

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003044.D
 Acq On : 29 Jun 2018 22:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 7/2/2018 4:15:33 PM

Quant Time: Jun 30 03:07:54 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	274466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187204	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	5.51	113	154819	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.72	98	548110	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.14	95	210774	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	149502	61.07	ug/l	97
3) Chloromethane	1.32	50	149493	58.97	ug/l	98
4) Vinyl Chloride	1.40	62	163459	52.66	ug/l	97
5) Bromomethane	1.64	94	74745	51.68	ug/l	100
6) Chloroethane	1.72	64	102011	56.28	ug/l	99
7) Trichlorofluoromethane	1.92	101	256629	49.01	ug/l	98
8) Diethyl Ether	2.19	74	91285	47.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	143785	47.39	ug/l	98
10) Methyl Iodide	2.51	142	148012	48.34	ug/l	98
11) Tert butyl alcohol	3.09	59	181502	240.17	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132241	48.85	ug/l	96
13) Acrolein	2.30	56	95867	229.17	ug/l	98
14) Allyl chloride	2.73	41	254249	47.65	ug/l	96
15) Acrylonitrile	3.15	53	409826	253.89	ug/l	99
16) Acetone	2.45	43	372683	237.22	ug/l	96
17) Carbon Disulfide	2.57	76	357343	49.55	ug/l	98
18) Methyl Acetate	2.78	43	198533	45.20	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	463856	47.67	ug/l	99
20) Methylene Chloride	2.86	84	147230	48.16	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139930	47.46	ug/l	93
22) Diisopropyl ether	3.88	45	507558	49.76	ug/l	98
23) Vinyl Acetate	3.83	43	2224432	257.56	ug/l	99
24) 1,1-Dichloroethane	3.70	63	269697	48.65	ug/l	99
25) 2-Butanone	4.71	43	609469	261.39	ug/l	99
26) 2,2-Dichloropropane	4.59	77	166274	36.89	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	166455	50.36	ug/l	91
28) Bromochloromethane	5.02	49	131356	49.50	ug/l	92
29) Tetrahydrofuran	5.17	42	395194	264.31	ug/l	97
30) Chloroform	5.22	83	287166	50.48	ug/l	97
31) Cyclohexane	5.57	56	236780	49.77	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	255162	50.98	ug/l	98
36) 1,1-Dichloropropene	5.80	75	206642	50.36	ug/l	99
37) Ethyl Acetate	4.87	43	236866	53.61	ug/l	99
38) Carbon Tetrachloride	5.78	117	230104	51.10	ug/l	96

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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)
39) Methylcyclohexane	7.46	83	227222	47.54	ug/l	98
40) Benzene	6.15	78	611784	51.31	ug/l	100
41) Methacrylonitrile	5.07	41	133171	52.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	234063	48.60	ug/l	99
43) Isopropyl Acetate	6.47	43	370881	50.05	ug/l	98
44) Trichloroethene	7.21	130	180249	50.71	ug/l	100
45) 1,2-Dichloropropane	7.52	63	161692	51.13	ug/l	99
46) Dibromomethane	7.67	93	110322	50.27	ug/l	96
47) Bromodichloromethane	7.90	83	213070	52.51	ug/l	98
48) Methyl methacrylate	7.78	41	196230	51.40	ug/l	96
49) 1,4-Dioxane	7.76	88	80157	1079.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1234722	266.34	ug/l	98
52) Toluene	8.79	92	392869	51.44	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234810	51.10	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	217415	49.17	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162814	51.88	ug/l	98
56) Ethyl methacrylate	9.18	69	244437	53.29	ug/l	95
57) 1,3-Dichloropropane	9.38	76	264362	51.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	580760	262.45	ug/l	98
59) 2-Hexanone	9.50	43	944651	268.12	ug/l	97
60) Dibromochloromethane	9.59	129	176474	53.41	ug/l	99
61) 1,2-Dibromoethane	9.68	107	171822	52.19	ug/l	100
64) Tetrachloroethene	9.34	164	201319	50.29	ug/l	97
65) Chlorobenzene	10.14	112	452673	49.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171508	51.63	ug/l	99
67) Ethyl Benzene	10.26	91	766886	50.77	ug/l	99
68) m/p-Xylenes	10.36	106	599577	102.99	ug/l	100
69) o-Xylene	10.70	106	291083	51.35	ug/l	98
70) Styrene	10.71	104	490229	53.22	ug/l	99
71) Bromoform	10.86	173	139535	46.76	ug/l	99
73) Isopropylbenzene	11.02	105	781697	51.17	ug/l	99
74) N-amyl acetate	6.47	43	370881	49.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	241802	51.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	212472m	51.66	ug/l	
77) Bromobenzene	11.26	156	218557	50.24	ug/l	97
78) n-propylbenzene	11.37	91	882404	50.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	531372	50.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	656003	50.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60838	43.39	ug/l	100
82) 4-Chlorotoluene	11.51	91	626821	50.30	ug/l	99
83) tert-Butylbenzene	11.77	119	640726	50.53	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	682076	51.17	ug/l	99
85) sec-Butylbenzene	11.95	105	762057	49.54	ug/l	99
86) p-Isopropyltoluene	12.07	119	690793	49.95	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	396397	49.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400152	48.94	ug/l	99
89) n-Butylbenzene	12.39	91	572863	47.59	ug/l	98
90) Hexachloroethane	12.60	117	101248	49.22	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	402433	50.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55406	52.38	ug/l	96

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	288526	49.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	140071	48.12	ug/l	99
95) Naphthalene	13.83	128	837474	53.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	291969	50.09	ug/l	99

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

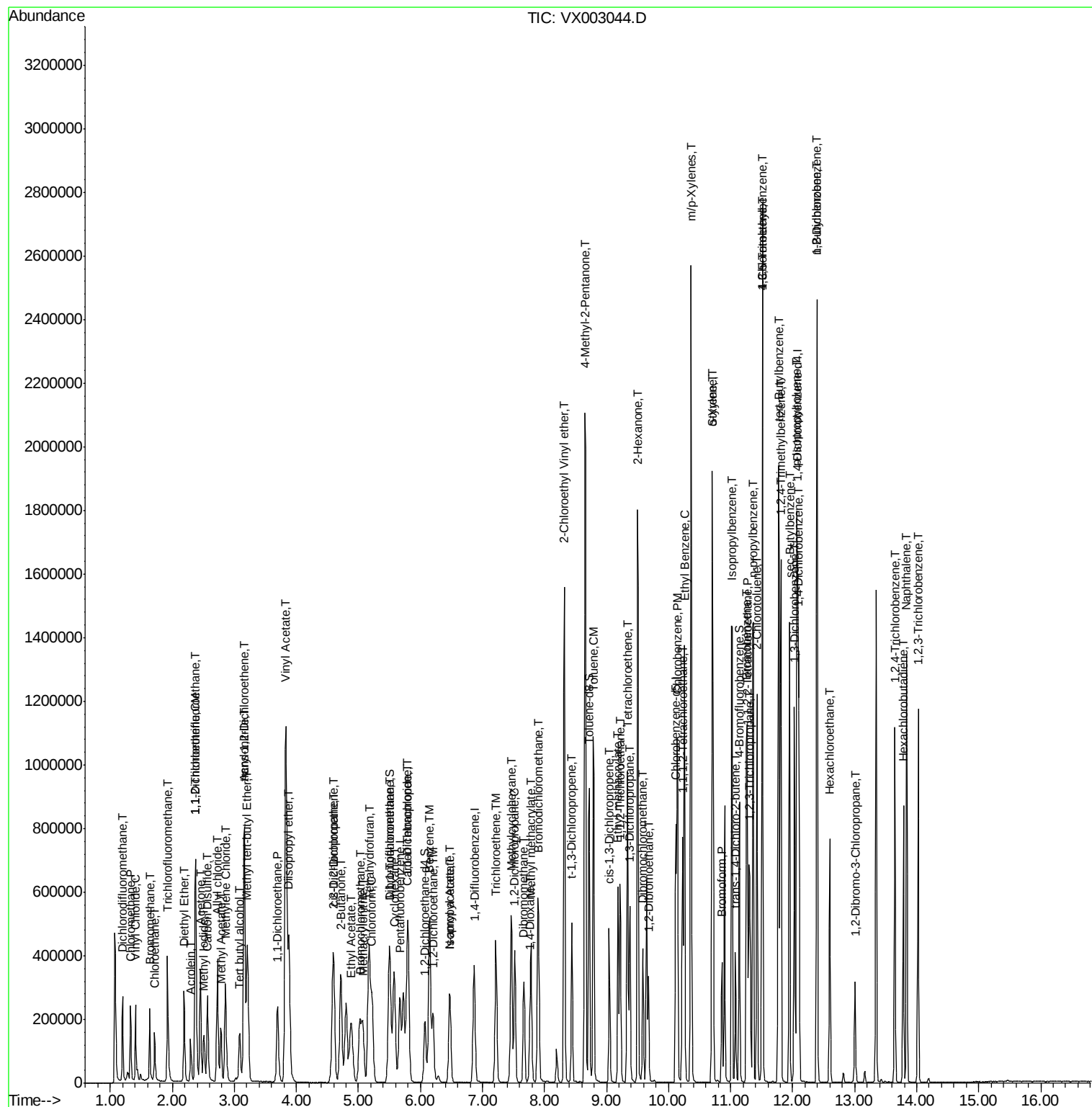
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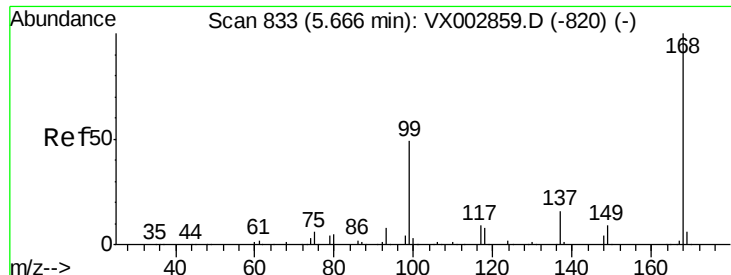
Instrument :
MSVOA_X
Client Sample ID :
VSTDCCC050

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 274466

Ion Ratio Lower Upper

168 100

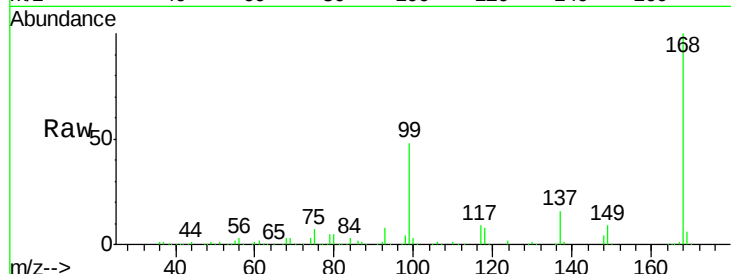
99 48.0 39.3 58.9

Manual Integrations

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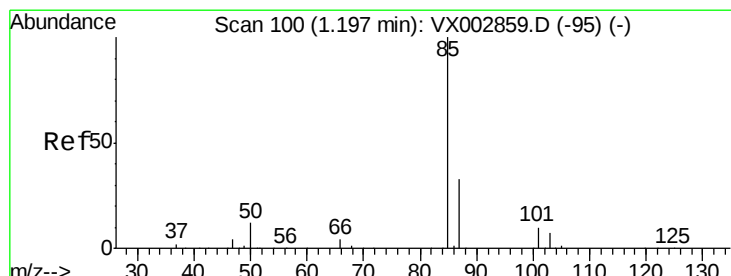
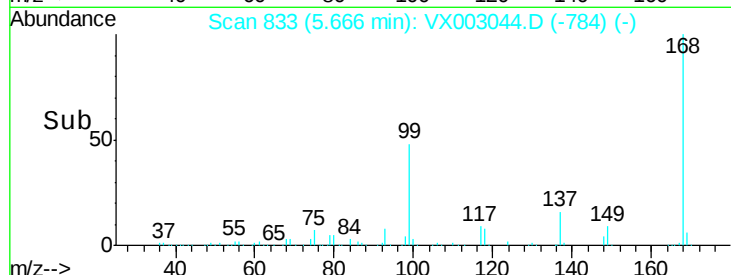
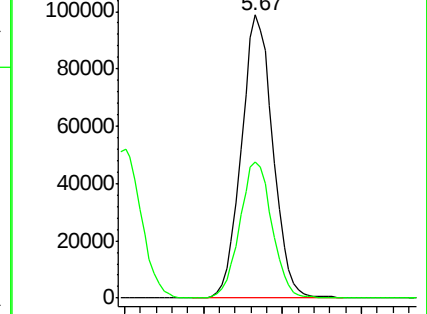
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 61.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003044.D

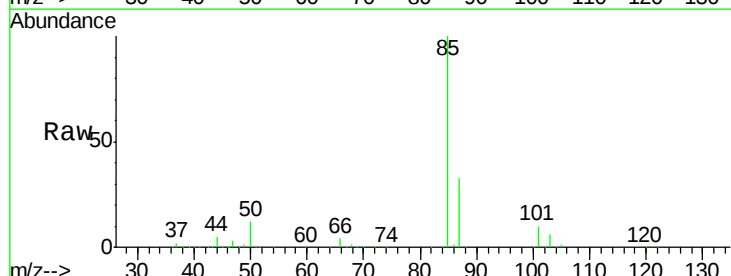
Acq: 29 Jun 2018 22:30

Tgt Ion: 85 Resp: 149502

Ion Ratio Lower Upper

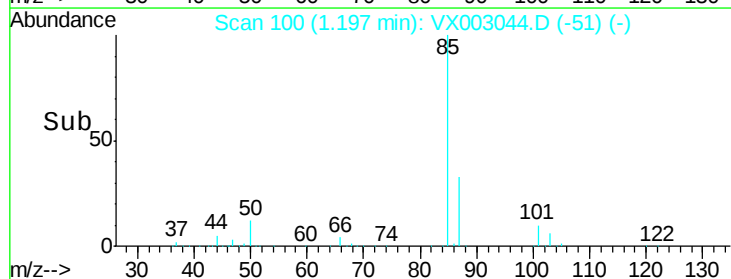
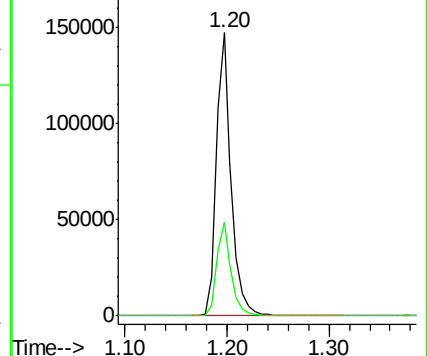
85 100

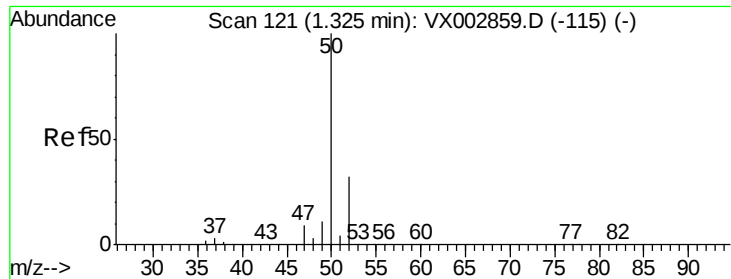
87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 58.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 149493

Ion Ratio Lower Upper

50 100

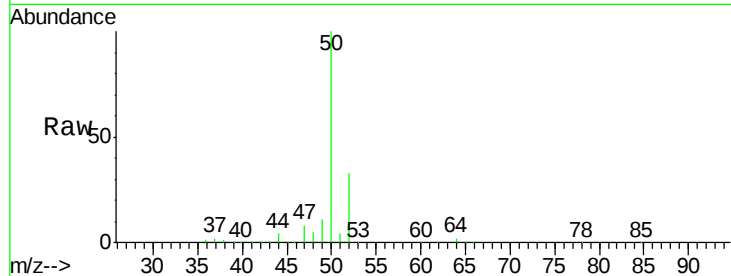
52 33.1 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

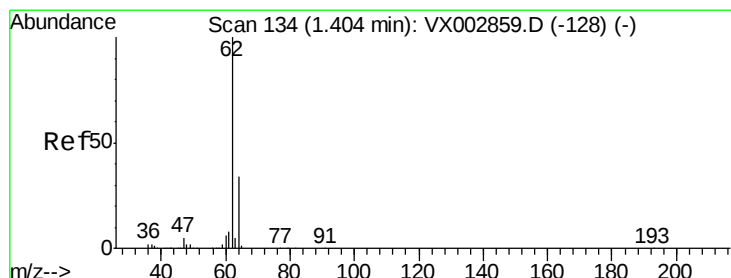
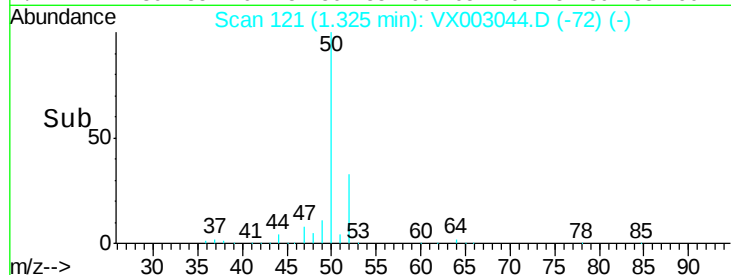
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.66 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003044.D

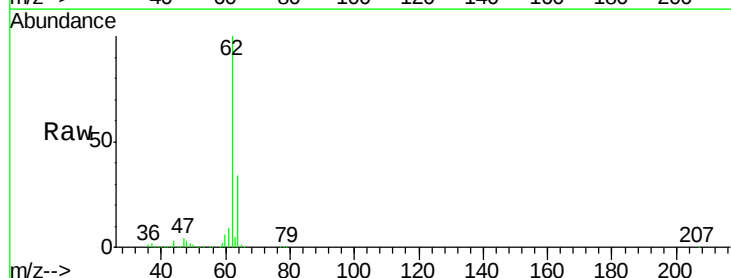
Acq: 29 Jun 2018 22:30

Tgt Ion: 62 Resp: 163459

Ion Ratio Lower Upper

62 100

64 33.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

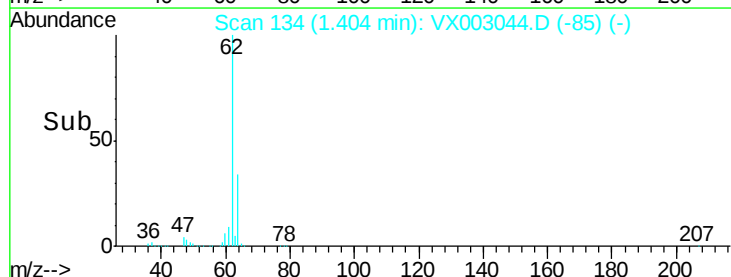
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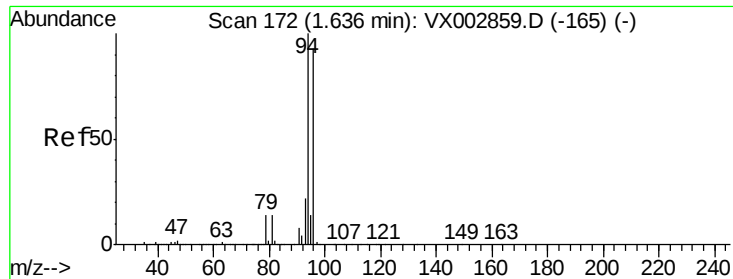
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50000

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#5

Bromomethane

Concen: 51.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 74745

Ion Ratio Lower Upper

94 100

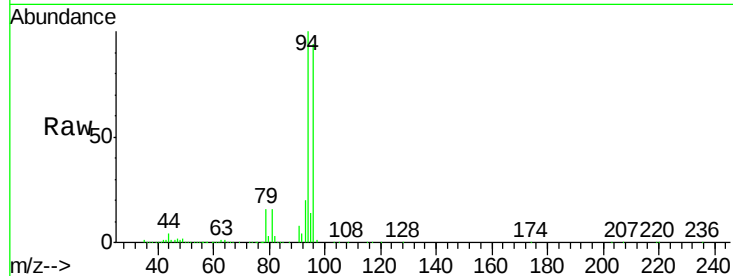
96 93.9 74.9 112.3

Manual Integrations

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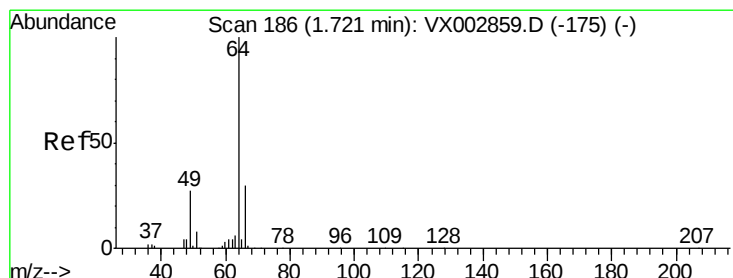
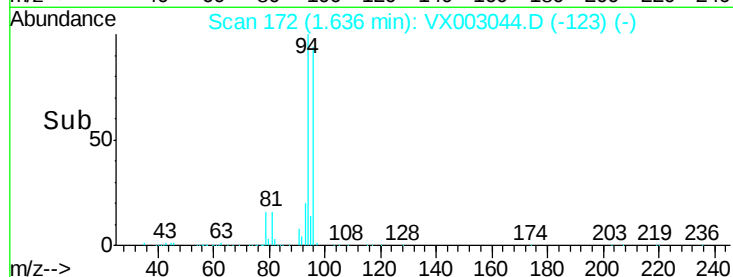
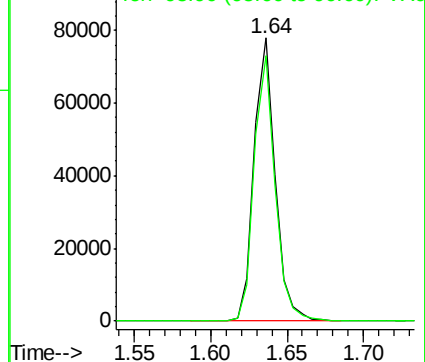
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.28 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003044.D

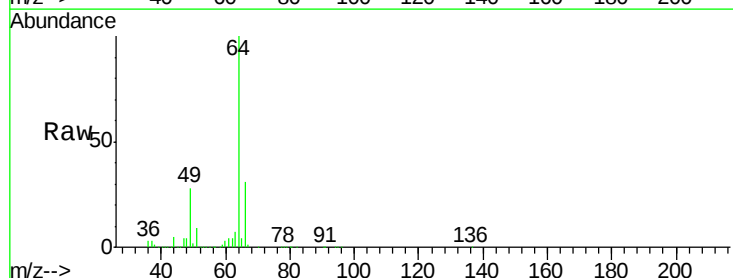
Acq: 29 Jun 2018 22:30

Tgt Ion: 64 Resp: 102011

Ion Ratio Lower Upper

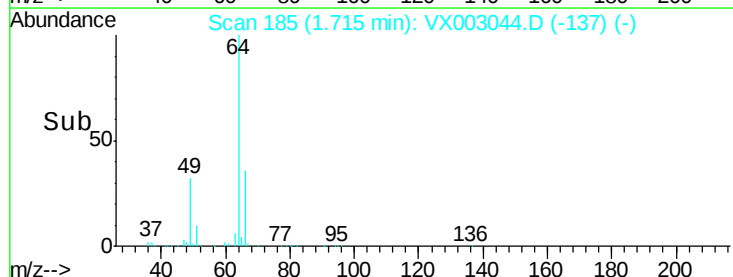
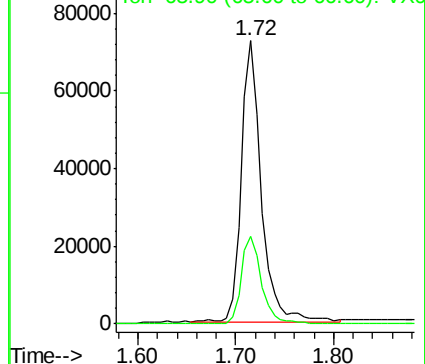
64 100

66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

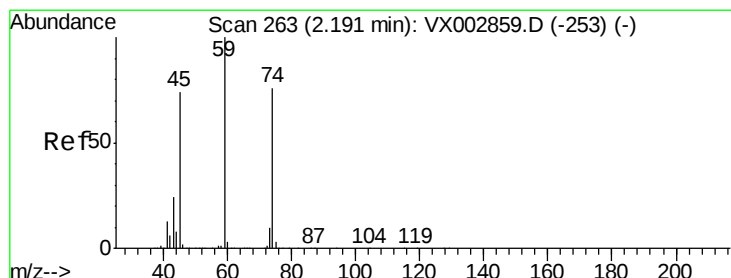
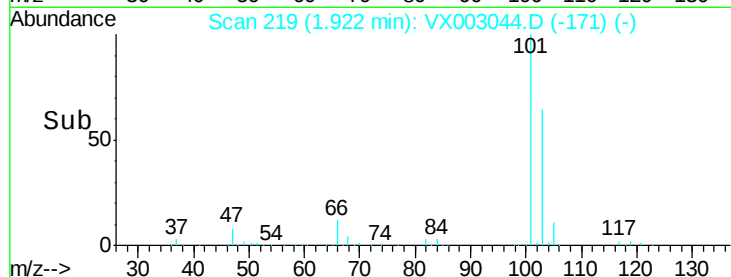
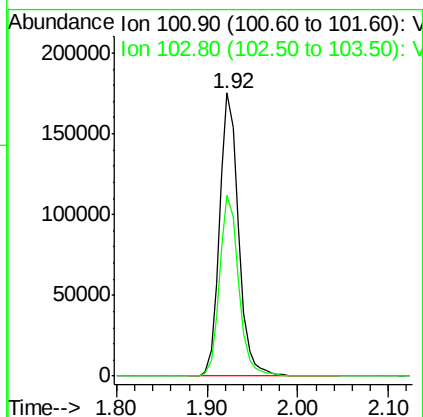
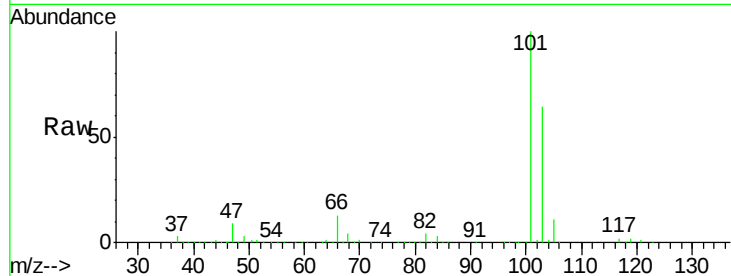
Trichlorofluoromethane
 Concen: 49.01 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.8	79.2

Manual Integrations
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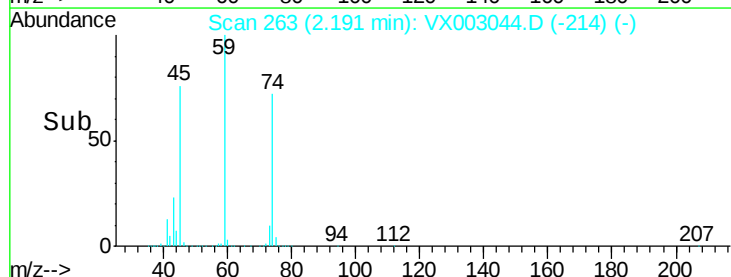
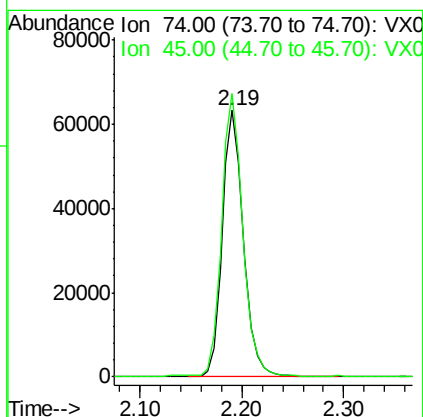
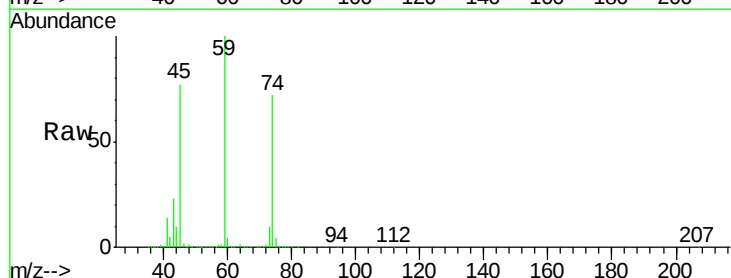
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#8

Diethyl Ether
 Concen: 47.96 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.39 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

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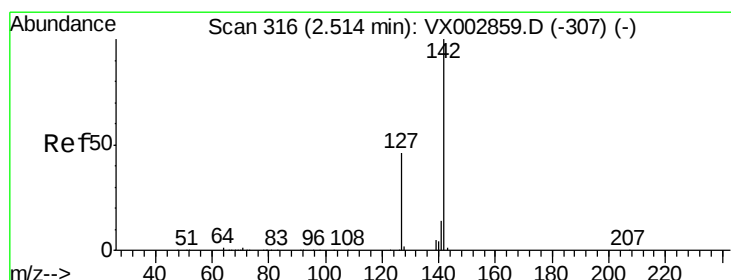
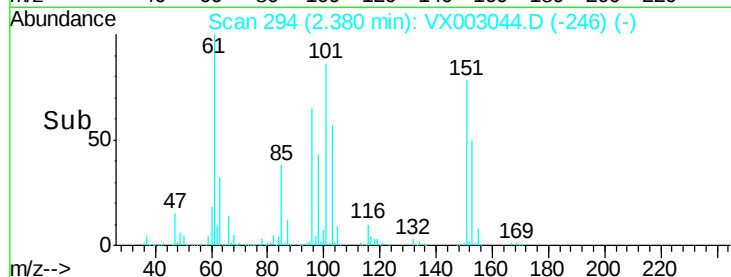
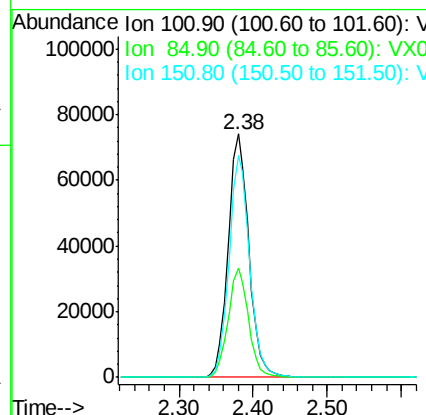
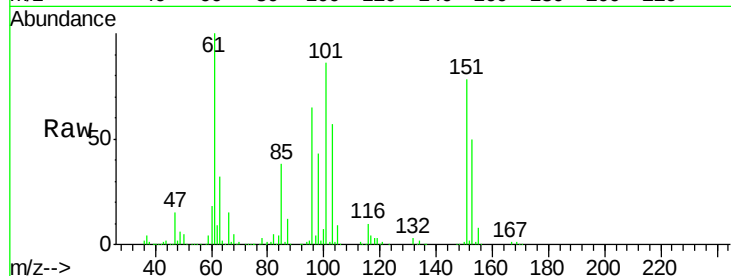
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	143785
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	90.5	70.9	106.3

