

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003094.D
 Acq On : 30 Jun 2018 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 7/2/2018 4:19:40 PM

Quant Time: Jul 02 04:33:02 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	279599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184761	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.51	113	154902	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.72	98	547005	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	214635	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145156	58.20	ug/l	100
3) Chloromethane	1.32	50	138217	53.41	ug/l	100
4) Vinyl Chloride	1.41	62	158752	50.21	ug/l	94
5) Bromomethane	1.64	94	58449	39.00	ug/l	99
6) Chloroethane	1.71	64	98533	53.25	ug/l	98
7) Trichlorofluoromethane	1.92	101	247693	46.44	ug/l	98
8) Diethyl Ether	2.19	74	93678	48.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142958	46.26	ug/l	98
10) Methyl Iodide	2.51	142	144203	46.51	ug/l	98
11) Tert butyl alcohol	3.09	59	176950	229.85	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130381	47.28	ug/l	93
13) Acrolein	2.29	56	62229	147.56	ug/l	99
14) Allyl chloride	2.73	41	253316	46.60	ug/l	95
15) Acrylonitrile	3.15	53	403474	245.36	ug/l	100
16) Acetone	2.45	43	371132	231.89	ug/l	97
17) Carbon Disulfide	2.57	76	338415	46.06	ug/l	97
18) Methyl Acetate	2.78	43	211366	47.24	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	475405	47.96	ug/l	99
20) Methylene Chloride	2.86	84	148352	47.63	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	140642	46.83	ug/l	94
22) Diisopropyl ether	3.88	45	511695	49.25	ug/l	99
23) Vinyl Acetate	3.83	43	2169033	246.54	ug/l	98
24) 1,1-Dichloroethane	3.70	63	267483	47.36	ug/l	100
25) 2-Butanone	4.71	43	602694	253.74	ug/l	97
26) 2,2-Dichloropropane	4.59	77	158130	34.44	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	169682	50.39	ug/l	91
28) Bromochloromethane	5.02	49	131736	48.74	ug/l	91
29) Tetrahydrofuran	5.17	42	382534	251.14	ug/l	96
30) Chloroform	5.22	83	283862	48.98	ug/l	98
31) Cyclohexane	5.57	56	233290	48.14	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	253243	49.66	ug/l	98
36) 1,1-Dichloropropene	5.80	75	201763	48.12	ug/l	98
37) Ethyl Acetate	4.87	43	233534	51.73	ug/l	99
38) Carbon Tetrachloride	5.79	117	225626	49.04	ug/l	99

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 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	226398	46.36	ug/l	96
40) Benzene	6.15	78	608449	49.95	ug/l	100
41) Methacrylonitrile	5.07	41	134800	51.86	ug/l	97
42) 1,2-Dichloroethane	6.20	62	232876	47.32	ug/l	99
43) Isopropyl Acetate	6.47	43	376246	49.69	ug/l	98
44) Trichloroethene	7.22	130	177913	48.98	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160325	49.61	ug/l	99
46) Dibromomethane	7.66	93	110217	49.15	ug/l	96
47) Bromodichloromethane	7.90	83	209633	50.56	ug/l	96
48) Methyl methacrylate	7.78	41	194359	49.82	ug/l	95
49) 1,4-Dioxane	7.76	88	79390	1046.00	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1217905	257.11	ug/l	97
52) Toluene	8.79	92	393512	50.42	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	238195	50.73	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	218821	48.43	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	163101	50.86	ug/l	98
56) Ethyl methacrylate	9.19	69	248625	53.05	ug/l	95
57) 1,3-Dichloropropane	9.38	76	265955	50.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	580397	256.68	ug/l	97
59) 2-Hexanone	9.50	43	926435	257.34	ug/l	97
60) Dibromochloromethane	9.59	129	177583	52.60	ug/l	100
61) 1,2-Dibromoethane	9.68	107	172520	51.29	ug/l	100
64) Tetrachloroethene	9.34	164	210719	51.67	ug/l	99
65) Chlorobenzene	10.14	112	459095	49.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171962	50.82	ug/l	99
67) Ethyl Benzene	10.26	91	773429	50.26	ug/l	100
68) m/p-Xylenes	10.37	106	600052	101.18	ug/l	98
69) o-Xylene	10.70	106	293776	50.87	ug/l	98
70) Styrene	10.71	104	492651	52.50	ug/l	98
71) Bromoform	10.86	173	138696	45.72	ug/l	100
73) Isopropylbenzene	11.02	105	795486	51.38	ug/l	100
74) N-amyl acetate	6.47	43	376246	49.67	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	244513	51.27	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	238023m	57.10	ug/l	
77) Bromobenzene	11.26	156	221679	50.28	ug/l	97
78) n-propylbenzene	11.37	91	885615	50.25	ug/l	99
79) 2-Chlorotoluene	11.43	91	533475	50.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	664354	50.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59903	42.25	ug/l	100
82) 4-Chlorotoluene	11.51	91	627007	49.64	ug/l	99
83) tert-Butylbenzene	11.77	119	651215	50.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	685170	50.71	ug/l	99
85) sec-Butylbenzene	11.95	105	776091	49.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	698290	49.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	405065	50.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405603	48.94	ug/l	99
89) n-Butylbenzene	12.39	91	580316	47.57	ug/l	99
90) Hexachloroethane	12.60	117	103266	49.53	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	404897	49.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54532	50.86	ug/l	94

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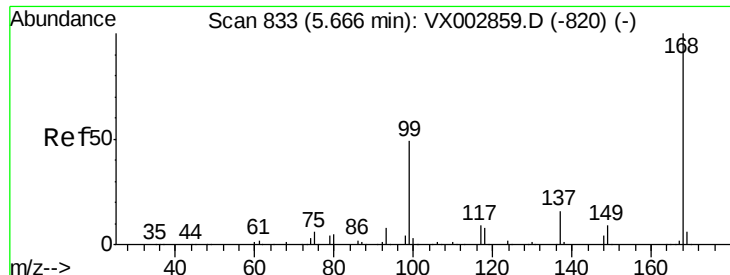
Manual Integrations
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7/2/2018 4:19:40 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293704	49.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	143088	48.50	ug/l	99
95) Naphthalene	13.84	128	852249	54.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	301802	51.08	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 279599

Ion Ratio Lower Upper

168 100

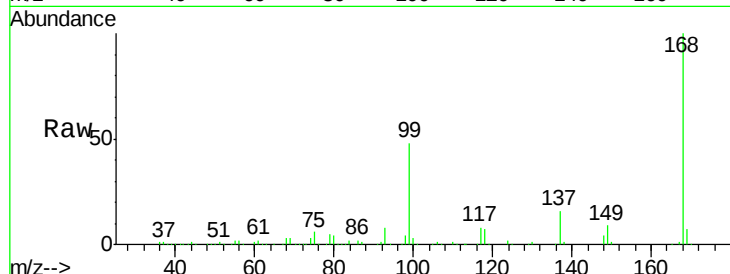
99 47.4 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

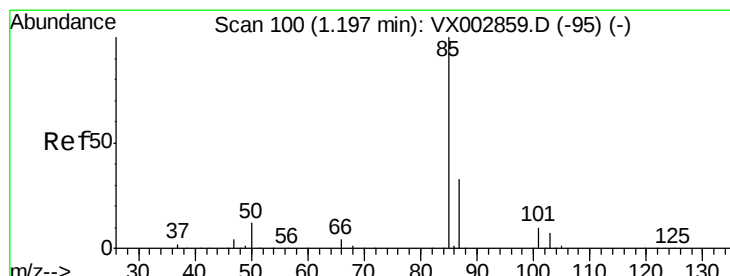
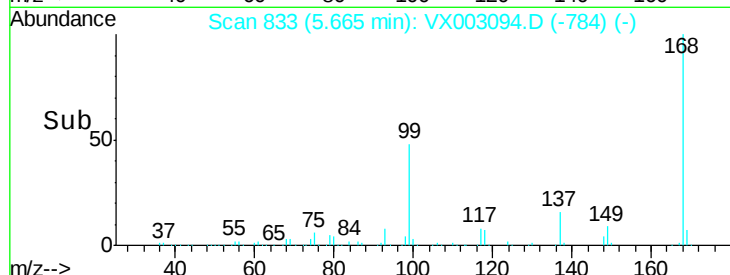
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 58.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003094.D

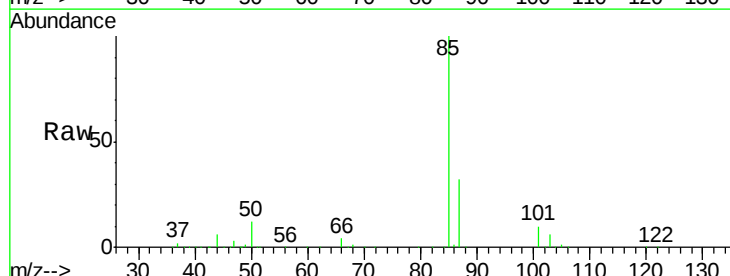
Acq: 30 Jun 2018 22:02

Tgt Ion: 85 Resp: 145156

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

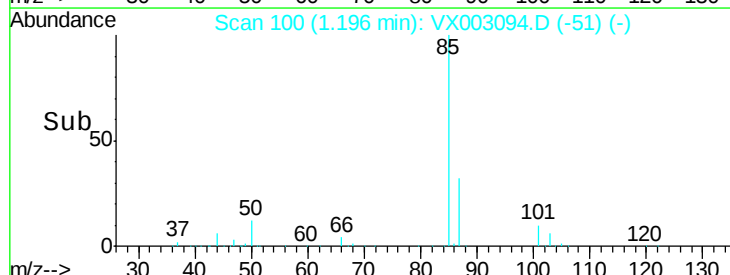
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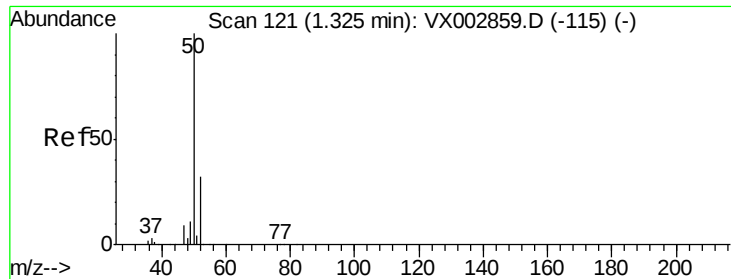
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 138217

Ion Ratio Lower Upper

50 100

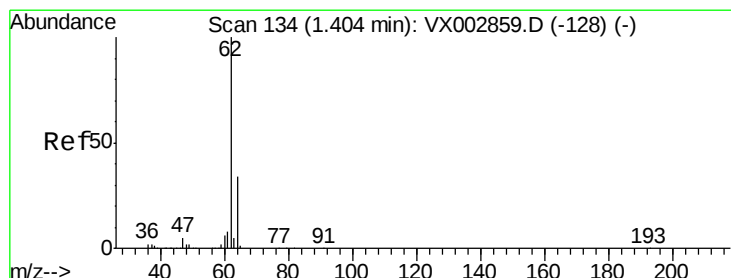
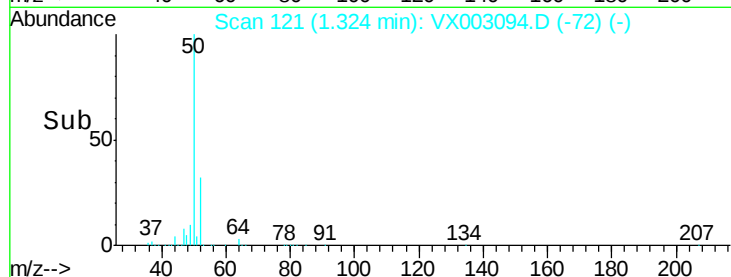
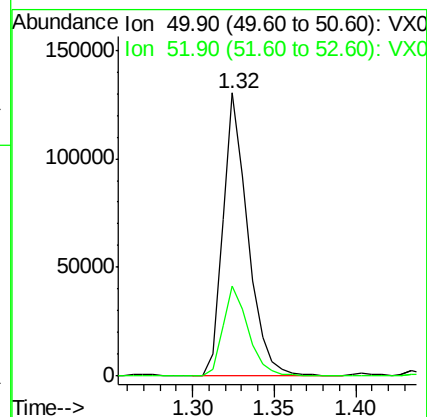
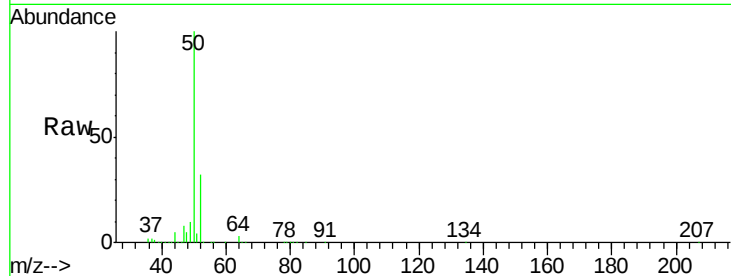
52 32.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.21 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003094.D

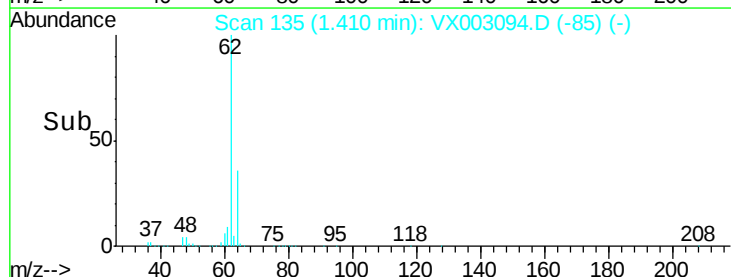
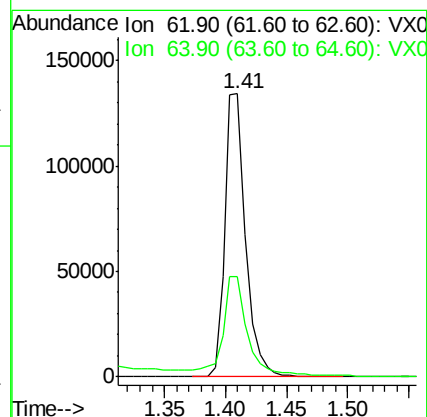
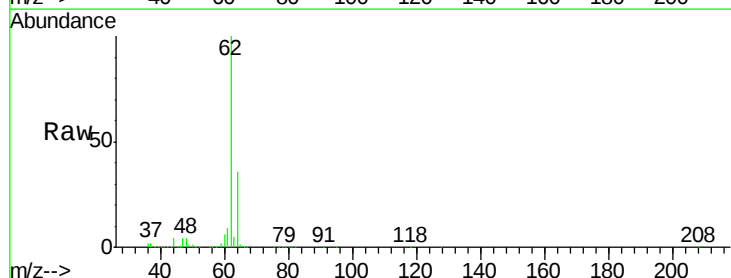
Acq: 30 Jun 2018 22:02

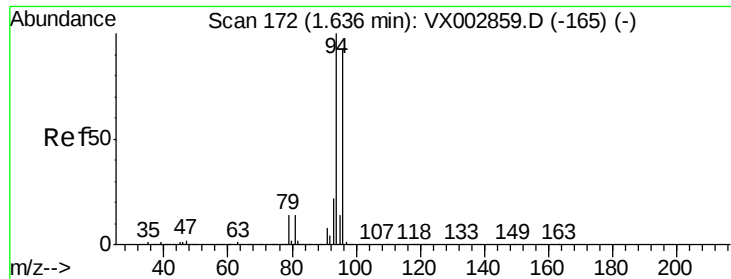
Tgt Ion: 62 Resp: 158752

Ion Ratio Lower Upper

62 100

64 35.0 25.4 38.2





#5

Bromomethane

Concen: 39.00 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 58449

Ion Ratio Lower Upper

94 100

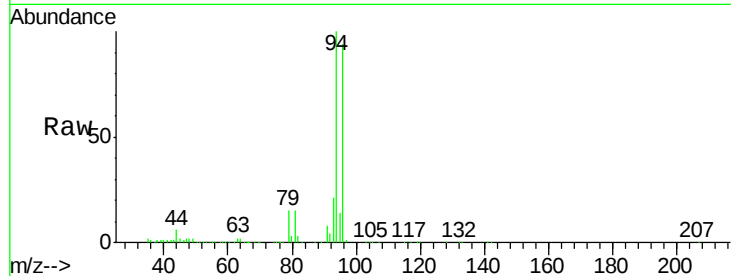
96 94.3 74.9 112.3

Manual Integrations

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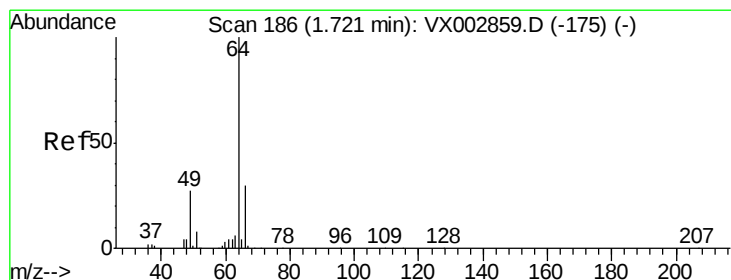
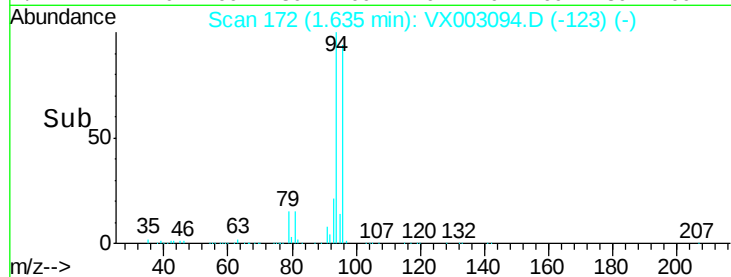
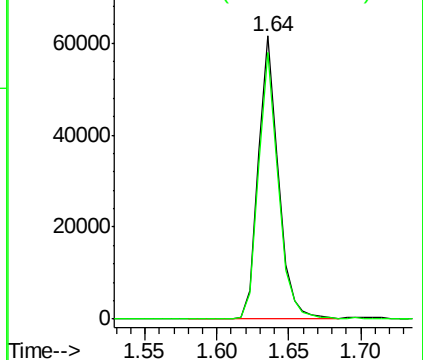
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.25 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003094.D

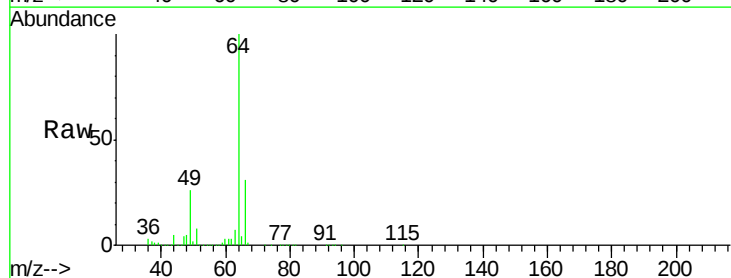
Acq: 30 Jun 2018 22:02

Tgt Ion: 64 Resp: 98533

Ion Ratio Lower Upper

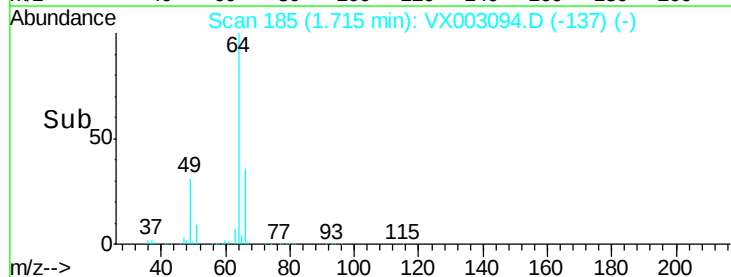
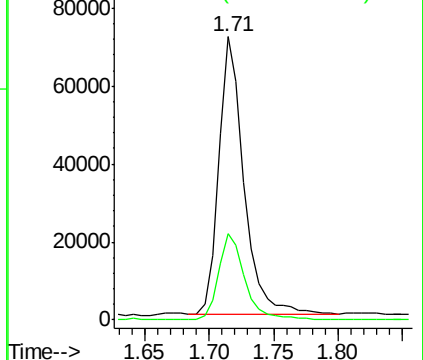
64 100

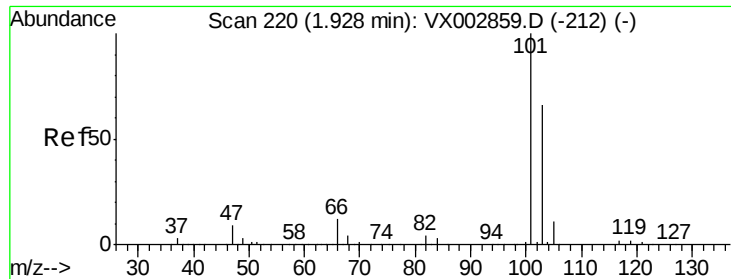
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

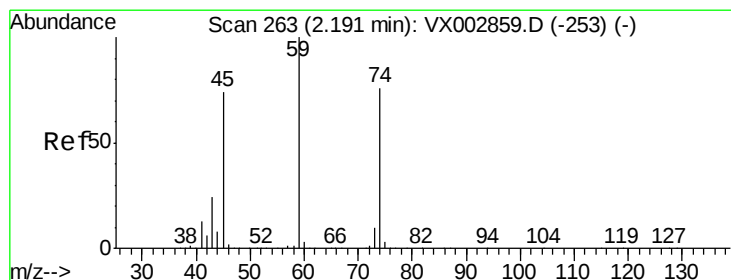
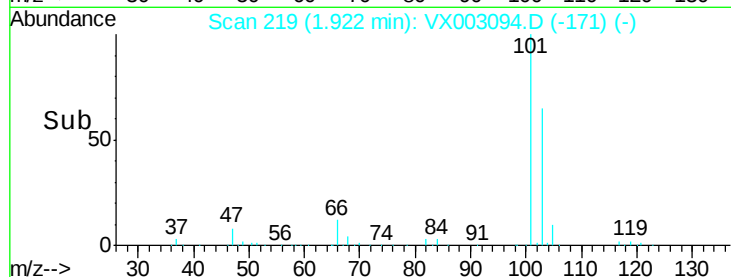
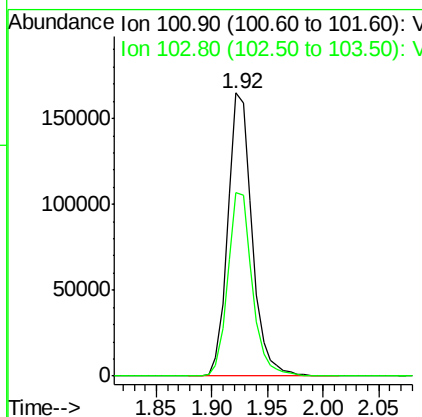
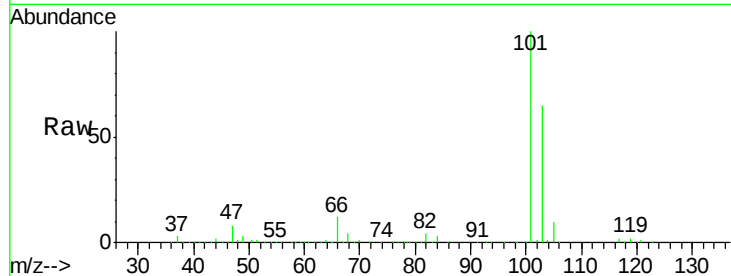
Trichlorofluoromethane
Concen: 46.44 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.8	79.2

Manual Integrations
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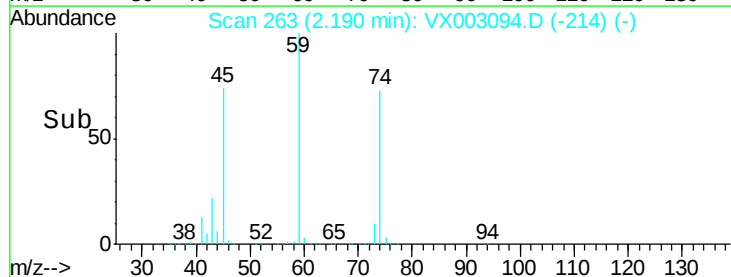
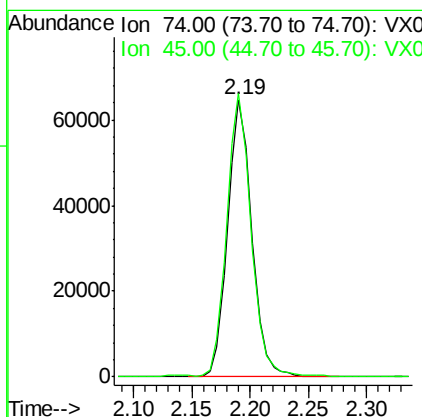
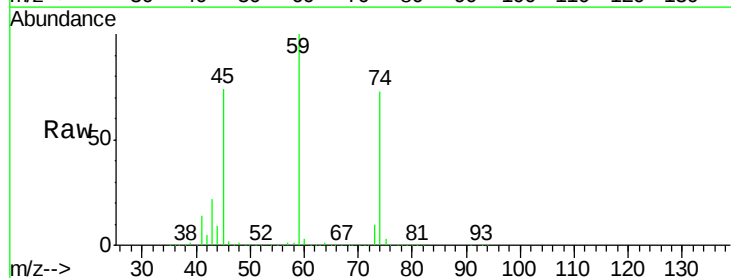
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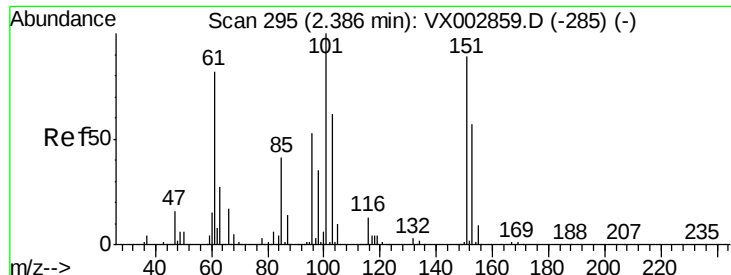


#8

Diethyl Ether
Concen: 48.31 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.26 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

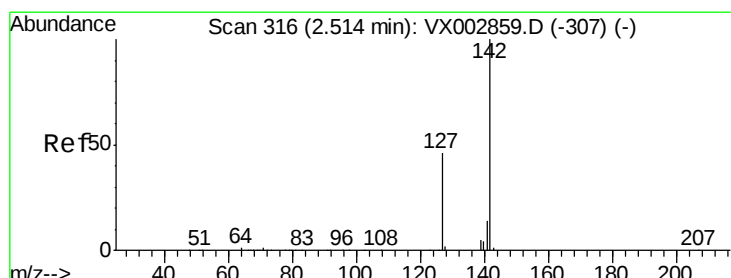
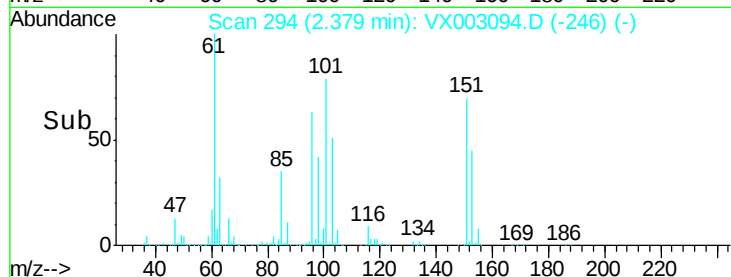
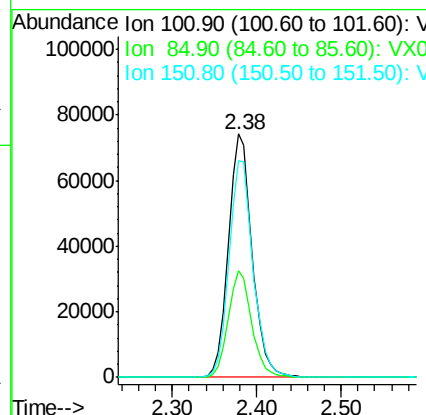
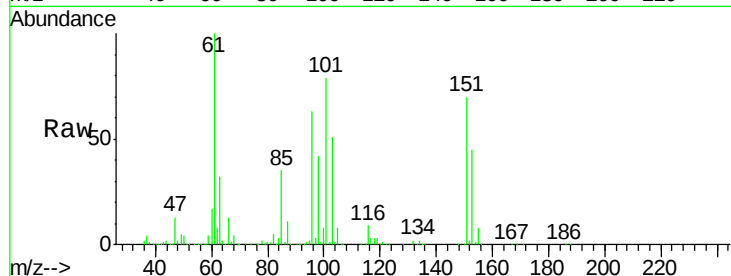
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	142958
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.0	54.0
151	90.5	70.9	106.3

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#10

Methyl Iodide

Concen: 46.51 ug/l

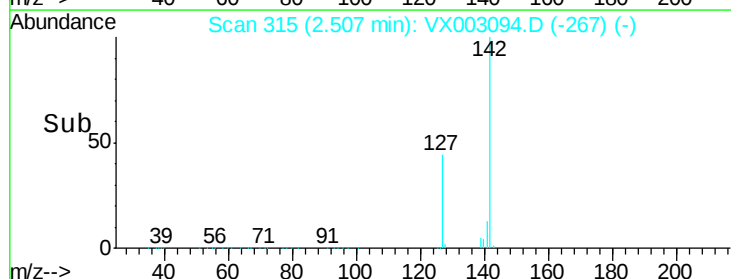
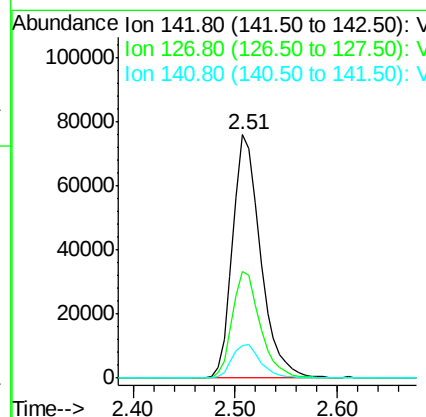
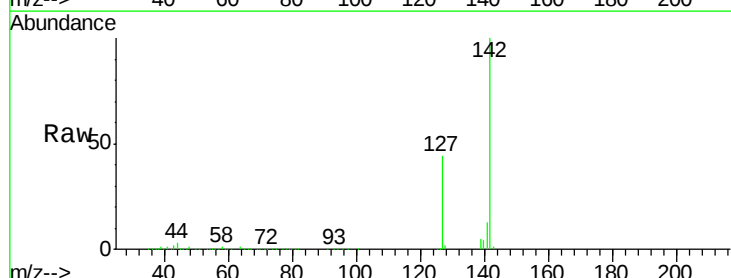
RT: 2.51 min Scan# 315

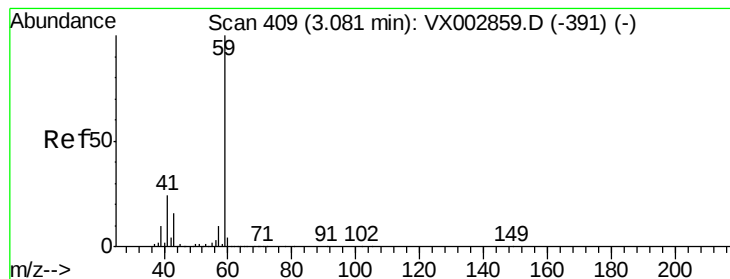
Delta R.T. -0.01 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion:	142	Resp:	144203
Ion Ratio	Lower	Upper	
142	100		
127	44.0	36.6	55.0
141	14.1	11.3	16.9





