

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002976.D
 Acq On : 28 Jun 2018 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/28/2018 4:55:55 PM

Quant Time: Jun 28 16:13:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192428	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	5.51	113	156630	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	558196	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.14	95	216667	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	153126	64.61	ug/l	99
3) Chloromethane	1.32	50	155235	63.32	ug/l	99
4) Vinyl Chloride	1.41	62	165298	54.99	ug/l	# 86
5) Bromomethane	1.64	94	38358	26.03	ug/l	99
6) Chloroethane	1.72	64	124773	71.67	ug/l	97
7) Trichlorofluoromethane	1.93	101	261231	51.52	ug/l	100
8) Diethyl Ether	2.19	74	95068	51.57	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142267	48.42	ug/l	98
10) Methyl Iodide	2.51	142	88127	32.12	ug/l	99
11) Tert butyl alcohol	3.08	59	179475	245.22	ug/l	100
12) 1,1-Dichloroethene	2.37	96	134614	51.35	ug/l	99
13) Acrolein	2.30	56	81599	201.93	ug/l	99
14) Allyl chloride	2.73	41	251503	48.67	ug/l	97
15) Acrylonitrile	3.15	53	404687	258.87	ug/l	99
16) Acetone	2.45	43	375894	247.06	ug/l	97
17) Carbon Disulfide	2.57	76	416602	59.65	ug/l	97
18) Methyl Acetate	2.78	43	189716	44.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	480950	51.03	ug/l	99
20) Methylene Chloride	2.86	84	148127	50.03	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	144875	50.74	ug/l	94
22) Diisopropyl ether	3.88	45	512113	51.85	ug/l	99
23) Vinyl Acetate	3.83	43	2274285	271.91	ug/l	99
24) 1,1-Dichloroethane	3.70	63	273907	51.02	ug/l	100
25) 2-Butanone	4.71	43	592375	262.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	121135	27.75	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	163281	51.00	ug/l	92
28) Bromochloromethane	5.03	49	134631	52.39	ug/l	95
29) Tetrahydrofuran	5.17	42	383658	264.95	ug/l	98
30) Chloroform	5.22	83	285452	51.81	ug/l	99
31) Cyclohexane	5.58	56	242459	52.62	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	259841	53.60	ug/l	99
36) 1,1-Dichloropropene	5.81	75	208161	50.19	ug/l	100
37) Ethyl Acetate	4.87	43	237285	53.14	ug/l	100
38) Carbon Tetrachloride	5.79	117	235366	51.72	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239766	49.64	ug/l	98
40) Benzene	6.15	78	613669	50.93	ug/l	99
41) Methacrylonitrile	5.07	41	132677	51.60	ug/l	99
42) 1,2-Dichloroethane	6.20	62	237485	48.79	ug/l	100
43) Isopropyl Acetate	6.47	43	382214	51.04	ug/l	98
44) Trichloroethene	7.22	130	178502	49.69	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161011	50.37	ug/l	99
46) Dibromomethane	7.67	93	112078	50.53	ug/l	97
47) Bromodichloromethane	7.90	83	217914	53.14	ug/l	97
48) Methyl methacrylate	7.78	41	200154	51.87	ug/l	97
49) 1,4-Dioxane	7.76	88	74233	988.82	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1227857	262.06	ug/l	98
52) Toluene	8.79	92	394936	51.16	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228388	49.18	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	214460	47.99	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162133	51.11	ug/l	97
56) Ethyl methacrylate	9.18	69	249236	53.76	ug/l	96
57) 1,3-Dichloropropane	9.38	76	266698	51.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	579302	259.02	ug/l	98
59) 2-Hexanone	9.50	43	941446	264.38	ug/l	97
60) Dibromochloromethane	9.59	129	182678	54.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173572	52.17	ug/l	100
64) Tetrachloroethene	9.34	164	187570	46.38	ug/l	99
65) Chlorobenzene	10.14	112	453726	49.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	171589	51.13	ug/l	100
67) Ethyl Benzene	10.26	91	776468	50.88	ug/l	99
68) m/p-Xylenes	10.36	106	601645	102.29	ug/l	99
69) o-Xylene	10.70	106	294413	51.41	ug/l	99
70) Styrene	10.71	104	488465	52.49	ug/l	99
71) Bromoform	10.86	173	146032	48.30	ug/l #	99
73) Isopropylbenzene	11.02	105	798770	51.21	ug/l	100
74) N-amyl acetate	6.47	43	382214	50.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	252431	52.54	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	206123m	49.08	ug/l	
77) Bromobenzene	11.26	156	219121	49.33	ug/l	98
78) n-propylbenzene	11.37	91	899516	50.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	532029	49.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	673658	51.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50711	36.04	ug/l	99
82) 4-Chlorotoluene	11.51	91	638651	50.19	ug/l	100
83) tert-Butylbenzene	11.77	119	670705	51.80	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	691913	50.83	ug/l	98
85) sec-Butylbenzene	11.95	105	795567	50.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	716629	50.75	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	397150	48.95	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	402843	48.25	ug/l	99
89) n-Butylbenzene	12.39	91	596526	48.53	ug/l	99
90) Hexachloroethane	12.60	117	99888	47.56	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	401268	49.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58264	53.94	ug/l	94

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VSTDCCC050EC

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296521	49.76	ug/l	100
94) Hexachlorobutadiene	13.79	225	143219	48.18	ug/l	98
95) Naphthalene	13.84	128	857809	54.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306126	51.43	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

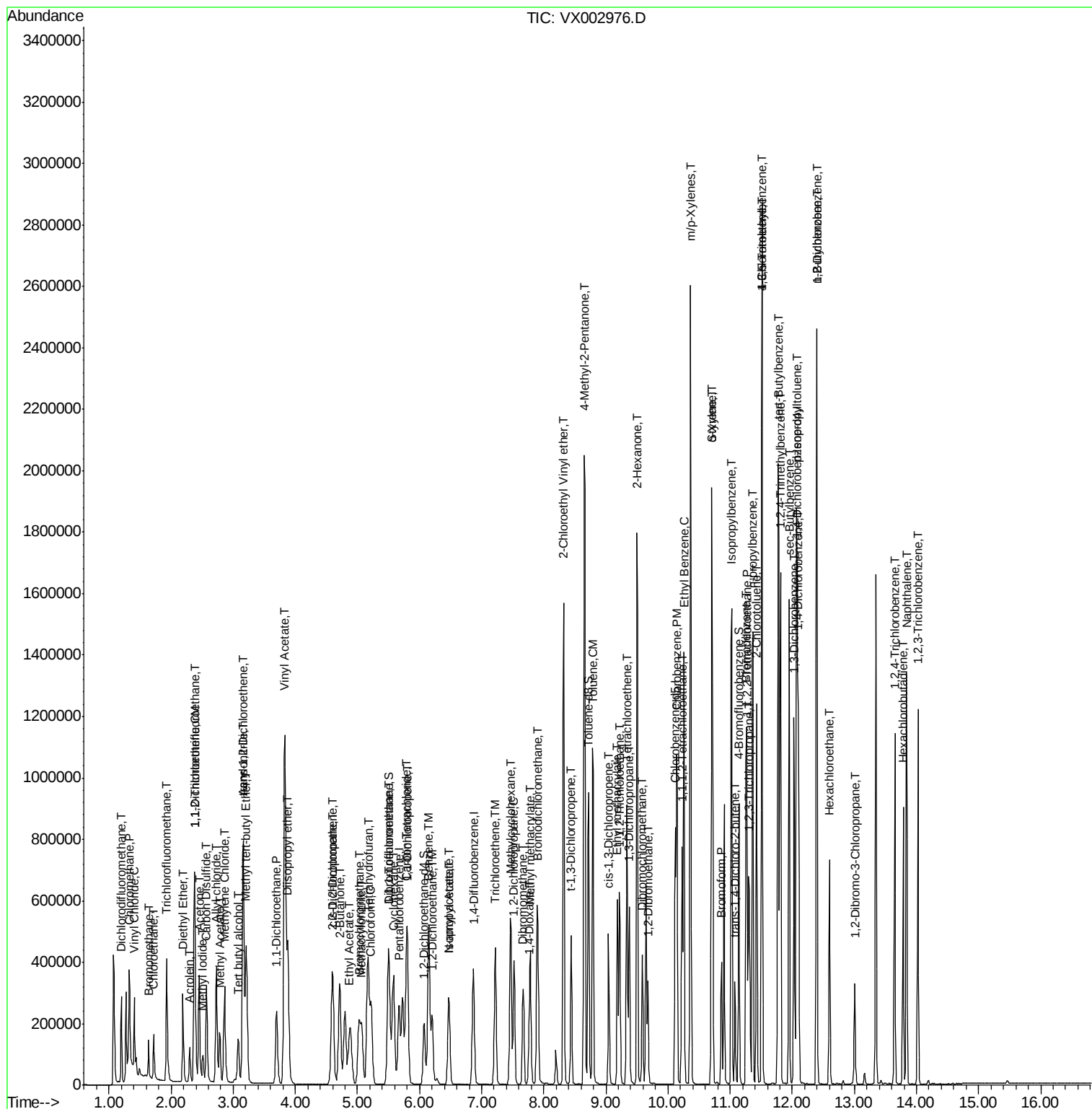
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
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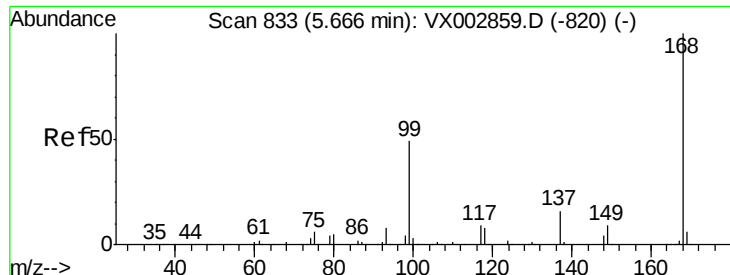
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

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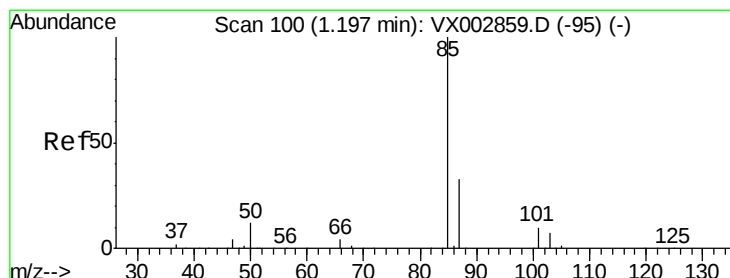
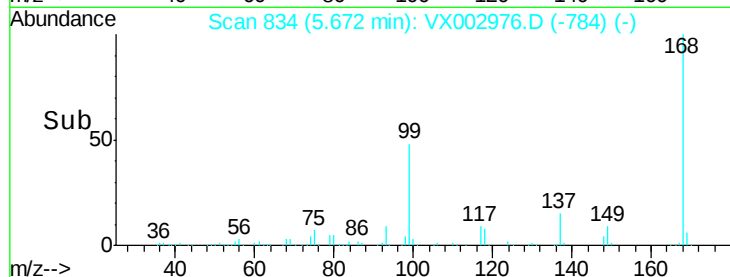
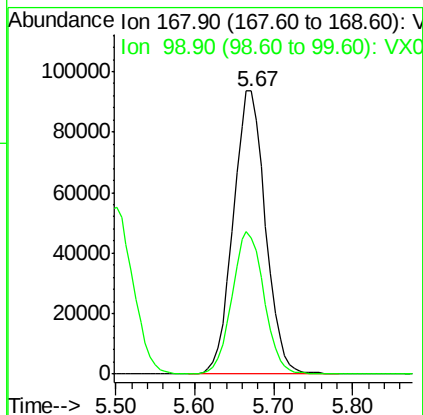
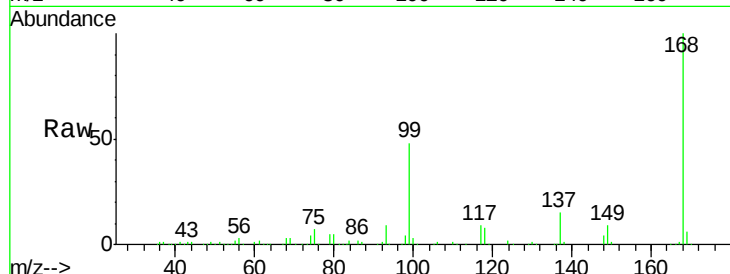
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.0	39.3	58.9

Manual Integrations
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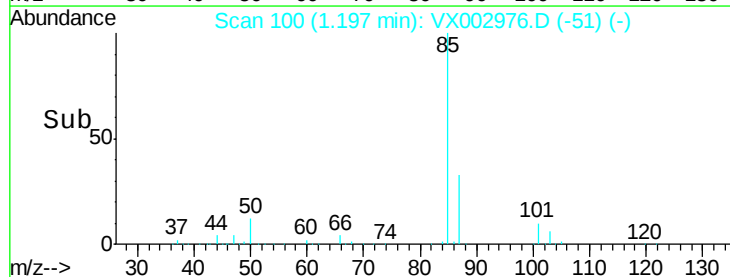
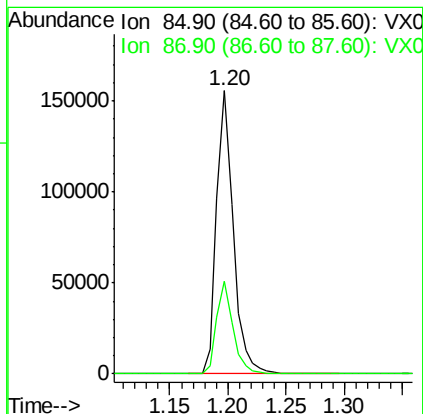
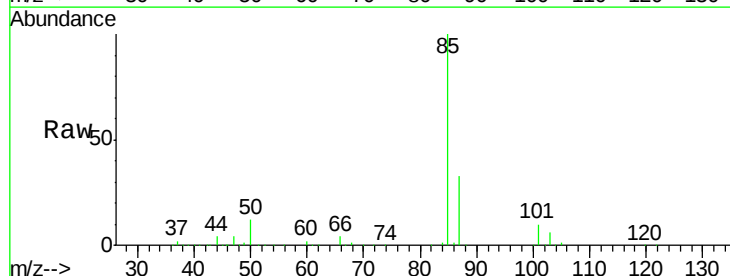
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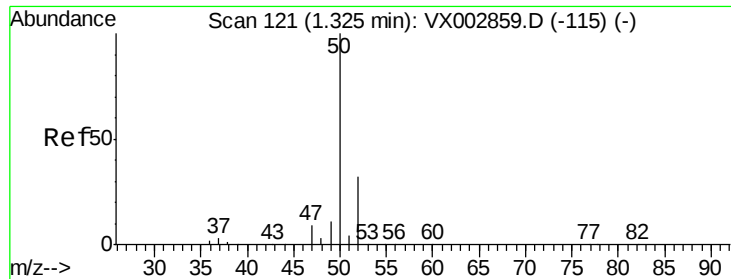


#2

Dichlorodifluoromethane
 Concen: 64.61 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.0	47.9





#3

Chloromethane

Concen: 63.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 155235

Ion Ratio Lower Upper

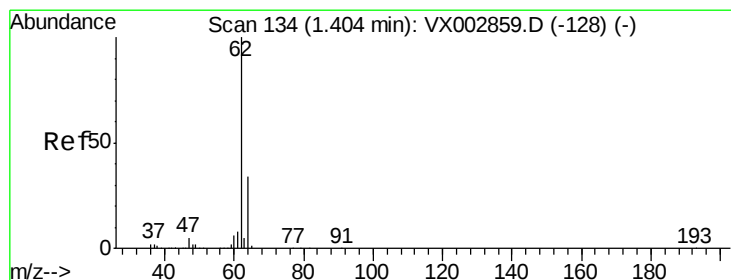
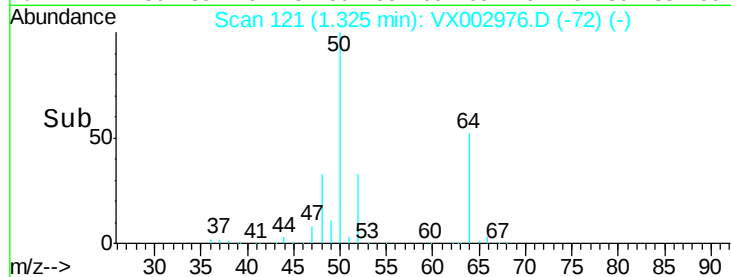
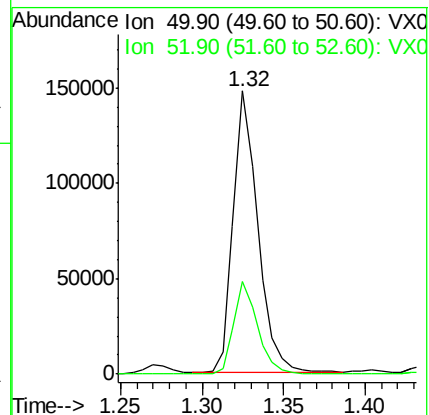
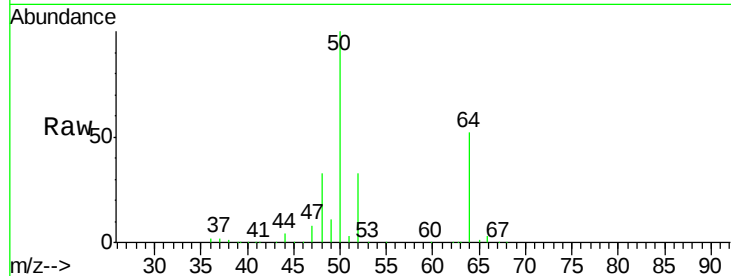
50 100

52 32.8 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 54.99 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002976.D

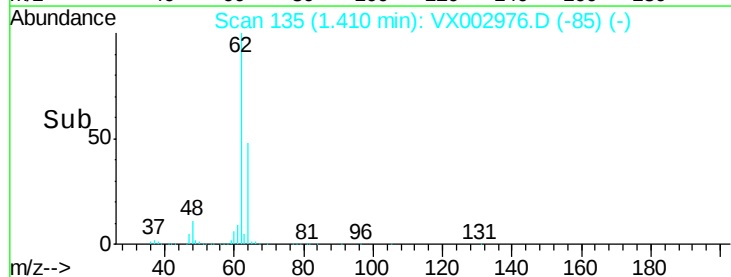
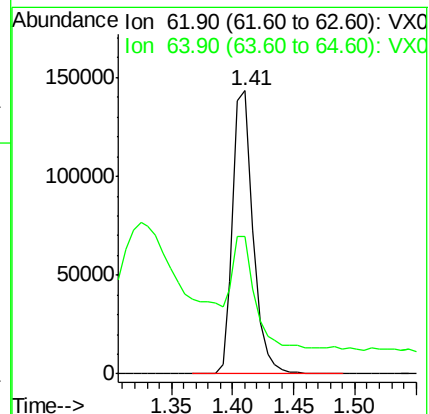
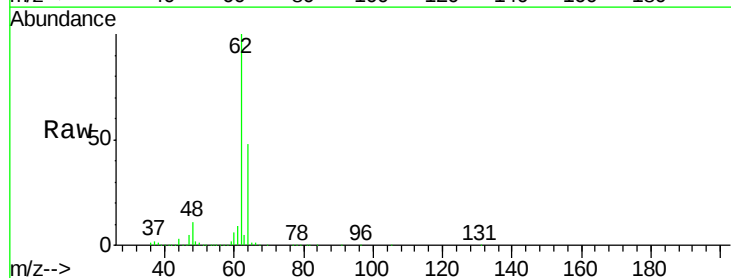
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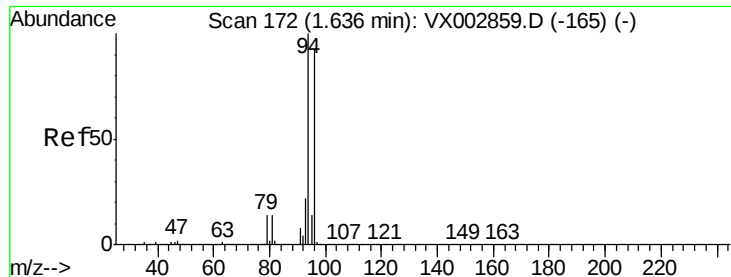
Tgt Ion: 62 Resp: 165298

Ion Ratio Lower Upper

62 100

64 39.5 25.4 38.2#





#5

Bromomethane

Concen: 26.03 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 38358

Ion Ratio Lower Upper

94 100

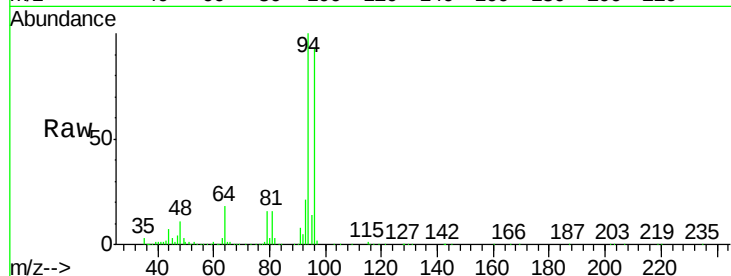
96 92.8 74.9 112.3

Manual Integrations

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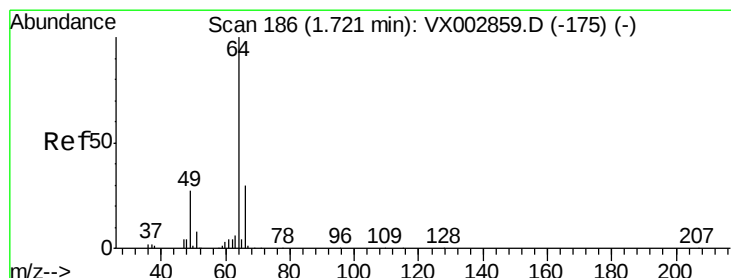
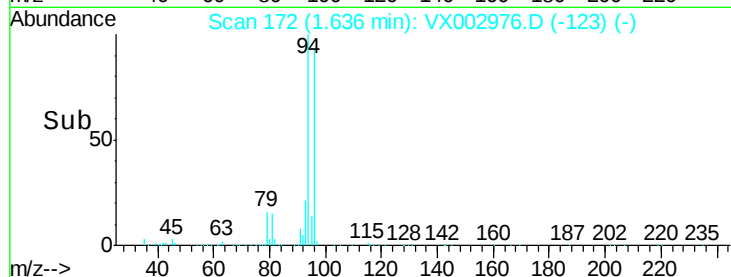
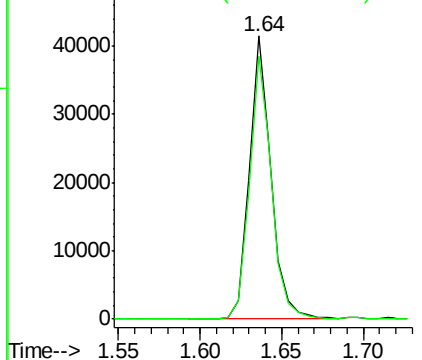
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 71.67 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002976.D

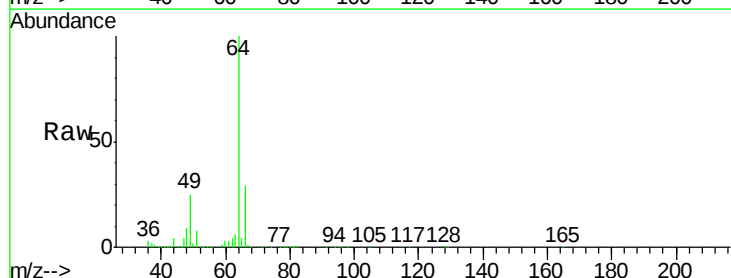
Acq: 28 Jun 2018 09:43

Tgt Ion: 64 Resp: 124773

Ion Ratio Lower Upper

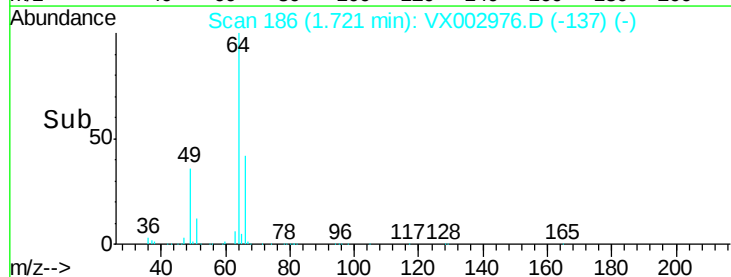
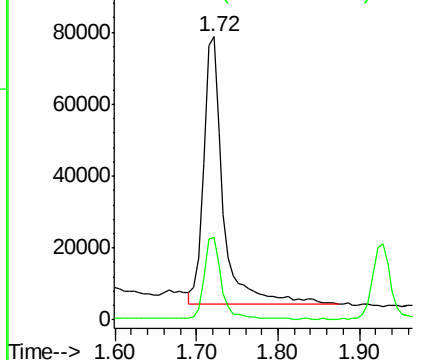
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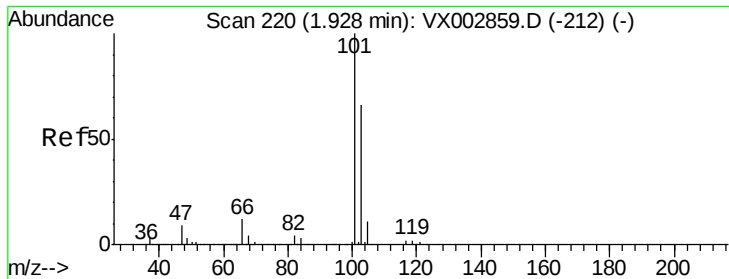
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

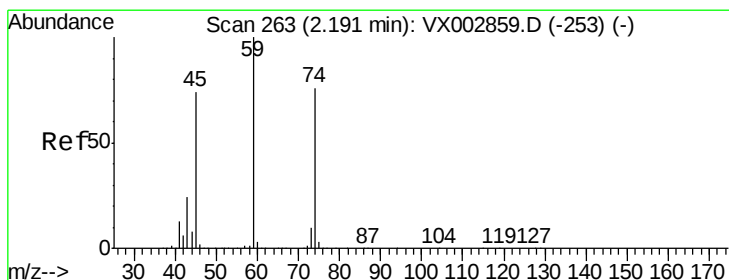
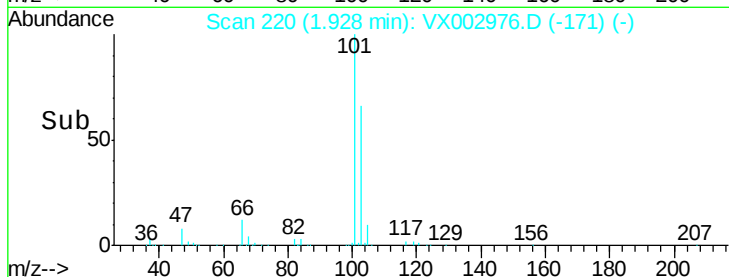
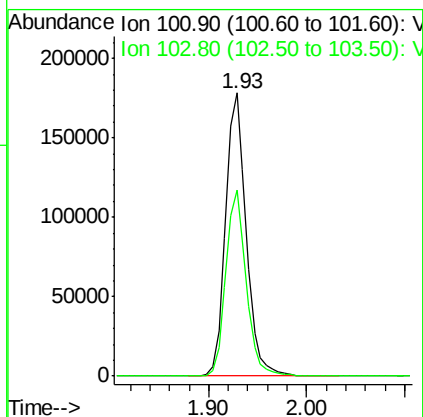
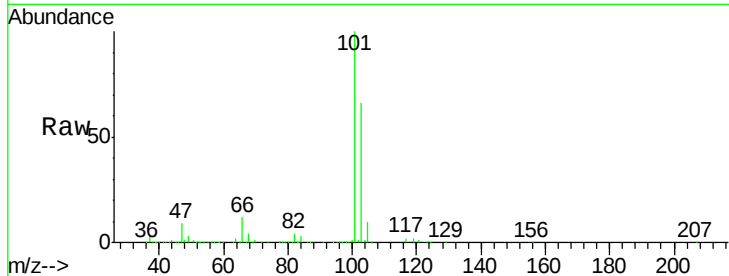
Trichlorofluoromethane
 Concen: 51.52 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.8	79.2

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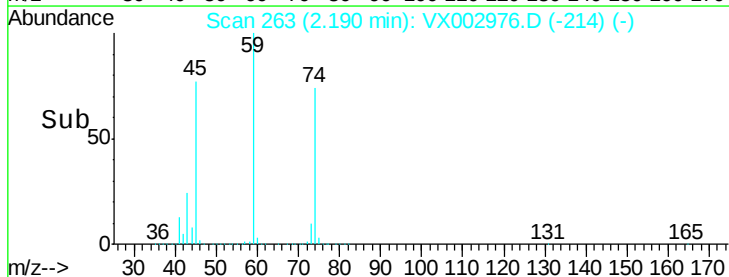
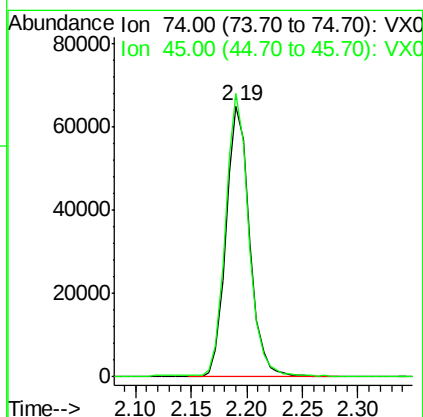
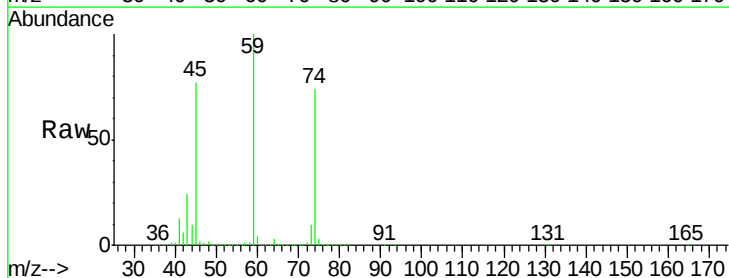
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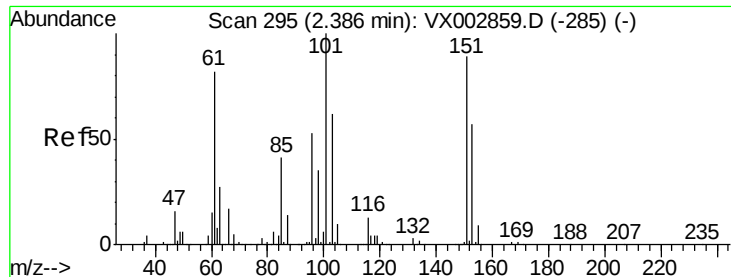


#8

Diethyl Ether
 Concen: 51.57 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.42 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

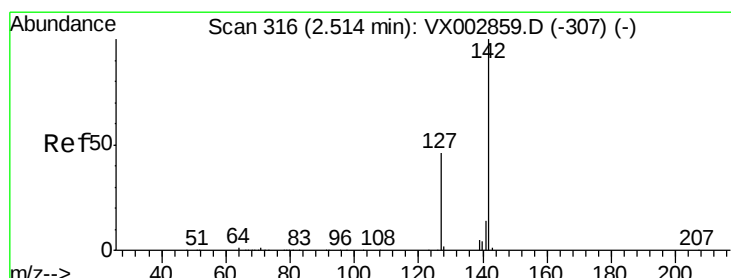
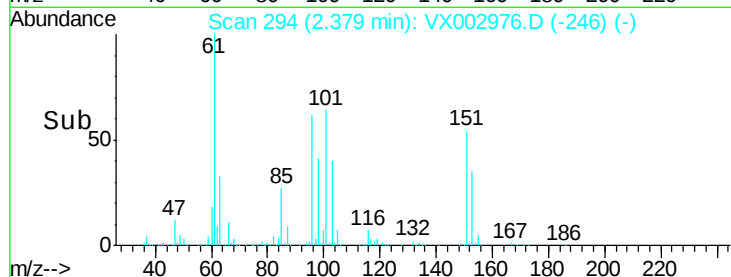
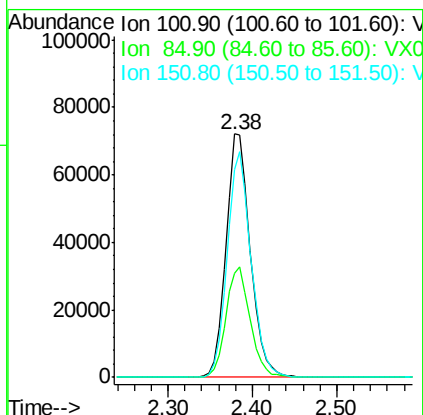
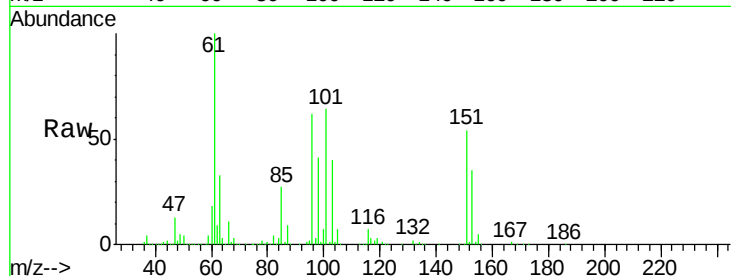
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	142267
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	90.8	70.9	106.3

