

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007776.D
 Acq On : 28 Feb 2019 19:32
 Operator : JC/SP
 Sample : K1655-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

Quant Time: Mar 01 01:33:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175656	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	5.50	113	147286	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	8.71	98	532775	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	188930	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99550	38.727	ug/l	98
3) Chloromethane	1.33	50	134724	47.295	ug/l	99
4) Vinyl Chloride	1.41	62	137197	46.945	ug/l	99
5) Bromomethane	1.64	94	79945	43.218	ug/l	98
6) Chloroethane	1.72	64	90491	48.465	ug/l	100
7) Trichlorofluoromethane	1.93	101	184907	41.272	ug/l	99
8) Diethyl Ether	2.19	74	85663	46.589	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101798	37.593	ug/l	98
10) Methyl Iodide	2.51	142	179162	53.135	ug/l	100
11) Tert butyl alcohol	3.07	59	151572	231.117	ug/l	99
12) 1,1-Dichloroethene	2.38	96	111232	45.570	ug/l	95
13) Acrolein	2.30	56	104255	178.895	ug/l	100
14) Allyl chloride	2.73	41	235946	52.278	ug/l	93
15) Acrylonitrile	3.15	53	399907	259.116	ug/l	99
16) Acetone	2.45	43	344492	224.116	ug/l	99
17) Carbon Disulfide	2.57	76	304473	44.836	ug/l	99
18) Methyl Acetate	2.78	43	166723	49.707	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	423380	49.809	ug/l	100
20) Methylene Chloride	2.86	84	132165	46.565	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	121902	45.939	ug/l	90
22) Diisopropyl ether	3.87	45	491756	52.341	ug/l	94
23) Vinyl Acetate	3.82	43	1881980	228.312	ug/l	97
24) 1,1-Dichloroethane	3.70	63	255597	50.057	ug/l	98
25) 2-Butanone	4.70	43	589801	251.898	ug/l	95
26) 2,2-Dichloropropane	4.59	77	160109	39.282	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	153952	45.596	ug/l	94
28) Bromochloromethane	5.02	49	123893	49.840	ug/l	86
29) Tetrahydrofuran	5.15	42	393768	255.129	ug/l	94
30) Chloroform	5.21	83	256275	46.855	ug/l	98
31) Cyclohexane	5.58	56	194443	40.483	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	210806	46.603	ug/l	98
36) 1,1-Dichloropropene	5.80	75	179598	47.865	ug/l	97
37) Ethyl Acetate	4.85	43	203165	48.743	ug/l	99
38) Carbon Tetrachloride	5.78	117	178518	47.363	ug/l	98

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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	182275	38.436	ug/l	92
40) Benzene	6.15	78	580165	50.088	ug/l	99
41) Methacrylonitrile	5.06	41	130236	58.515	ug/l	94
42) 1,2-Dichloroethane	6.20	62	205609	52.814	ug/l	100
43) Isopropyl Acetate	6.46	43	330738	51.558	ug/l	98
44) Trichloroethene	7.21	130	154454	48.474	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156749	52.242	ug/l	99
46) Dibromomethane	7.66	93	100316	47.924	ug/l	99
47) Bromodichloromethane	7.90	83	190005	52.380	ug/l	98
48) Methyl methacrylate	7.77	41	188790	56.144	ug/l	92
49) 1,4-Dioxane	7.75	88	64248	884.638	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1159362	269.995	ug/l	100
52) Toluene	8.79	92	354048	48.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	206407	46.007	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	222579	50.563	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	153074	50.257	ug/l	98
56) Ethyl methacrylate	9.18	69	230777	53.281	ug/l	94
57) 1,3-Dichloropropane	9.37	76	252611	51.811	ug/l	100
59) 2-Hexanone	9.49	43	865549	256.749	ug/l	100
60) Dibromochloromethane	9.59	129	156757	53.487	ug/l	98
61) 1,2-Dibromoethane	9.67	107	160192	50.657	ug/l	99
64) Tetrachloroethene	9.34	164	149676	49.195	ug/l	98
65) Chlorobenzene	10.14	112	392042	48.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	148245	52.431	ug/l	99
67) Ethyl Benzene	10.25	91	647518	48.224	ug/l	99
68) m/p-Xylenes	10.36	106	493775	94.526	ug/l	96
69) o-Xylene	10.70	106	244171	48.596	ug/l	96
70) Styrene	10.71	104	397619	48.144	ug/l	99
71) Bromoform	10.86	173	122282	57.674	ug/l #	99
73) Isopropylbenzene	11.02	105	630699	46.178	ug/l	100
74) N-amyl acetate	10.90	43	273595	46.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221907	46.975	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	256092	62.870	ug/l	80
77) Bromobenzene	11.26	156	177421	51.791	ug/l	94
78) n-propylbenzene	11.36	91	698438	45.254	ug/l	98
79) 2-Chlorotoluene	11.42	91	427974	46.053	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	519029	46.200	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63238	42.108	ug/l	97
82) 4-Chlorotoluene	11.51	91	491503	45.211	ug/l	98
83) tert-Butylbenzene	11.77	119	510884	47.362	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	534884	46.545	ug/l	99
85) sec-Butylbenzene	11.94	105	602404	44.567	ug/l	99
86) p-Isopropyltoluene	12.06	119	542717	45.847	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	302944	47.675	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	306599	47.112	ug/l	99
89) n-Butylbenzene	12.39	91	447677	42.406	ug/l	99
90) Hexachloroethane	12.60	117	89134	44.689	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	309210	48.634	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47405	46.057	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	211255	54.433	ug/l	100