#11

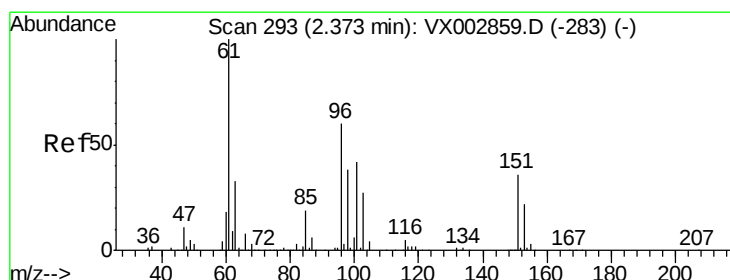
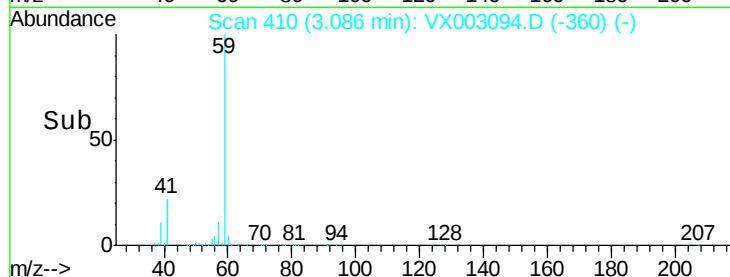
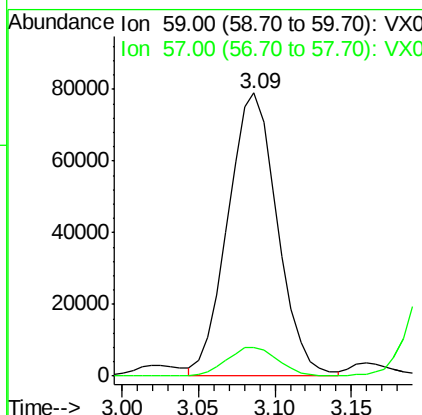
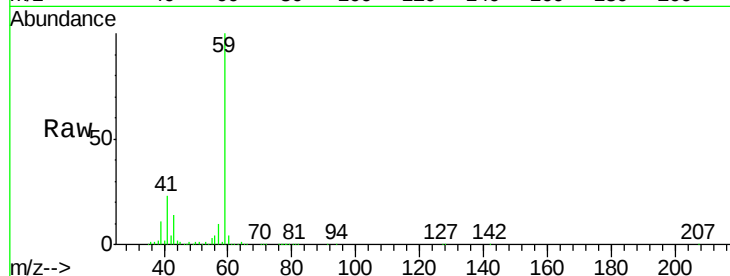
Tert butyl alcohol
 Concen: 229.85 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	176950
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.2

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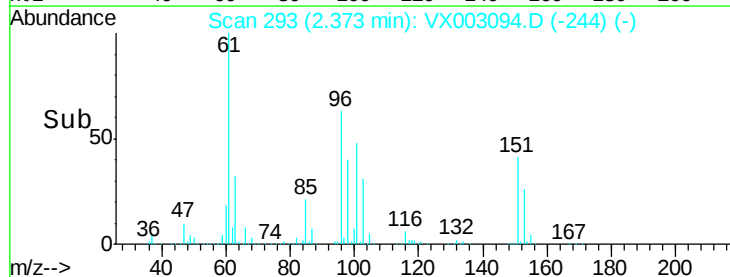
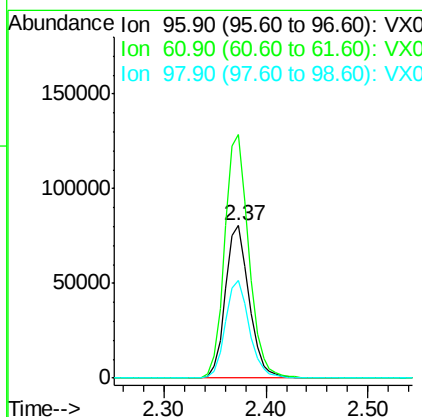
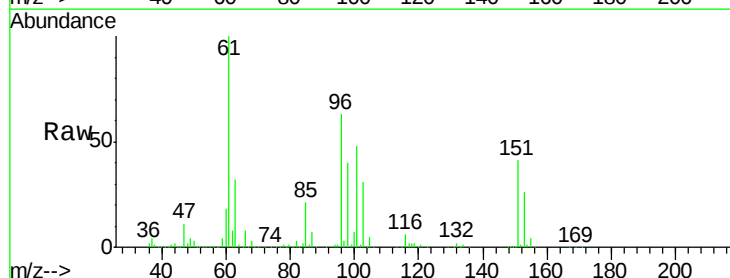
apatel
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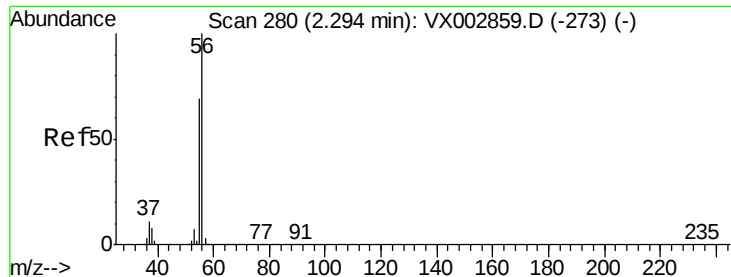


#12

1,1-Dichloroethene
 Concen: 47.28 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion	96	Resp	130381
Ion Ratio	100	Lower	Upper
61	159.5	137.9	206.9
98	64.1	51.6	77.4





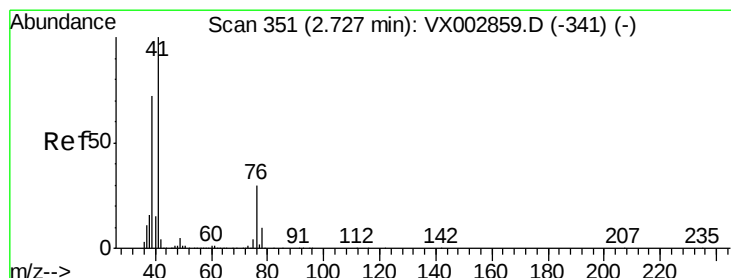
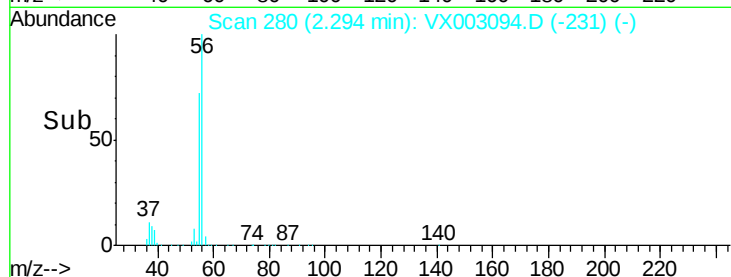
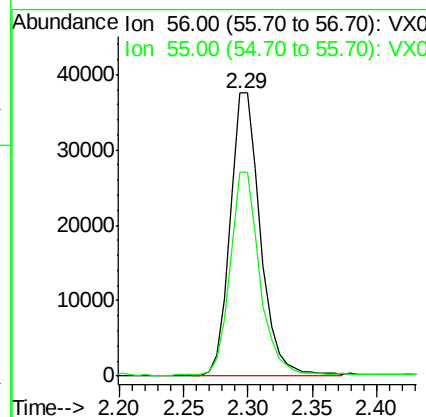
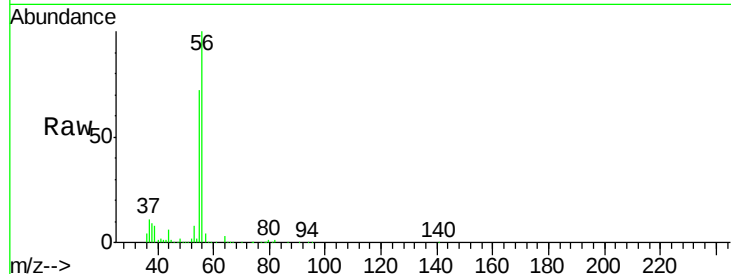
#13
 Acrolein
 Concen: 147.56 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	56	Resp	62229
Ion Ratio	100	Lower	Upper
55	70.1	57.0	85.4

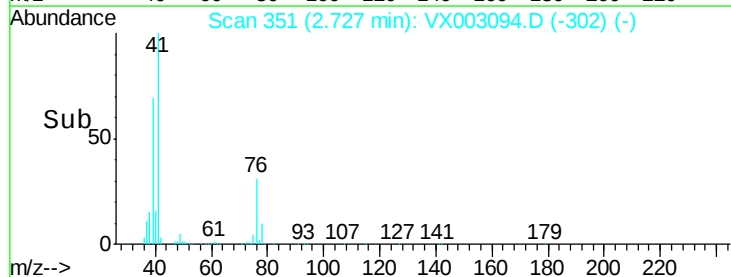
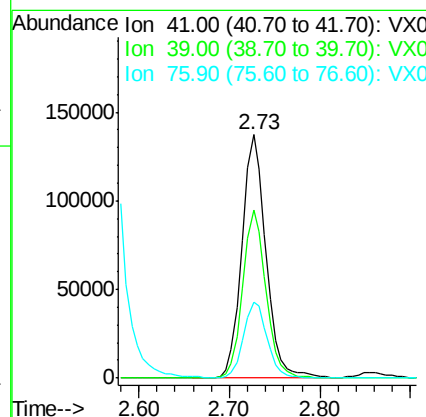
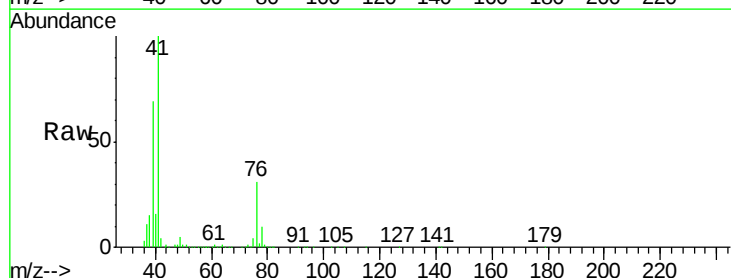
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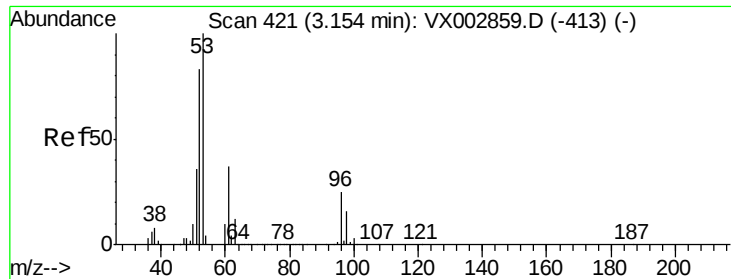
apatel
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#14
 Allyl chloride
 Concen: 46.60 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion	41	Resp	253316
Ion Ratio	100	Lower	Upper
39	66.1	56.8	85.2
76	30.4	23.8	35.8





#15

Acrylonitrile

Concen: 245.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

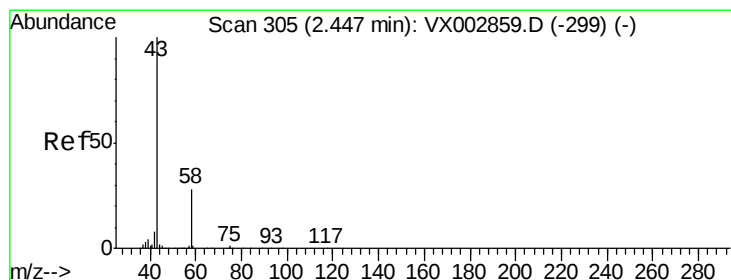
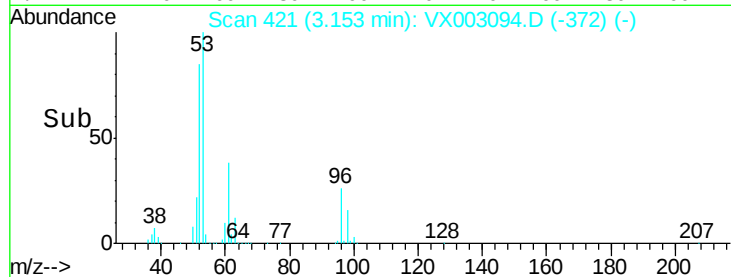
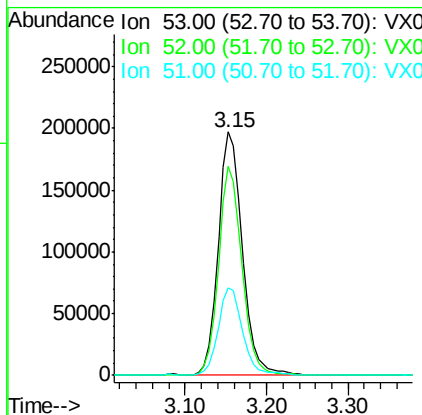
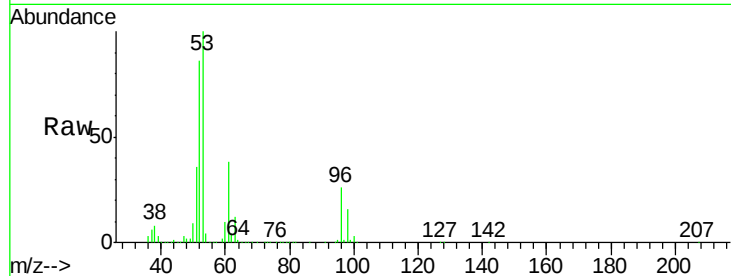
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	403474
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.7	100.1
51	36.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 231.89 ug/l

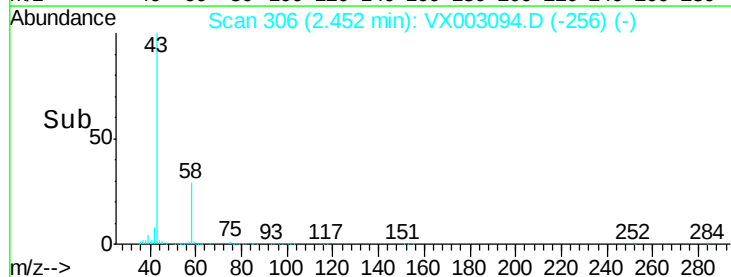
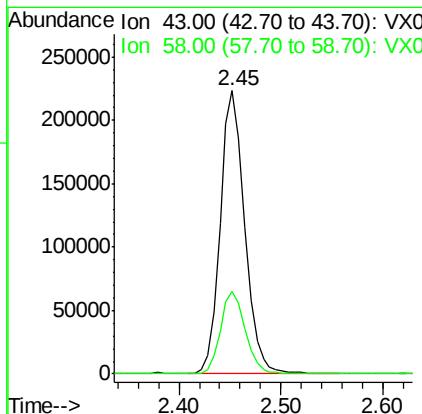
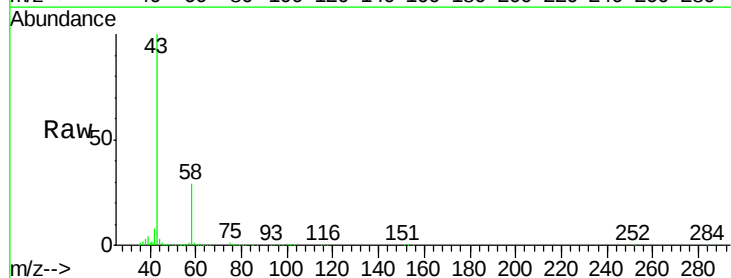
RT: 2.45 min Scan# 306

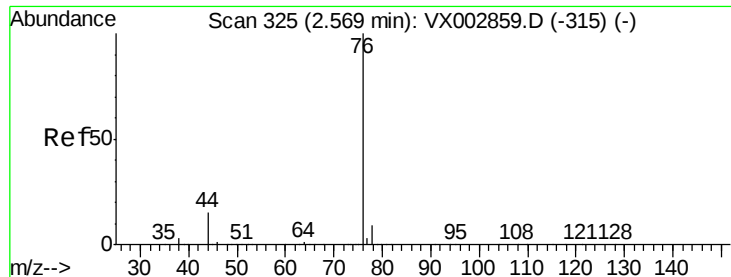
Delta R.T. 0.01 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion:	43	Resp:	371132
Ion Ratio	Lower	Upper	
43	100		
58	29.3	22.1	33.1





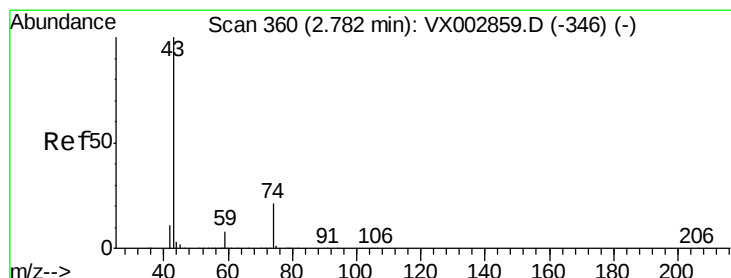
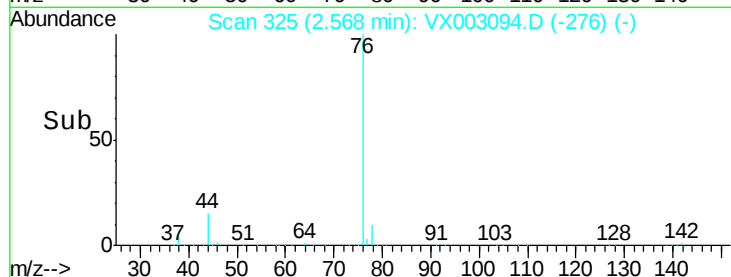
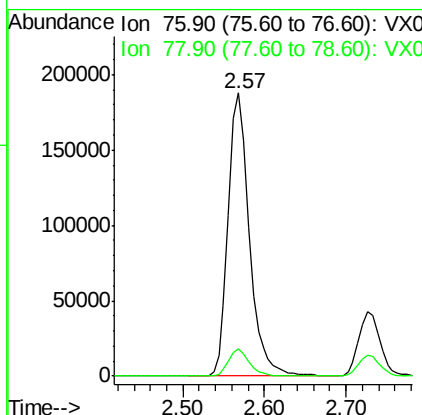
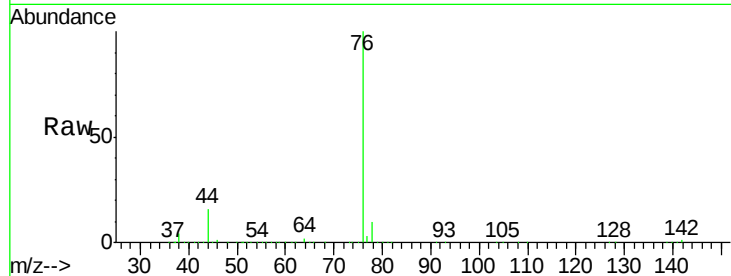
#17
Carbon Disulfide
Concen: 46.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

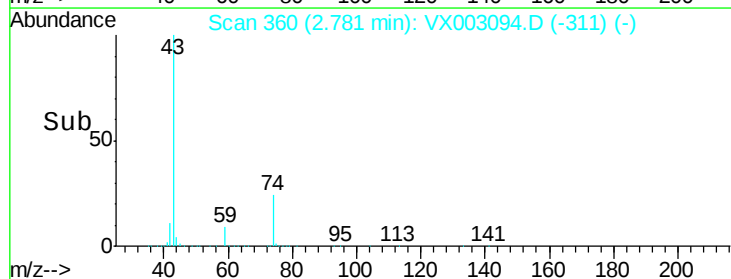
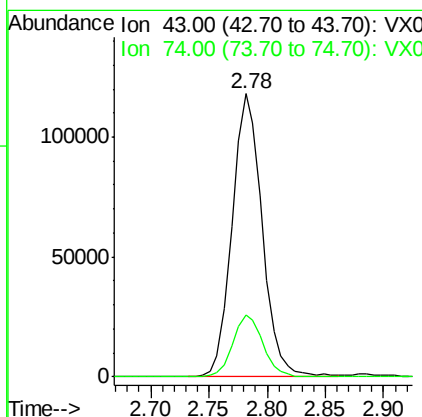
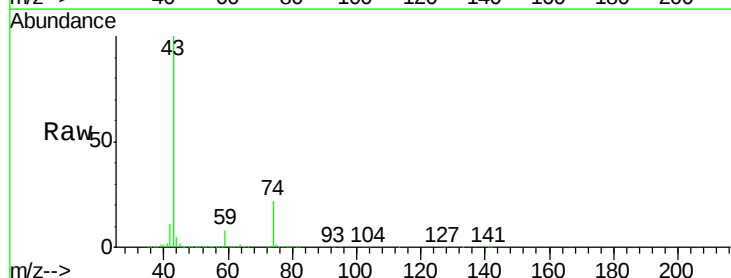
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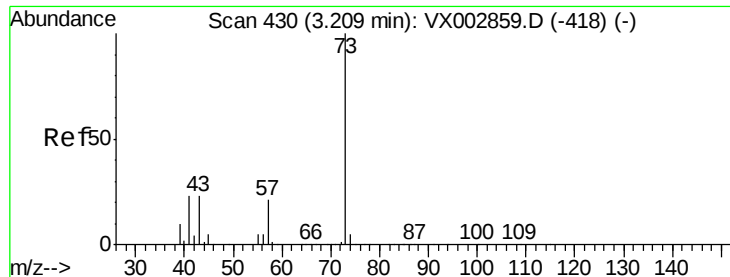
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#18
Methyl Acetate
Concen: 47.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1





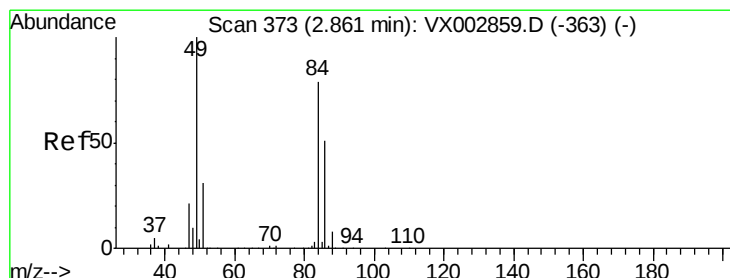
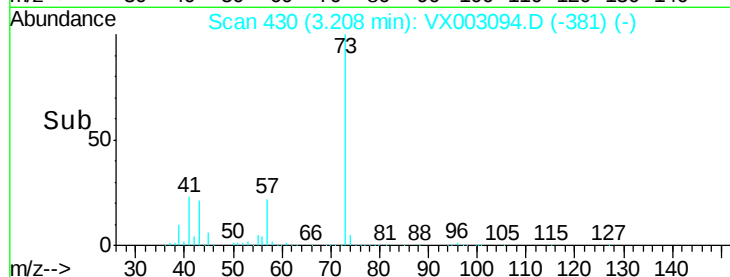
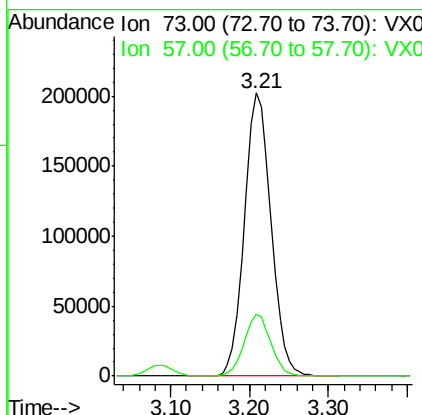
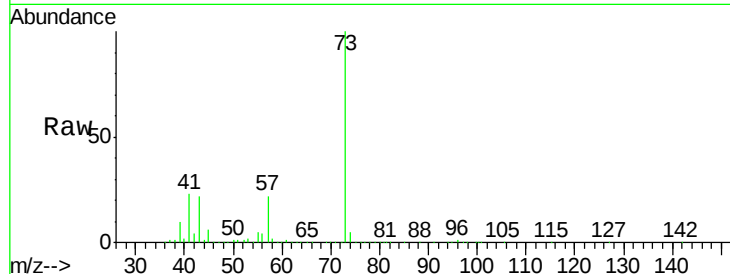
#19
Methvl tert-butvl Ether
Concen: 47.96 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 475405
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

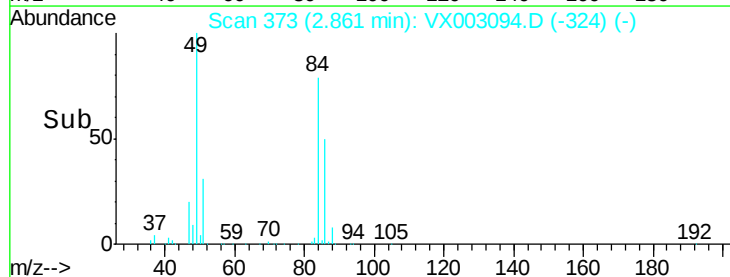
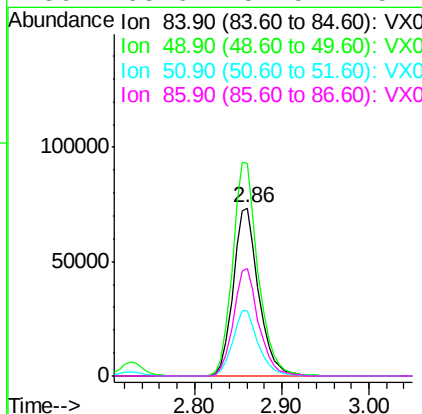
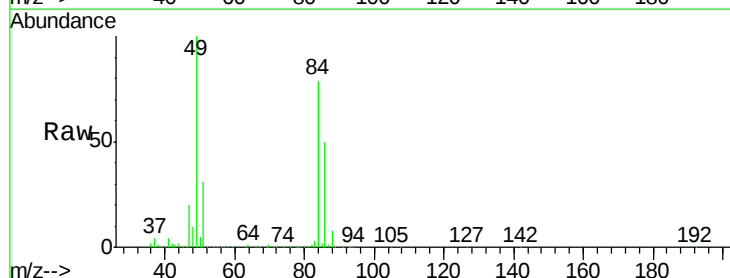
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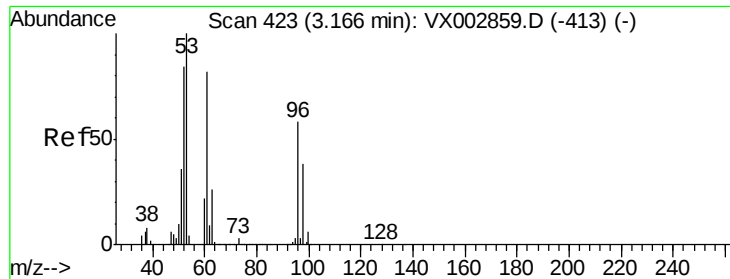
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#20
Methylene Chloride
Concen: 47.63 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion: 84 Resp: 148352
Ion Ratio Lower Upper
84 100
49 126.0 107.8 161.6
51 38.4 32.8 49.2
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 140642

Ion Ratio Lower Upper

96 100

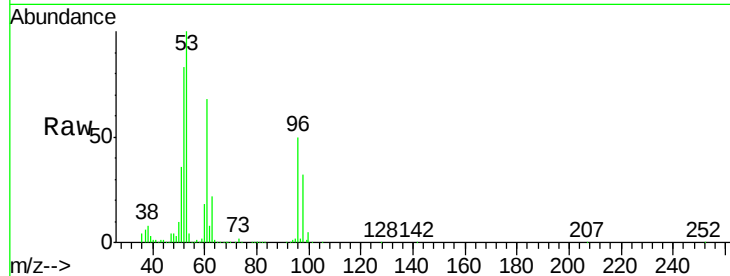
61 137.2 117.0 175.4

98 63.5 52.4 78.6

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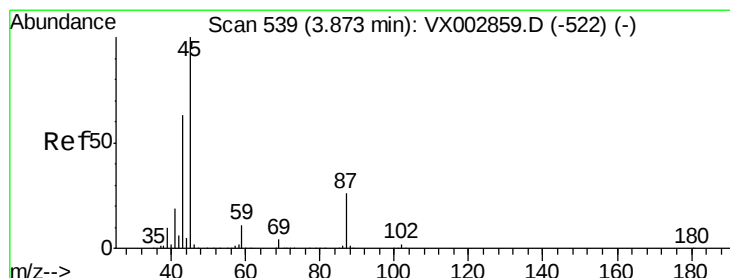
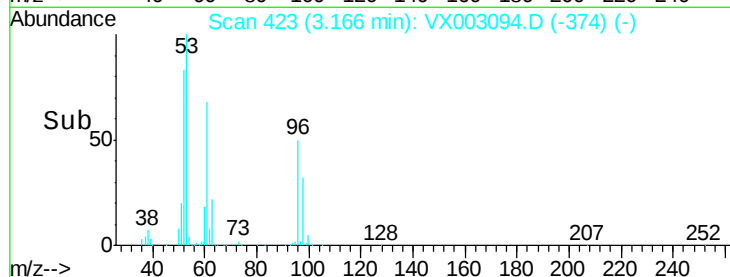
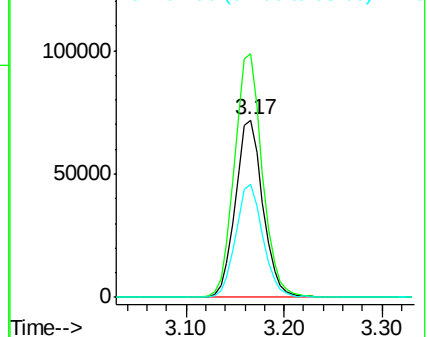
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.25 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion: 45 Resp: 511695

Ion Ratio Lower Upper

45 100

43 59.1 46.8 70.2

87 26.6 20.2 30.4

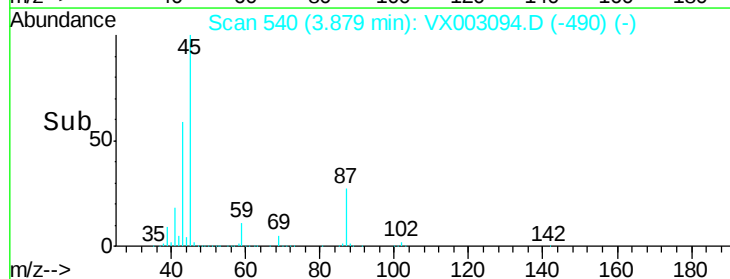
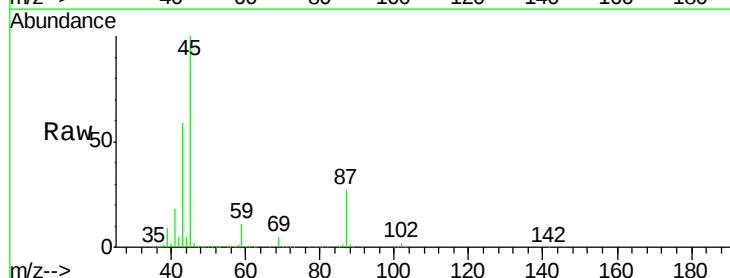
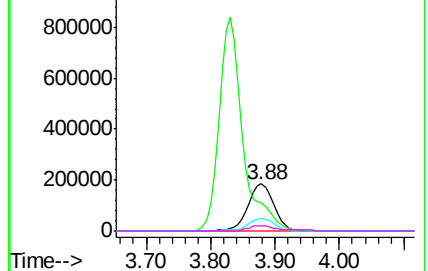
59 11.1 8.7 13.1

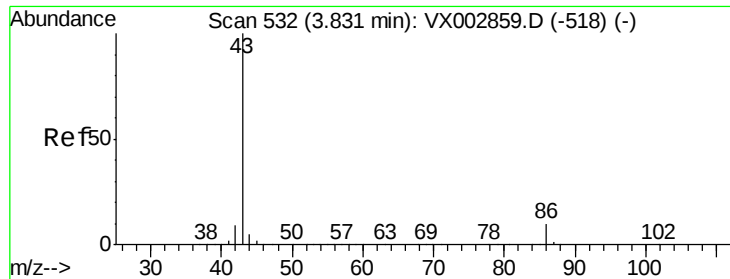
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 246.54 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2169033