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#10

Methyl Iodide

Concen: 32.12 ug/l

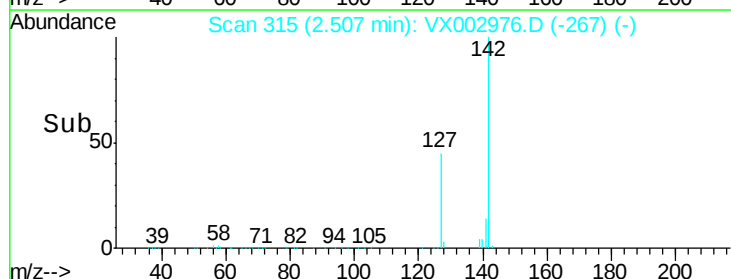
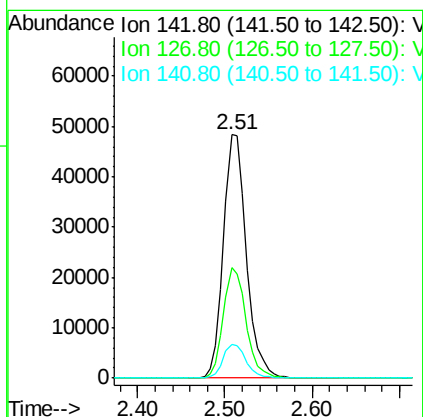
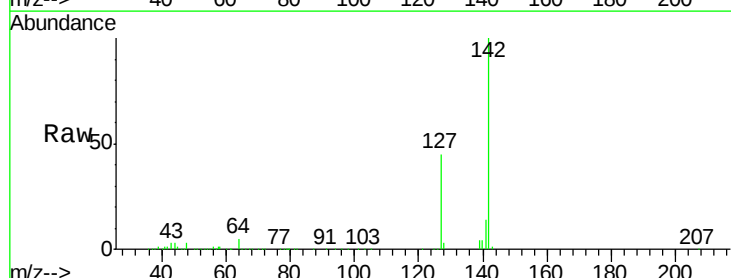
RT: 2.51 min Scan# 315

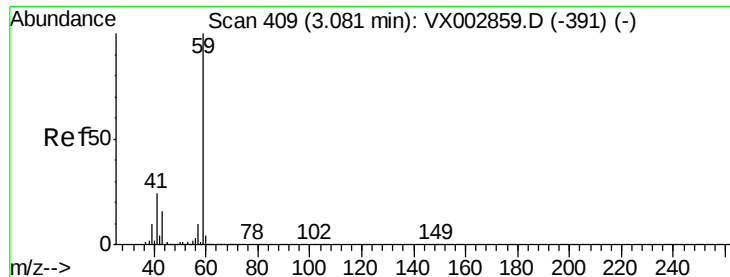
Delta R.T. -0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion:	142	Resp:	88127
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.6	55.0
141	14.0	11.3	16.9





#11

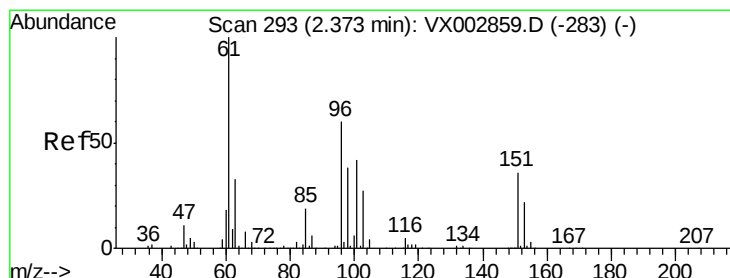
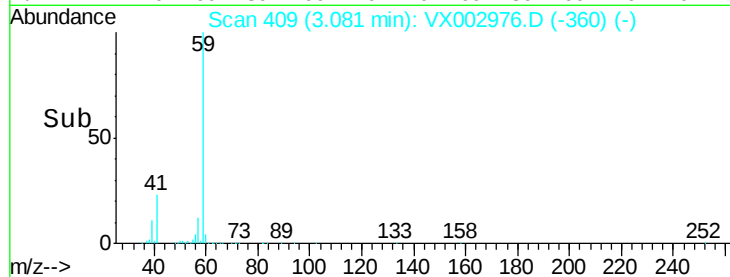
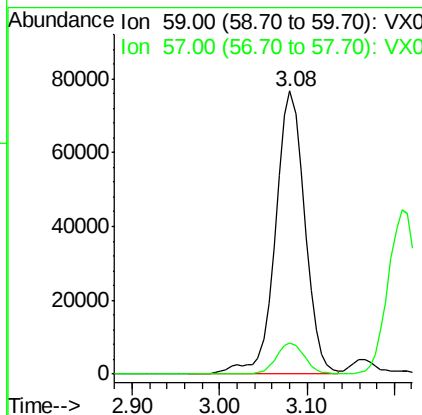
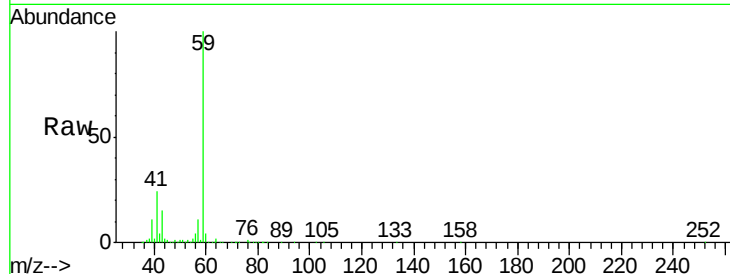
Tert butyl alcohol
 Concen: 245.22 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	179475
Ion Ratio	Lower	Upper	
59	100		
57	10.3	8.2	12.2

Manual Integrations
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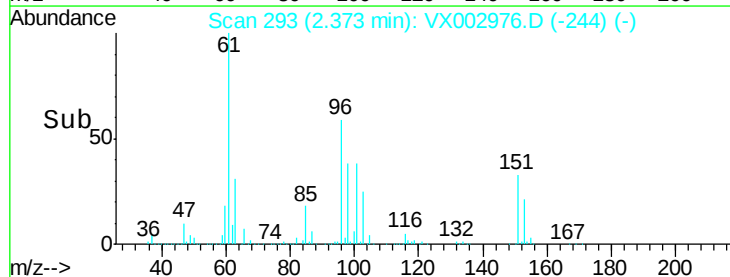
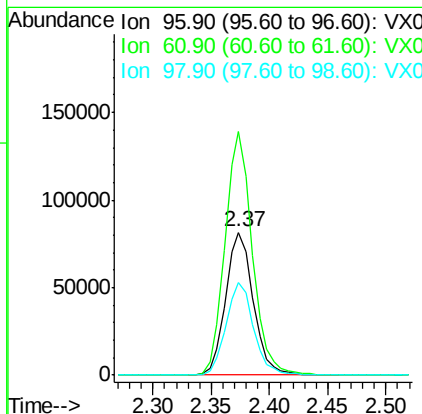
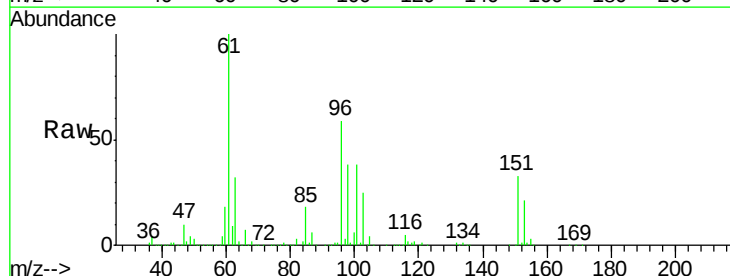
apatel
 6/28/2018 4:55:55 PM

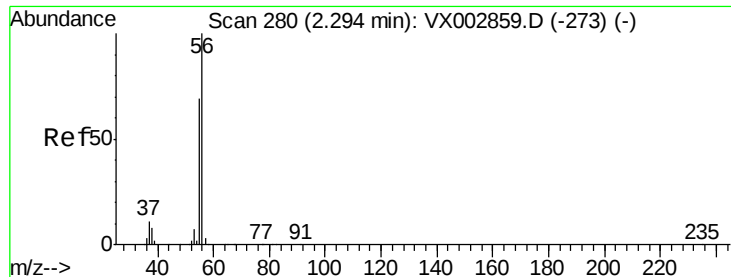


#12

1,1-Dichloroethene
 Concen: 51.35 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	96	Resp	134614
Ion Ratio	Lower	Upper	
96	100		
61	170.0	137.9	206.9
98	64.9	51.6	77.4





#13

Acrolein

Concen: 201.93 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 81599

Ion Ratio Lower Upper

56 100

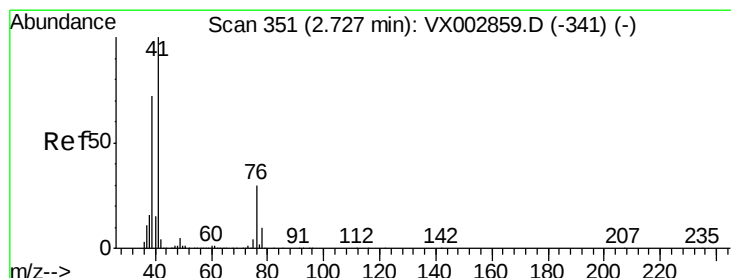
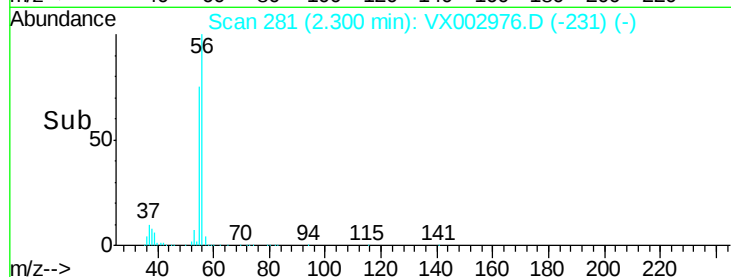
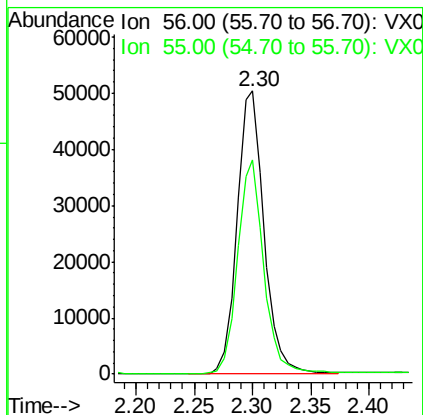
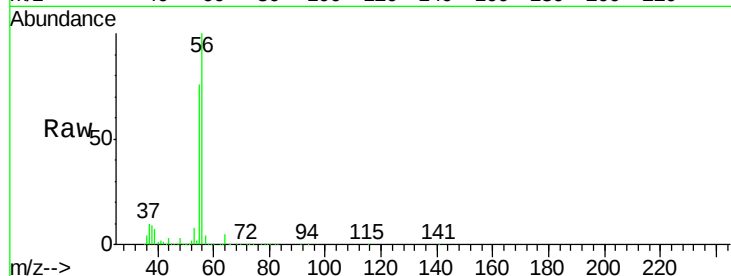
55 72.2 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.67 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

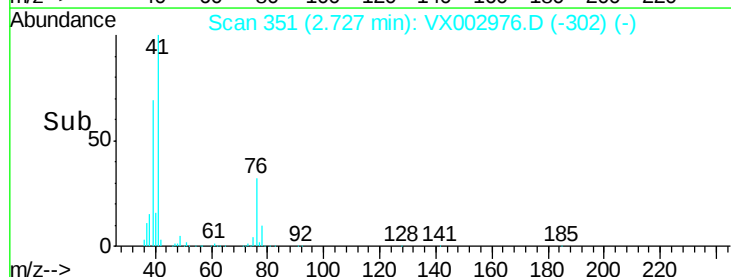
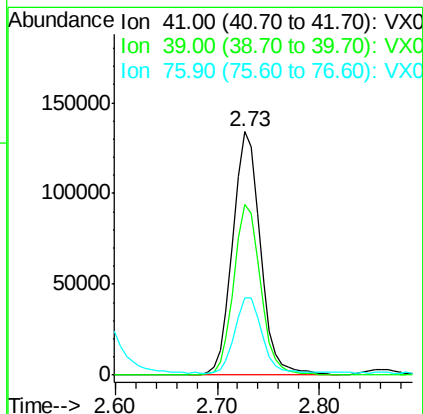
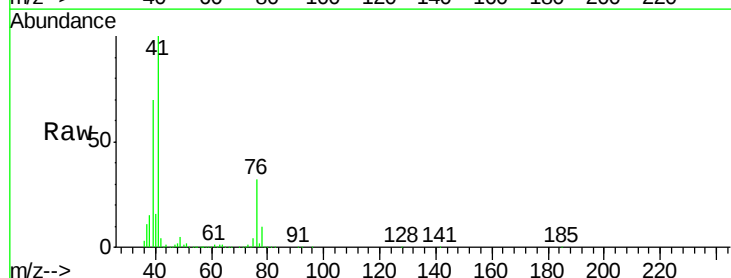
Tgt Ion: 41 Resp: 251503

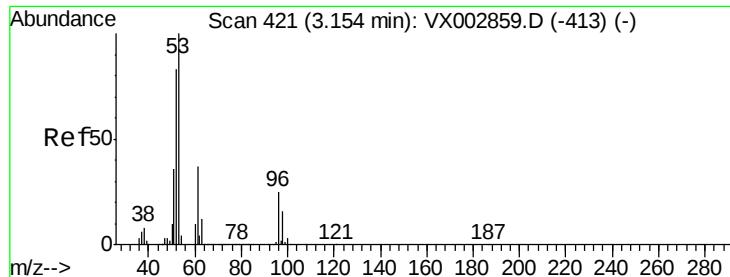
Ion Ratio Lower Upper

41 100

39 67.9 56.8 85.2

76 30.8 23.8 35.8





#15

Acrylonitrile

Concen: 258.87 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

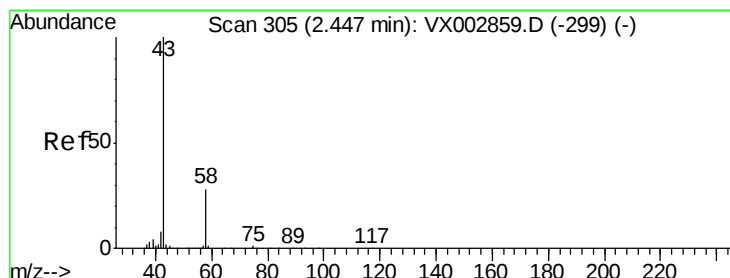
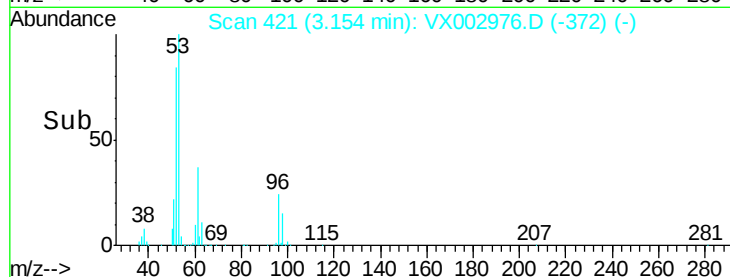
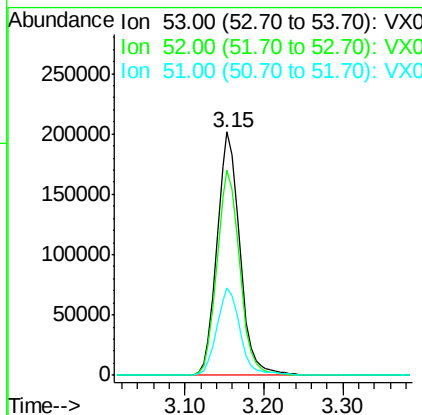
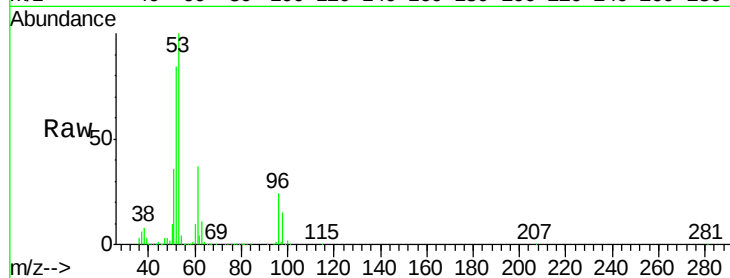
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	404687
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.7	100.1
51	36.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 247.06 ug/l

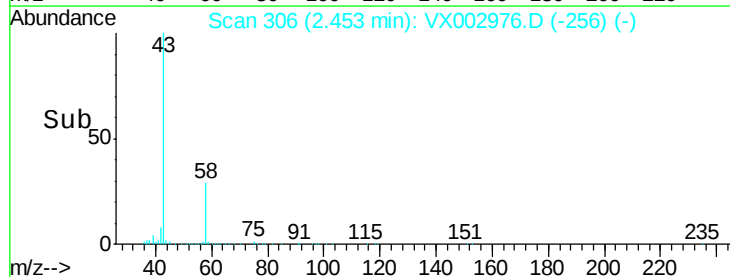
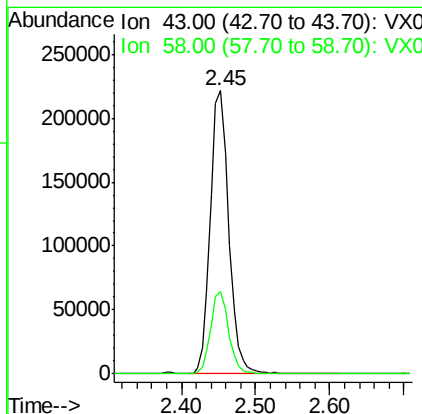
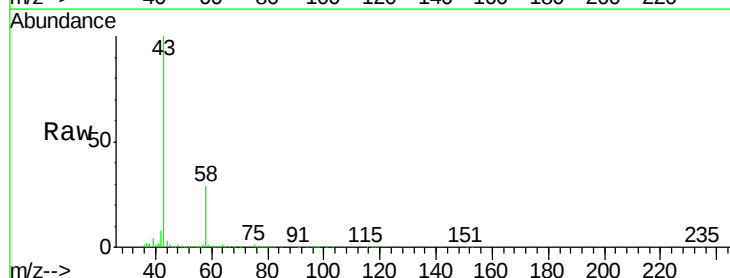
RT: 2.45 min Scan# 306

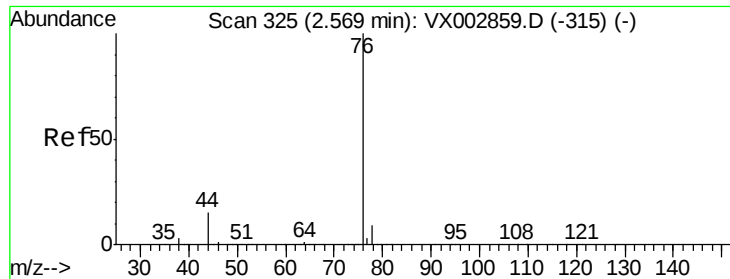
Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion:	43	Resp:	375894
Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1





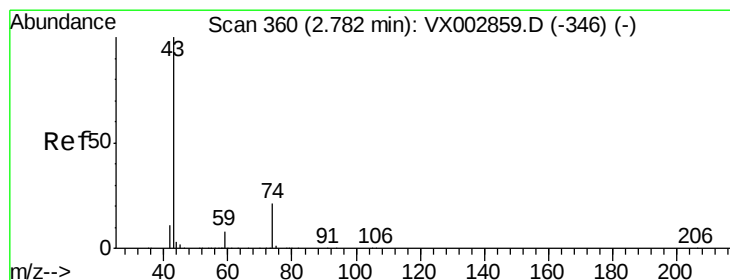
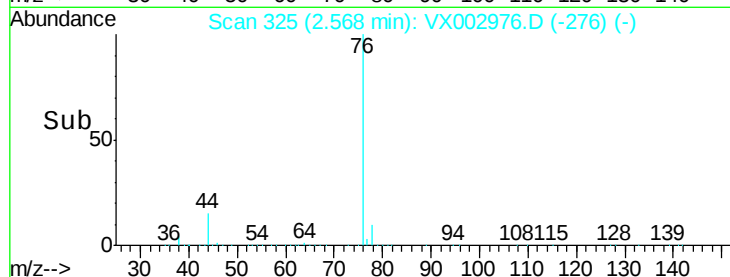
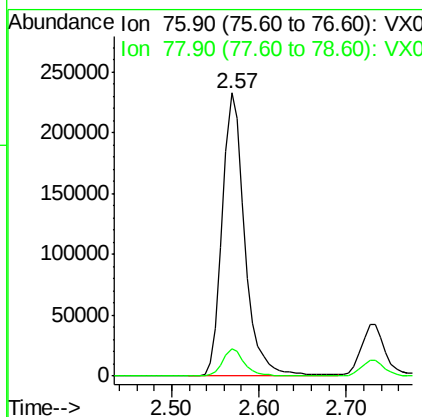
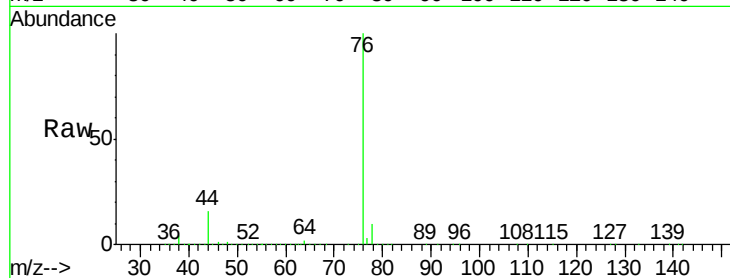
#17
Carbon Disulfide
Concen: 59.65 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.9	10.3

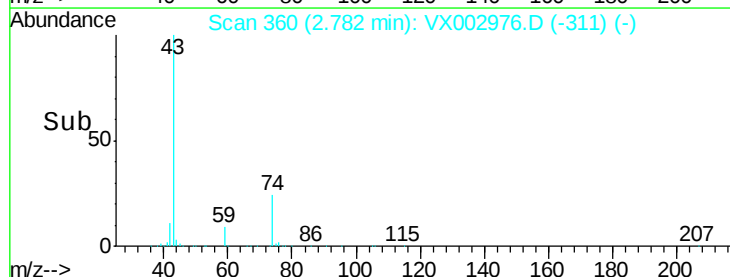
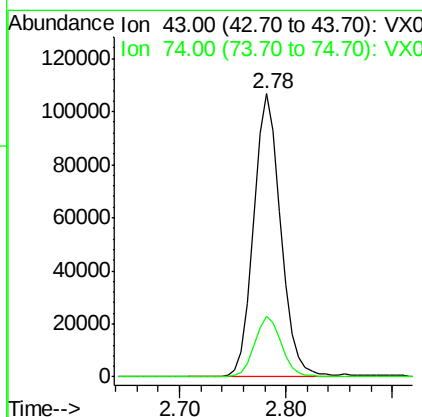
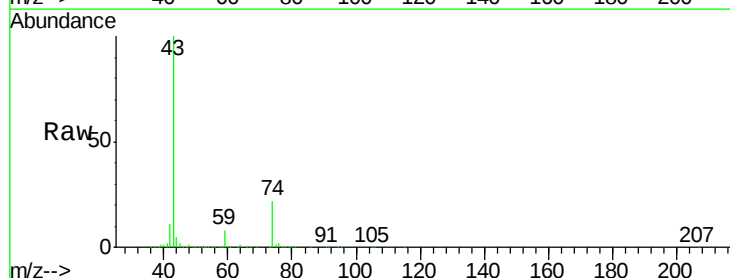
Manual Integrations
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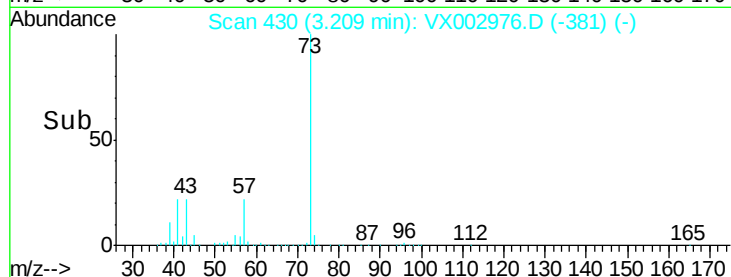
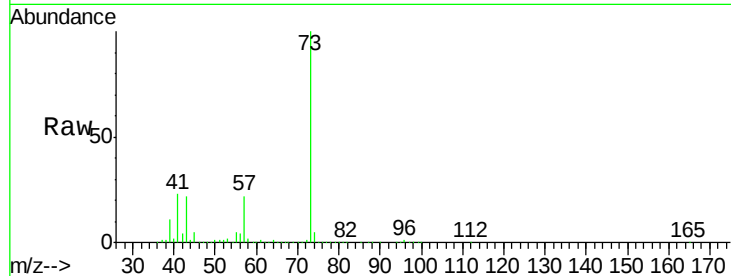
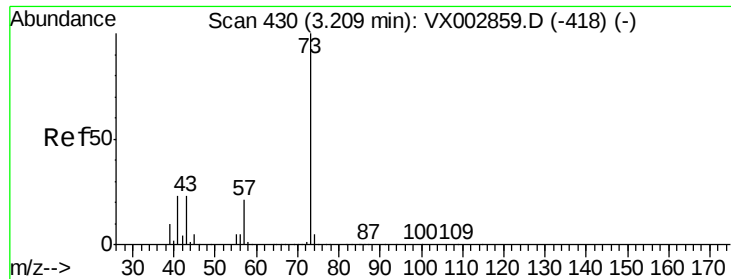
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#18
Methyl Acetate
Concen: 44.60 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.7	25.1





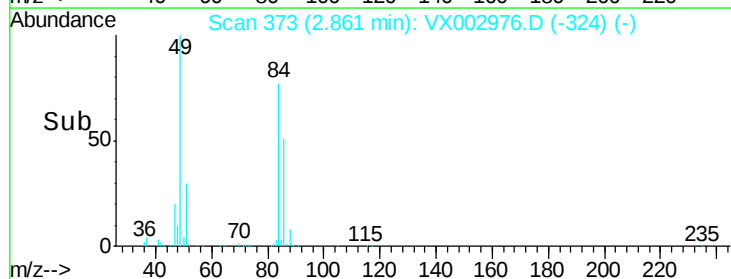
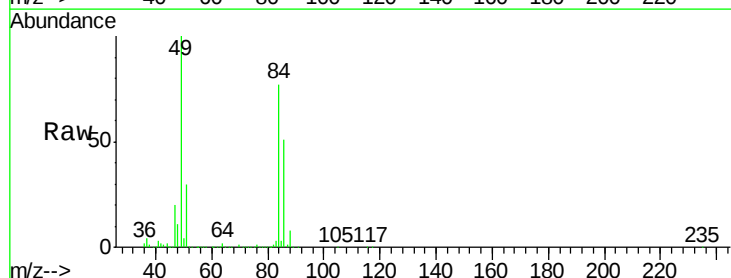
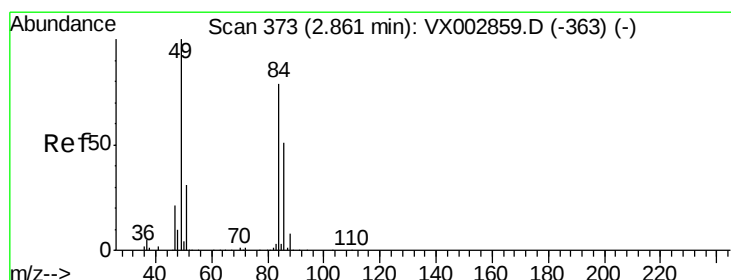
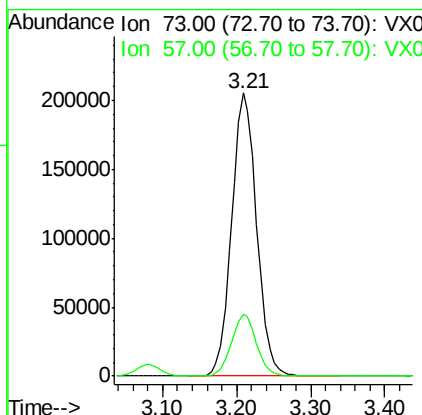
#19
Methyl tert-butyl Ether
Concen: 51.03 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tot Ion: 73 Resp: 480950
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

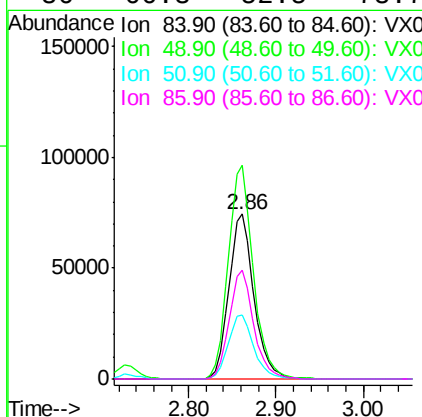
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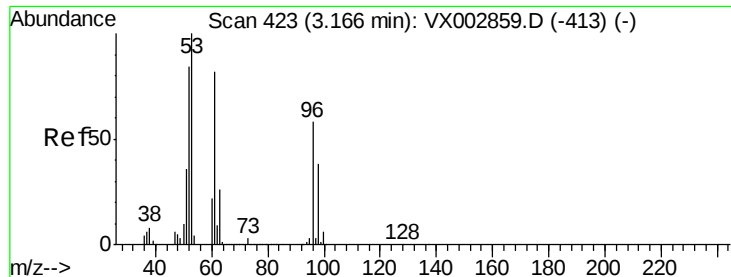
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#20
Methylene Chloride
Concen: 50.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 84 Resp: 148127
Ion Ratio Lower Upper
84 100
49 129.4 107.8 161.6
51 38.3 32.8 49.2
86 66.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.74 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 144875

Ion Ratio Lower Upper

96 100

61 137.0 117.0 175.4

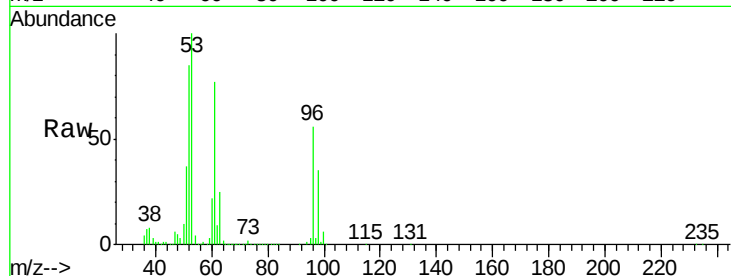
98 63.3 52.4 78.6

Manual Integrations

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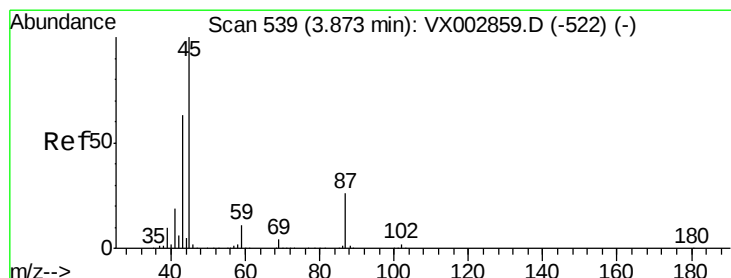
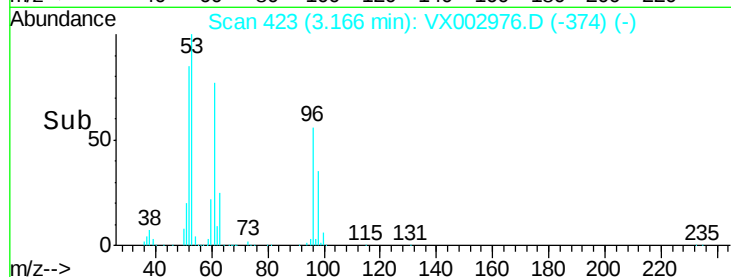
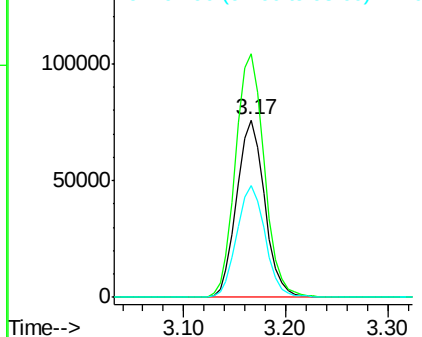
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.85 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion: 45 Resp: 512113