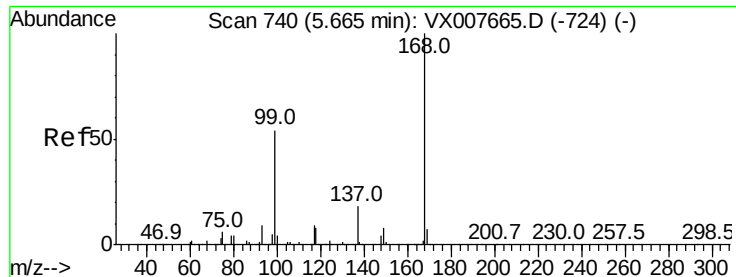
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	100418	56.560	ug/l	99
95) Naphthalene	13.83	128	651616	51.823	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214953	55.160	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

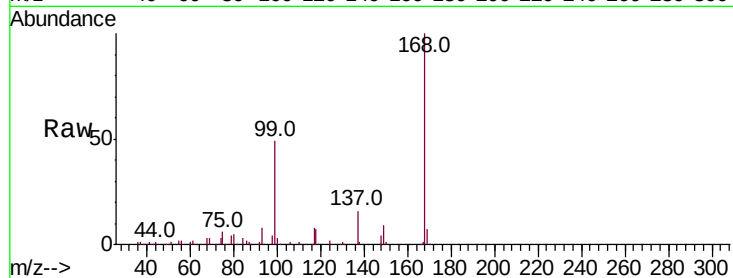
A0C1-TWPMS

Tot Ion:168 Resp: 279048

Ion Ratio Lower Upper

168 100

99 48.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

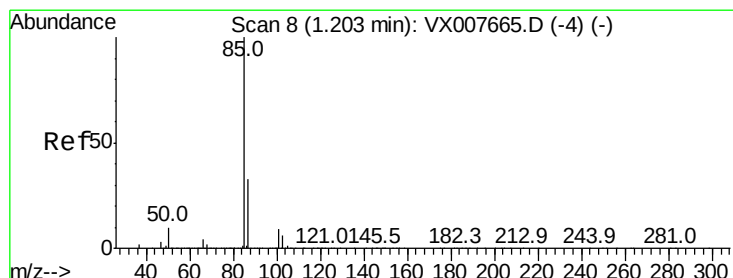
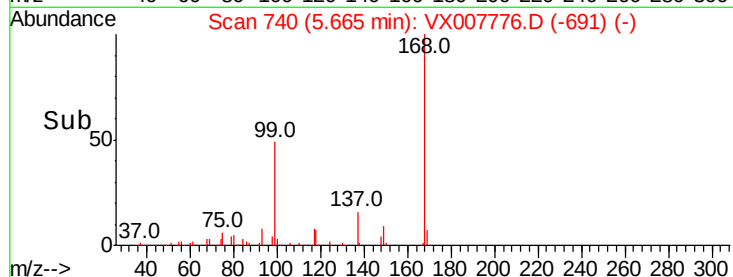
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.727 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007776.D