Ion Ratio Lower Upper

43 100

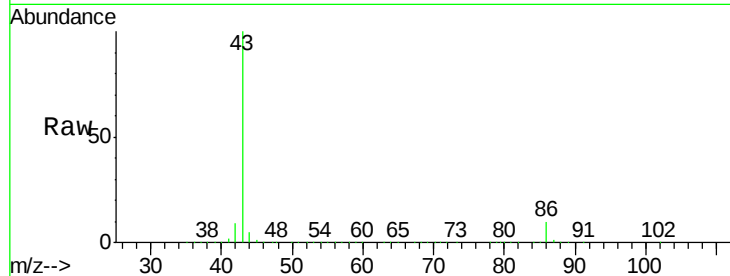
86 9.8 7.4 11.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

400000

200000

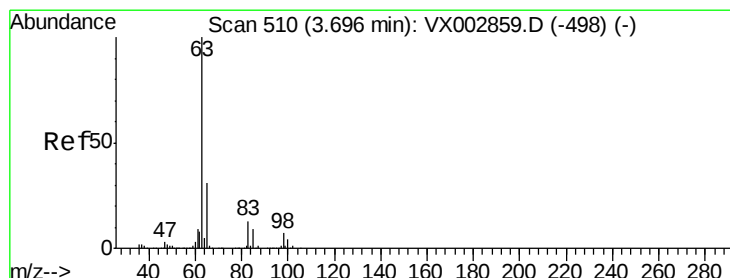
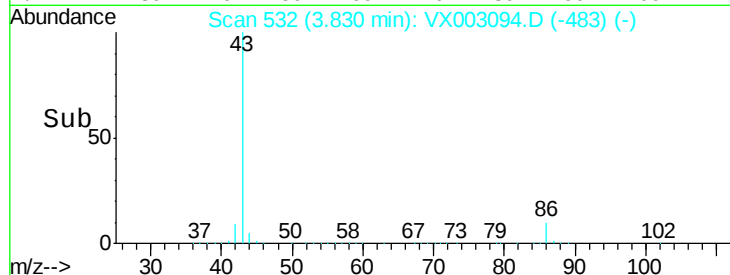
0

3.80

3.83

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.36 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

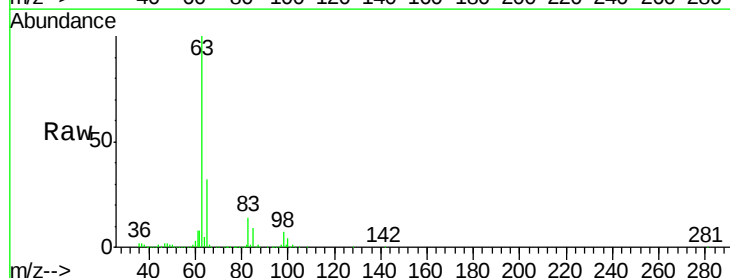
Tgt Ion: 63 Resp: 267483

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

100000

50000

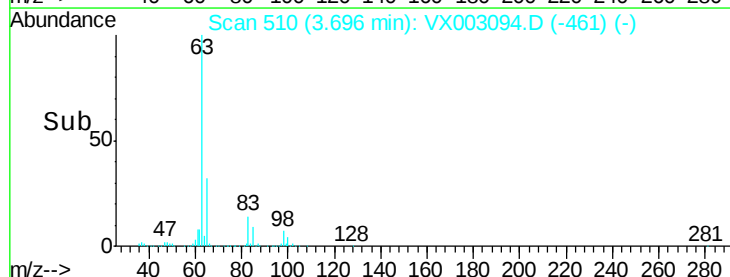
0

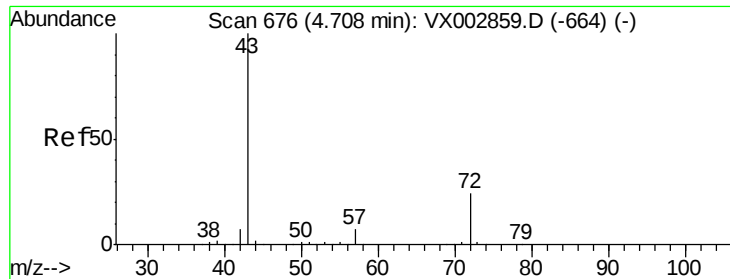
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 253.74 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 602694

Ion Ratio Lower Upper

43 100

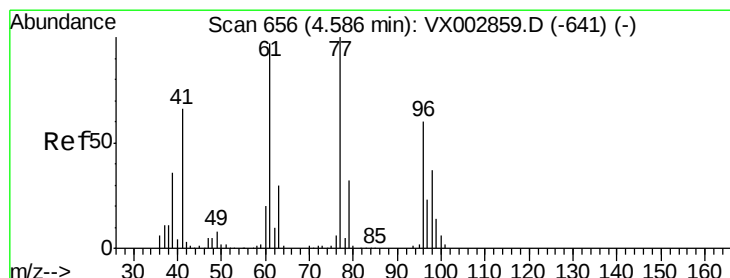
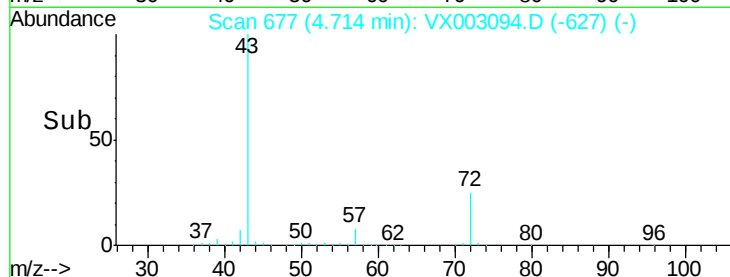
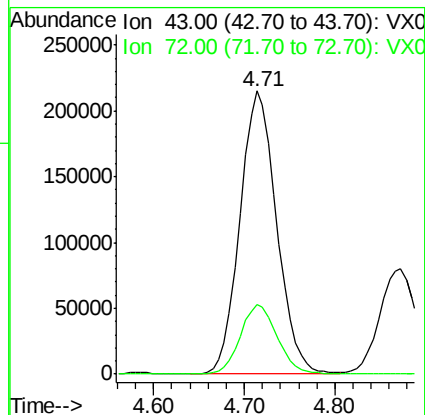
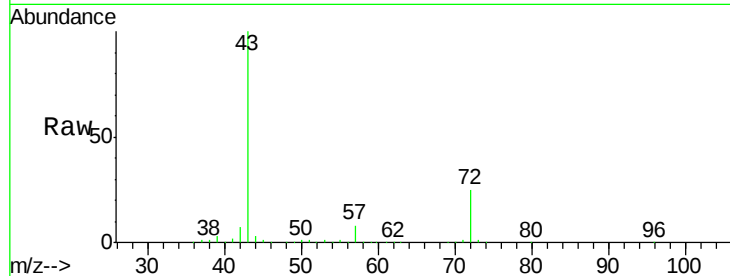
72 24.6 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 34.44 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003094.D

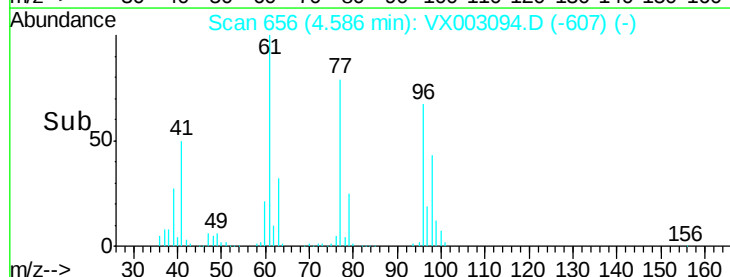
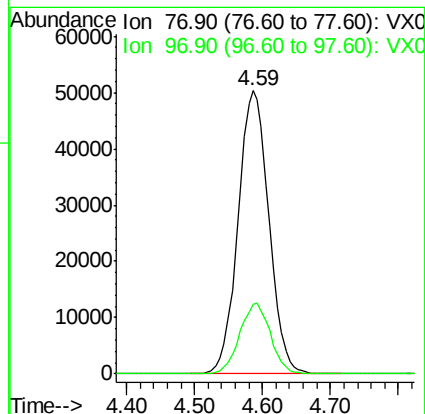
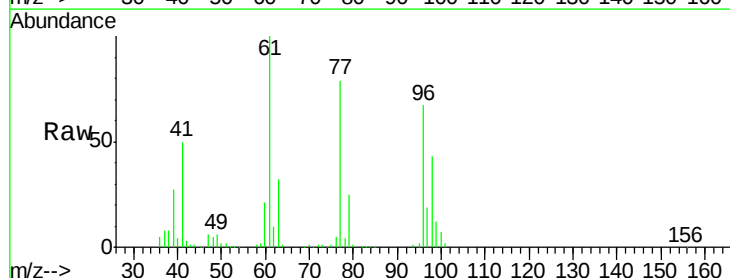
Acq: 30 Jun 2018 22:02

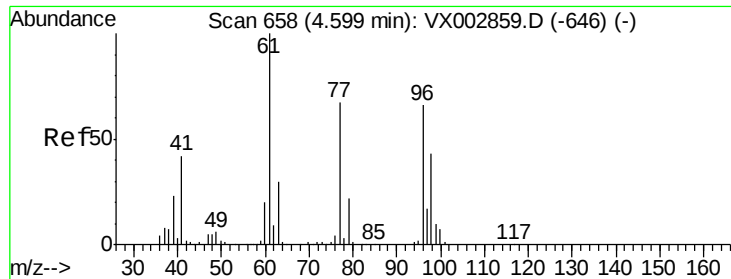
Tgt Ion: 77 Resp: 158130

Ion Ratio Lower Upper

77 100

97 24.8 11.2 33.5





#27

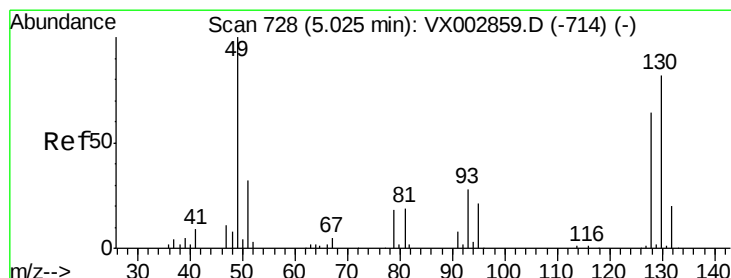
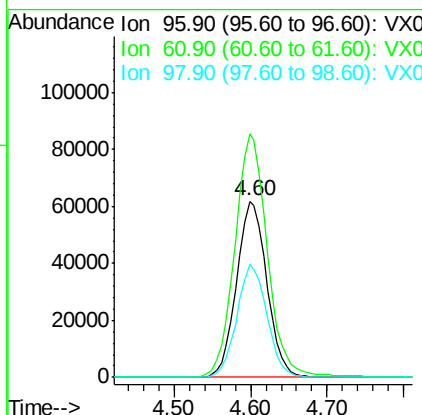
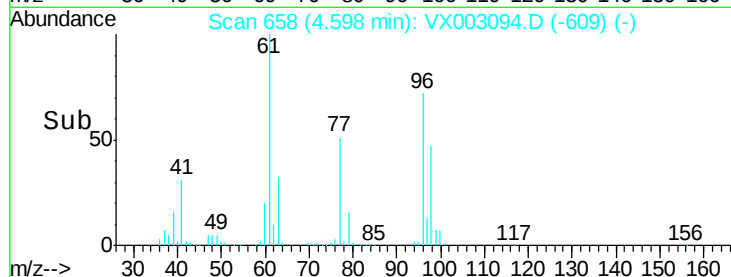
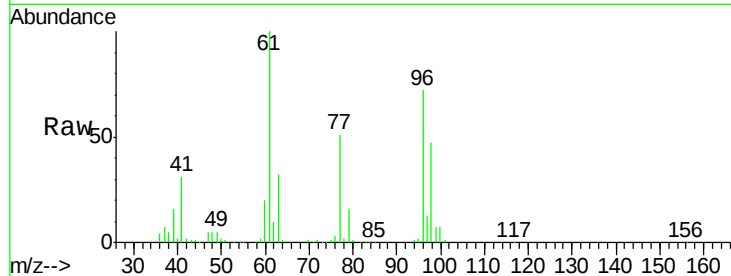
cis-1,2-Dichloroethene
Concen: 50.39 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	330.2
98	63.9	0.0	130.2

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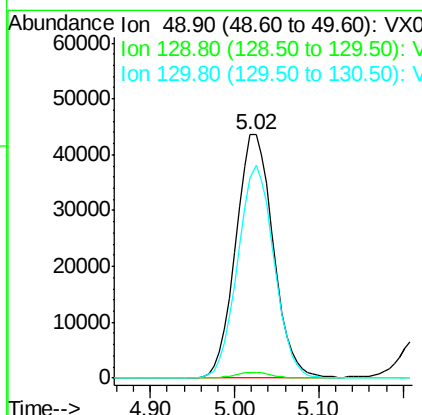
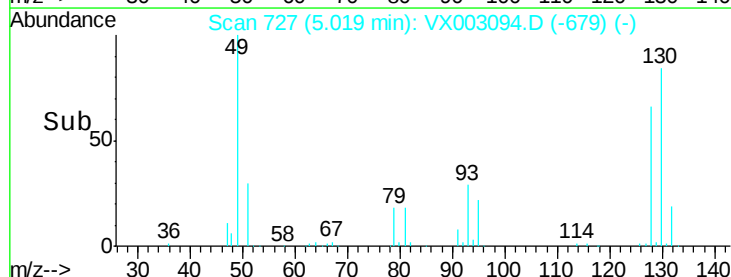
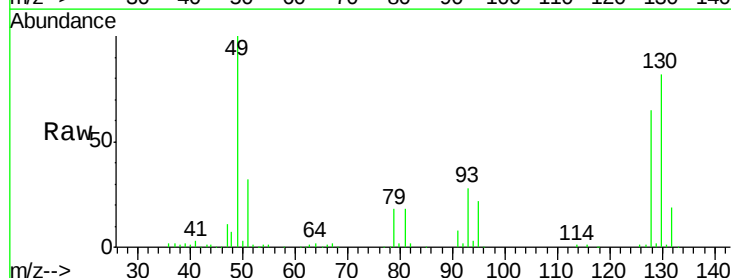
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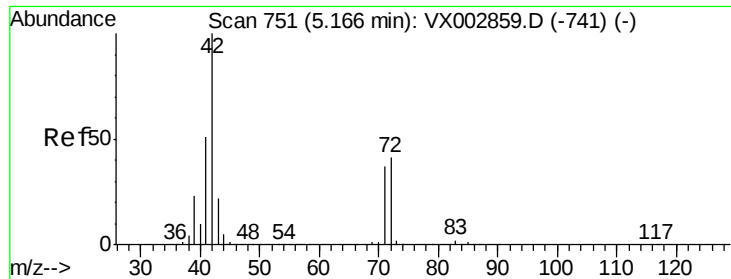


#28

Bromochloromethane
Concen: 48.74 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	84.7	61.2	91.8





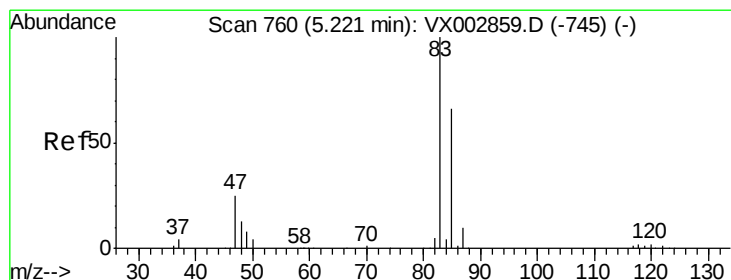
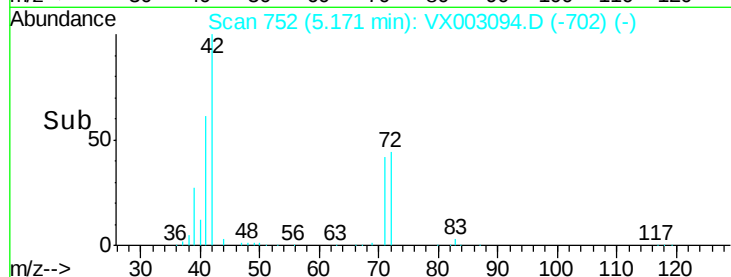
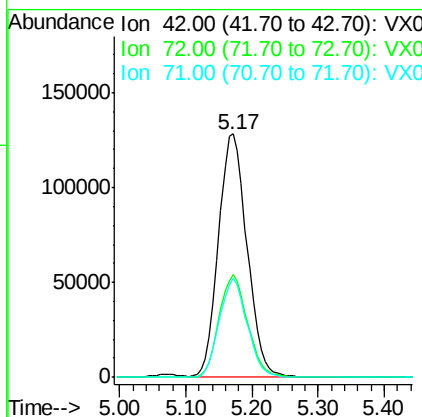
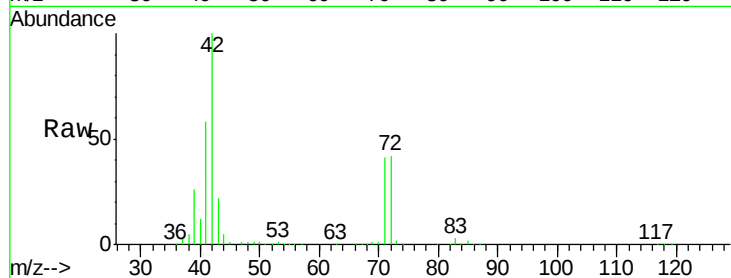
#29
Tetrahydrofuran
Concen: 251.14 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	32.0	48.0
71	39.7	30.1	45.1

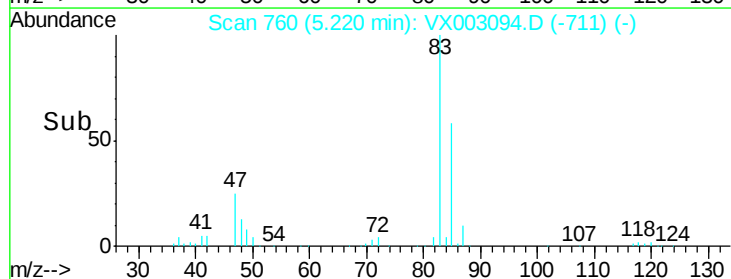
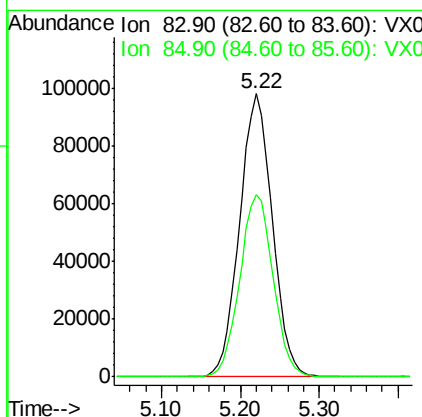
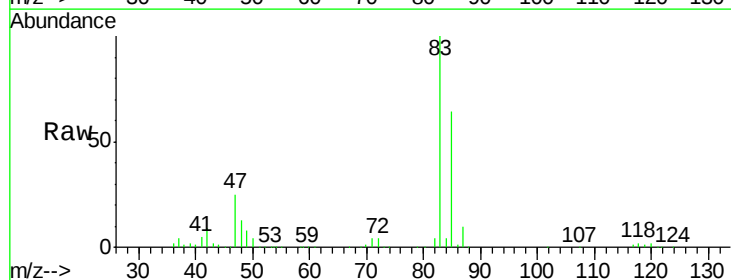
Manual Integrations
APPROVED

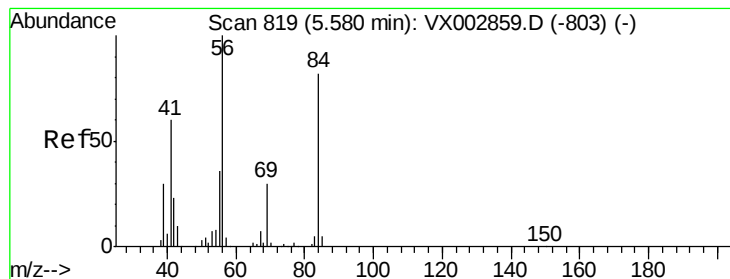
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#30
Chloroform
Concen: 48.98 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6





#31

Cyclohexane

Concen: 48.14 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

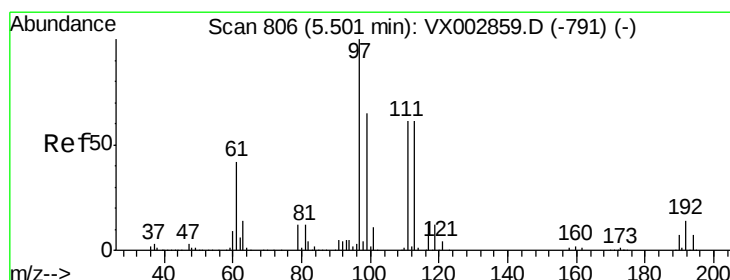
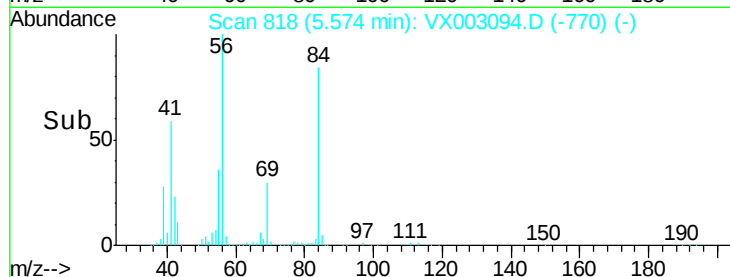
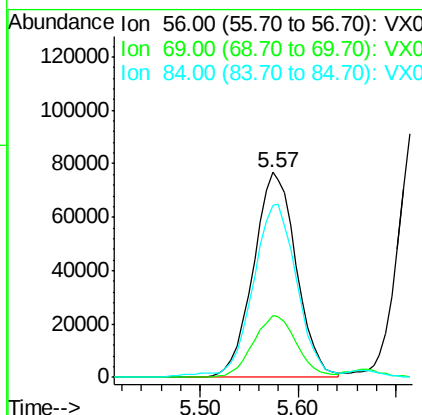
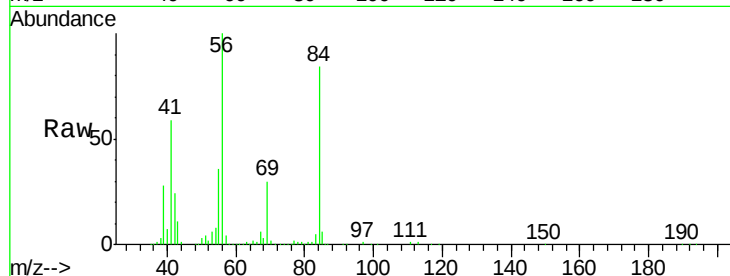
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	233290
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.7	35.5
84	82.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.66 ug/l

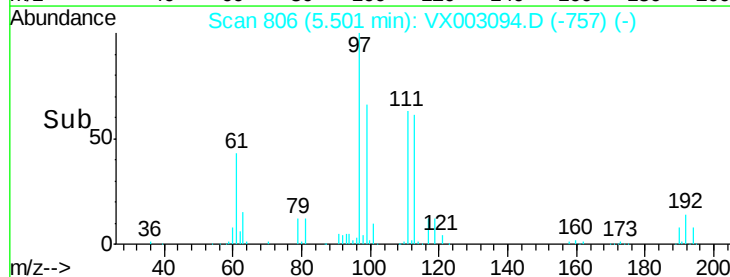
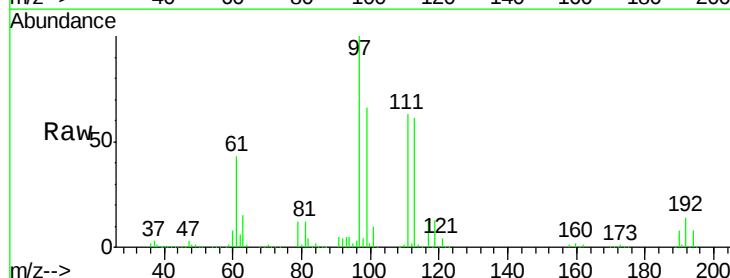
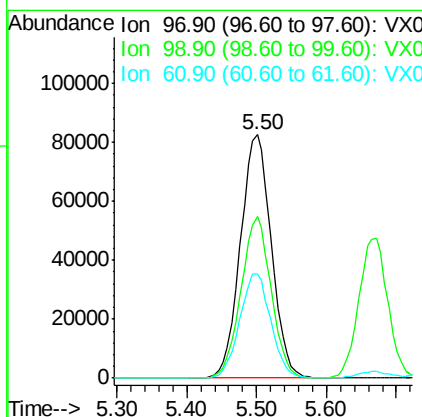
RT: 5.50 min Scan# 806

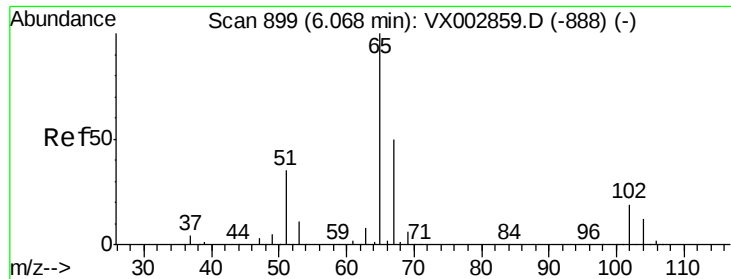
Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion:	97	Resp:	253243
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.2	36.4	54.6





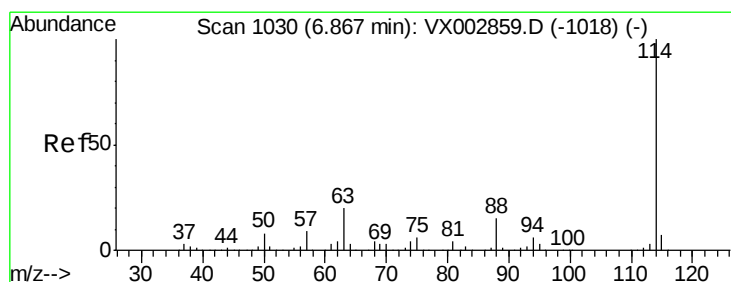
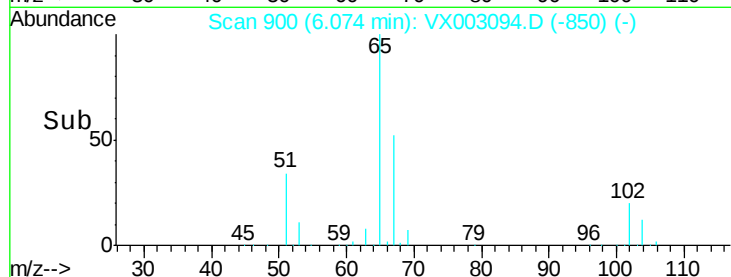
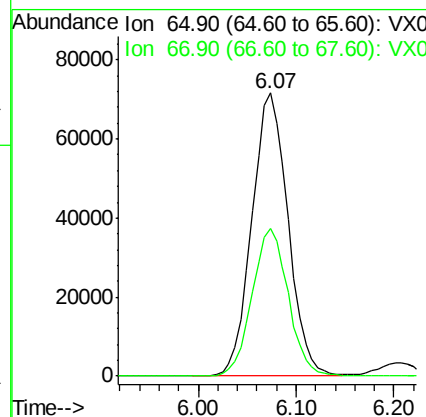
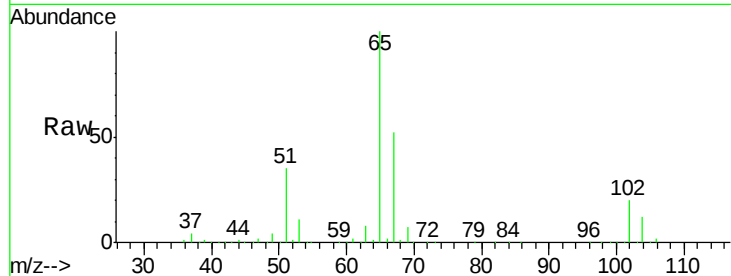
#33
 1,2-Dichloroethane-d4
 Concen: 47.81 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6

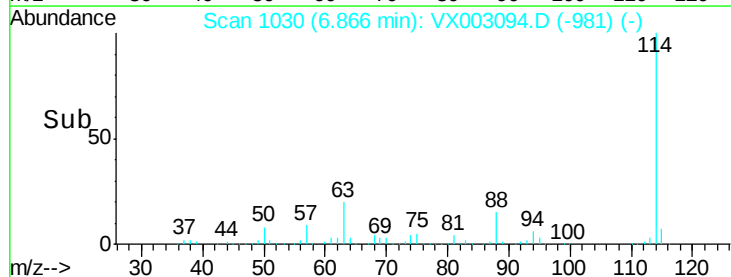
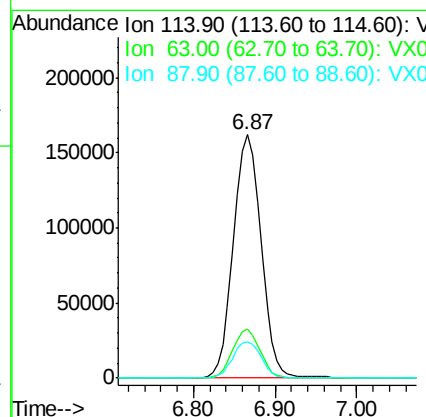
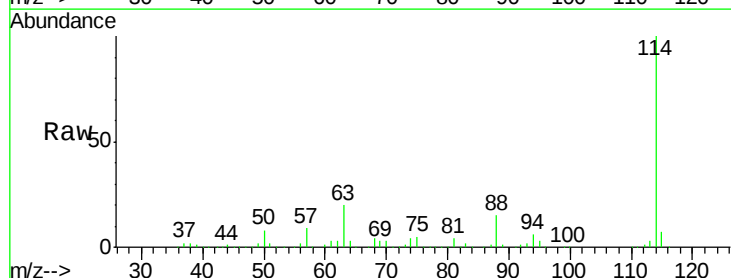
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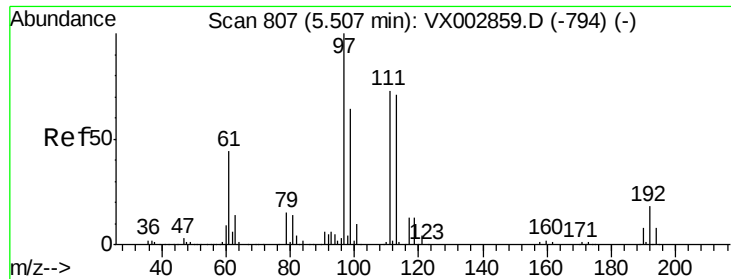
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.1	0.0	30.0