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#10

Methyl Iodide

Concen: 48.34 ug/l

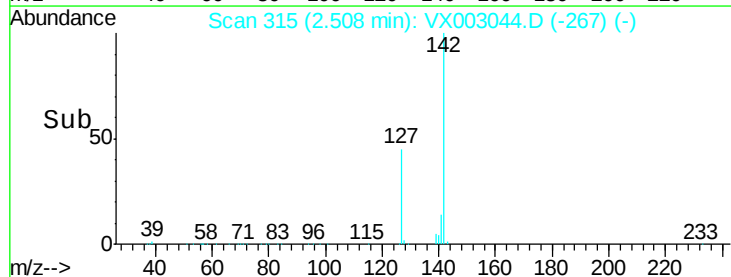
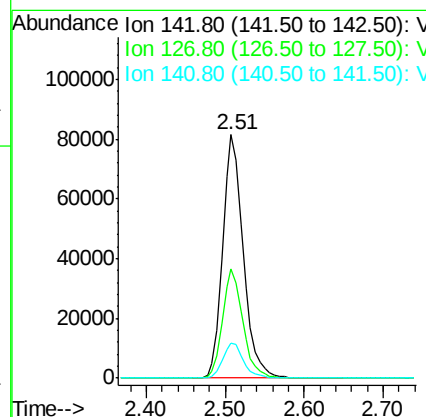
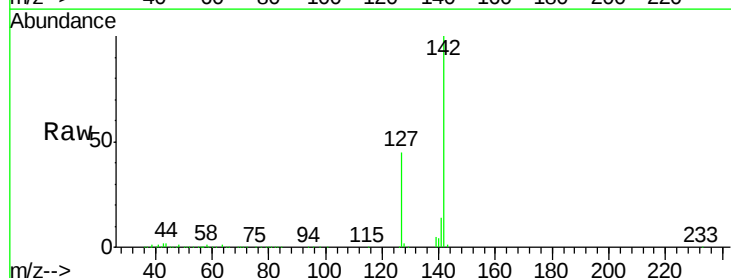
RT: 2.51 min Scan# 315

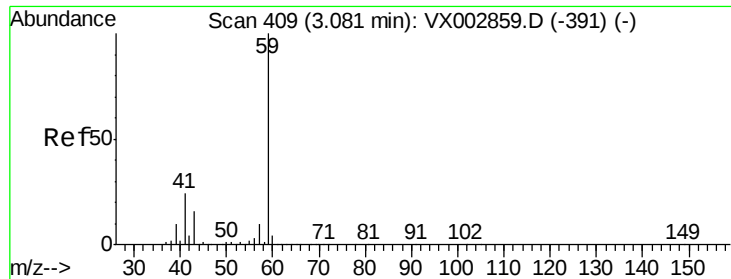
Delta R.T. -0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	142	Resp:	148012
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.6	55.0
141	14.5	11.3	16.9





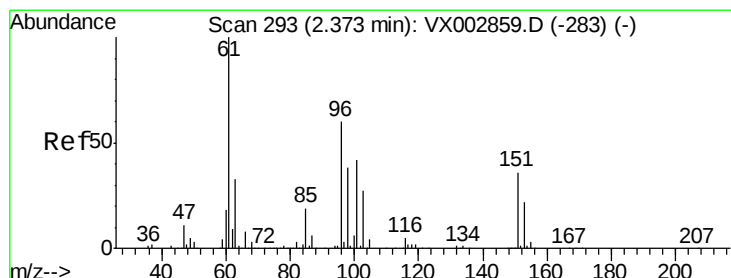
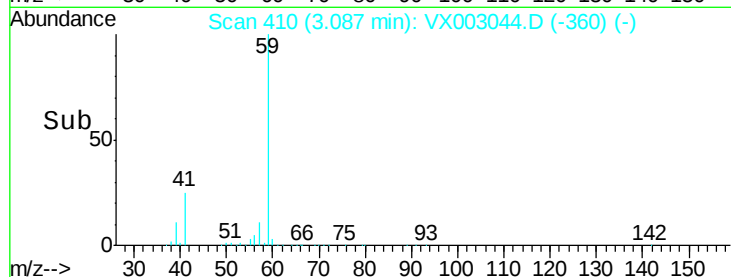
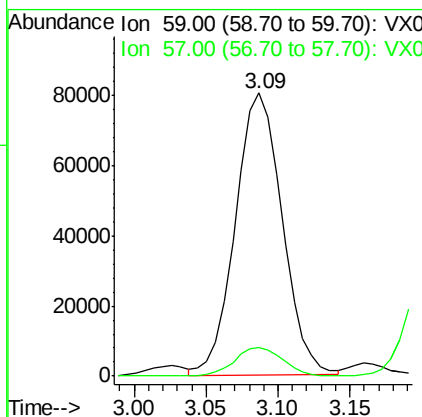
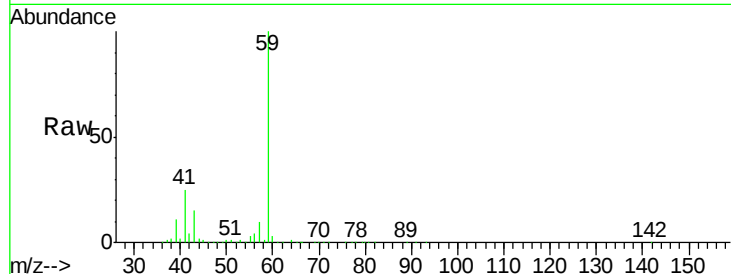
#11
Tert butyl alcohol
Concen: 240.17 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

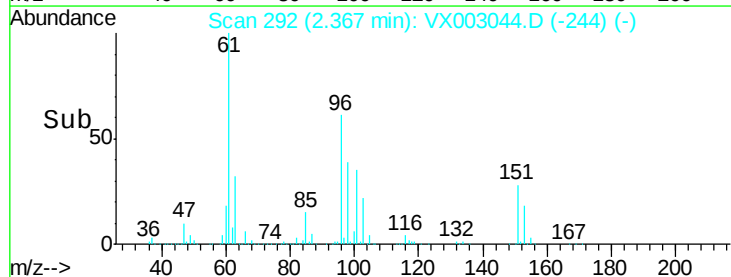
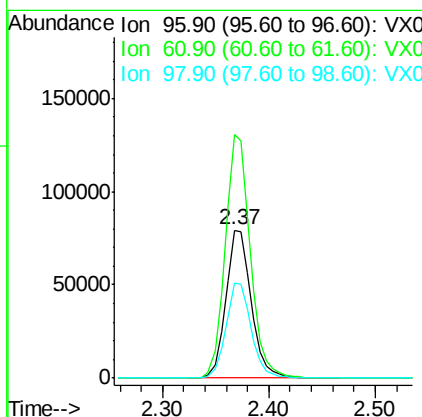
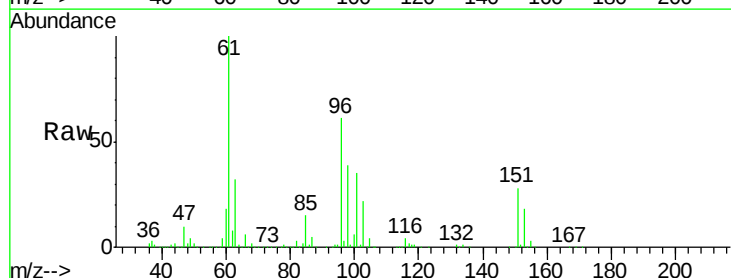
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 48.85 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.9	137.9	206.9
98	64.8	51.6	77.4





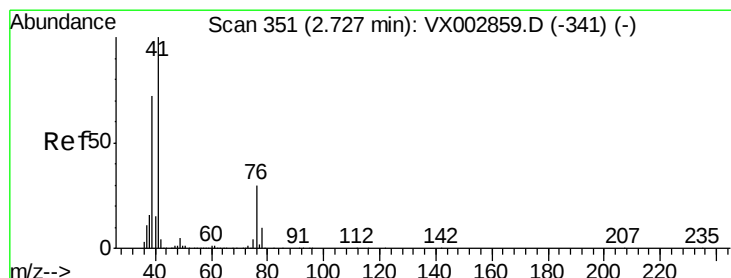
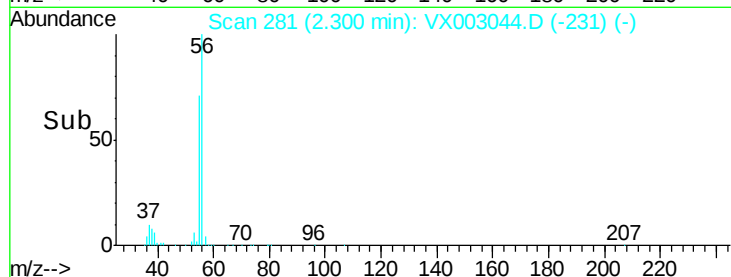
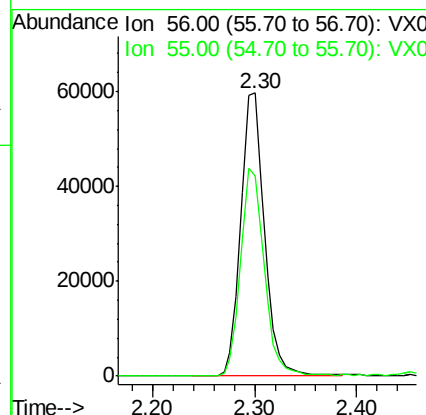
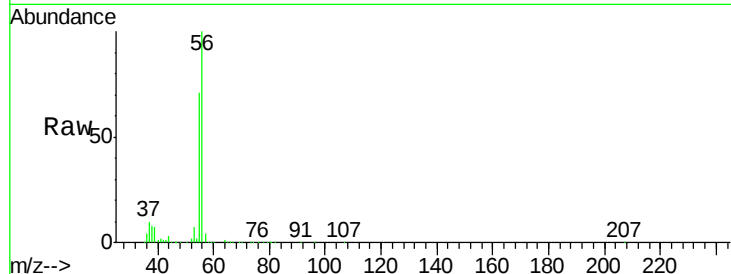
#13
Acrolein
Concen: 229.17 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	95867
Ion Ratio	100	Lower	Upper
55	72.6	57.0	85.4

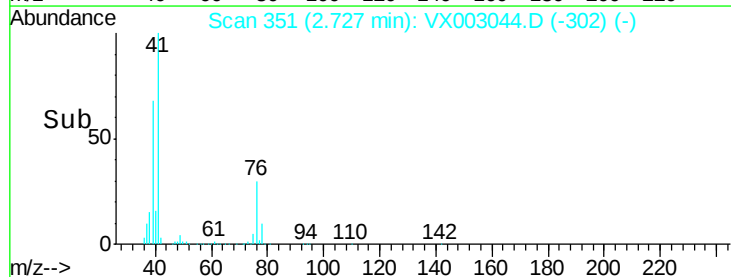
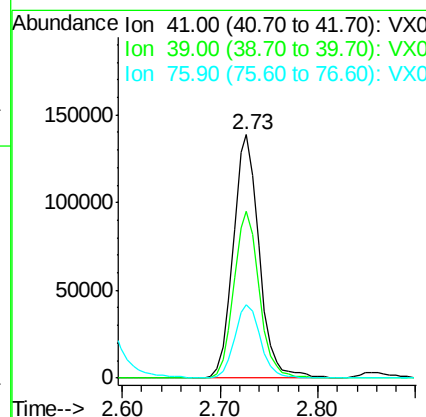
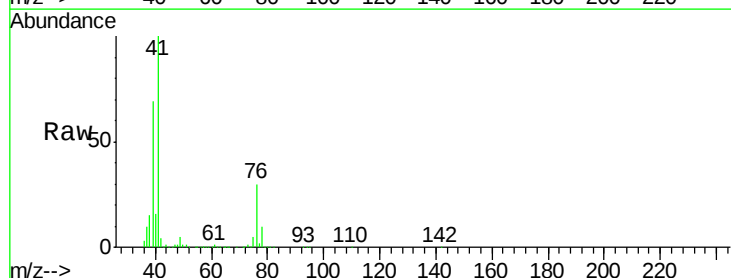
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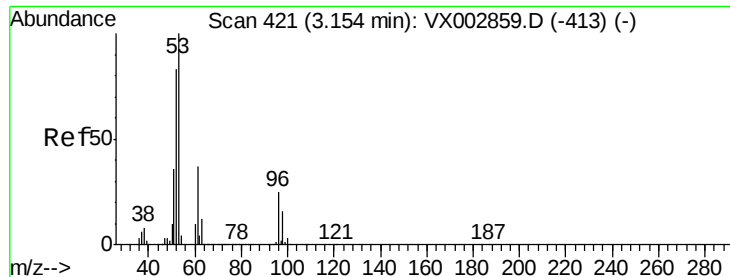
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#14
Allyl chloride
Concen: 47.65 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	41	Resp	254249
Ion Ratio	100	Lower	Upper
39	67.2	56.8	85.2
76	30.4	23.8	35.8





#15

Acrylonitrile

Concen: 253.89 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

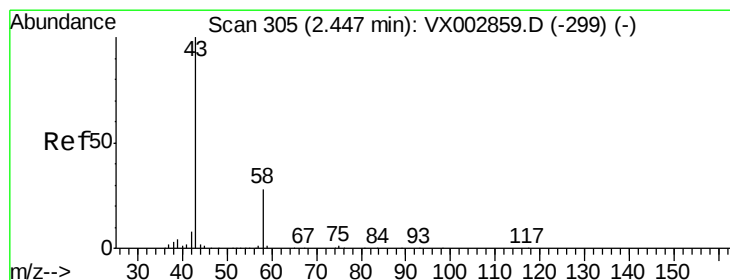
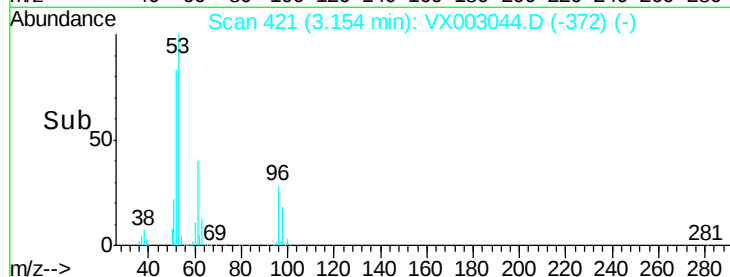
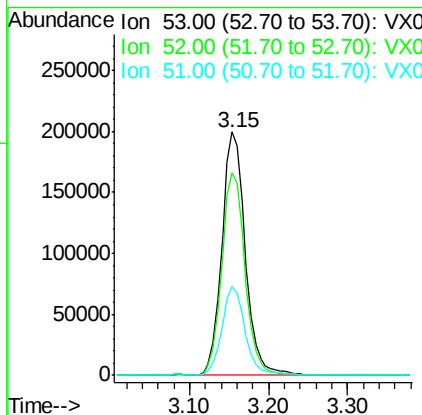
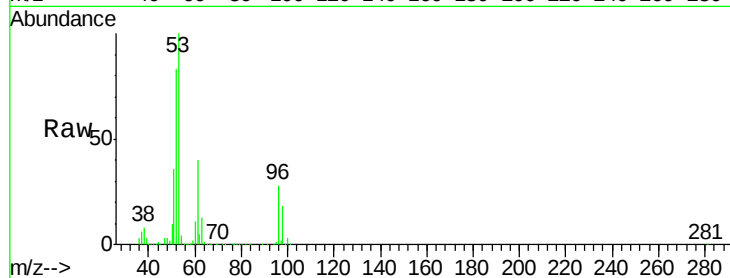
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	409826
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.7	100.1
51	36.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 237.22 ug/l

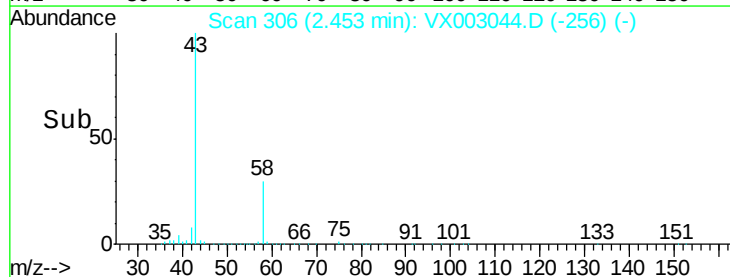
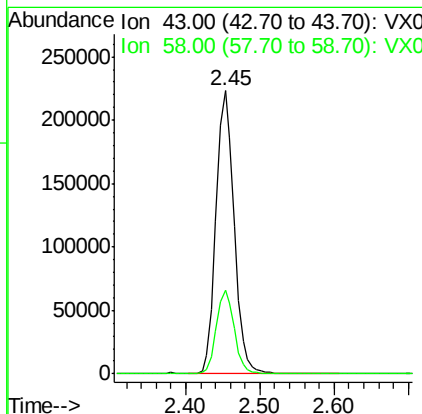
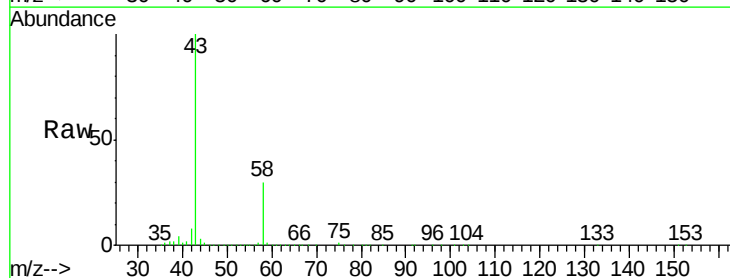
RT: 2.45 min Scan# 306

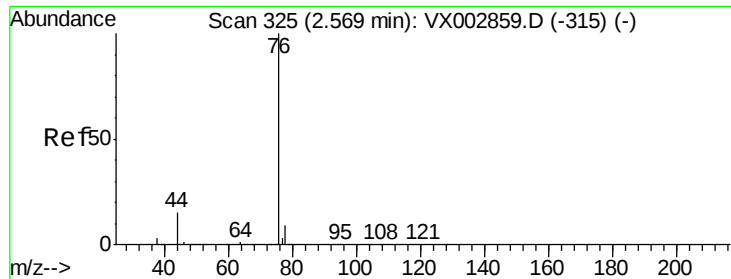
Delta R.T. 0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	43	Resp:	372683
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.1	33.1





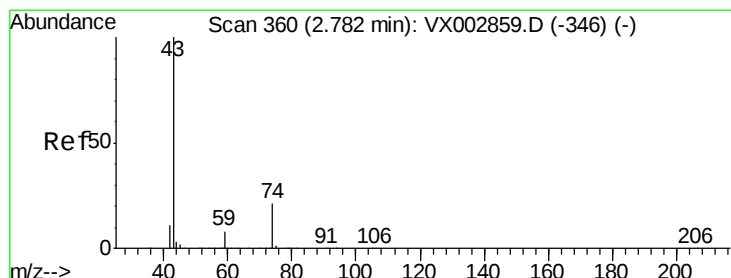
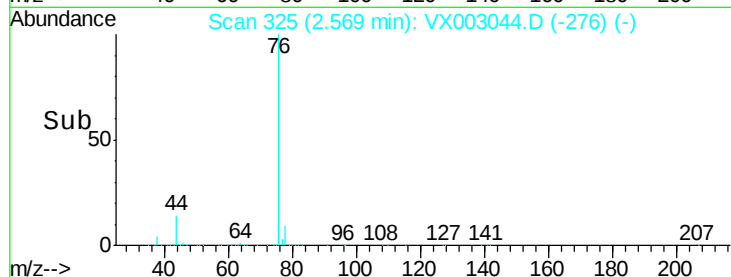
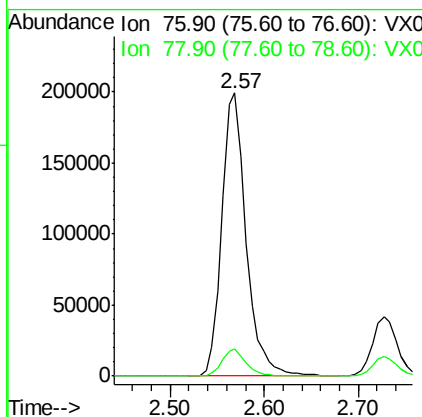
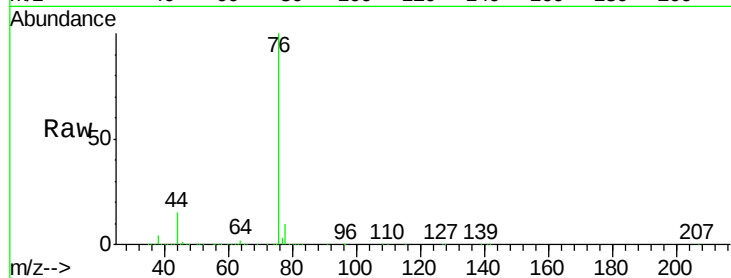
#17
Carbon Disulfide
Concen: 49.55 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

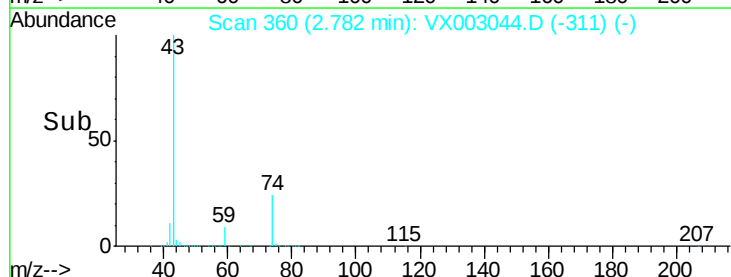
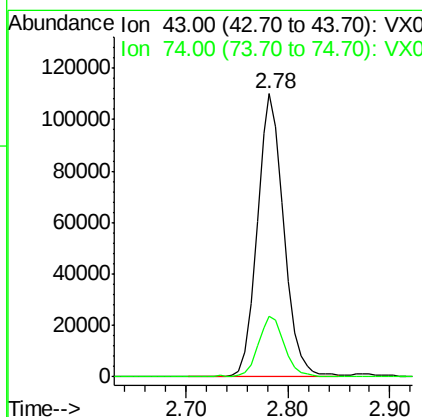
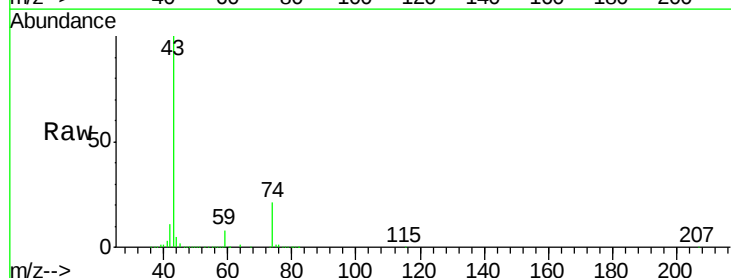
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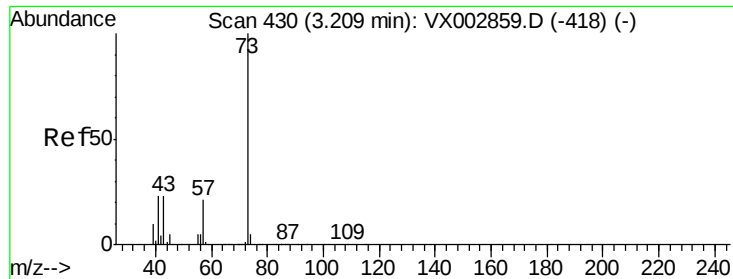
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#18
Methyl Acetate
Concen: 45.20 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.7	25.1





#19

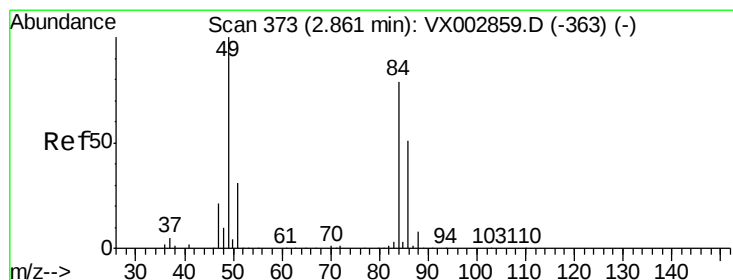
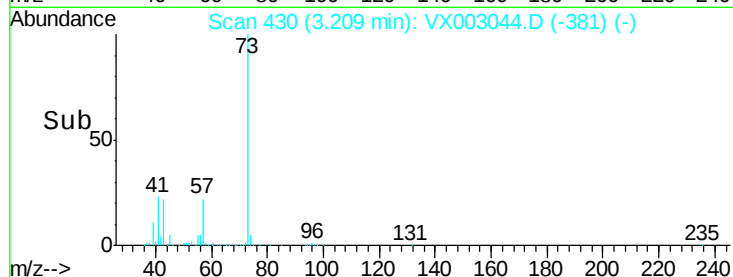
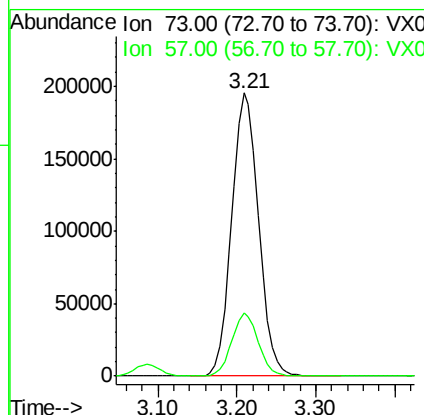
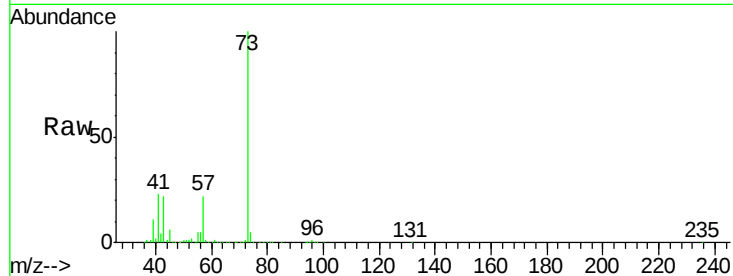
Methyl tert-butyl Ether
 Concen: 47.67 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	73	Resp	463856
Ion Ratio	100	Lower	Upper
73	100		
57	22.4	17.7	26.5

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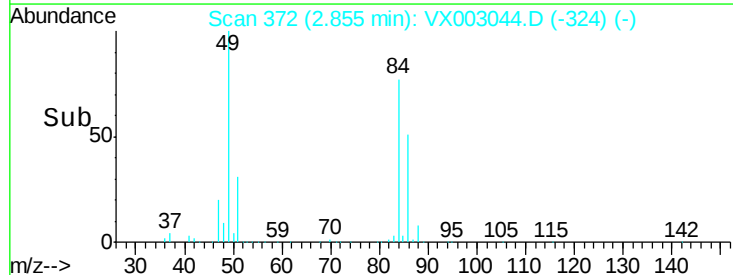
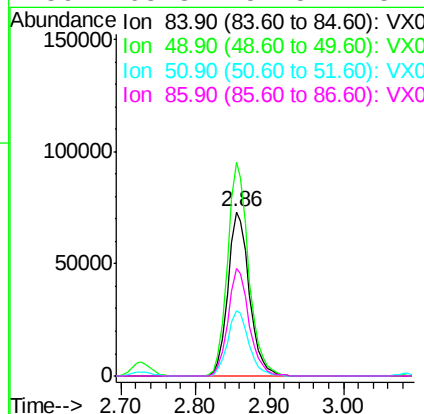
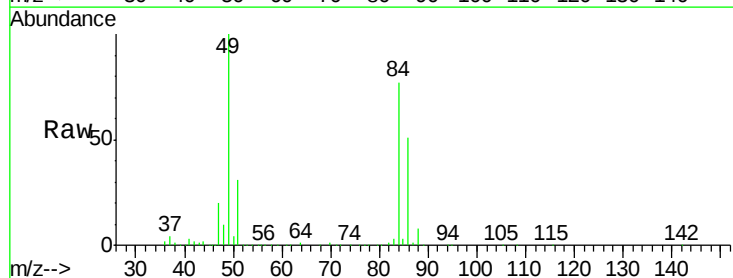
apatel
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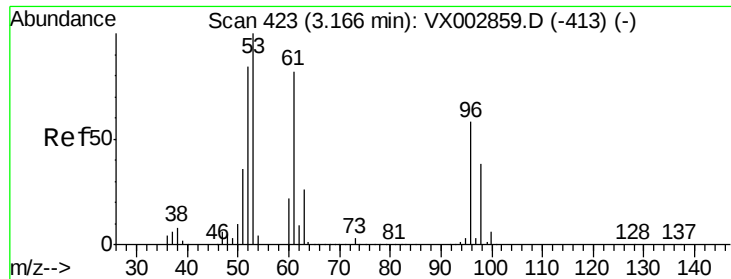


#20

Methylene Chloride
 Concen: 48.16 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion	84	Resp	147230
Ion Ratio	100	Lower	Upper
84	100		
49	129.9	107.8	161.6
51	39.9	32.8	49.2
86	65.8	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 47.46 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

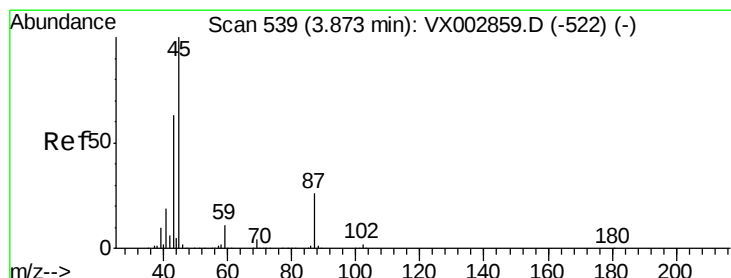
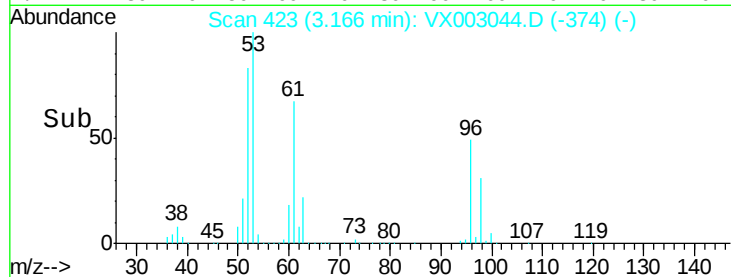
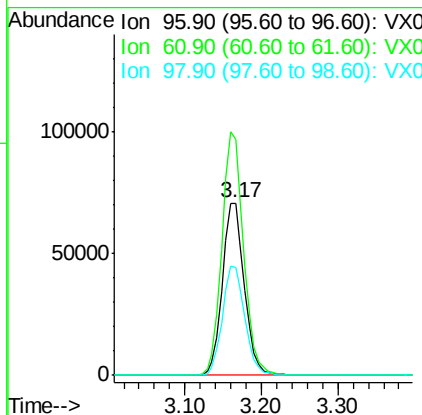
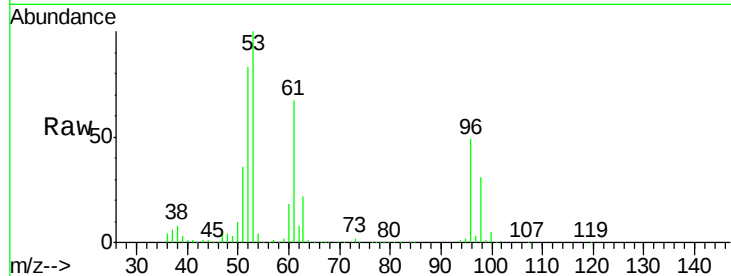
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	139930
Ion	Ratio	Lower	Upper
96	100		
61	136.4	117.0	175.4
98	62.7	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.76 ug/l