Ion Ratio Lower Upper

45 100

43 58.2 46.8 70.2

87 26.7 20.2 30.4

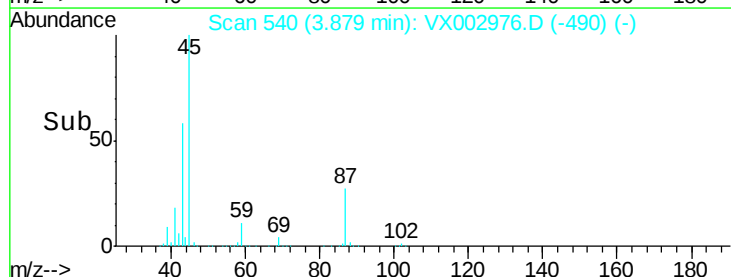
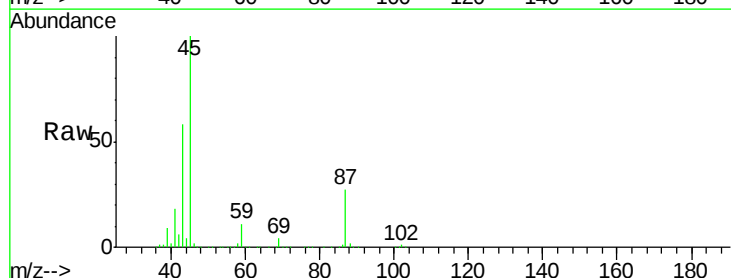
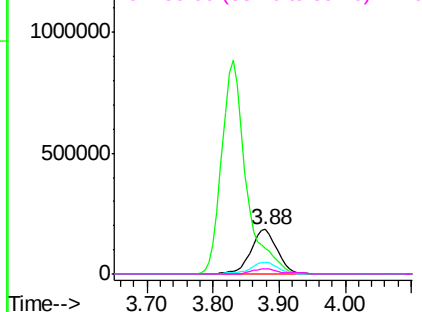
59 11.1 8.7 13.1

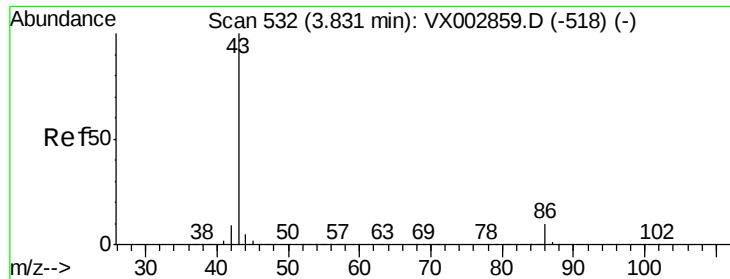
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 271.91 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2274285

Ion Ratio Lower Upper

43 100

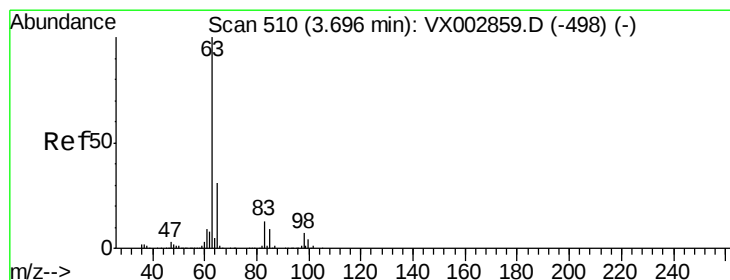
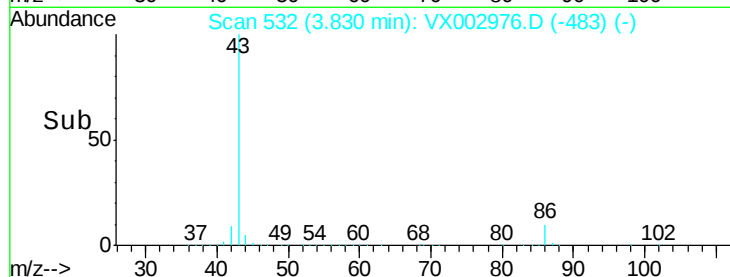
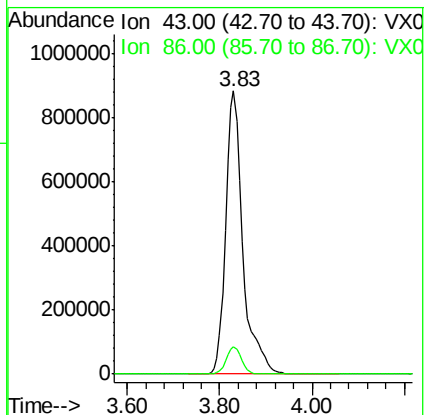
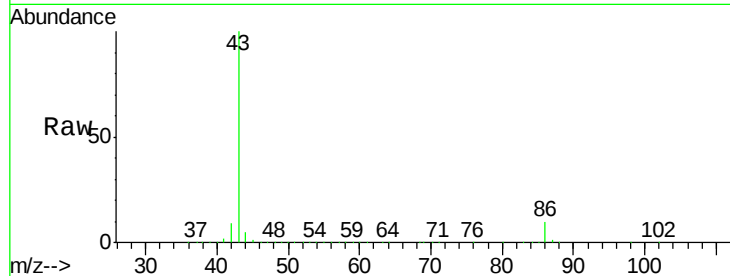
86 9.6 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.02 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

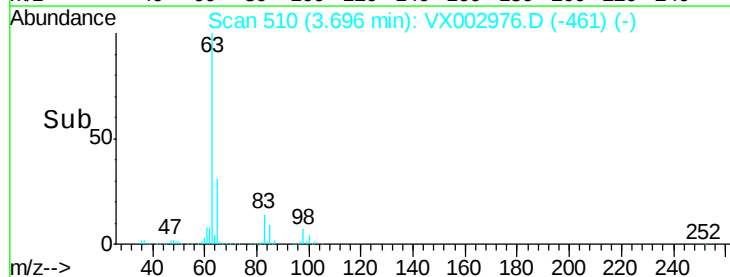
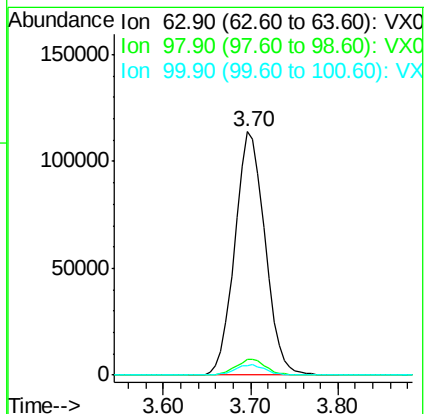
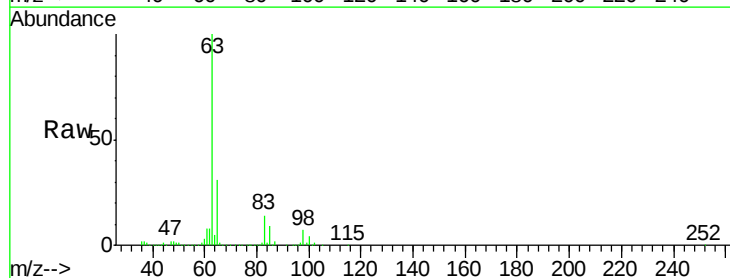
Tgt Ion: 63 Resp: 273907

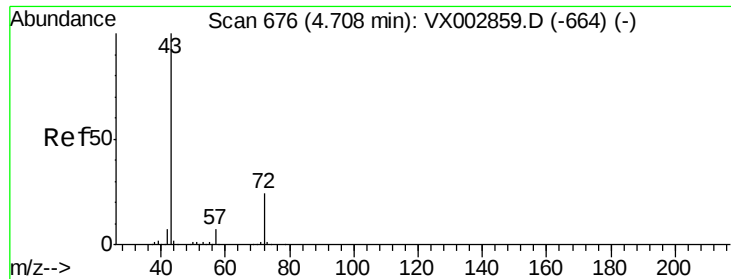
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 262.34 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 592375

Ion Ratio Lower Upper

43 100

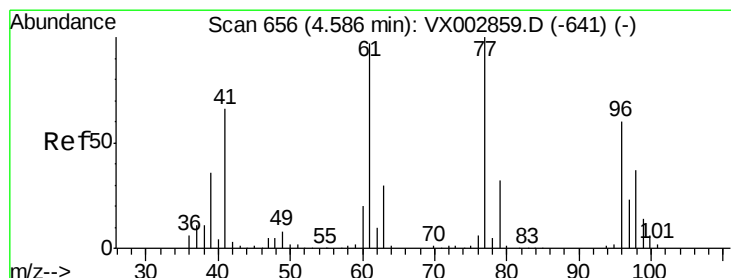
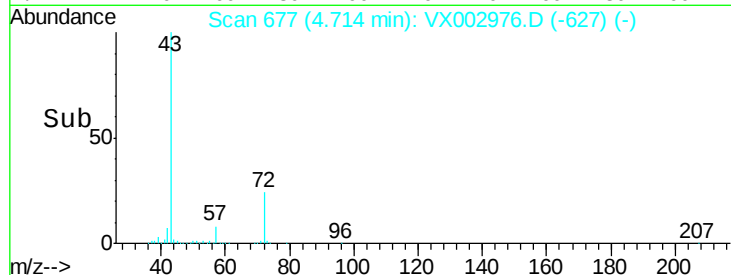
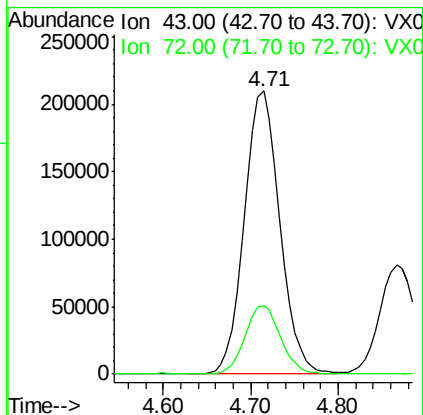
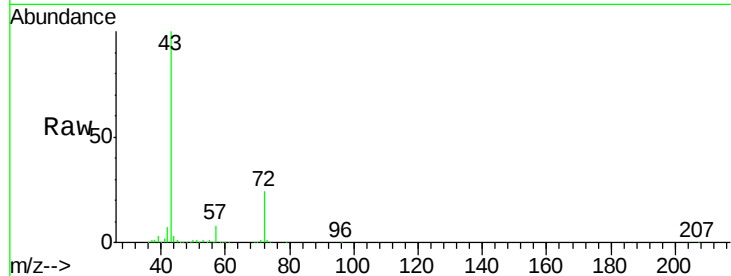
72 24.1 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 27.75 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002976.D

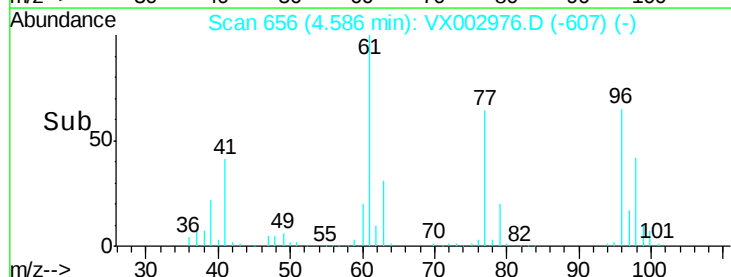
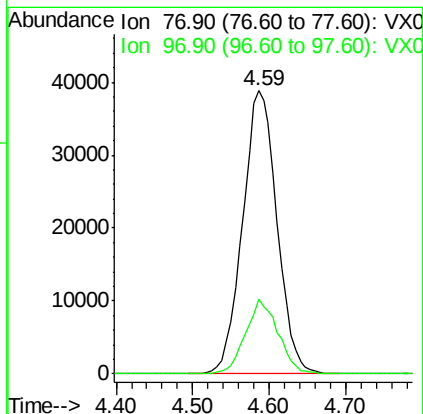
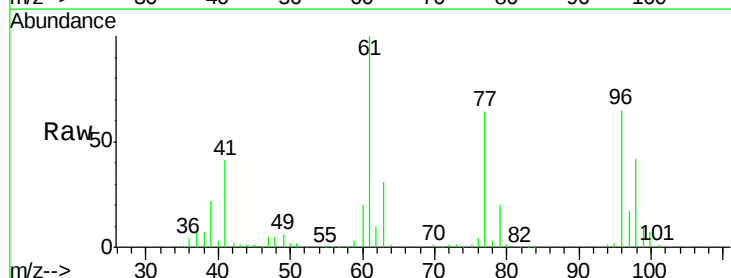
Acq: 28 Jun 2018 09:43

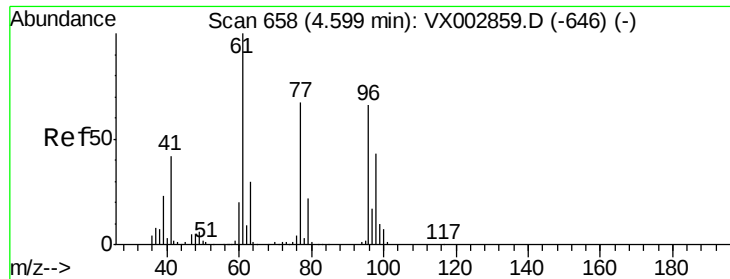
Tgt Ion: 77 Resp: 121135

Ion Ratio Lower Upper

77 100

97 25.2 11.2 33.5





#27

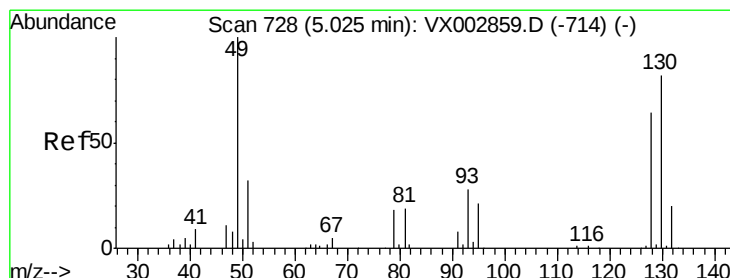
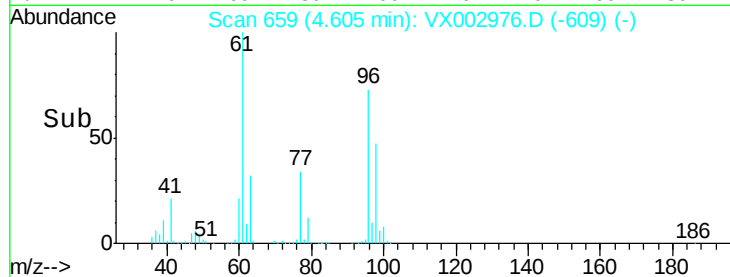
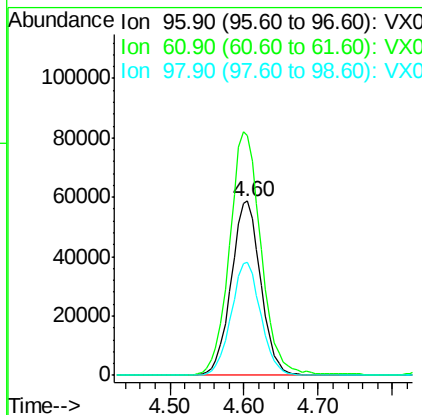
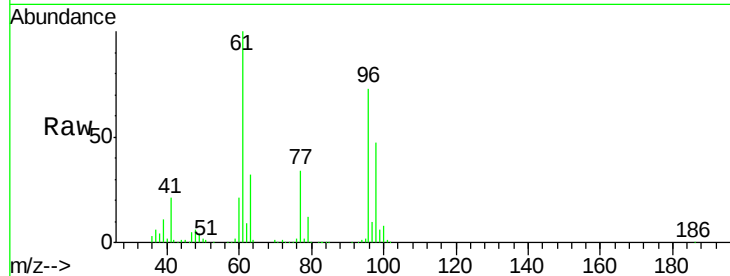
cis-1,2-Dichloroethene
Concen: 51.00 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163281		
61	150.3	0.0	330.2	
98	65.0	0.0	130.2	

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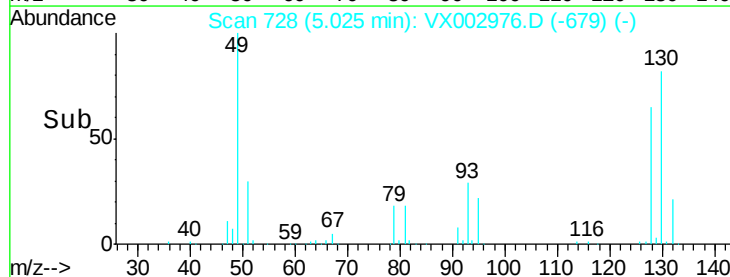
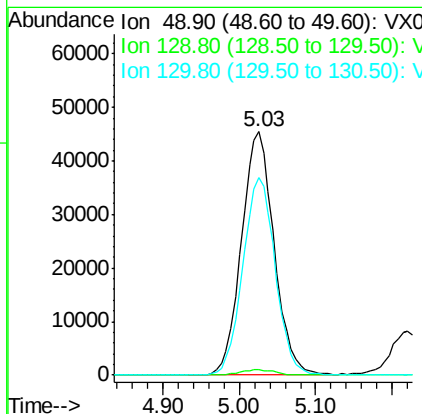
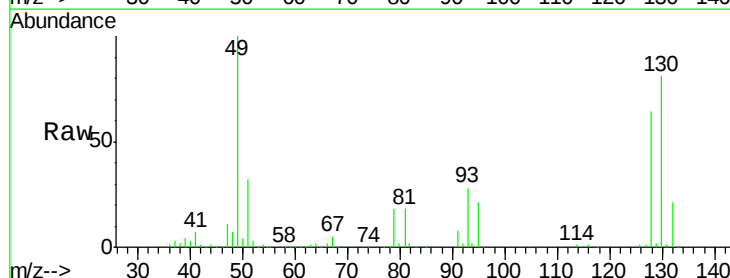
apatel
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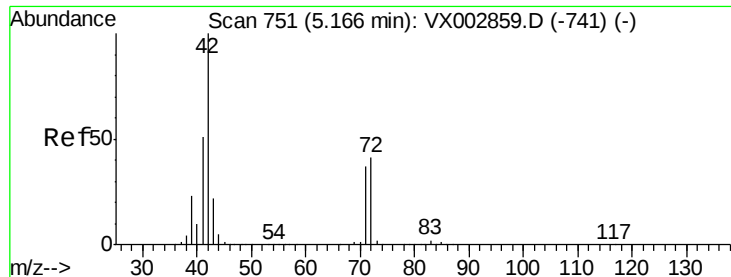


#28

Bromochloromethane
Concen: 52.39 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134631		
129	2.3	0.0	4.2	
130	80.7	61.2	91.8	





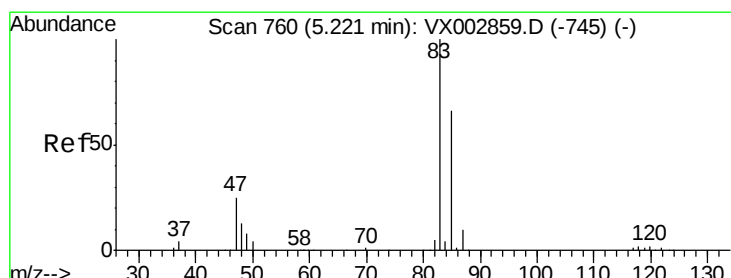
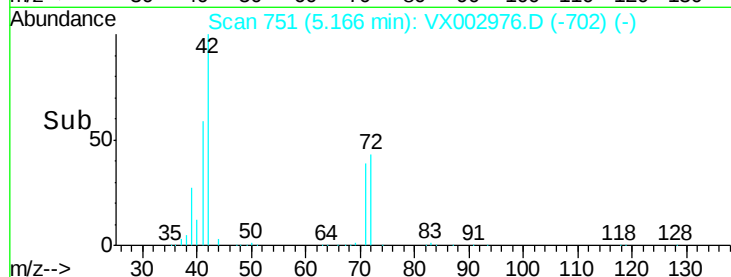
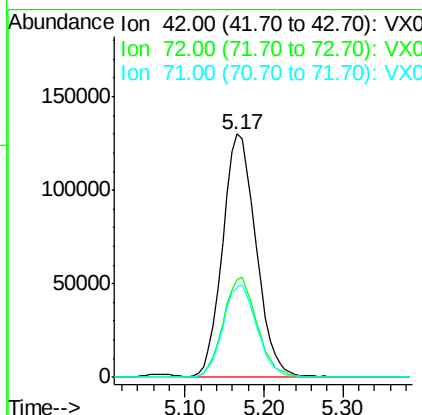
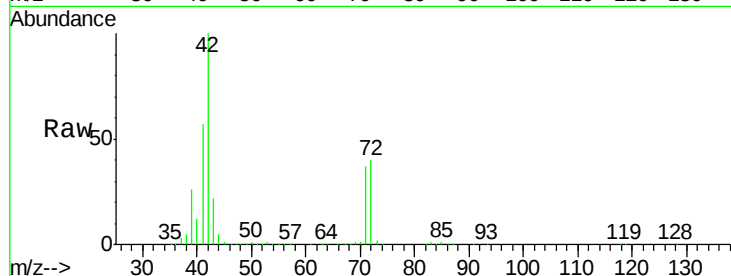
#29
Tetrahydrofuran
Concen: 264.95 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	38.7	30.1	45.1

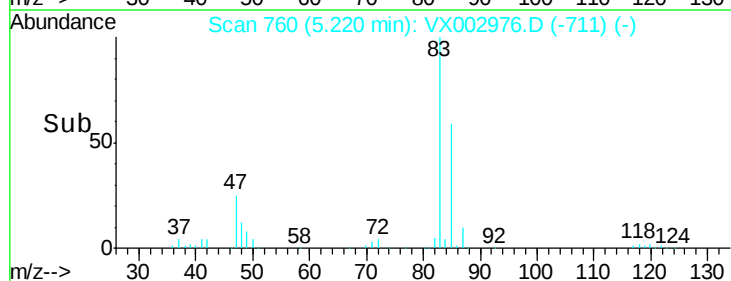
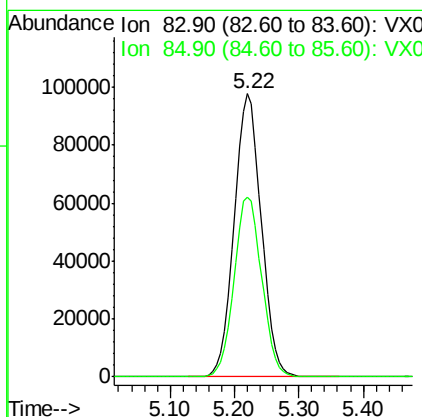
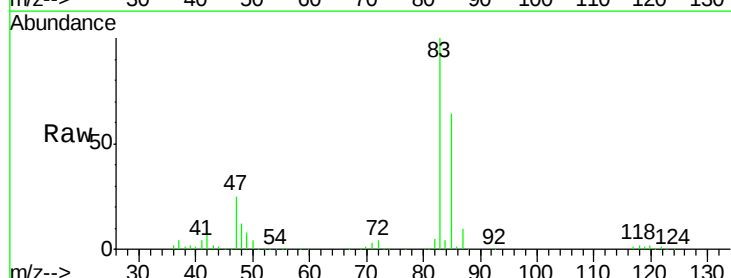
Manual Integrations
APPROVED

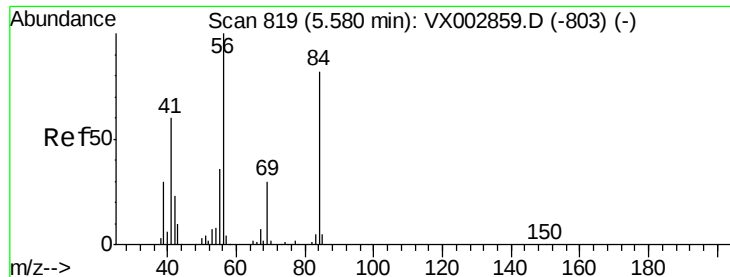
apatel
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#30
Chloroform
Concen: 51.81 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.4	75.6





#31

Cyclohexane

Concen: 52.62 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

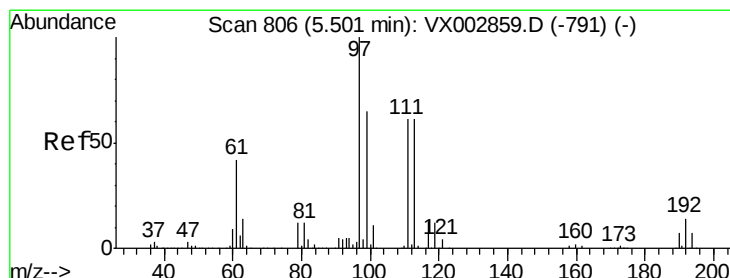
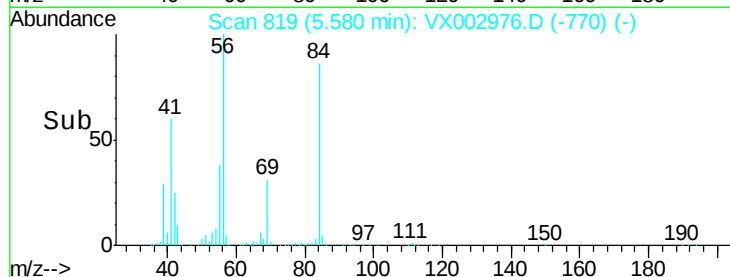
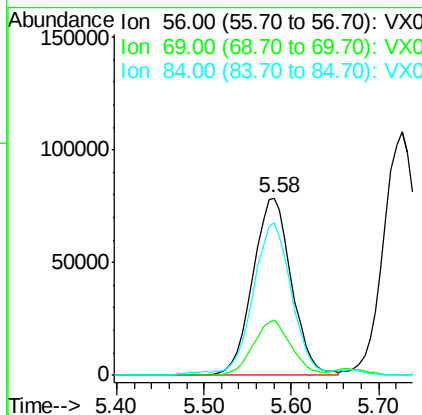
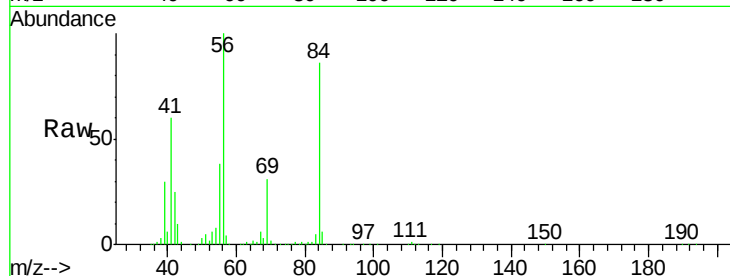
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	242459
Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.7	35.5
84	84.7	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 53.60 ug/l

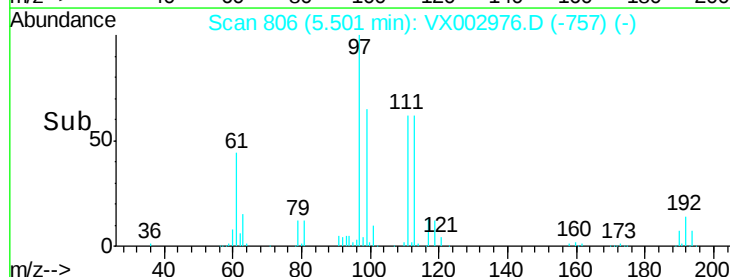
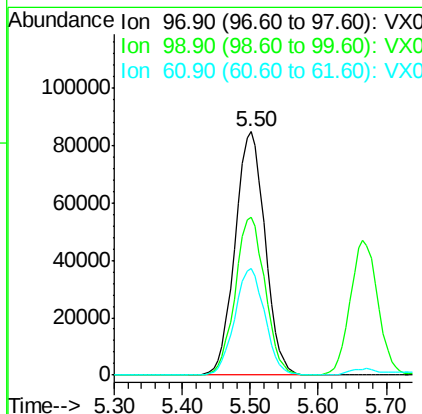
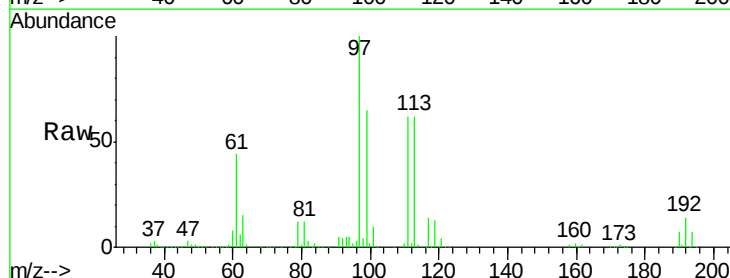
RT: 5.50 min Scan# 806

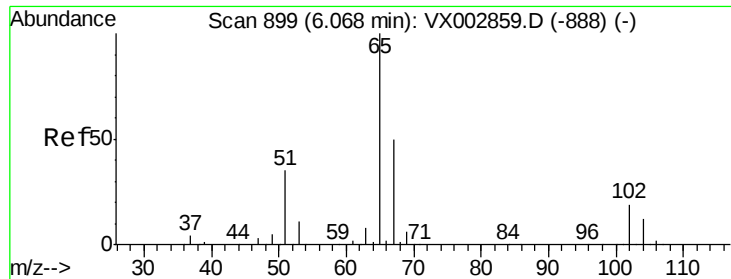
Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion:	97	Resp:	259841
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.1	36.4	54.6





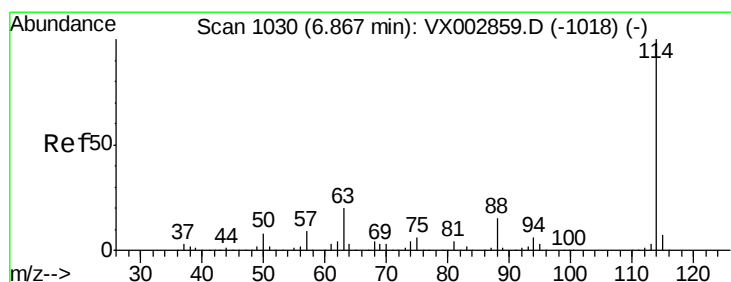
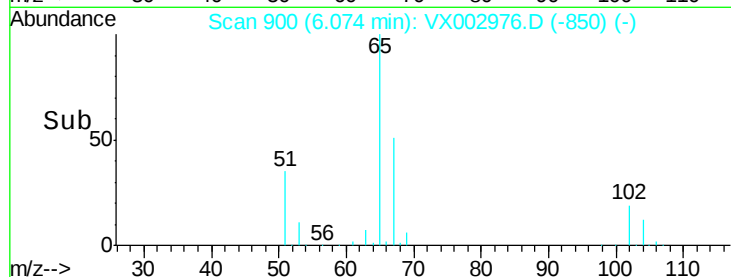
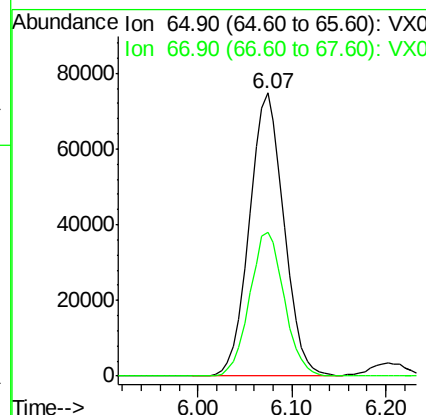
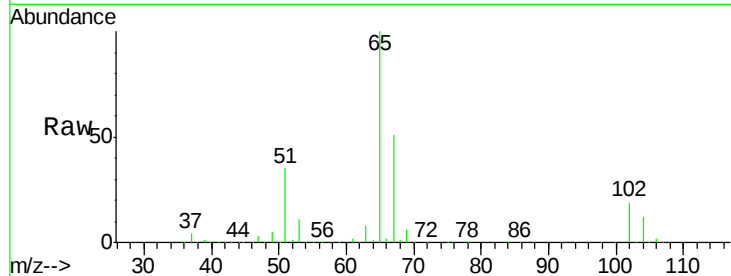
#33
 1,2-Dichloroethane-d4
 Concen: 52.38 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192428		
67	51.0	0.0	102.6	