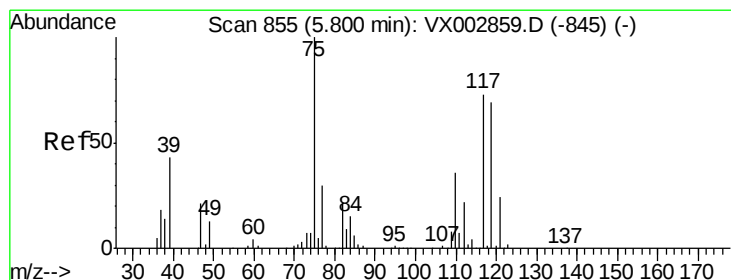
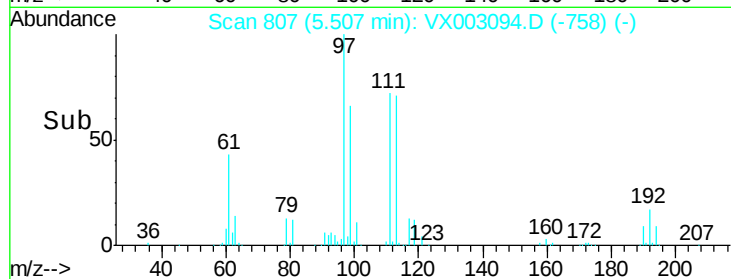
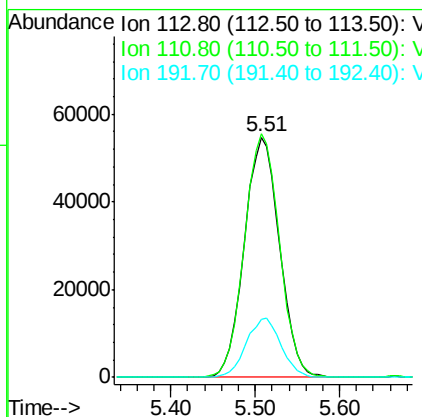
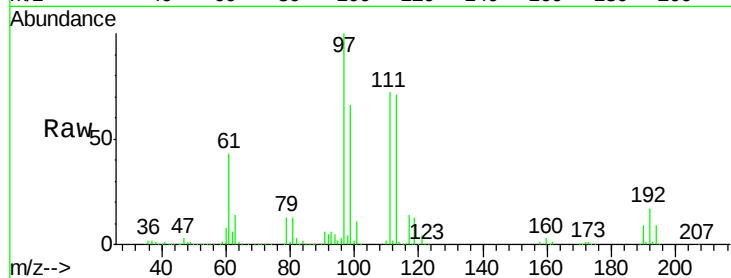
#35
 Dibromofluoromethane
 Concen: 51.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154902		
111	101.1	81.4	122.0	
192	24.6	19.1	28.7	

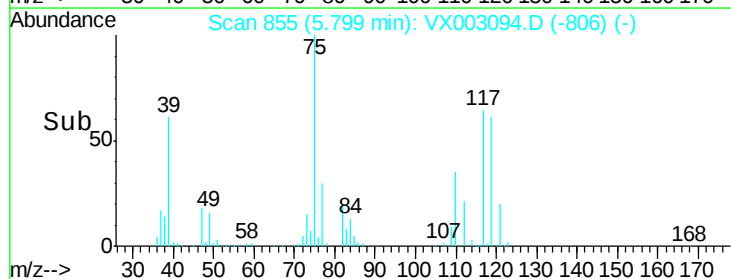
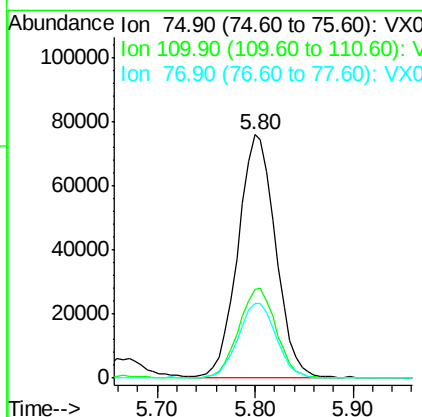
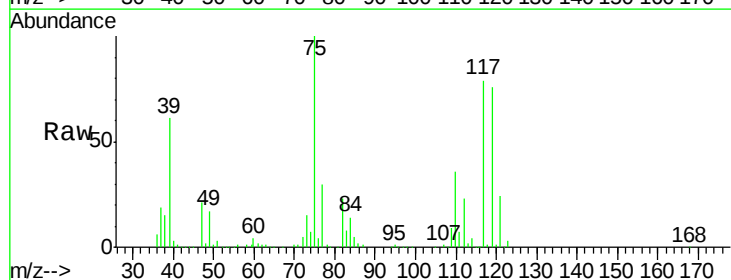
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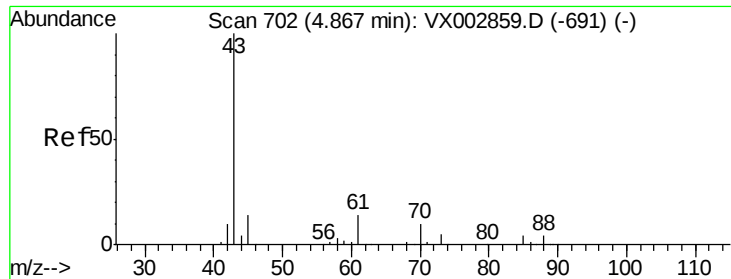
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#36
 1,1-Dichloropropene
 Concen: 48.12 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	201763		
110	37.2	18.1	54.4	
77	31.2	24.3	36.5	





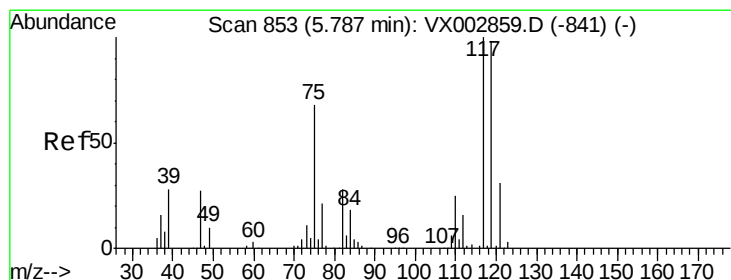
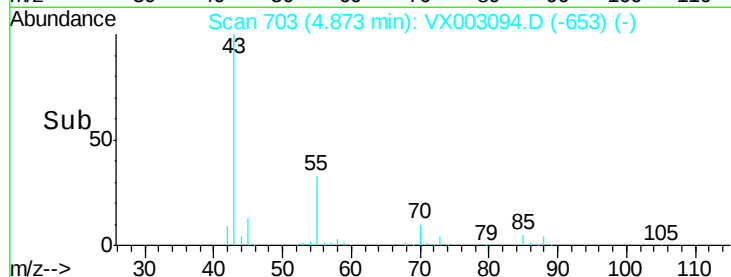
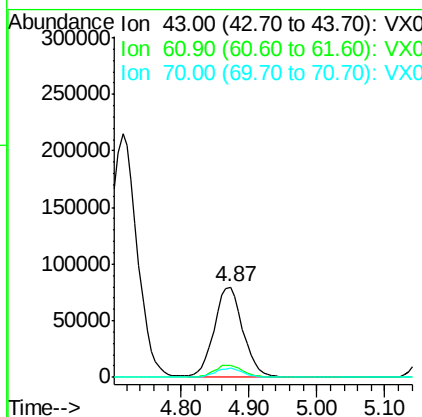
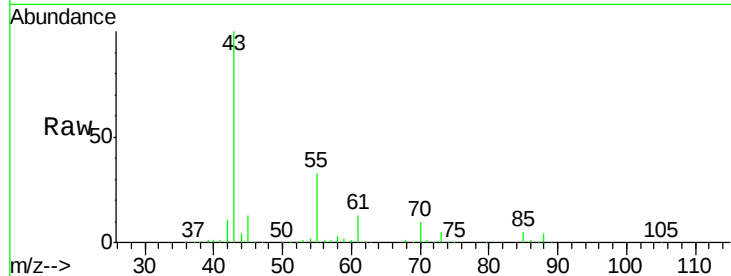
#37
Ethyl Acetate
Concen: 51.73 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	233534
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	10.0	7.6	11.4

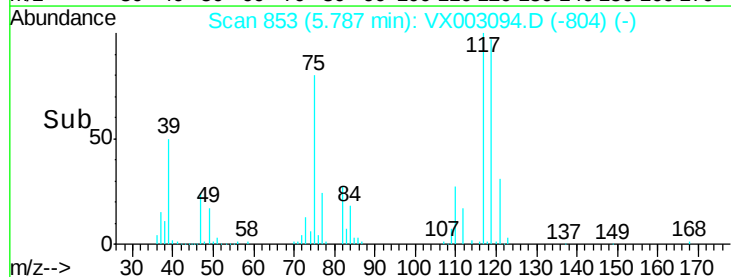
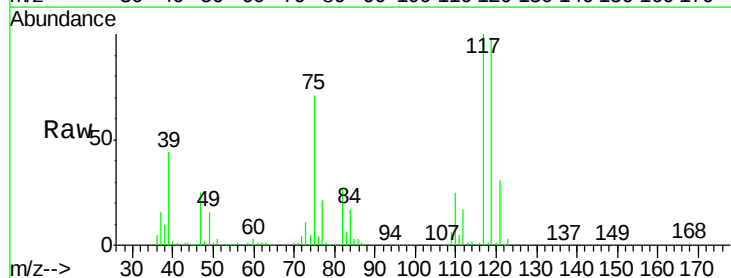
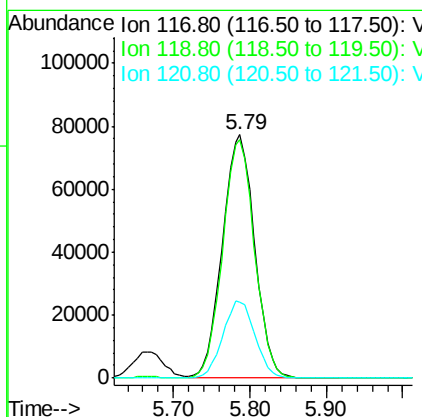
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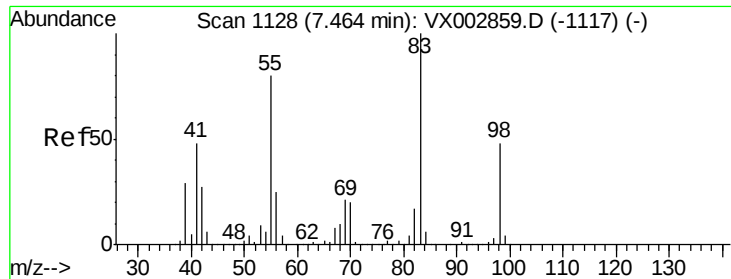
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#38
Carbon Tetrachloride
Concen: 49.04 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion:	117	Resp:	225626
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
121	31.2	24.4	36.6





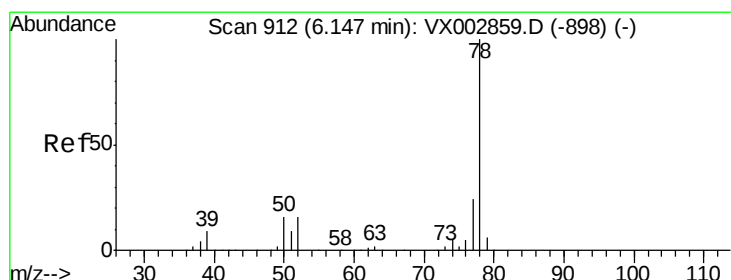
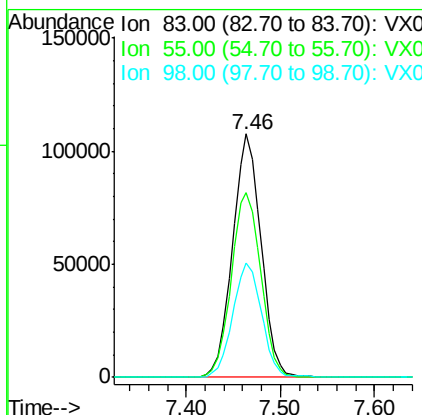
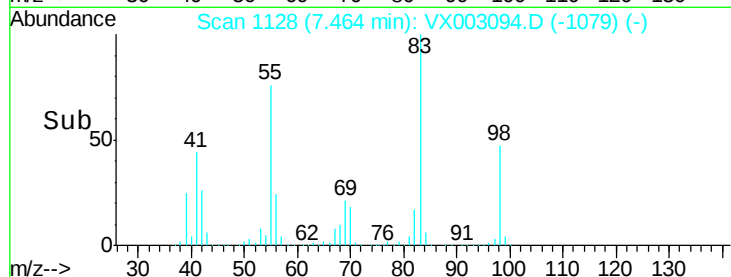
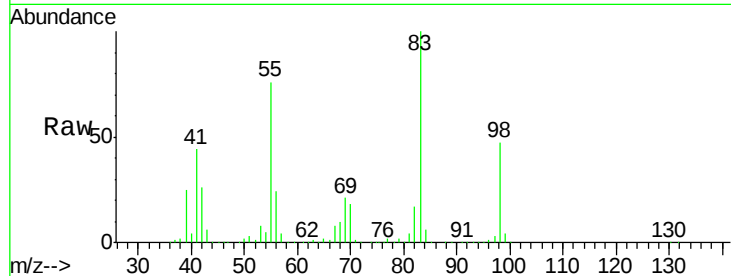
#39
Methvlcvclohexane
Concen: 46.36 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	226398		
55	75.7		65.4	98.0
98	47.0		37.4	56.0

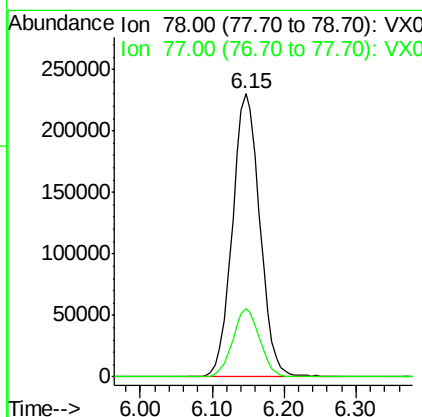
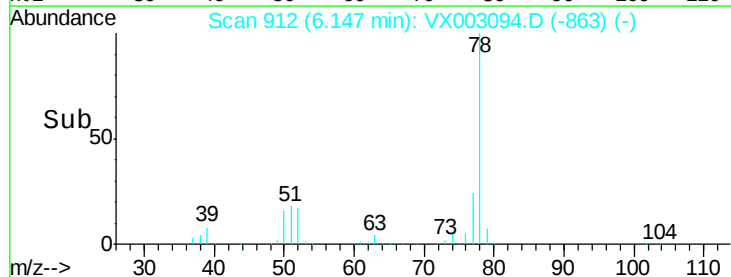
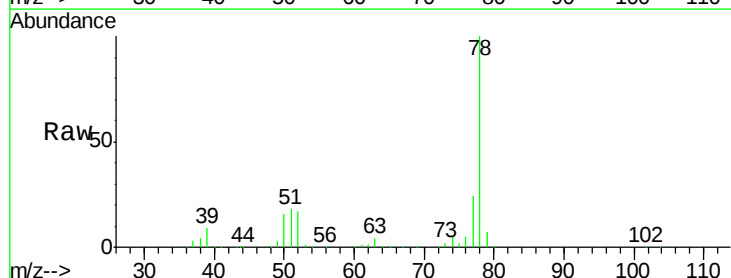
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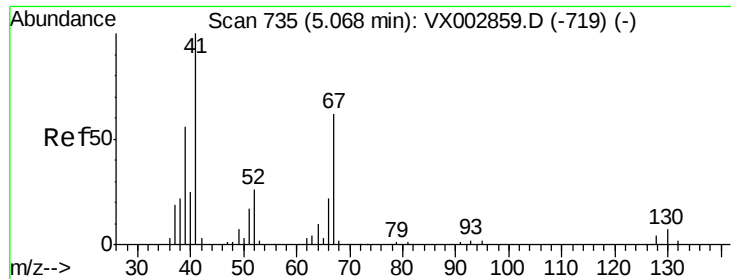
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#40
Benzene
Concen: 49.95 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	608449		
77	24.1		19.1	28.7





#41

Methacrylonitrile

Concen: 51.86 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

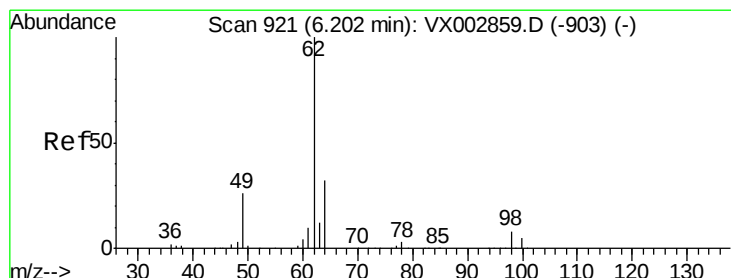
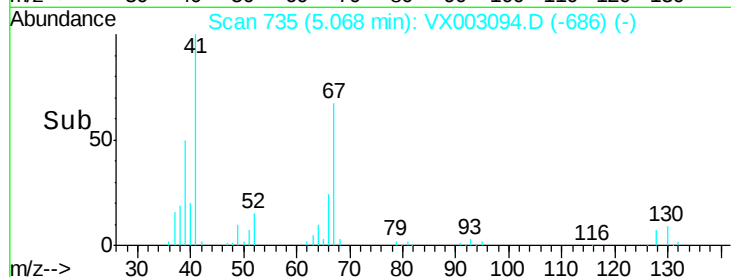
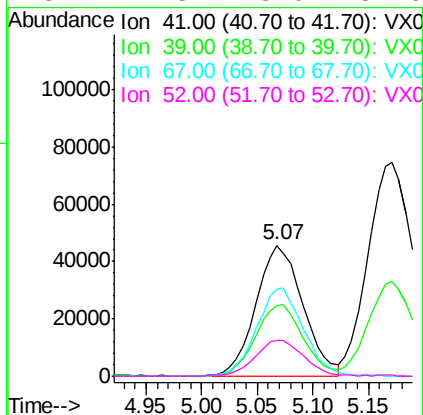
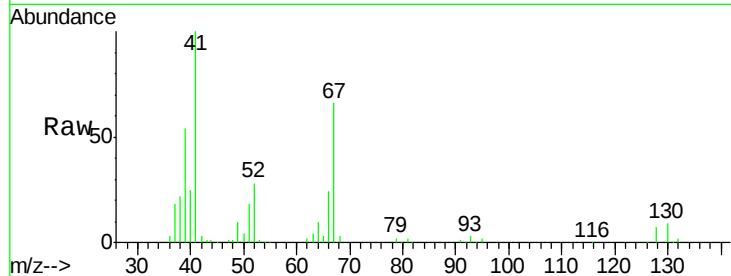
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	45.8	68.6	
67	66.9	51.3	76.9	
52	27.8	23.0	34.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.32 ug/l

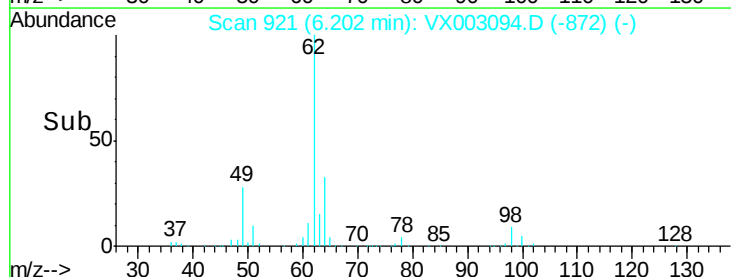
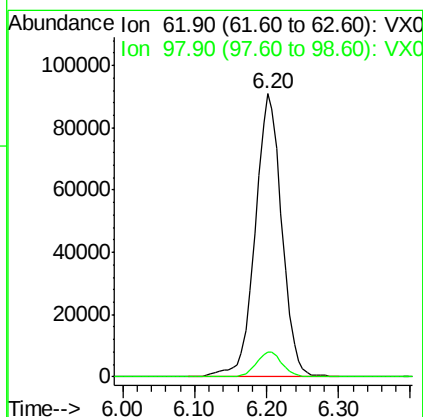
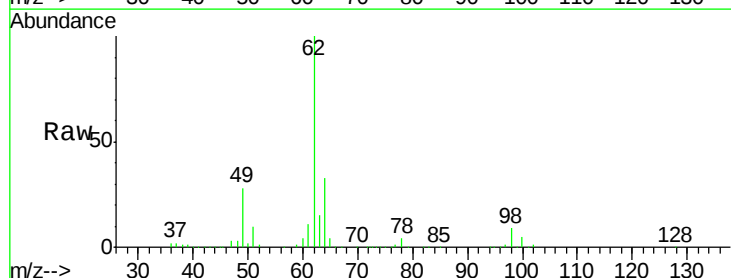
RT: 6.20 min Scan# 921

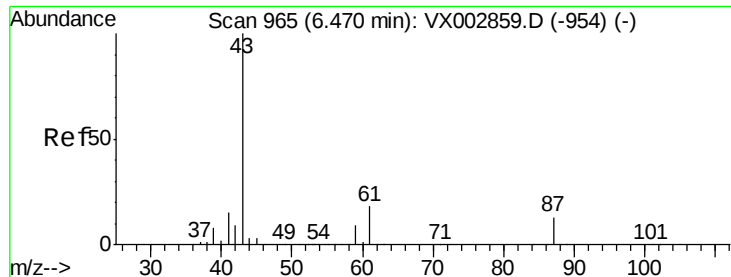
Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	





#43

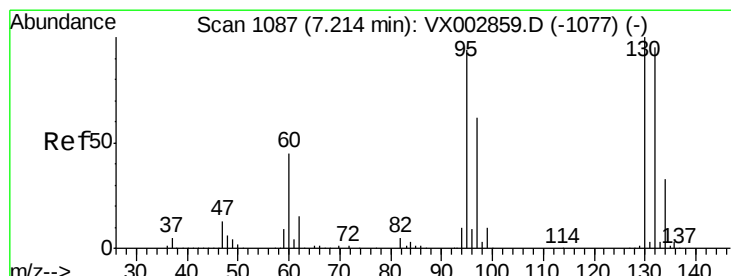
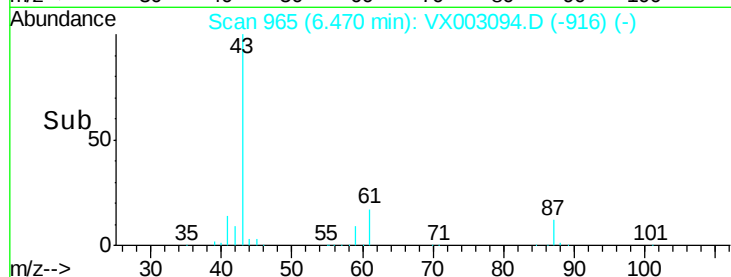
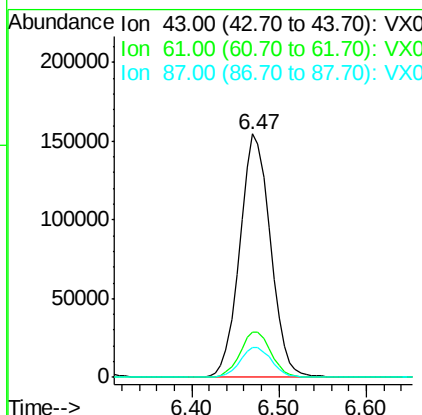
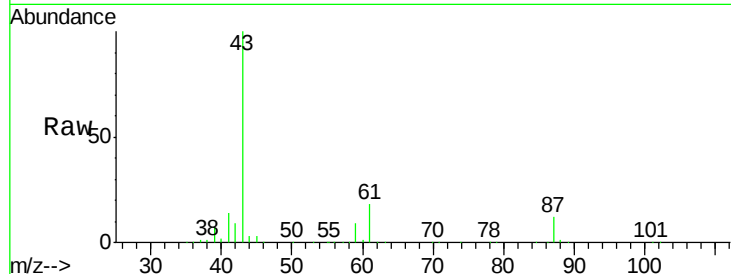
Isopropyl Acetate
 Concen: 49.69 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.4	21.6
87	12.6	9.5	14.3

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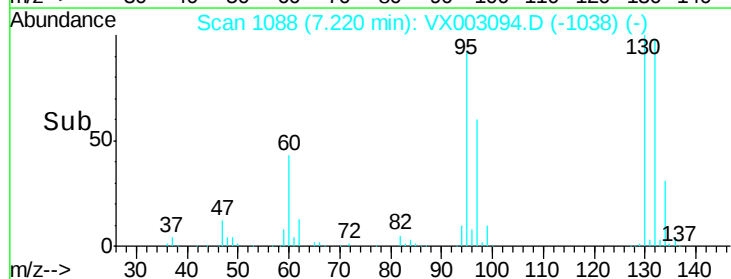
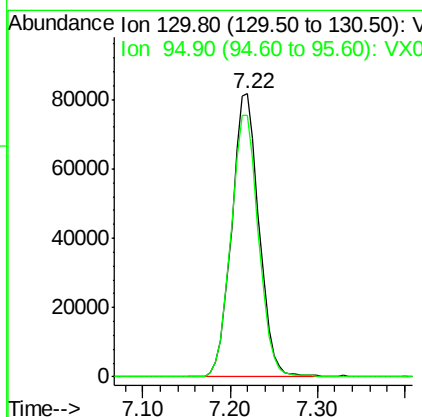
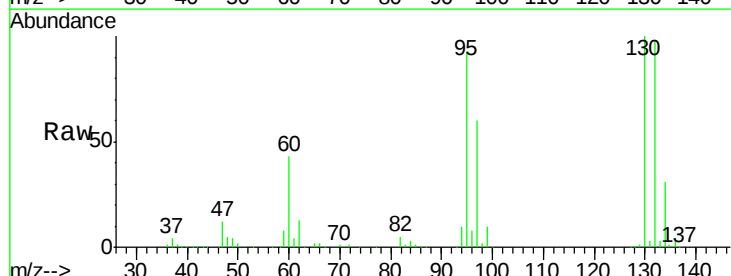
apatel
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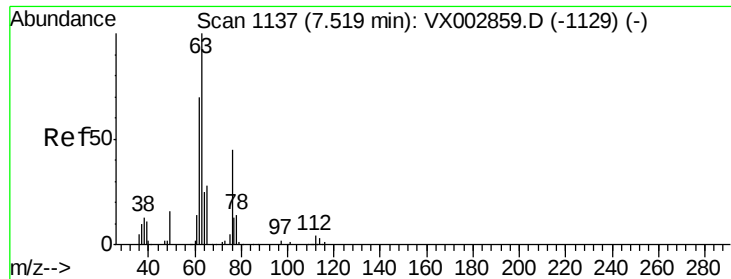


#44

Trichloroethene
 Concen: 48.98 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	185.4





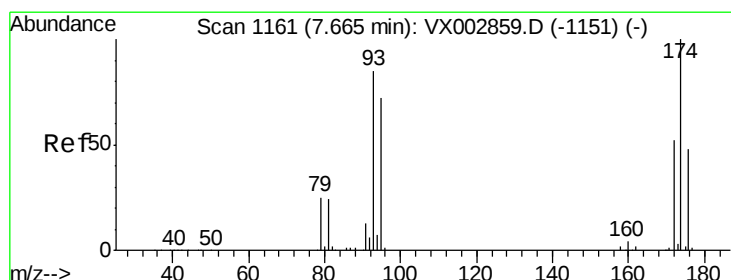
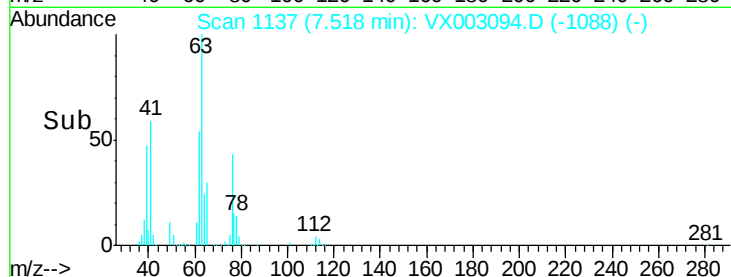
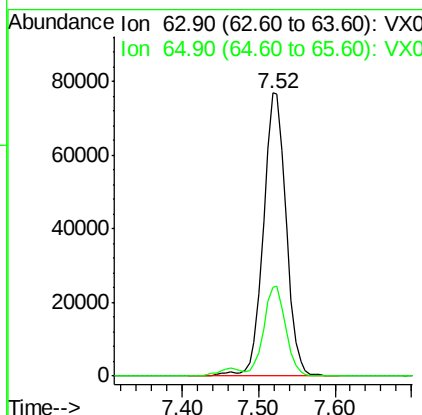
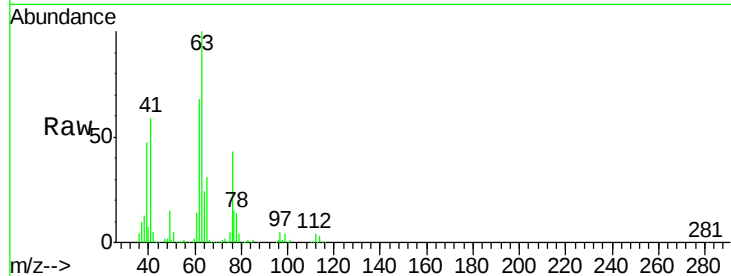
#45
 1,2-Dichloropropane
 Concen: 49.61 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 160325
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

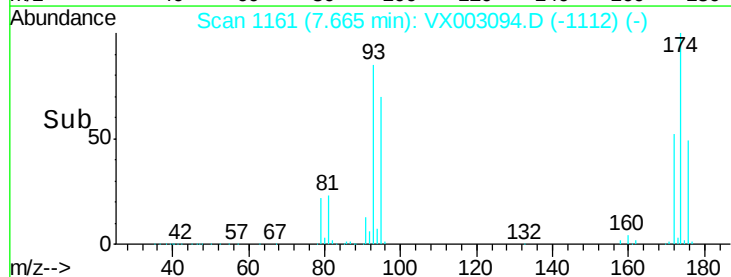
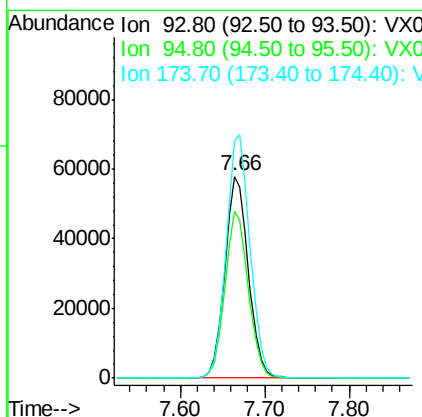
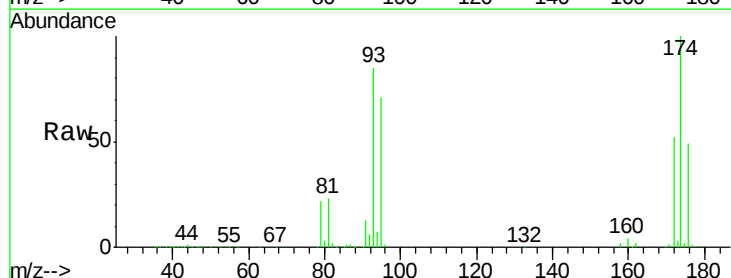
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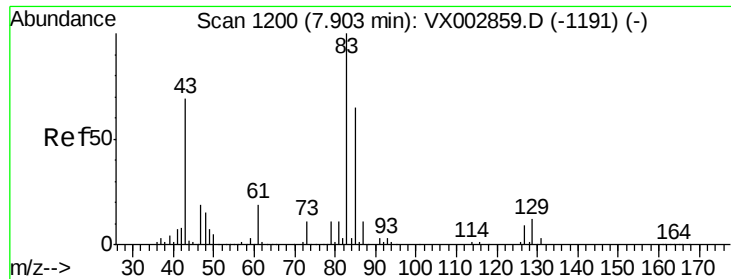
apatel
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#46
 Dibromomethane
 Concen: 49.15 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion: 93 Resp: 110217
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 122.0 92.4 138.6