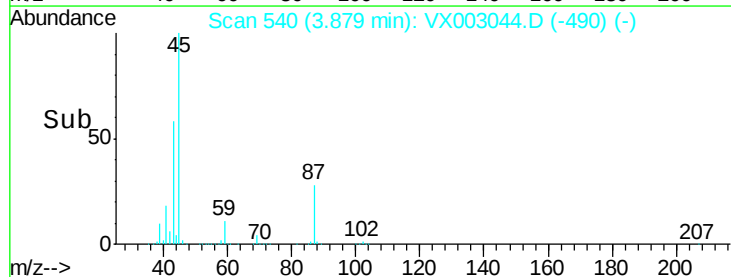
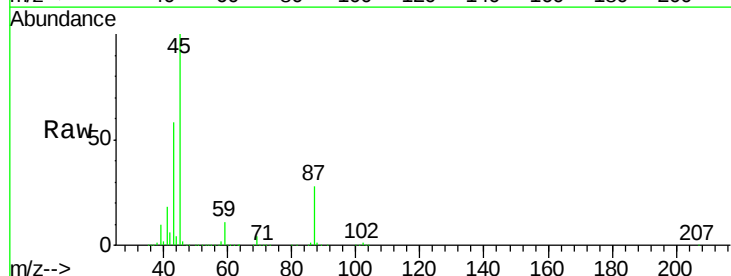
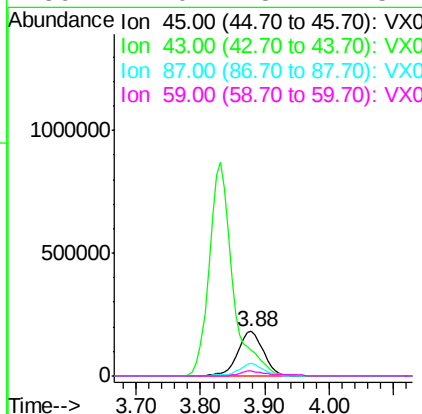
RT: 3.88 min Scan# 540

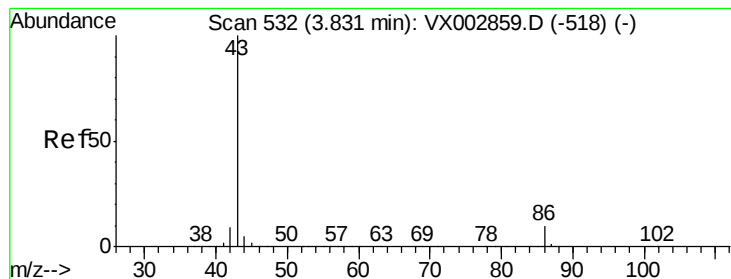
Delta R.T. 0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	45	Resp:	507558
Ion	Ratio	Lower	Upper
45	100		
43	58.1	46.8	70.2
87	27.8	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 257.56 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2224432

Ion Ratio Lower Upper

43 100

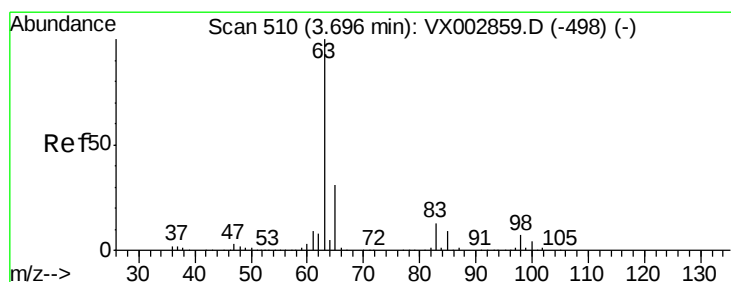
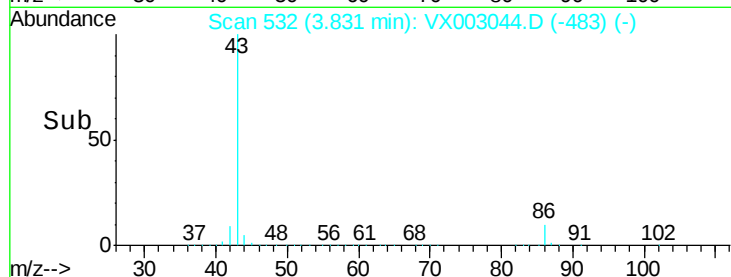
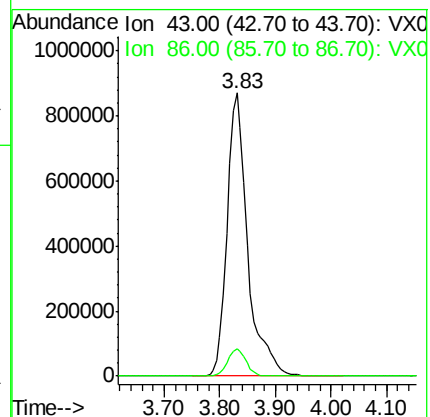
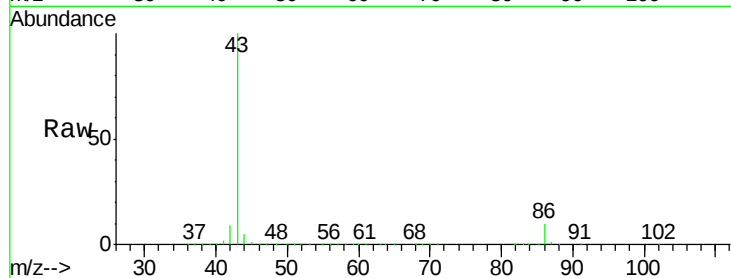
86 9.7 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 48.65 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

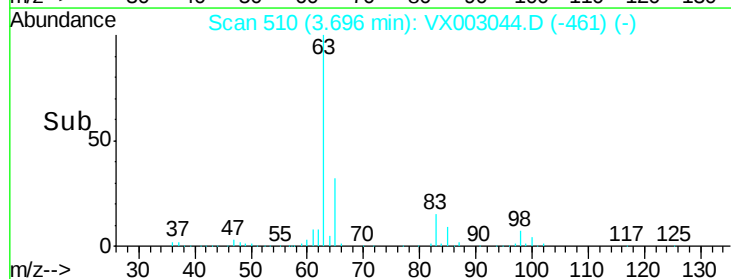
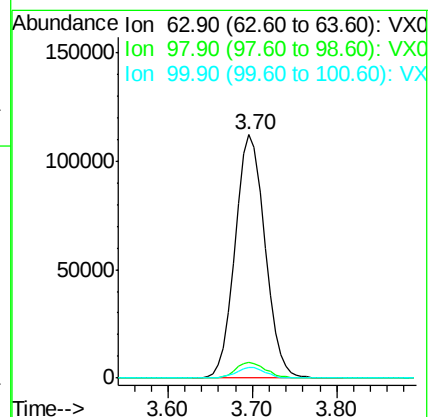
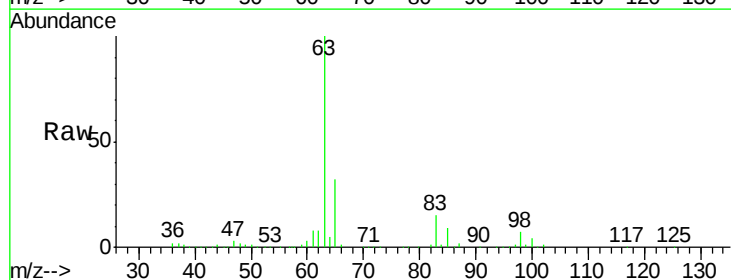
Tgt Ion: 63 Resp: 269697

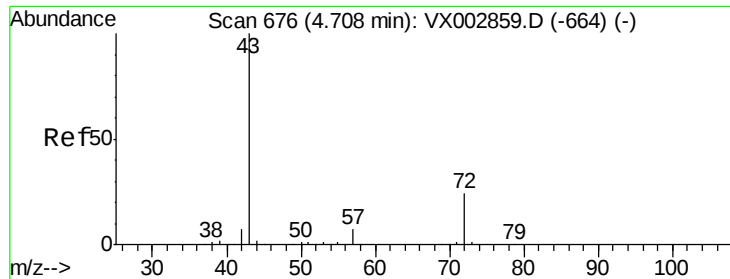
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 261.39 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 609469

Ion Ratio Lower Upper

43 100

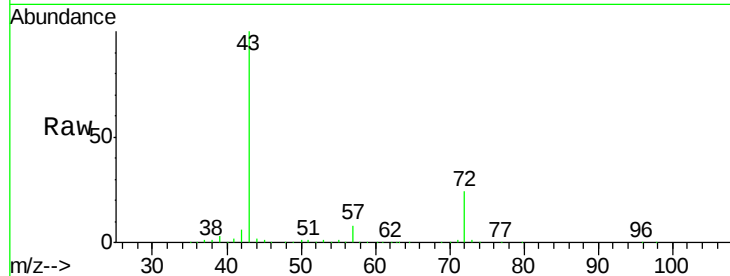
72 23.7 18.5 27.7

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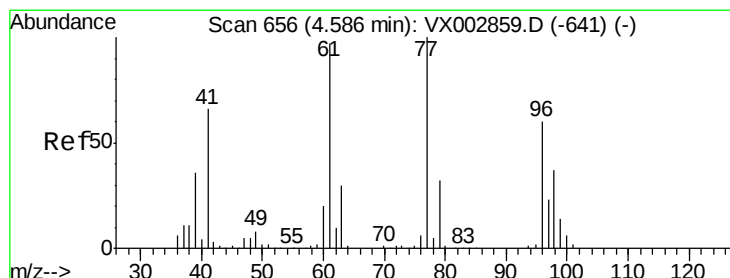
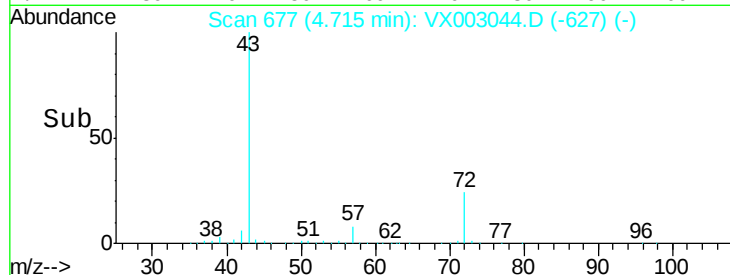
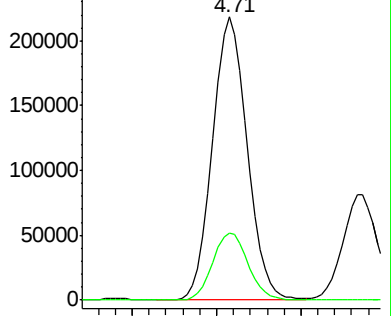
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003044.D

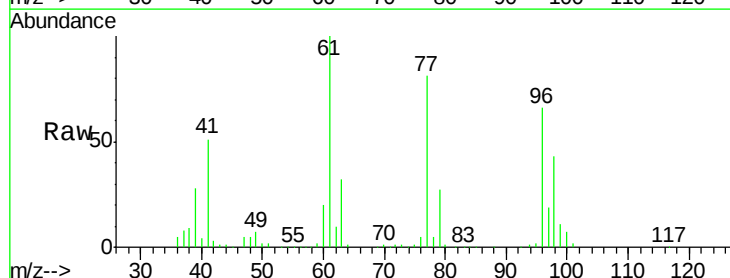
Acq: 29 Jun 2018 22:30

Tgt Ion: 77 Resp: 166274

Ion Ratio Lower Upper

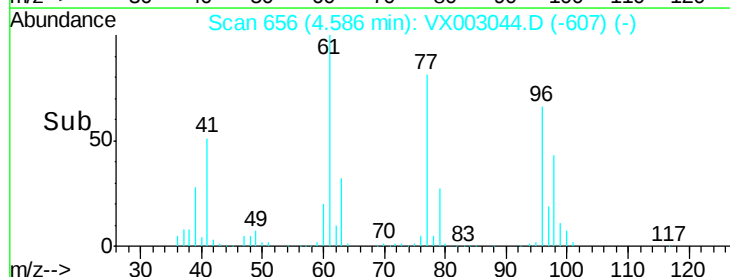
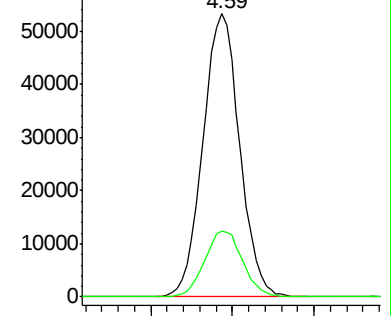
77 100

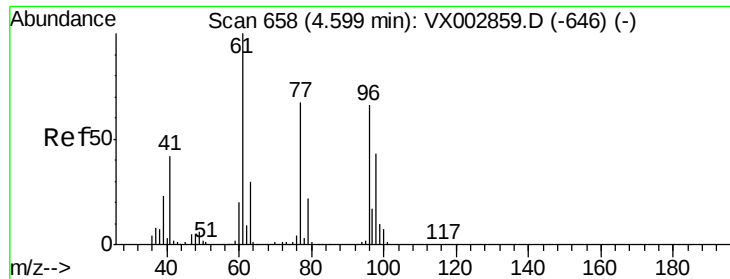
97 24.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 50.36 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

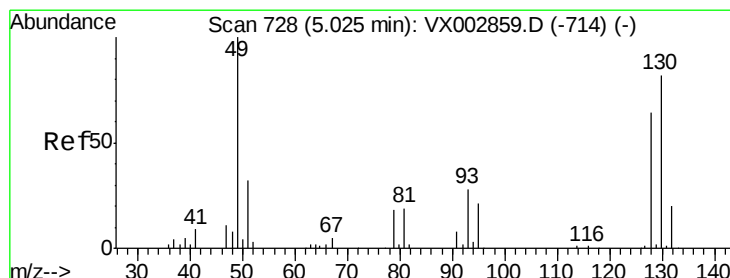
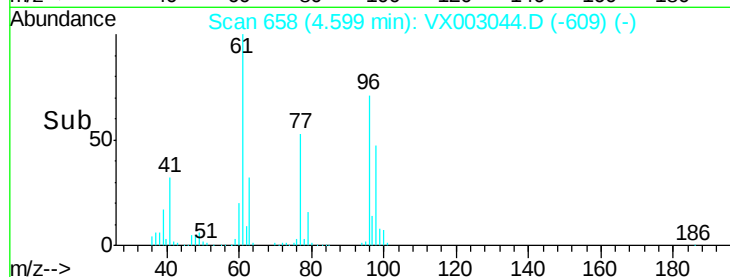
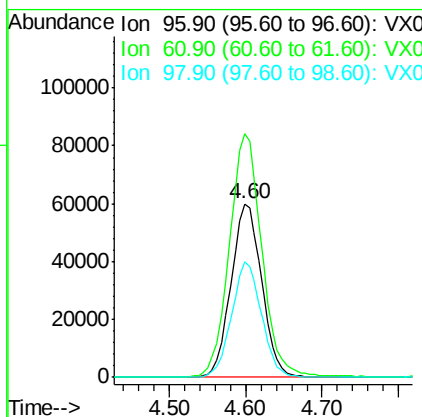
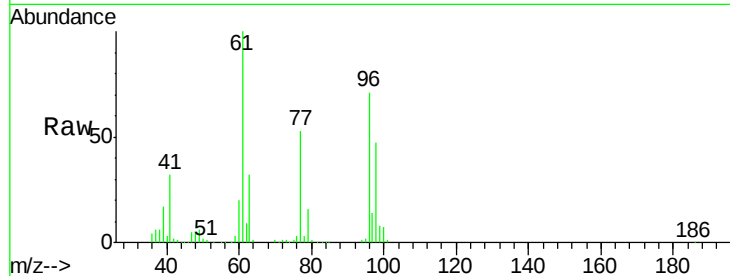
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	166455
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	330.2
98	64.9	0.0	130.2

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#28

Bromochloromethane

Concen: 49.50 ug/l

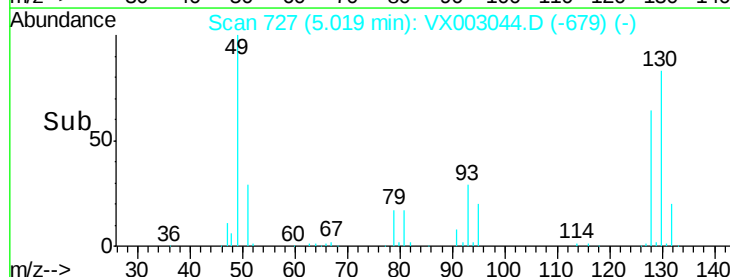
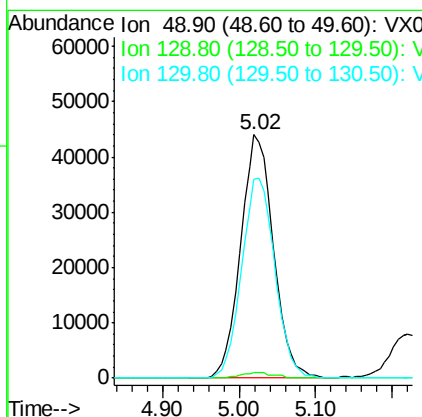
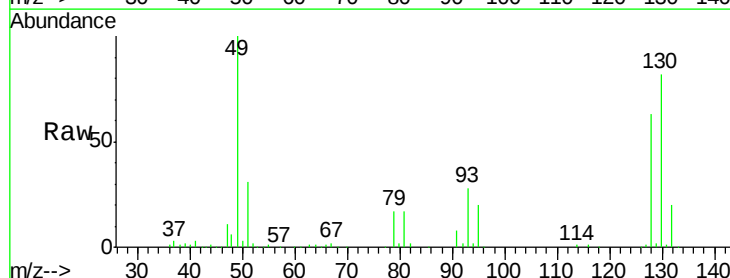
RT: 5.02 min Scan# 727

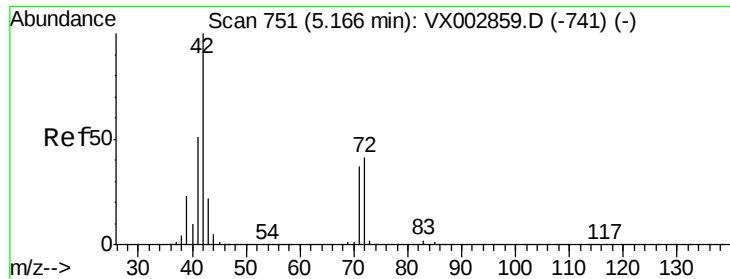
Delta R.T. -0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	49	Resp:	131356
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	83.4	61.2	91.8





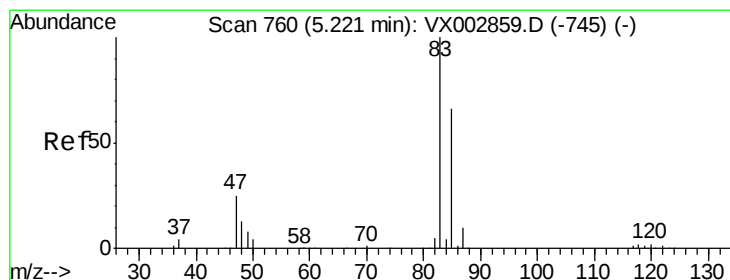
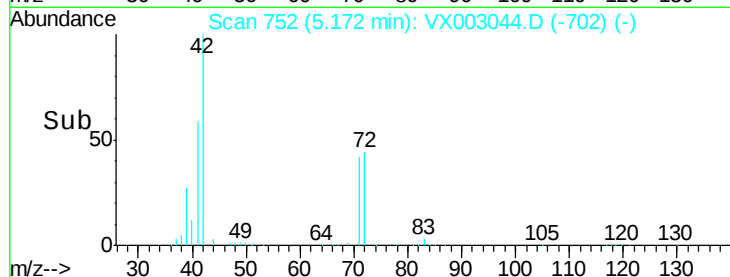
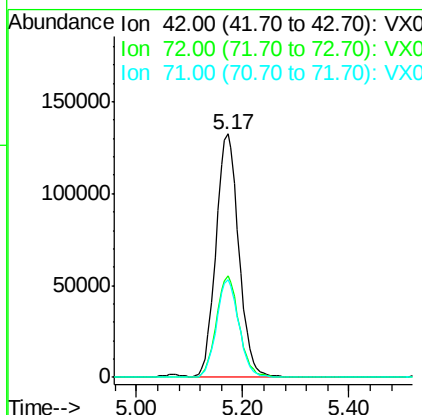
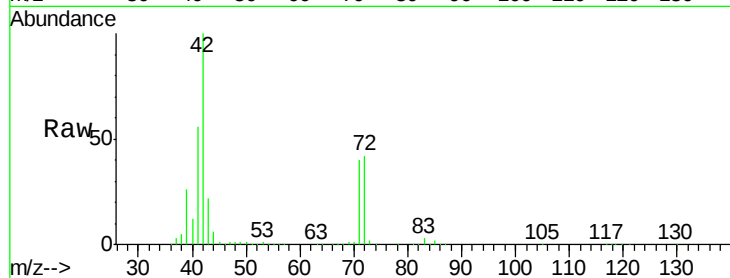
#29
Tetrahydrofuran
Concen: 264.31 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	39.6	30.1	45.1

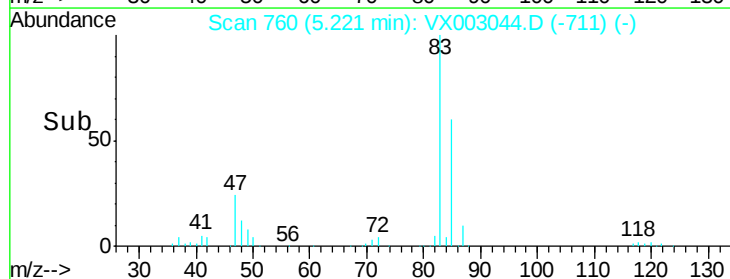
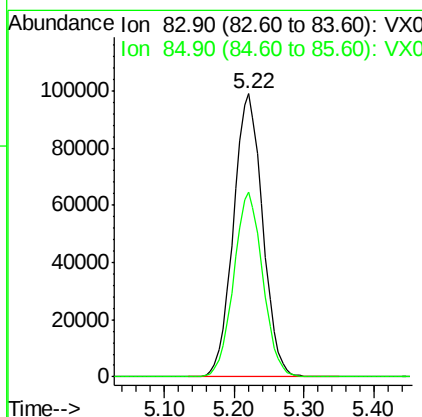
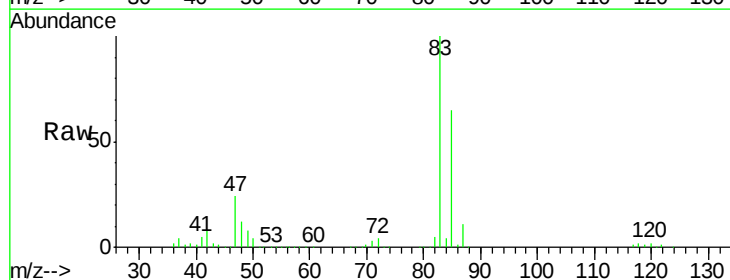
Manual Integrations
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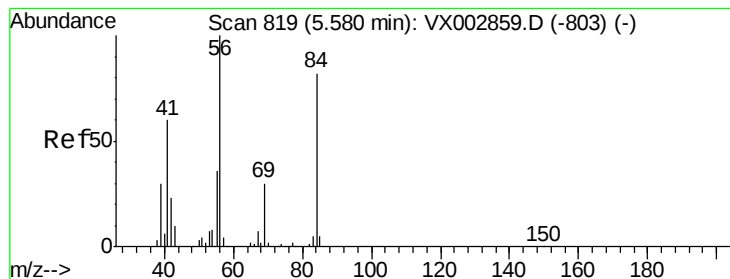
apatel
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#30
Chloroform
Concen: 50.48 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.4	75.6





#31

Cyclohexane

Concen: 49.77 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

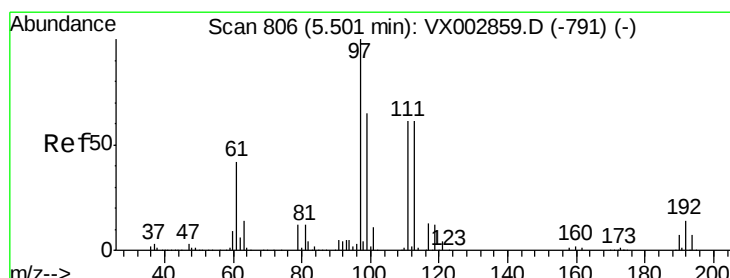
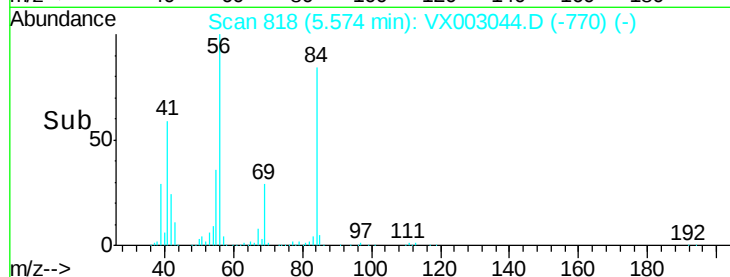
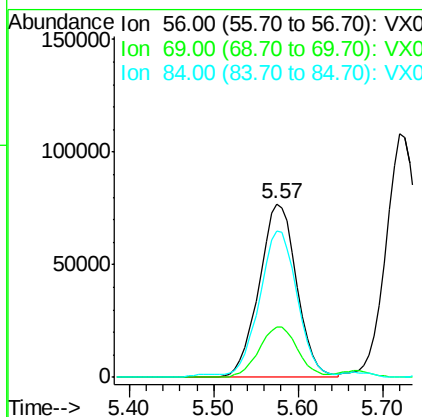
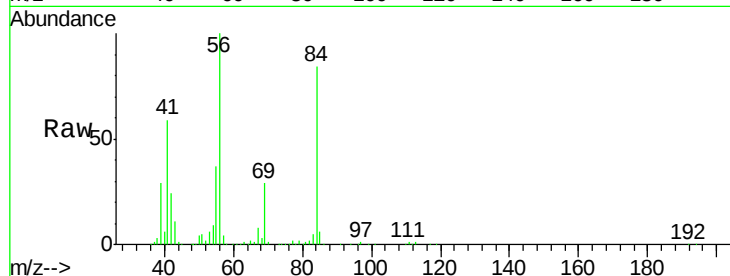
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	236780
Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.7	35.5
84	83.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.98 ug/l

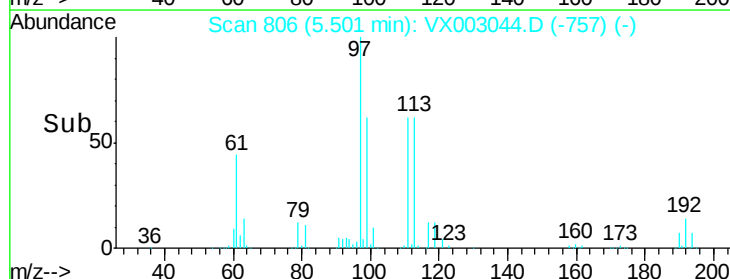
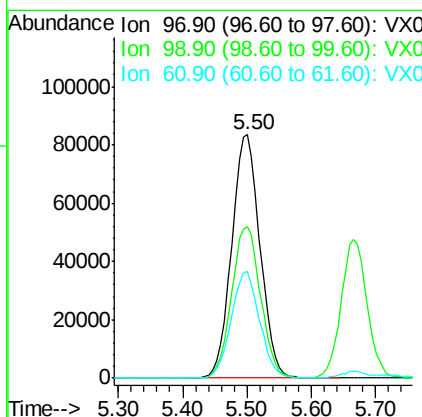
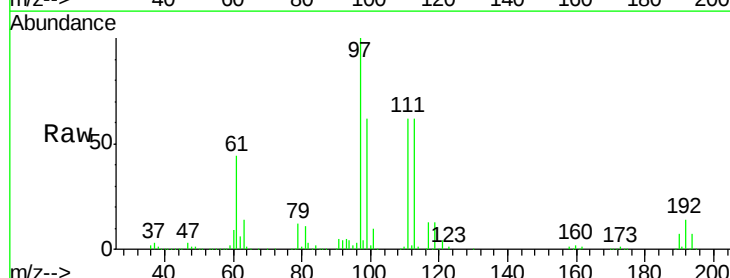
RT: 5.50 min Scan# 806

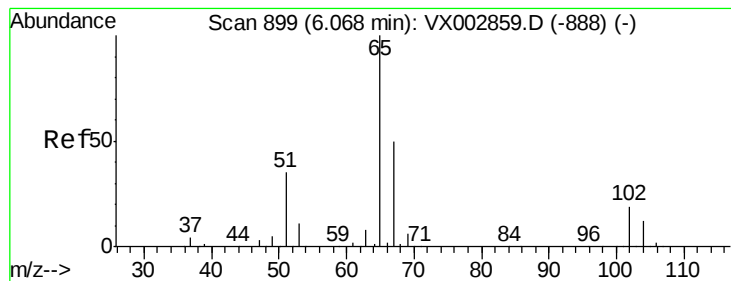
Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	97	Resp:	255162
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	44.3	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 49.35 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tot Ion: 65 Resp: 187204

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6

Instrument :

MSVOA_X

ClientSampled :

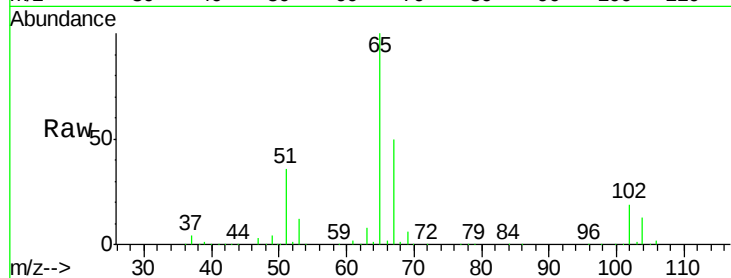
VSTDCCC050

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

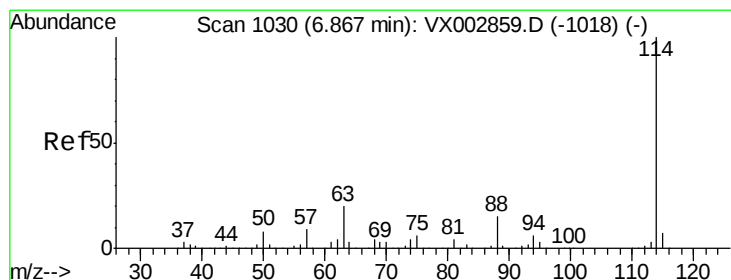
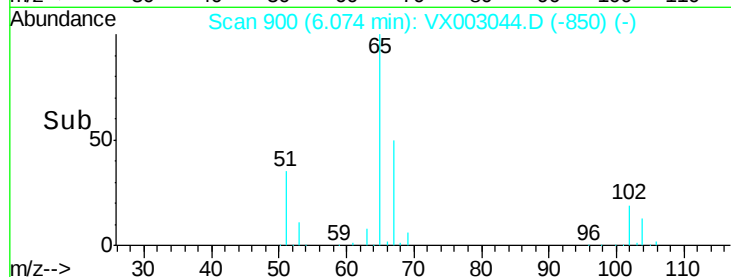
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