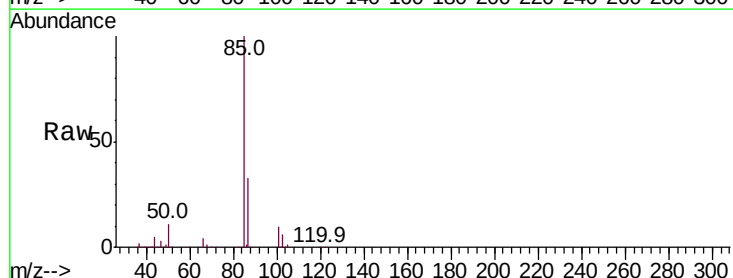
Acq: 28 Feb 2019 19:32

Tgt Ion: 85 Resp: 99550

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

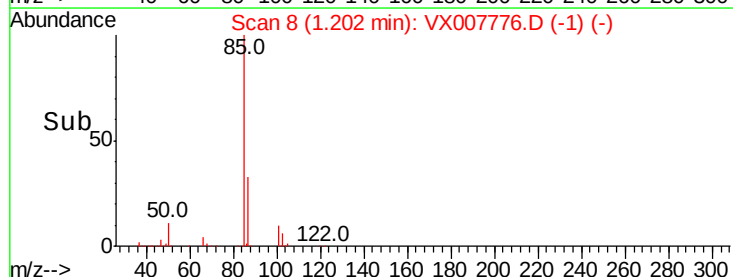
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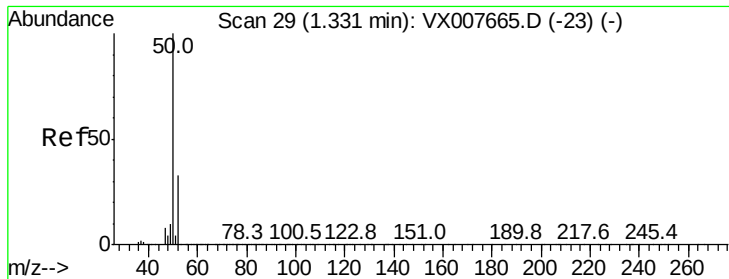
40000

20000

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Time-->





#3

Chloromethane

Concen: 47.295 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

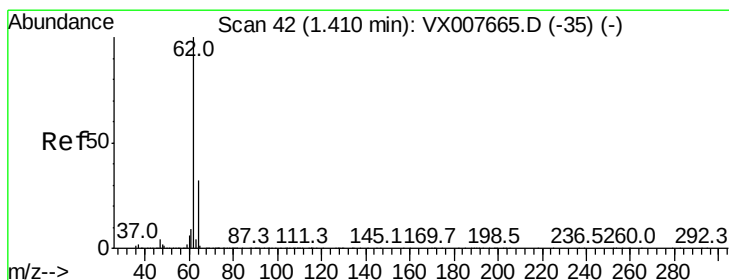
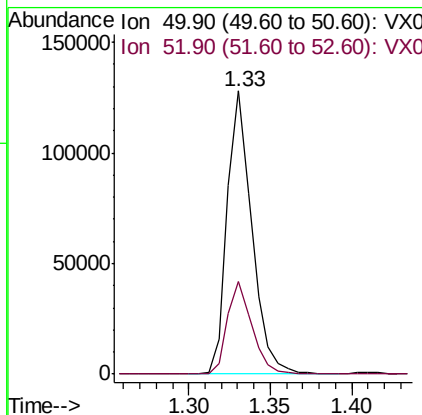
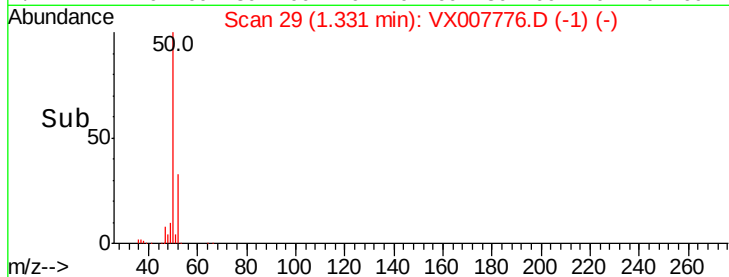
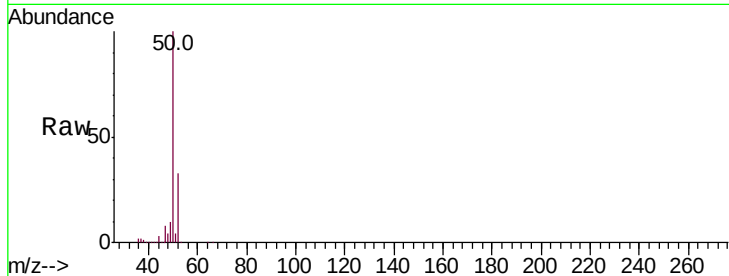
A0C1-TWPMS

Tot Ion: 50 Resp: 134724

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 46.945 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007776.D