#47

Bromodichloromethane

Concen: 50.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

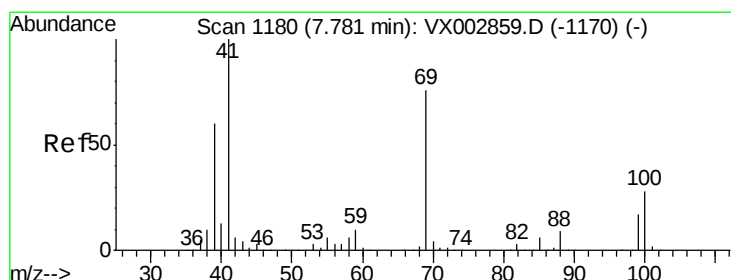
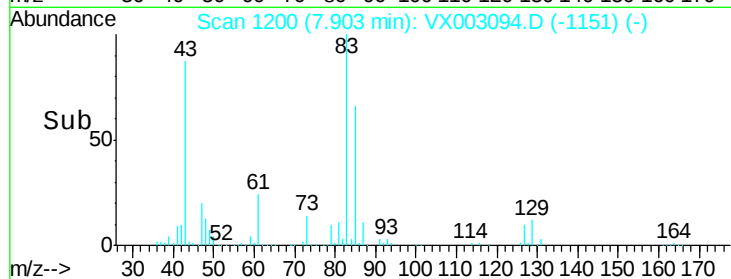
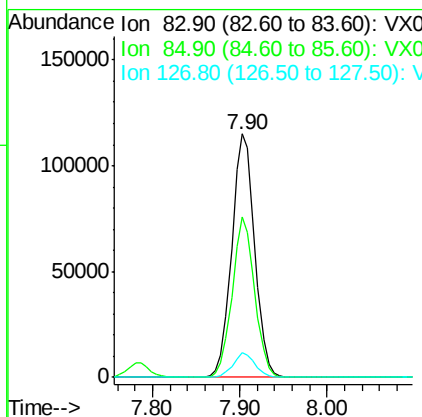
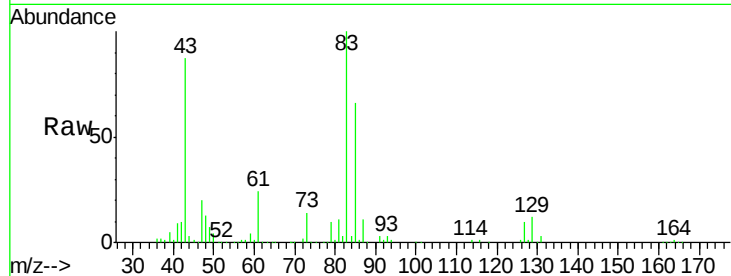
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	209633
Ion Ratio	Lower	Upper	
83	100		
85	66.0	50.3	75.5
127	10.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.82 ug/l

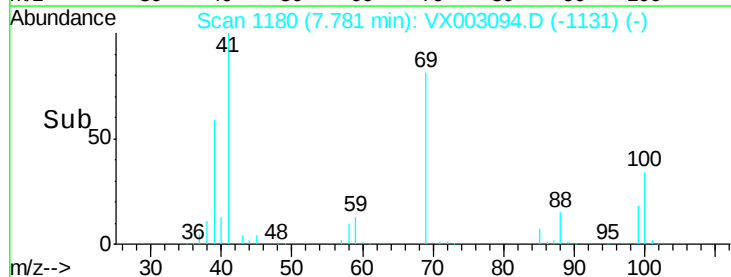
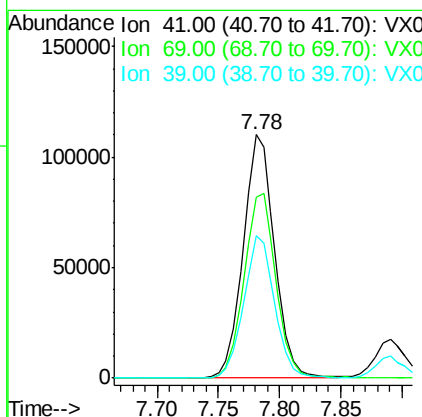
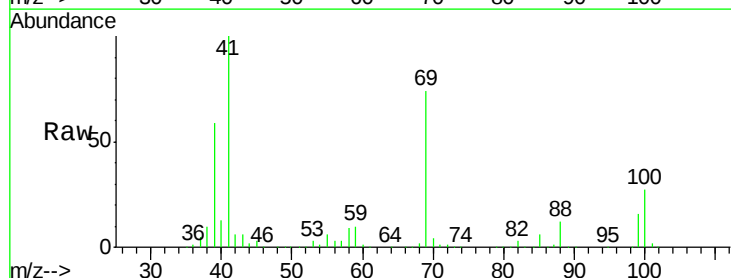
RT: 7.78 min Scan# 1180

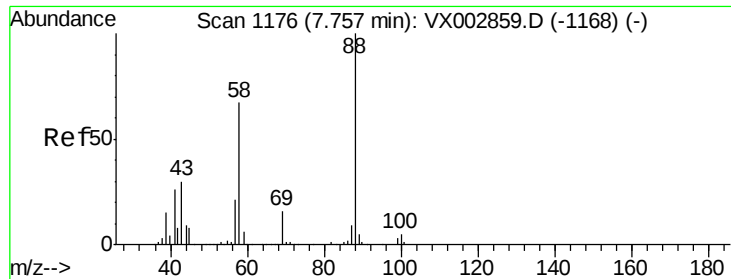
Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion:	41	Resp:	194359
Ion Ratio	Lower	Upper	
41	100		
69	78.4	59.1	88.7
39	58.0	48.9	73.3





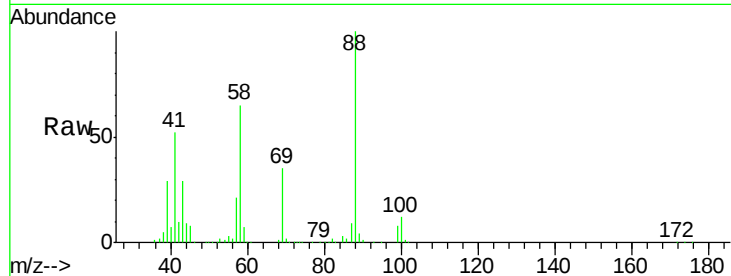
#49
1,4-Dioxane
Concen: 1046.00 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	29.8	44.6
58	68.4	57.1	85.7

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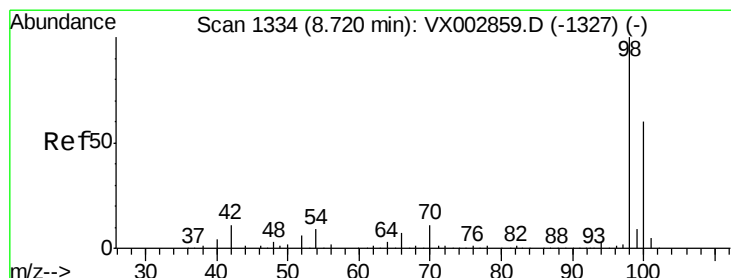
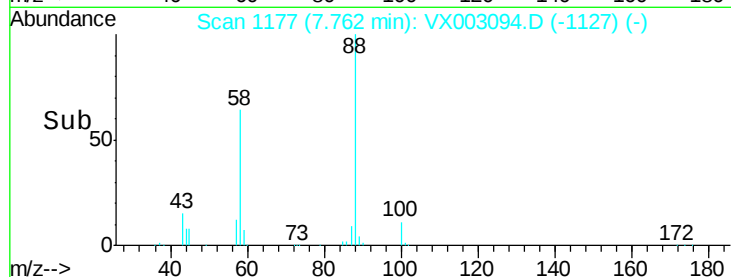
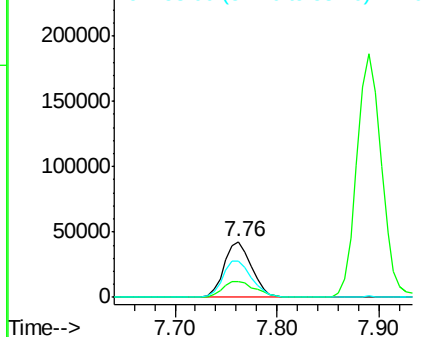


Abundance

Ion 88.00 (87.70 to 88.70): VX0

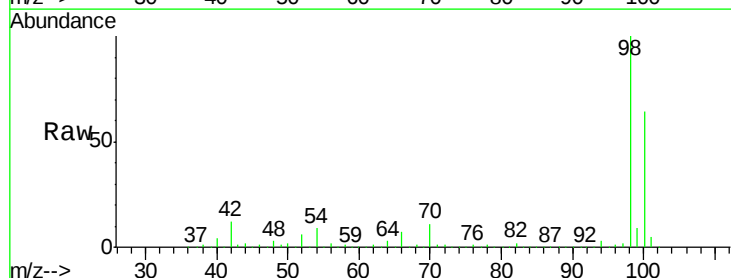
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

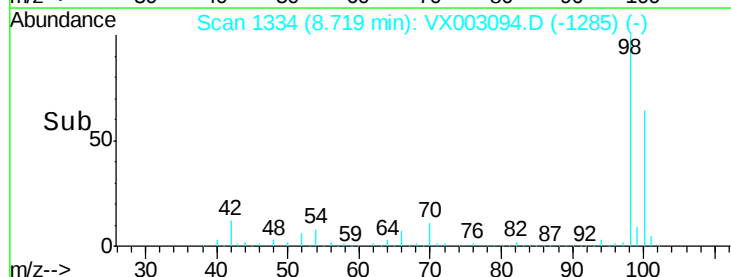
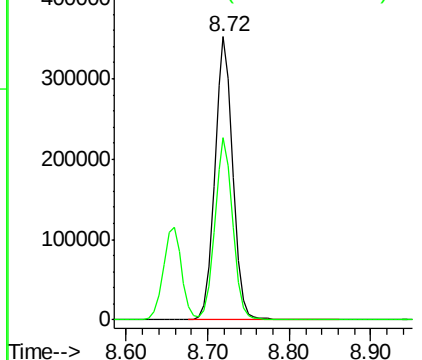
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3

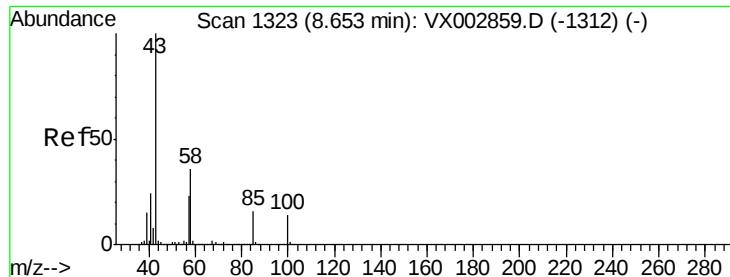


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





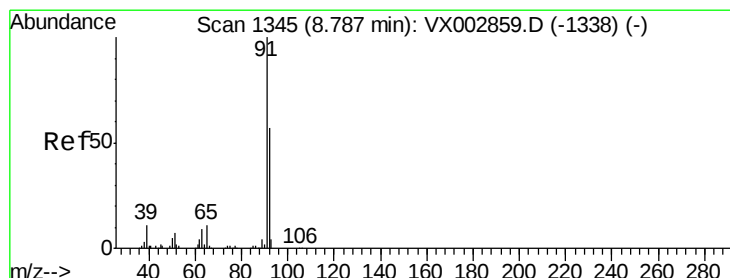
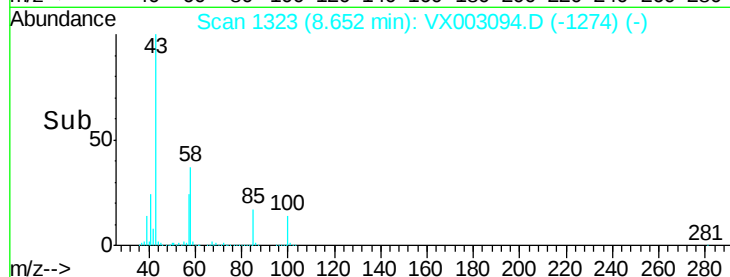
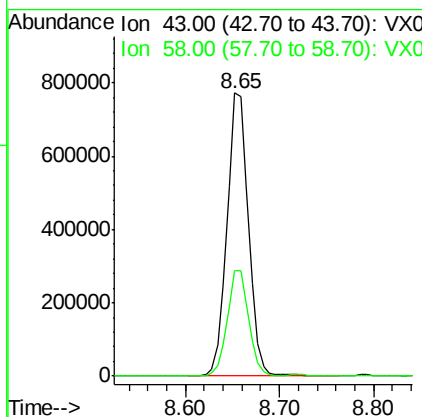
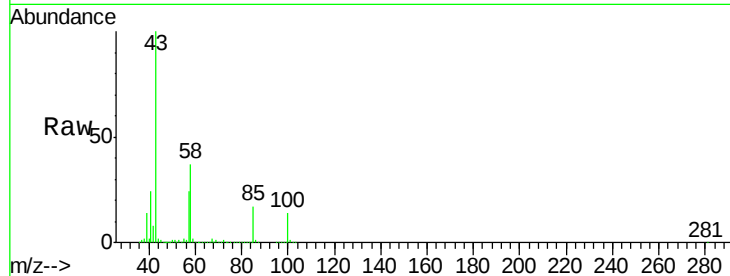
#51
4-Methyl-2-Pentanone
Concen: 257.11 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1217905
Ion Ratio Lower Upper
43 100
58 37.3 28.6 42.8

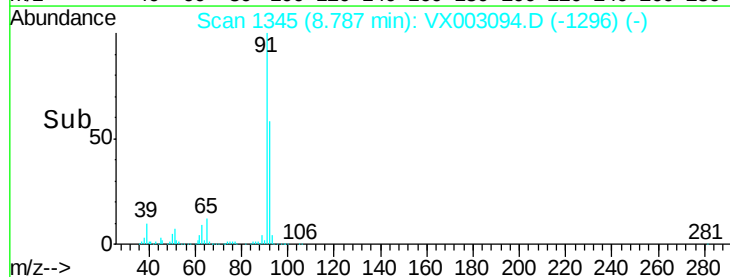
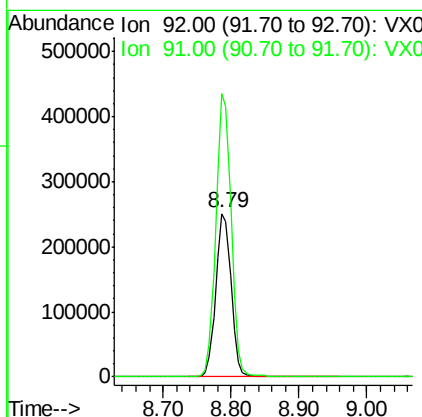
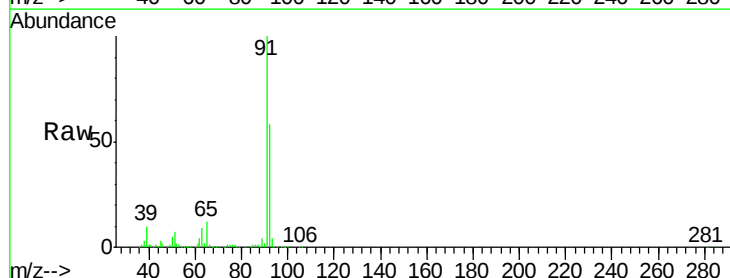
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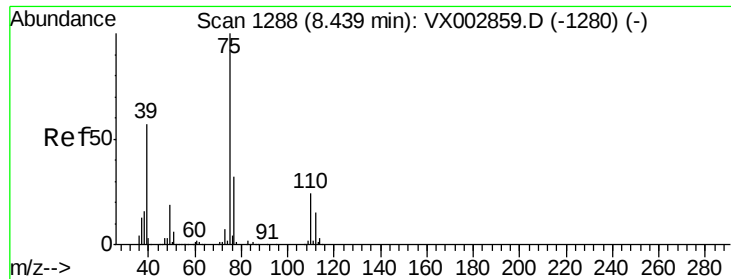
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#52
Toluene
Concen: 50.42 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion: 92 Resp: 393512
Ion Ratio Lower Upper
92 100
91 173.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 50.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 238195

Ion Ratio Lower Upper

75 100

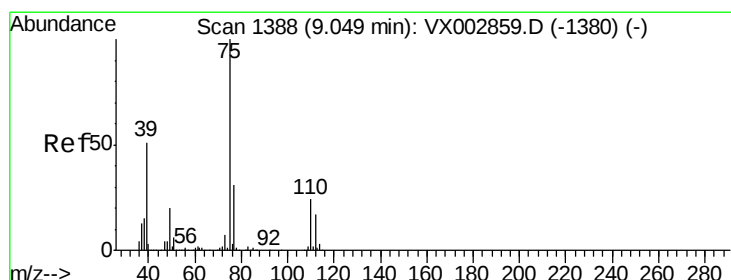
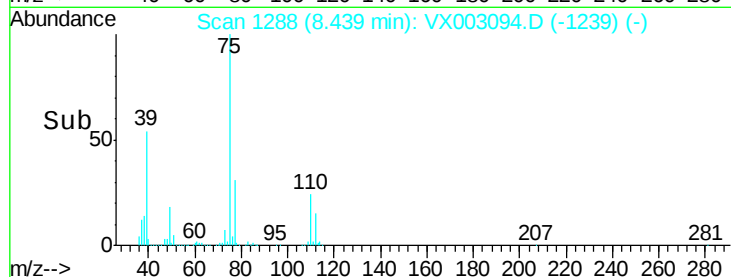
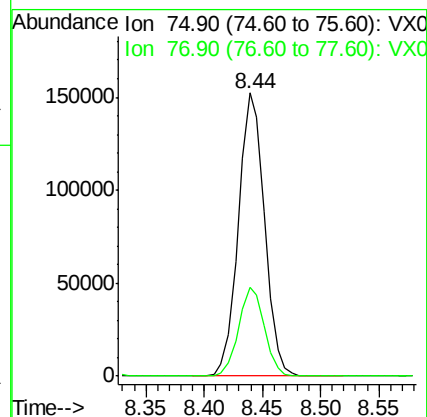
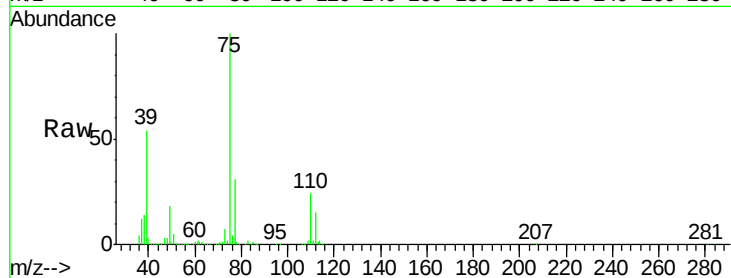
77 31.3 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.43 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

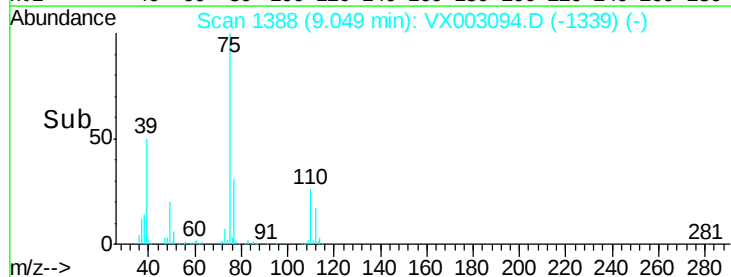
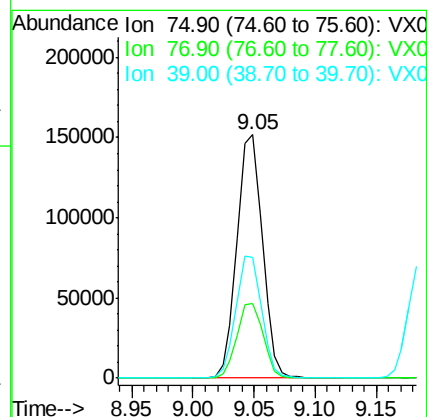
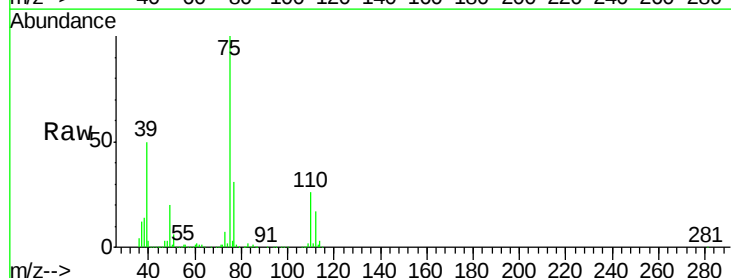
Tgt Ion: 75 Resp: 218821

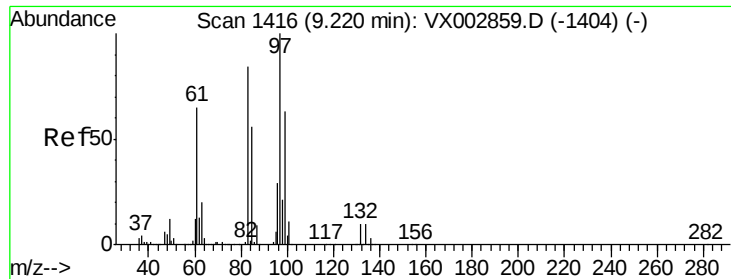
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 49.6 42.4 63.6





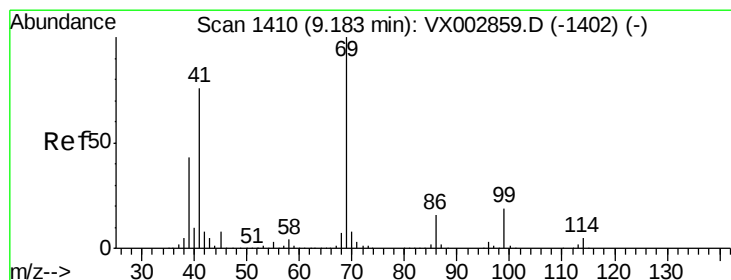
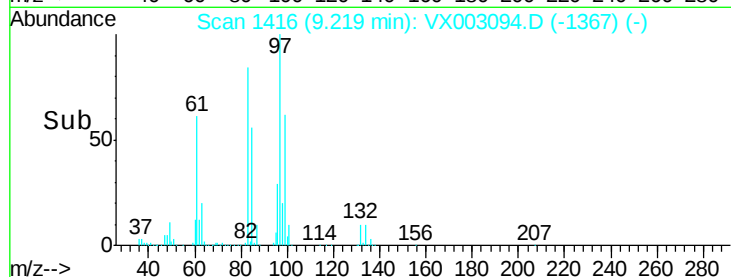
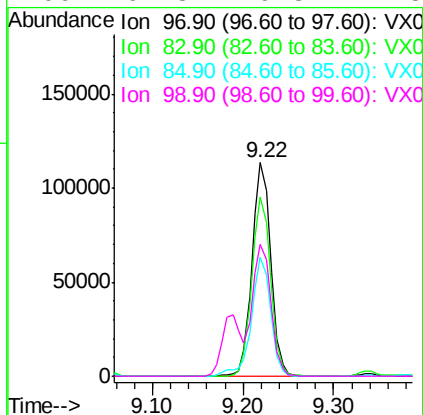
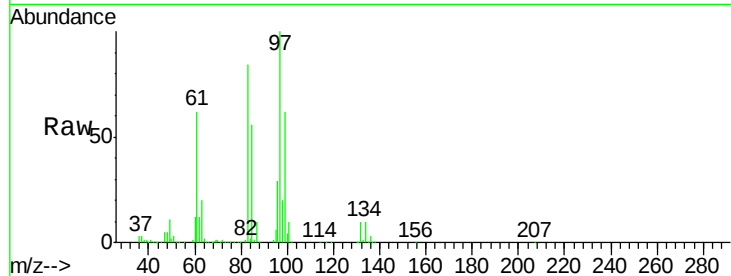
#55
 1,1,2-Trichloroethane
 Concen: 50.86 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	163101
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.2	105.2
85	55.7	44.9	67.3
99	61.8	49.8	74.8

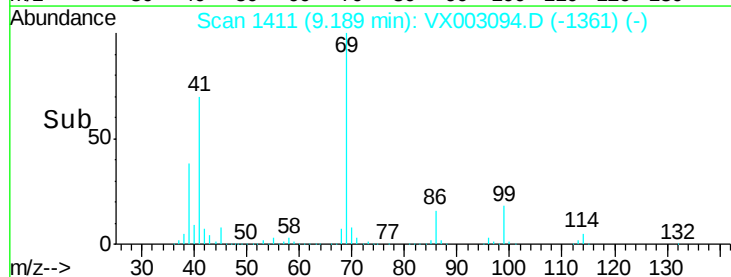
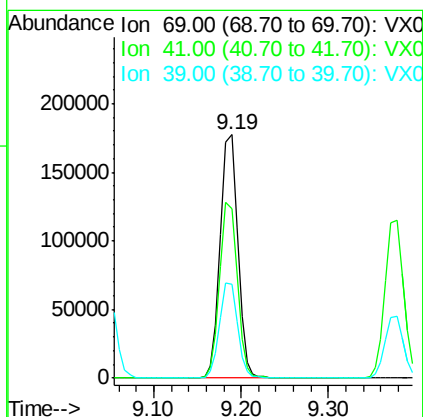
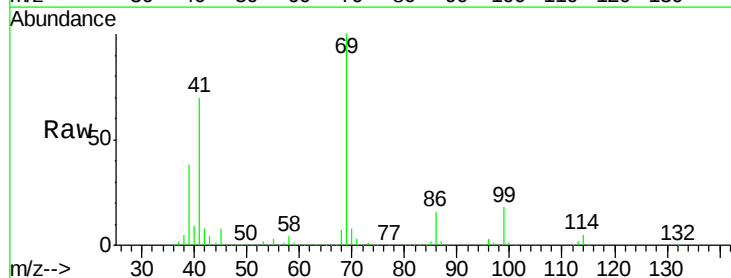
Manual Integrations
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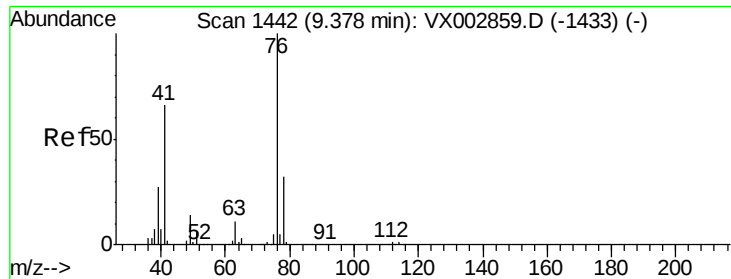
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#56
 Ethyl methacrylate
 Concen: 53.05 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion:	69	Resp:	248625
Ion	Ratio	Lower	Upper
69	100		
41	72.2	60.3	90.5
39	39.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 50.49 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 265955

Ion Ratio Lower Upper

76 100

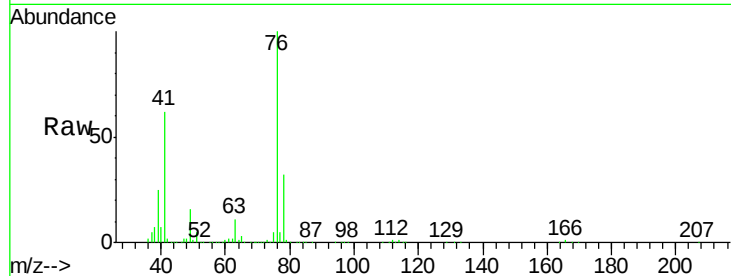
78 32.0 25.8 38.6

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

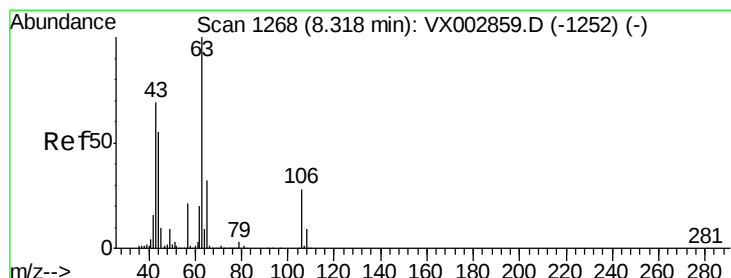
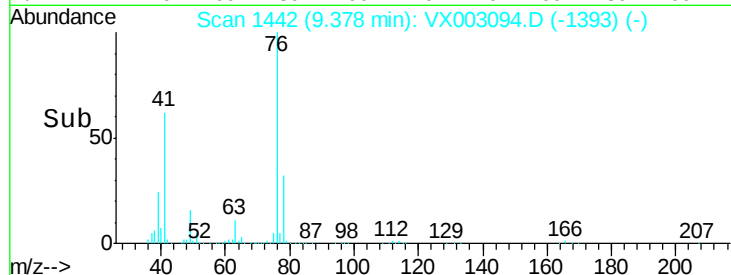
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 256.68 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003094.D

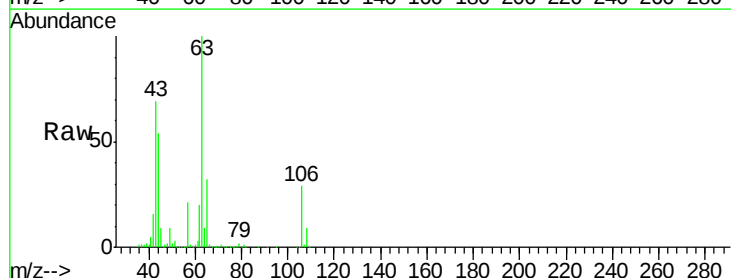
Acq: 30 Jun 2018 22:02

Tgt Ion: 63 Resp: 580397

Ion Ratio Lower Upper

63 100

106 29.0 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

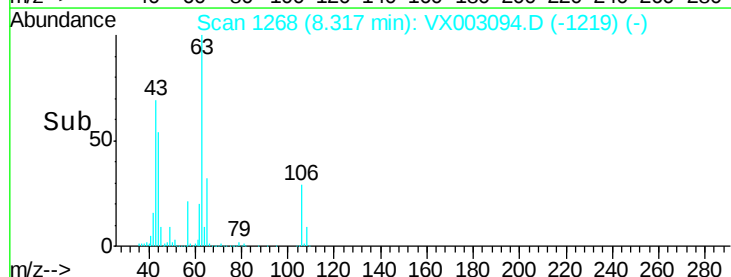
300000

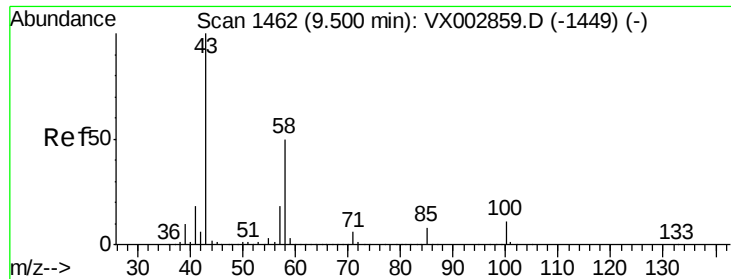
200000

100000

0

Time-->





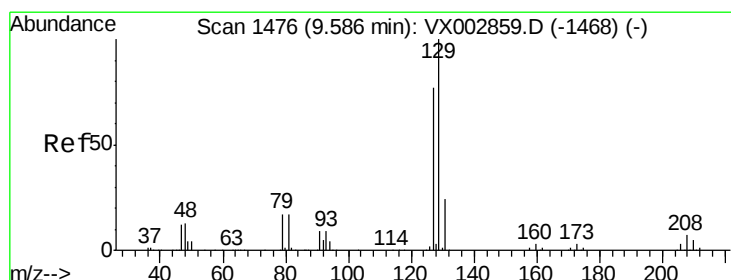
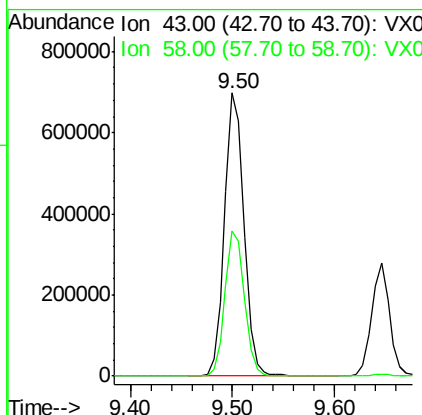
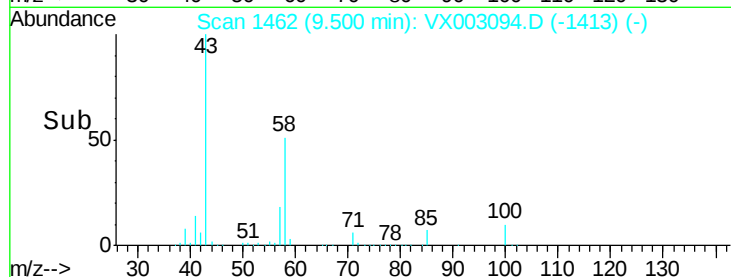
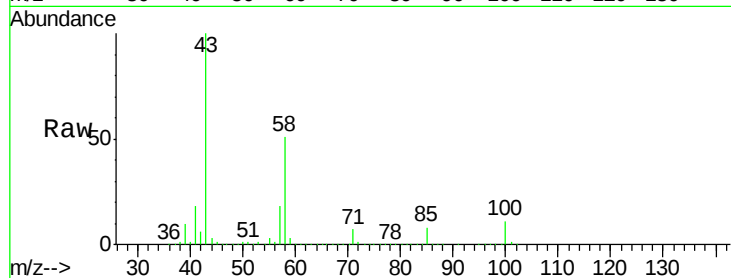
#59
2-Hexanone
Concen: 257.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	24.6	73.6