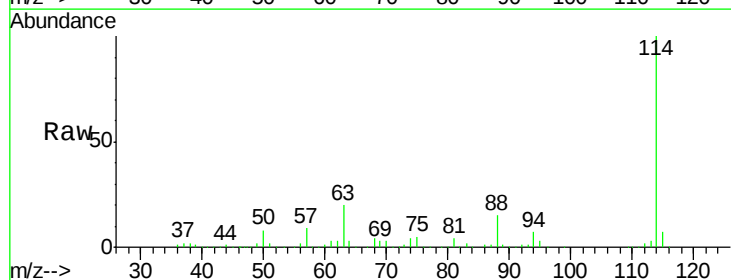
Tgt Ion: 114 Resp: 374170

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

88 15.1 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

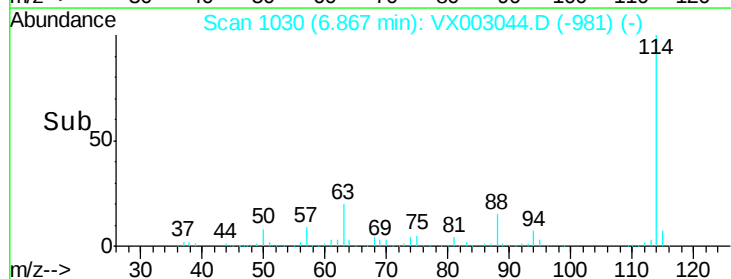
150000

100000

50000

0

Time-->





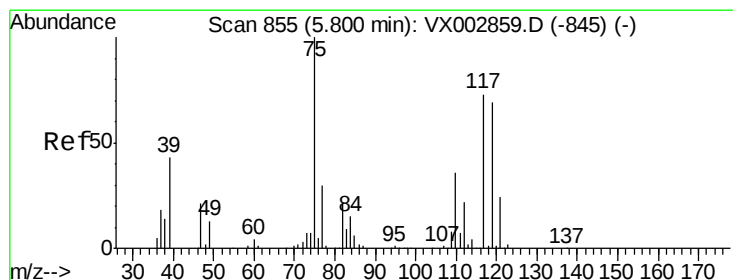
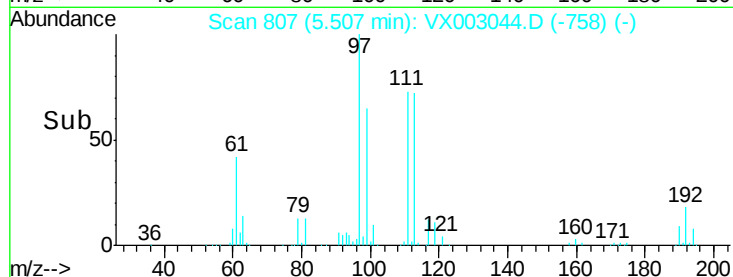
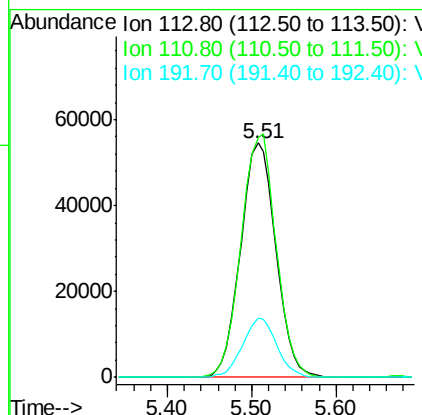
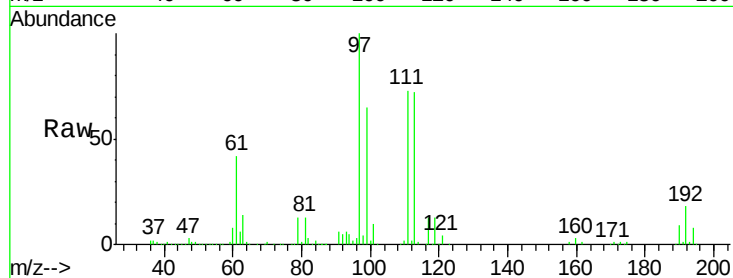
#35
 Dibromofluoromethane
 Concen: 52.25 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154819		
111	103.1	81.4	122.0	
192	24.5	19.1	28.7	

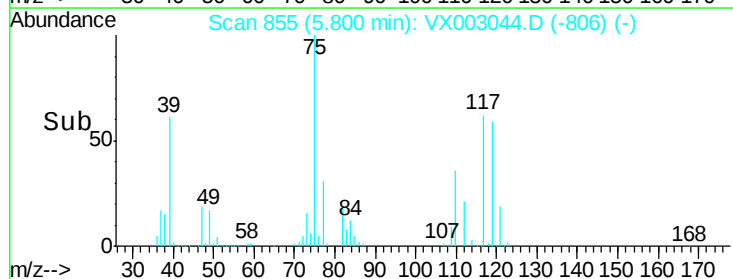
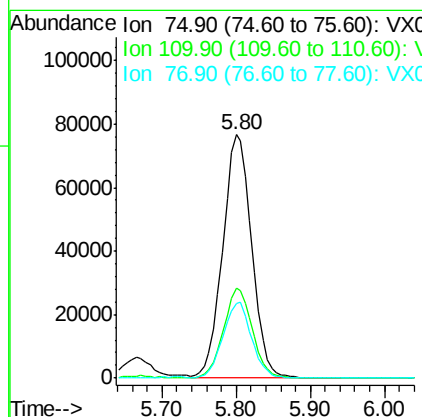
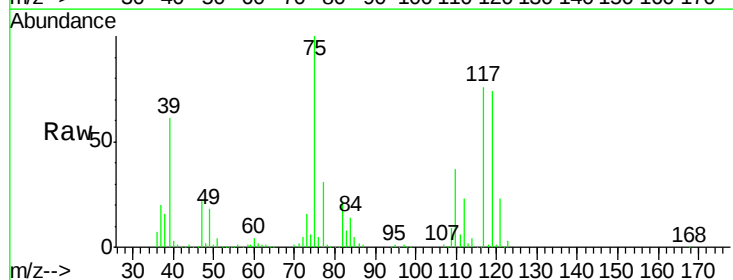
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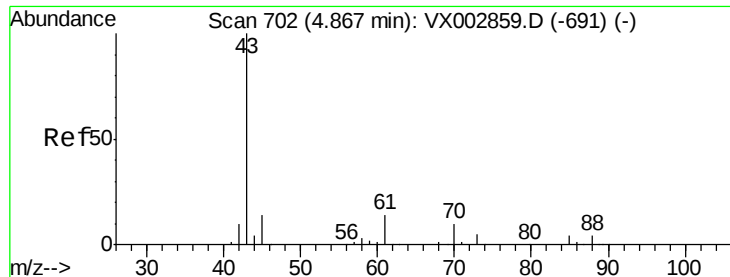
apatel
 7/2/2018 4:15:33 PM



#36
 1,1-Dichloropropene
 Concen: 50.36 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206642		
110	37.1	18.1	54.4	
77	30.4	24.3	36.5	





#37

Ethyl Acetate

Concen: 53.61 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

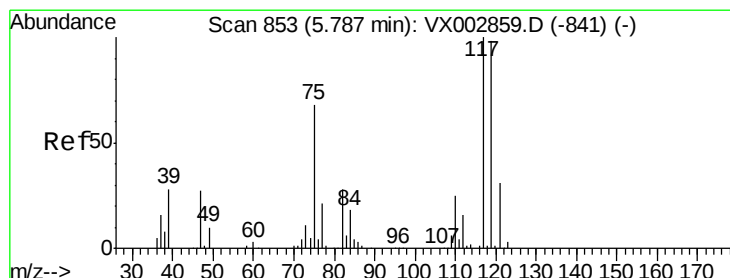
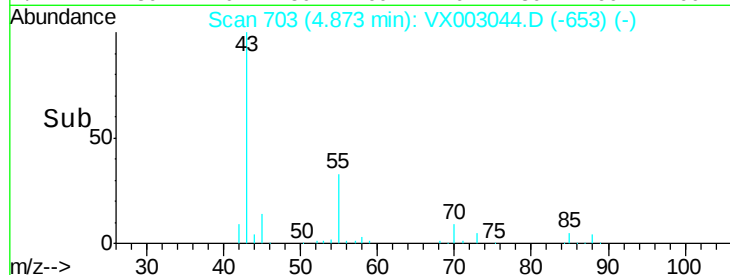
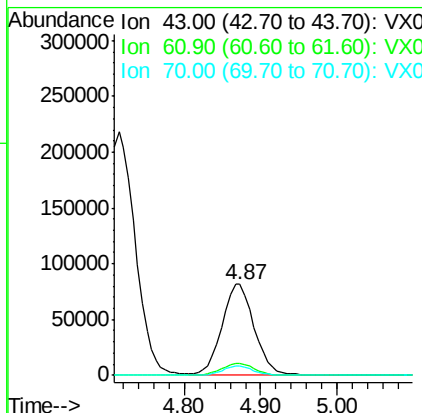
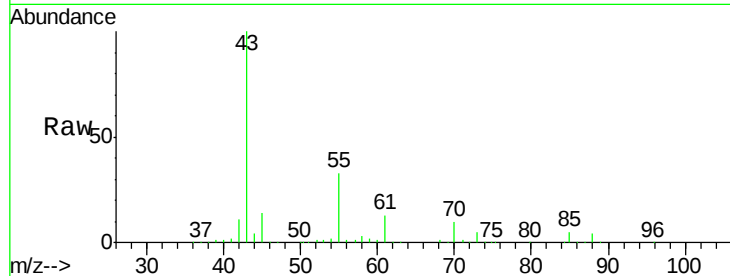
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	236866
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.0	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.10 ug/l

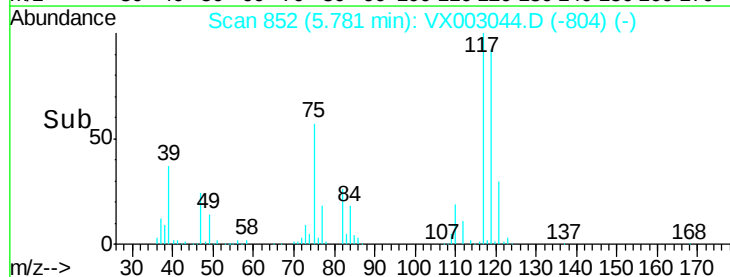
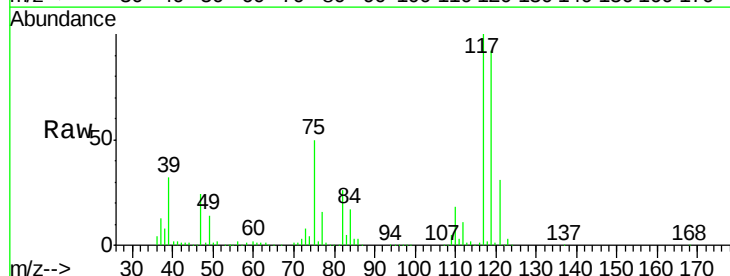
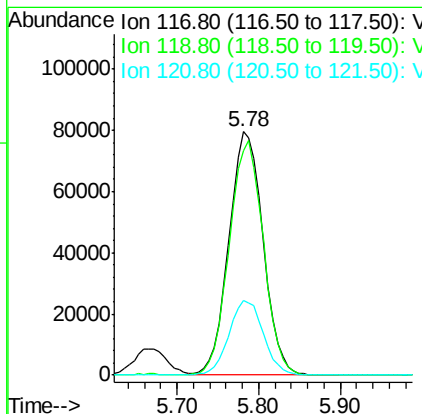
RT: 5.78 min Scan# 852

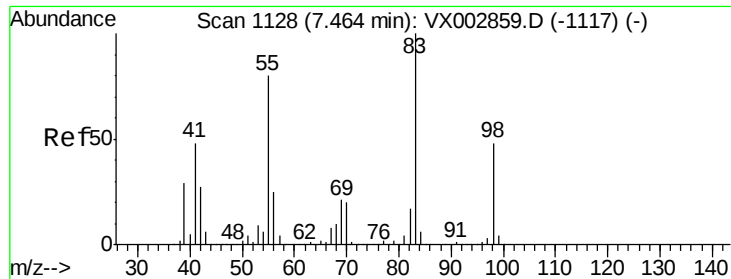
Delta R.T. -0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	117	Resp:	230104
Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.4	116.0
121	30.5	24.4	36.6





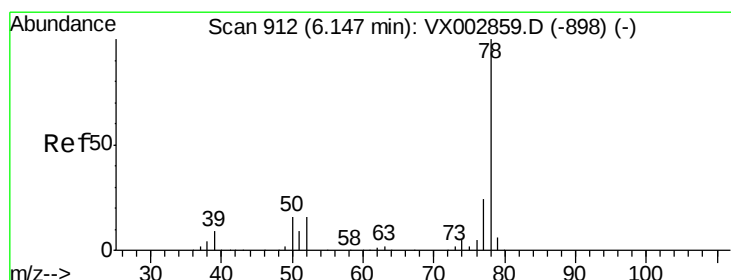
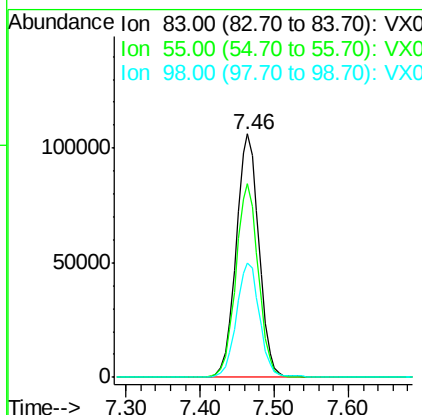
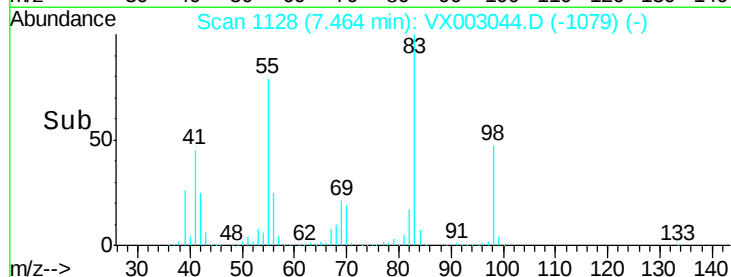
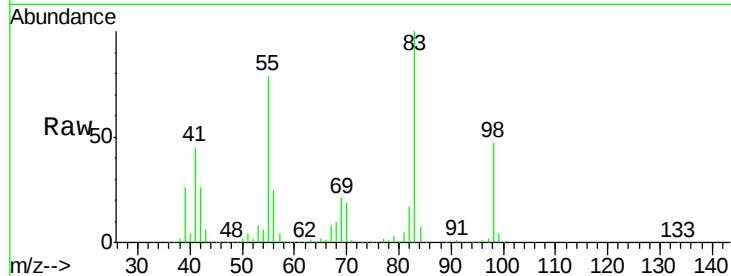
#39
Methvlcvclohexane
Concen: 47.54 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227222		
55	79.2		65.4	98.0
98	47.1		37.4	56.0

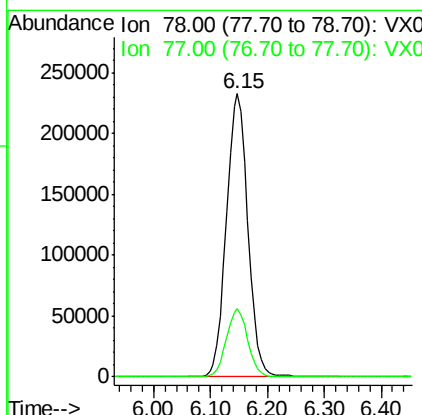
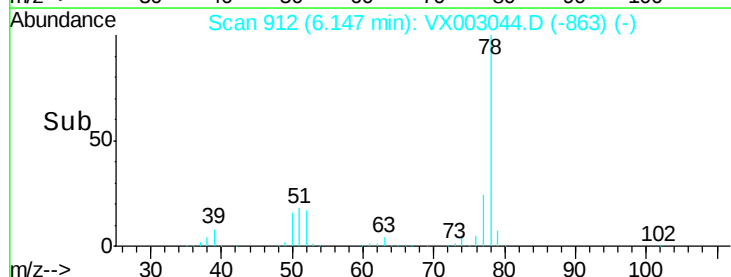
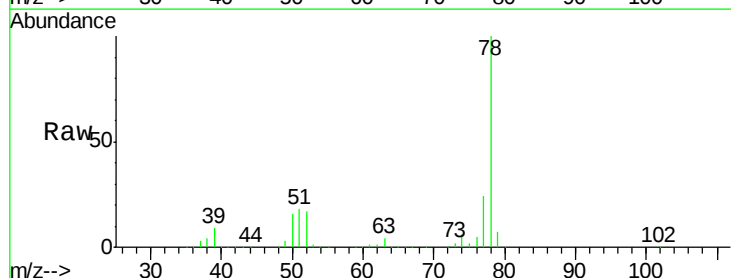
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#40
Benzene
Concen: 51.31 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	611784		
77	24.0		19.1	28.7





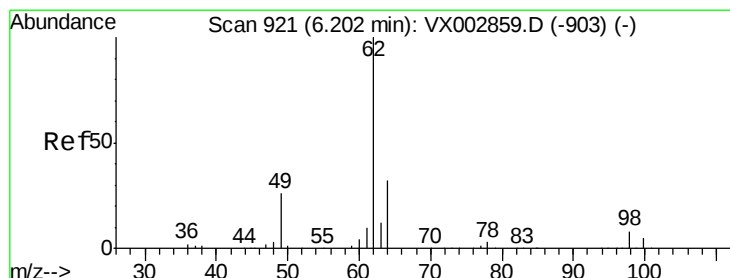
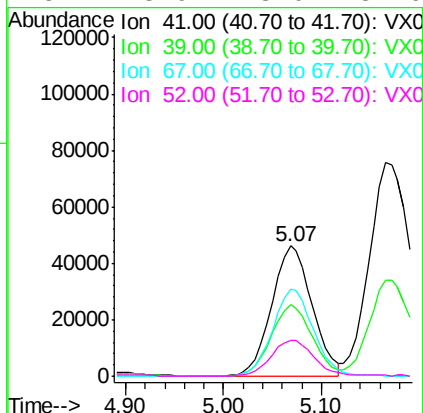
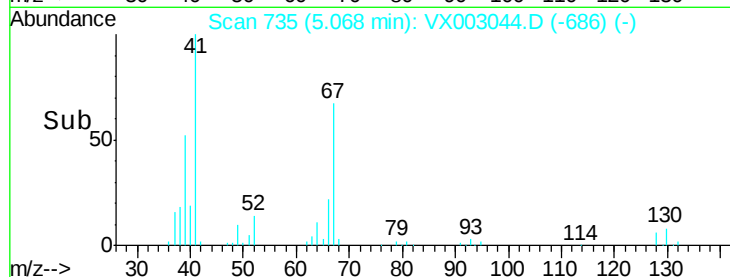
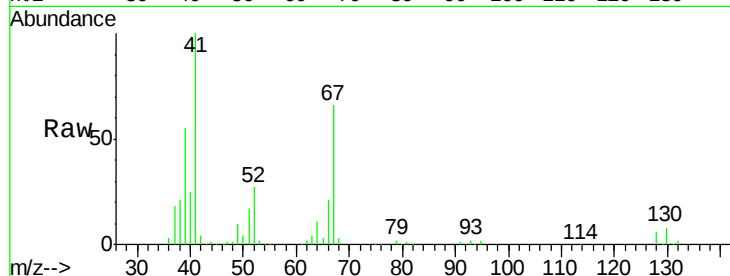
#41
Methacrylonitrile
Concen: 52.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	67.5	51.3	76.9
52	28.9	23.0	34.6

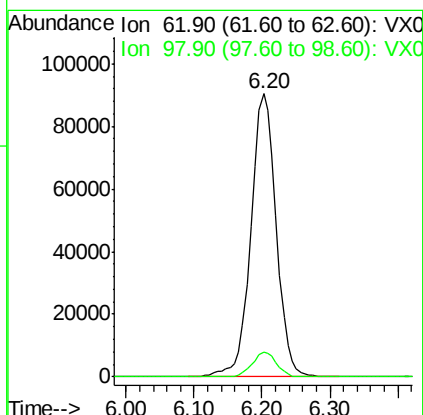
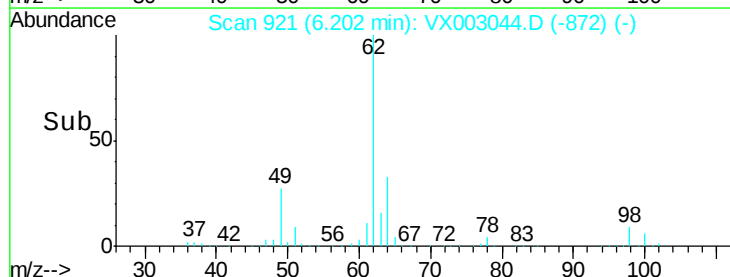
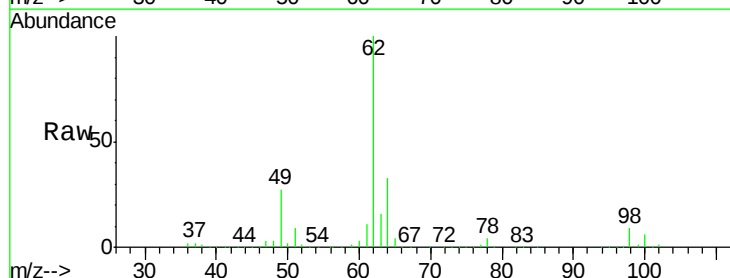
Manual Integrations
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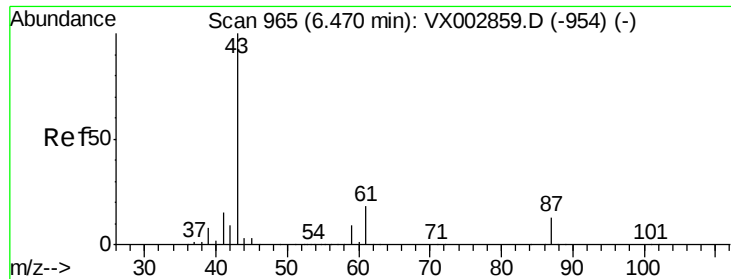
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#42
1,2-Dichloroethane
Concen: 48.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

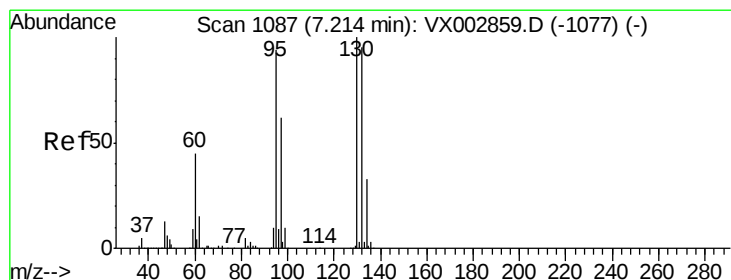
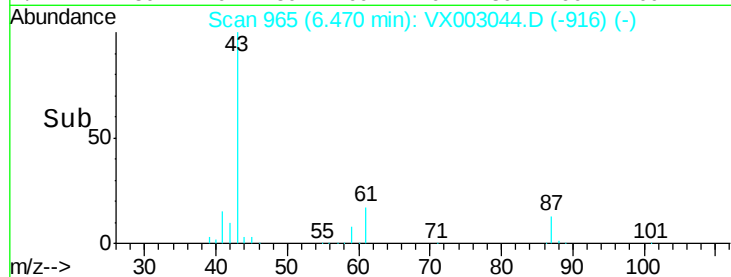
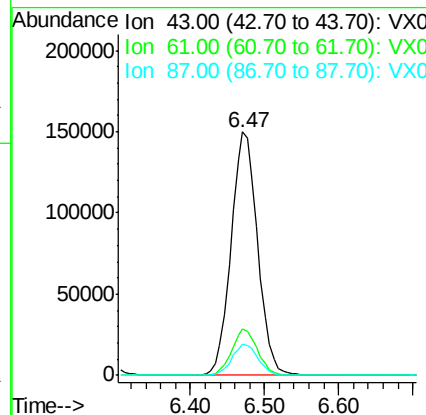
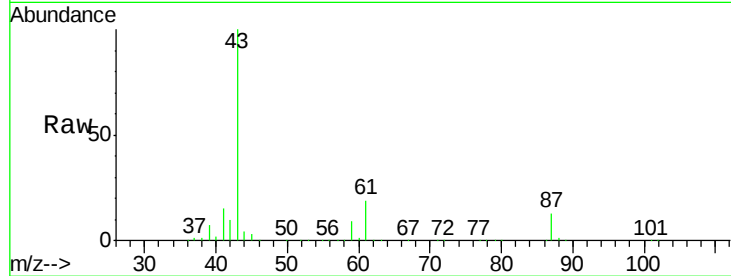
Isopropyl Acetate
 Concen: 50.05 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

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

Manual Integrations
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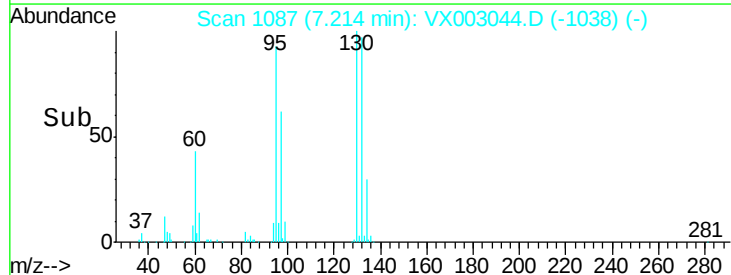
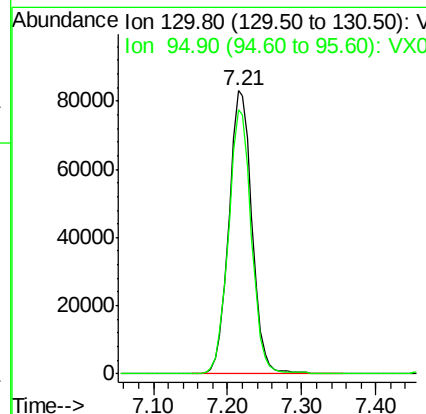
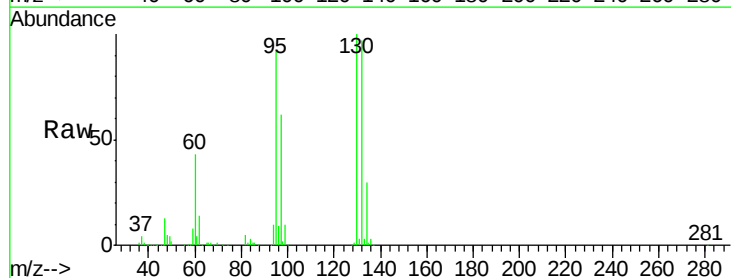
apatel
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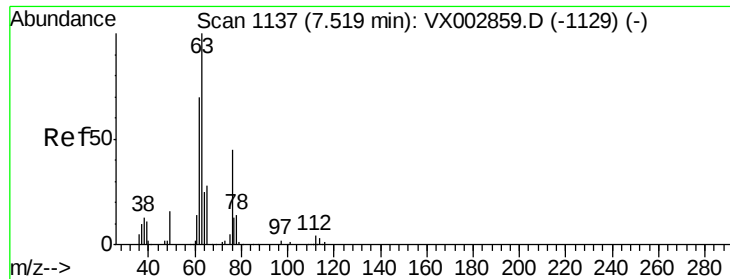


#44

Trichloroethene
 Concen: 50.71 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 51.13 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 161692

Ion Ratio Lower Upper

63 100

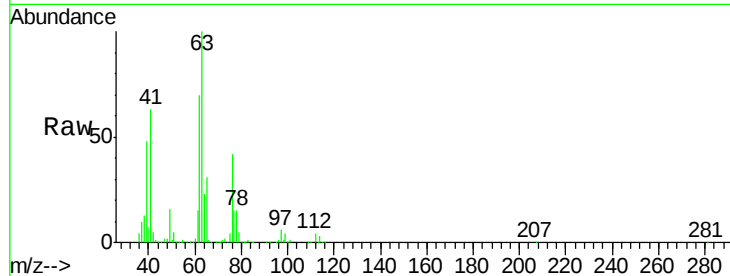
65 30.5 24.7 37.1

Manual Integrations

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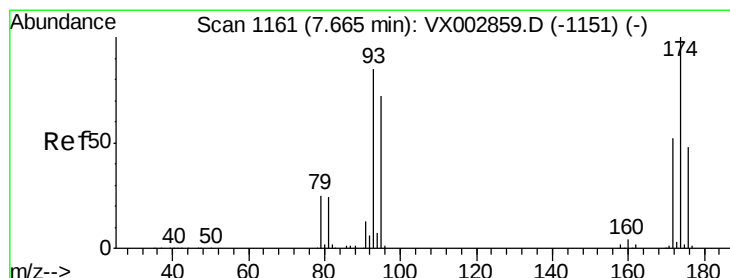
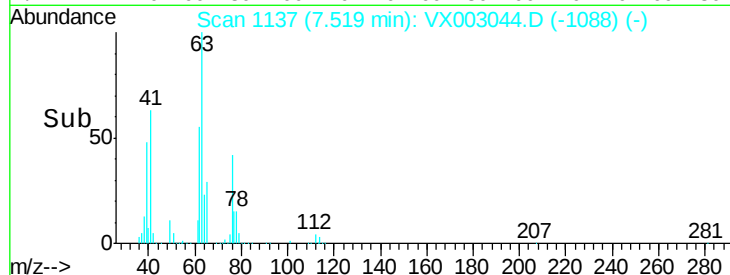
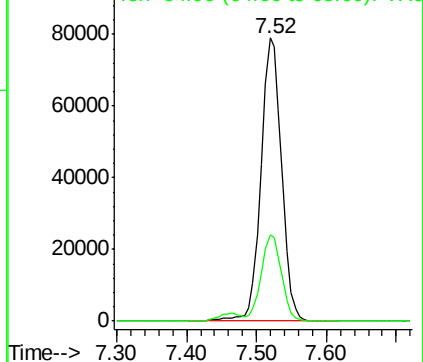
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.27 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

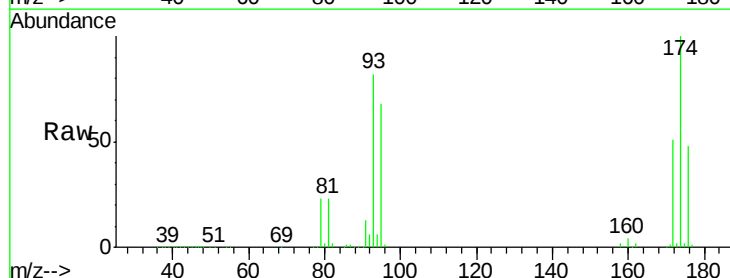
Tgt Ion: 93 Resp: 110322

Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

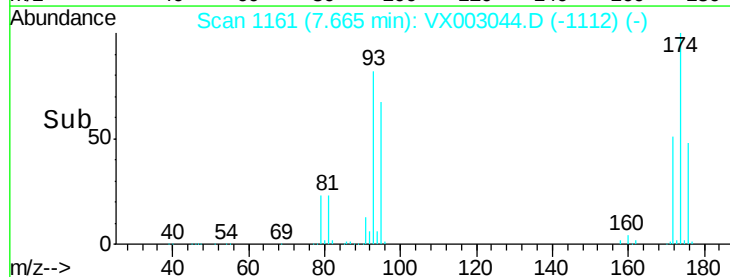
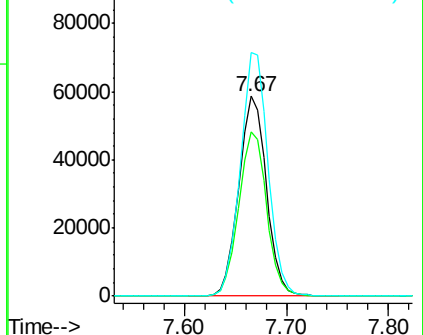
174 122.0 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.51 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