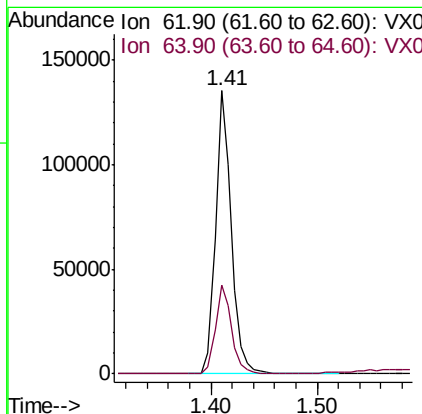
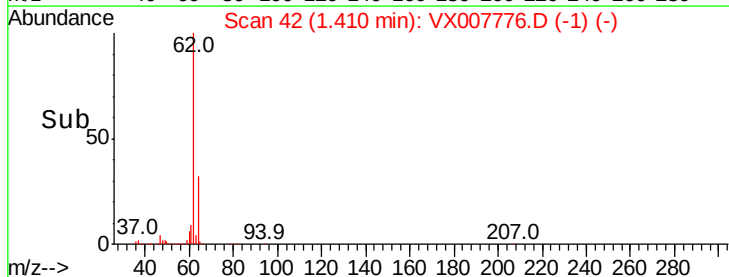
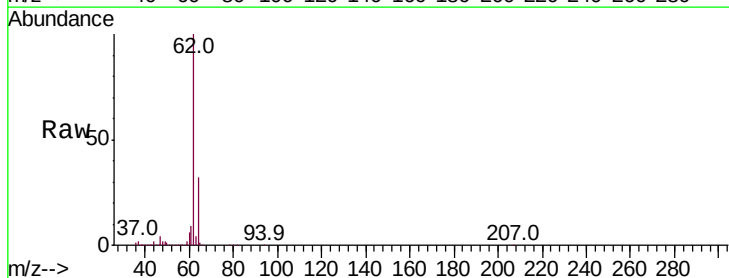
Acq: 28 Feb 2019 19:32

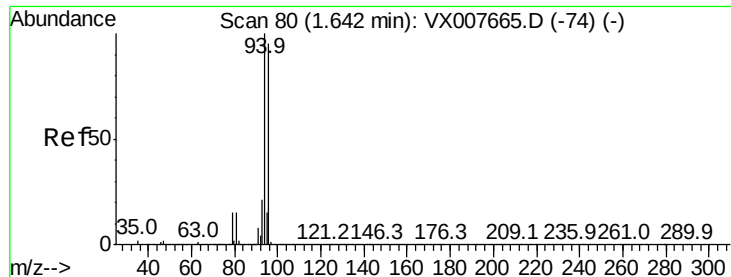
Tgt Ion: 62 Resp: 137197

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 43.218 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

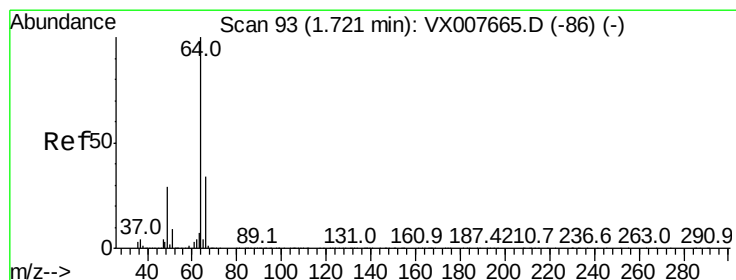
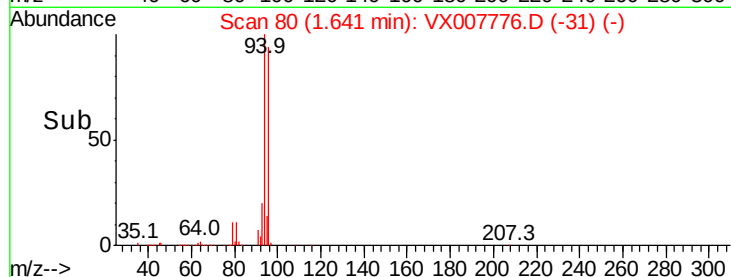
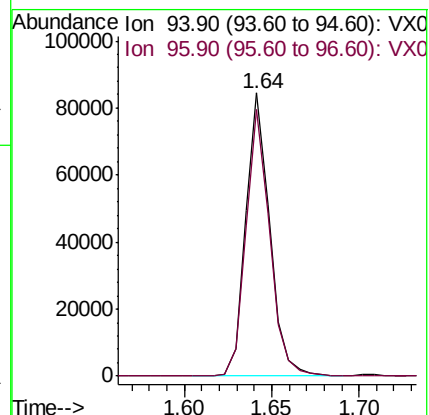
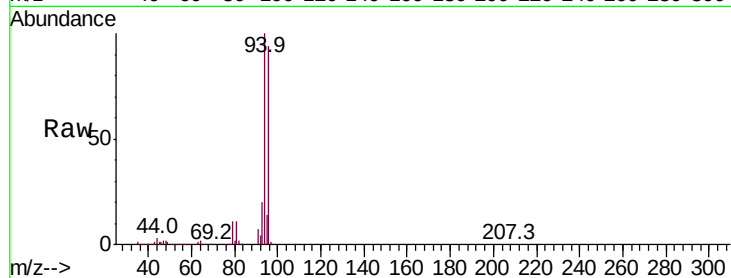
A0C1-TWPMS