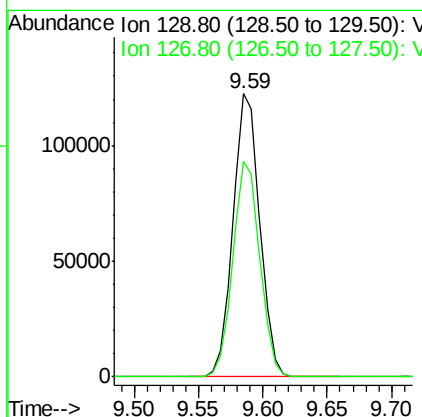
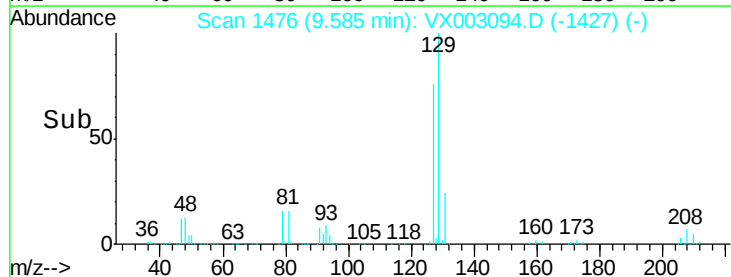
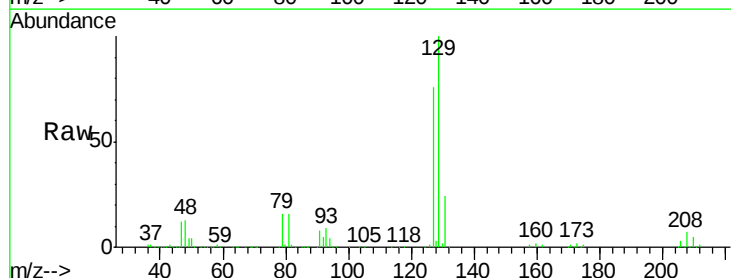
Manual Integrations
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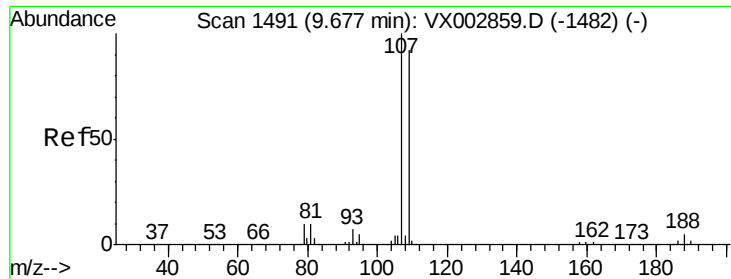
apatel
7/2/2018 4:19:40 PM



#60
Dibromochloromethane
Concen: 52.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3





#61

1,2-Dibromoethane

Concen: 51.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 172520

Ion Ratio Lower Upper

107 100

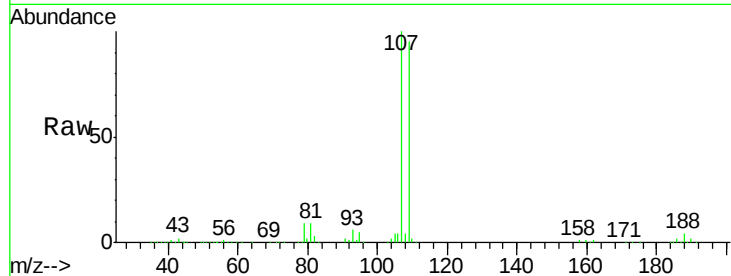
109 94.5 75.3 112.9

Manual Integrations

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apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

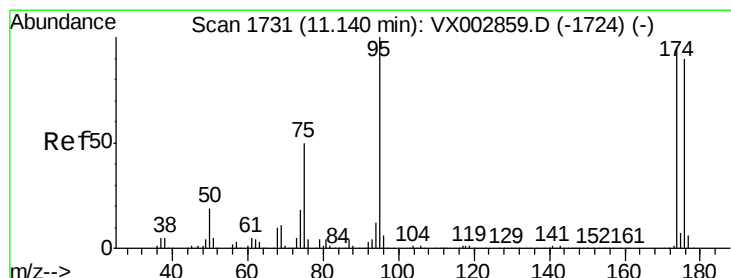
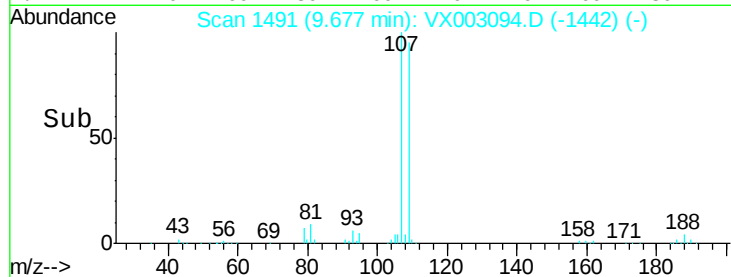
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.34 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

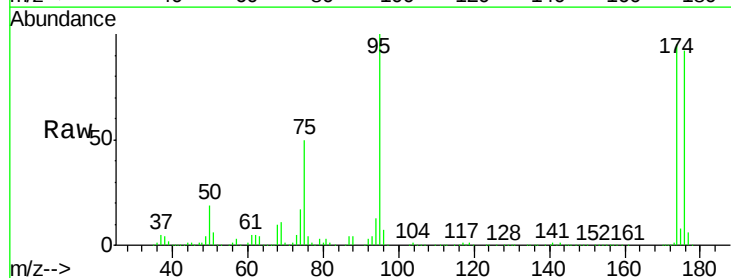
Tgt Ion: 95 Resp: 214635

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

176 94.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

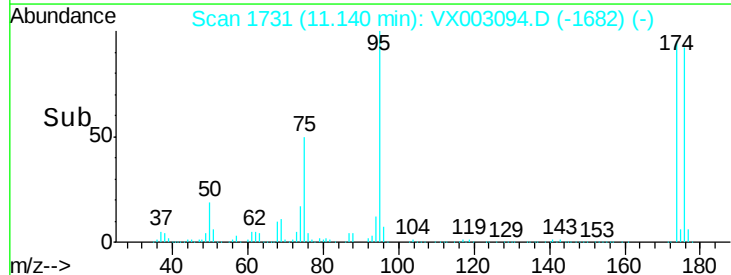
100000

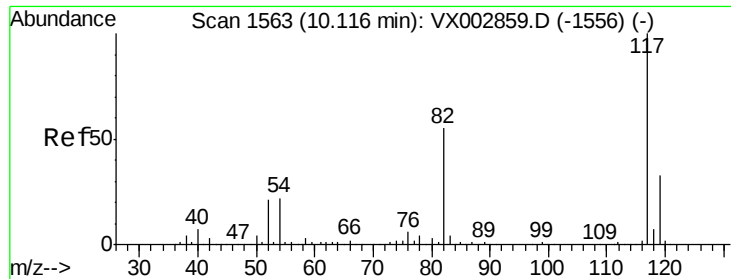
50000

0

Time-->

11.10 11.20





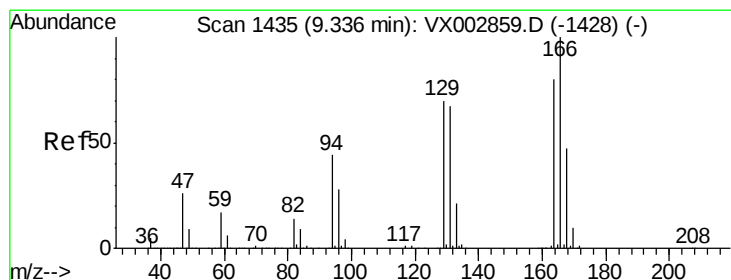
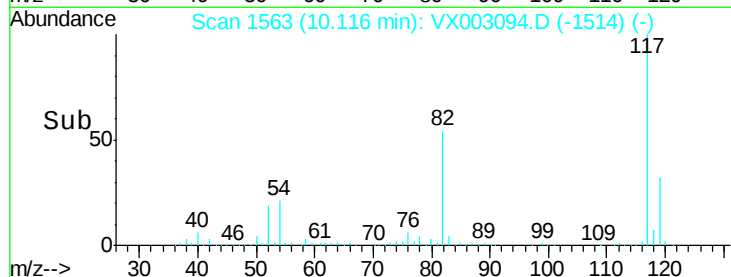
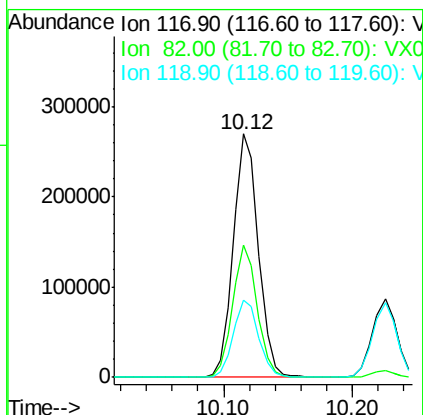
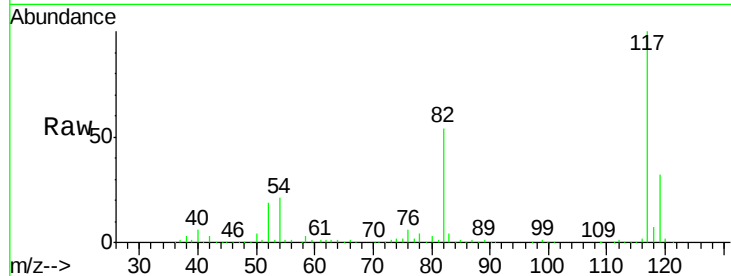
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	31.9	25.8	38.6

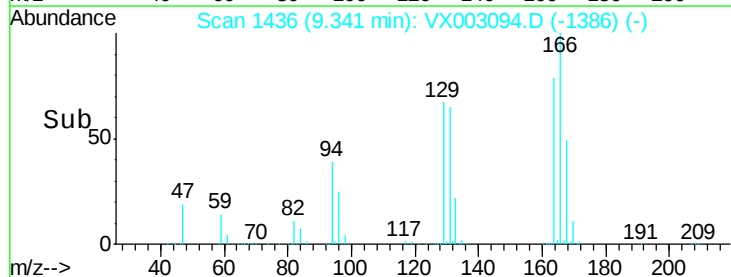
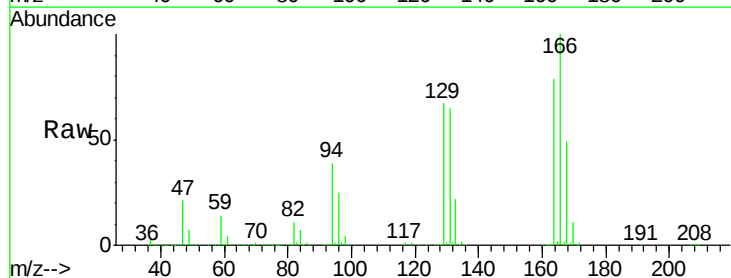
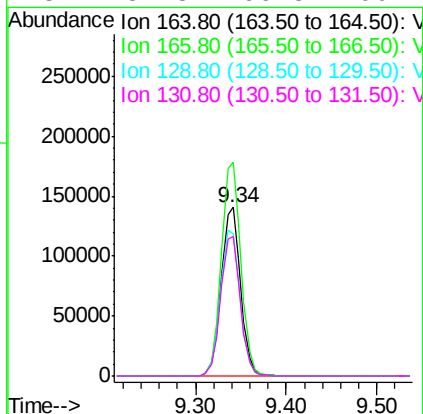
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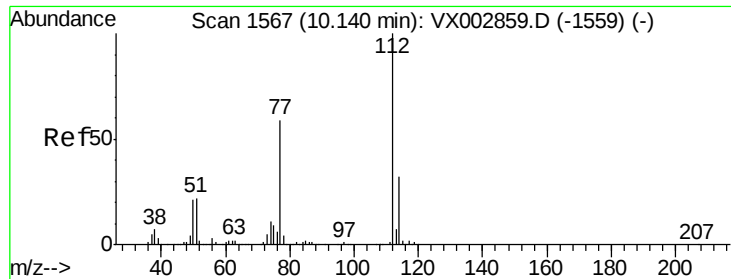
apatel
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#64
Tetrachloroethene
Concen: 51.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.9	154.3
129	84.6	68.6	102.8
131	82.8	66.8	100.2





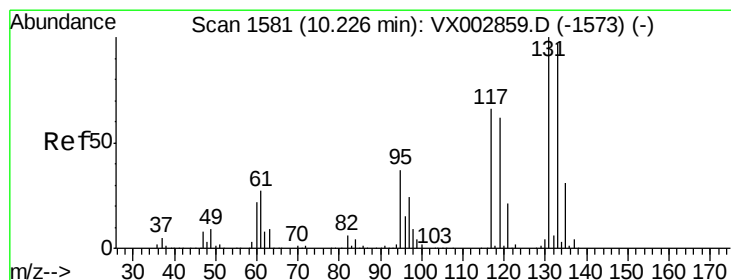
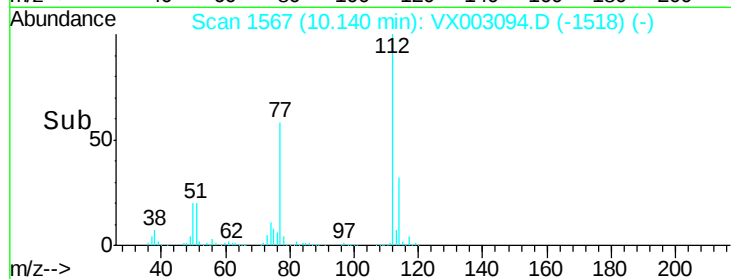
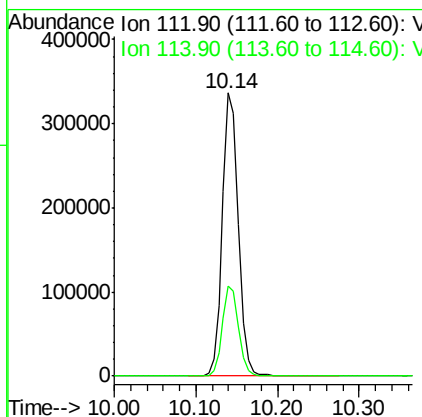
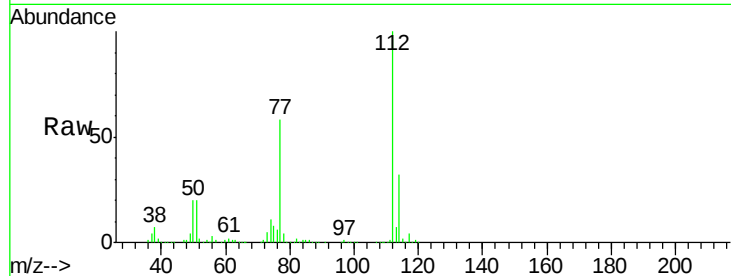
#65
Chlorobenzene
Concen: 49.28 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.3	37.9

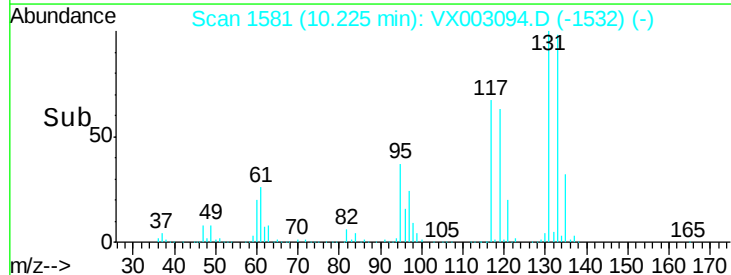
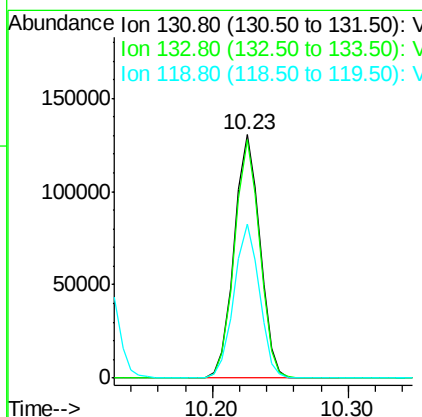
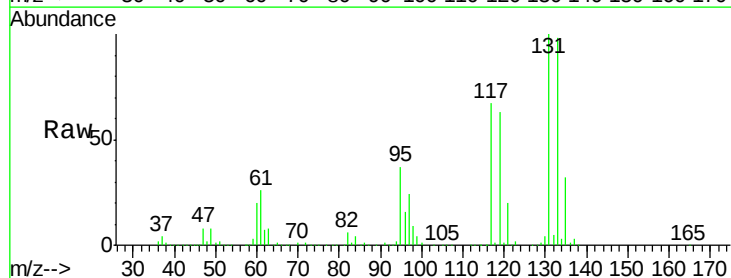
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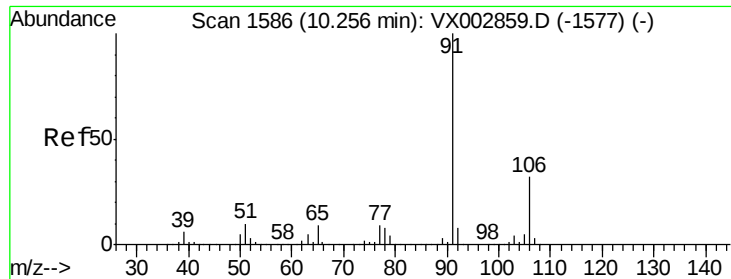
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.82 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.9	143.6
119	62.6	31.8	95.3





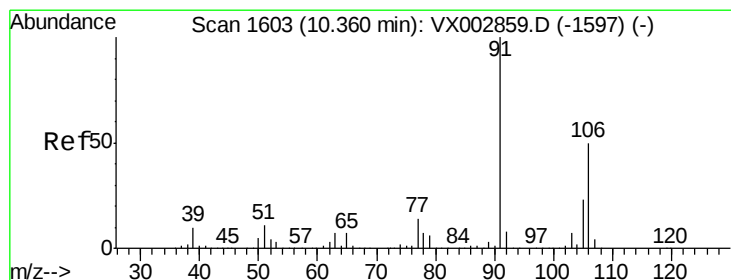
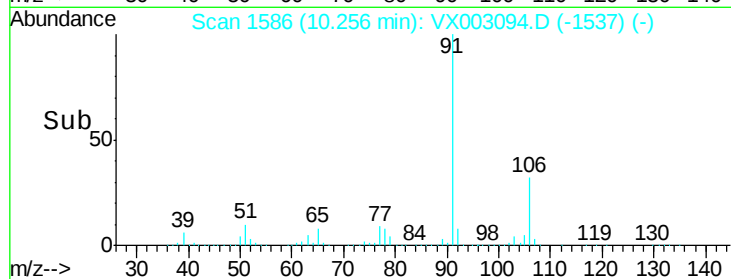
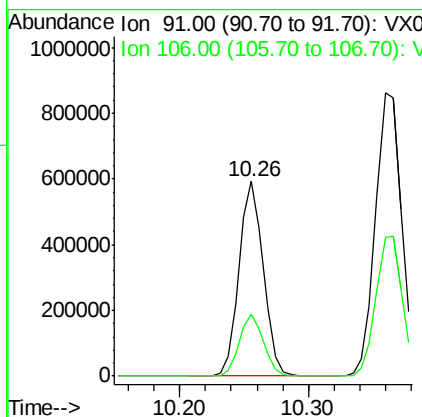
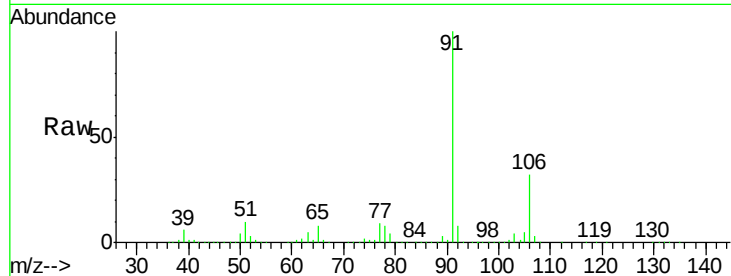
#67
Ethyl Benzene
Concen: 50.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 773429
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

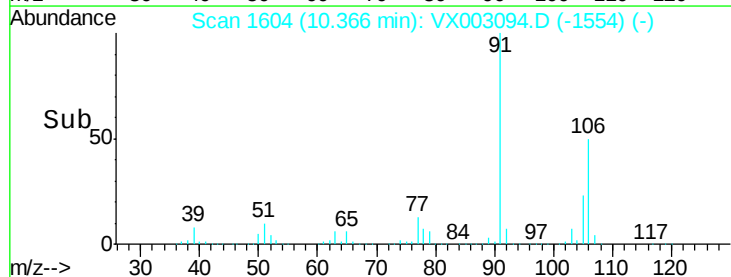
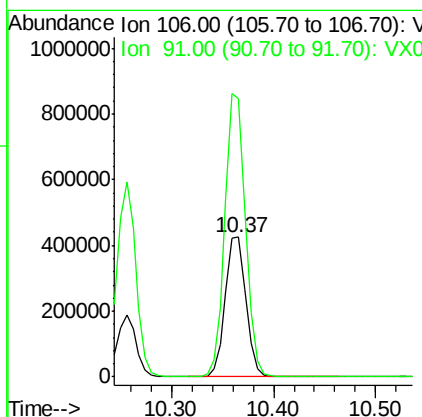
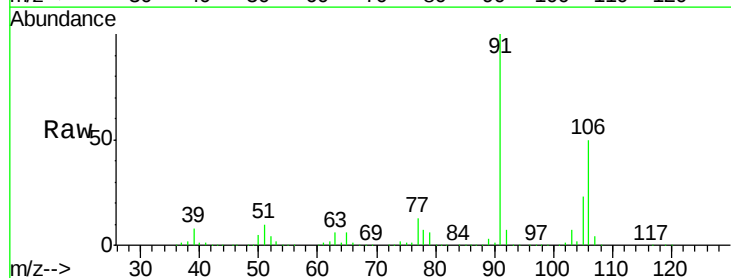
Manual Integrations
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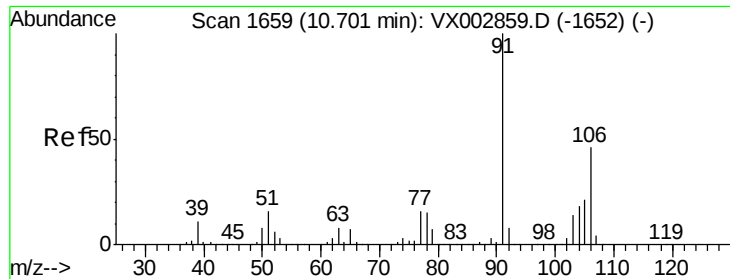
apatel
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#68
m/p-Xylenes
Concen: 101.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion: 106 Resp: 600052
Ion Ratio Lower Upper
106 100
91 201.6 163.4 245.2





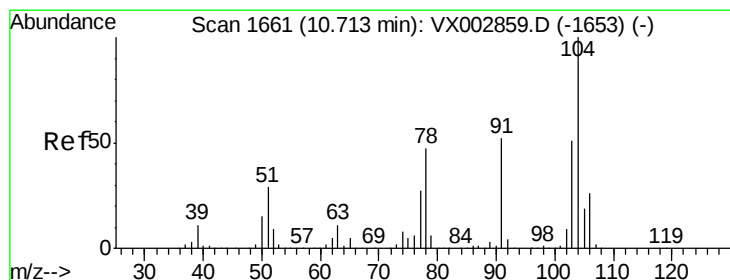
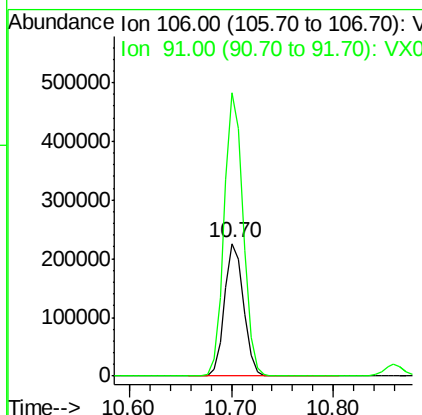
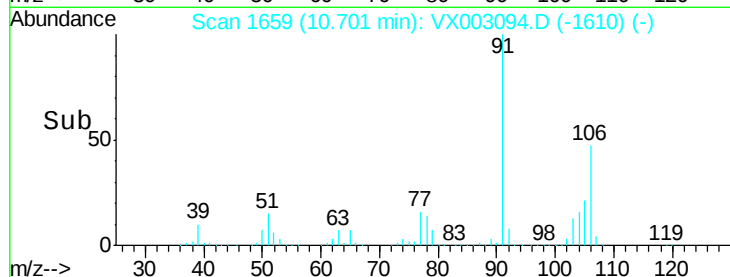
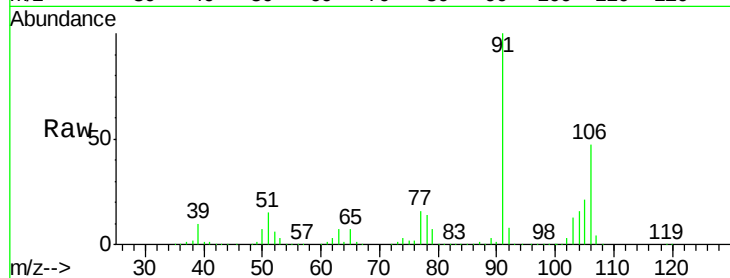
#69
o-Xylene
Concen: 50.87 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 293776
Ion Ratio Lower Upper
106 100
91 212.8 108.2 324.6

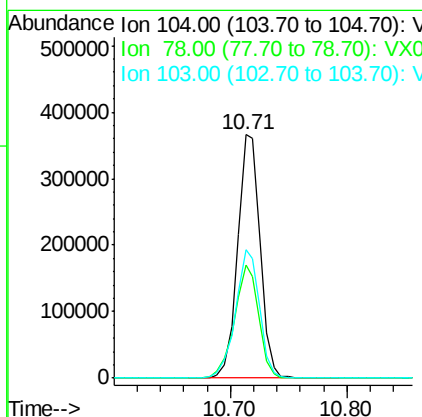
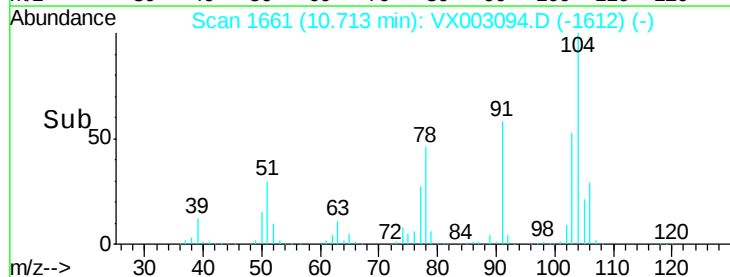
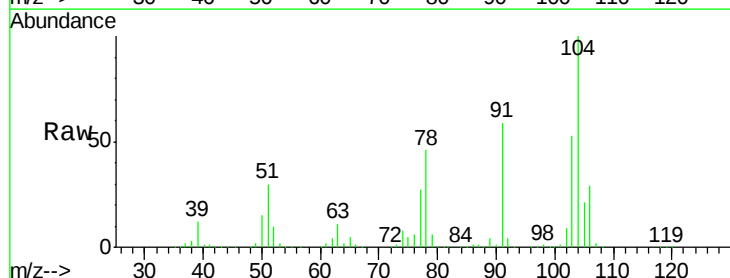
Manual Integrations
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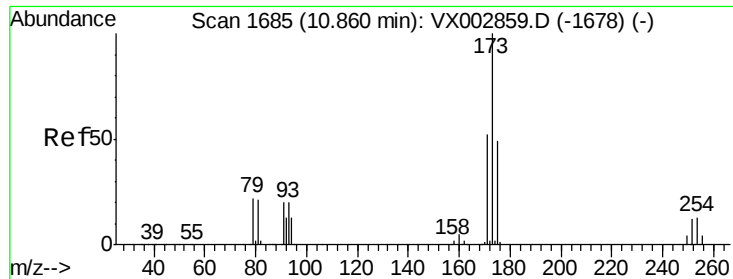
apatel
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#70
Styrene
Concen: 52.50 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion:104 Resp: 492651
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.6
103 56.2 44.2 66.4





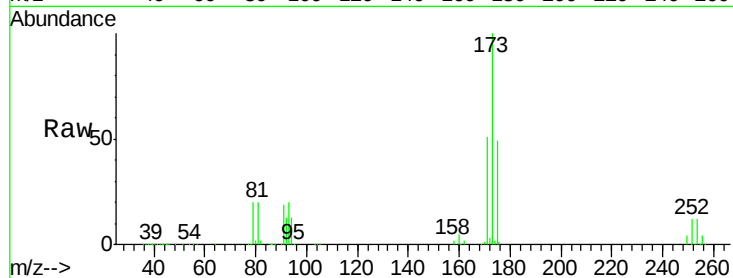
#71
Bromoform
Concen: 45.72 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

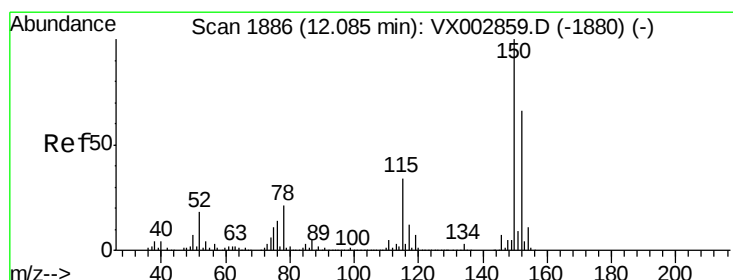
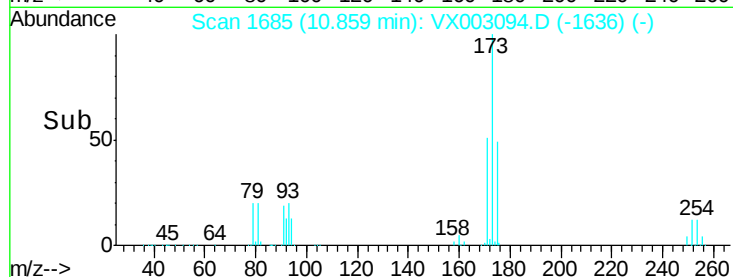
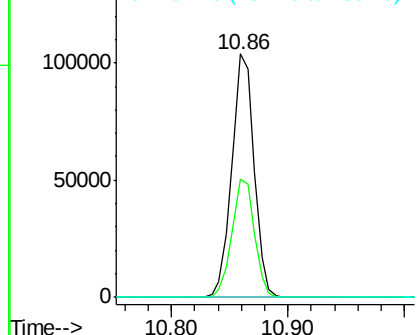
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