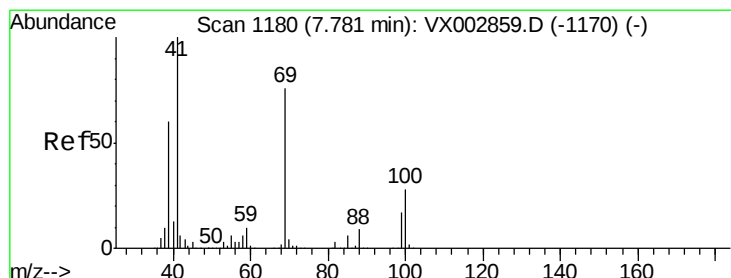
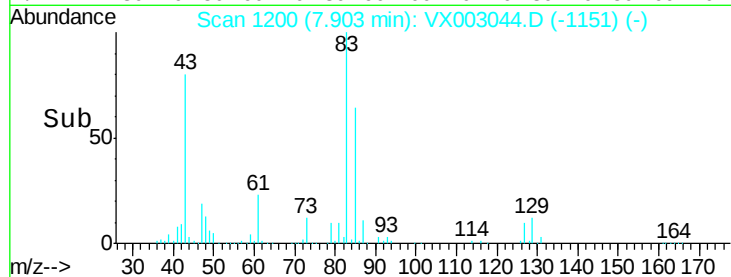
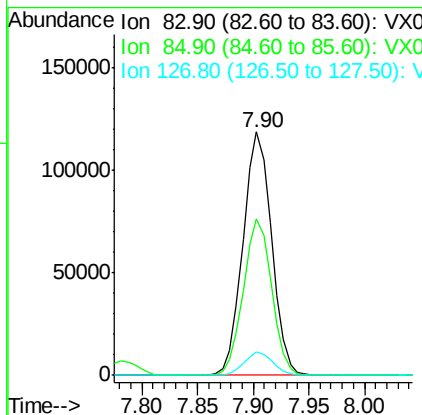
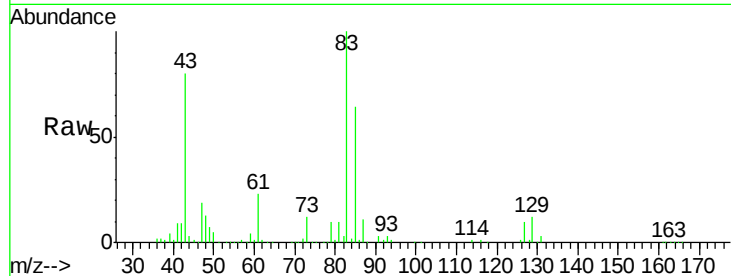
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	213070
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.3	75.5
127	9.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.40 ug/l

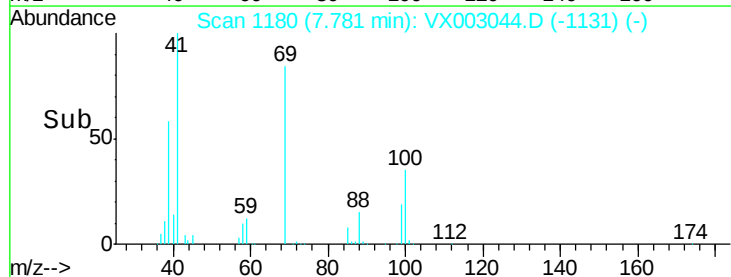
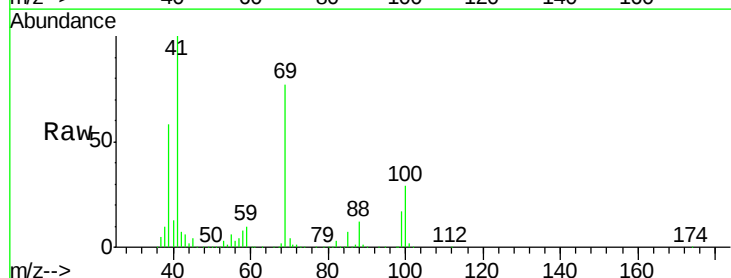
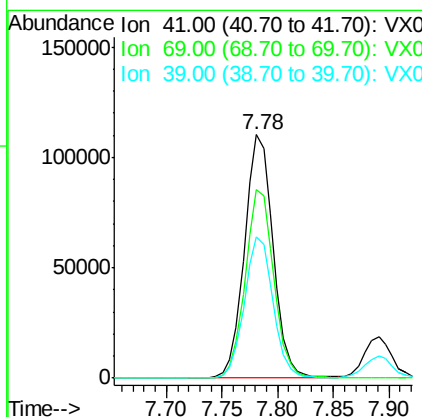
RT: 7.78 min Scan# 1180

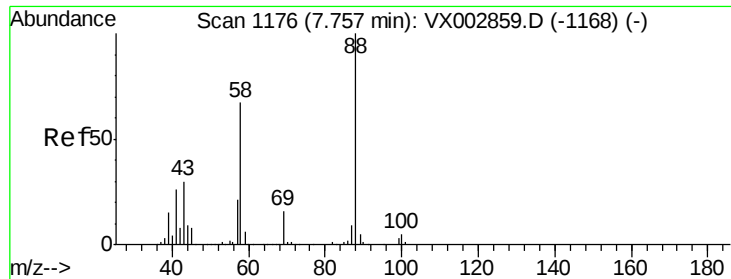
Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	41	Resp:	196230
Ion Ratio	Lower	Upper	
41	100		
69	77.7	59.1	88.7
39	58.0	48.9	73.3





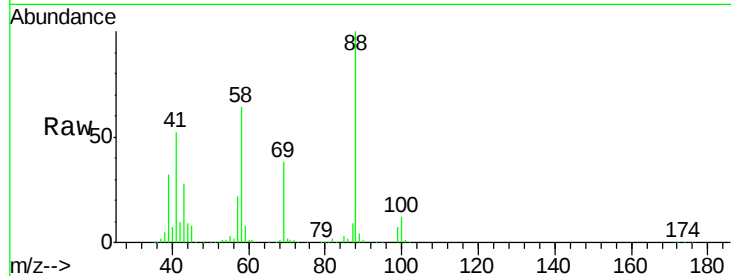
#49
1,4-Dioxane
Concen: 1079.15 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	70.6	57.1	85.7

Manual Integrations
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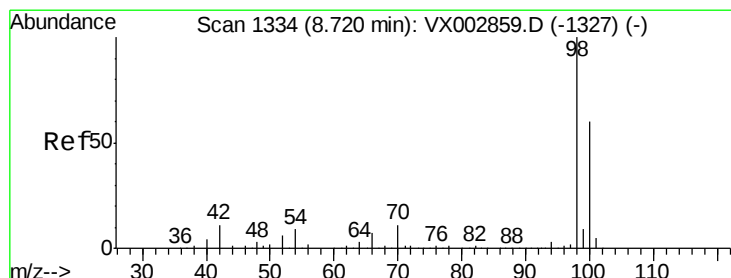
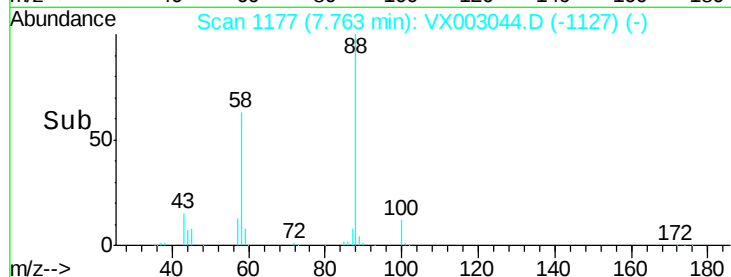
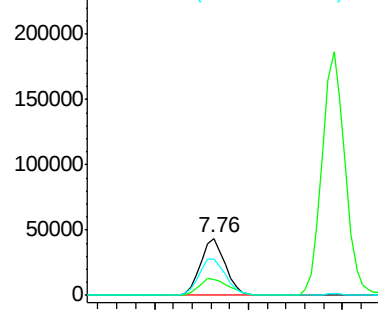


Abundance

Ion 88.00 (87.70 to 88.70): VX0

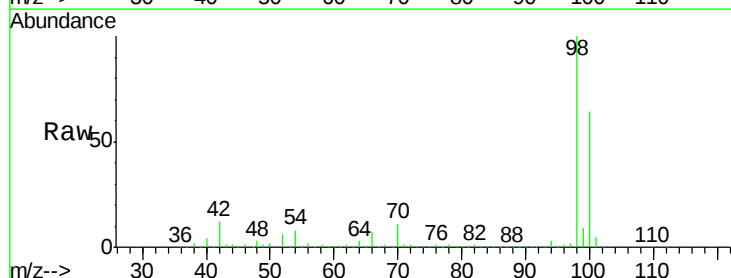
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.66 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

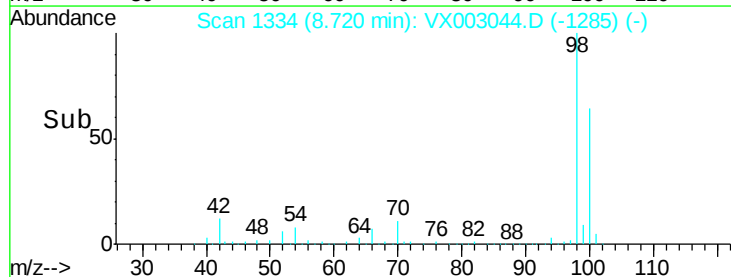
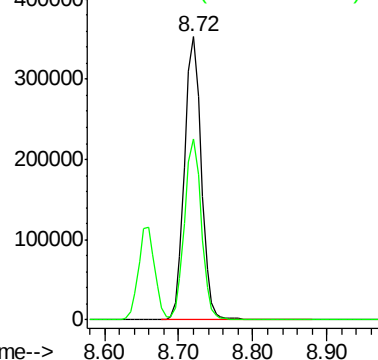
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

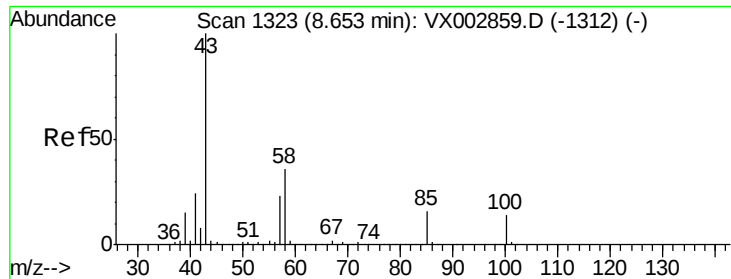


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





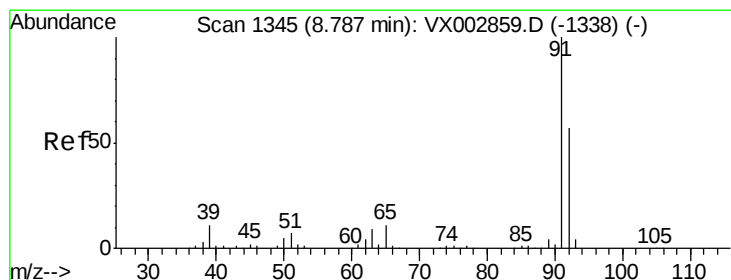
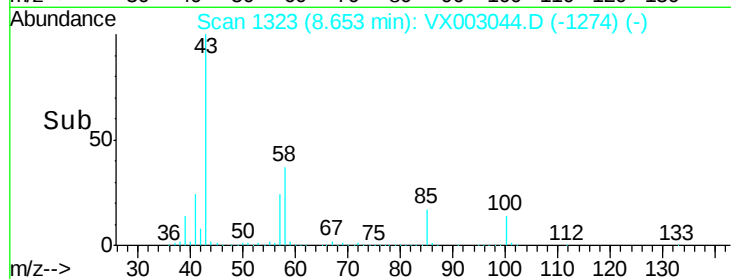
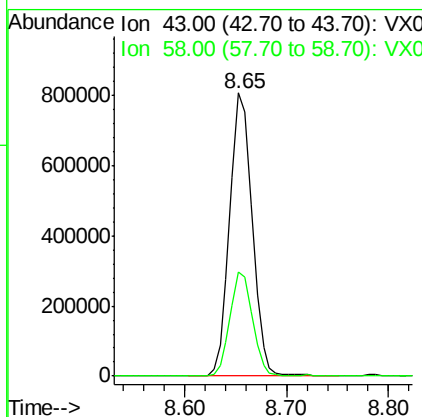
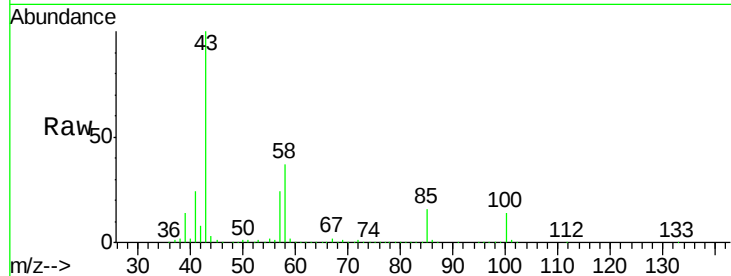
#51
4-Methyl-2-Pentanone
Concen: 266.34 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1234722
Ion Ratio Lower Upper
43 100
58 36.6 28.6 42.8

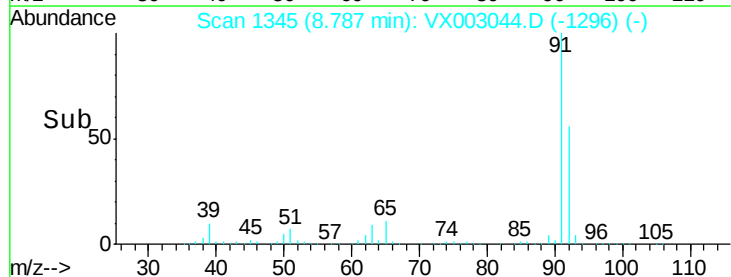
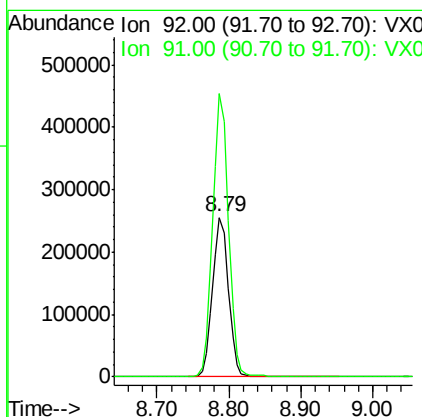
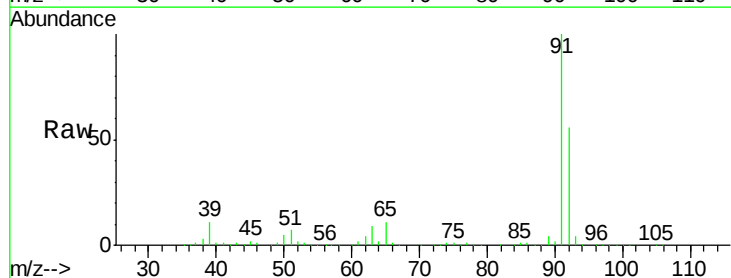
Manual Integrations
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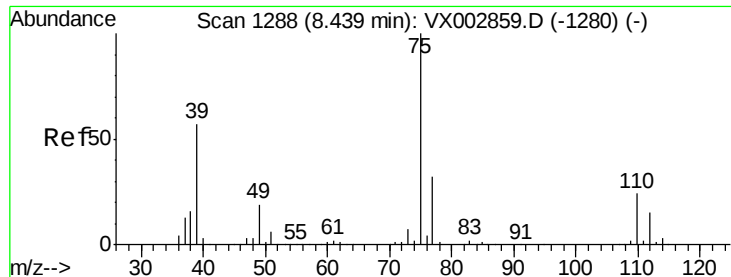
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#52
Toluene
Concen: 51.44 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion: 92 Resp: 392869
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6





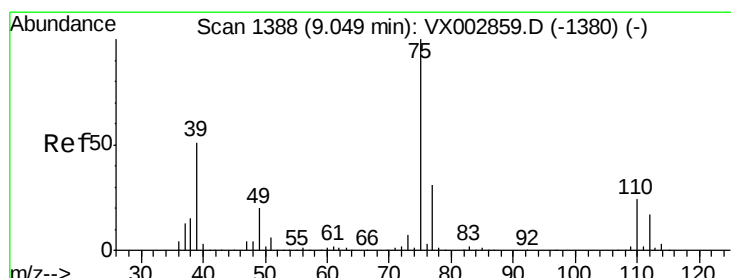
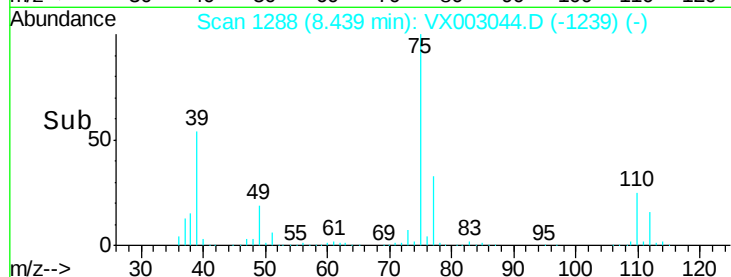
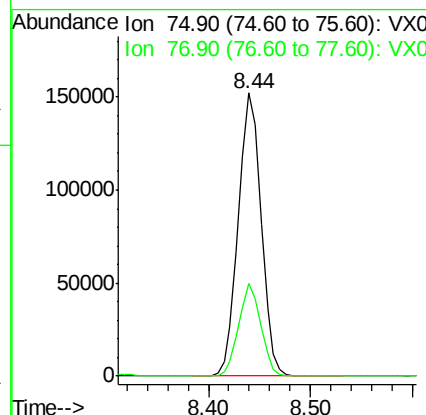
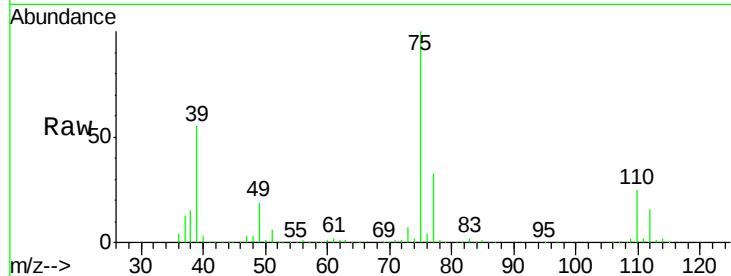
#53
t-1,3-Dichloropropene
Concen: 51.10 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 234810
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

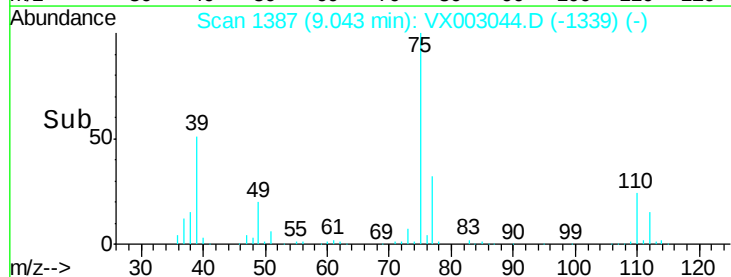
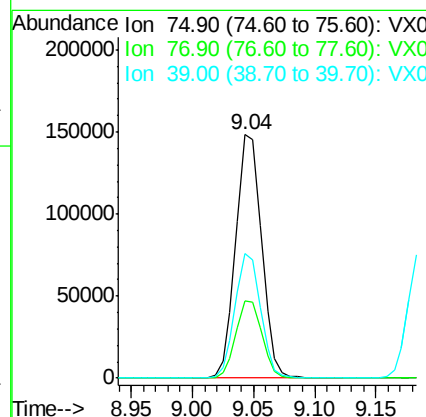
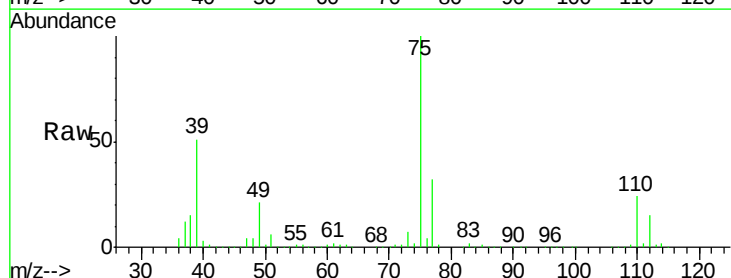
Manual Integrations
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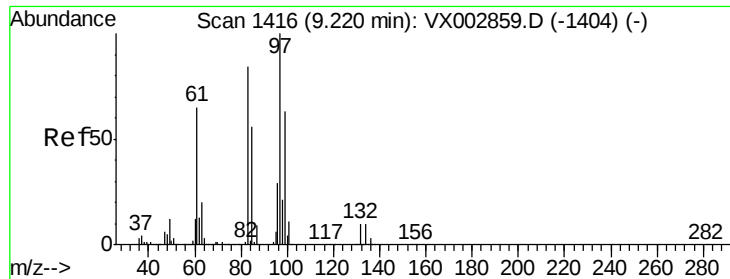
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#54
cis-1,3-Dichloropropene
Concen: 49.17 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion: 75 Resp: 217415
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 51.2 42.4 63.6





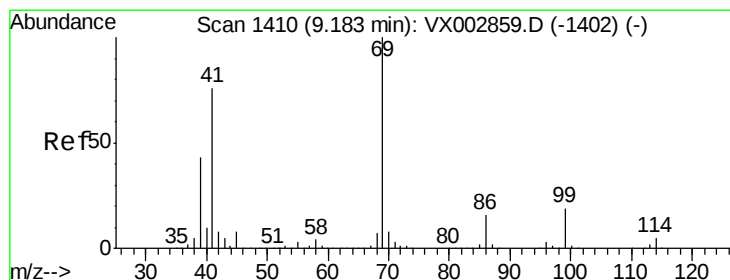
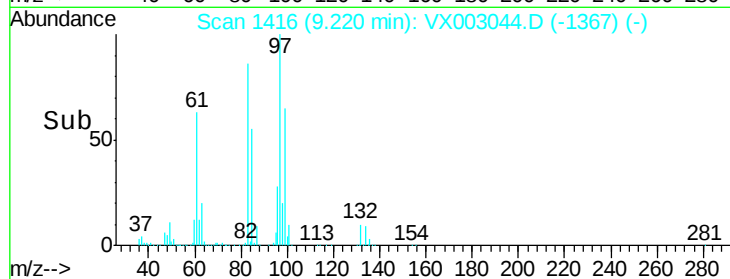
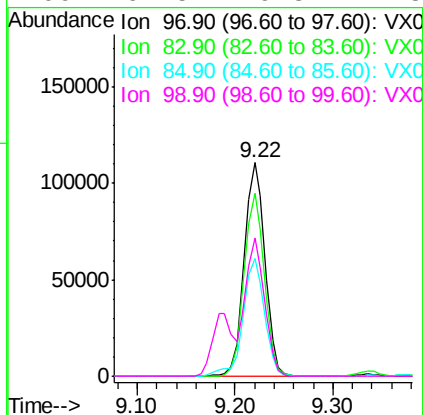
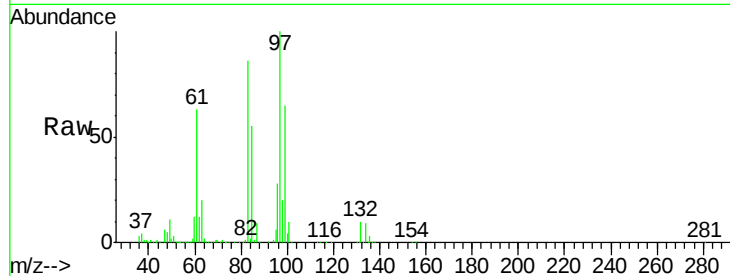
#55
 1,1,2-Trichloroethane
 Concen: 51.88 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	162814
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.2
85	54.9	44.9	67.3
99	64.5	49.8	74.8

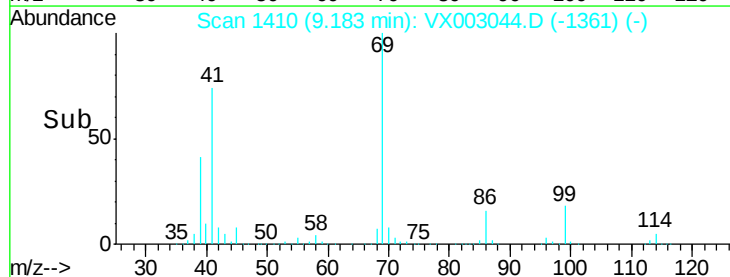
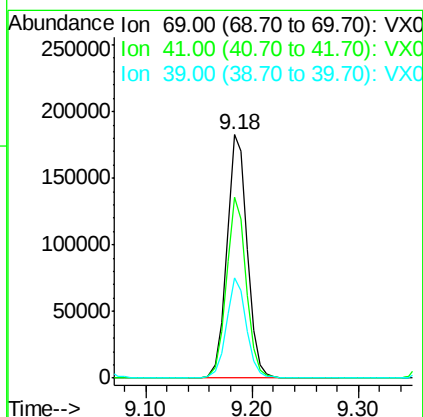
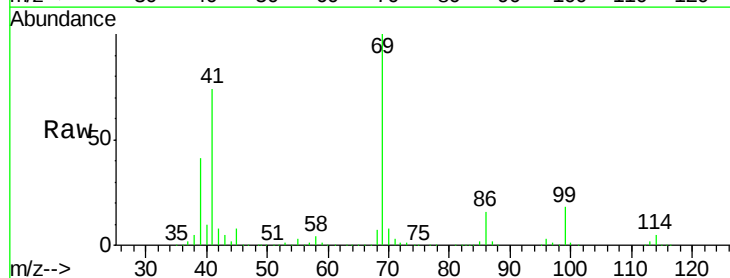
Manual Integrations
 APPROVED

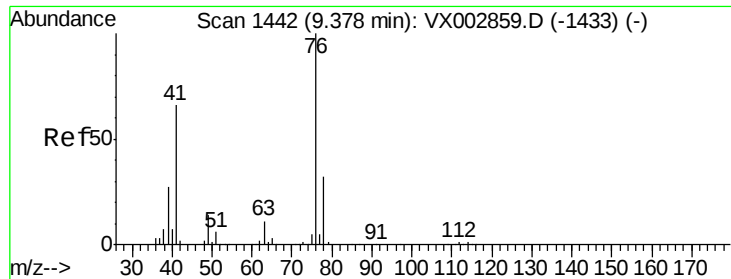
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#56
 Ethyl methacrylate
 Concen: 53.29 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion:	69	Resp:	244437
Ion	Ratio	Lower	Upper
69	100		
41	72.1	60.3	90.5
39	39.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.29 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 264362

Ion Ratio Lower Upper

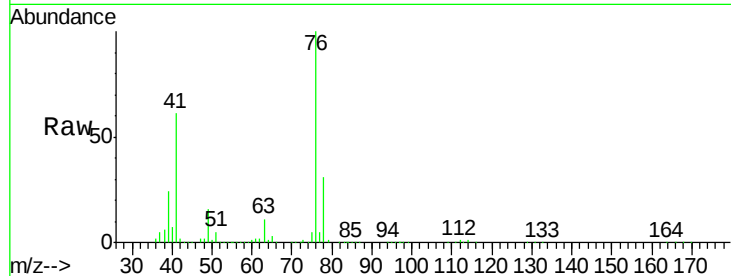
76 100

78 32.2 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

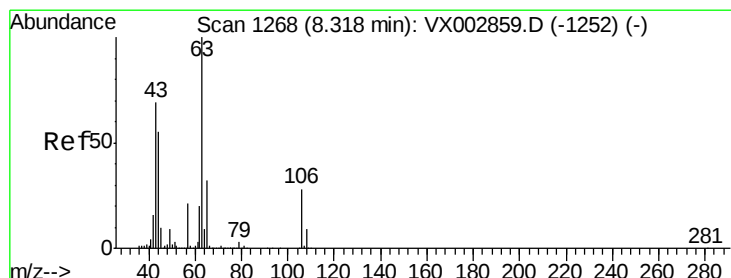
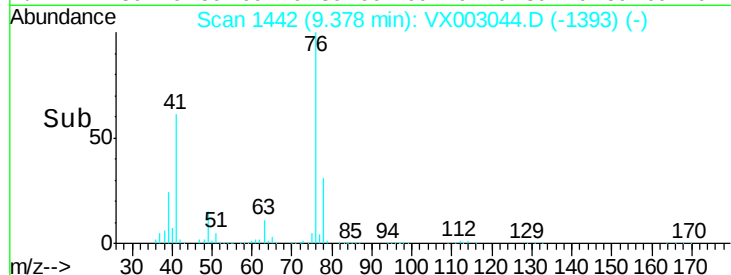
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 262.45 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003044.D

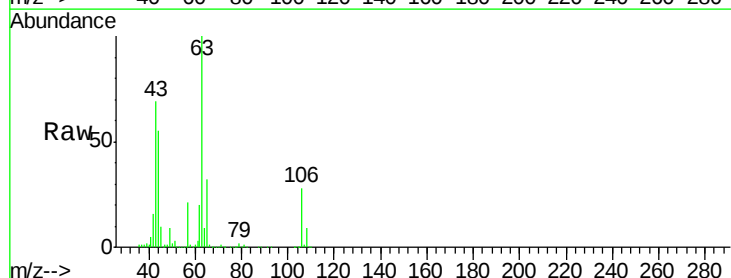
Acq: 29 Jun 2018 22:30

Tgt Ion: 63 Resp: 580760

Ion Ratio Lower Upper

63 100

106 28.5 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

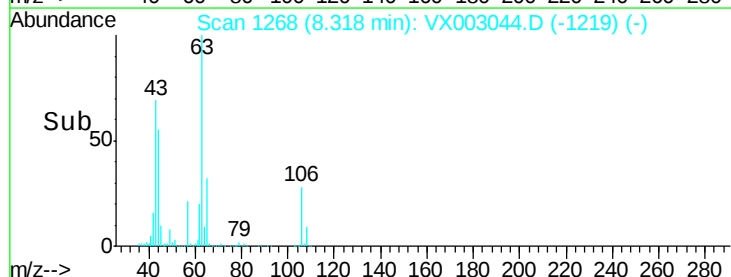
300000

200000

100000

0

Time-->





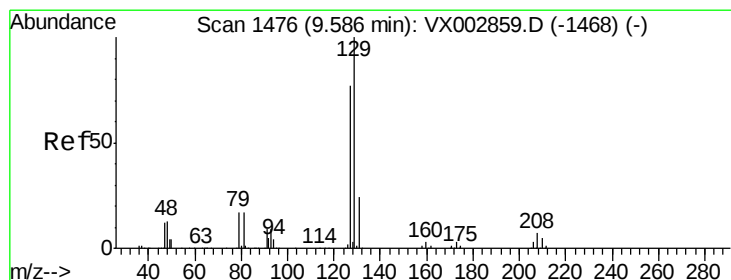
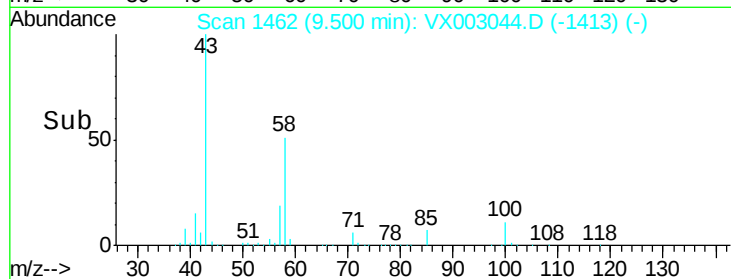
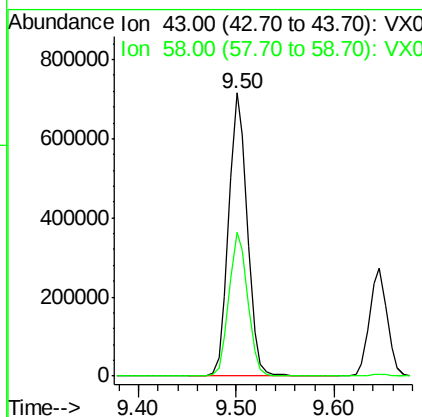
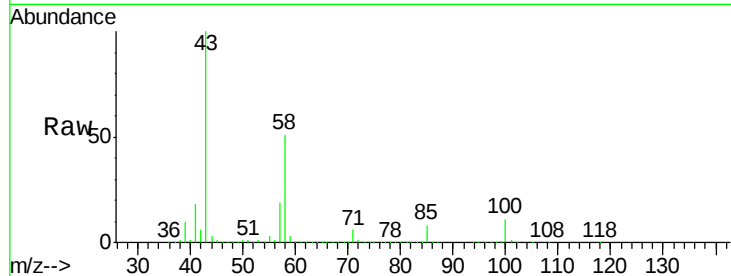
#59
2-Hexanone
Concen: 268.12 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.3	24.6	73.6