Tot Ion: 94 Resp: 79945

Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9



#6

Chloroethane

Concen: 48.465 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007776.D

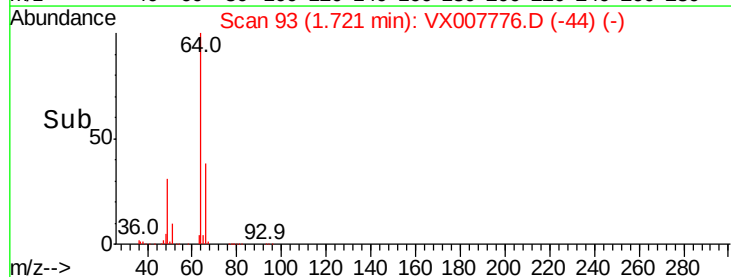
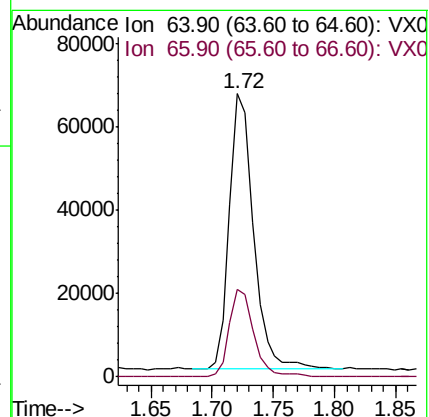
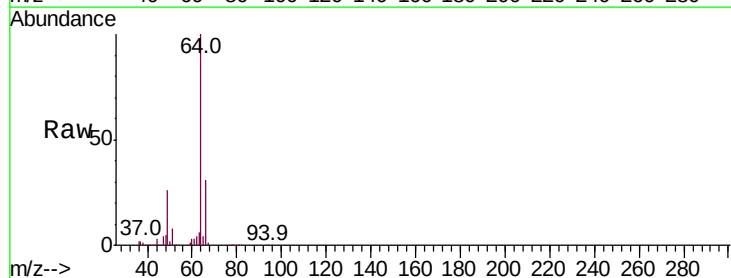
Acq: 28 Feb 2019 19:32

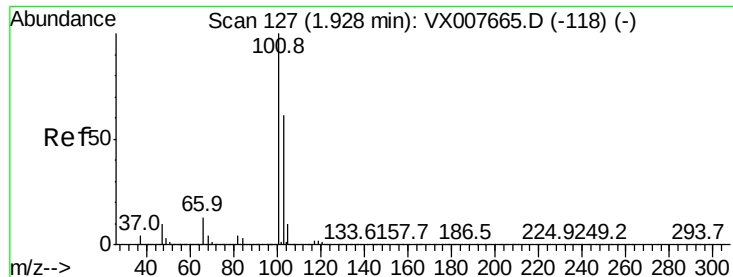
Tgt Ion: 64 Resp: 90491

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



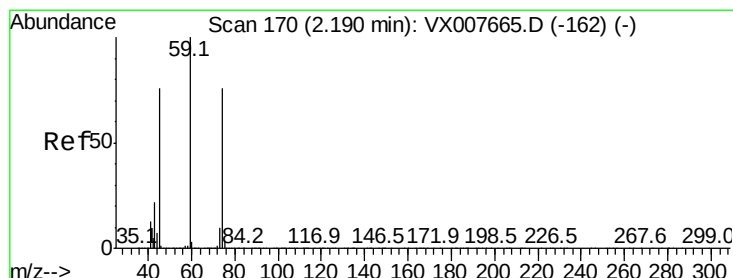
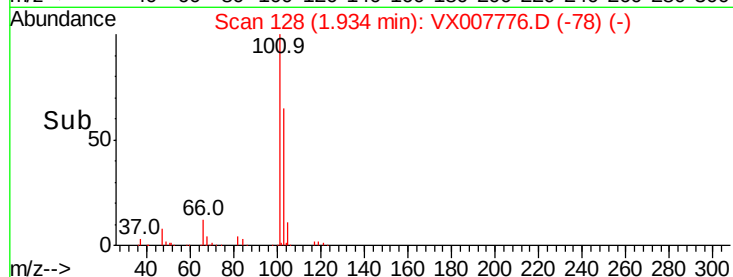
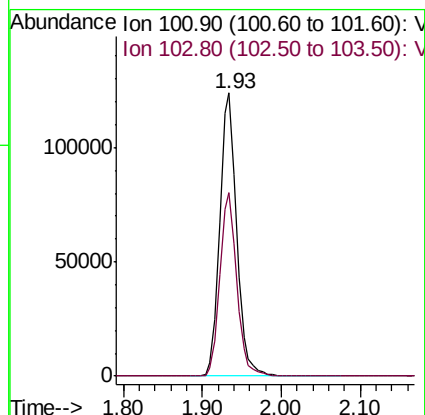
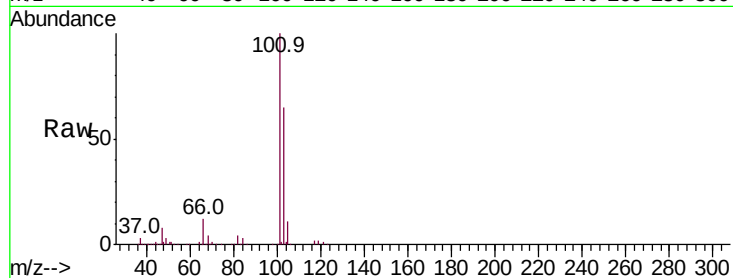