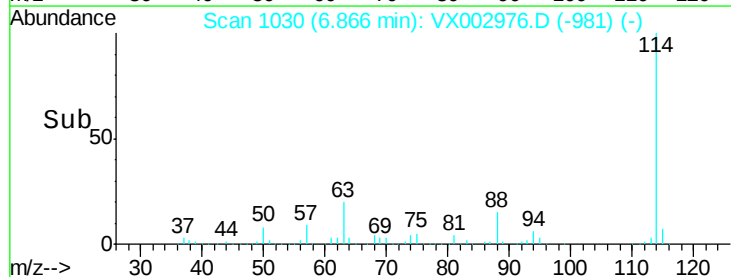
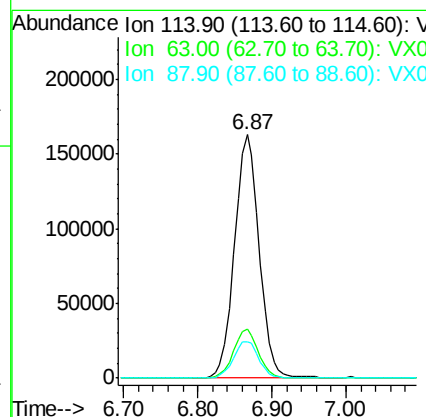
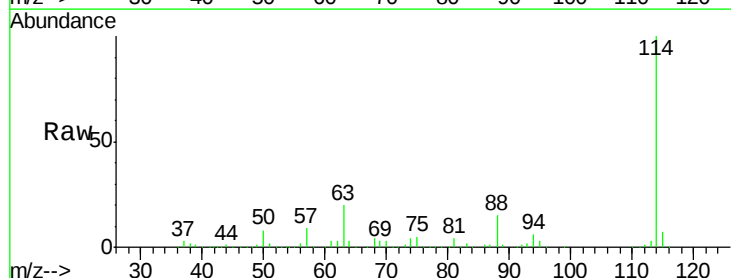
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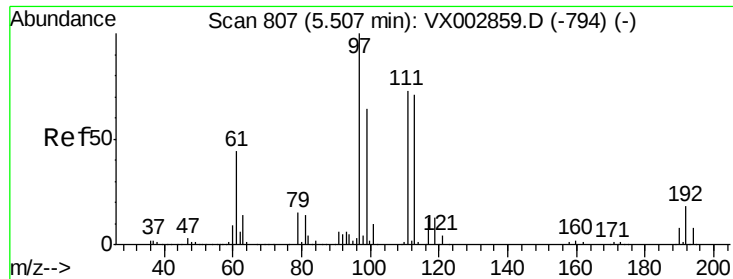
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	378169		
63	20.2	0.0	41.4	
88	14.9	0.0	30.0	





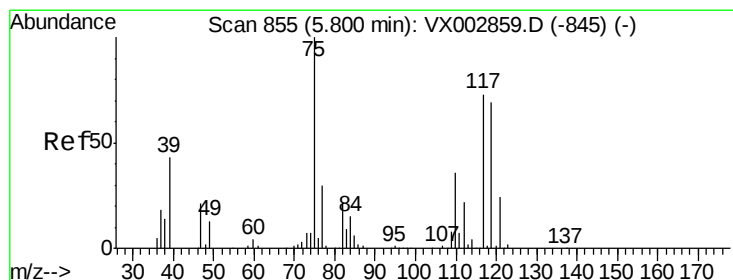
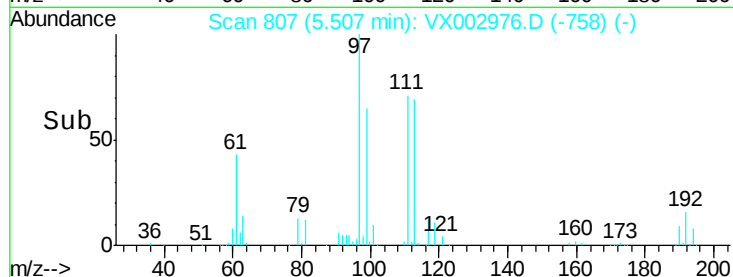
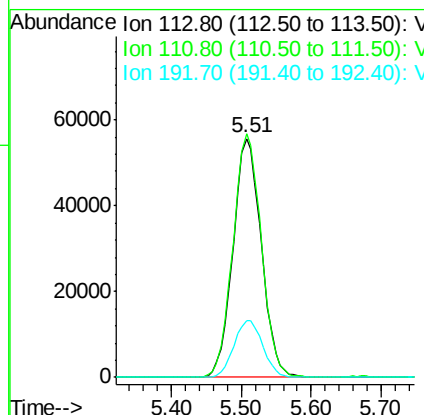
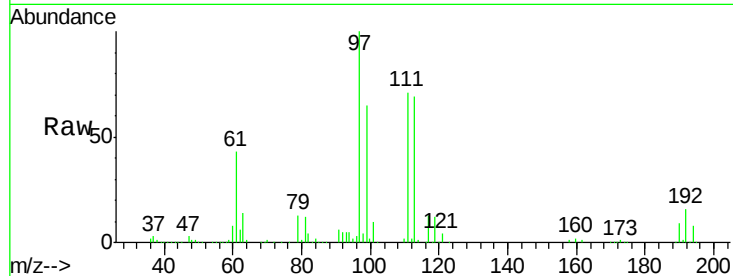
#35
 Dibromofluoromethane
 Concen: 52.30 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	156630		
111	102.0	81.4	122.0	
192	24.4	19.1	28.7	

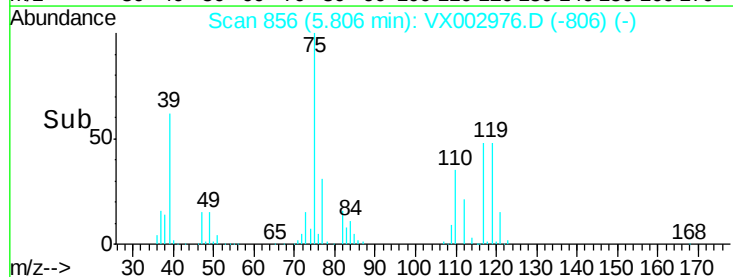
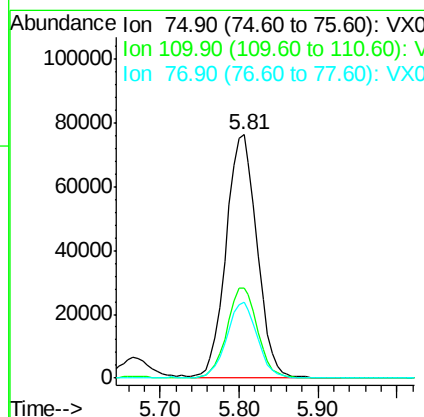
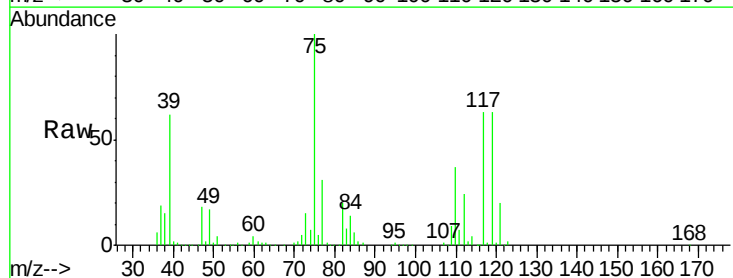
Manual Integrations
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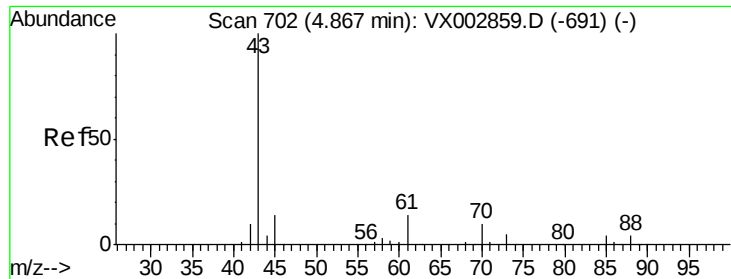
apatel
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#36
 1,1-Dichloropropene
 Concen: 50.19 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208161		
110	36.8	18.1	54.4	
77	30.4	24.3	36.5	





#37

Ethyl Acetate

Concen: 53.14 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

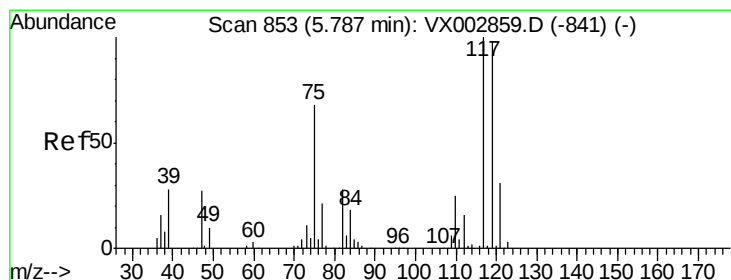
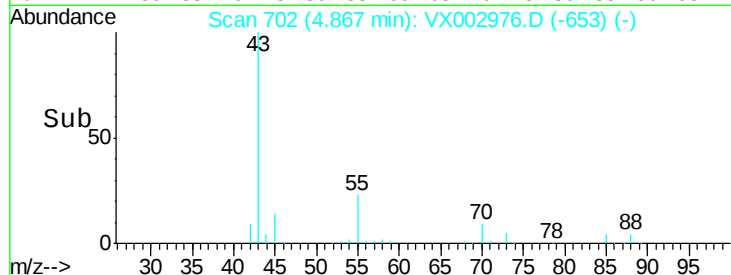
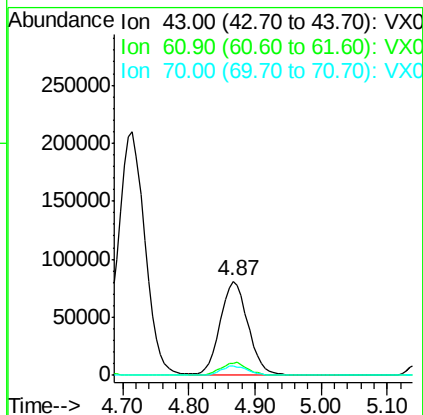
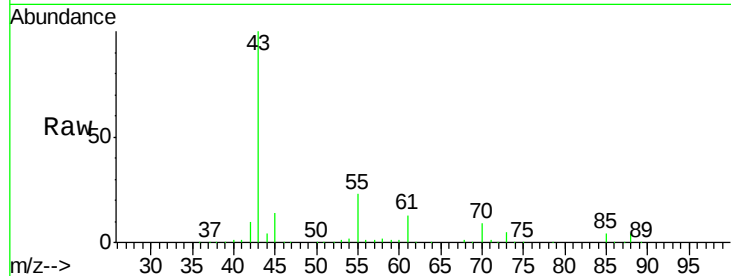
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	237285
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.6	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 51.72 ug/l

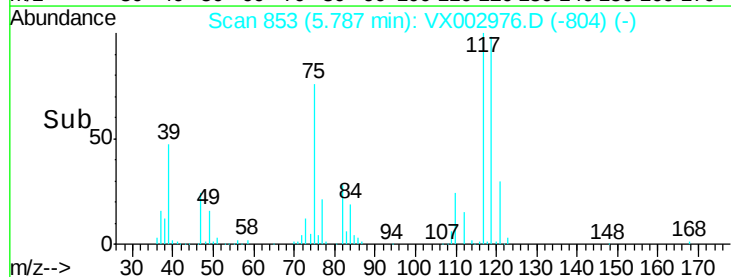
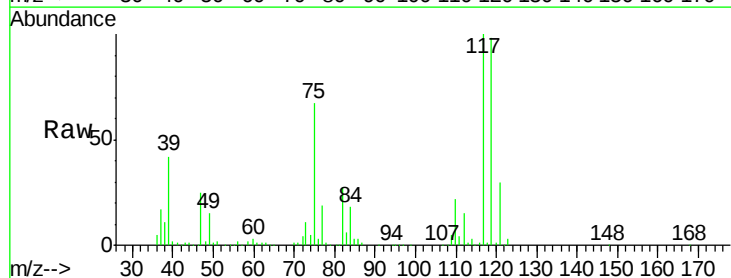
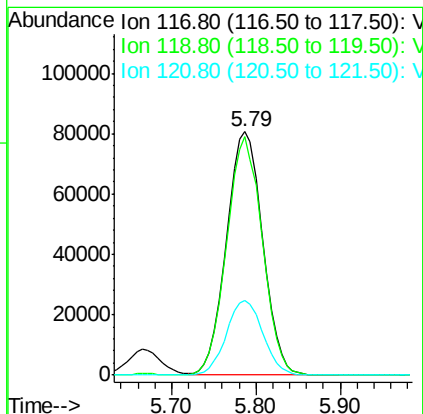
RT: 5.79 min Scan# 853

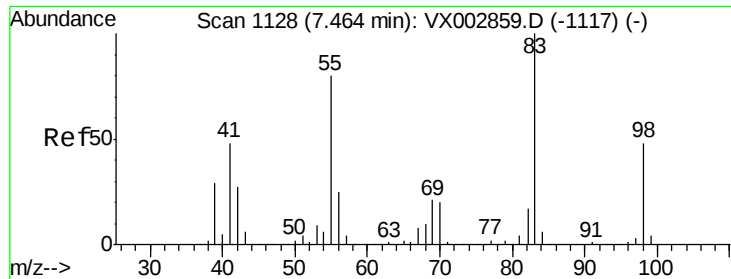
Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion:	117	Resp:	235366
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
121	30.5	24.4	36.6





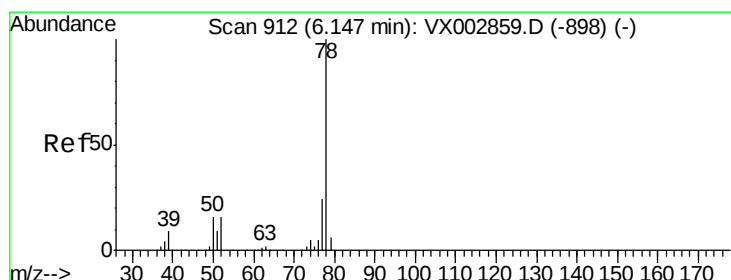
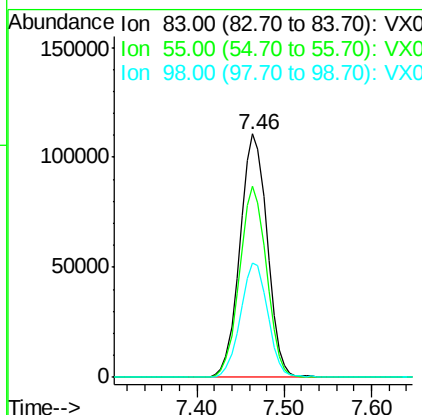
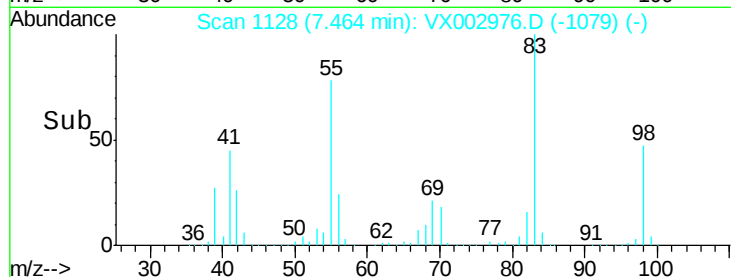
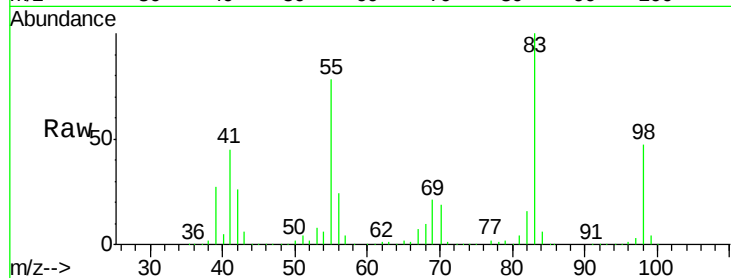
#39
Methvlcvclohexane
Concen: 49.64 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.4	98.0
98	47.0	37.4	56.0

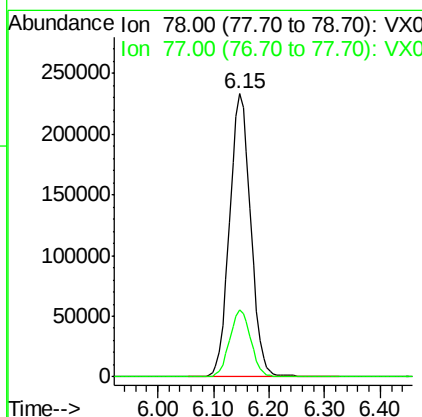
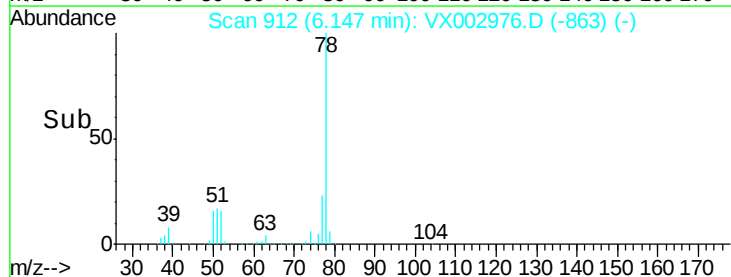
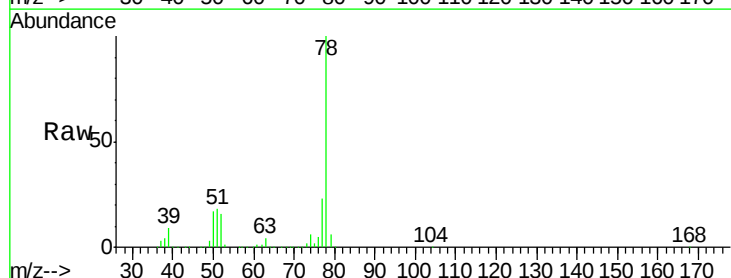
Manual Integrations
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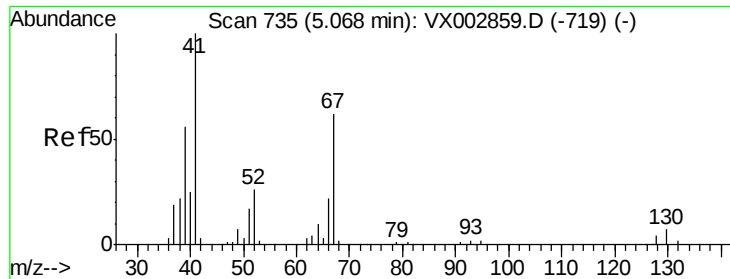
apatel
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#40
Benzene
Concen: 50.93 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





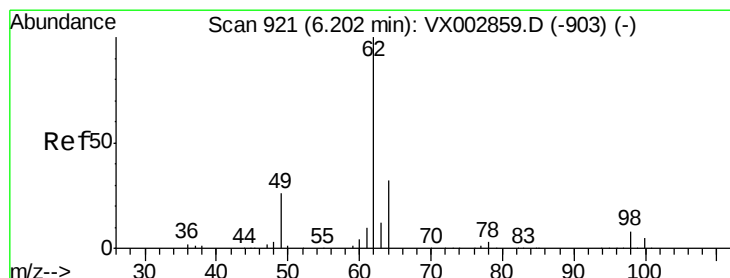
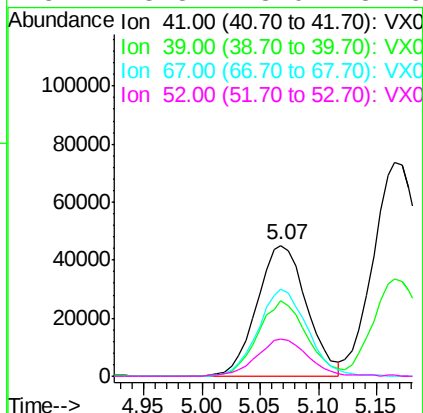
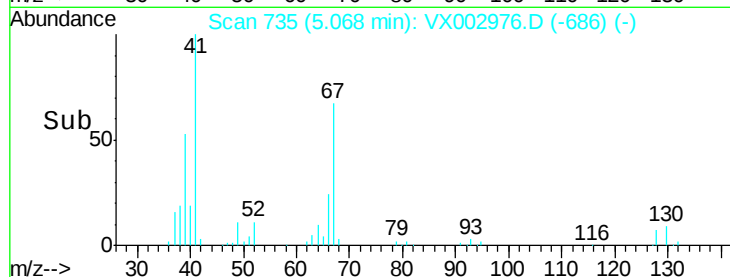
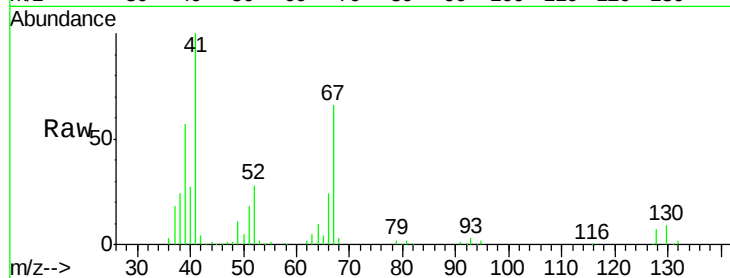
#41
Methacrylonitrile
Concen: 51.60 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	45.8	68.6	
67	66.3	51.3	76.9	
52	28.8	23.0	34.6	

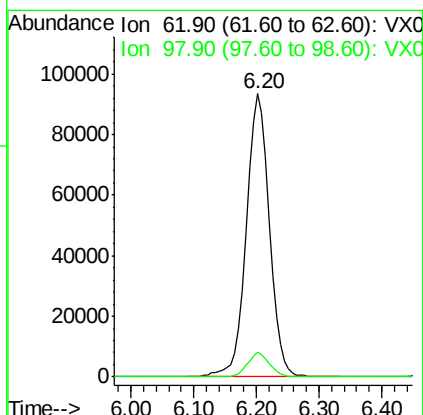
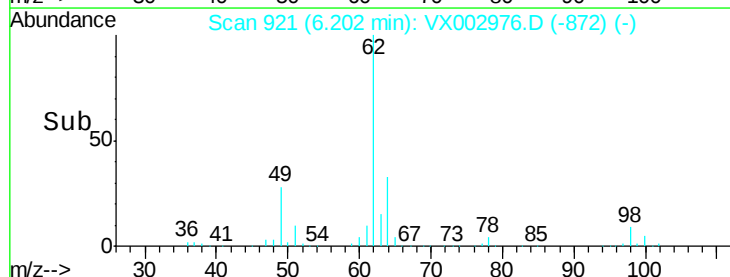
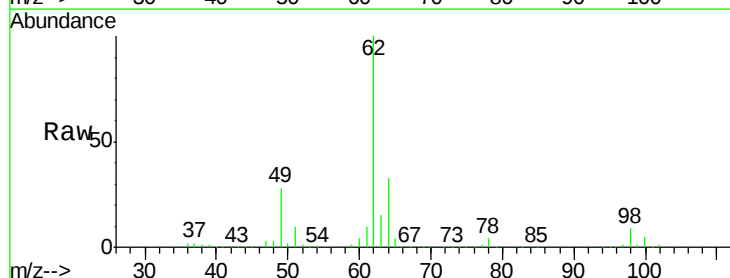
Manual Integrations
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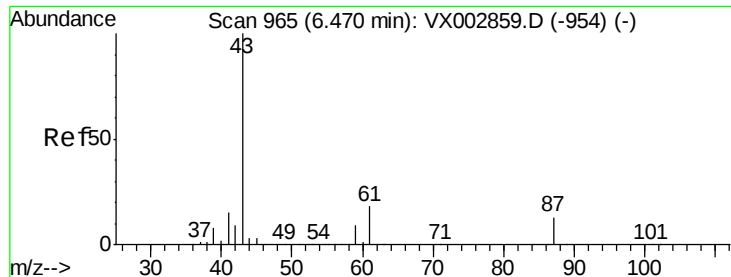
apatel
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#42
1,2-Dichloroethane
Concen: 48.79 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





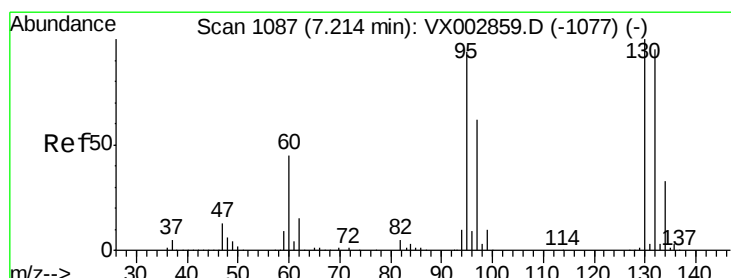
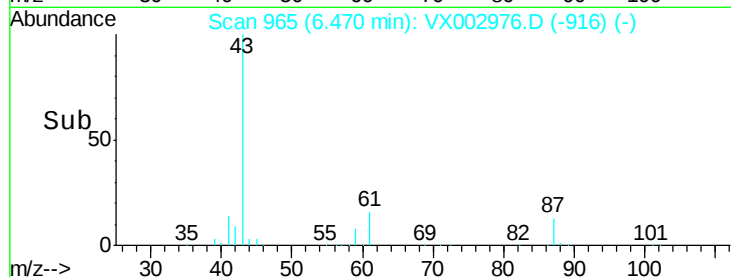
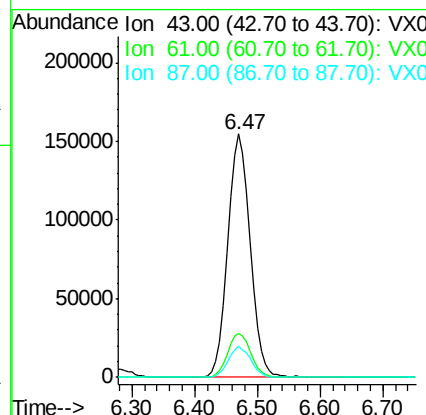
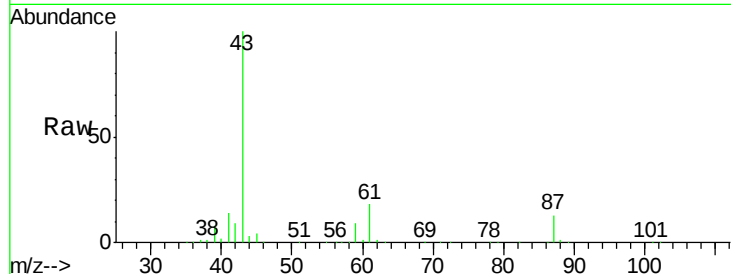
#43
Isopropyl Acetate
Concen: 51.04 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.6	9.5	14.3

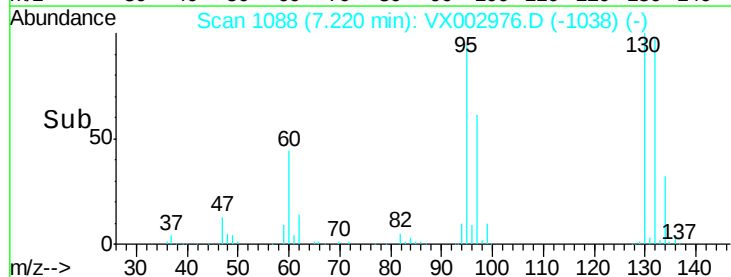
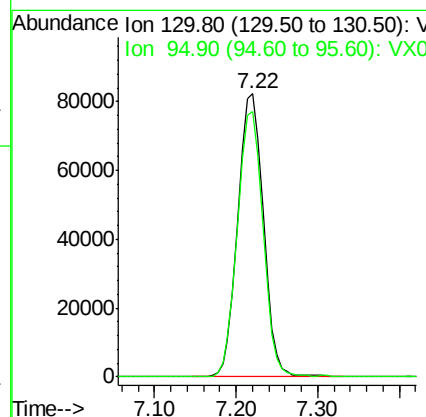
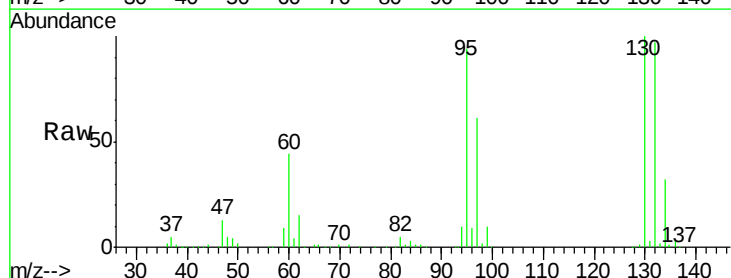
Manual Integrations
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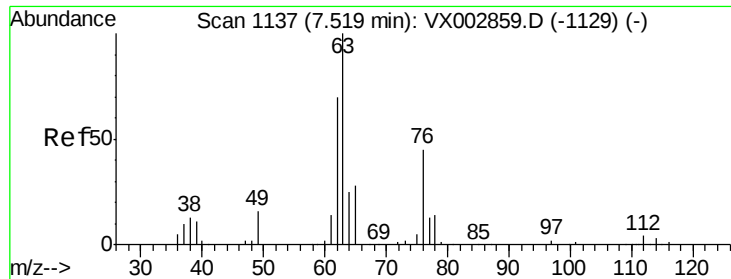
apatel
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#44
Trichloroethene
Concen: 49.69 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.37 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 161011

Ion Ratio Lower Upper

63 100

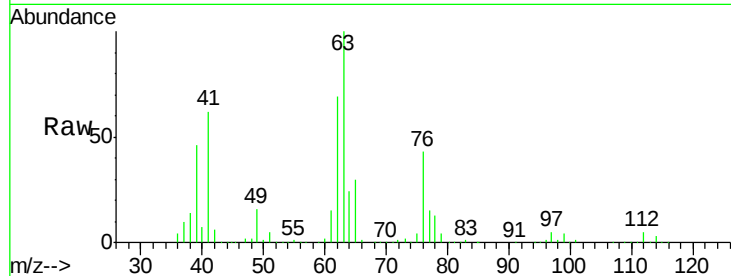
65 30.4 24.7 37.1

Manual Integrations

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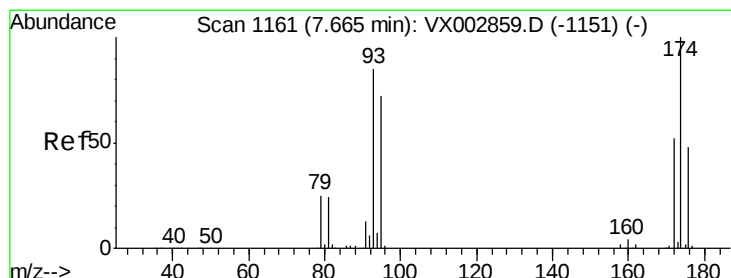
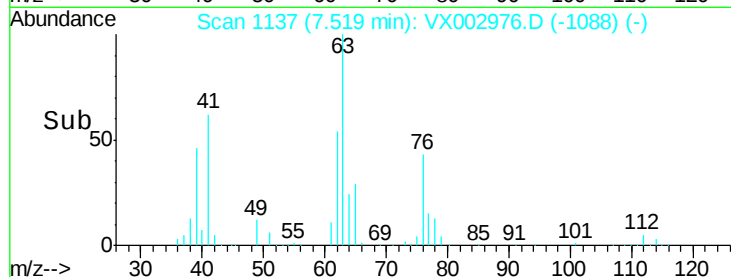
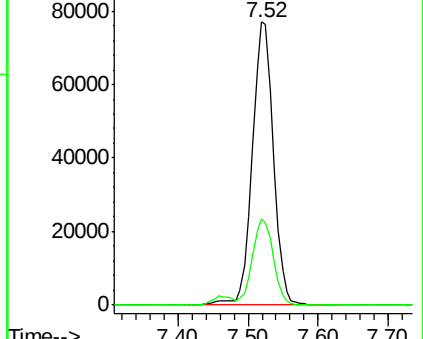
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.53 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