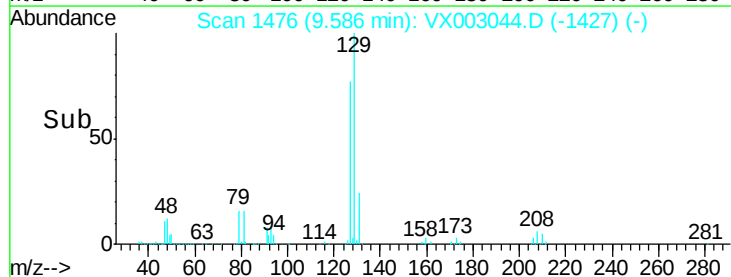
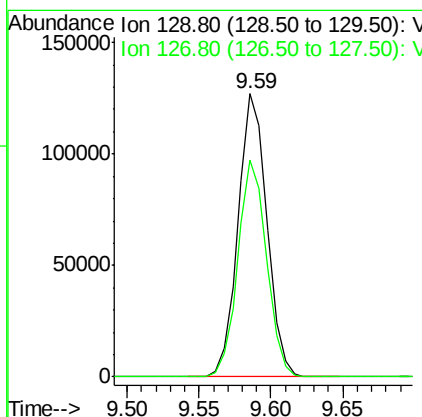
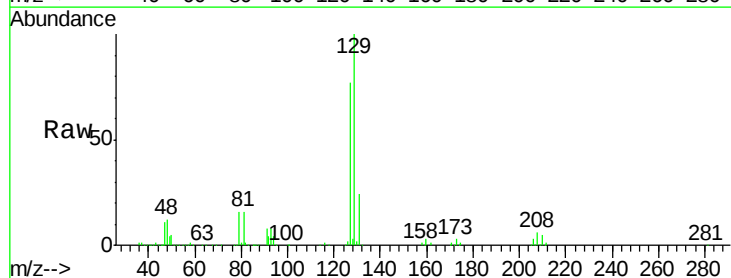
Manual Integrations
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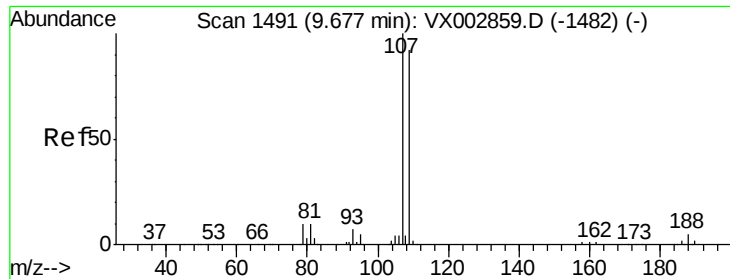
apatel
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#60
Dibromochloromethane
Concen: 53.41 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.5	115.3





#61

1,2-Dibromoethane

Concen: 52.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 171822

Ion Ratio Lower Upper

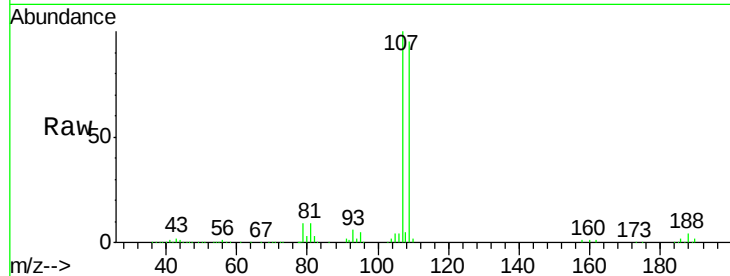
107 100

109 94.3 75.3 112.9

Manual Integrations
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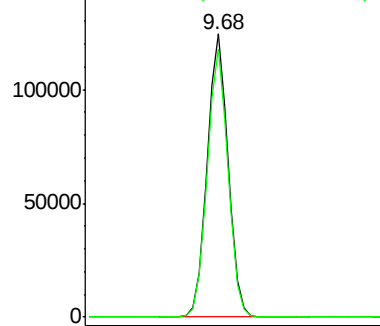
apatel

7/2/2018 4:15:33 PM

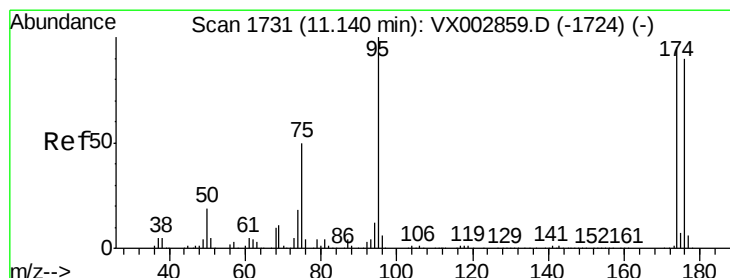
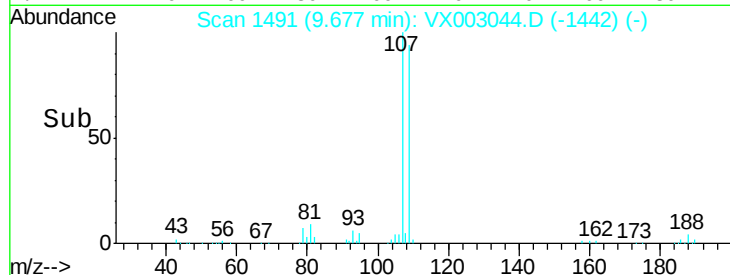


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

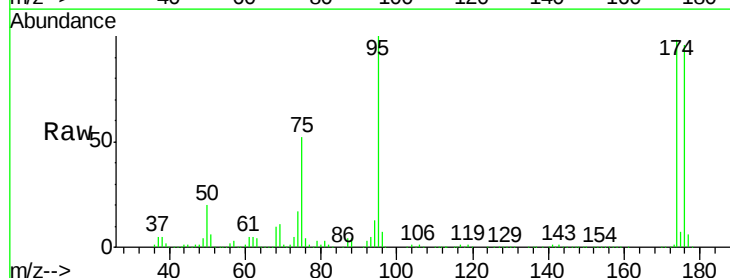
Tgt Ion: 95 Resp: 210774

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

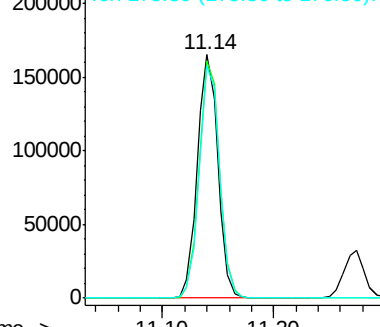
176 94.8 0.0 181.0



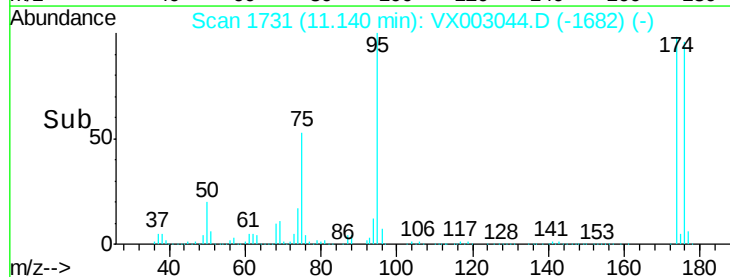
Abundance Ion 94.90 (94.60 to 95.60): VX0

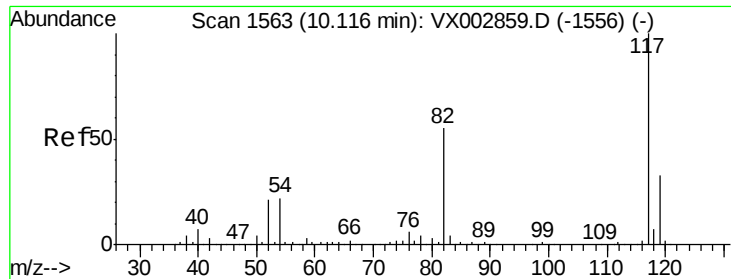
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





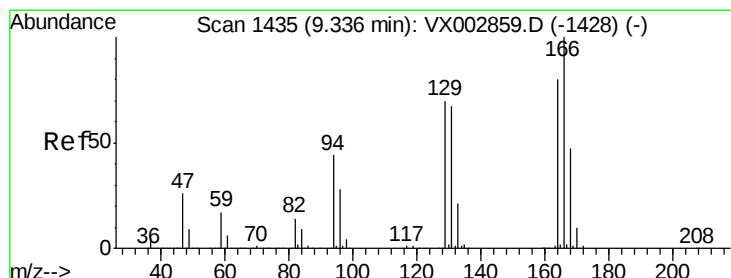
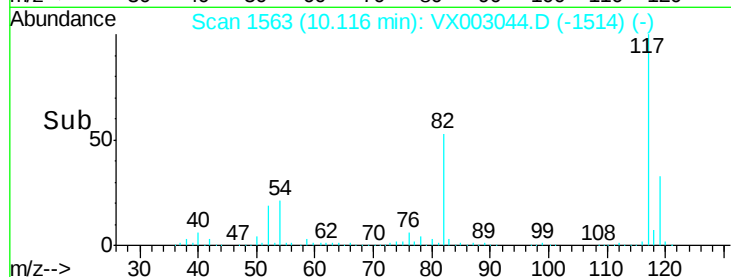
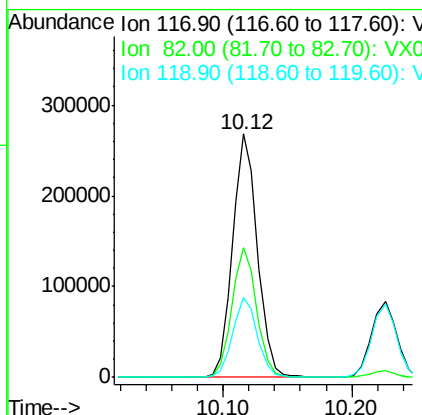
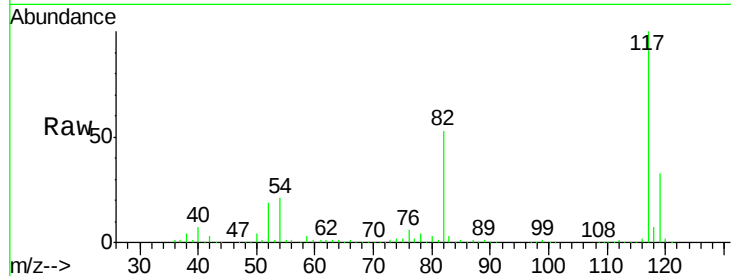
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	32.7	25.8	38.6

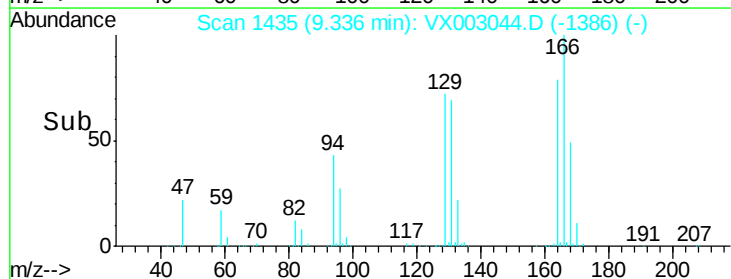
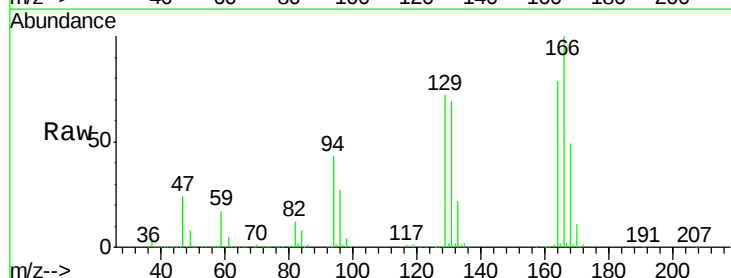
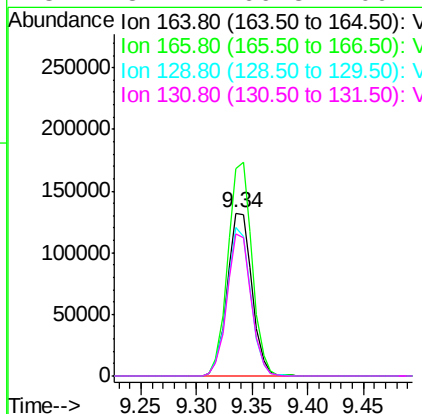
Manual Integrations
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#64
Tetrachloroethene
Concen: 50.29 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.9	154.3
129	91.4	68.6	102.8
131	87.1	66.8	100.2





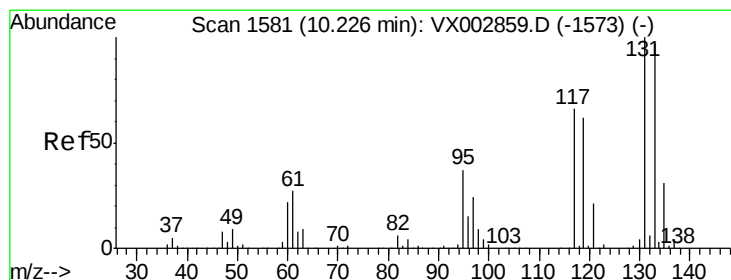
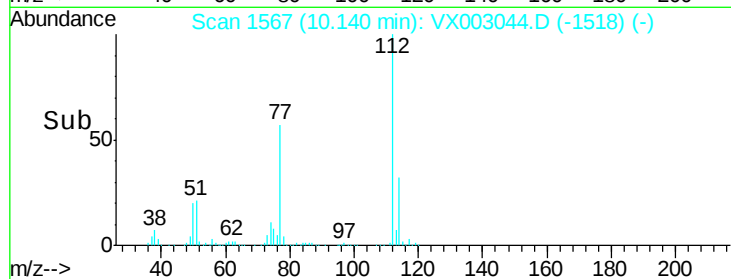
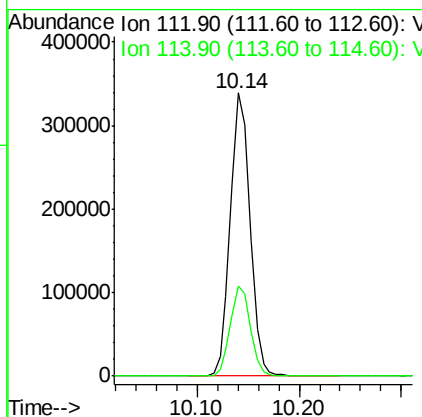
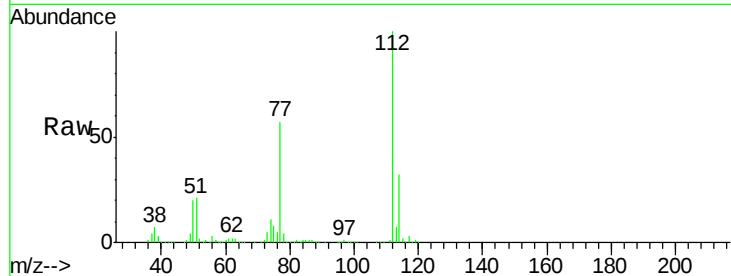
#65
Chlorobenzene
Concen: 49.50 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 452673
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

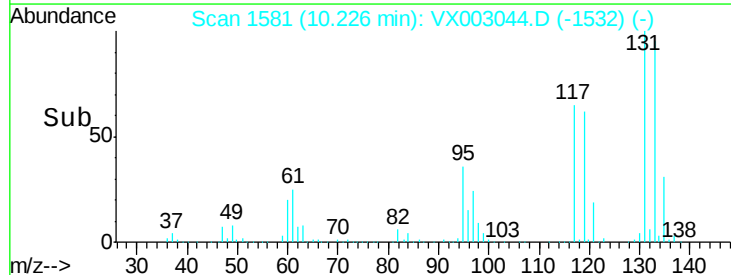
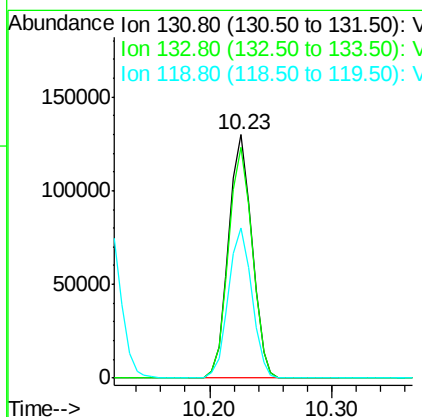
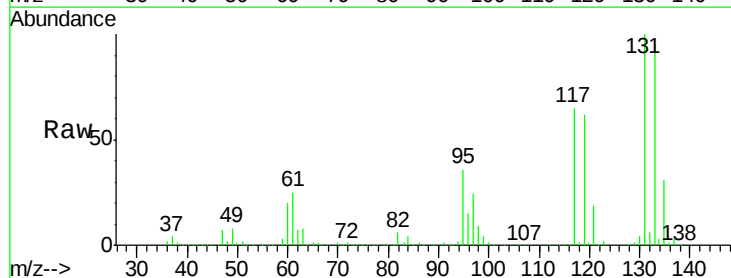
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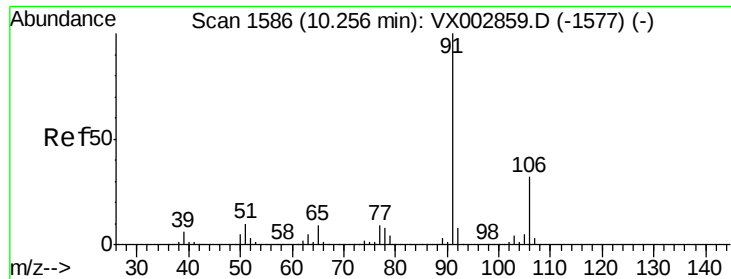
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.63 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion:131 Resp: 171508
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 62.0 31.8 95.3





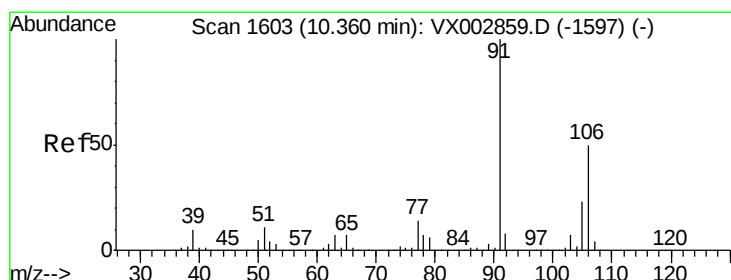
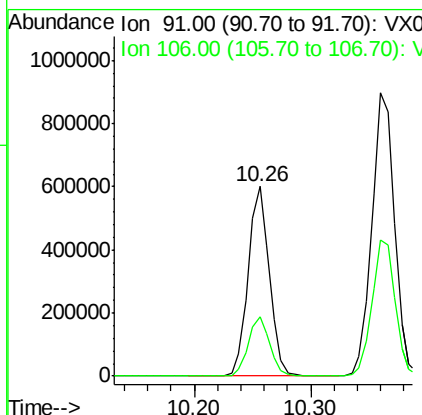
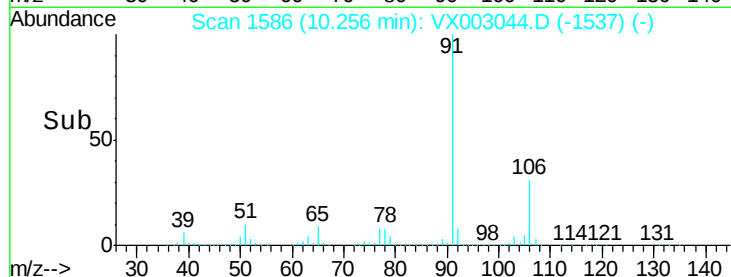
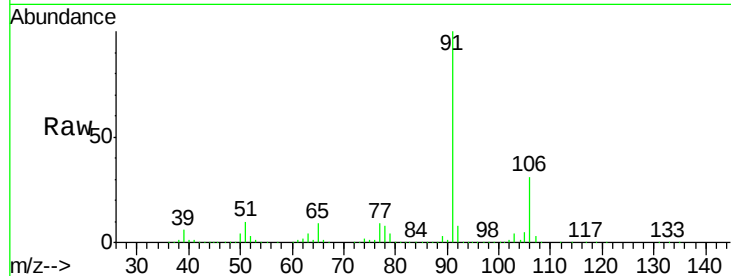
#67
Ethyl Benzene
Concen: 50.77 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 766886
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

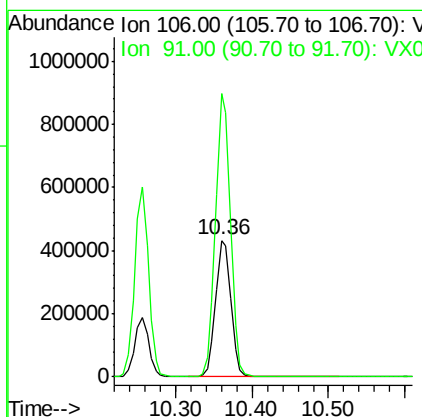
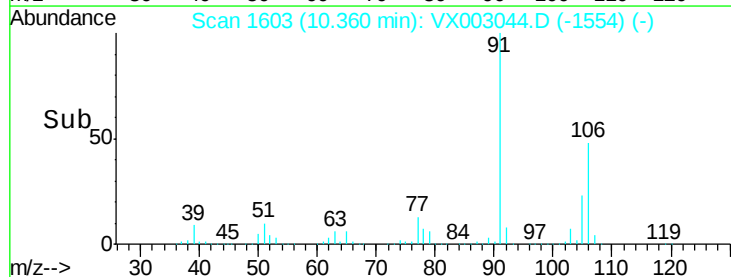
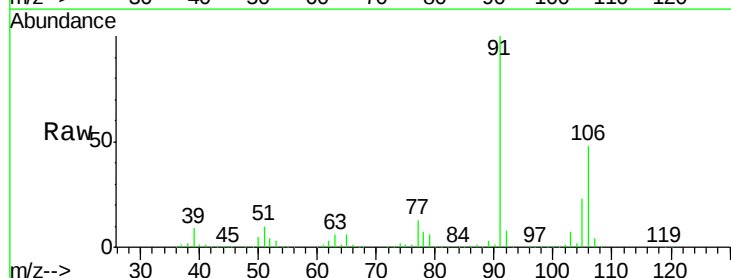
Manual Integrations
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#68
m/p-Xylenes
Concen: 102.99 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion: 106 Resp: 599577
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2





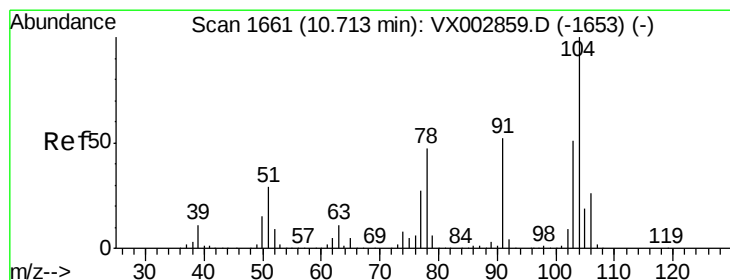
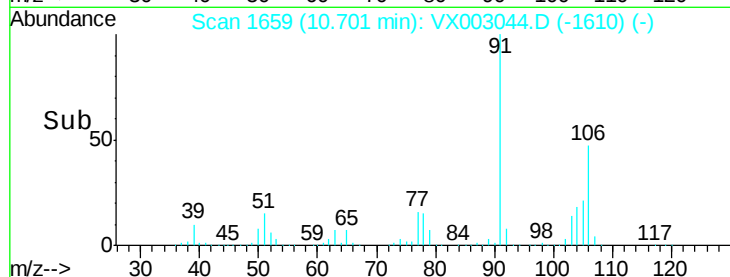
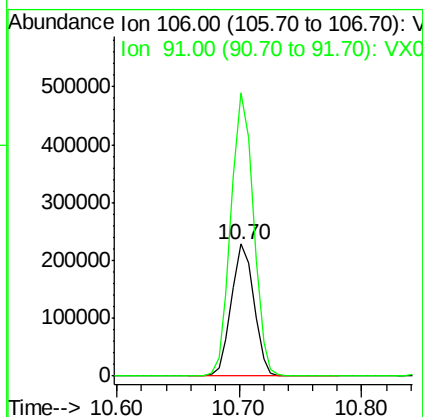
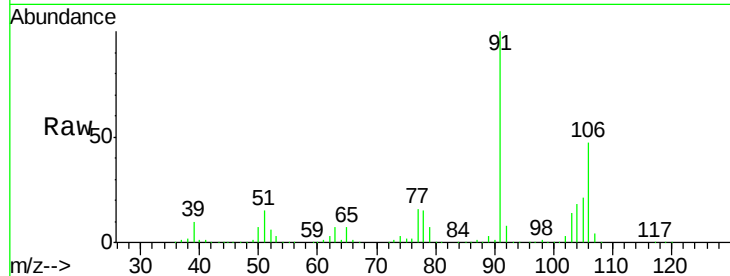
#69
o-Xylene
Concen: 51.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 291083
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6

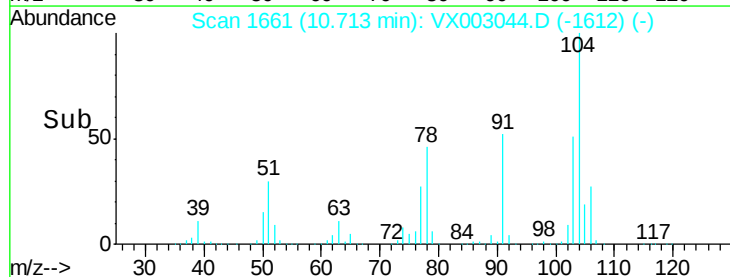
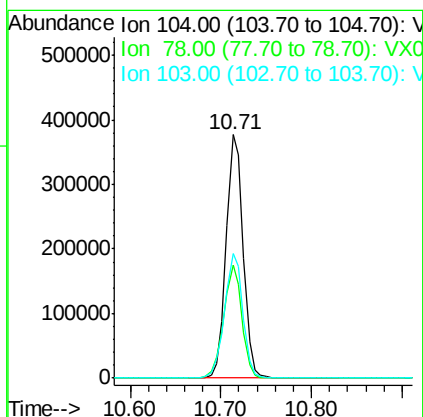
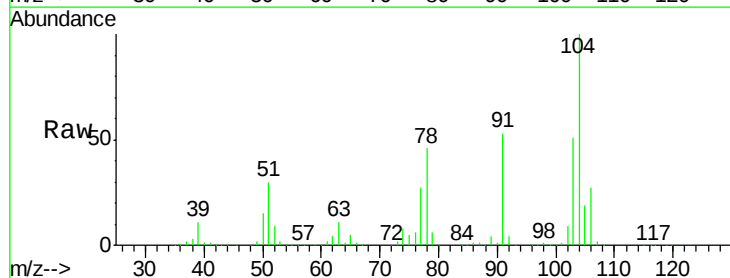
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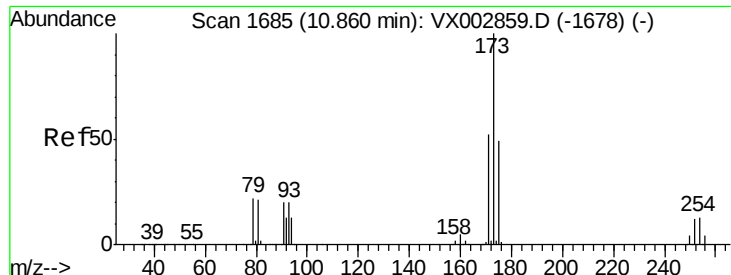
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#70
Styrene
Concen: 53.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion:104 Resp: 490229
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.1 44.2 66.4





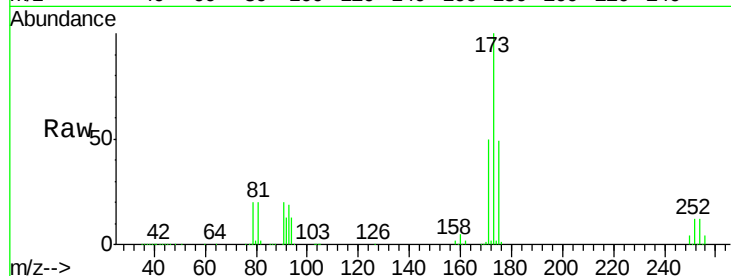
#71
Bromoform
Concen: 46.76 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

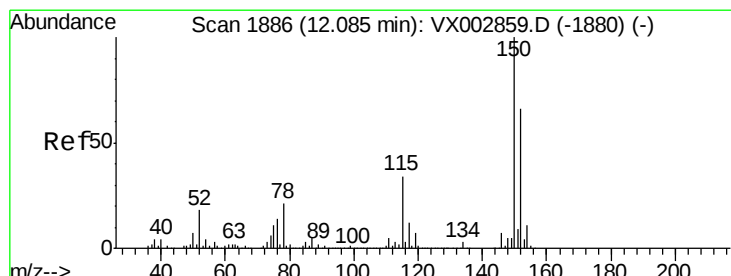
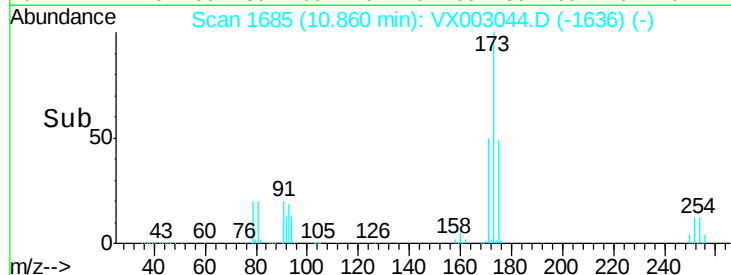
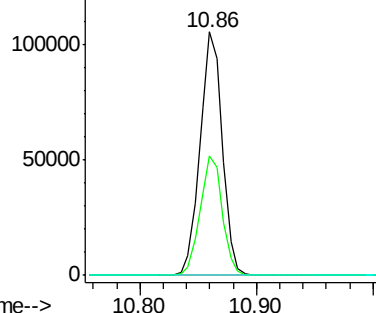
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