#7

Trichlorofluoromethane
 Concen: 41.272 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

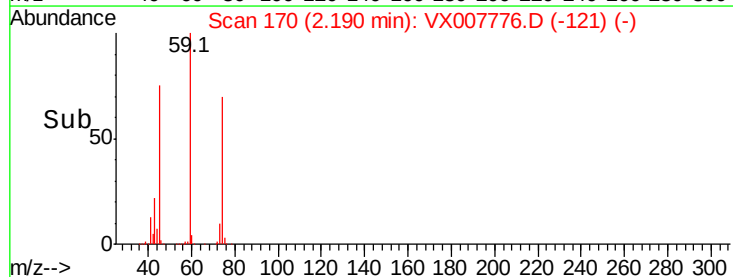
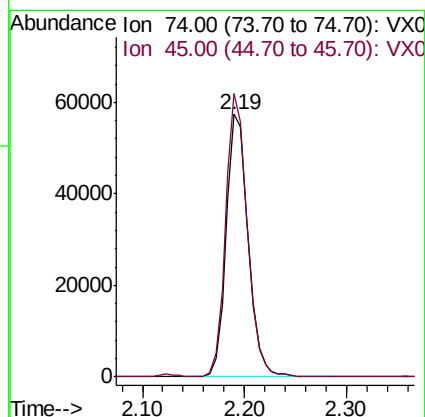
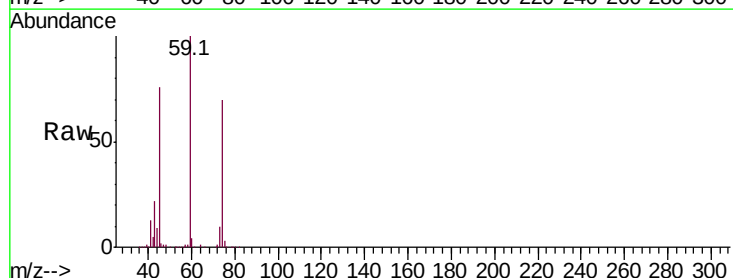
Tot Ion:101 Resp: 184907
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 79.0

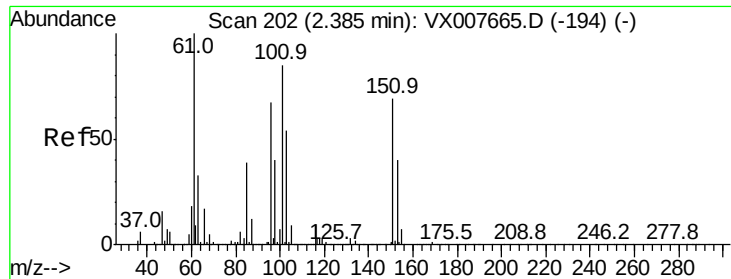


#8

Diethyl Ether
 Concen: 46.589 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion: 74 Resp: 85663
 Ion Ratio Lower Upper
 74 100
 45 105.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.593 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

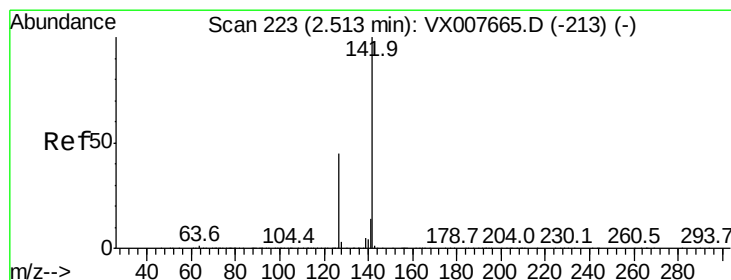
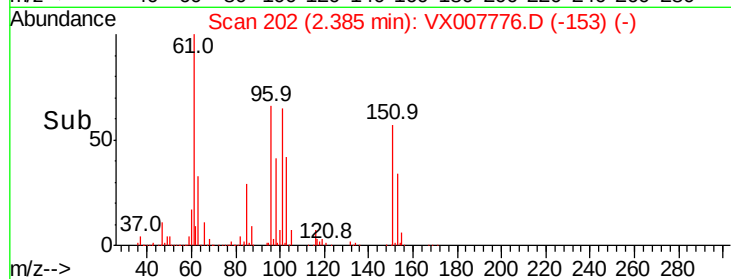
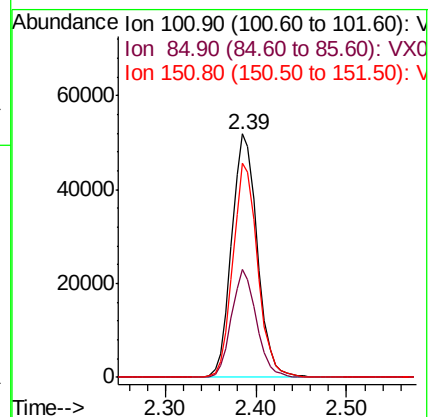
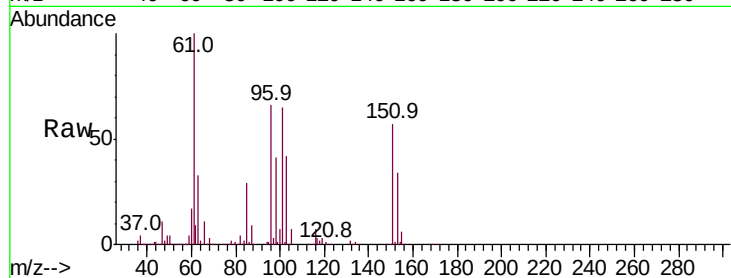
Tot Ion:101 Resp: 101798