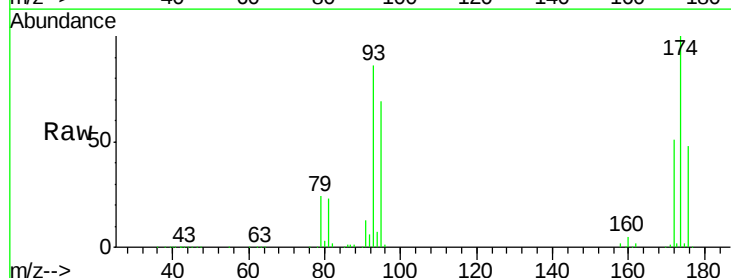
Tgt Ion: 93 Resp: 112078

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

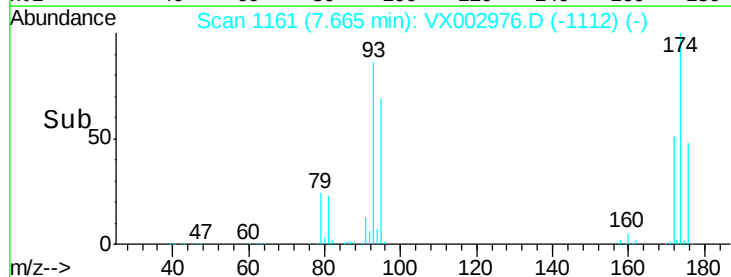
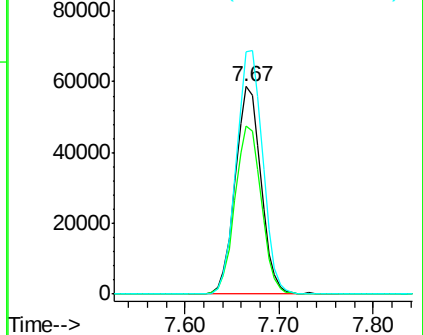
174 120.2 92.4 138.6

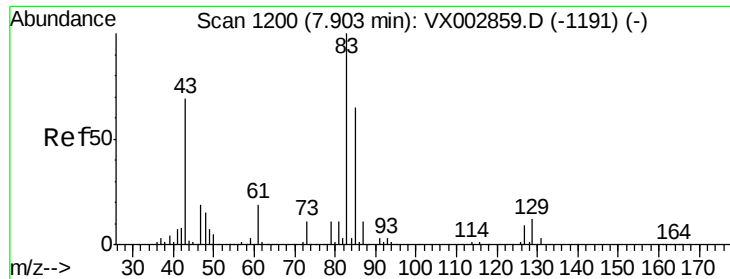


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.14 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

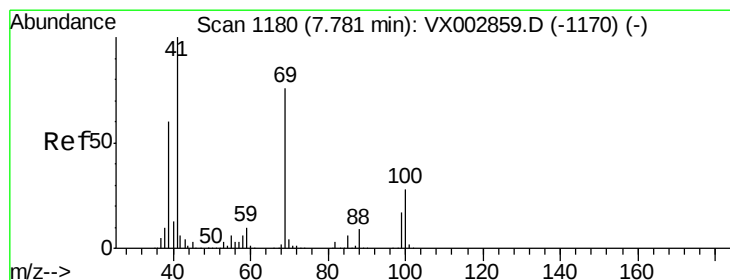
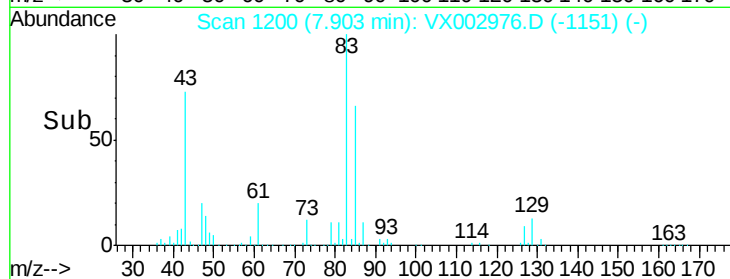
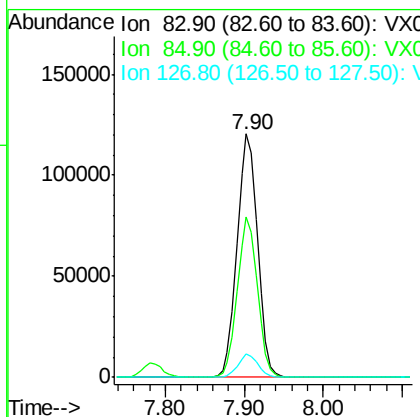
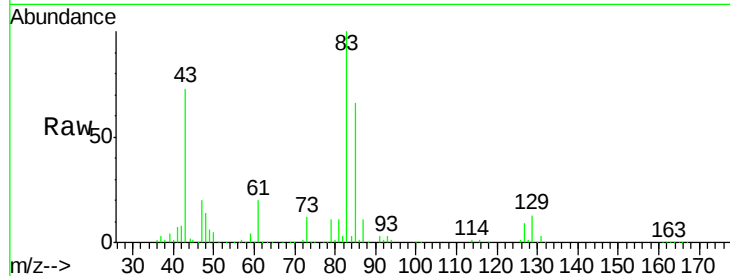
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	217914
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.87 ug/l

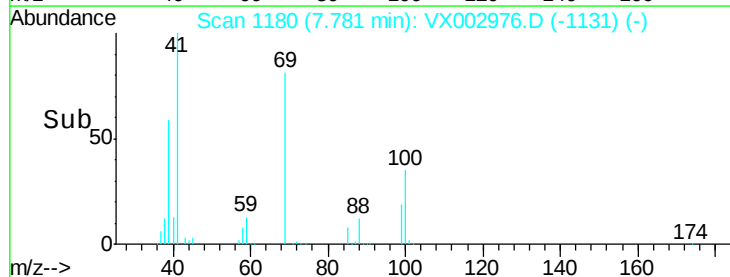
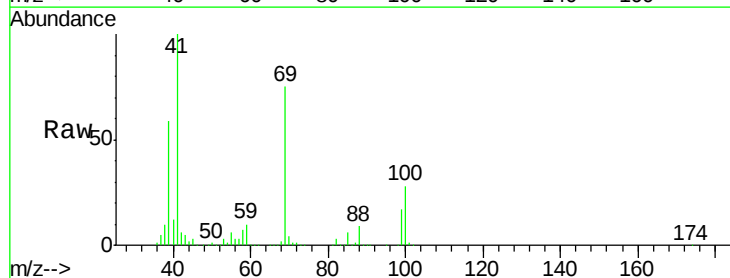
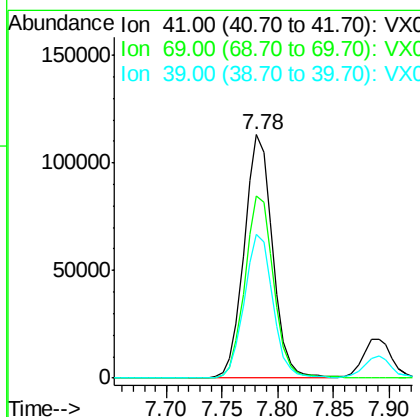
RT: 7.78 min Scan# 1180

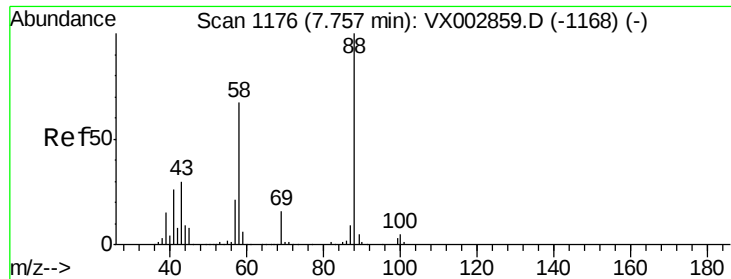
Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion:	41	Resp:	200154
Ion	Ratio	Lower	Upper
41	100		
69	76.3	59.1	88.7
39	59.3	48.9	73.3





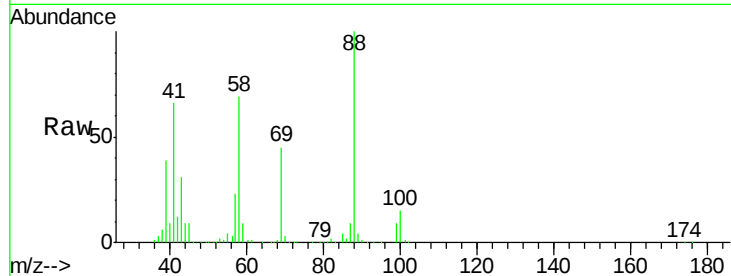
#49
 1,4-Dioxane
 Concen: 988.82 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.8	44.6
58	70.4	57.1	85.7

Manual Integrations
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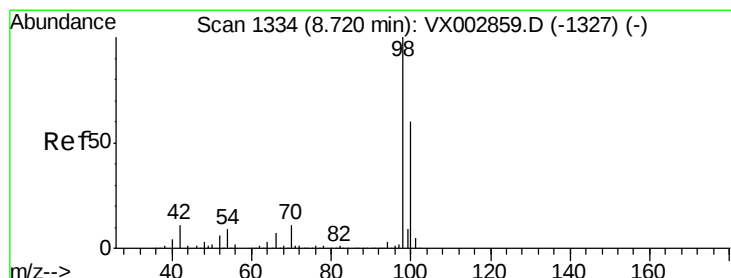
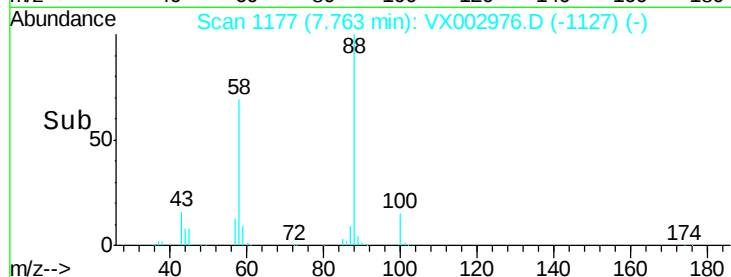
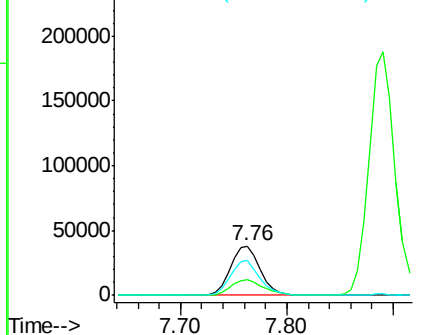


Abundance

Ion 88.00 (87.70 to 88.70): VX0

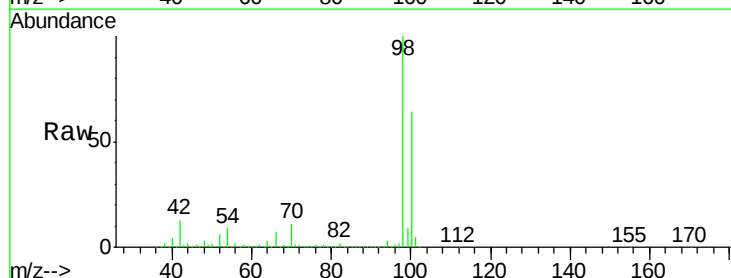
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 51.04 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

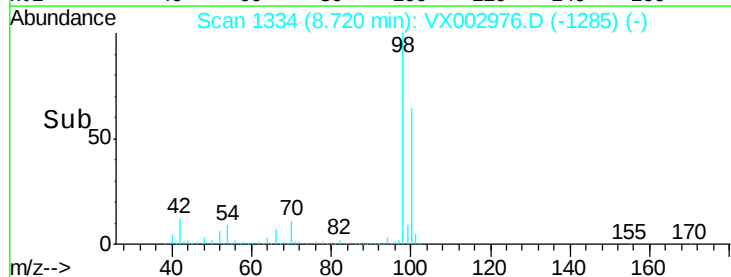
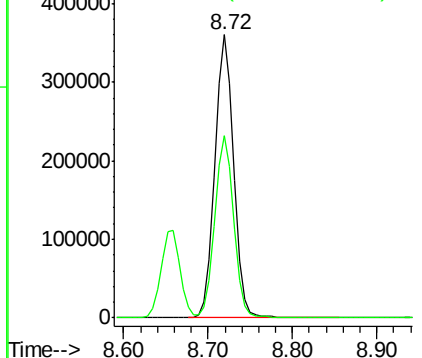
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3

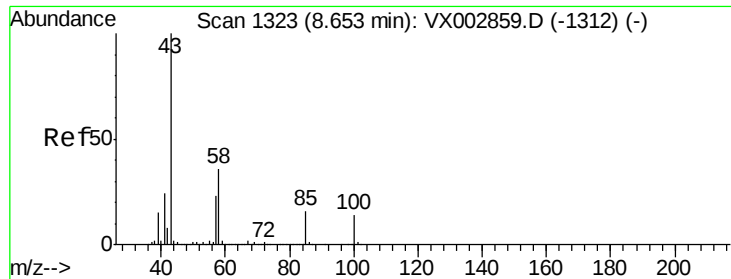


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 262.06 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1227857

Ion Ratio Lower Upper

43 100

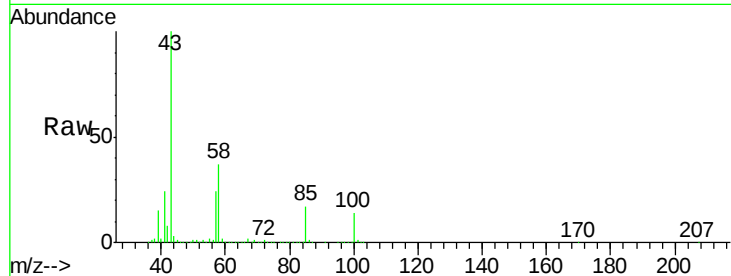
58 36.7 28.6 42.8

Manual Integrations

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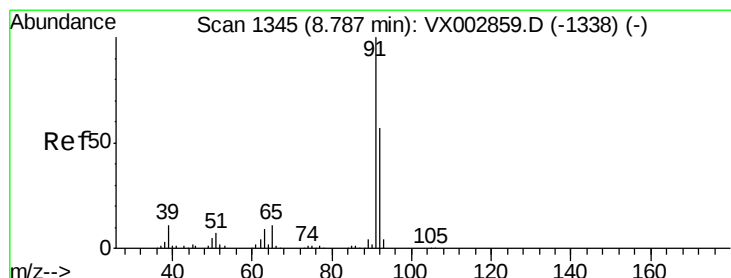
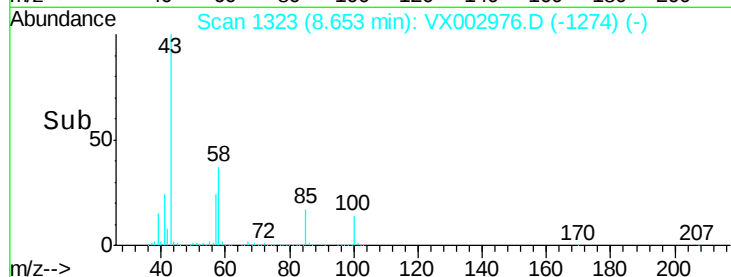
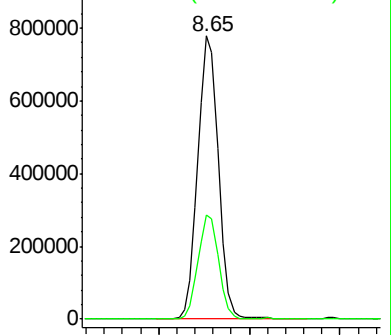
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002976.D

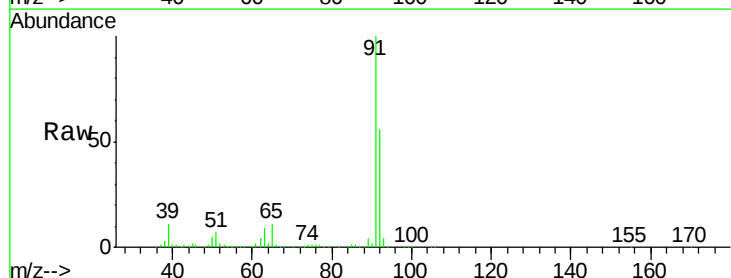
Acq: 28 Jun 2018 09:43

Tgt Ion: 92 Resp: 394936

Ion Ratio Lower Upper

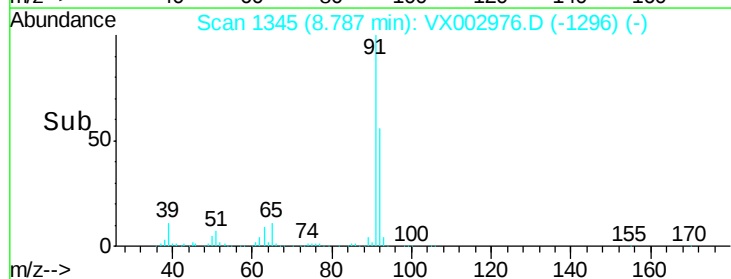
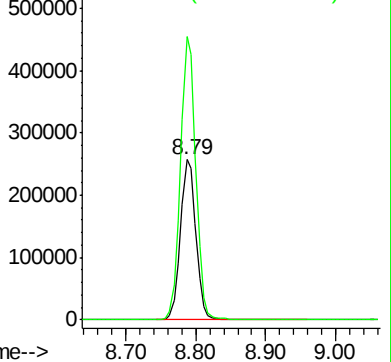
92 100

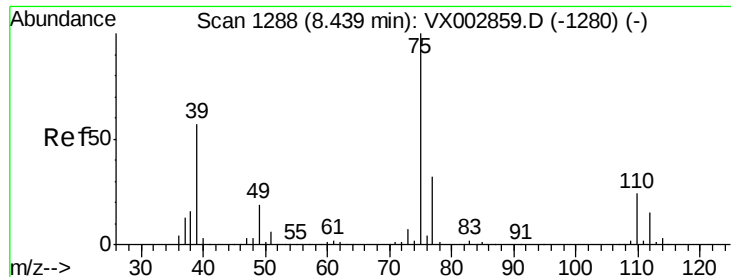
91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.18 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tot Ion: 75 Resp: 228388

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

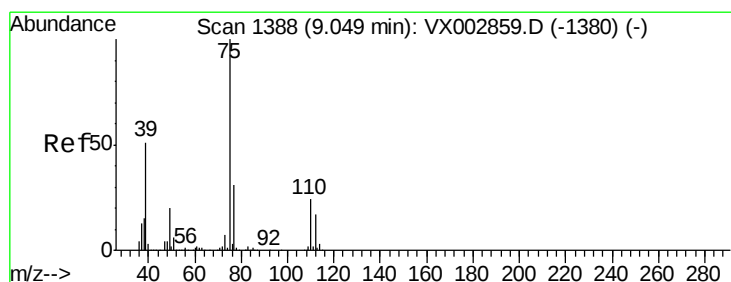
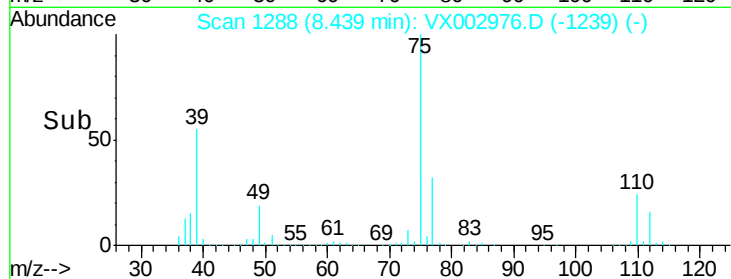
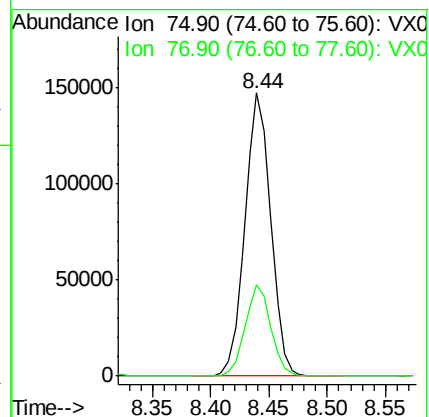
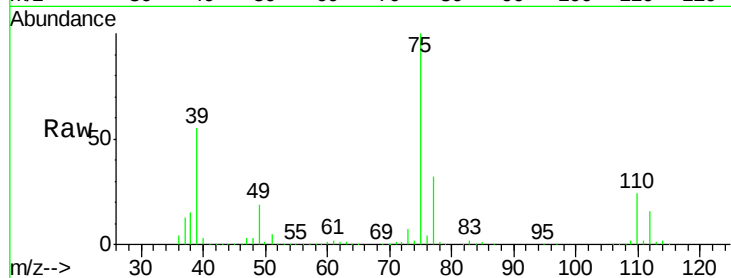
VSTDCCC050EC

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#54

cis-1,3-Dichloropropene

Concen: 47.99 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

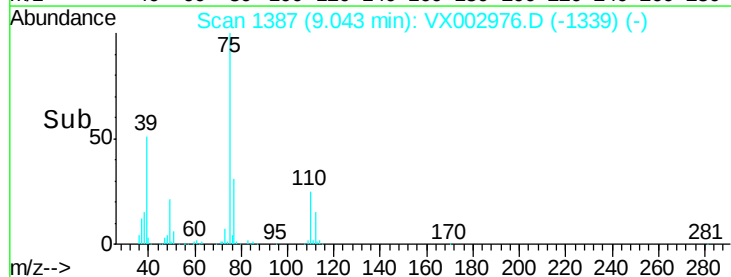
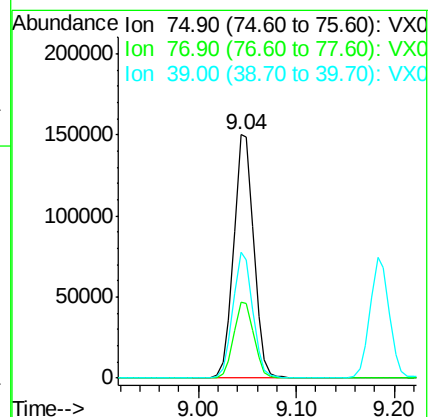
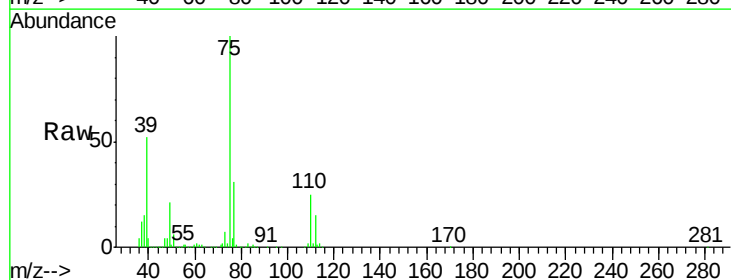
Tgt Ion: 75 Resp: 214460

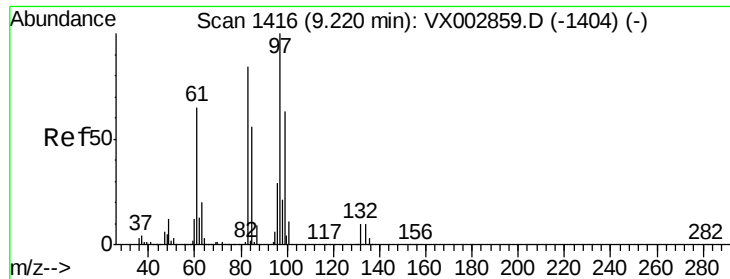
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 51.4 42.4 63.6





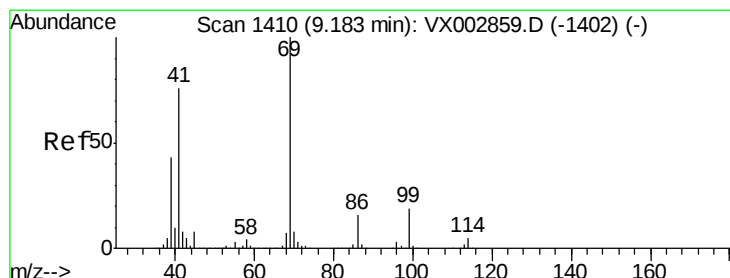
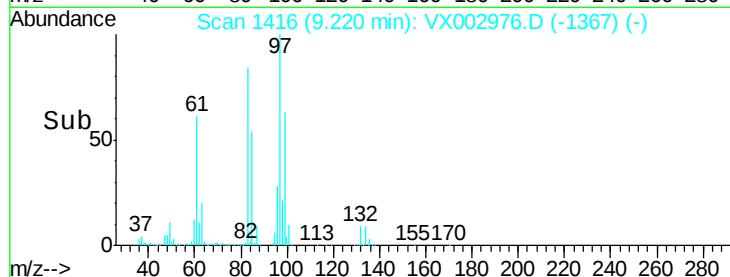
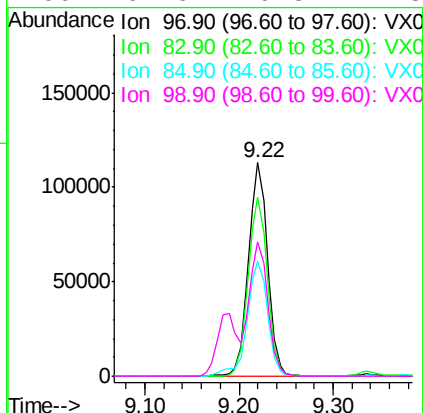
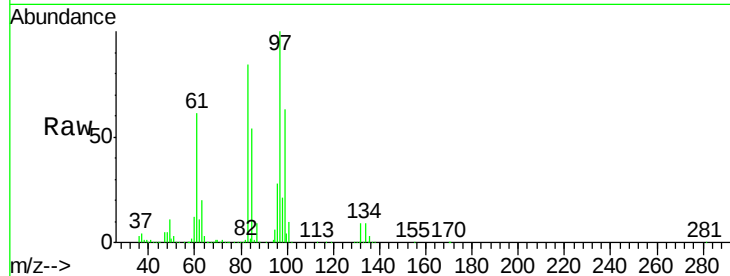
#55
 1,1,2-Trichloroethane
 Concen: 51.11 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	162133
Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.2	105.2
85	53.8	44.9	67.3
99	62.6	49.8	74.8

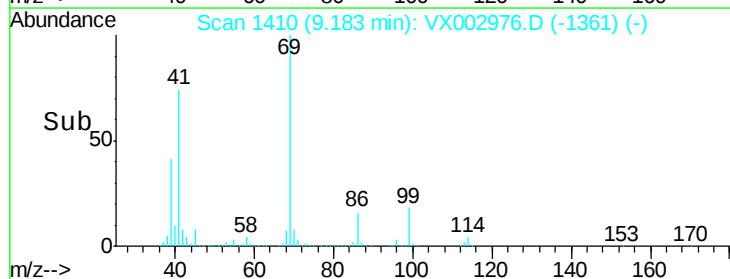
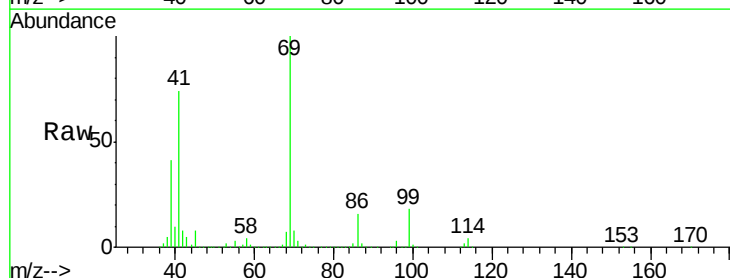
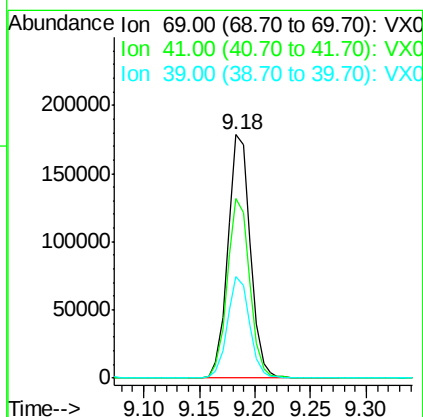
Manual Integrations
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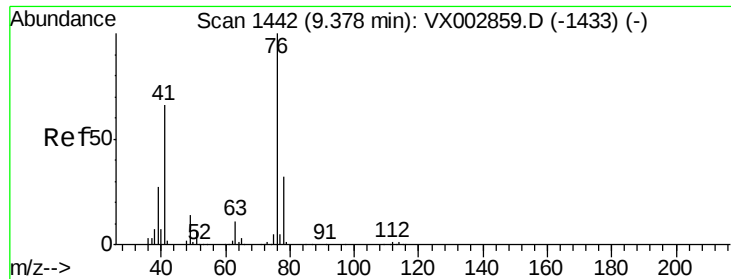
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#56
 Ethyl methacrylate
 Concen: 53.76 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion:	69	Resp:	249236
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	41.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.19 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 266698

Ion Ratio Lower Upper

76 100

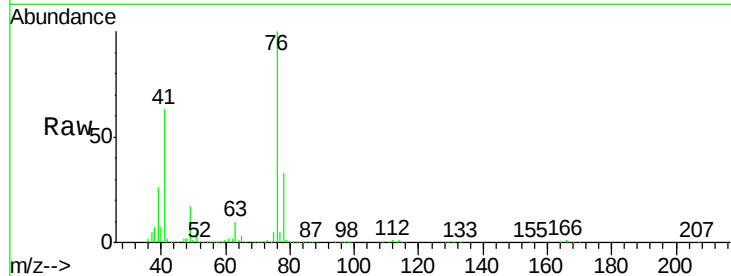
78 32.0 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

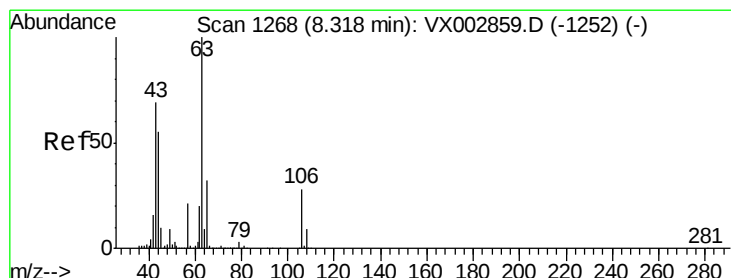
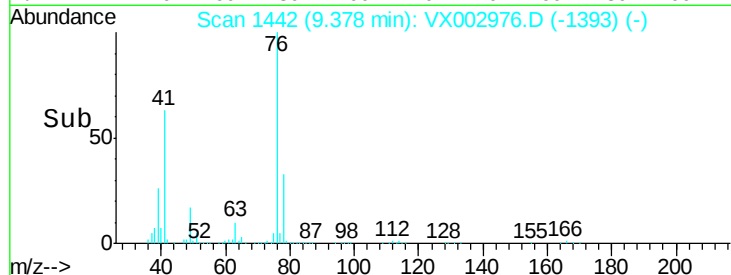
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.02 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002976.D

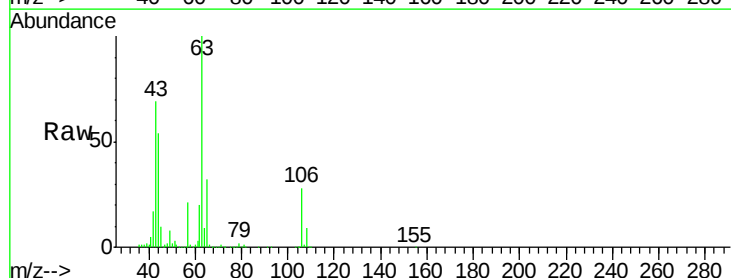
Acq: 28 Jun 2018 09:43

Tgt Ion: 63 Resp: 579302

Ion Ratio Lower Upper

63 100

106 28.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

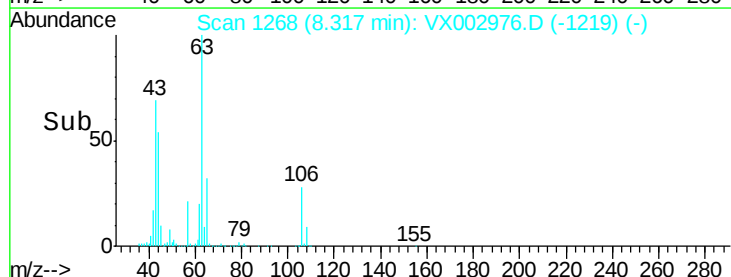
300000

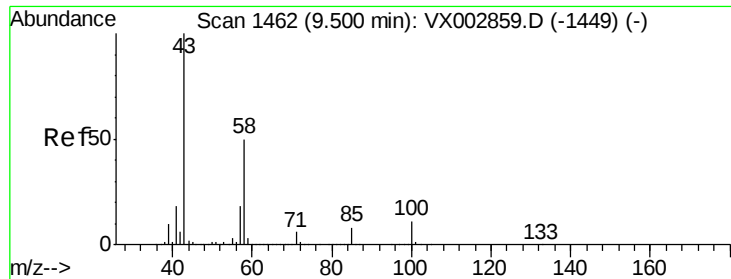
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100000