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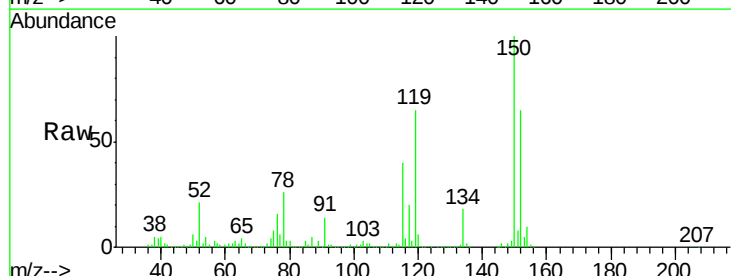


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

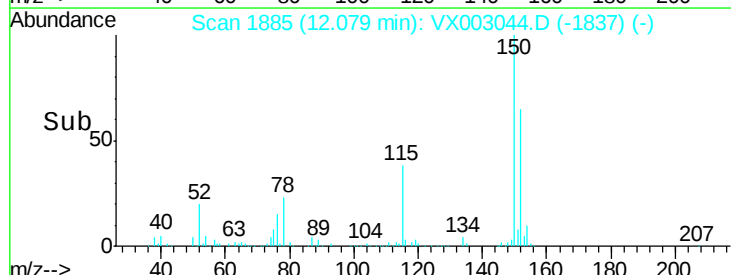
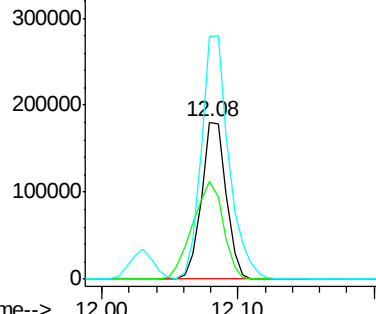


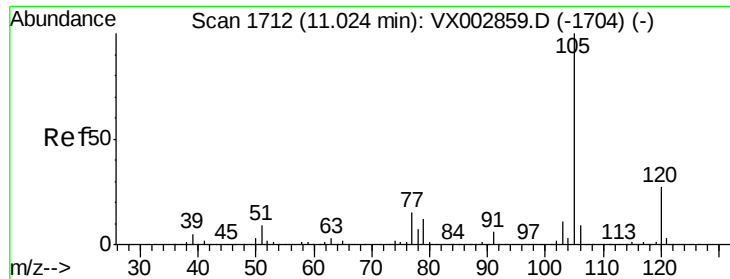
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	40.1	120.2
150	173.5	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: 51.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 781697

Ion Ratio Lower Upper

105 100

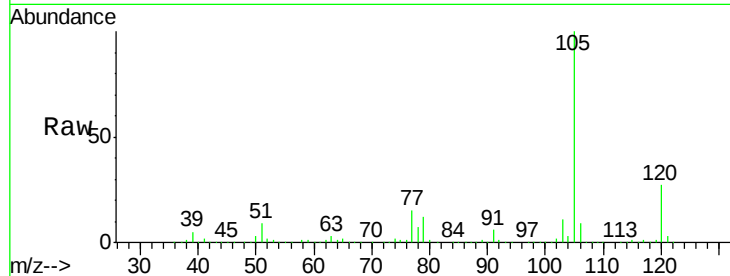
120 27.2 13.5 40.4

Manual Integrations

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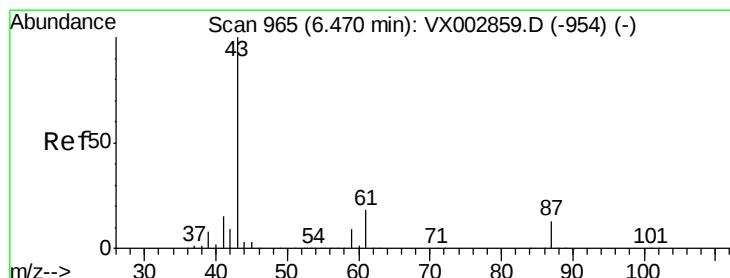
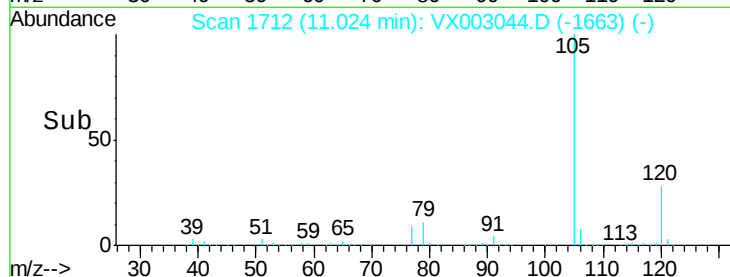
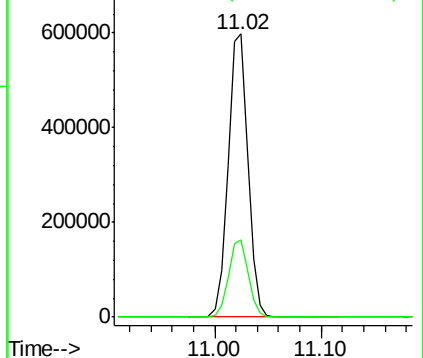
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.62 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion: 43 Resp: 370881

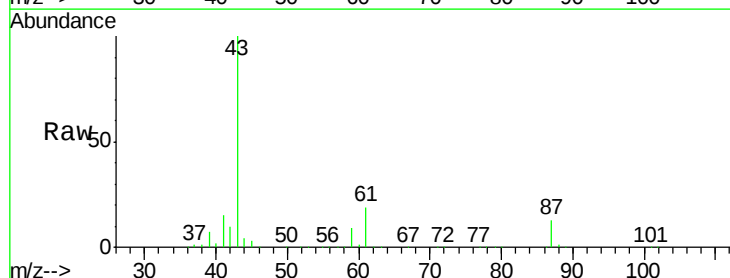
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 14.4 21.6

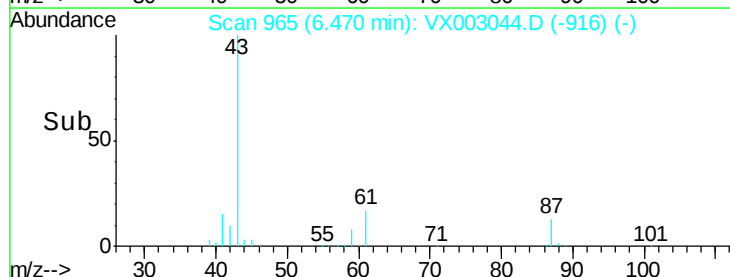
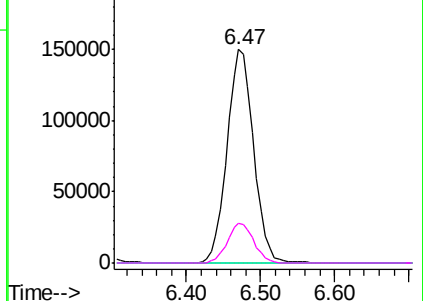


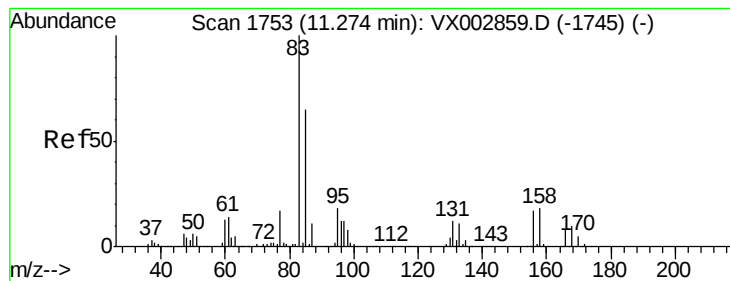
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 241802

Ion Ratio Lower Upper

83 100

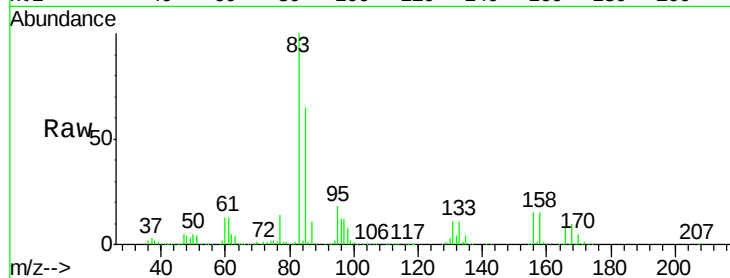
131 11.3 5.6 16.8

85 64.6 32.4 97.2

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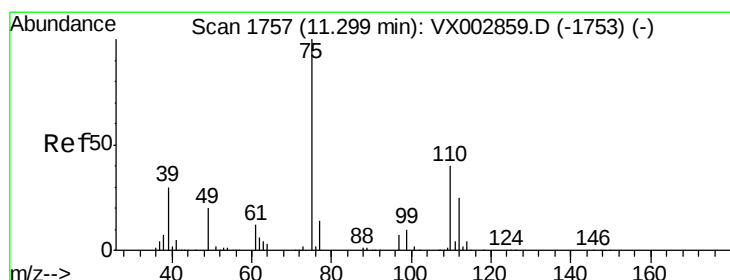
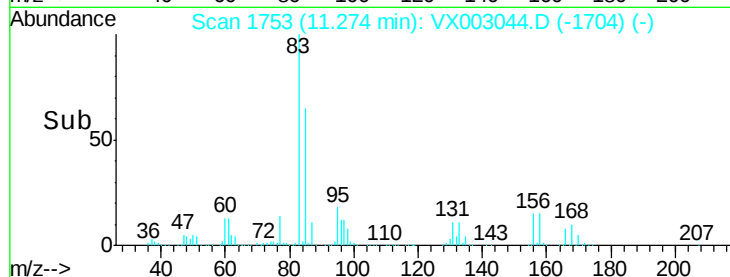
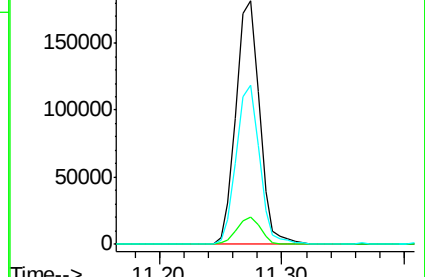
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.66 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003044.D

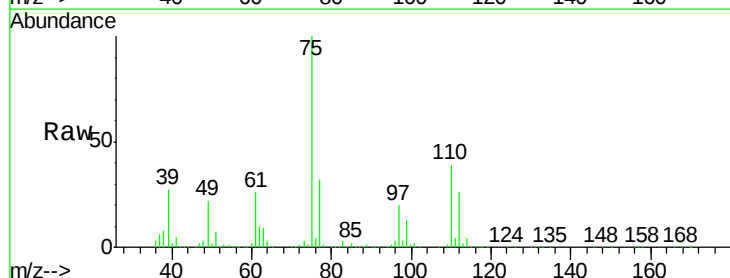
Acq: 29 Jun 2018 22:30

Tgt Ion: 75 Resp: 212472

Ion Ratio Lower Upper

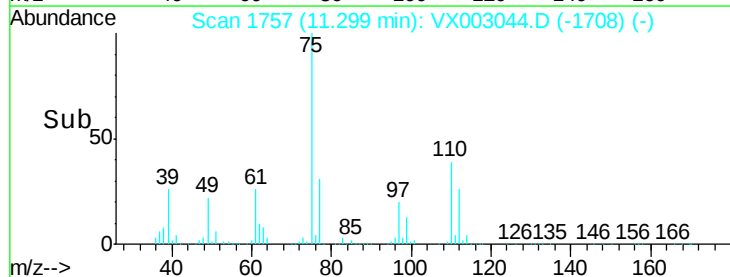
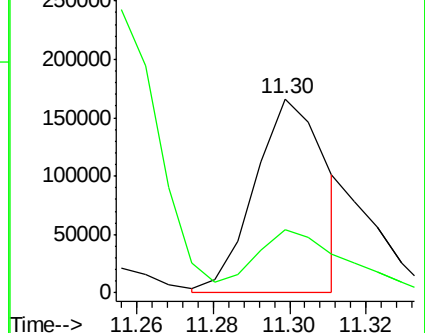
75 100

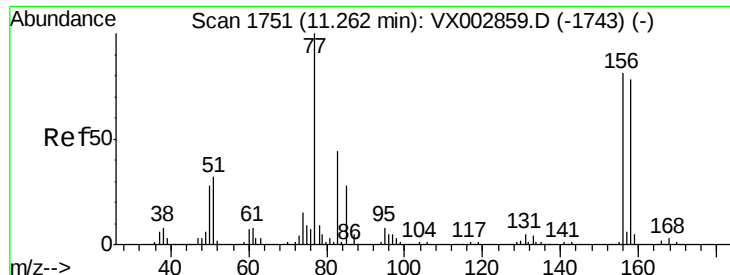
77 42.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.24 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

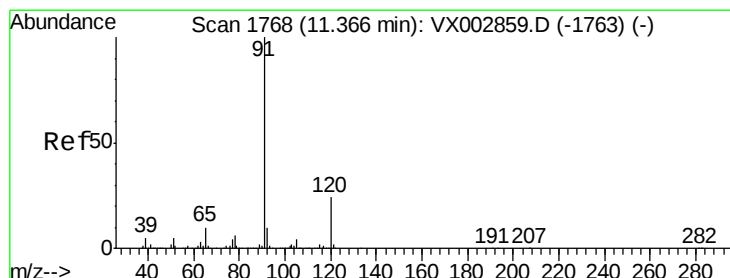
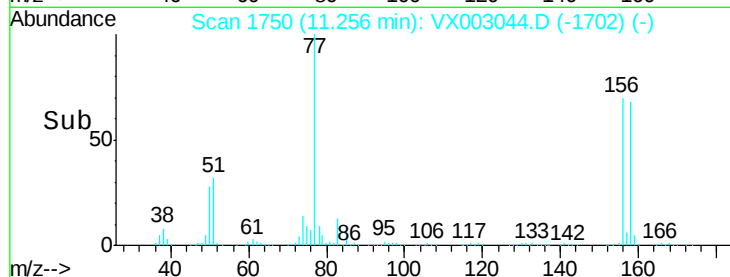
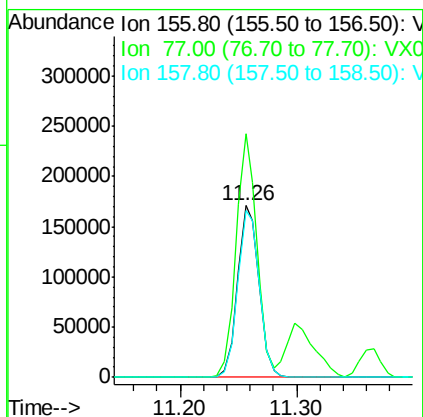
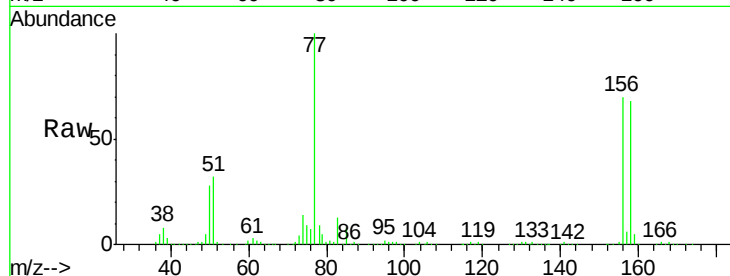
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	218557
Ion Ratio	Lower	Upper	
156	100		
77	137.4	71.4	214.2
158	97.8	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.75 ug/l

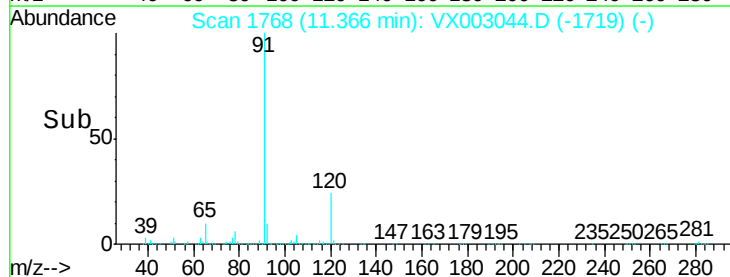
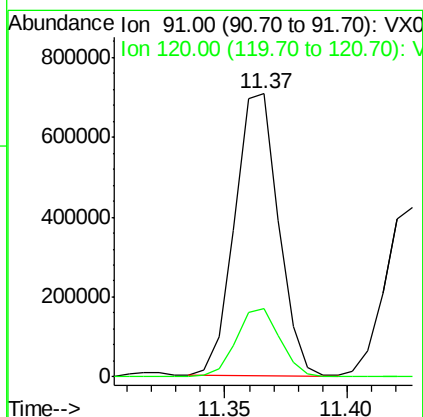
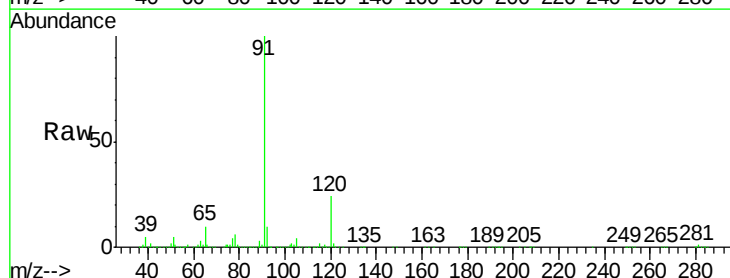
RT: 11.37 min Scan# 1768

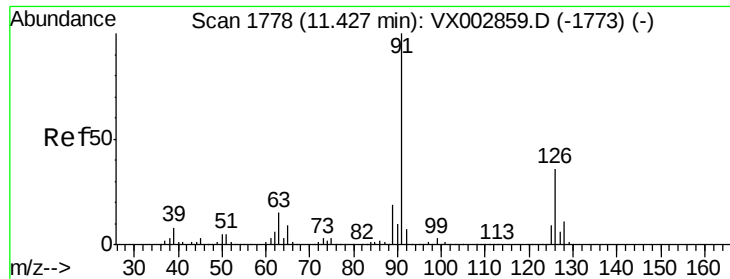
Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	91	Resp:	882404
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.48 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 531372

Ion Ratio Lower Upper

91 100

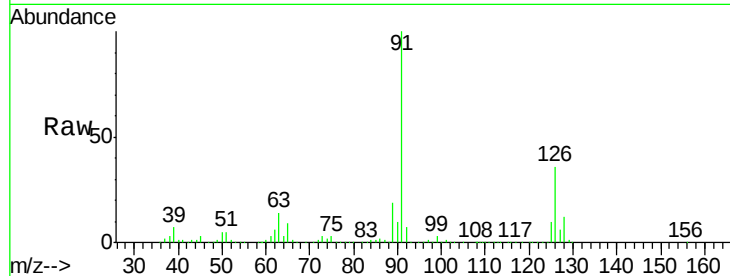
126 35.9 17.7 53.1

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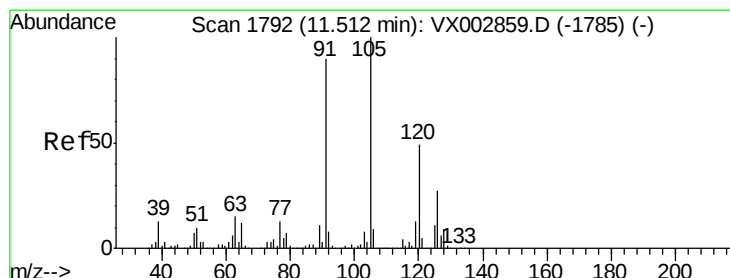
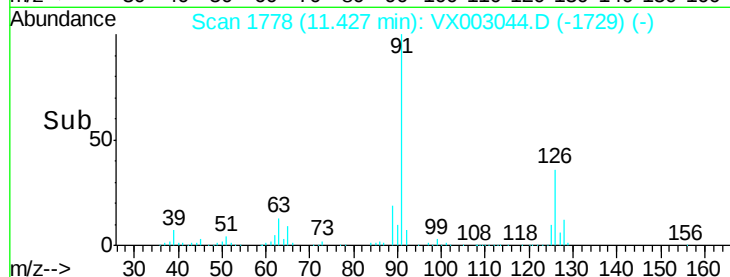
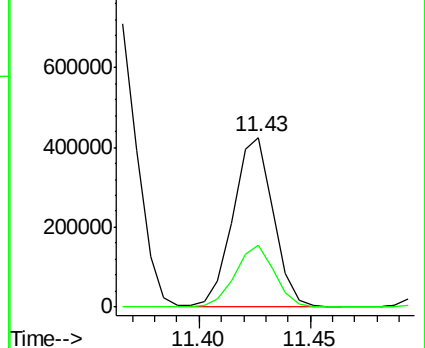
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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 50.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003044.D

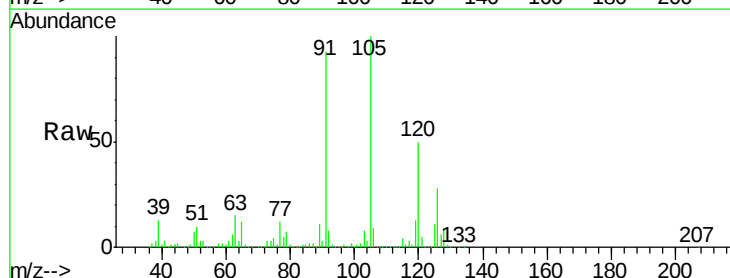
Acq: 29 Jun 2018 22:30

Tgt Ion: 105 Resp: 656003

Ion Ratio Lower Upper

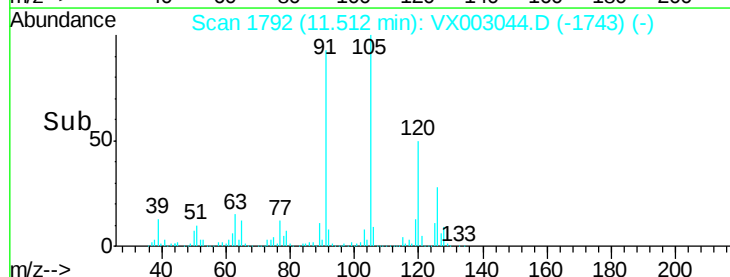
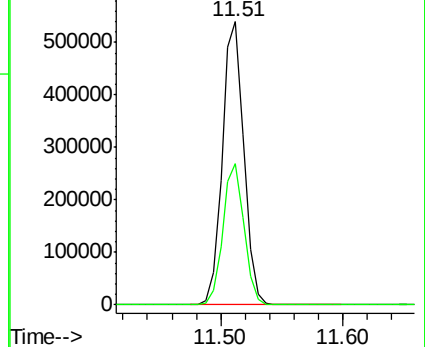
105 100

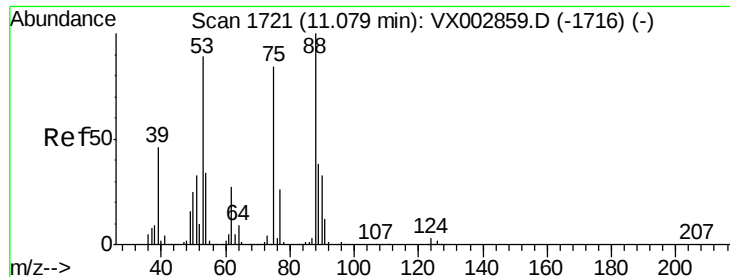
120 49.1 24.4 73.4



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

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





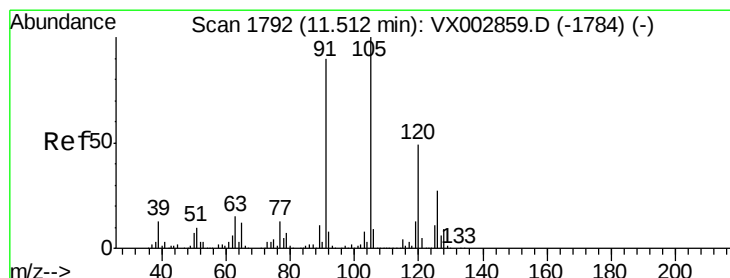
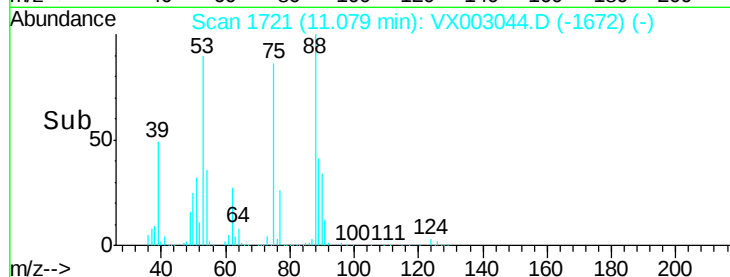
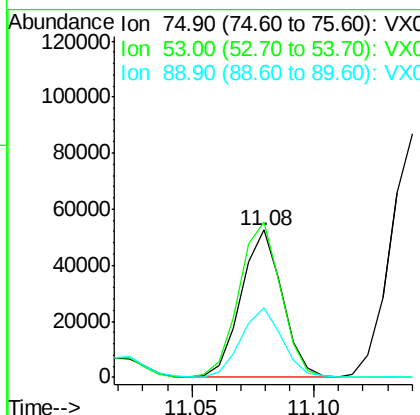
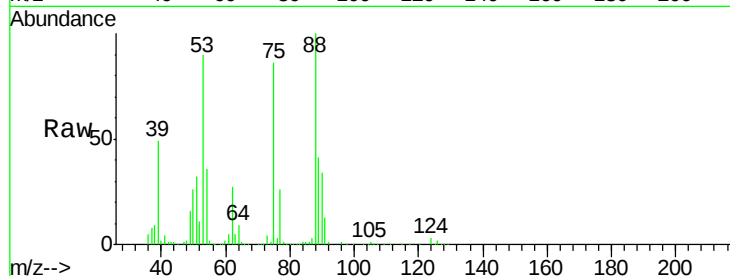
#81
trans-1,4-Dichloro-2-butene
Concen: 43.39 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.5	86.8	130.2
89	47.7	38.2	57.2

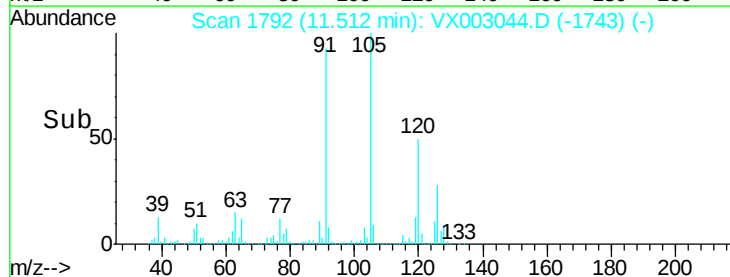
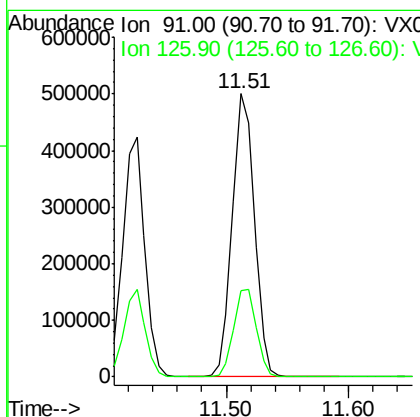
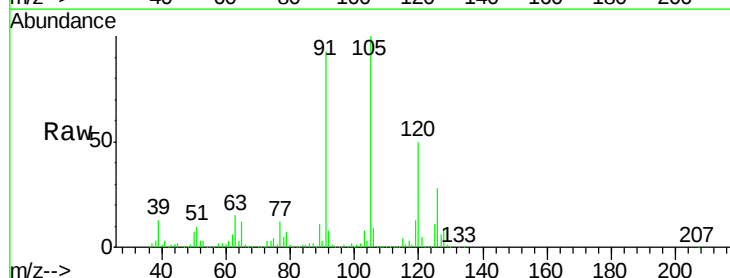
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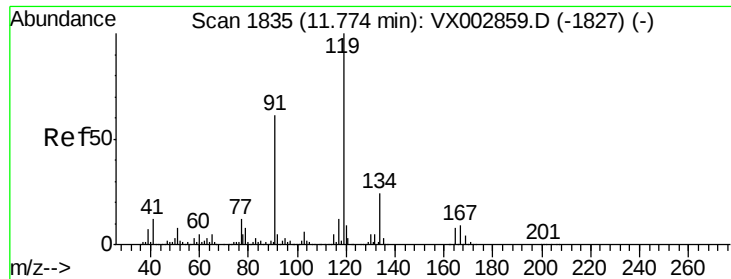
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#82
4-Chlorotoluene
Concen: 50.30 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.4





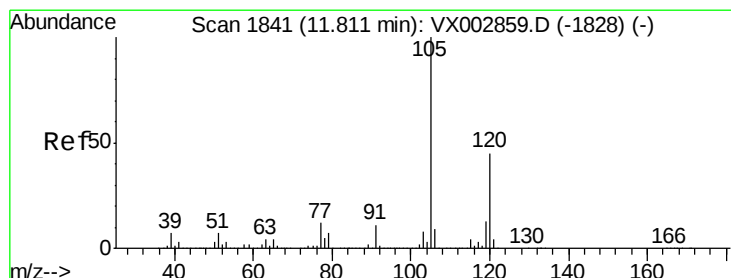
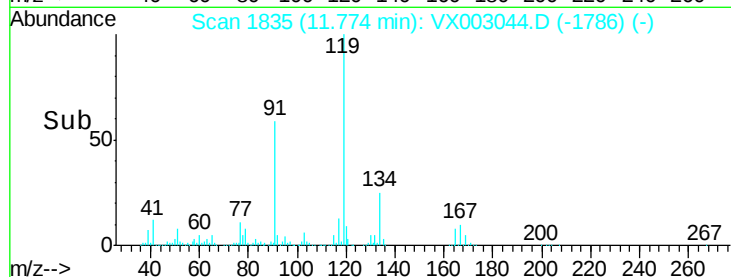
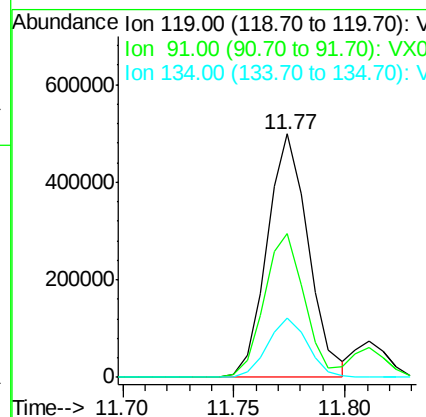
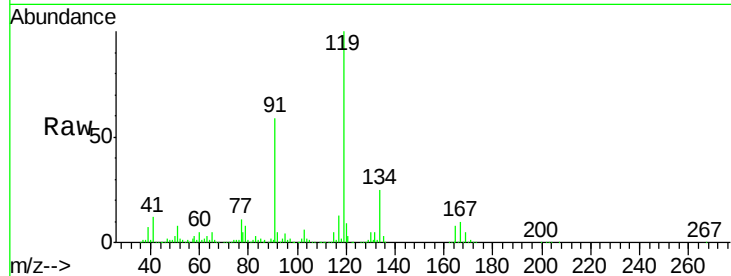
#83
 tert-Butylbenzene
 Concen: 50.53 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.3	90.9
134	23.7	11.7	35.1