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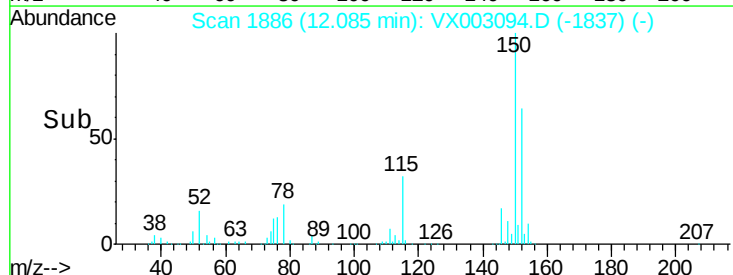
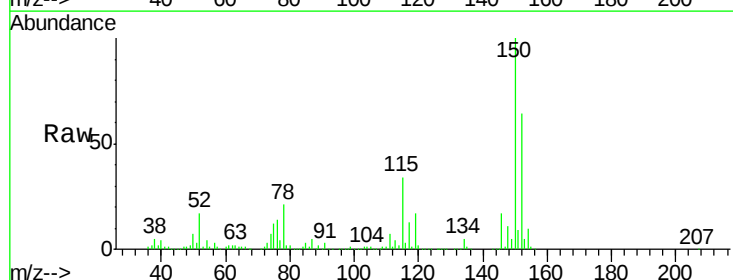
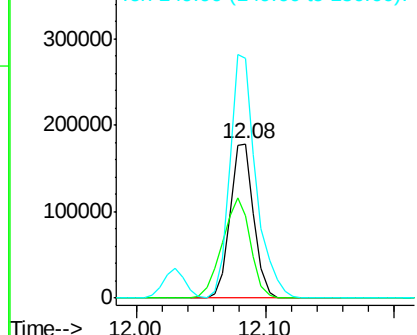
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

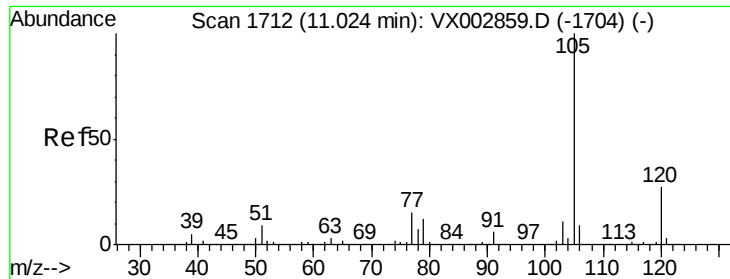


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.3	40.1	120.2
150	174.2	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: 51.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 105 Resp: 795486

Ion Ratio Lower Upper

105 100

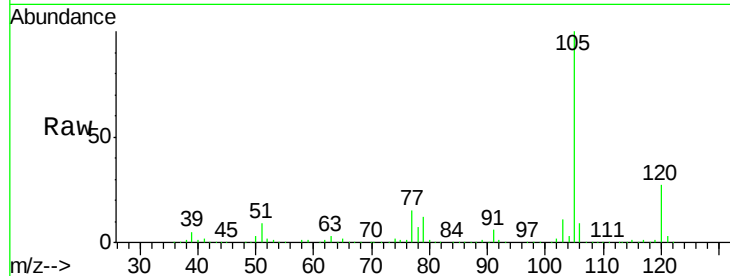
120 27.0 13.5 40.4

Manual Integrations

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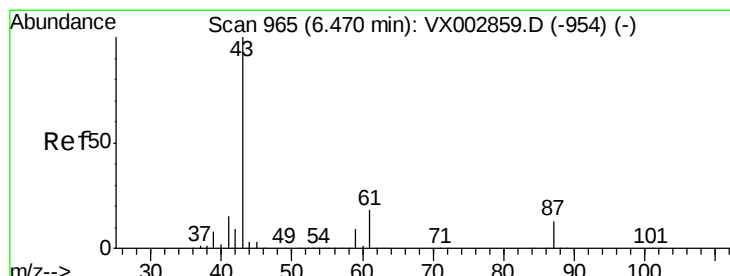
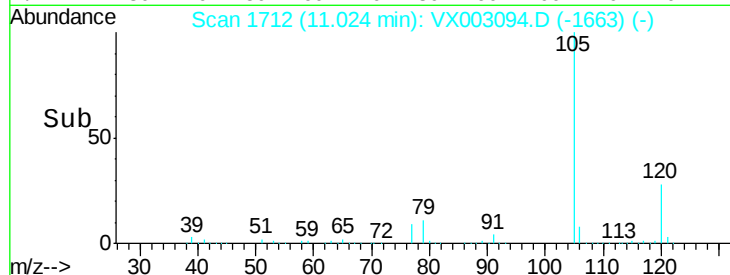
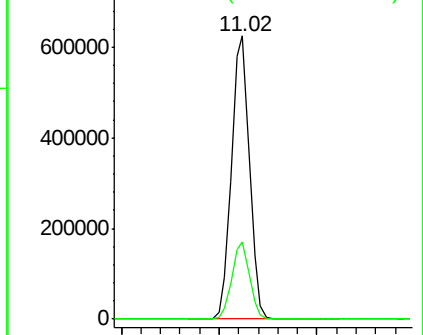
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.67 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion: 43 Resp: 376246

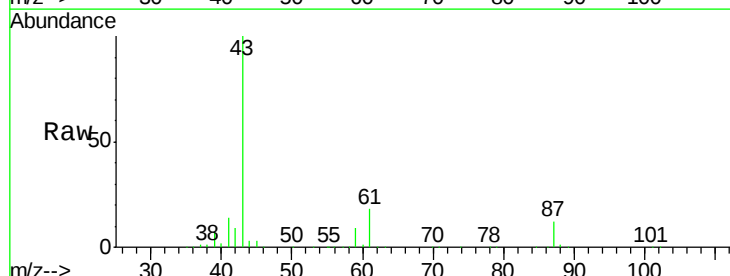
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.0 14.4 21.6

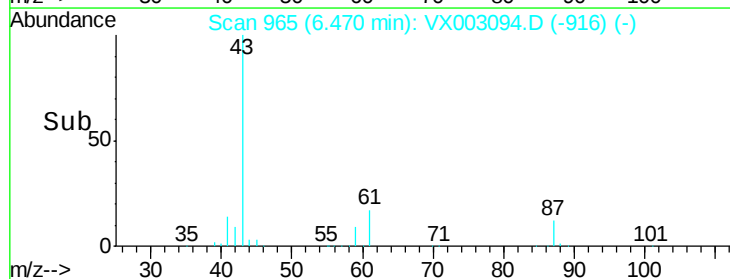
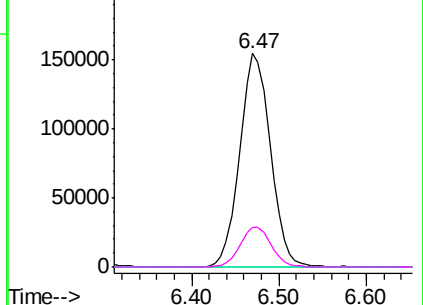


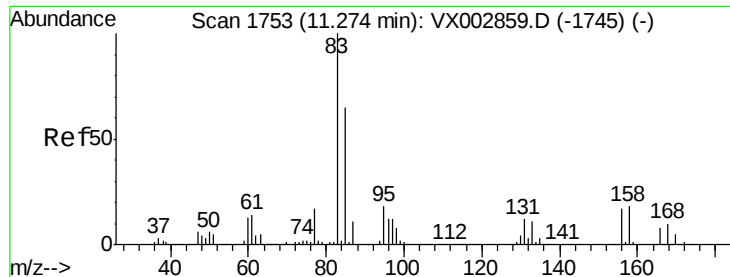
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.27 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

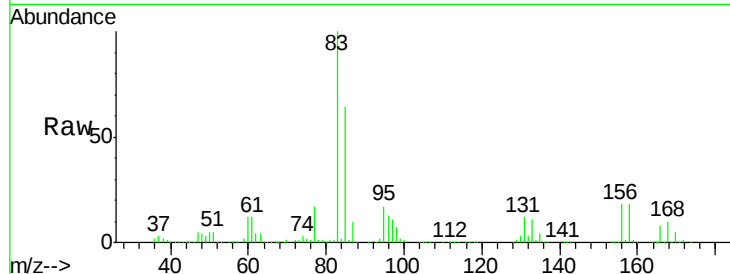
ClientSampleId :

VSTDCCC050EC

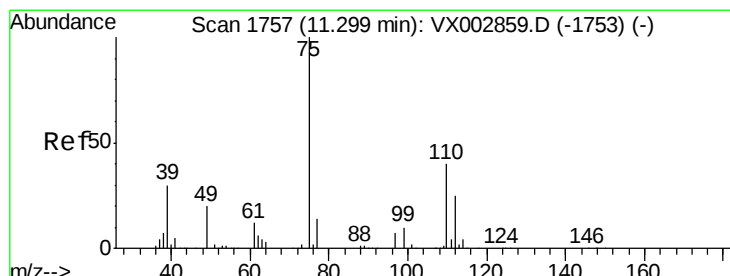
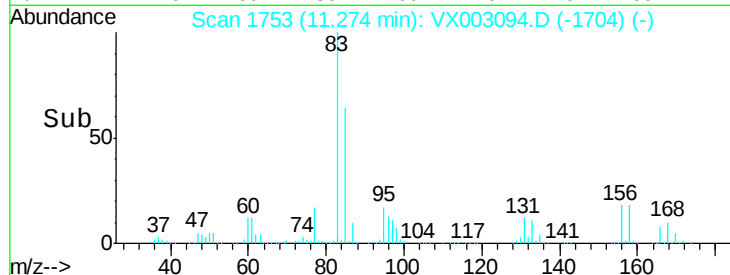
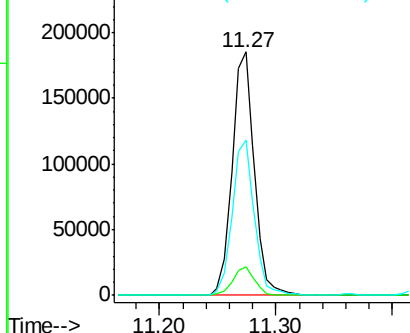
Tot Ion:	83	Resp:	244513
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	63.8	32.4	97.2

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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: 57.10 ug/l m

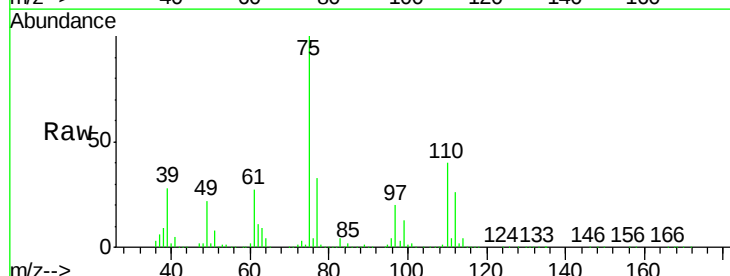
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

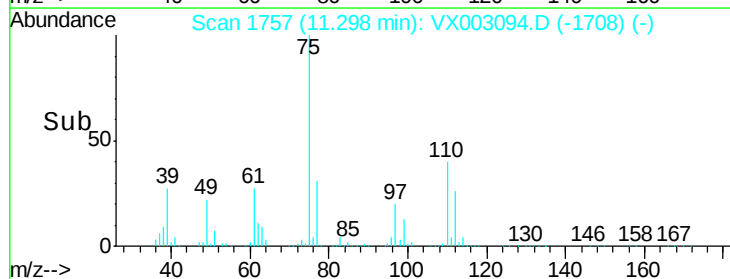
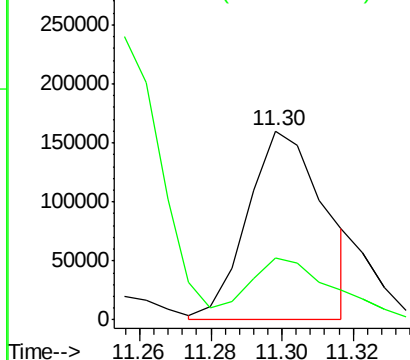
Lab File: VX003094.D

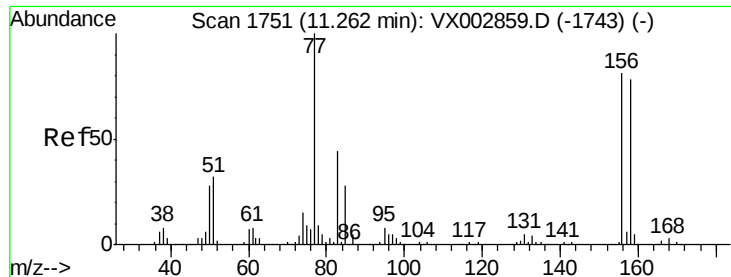
Acq: 30 Jun 2018 22:02

Tgt Ion:	75	Resp:	238023
Ion Ratio	Lower	Upper	
75	100		
77	36.6	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: 50.28 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 221679

Ion Ratio Lower Upper

156 100

77 136.6 71.4 214.2

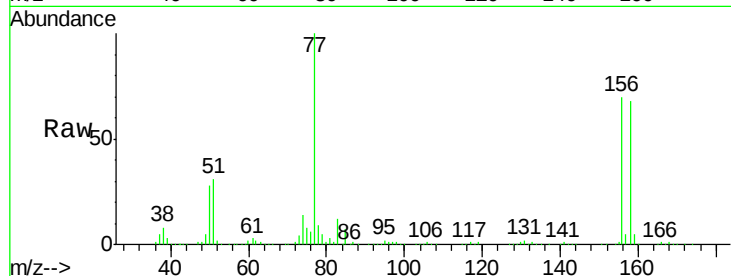
158 98.2 48.9 146.6

Manual Integrations

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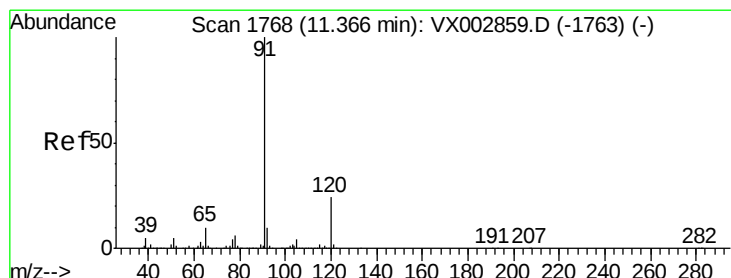
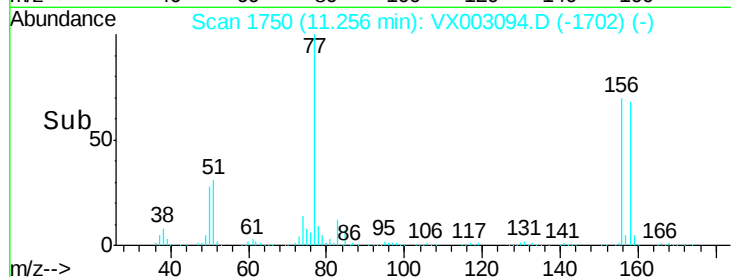
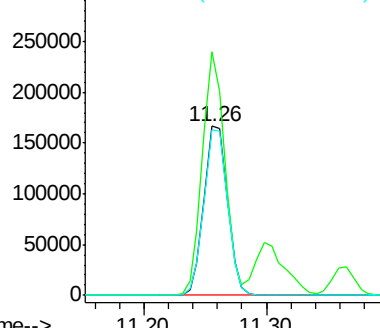
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003094.D

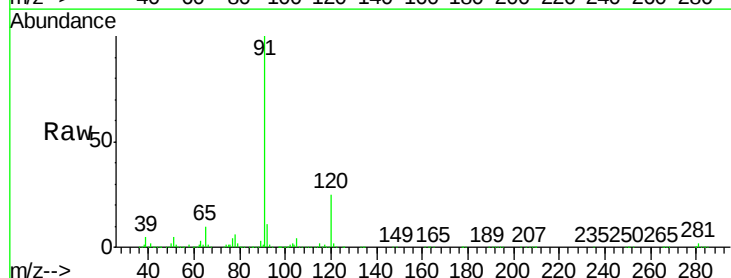
Acq: 30 Jun 2018 22:02

Tgt Ion: 91 Resp: 885615

Ion Ratio Lower Upper

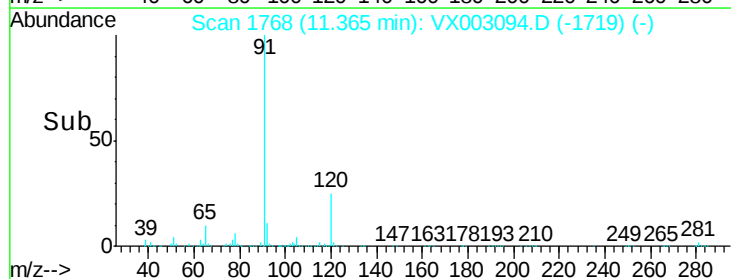
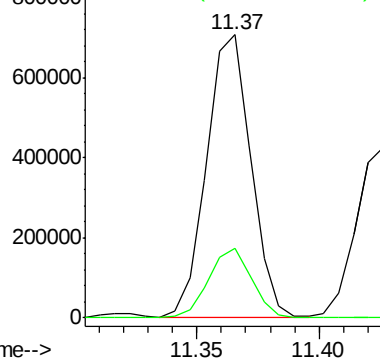
91 100

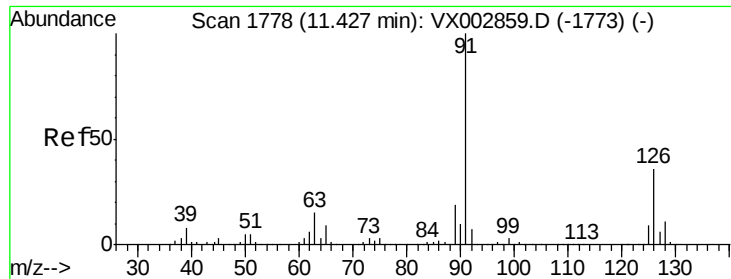
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 533475

Ion Ratio Lower Upper

91 100

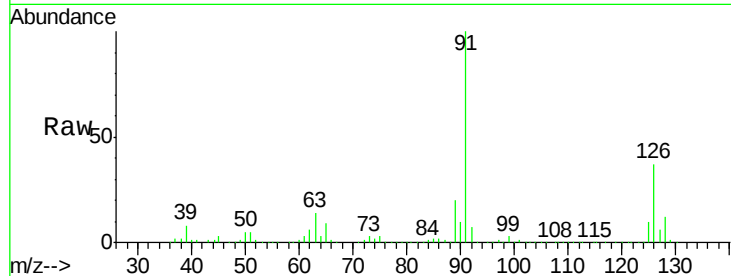
126 36.0 17.7 53.1

Manual Integrations

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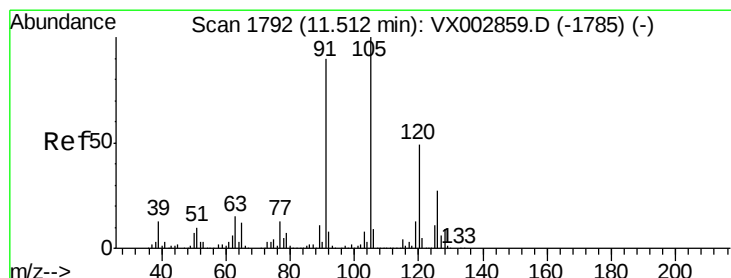
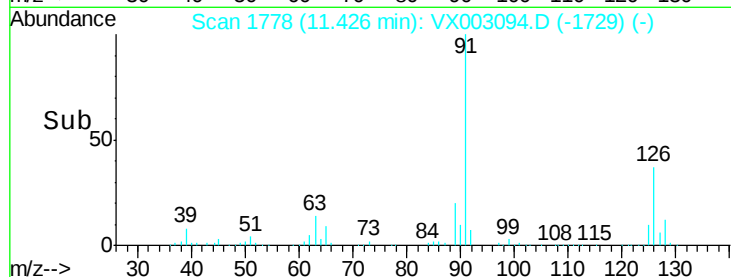
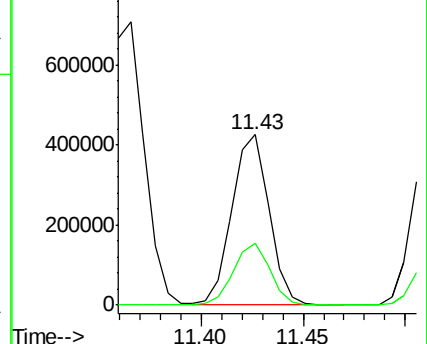
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003094.D

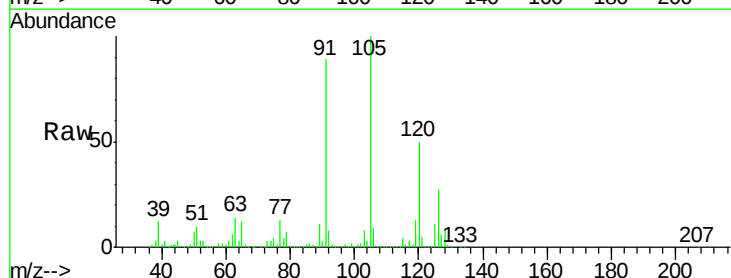
Acq: 30 Jun 2018 22:02

Tgt Ion: 105 Resp: 664354

Ion Ratio Lower Upper

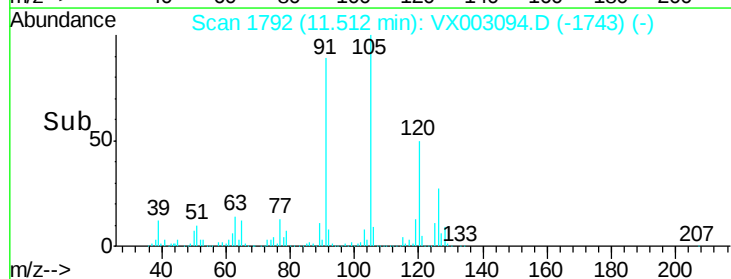
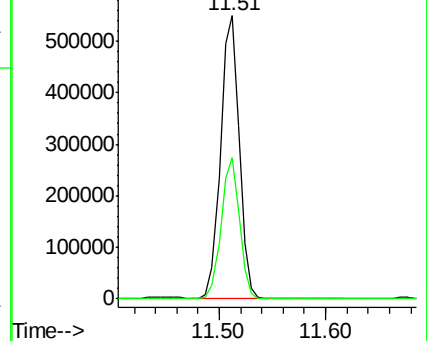
105 100

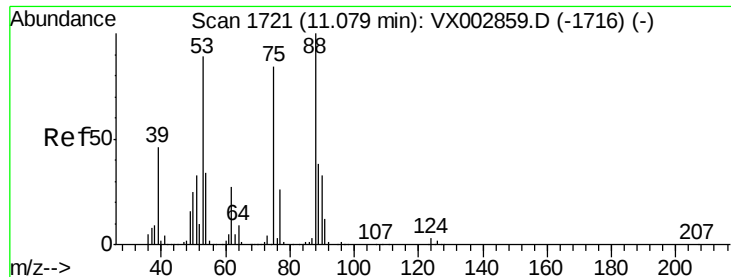
120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.25 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 59903

Ion Ratio Lower Upper

75 100

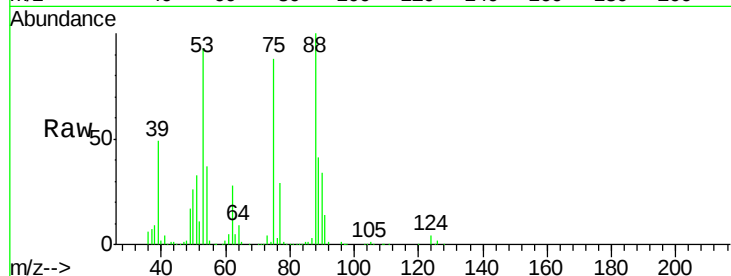
53 108.3 86.8 130.2

89 47.4 38.2 57.2

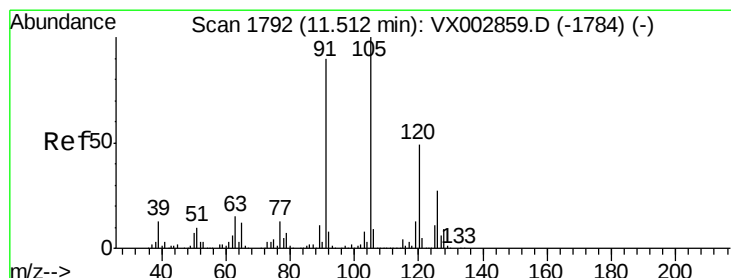
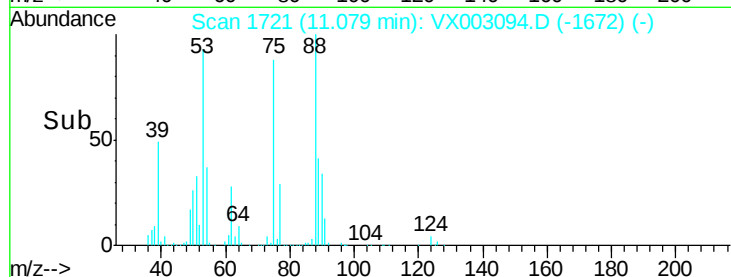
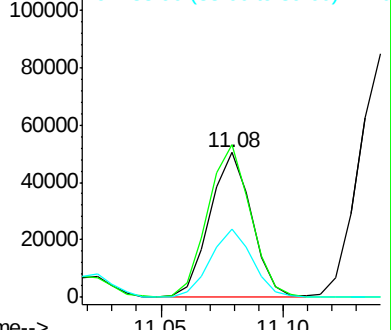
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003094.D

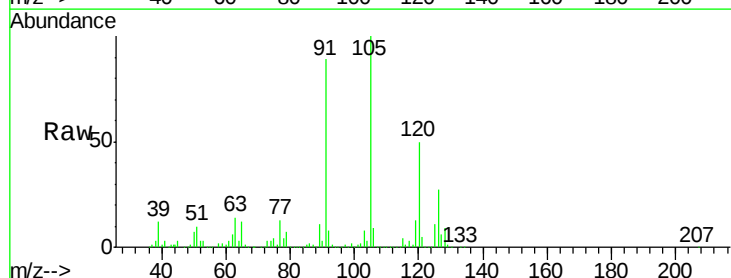
Acq: 30 Jun 2018 22:02

Tgt Ion: 91 Resp: 627007

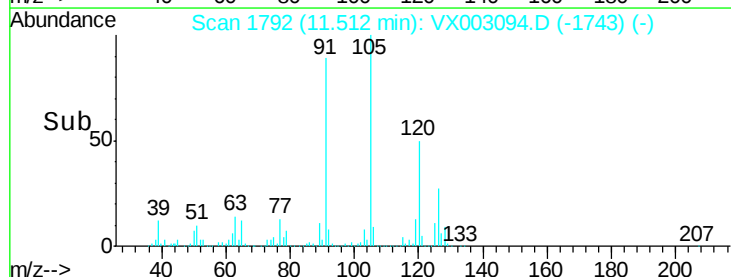
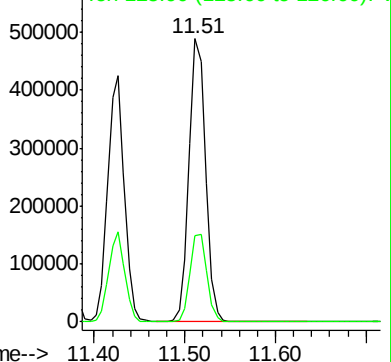
Ion Ratio Lower Upper

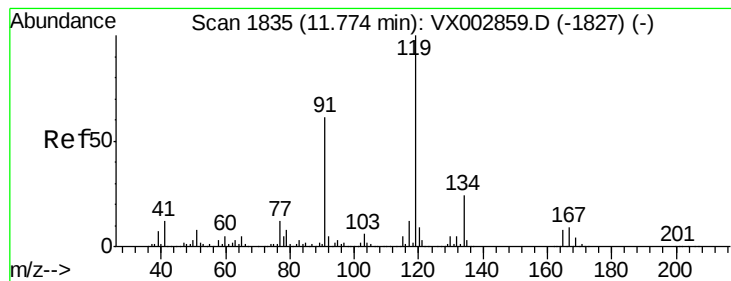
91 100

126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.67 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

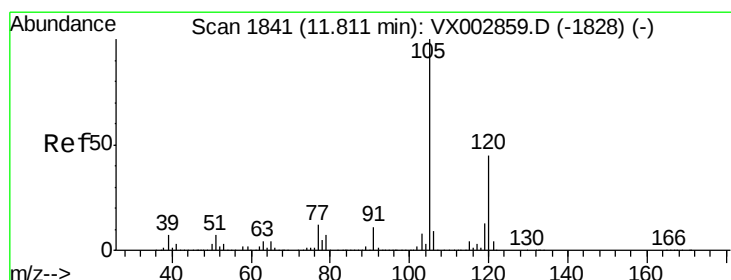
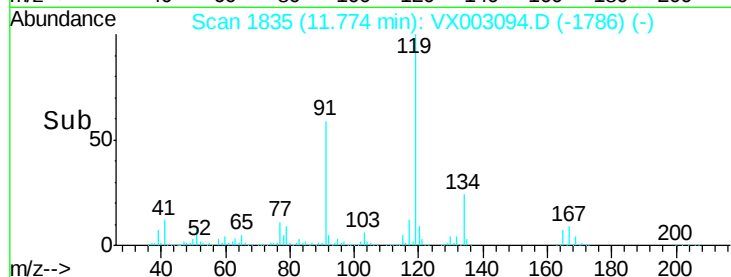
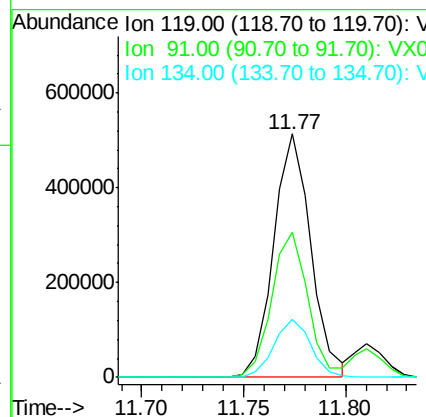
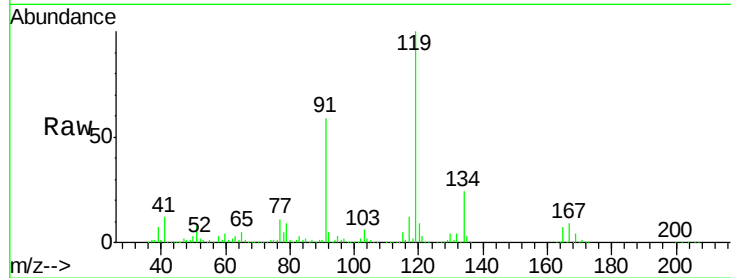
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	651215
Ion Ratio	Lower	Upper	
119	100		
91	58.5	30.3	90.9
134	23.7	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.71 ug/l