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Time-->





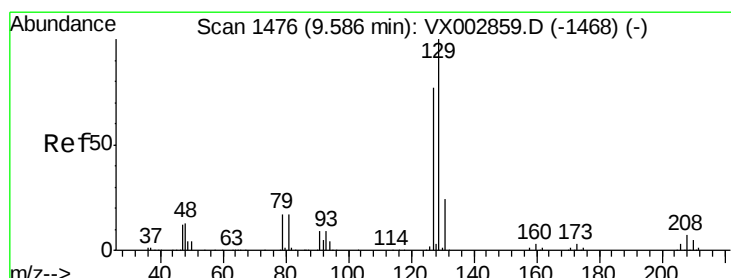
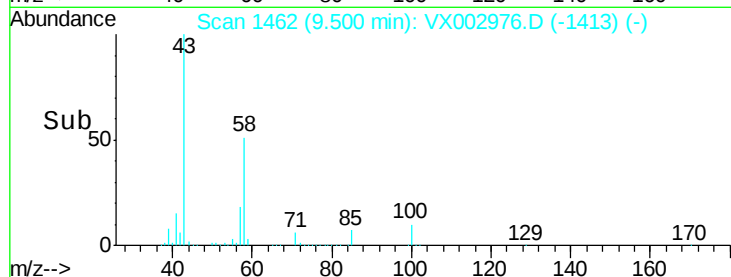
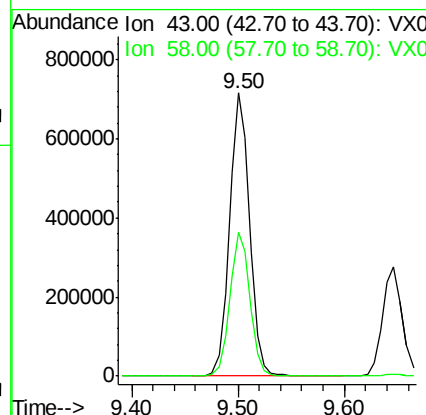
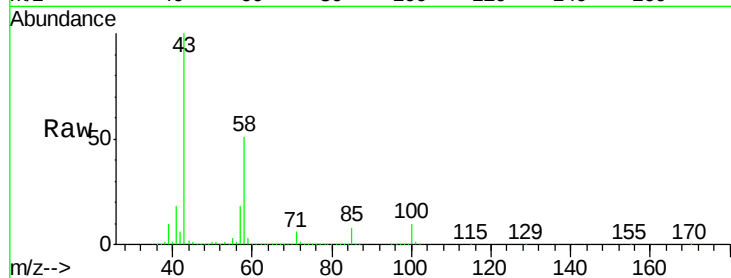
#59
2-Hexanone
Concen: 264.38 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	941446
Ion Ratio	Lower	Upper	
43	100		
58	51.0	24.6	73.6

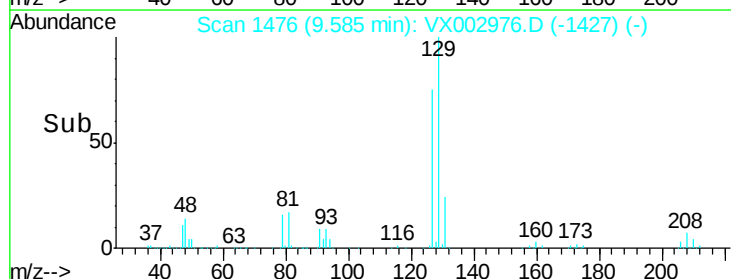
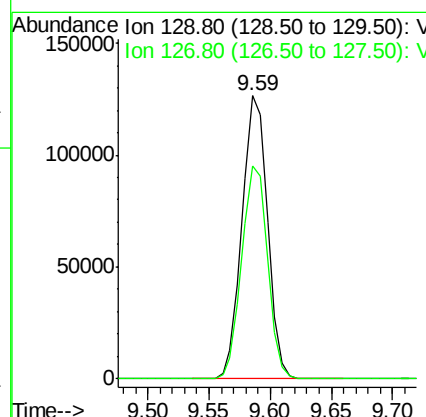
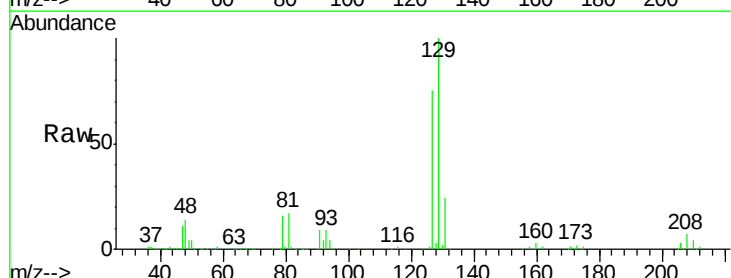
Manual Integrations
APPROVED

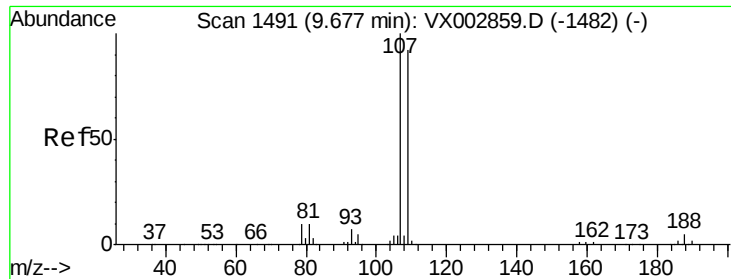
apatel
6/28/2018 4:55:55 PM



#60
Dibromochloromethane
Concen: 54.71 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	129	Resp	182678
Ion Ratio	Lower	Upper	
129	100		
127	76.4	38.5	115.3





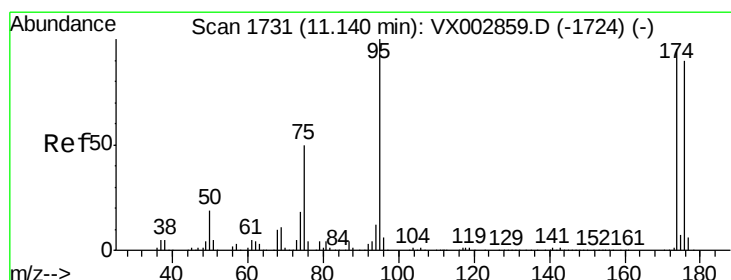
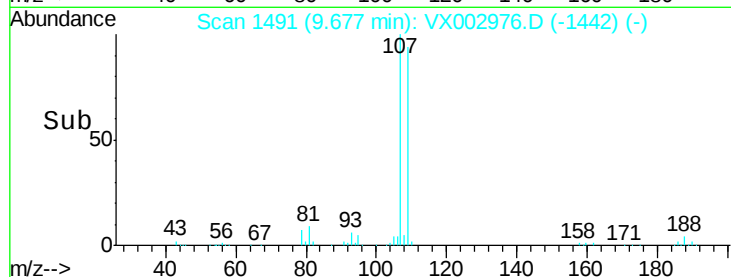
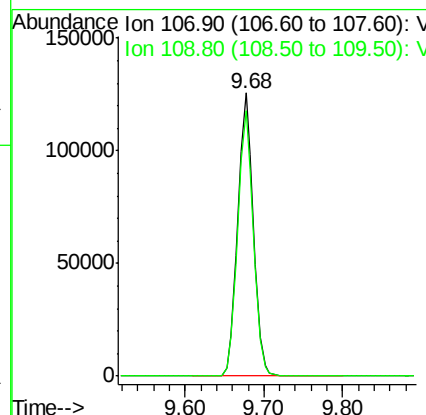
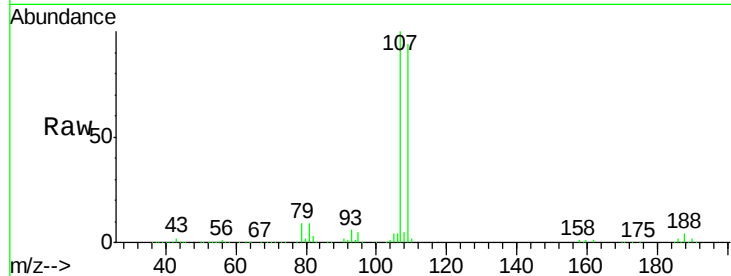
#61
 1,2-Dibromoethane
 Concen: 52.17 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	173572		
109	94.2	75.3	112.9	

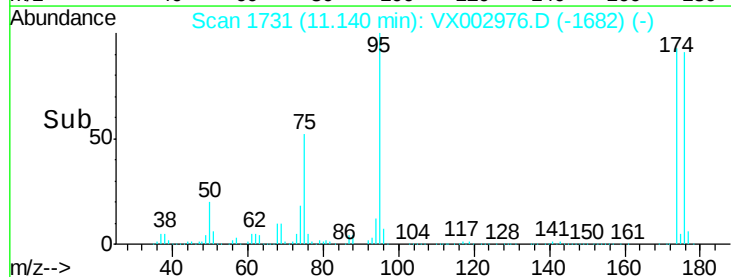
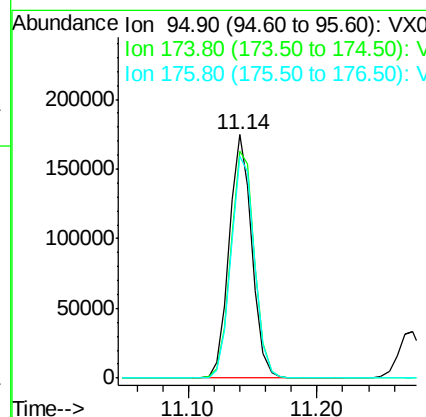
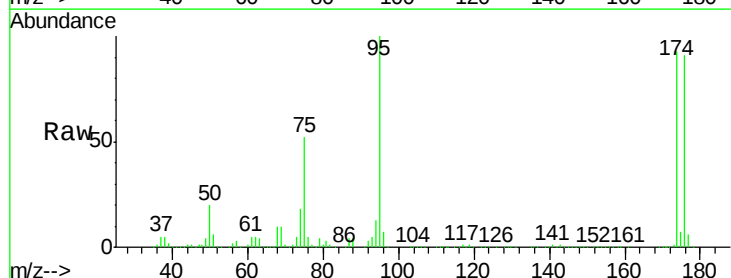
Manual Integrations
 APPROVED

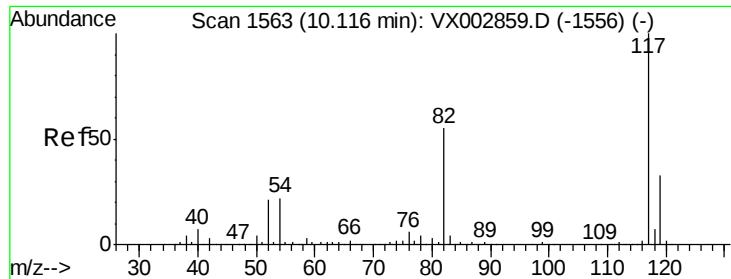
apatel
 6/28/2018 4:55:55 PM



#62
 4-Bromofluorobenzene
 Concen: 51.37 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	216667		
174	97.4	0.0	187.4	
176	94.4	0.0	181.0	





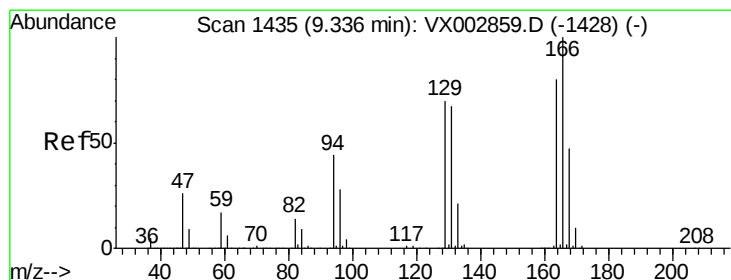
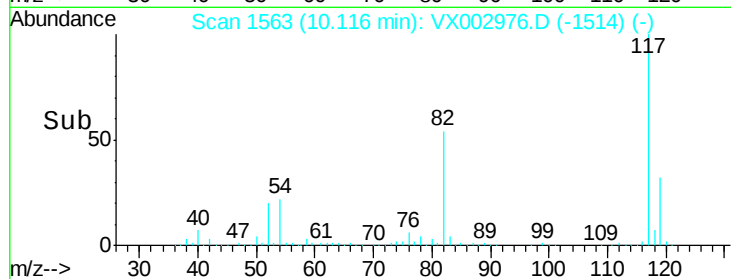
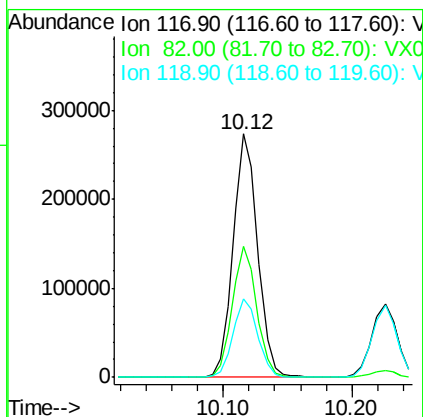
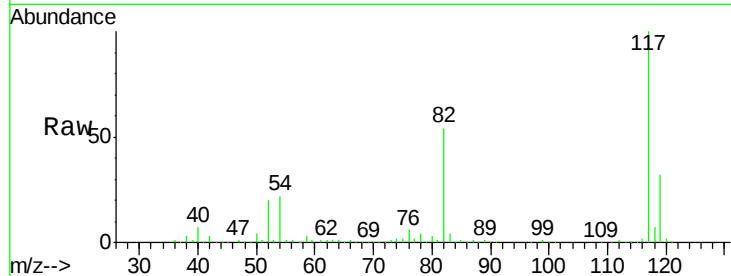
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.4	25.8	38.6

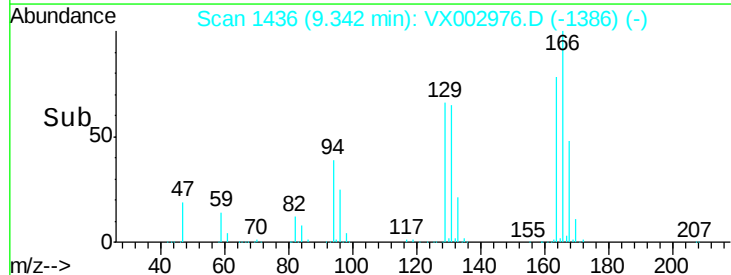
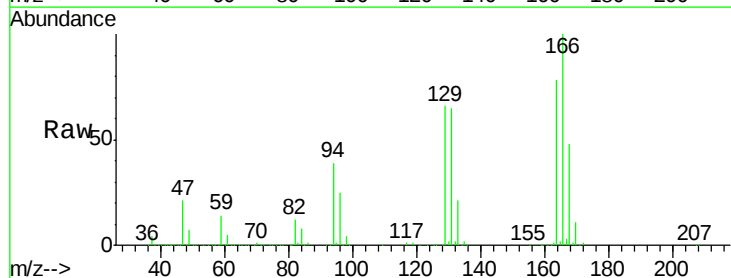
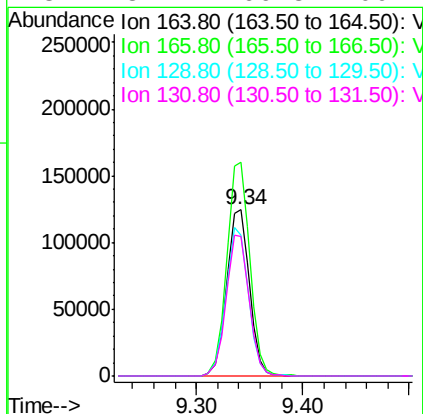
Manual Integrations
APPROVED

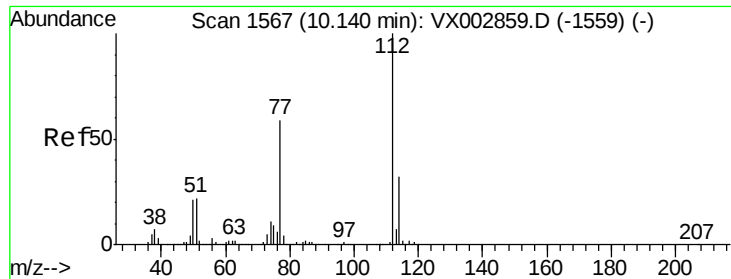
apatel
6/28/2018 4:55:55 PM



#64
Tetrachloroethene
Concen: 46.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.9	154.3
129	84.4	68.6	102.8
131	84.1	66.8	100.2





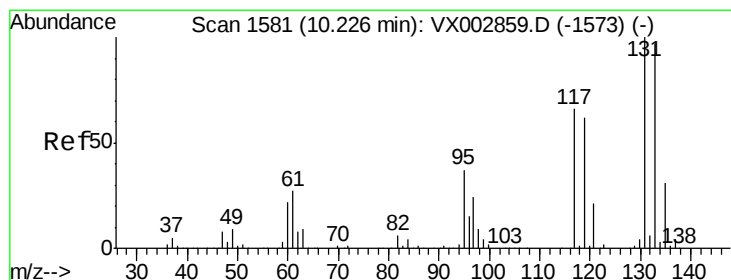
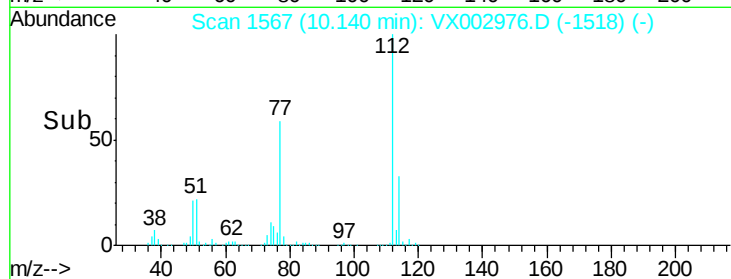
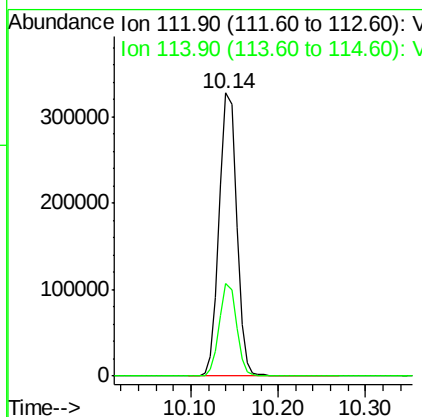
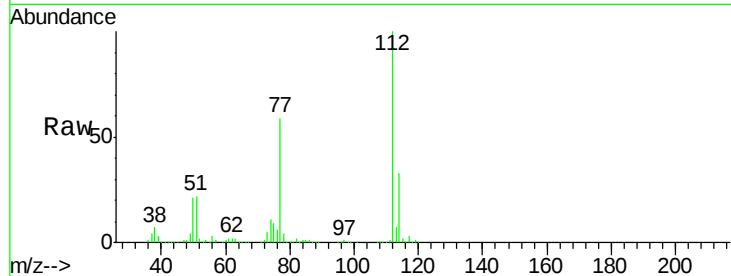
#65
Chlorobenzene
Concen: 49.11 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 453726
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9

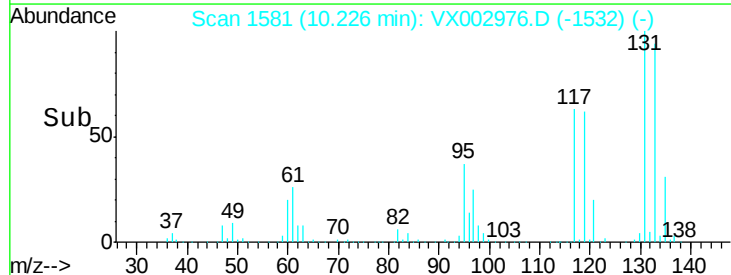
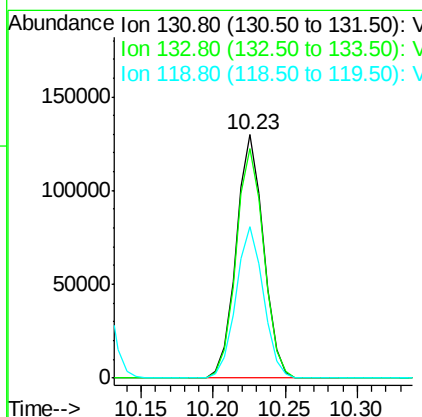
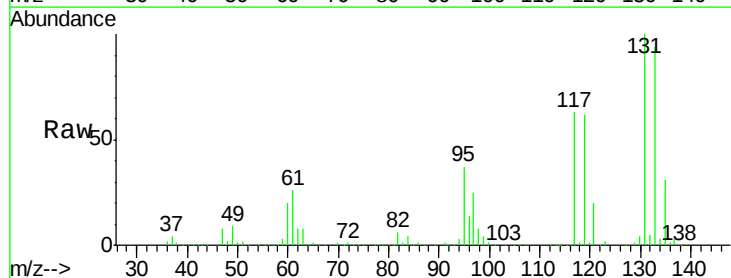
Manual Integrations
APPROVED

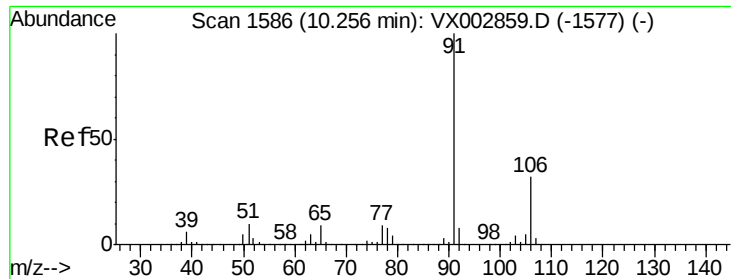
apatel
6/28/2018 4:55:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.13 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion:131 Resp: 171589
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 62.7 31.8 95.3





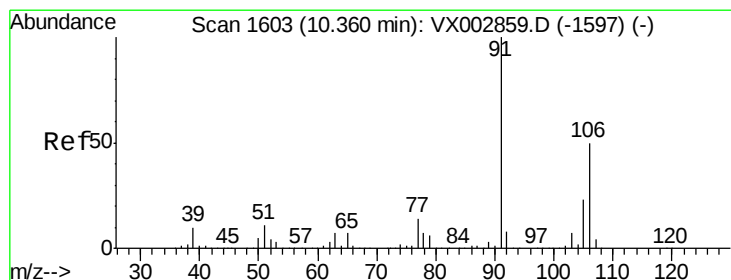
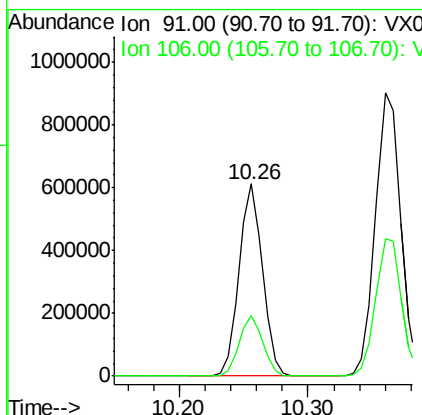
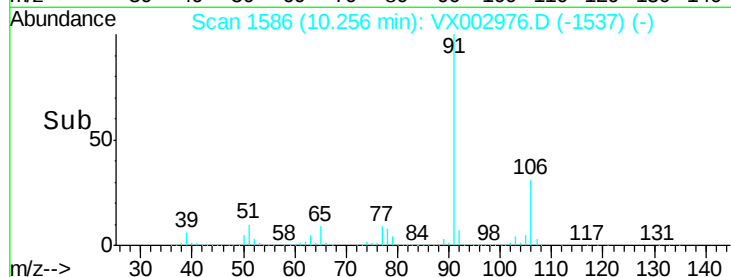
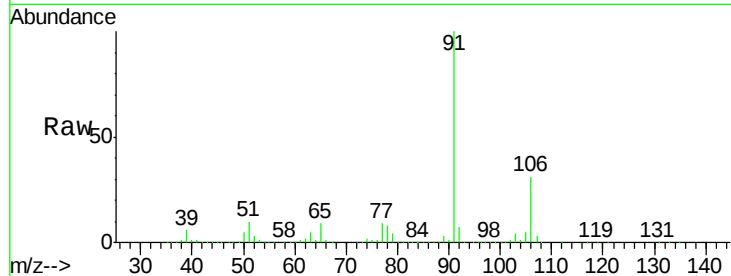
#67
Ethyl Benzene
Concen: 50.88 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 91 Resp: 776468
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

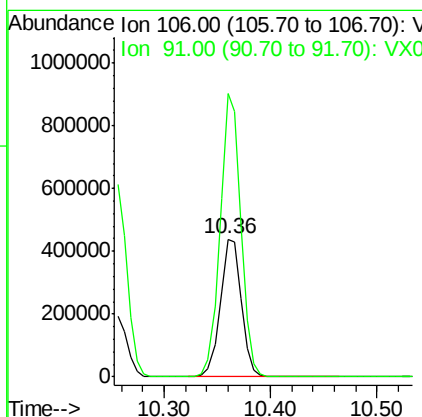
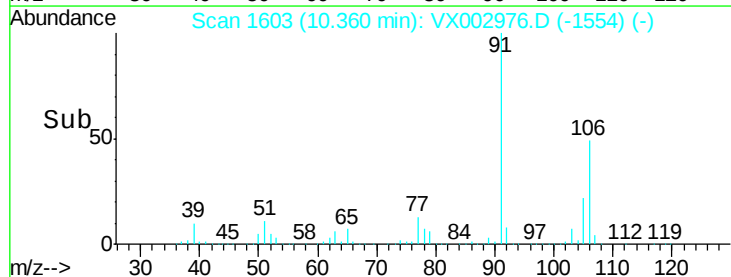
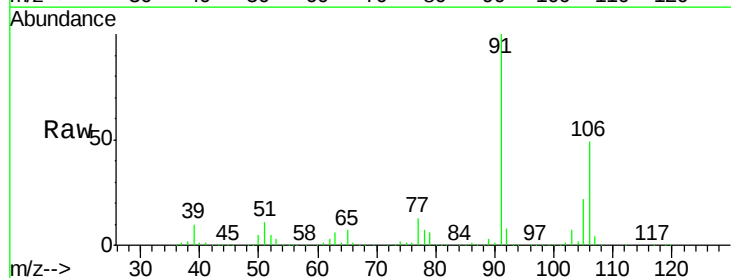
Manual Integrations
APPROVED

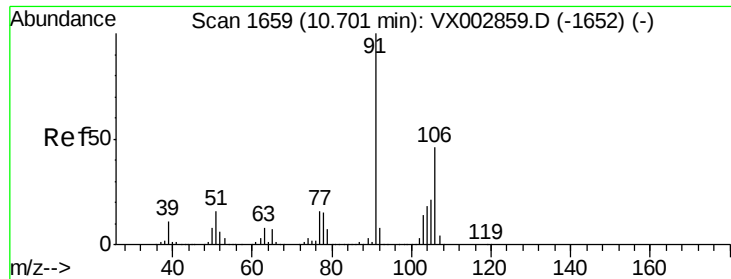
apatel
6/28/2018 4:55:55 PM



#68
m/p-Xylenes
Concen: 102.29 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 106 Resp: 601645
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2





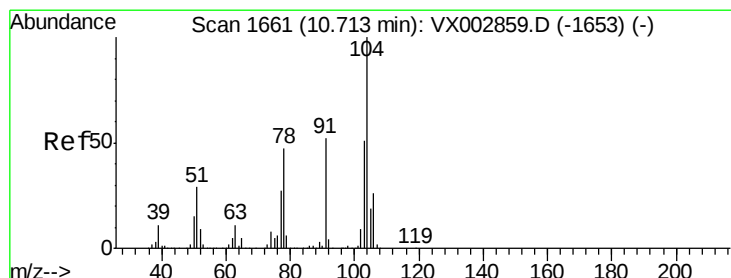
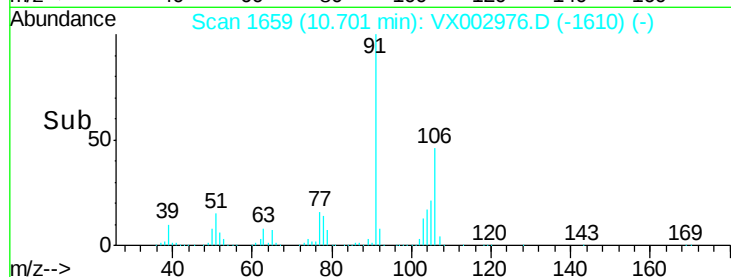
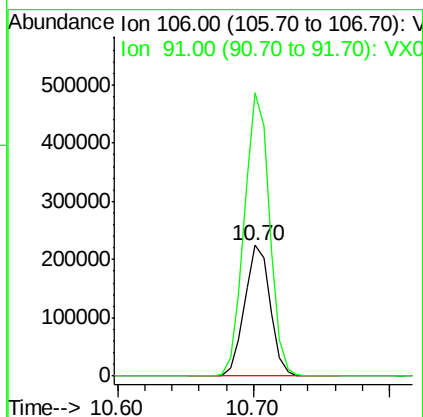
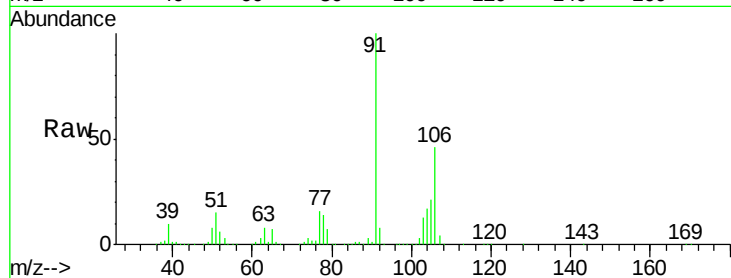
#69
o-Xylene
Concen: 51.41 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		294413		
91	214.6	108.2	324.6		

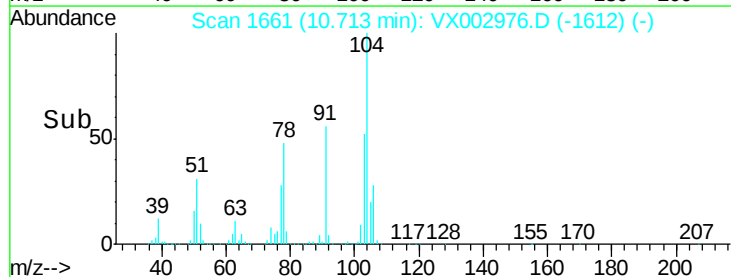
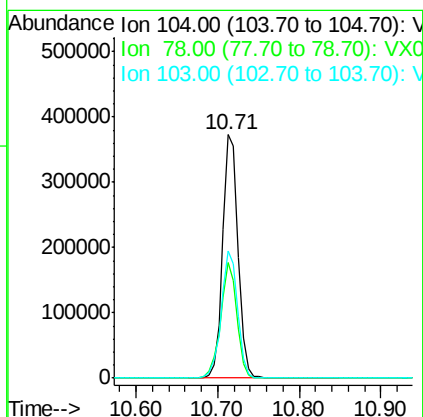
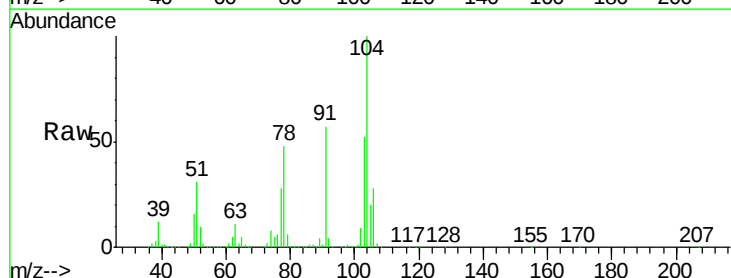
Manual Integrations
APPROVED

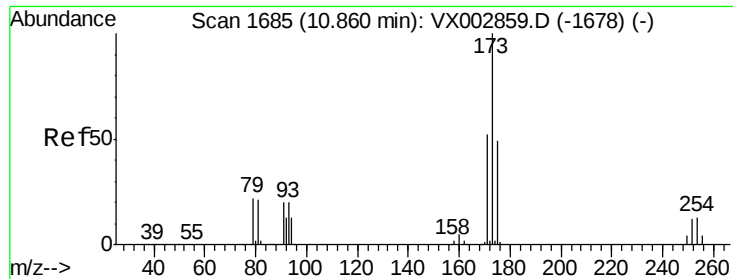
apatel
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#70
Styrene
Concen: 52.49 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		488465		
78	50.5	41.0	61.6		
103	55.8	44.2	66.4		