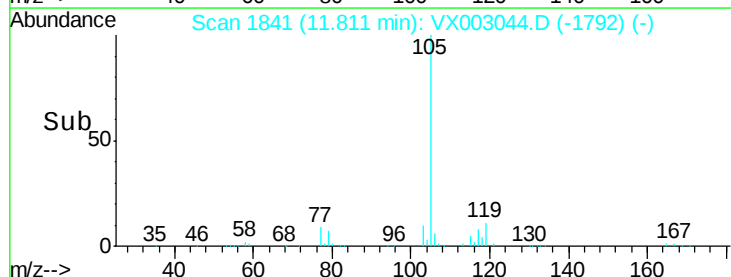
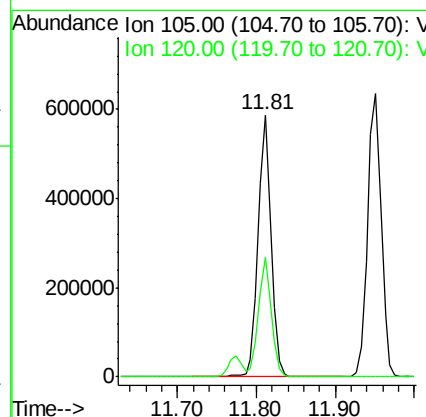
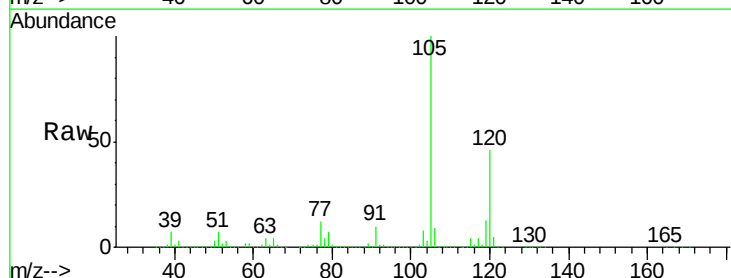
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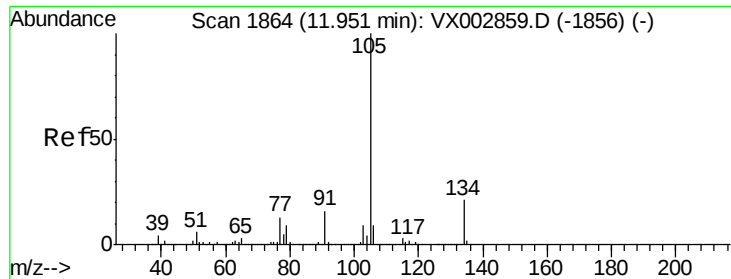
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.8





#85

sec-Butylbenzene

Concen: 49.54 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 762057

Ion Ratio Lower Upper

105 100

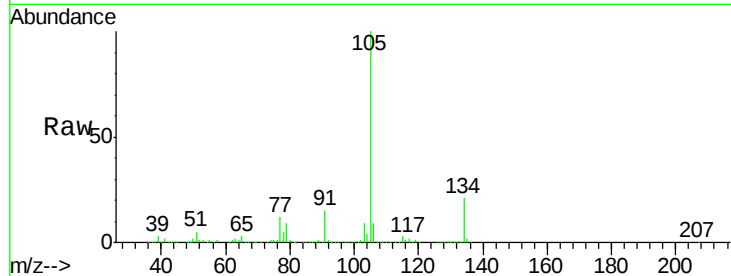
134 20.9 10.4 31.1

Manual Integrations

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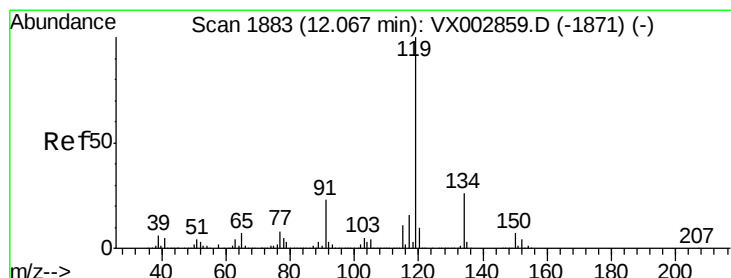
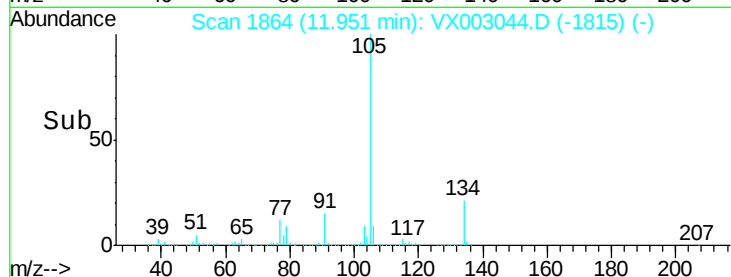
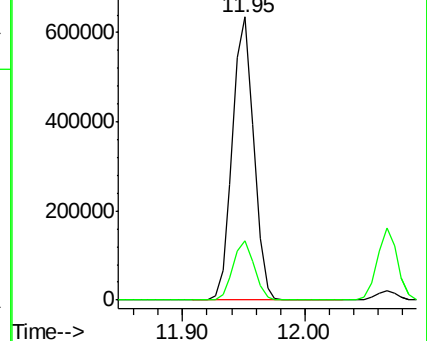
apatel

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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: 49.95 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

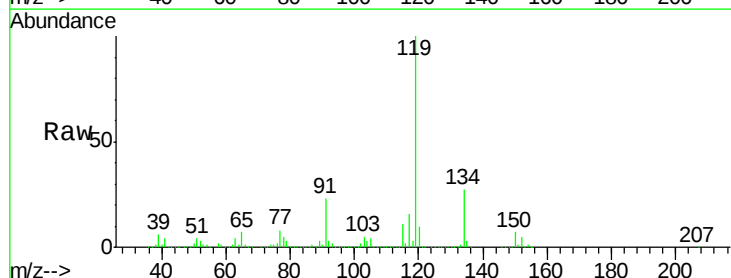
Tgt Ion:119 Resp: 690793

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

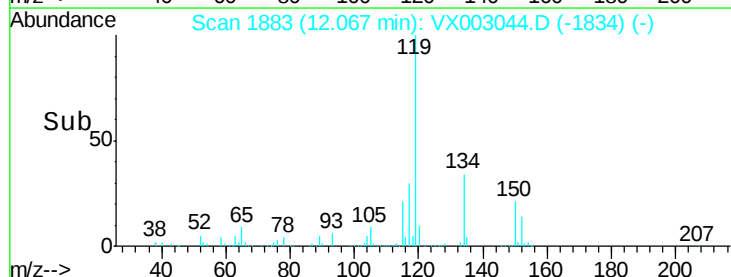
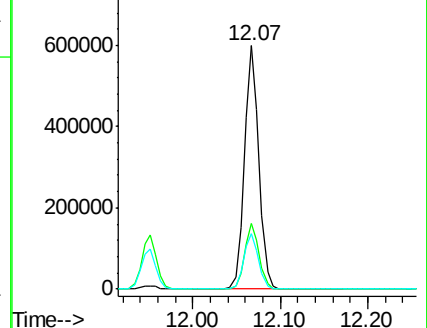
91 23.0 11.9 35.7

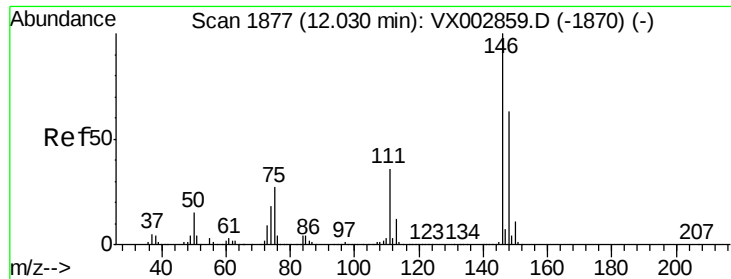


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.89 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

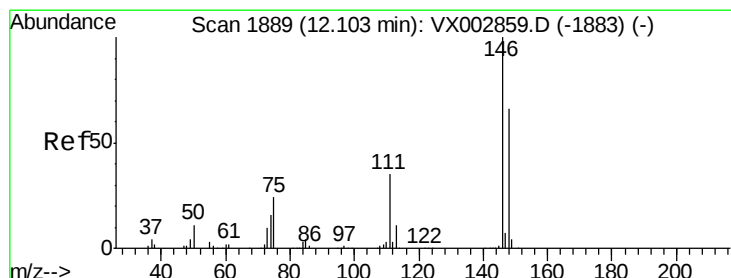
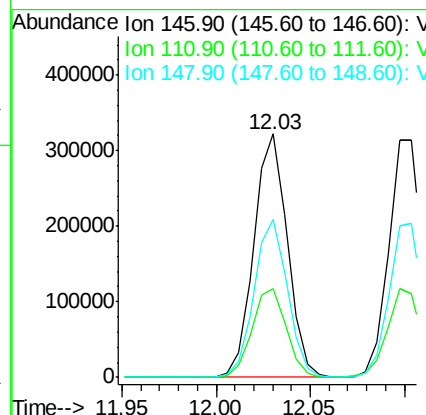
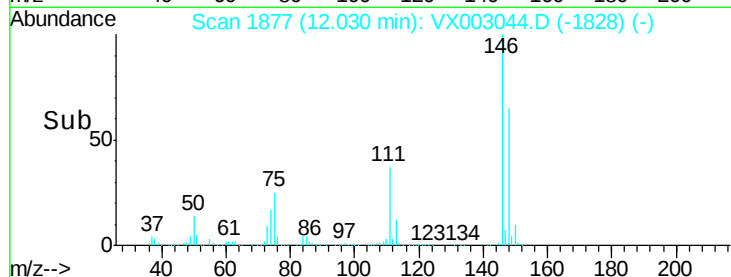
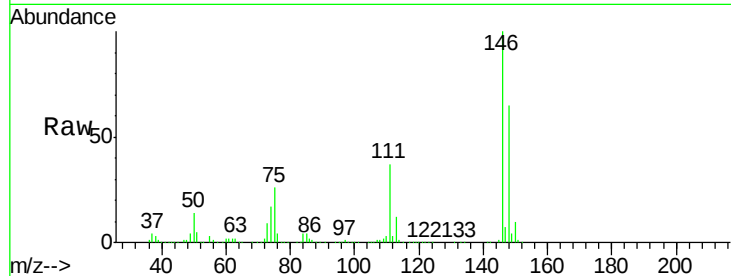
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	396397
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	64.7	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.94 ug/l

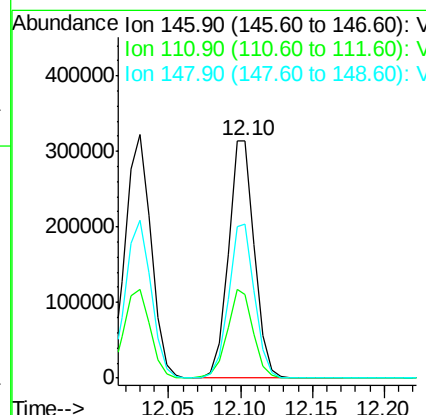
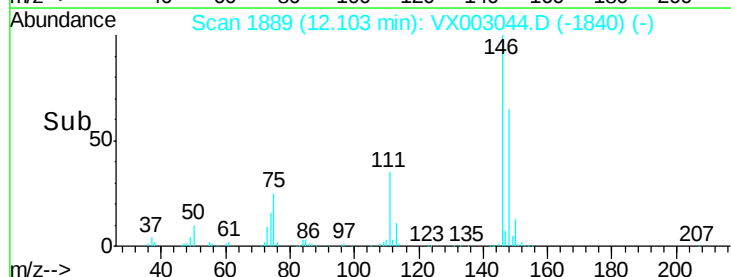
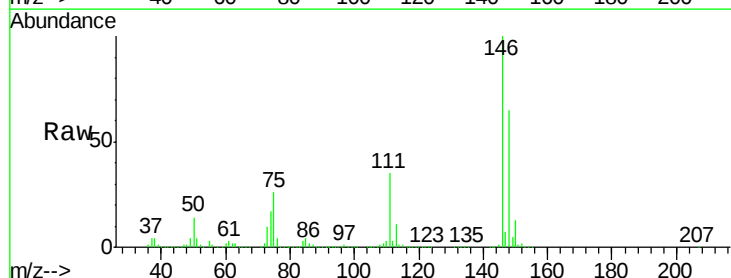
RT: 12.10 min Scan# 1889

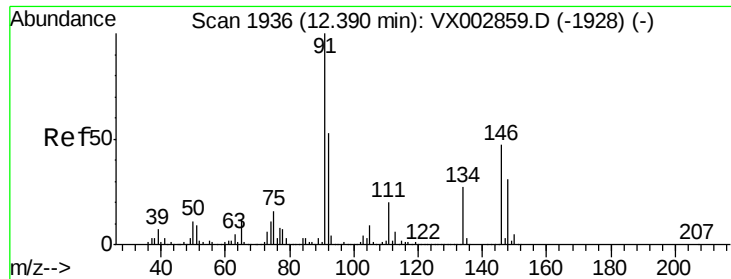
Delta R.T. -0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	146	Resp:	400152
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.7	56.1
148	64.5	32.4	97.0





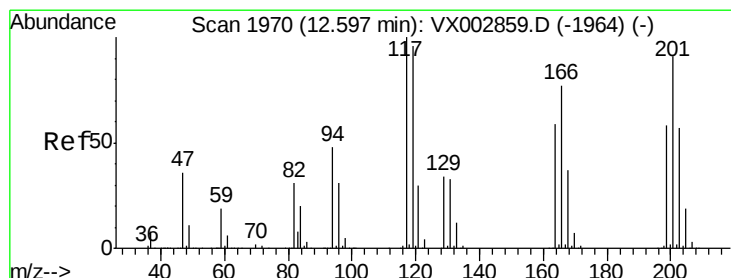
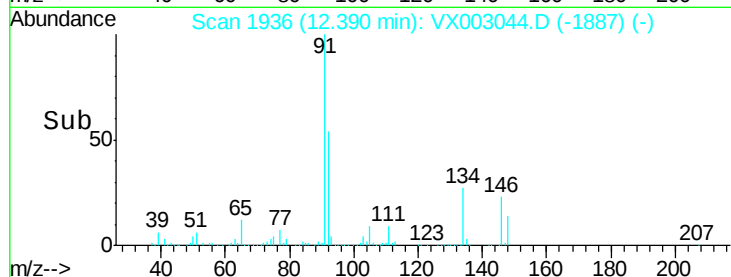
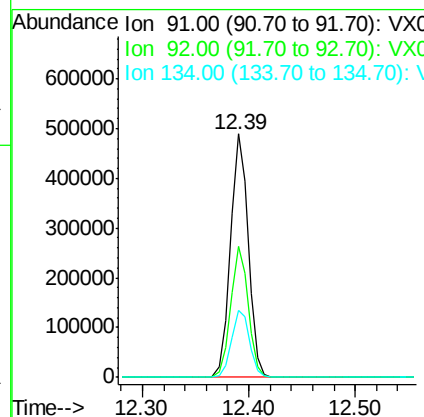
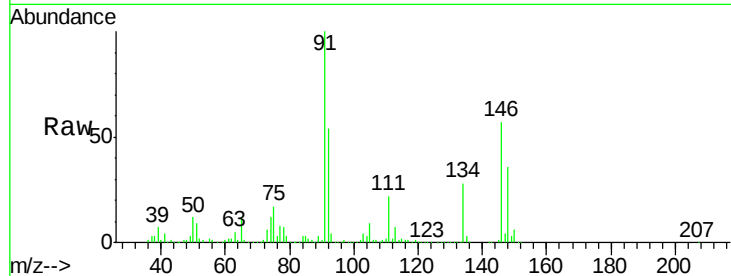
#89
n-Butylbenzene
Concen: 47.59 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.0	78.0
134	28.0	13.5	40.5

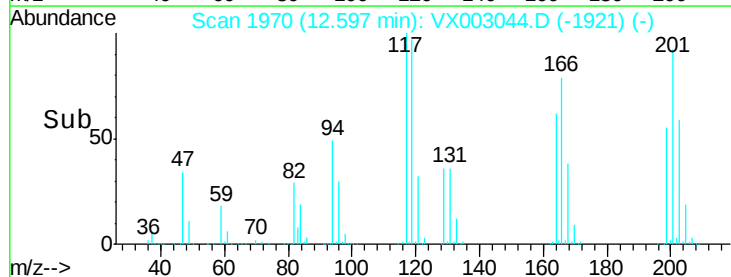
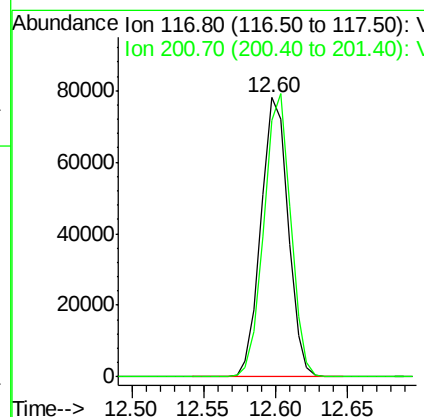
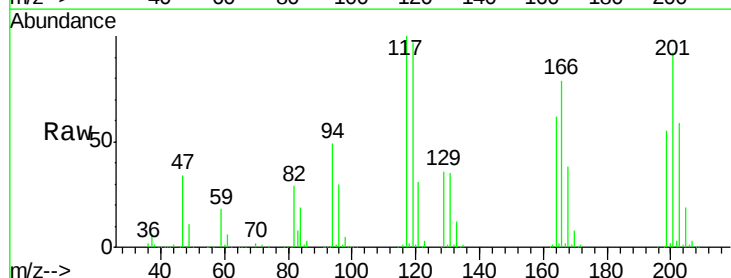
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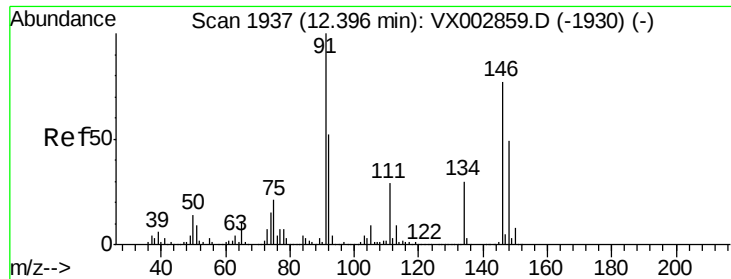
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#90
Hexachloroethane
Concen: 49.22 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003044.D
Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.4	49.0	147.0





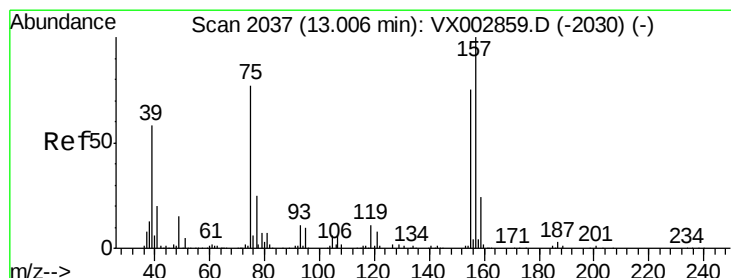
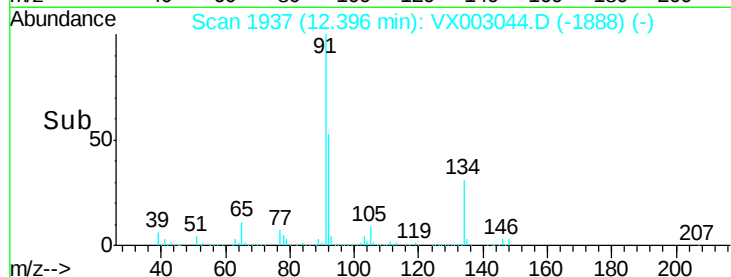
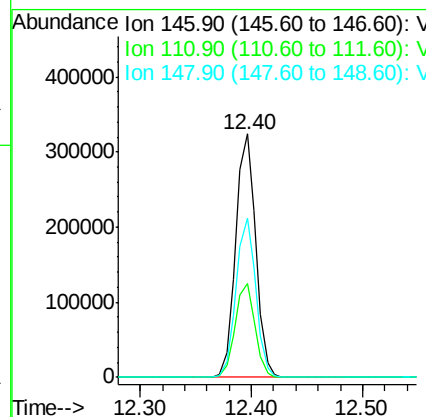
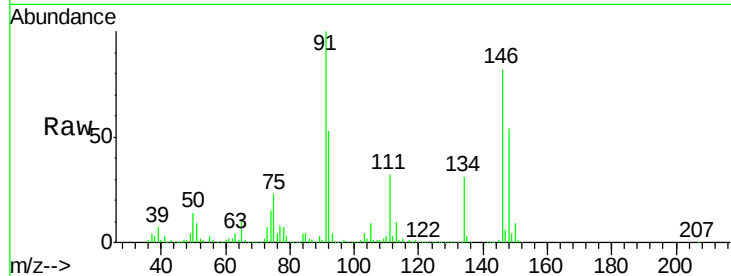
#91
 1,2-Dichlorobenzene
 Concen: 50.19 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	64.5	31.7	95.1

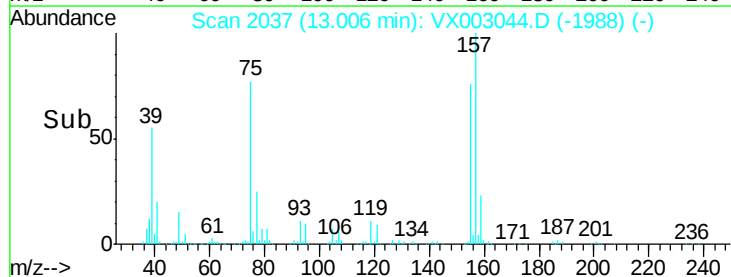
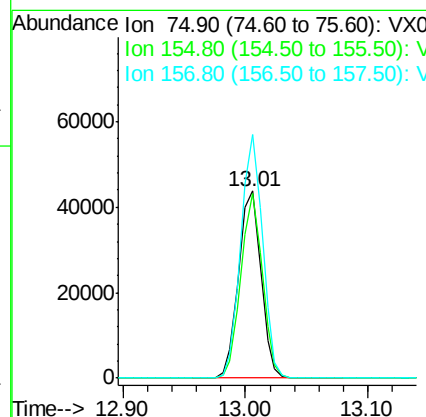
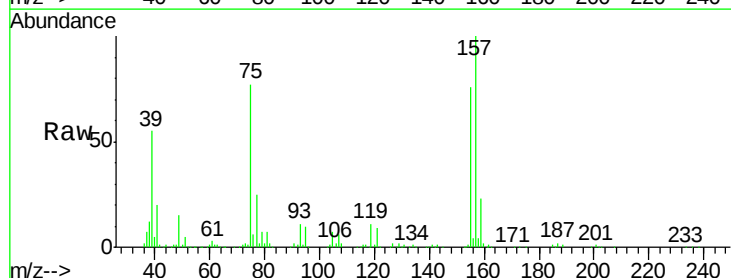
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.38 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.4	45.8	137.4
157	126.4	60.1	180.3





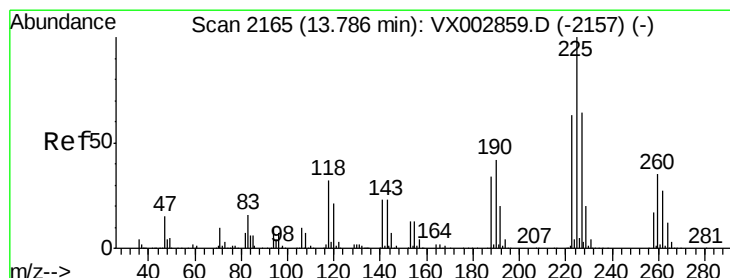
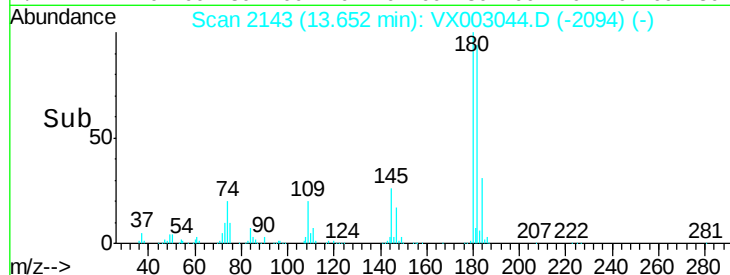
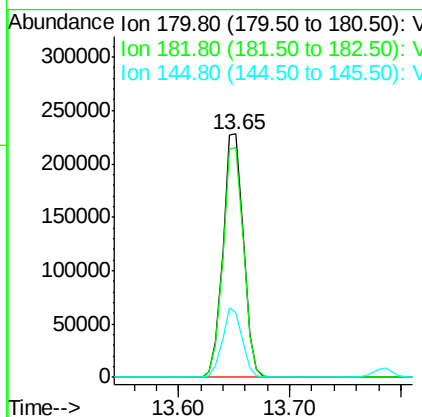
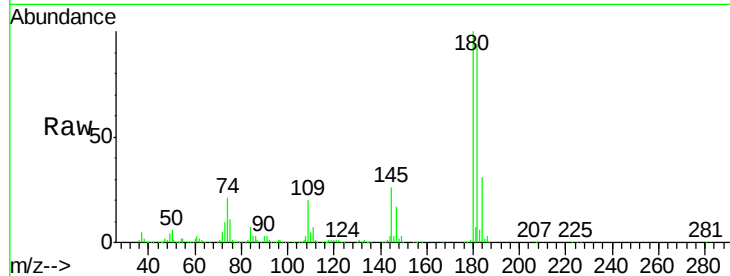
#93
 1,2,4-Trichlorobenzene
 Concen: 49.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	288526		
182	95.1	47.7	143.1	
145	27.6	14.1	42.4	

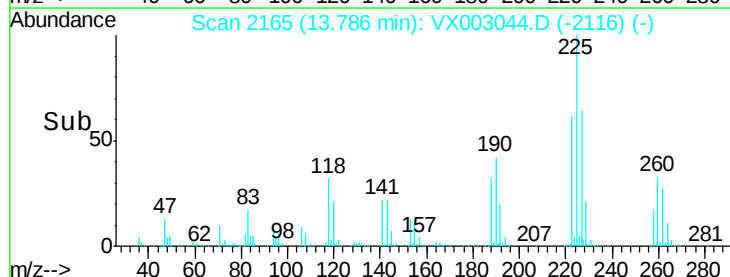
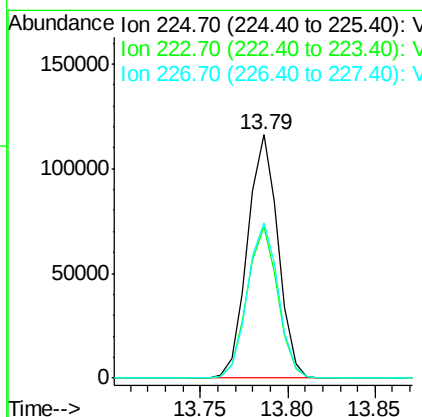
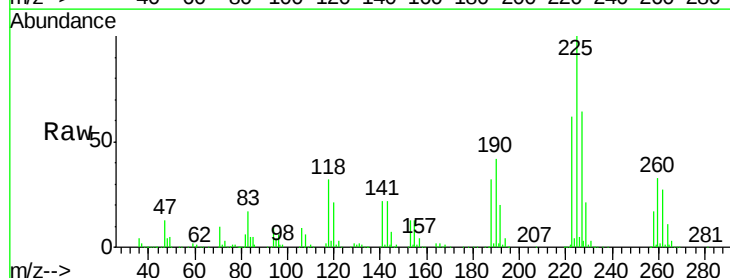
Manual Integrations
 APPROVED

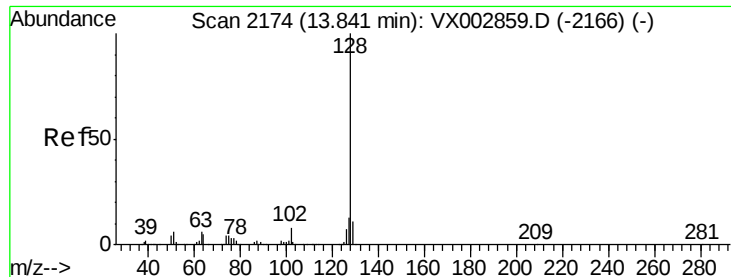
apatel
 7/2/2018 4:15:33 PM



#94
 Hexachlorobutadiene
 Concen: 48.12 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003044.D
 Acq: 29 Jun 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140071		
223	62.4	31.6	95.0	
227	64.4	32.4	97.2	





#95

Naphthalene

Concen: 53.88 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Instrument :

MSVOA_X

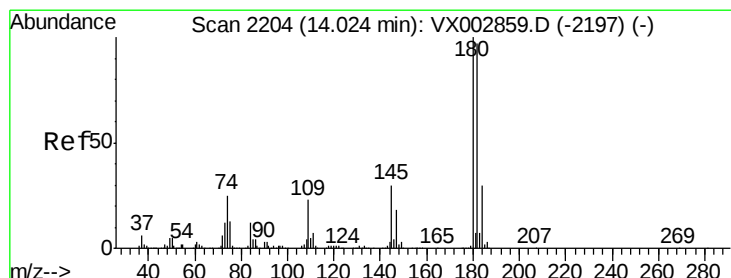
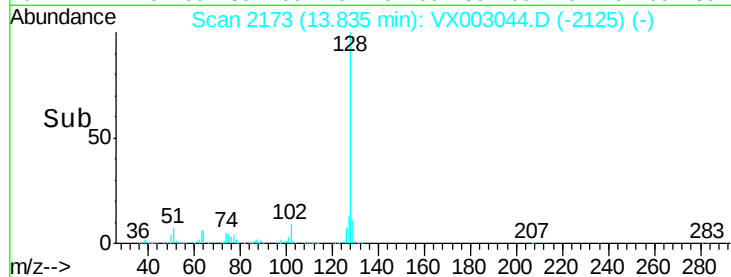
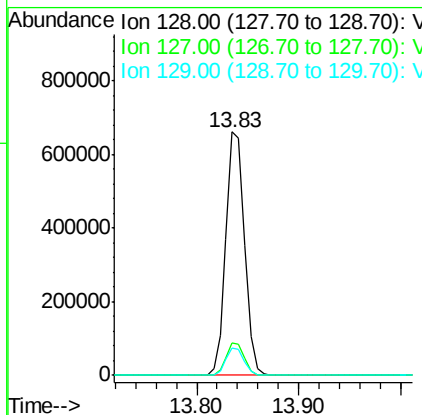
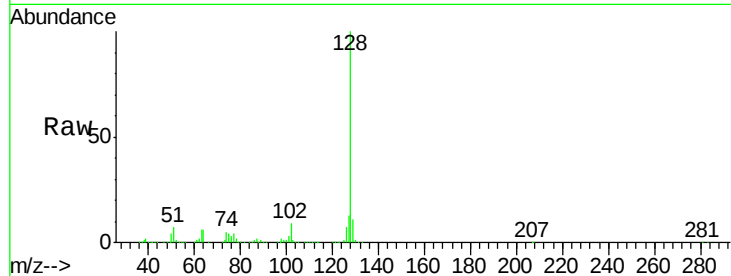
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	837474
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
7/2/2018 4:15:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.09 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003044.D

Acq: 29 Jun 2018 22:30

Tgt Ion:	180	Resp:	291969
Ion Ratio	Lower	Upper	
180	100		
182	97.0	48.0	144.0
145	29.6	14.8	44.3