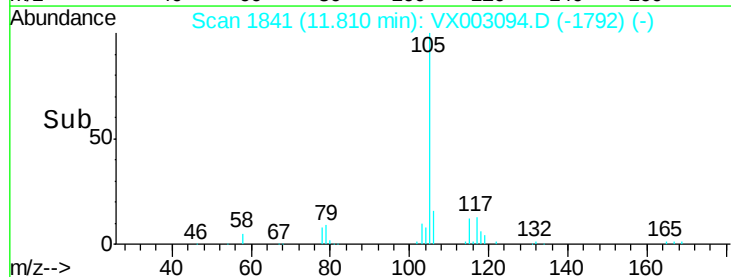
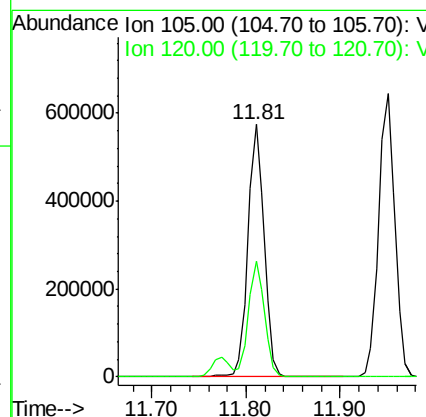
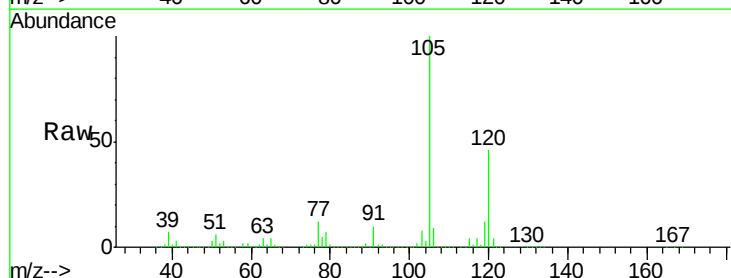
RT: 11.81 min Scan# 1841

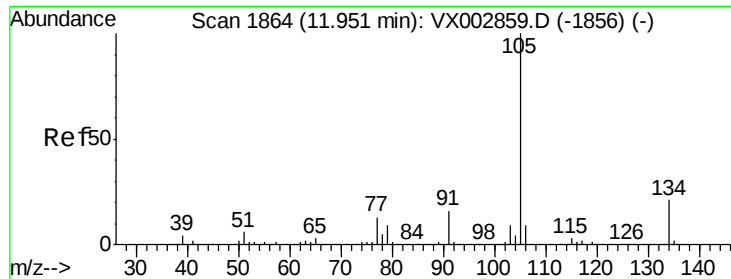
Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion:	105	Resp:	685170
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.3	66.8





#85

sec-Butylbenzene

Concen: 49.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 776091

Ion Ratio Lower Upper

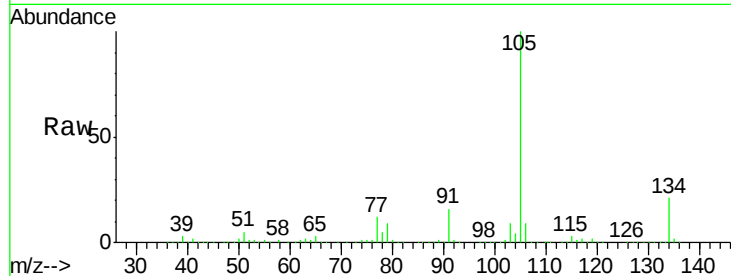
105 100

134 20.9 10.4 31.1

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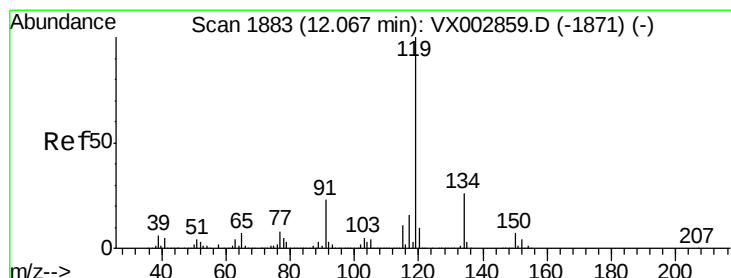
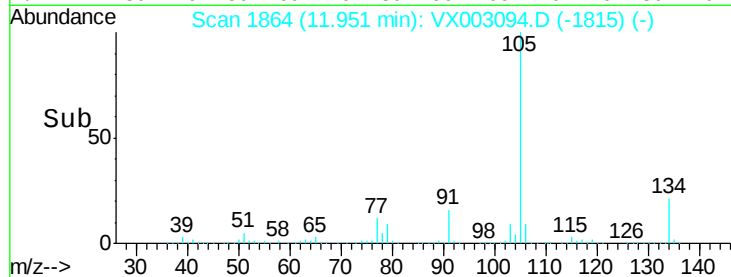
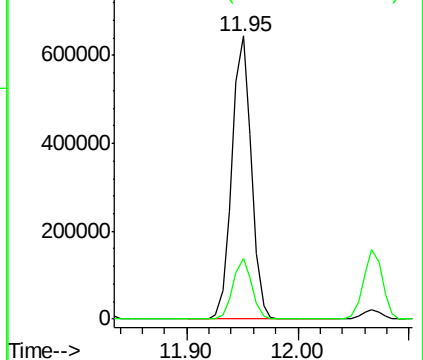
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

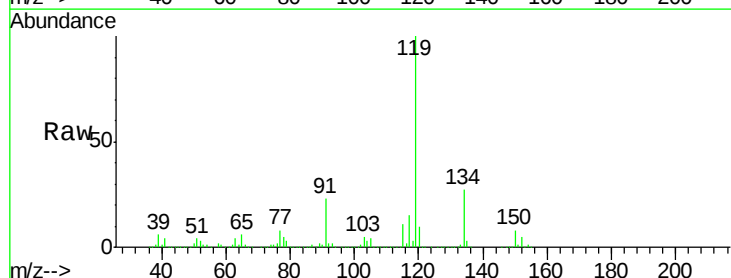
Tgt Ion:119 Resp: 698290

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

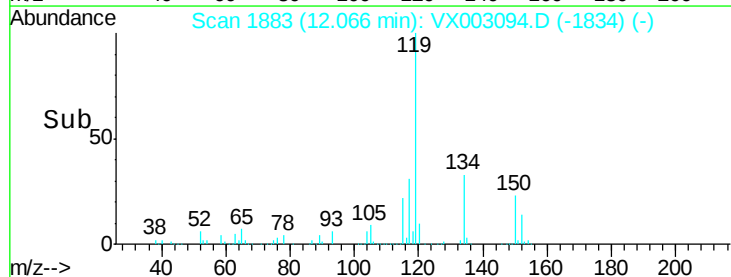
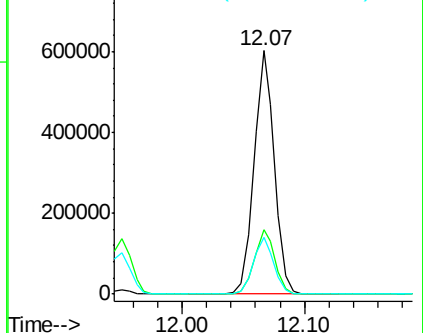
91 23.2 11.9 35.7

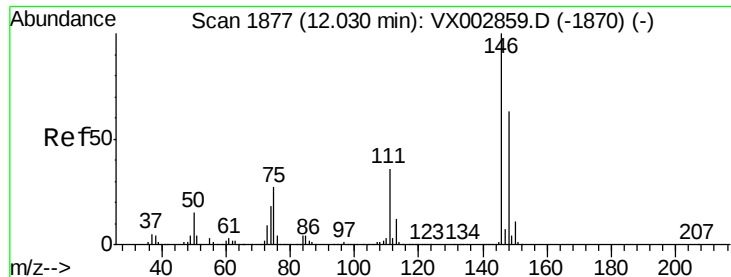


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





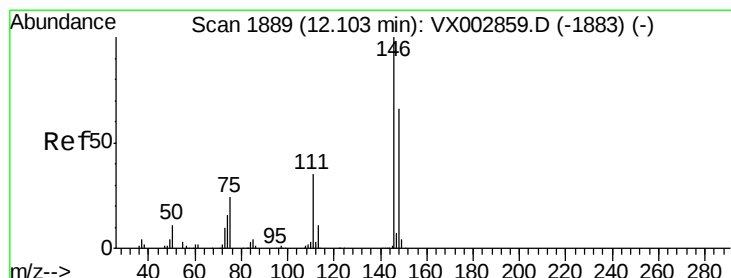
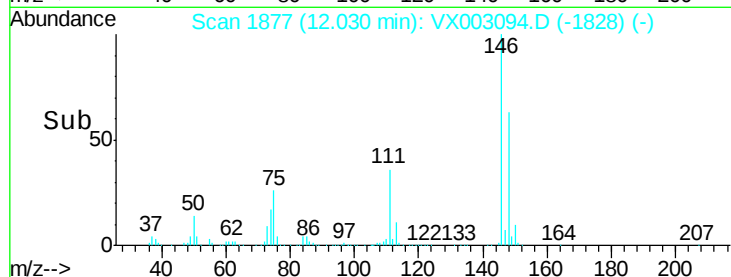
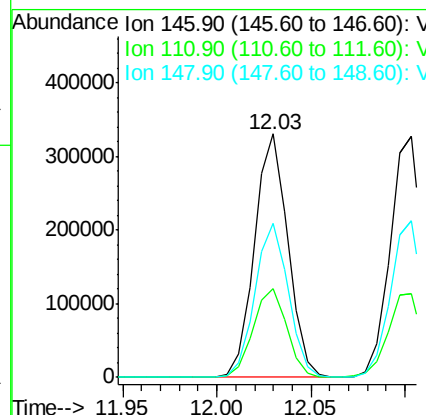
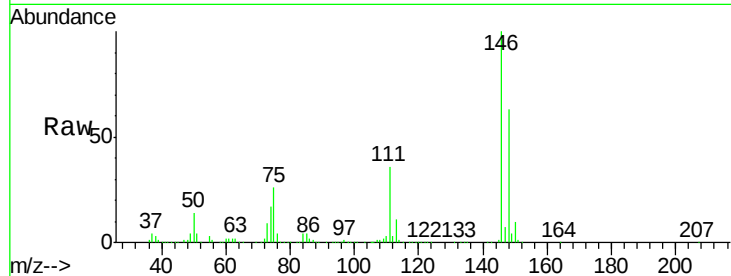
#87
 1,3-Dichlorobenzene
 Concen: 50.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	63.6	32.1	96.3

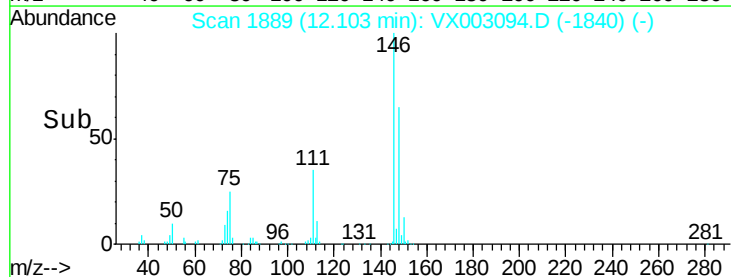
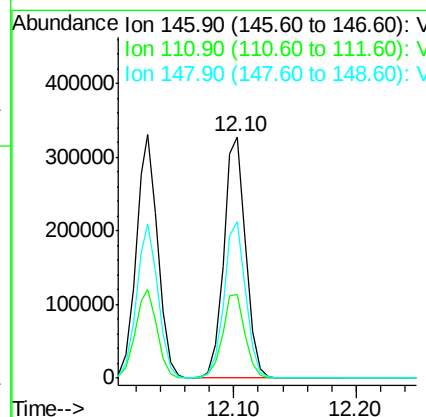
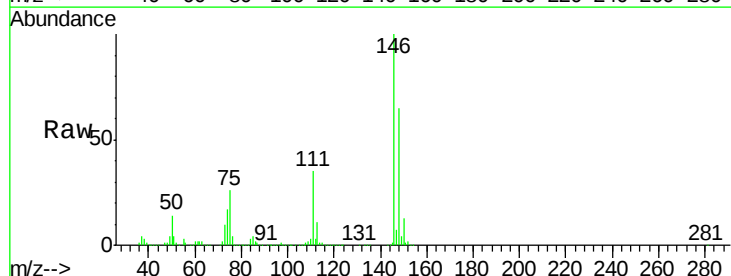
Manual Integrations
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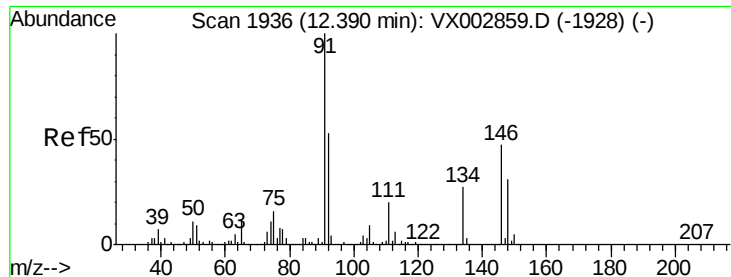
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#88
 1,4-Dichlorobenzene
 Concen: 48.94 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	64.5	32.4	97.0





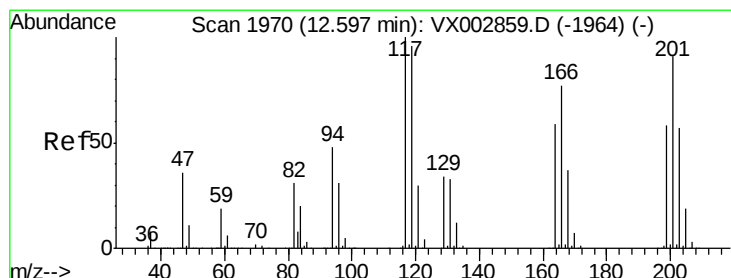
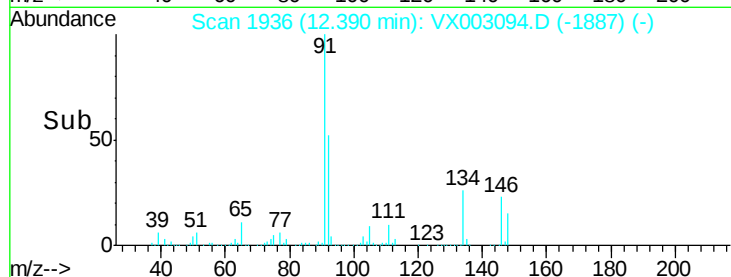
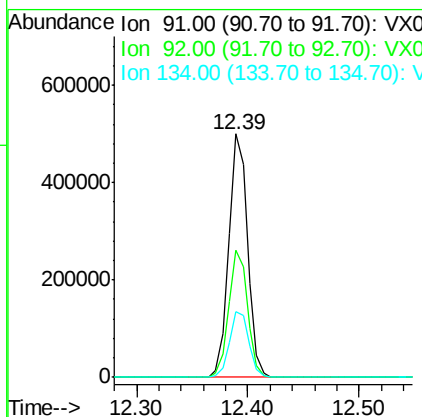
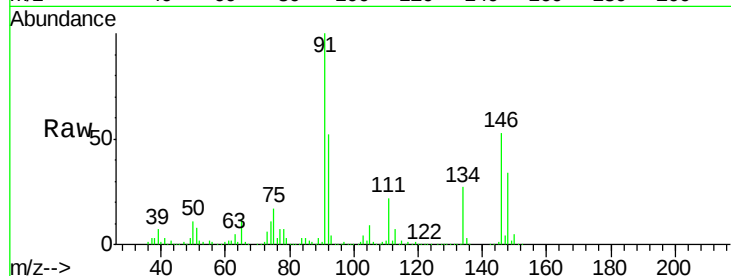
#89
n-Butylbenzene
Concen: 47.57 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.7	13.5	40.5

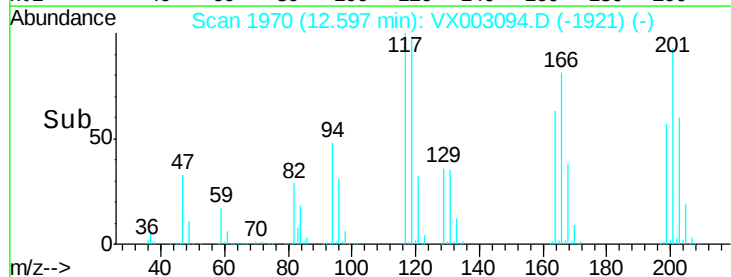
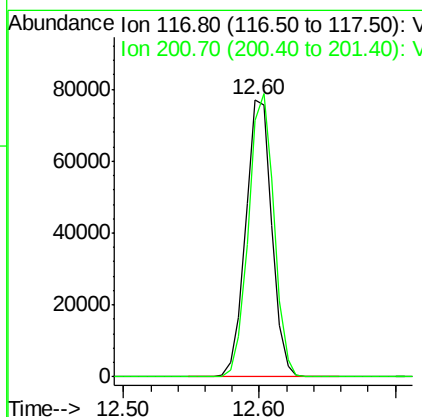
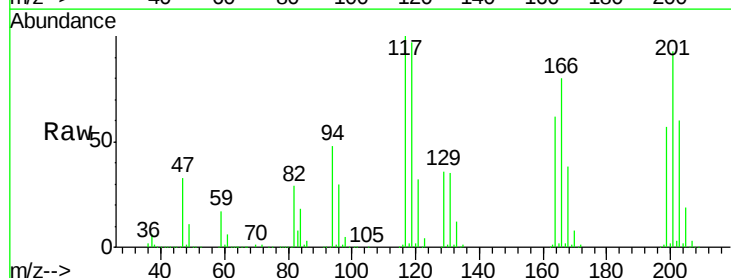
Manual Integrations
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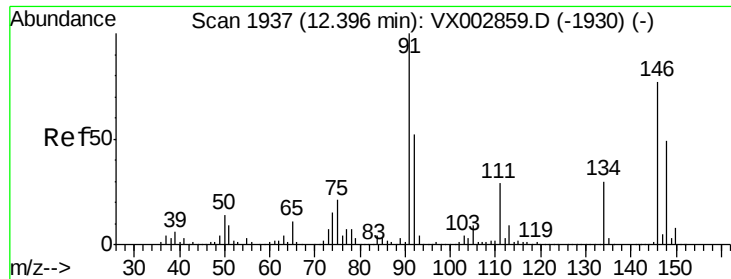
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7/2/2018 4:19:40 PM



#90
Hexachloroethane
Concen: 49.53 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003094.D
Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.9	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 49.82 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

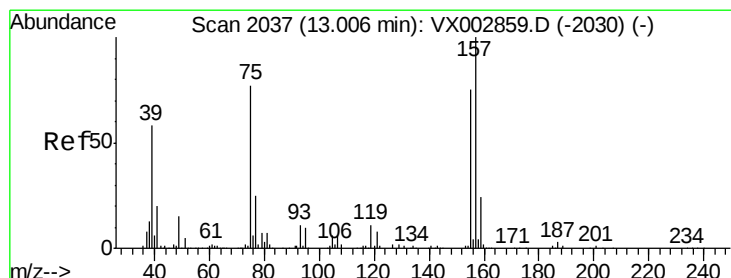
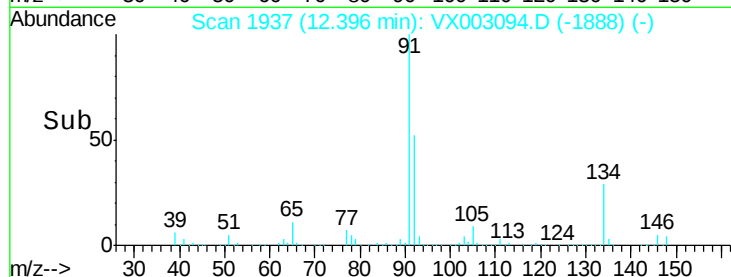
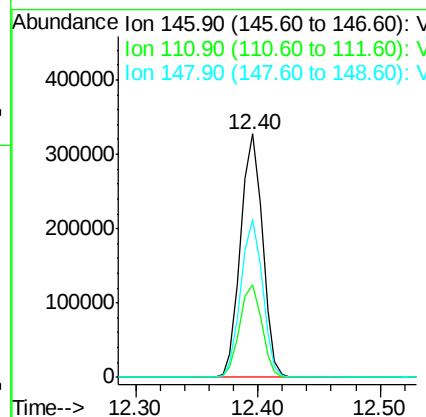
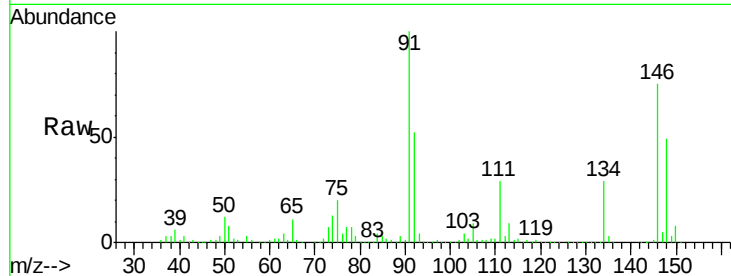
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	404897
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.4	58.1
148	64.5	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.86 ug/l

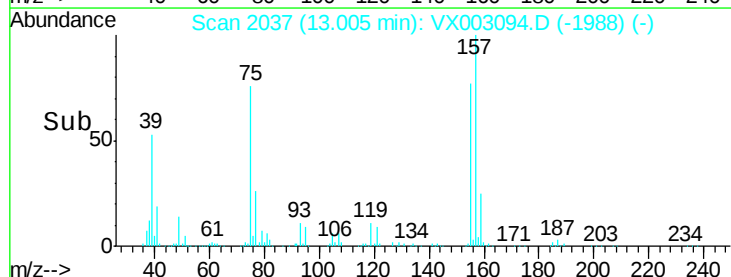
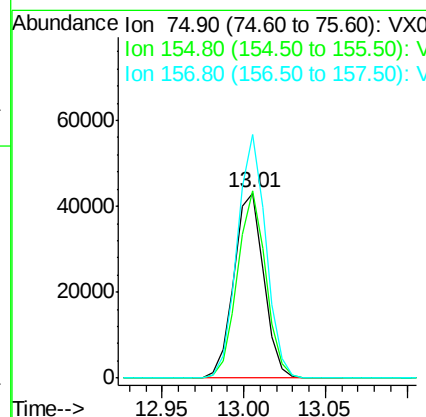
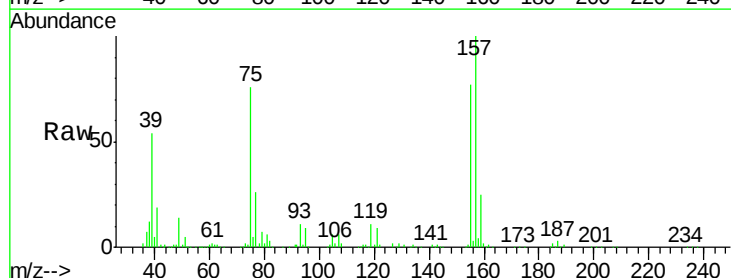
RT: 13.01 min Scan# 2037

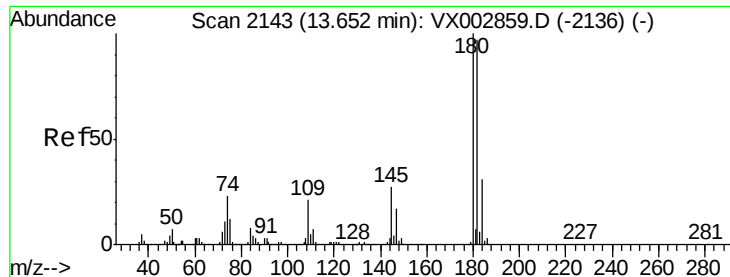
Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion:	75	Resp:	54532
Ion Ratio	Lower	Upper	
75	100		
155	96.3	45.8	137.4
157	126.8	60.1	180.3





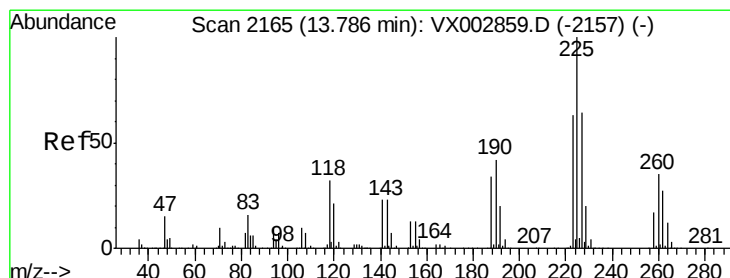
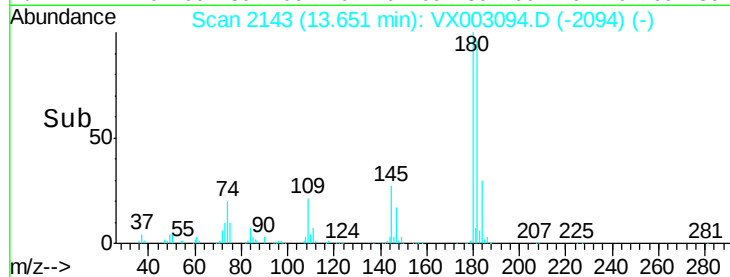
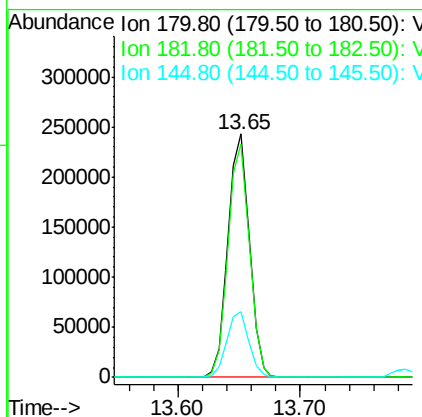
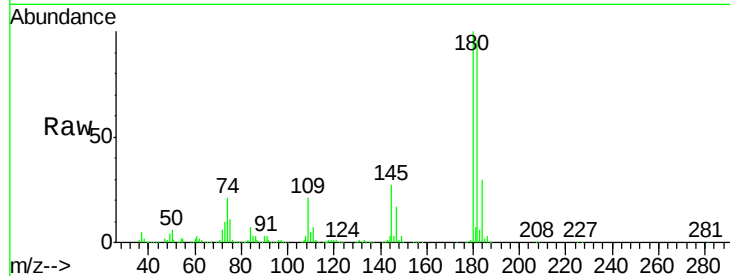
#93
 1,2,4-Trichlorobenzene
 Concen: 49.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	293704		
182	95.6	47.7	143.1	
145	27.8	14.1	42.4	

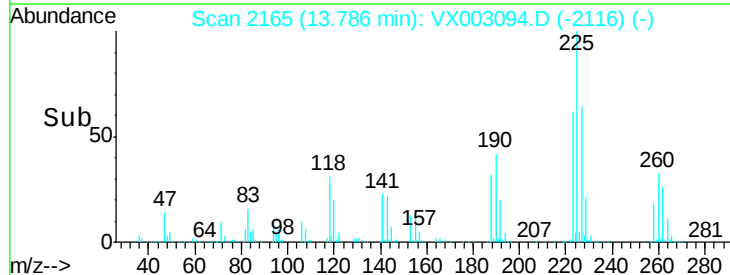
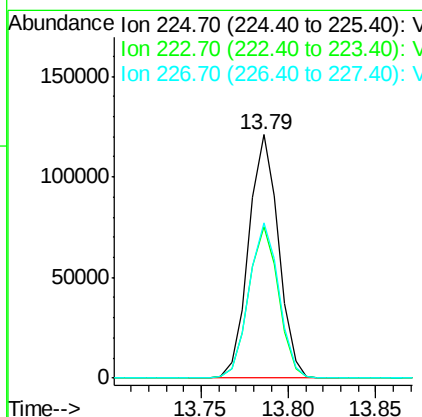
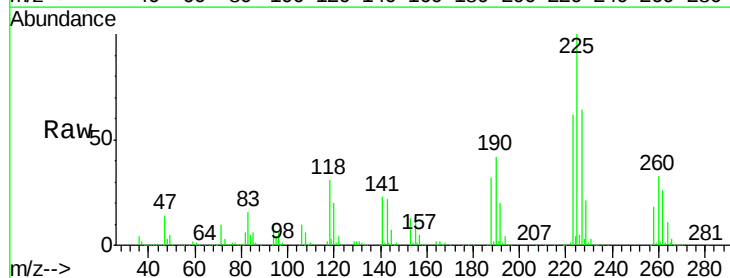
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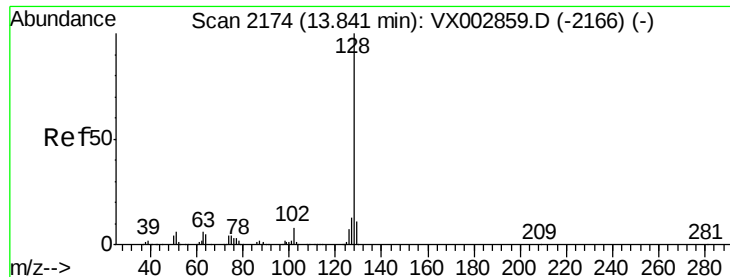
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#94
 Hexachlorobutadiene
 Concen: 48.50 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003094.D
 Acq: 30 Jun 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143088		
223	62.4	31.6	95.0	
227	64.1	32.4	97.2	





#95

Naphthalene

Concen: 54.09 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Instrument :

MSVOA_X

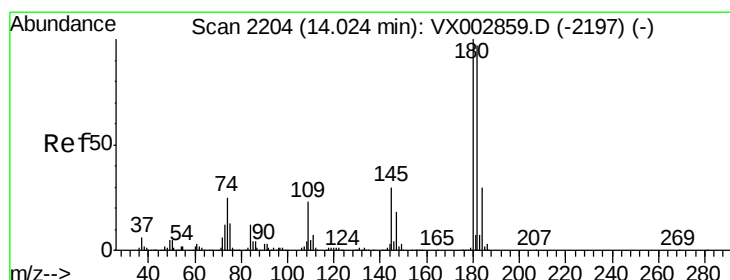
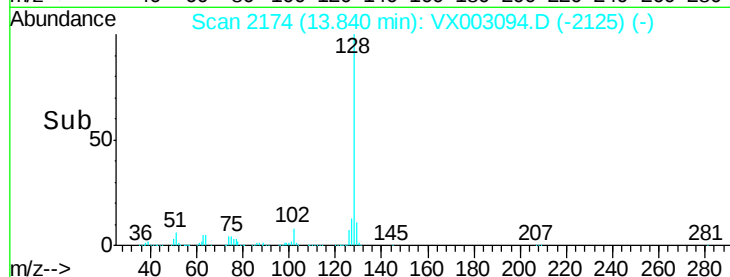
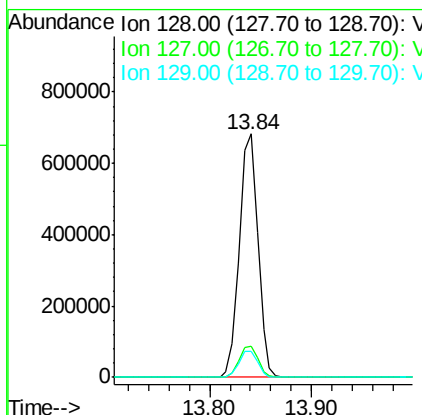
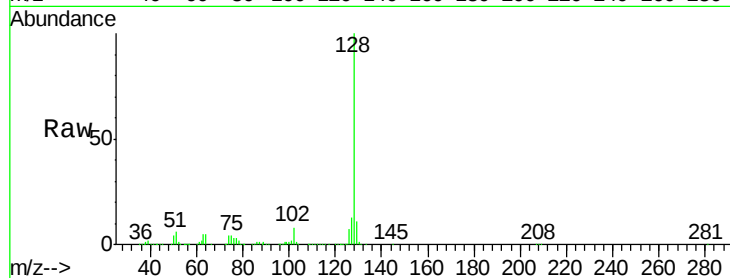
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	852249
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 51.08 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003094.D

Acq: 30 Jun 2018 22:02

Tgt Ion:	180	Resp:	301802
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	29.1	14.8	44.3