Ion Ratio Lower Upper

101 100

85 43.1 34.1 51.1

151 85.1 69.9 104.9



#10

Methyl Iodide

Concen: 53.135 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

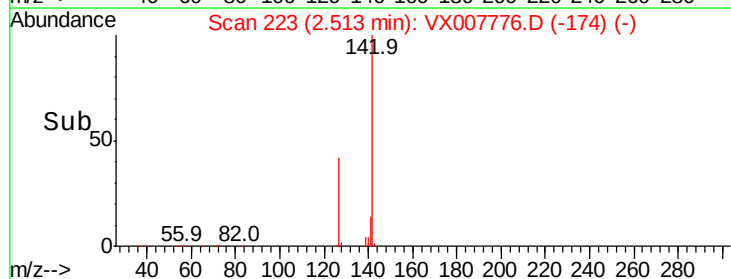
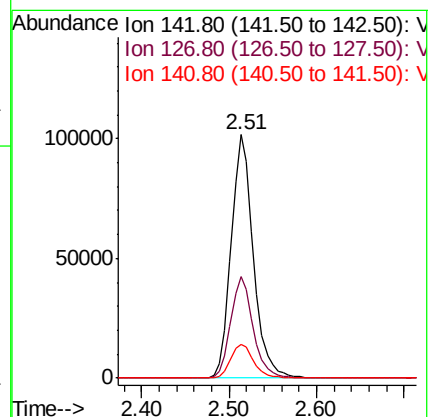
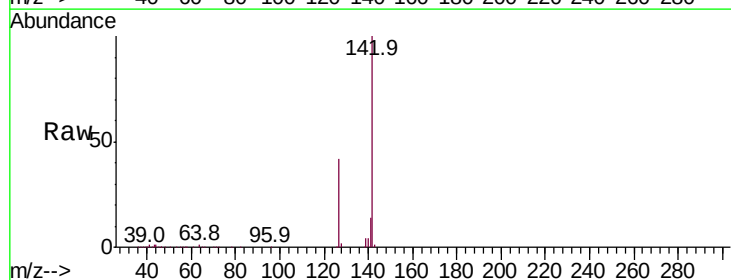
Tgt Ion:142 Resp: 179162