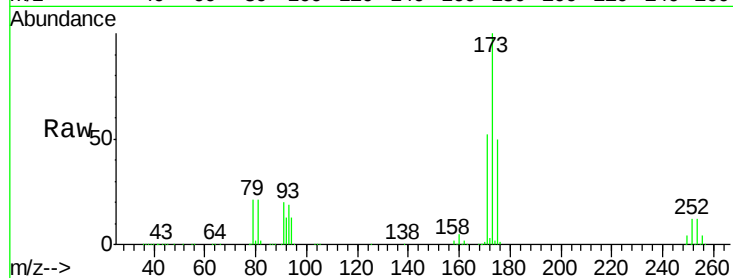
#71
Bromoform
Concen: 48.30 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

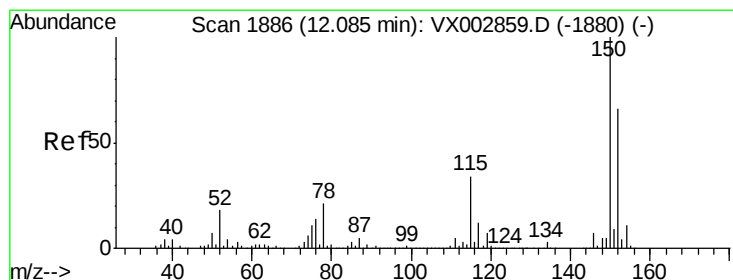
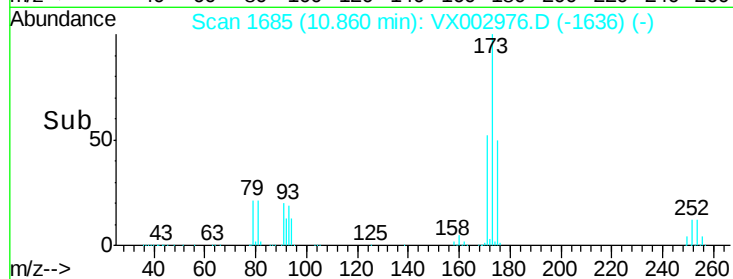
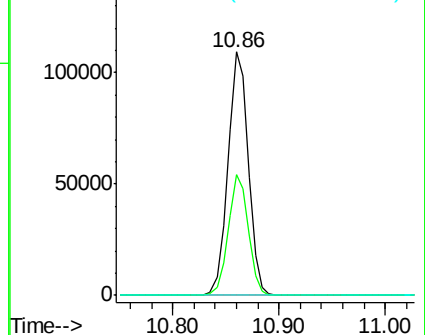
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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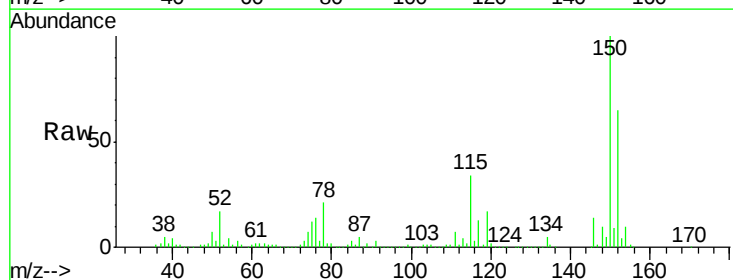


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

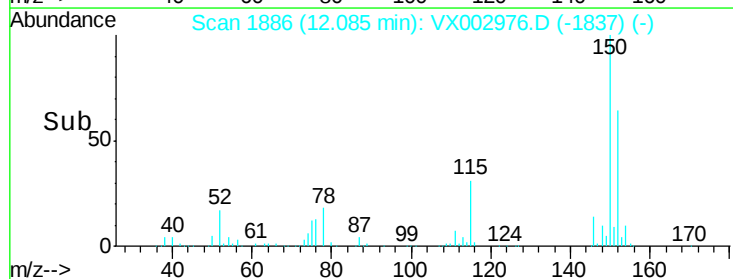
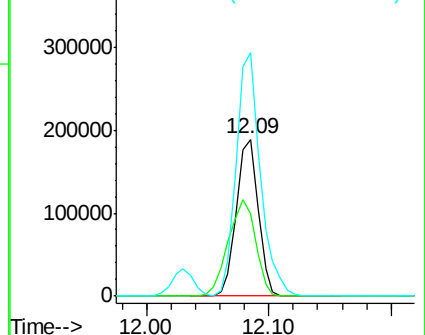


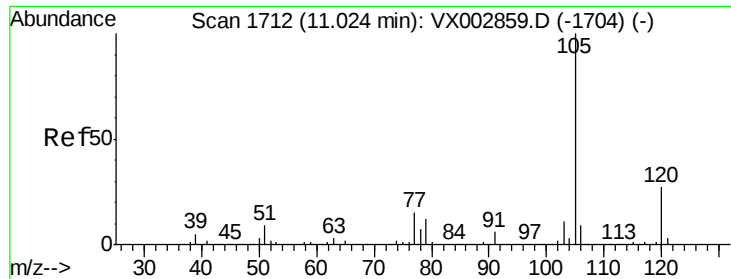
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	40.1	120.2
150	171.7	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.21 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 798770

Ion Ratio Lower Upper

105 100

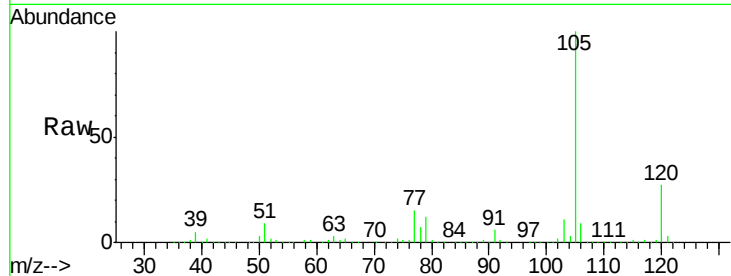
120 27.0 13.5 40.4

Manual Integrations

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apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

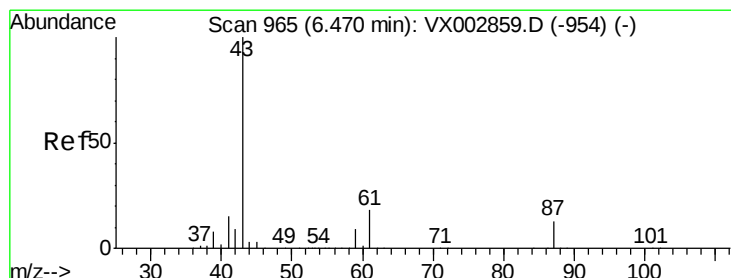
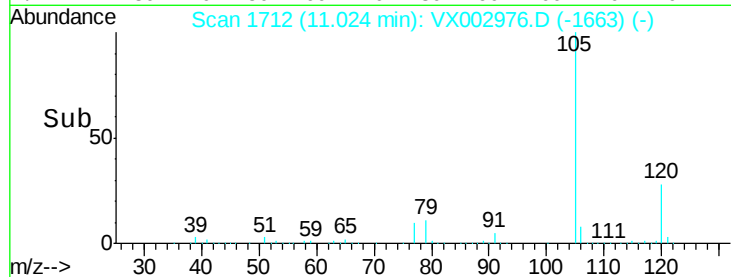
400000

200000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 50.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion: 43 Resp: 382214

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.6 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

150000

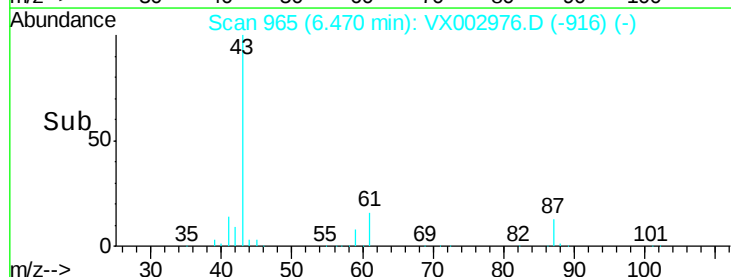
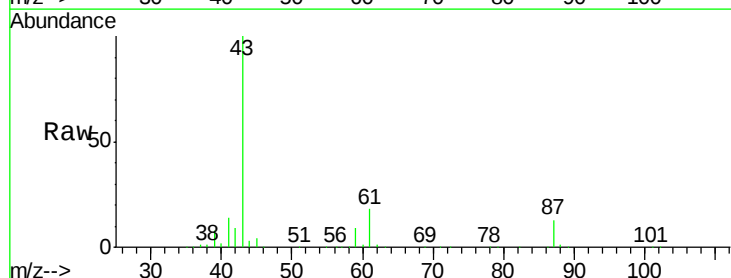
100000

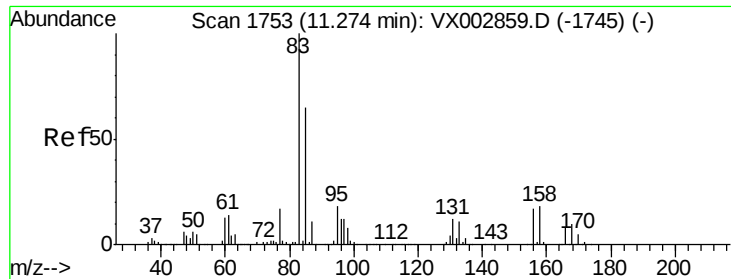
50000

0

Time-->

6.30 6.40 6.50 6.60 6.70





#75

1,1,2,2-Tetrachloroethane

Concen: 52.54 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

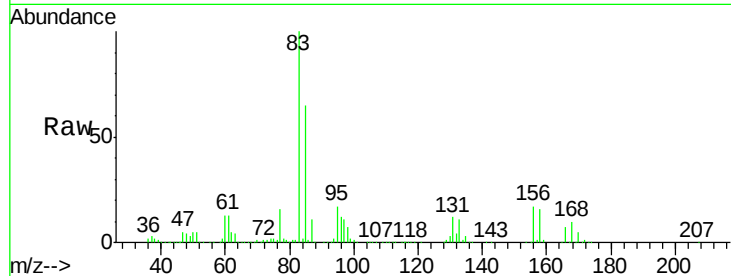
ClientSampleId :

VSTDCCC050EC

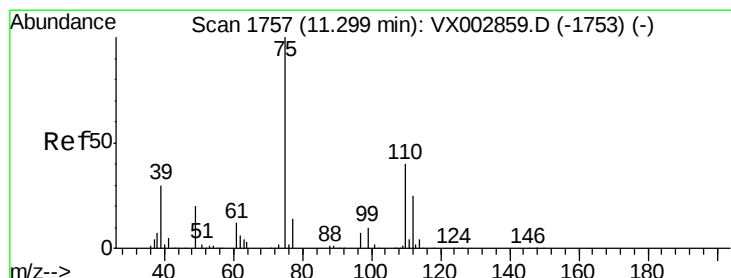
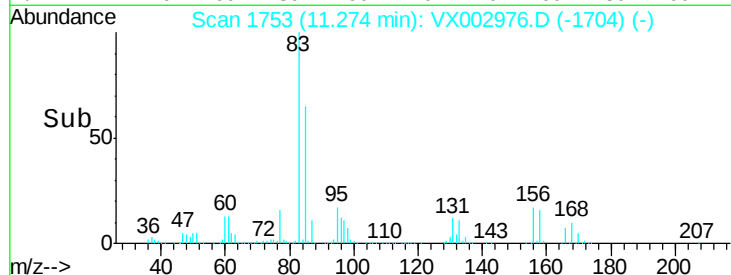
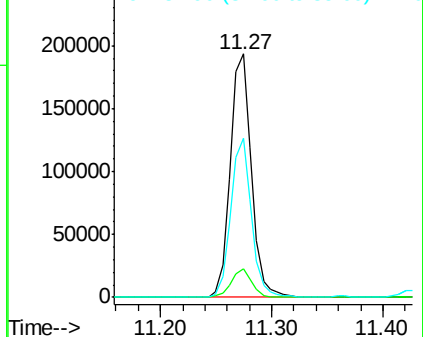
Tot Ion:	83	Resp:	252431
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	63.9	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.08 ug/l m

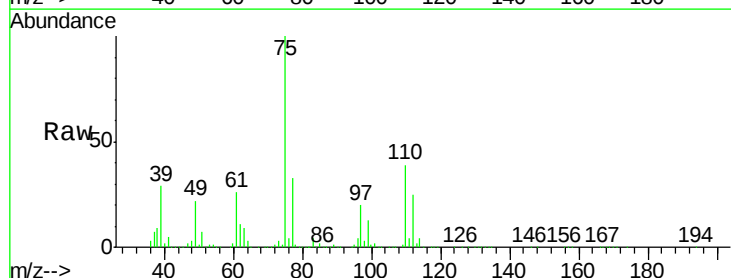
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

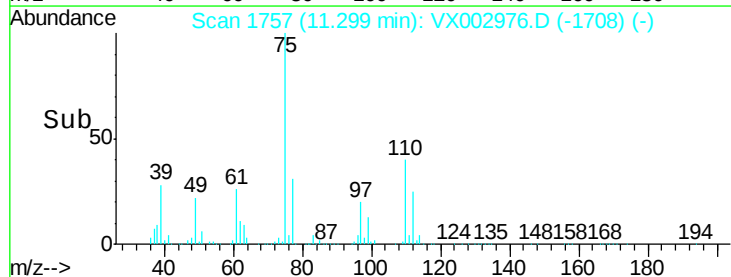
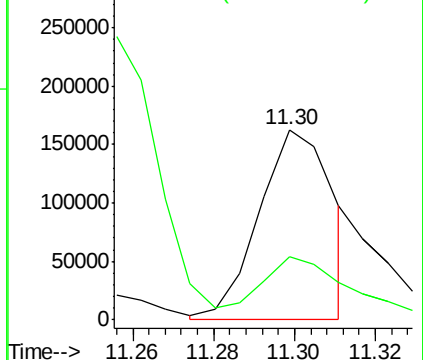
Lab File: VX002976.D

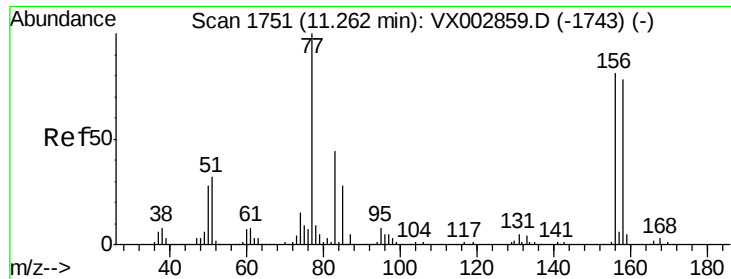
Acq: 28 Jun 2018 09:43

Tgt Ion:	75	Resp:	206123
Ion Ratio	Lower	Upper	
75	100		
77	40.7	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.33 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

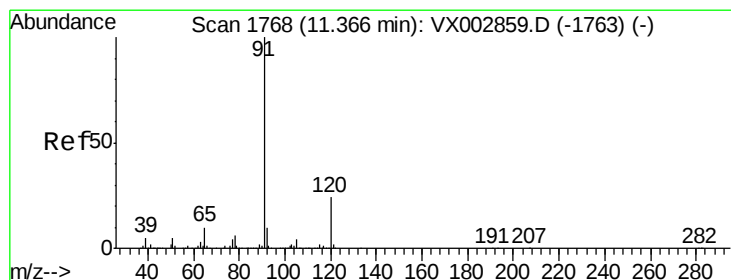
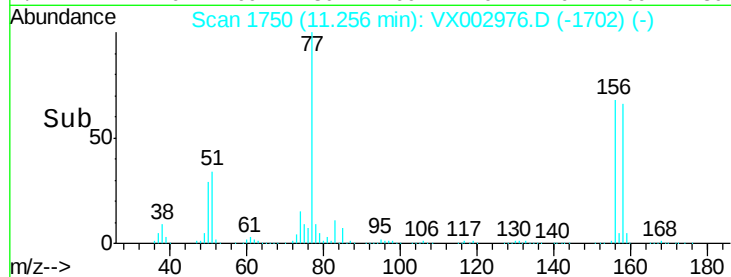
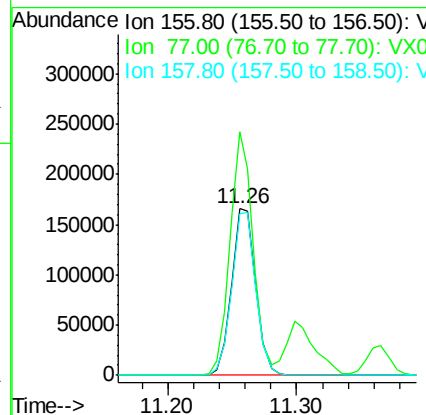
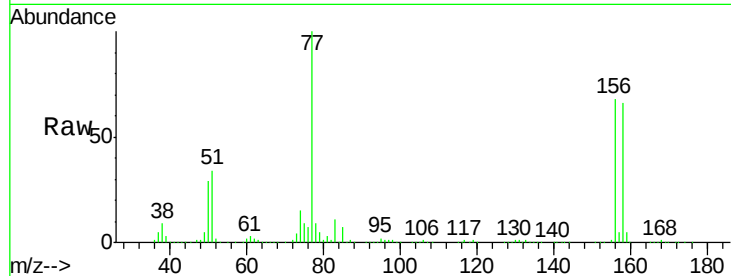
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		219121		
77	139.1	71.4	214.2		
158	97.5	48.9	146.6		

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#78

n-propylbenzene

Concen: 50.66 ug/l

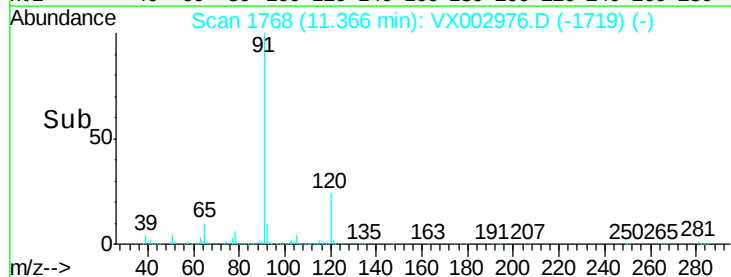
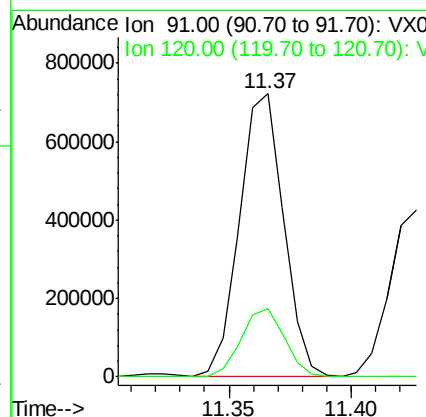
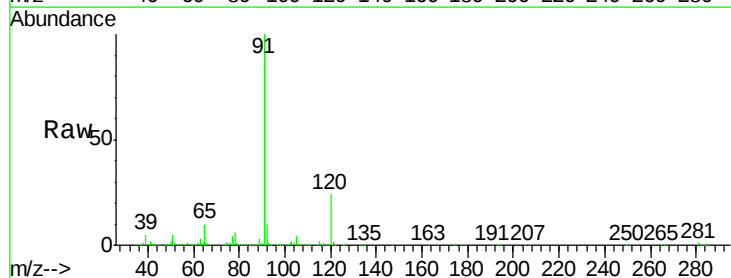
RT: 11.37 min Scan# 1768

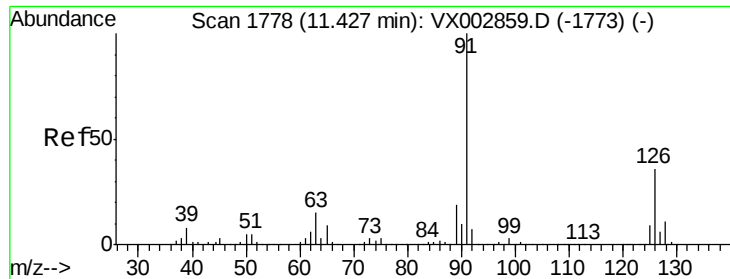
Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		899516		
120	24.0	11.8	35.4		





#79

2-Chlorotoluene

Concen: 49.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 532029

Ion Ratio Lower Upper

91 100

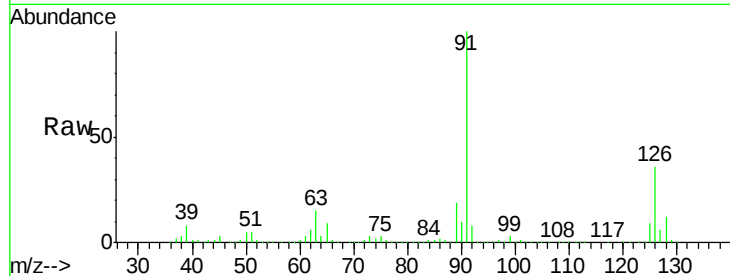
126 36.1 17.7 53.1

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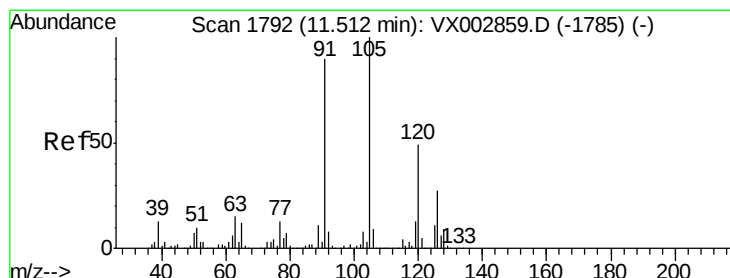
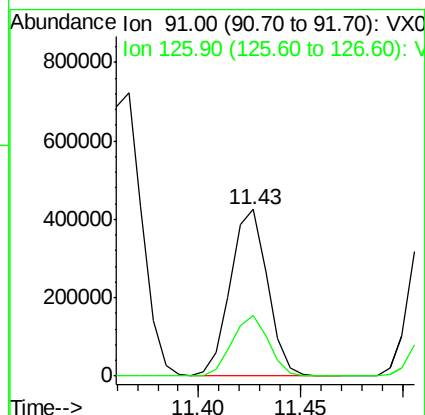
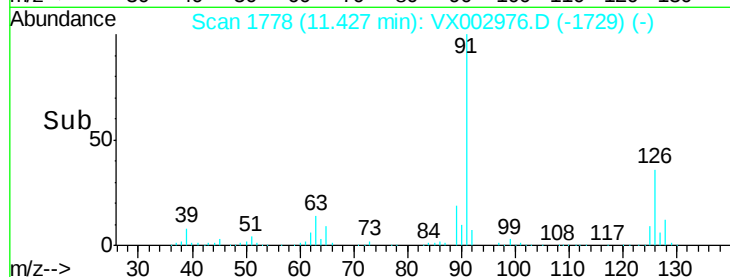
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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002976.D

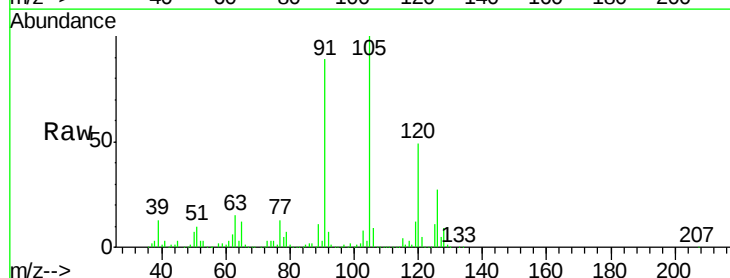
Acq: 28 Jun 2018 09:43

Tgt Ion: 105 Resp: 673658

Ion Ratio Lower Upper

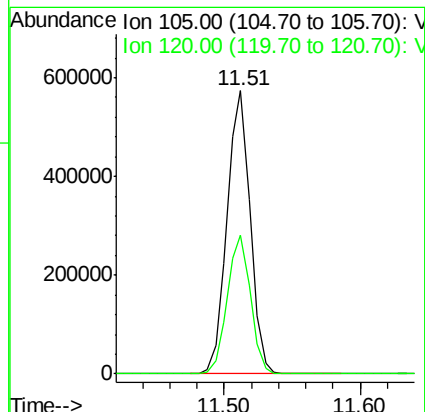
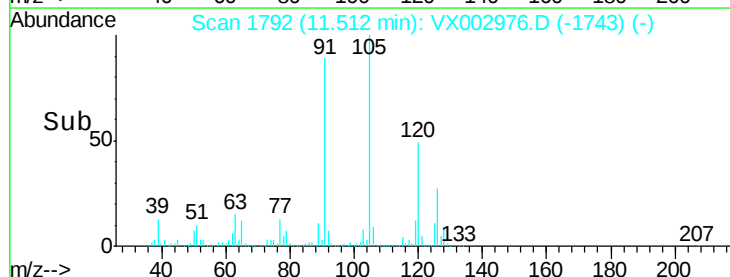
105 100

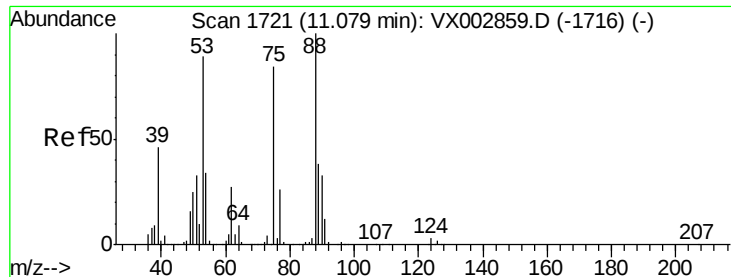
120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 36.04 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

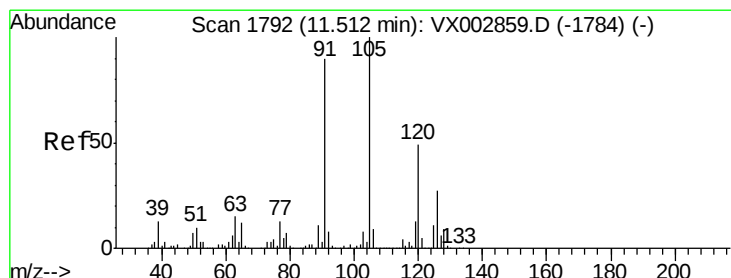
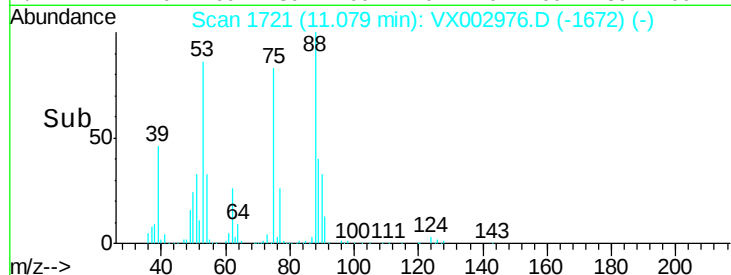
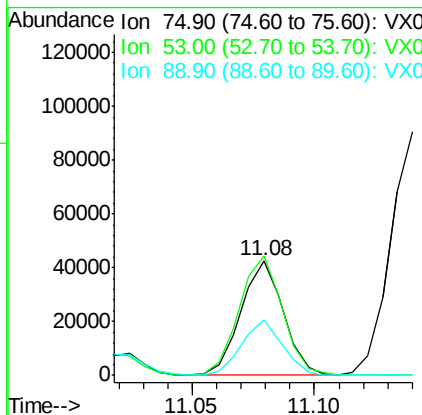
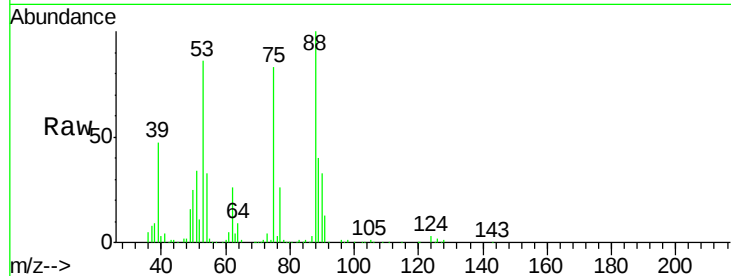
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	50711
Ion Ratio	Lower	Upper	
75	100		
53	107.3	86.8	130.2
89	47.7	38.2	57.2

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#82

4-Chlorotoluene

Concen: 50.19 ug/l

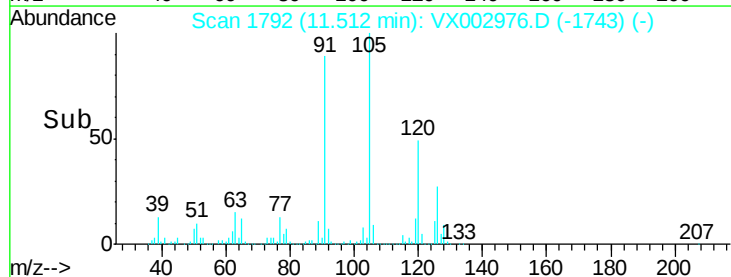
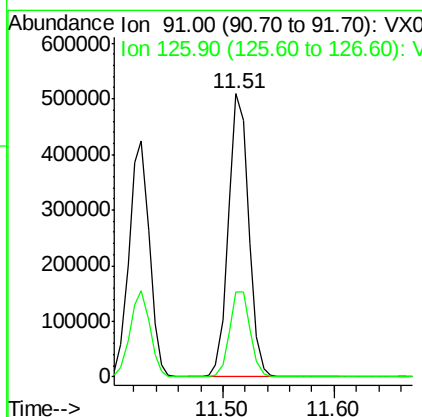
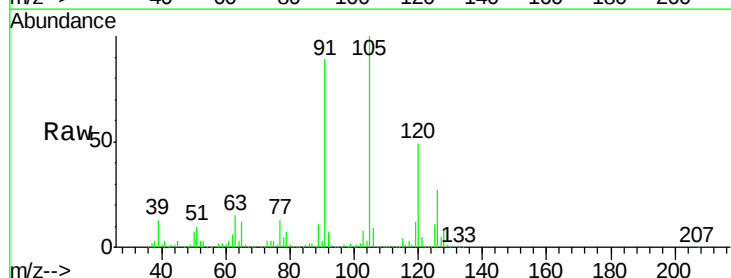
RT: 11.51 min Scan# 1792

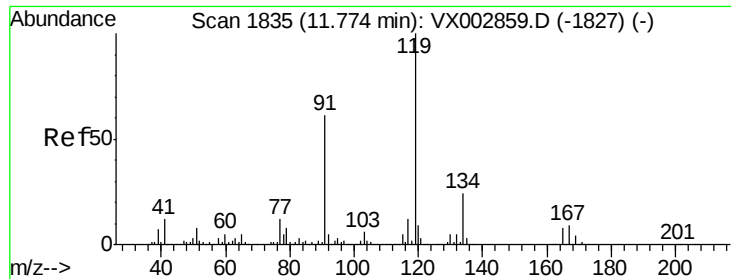
Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion:	91	Resp:	638651
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.4	46.4





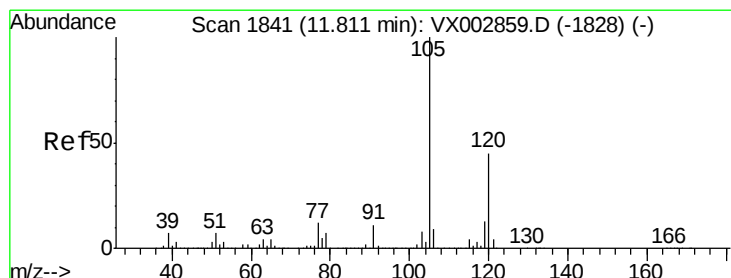
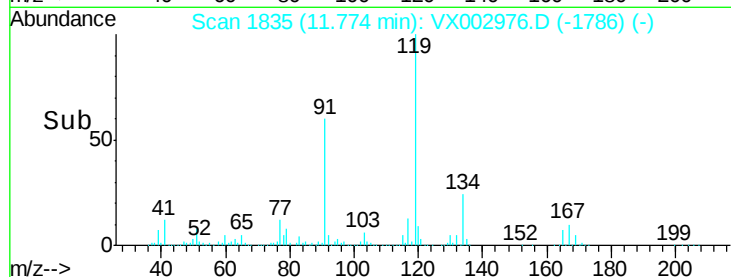
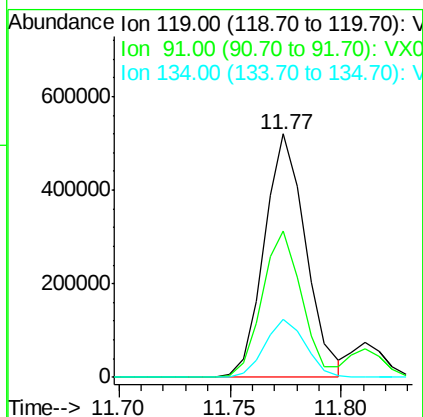
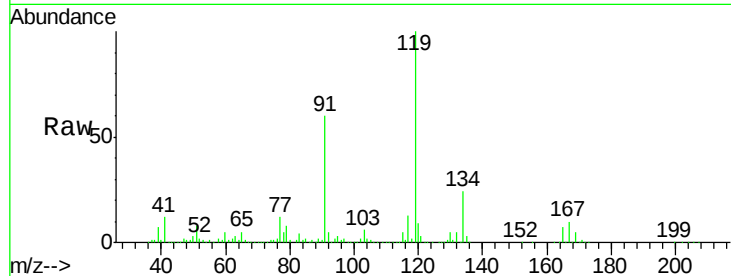
#83
 tert-Butylbenzene
 Concen: 51.80 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	30.3	90.9
134	23.5	11.7	35.1

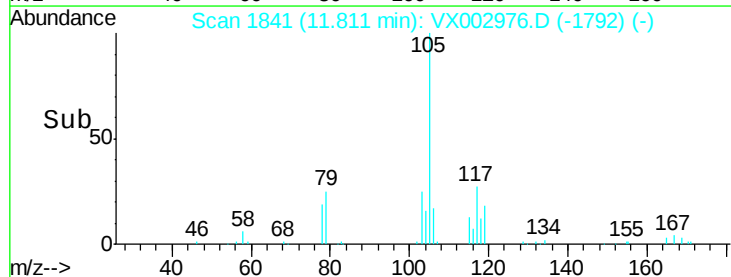
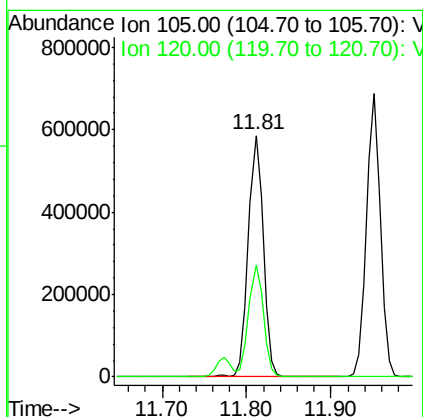
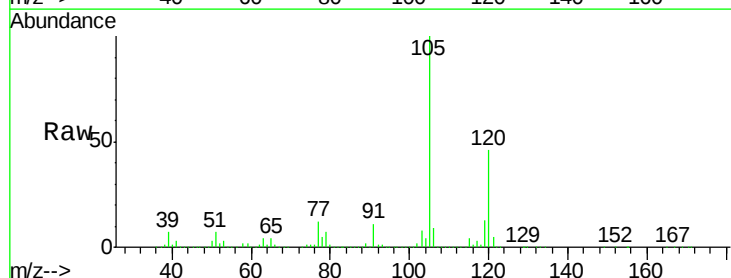
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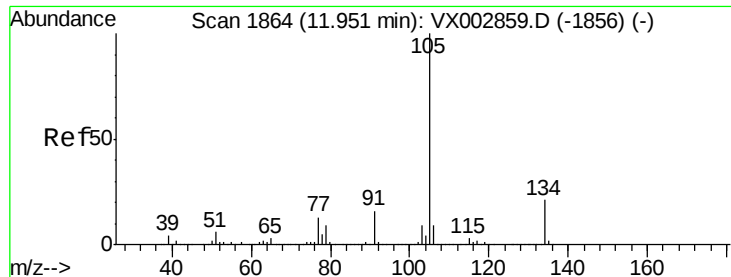
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.8





#85

sec-Butylbenzene

Concen: 50.65 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 795567

Ion Ratio Lower Upper

105 100

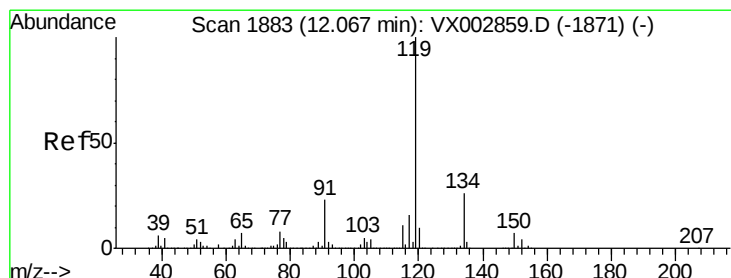
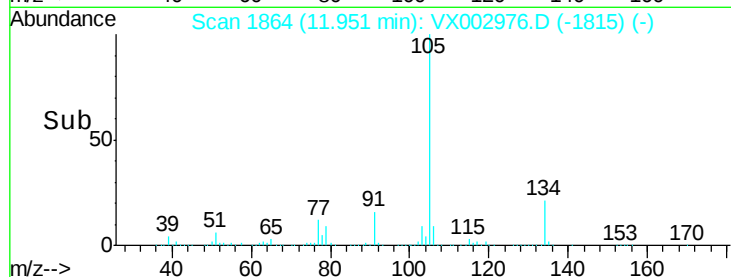
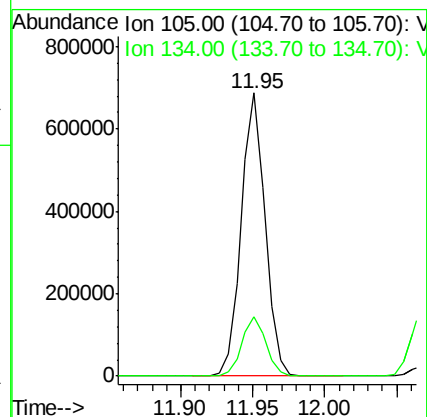
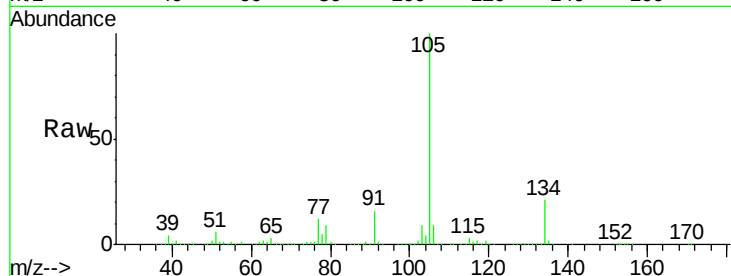
134 21.0 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.75 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

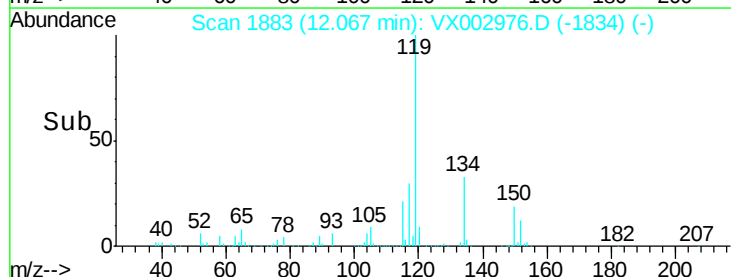
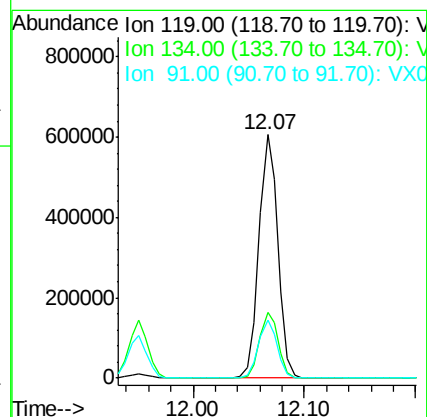
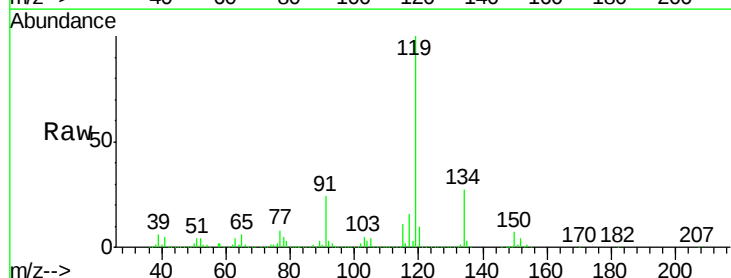
Tgt Ion:119 Resp: 716629

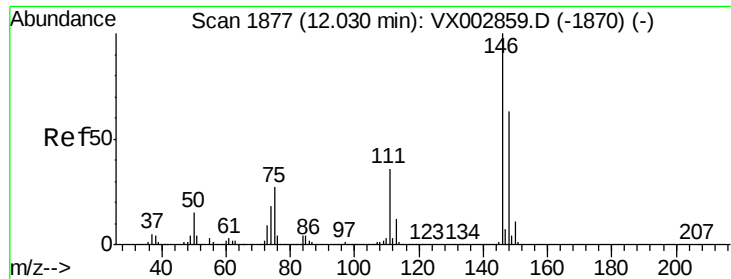
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.4 11.9 35.7





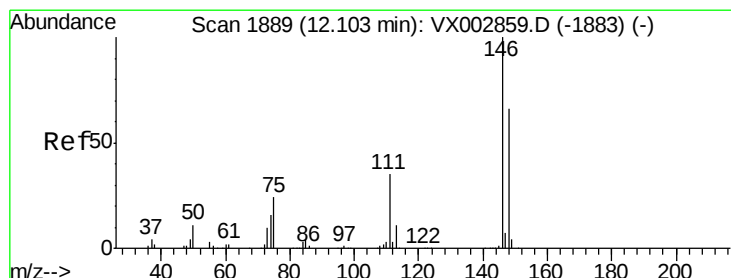
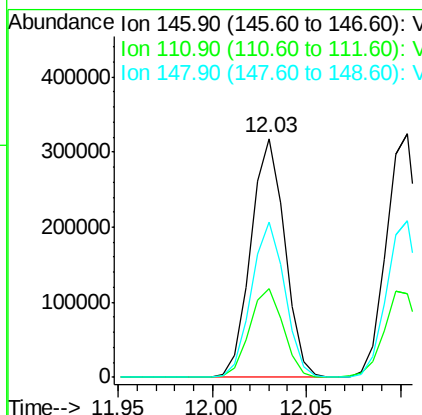
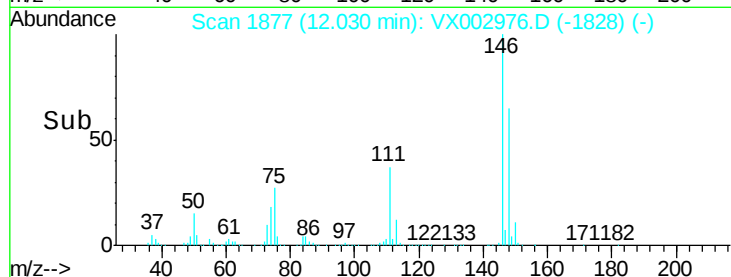
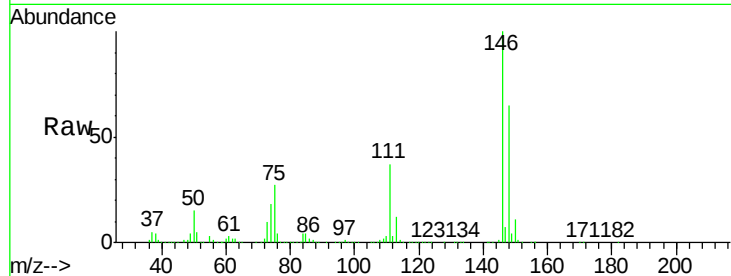
#87
 1,3-Dichlorobenzene
 Concen: 48.95 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.2	32.1	96.3

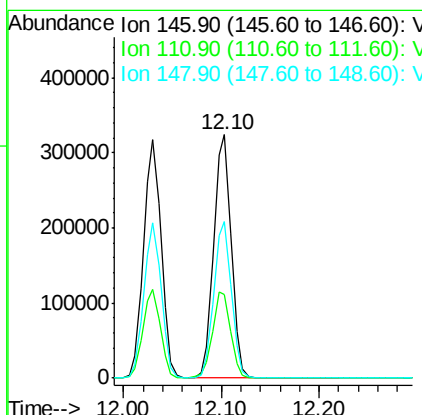
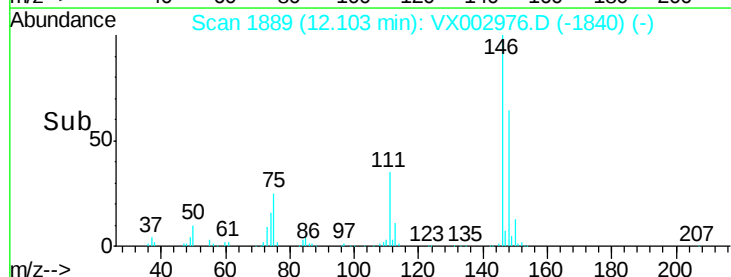
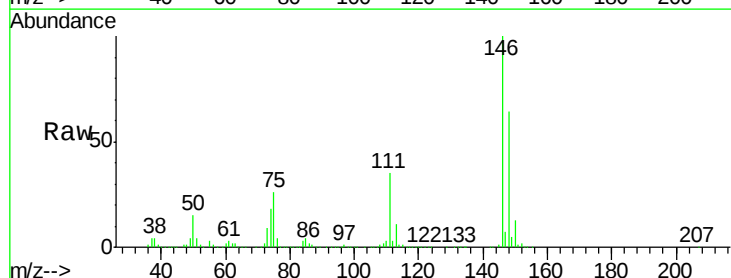
Manual Integrations
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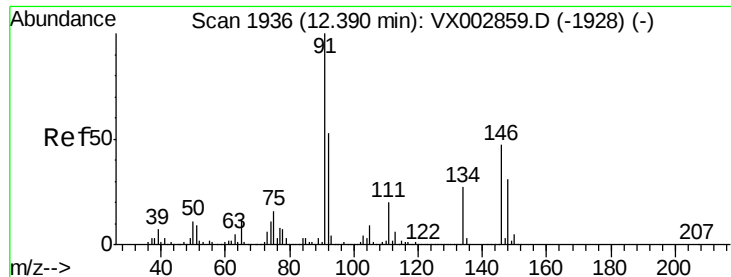
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#88
 1,4-Dichlorobenzene
 Concen: 48.25 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	64.4	32.4	97.0





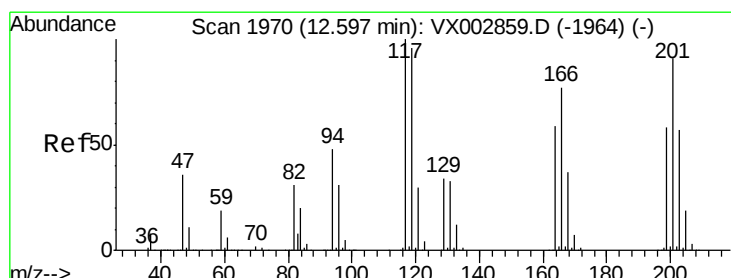
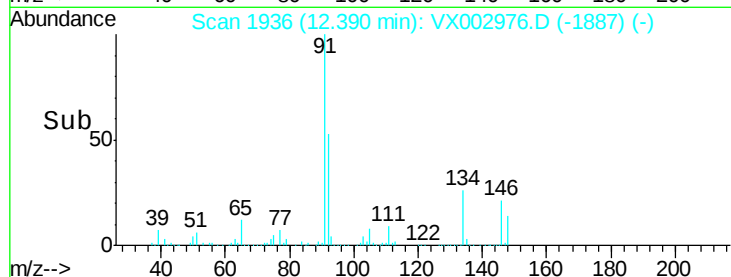
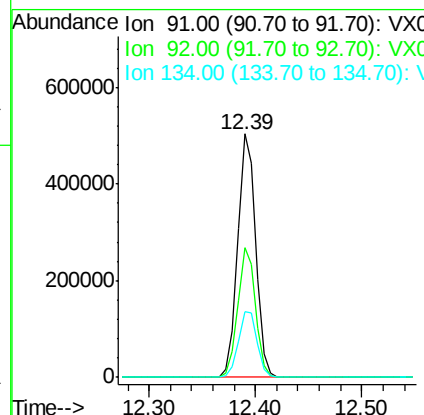
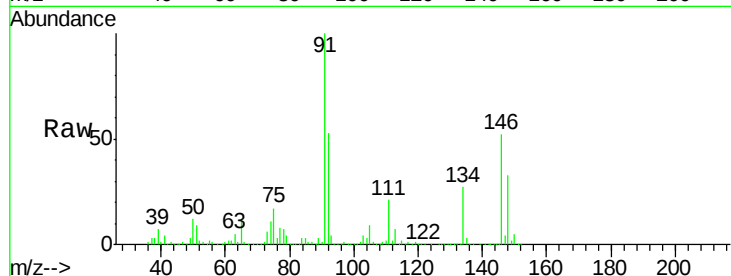
#89
n-Butylbenzene
Concen: 48.53 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.6	26.0	78.0	
134	28.0	13.5	40.5	

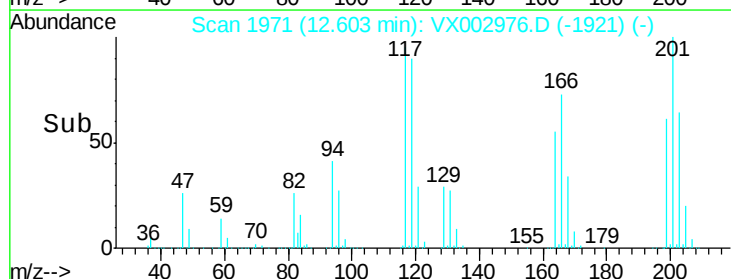
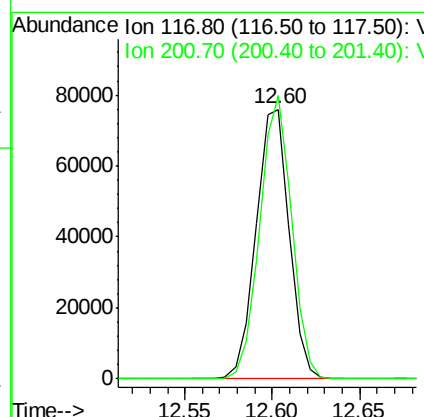
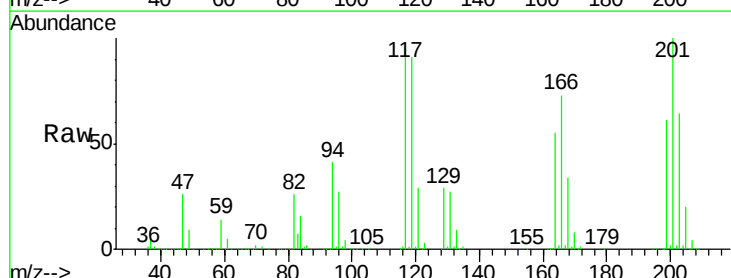
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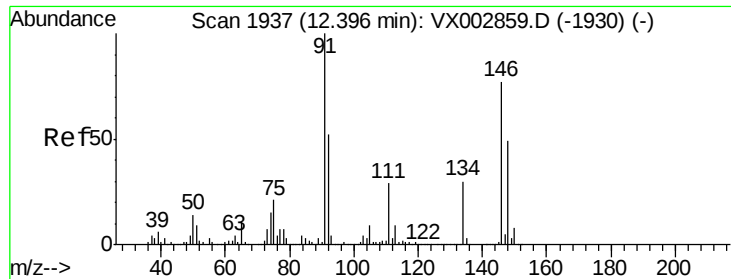
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#90
Hexachloroethane
Concen: 47.56 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	100.9	49.0	147.0	





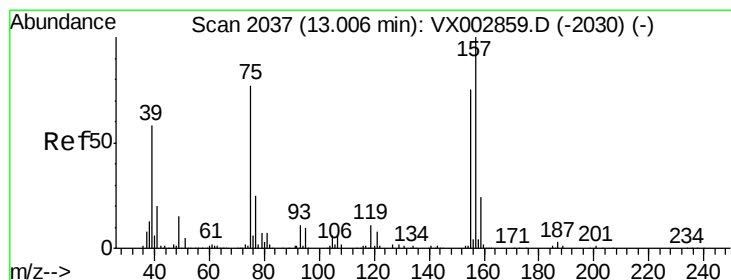
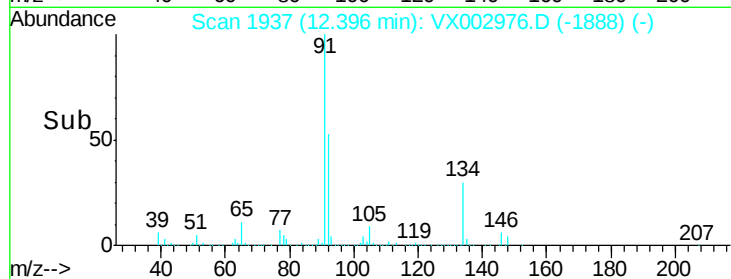
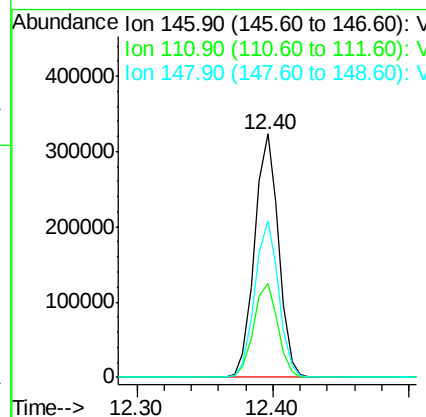
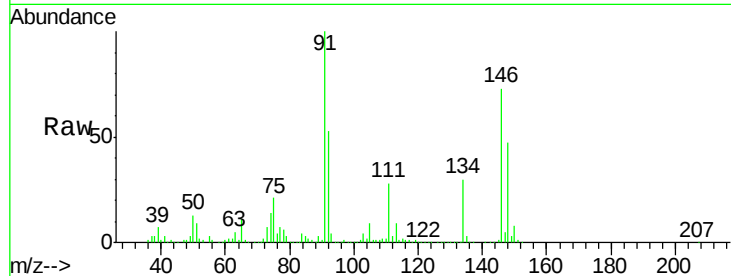
#91
 1,2-Dichlorobenzene
 Concen: 49.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	64.2	31.7	95.1

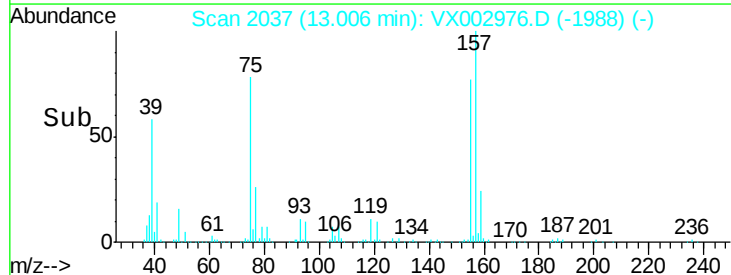
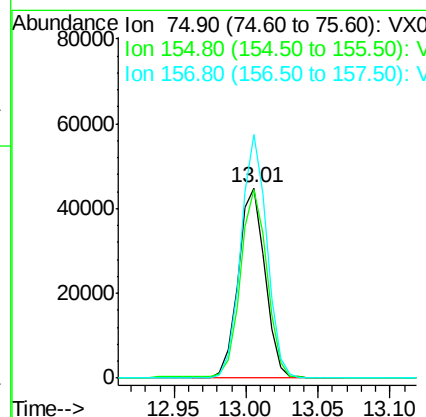
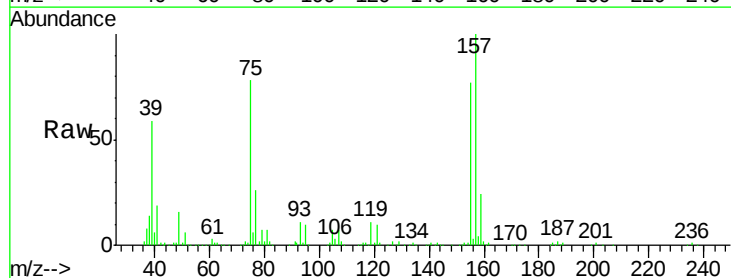
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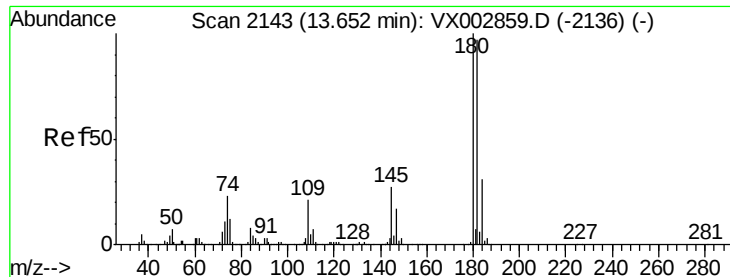
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.94 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	45.8	137.4
157	123.6	60.1	180.3





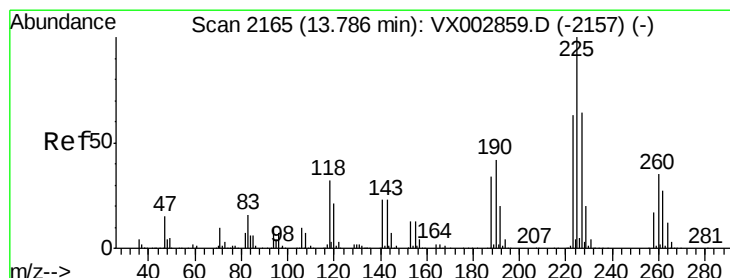
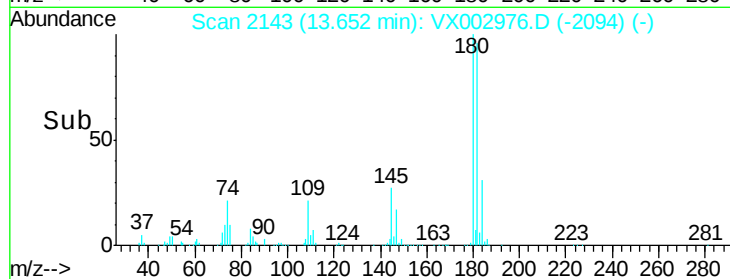
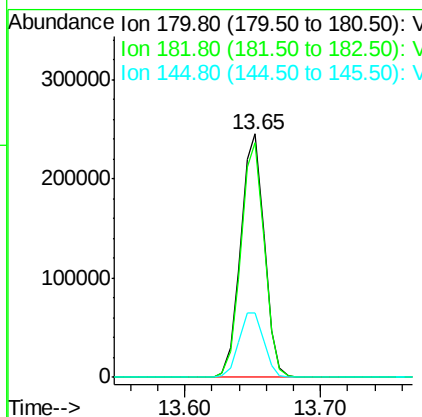
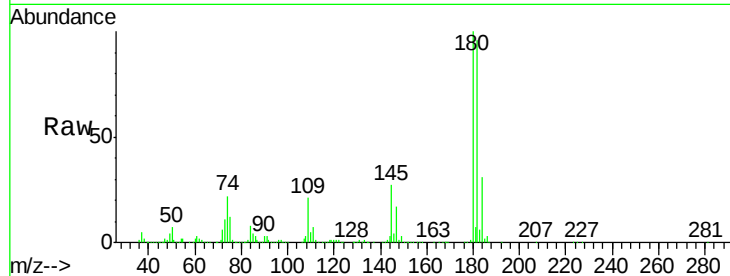
#93
 1,2,4-Trichlorobenzene
 Concen: 49.76 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	296521		
182	95.7	47.7	143.1	
145	28.2	14.1	42.4	

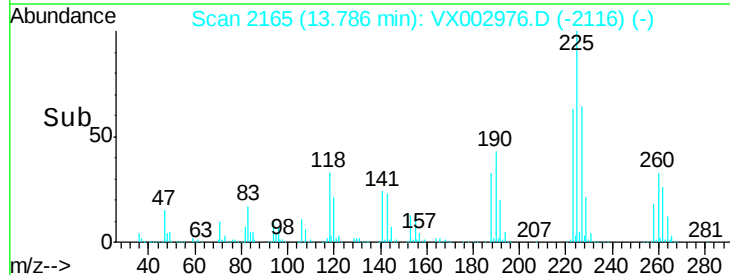
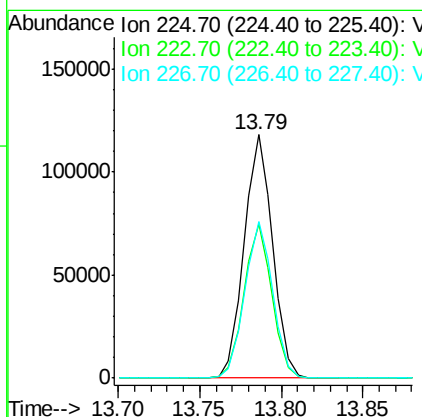
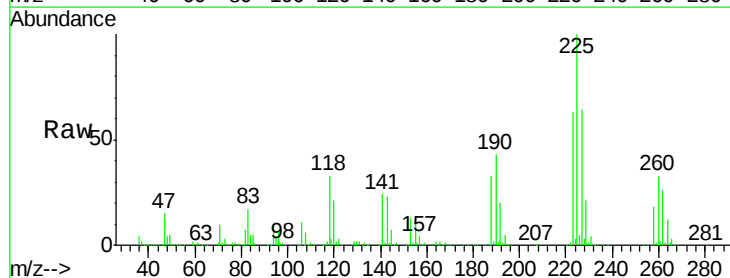
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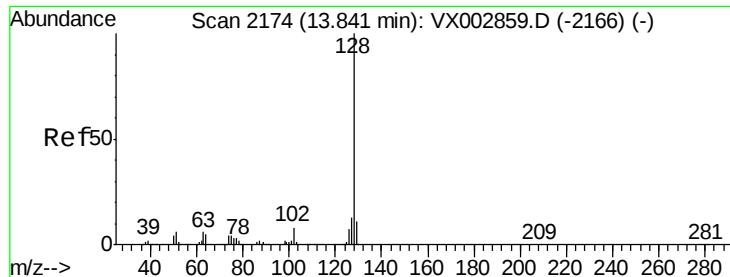
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#94
 Hexachlorobutadiene
 Concen: 48.18 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143219		
223	62.0	31.6	95.0	
227	63.4	32.4	97.2	





#95

Naphthalene

Concen: 54.04 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

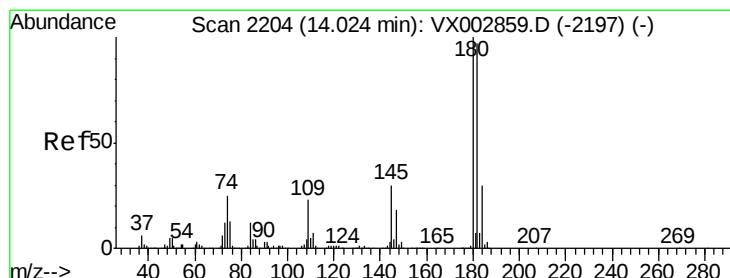
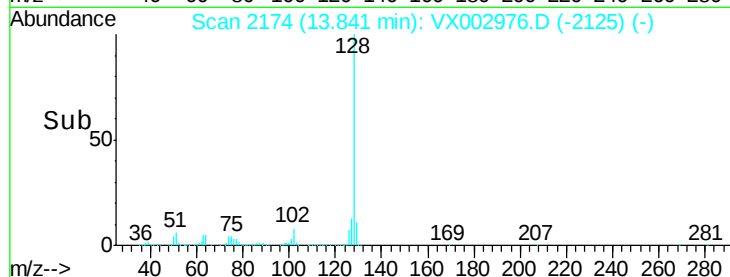
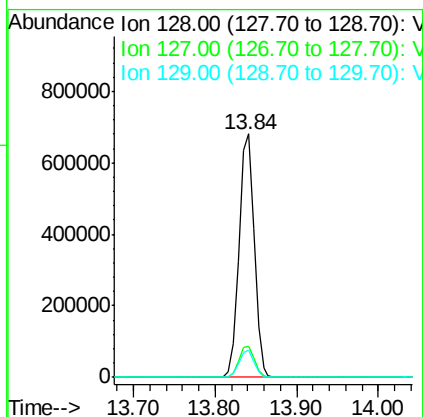
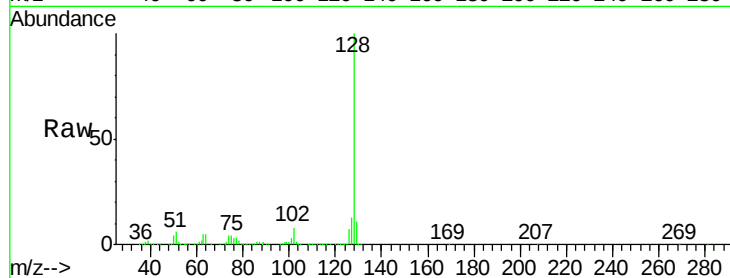
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	857809
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 51.43 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion:	180	Resp:	306126
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	29.6	14.8	44.3