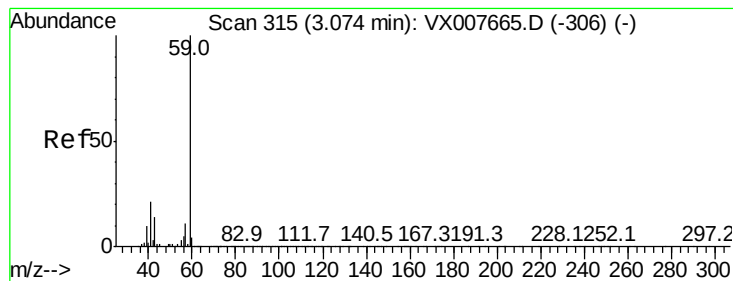
Ion Ratio Lower Upper

142 100

127 42.3 33.7 50.5

141 14.5 11.3 16.9



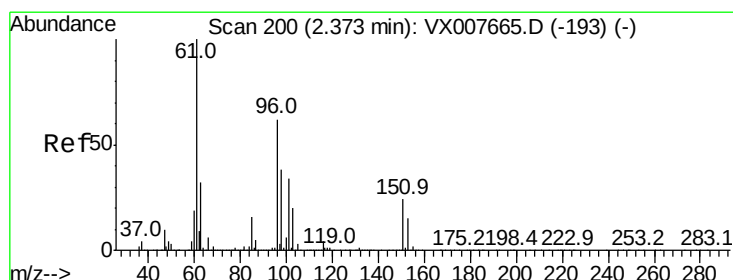
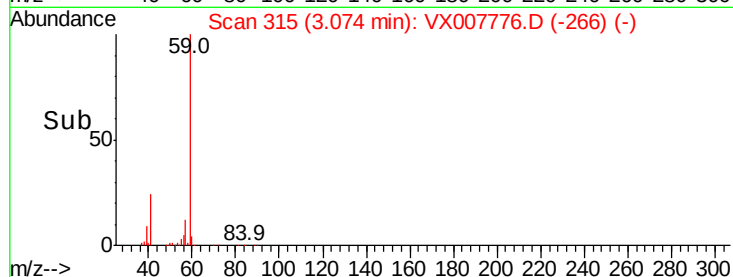
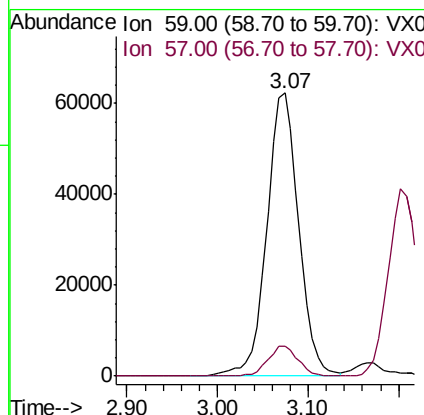
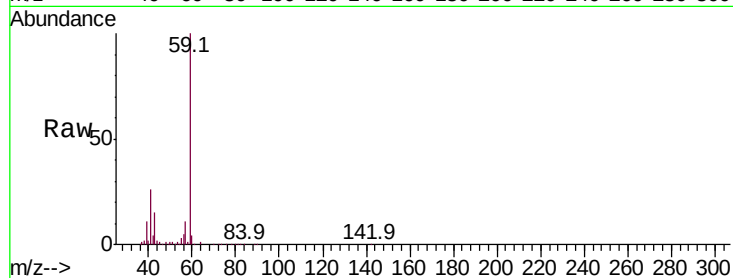


#11

Tert butyl alcohol
Concen: 231.117 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

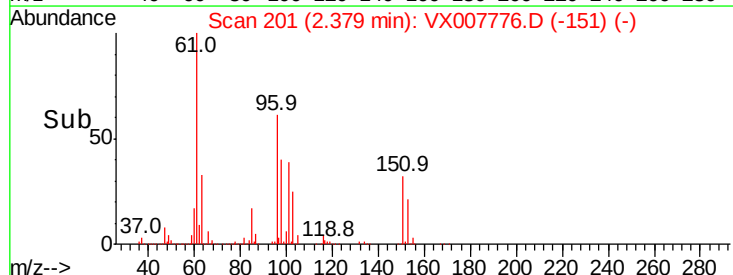
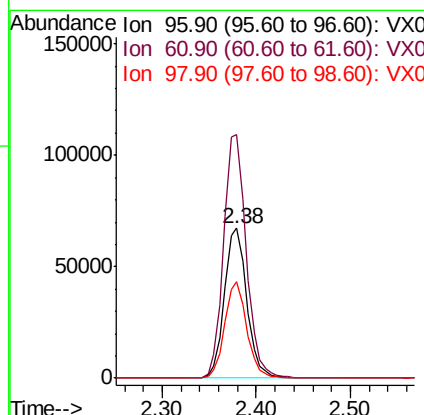
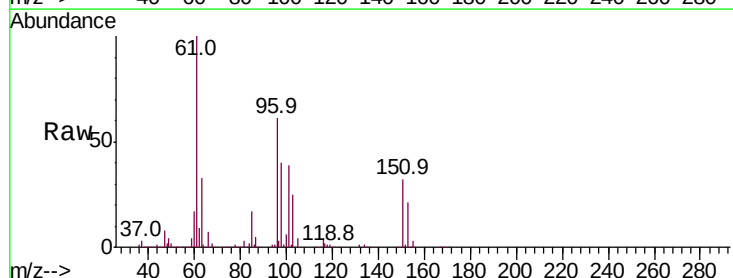
Tot Ion: 59 Resp: 151572
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

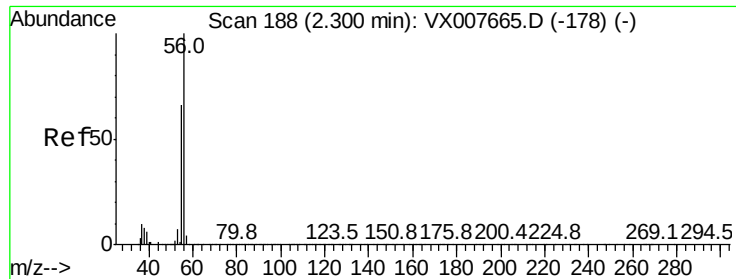


#12

1,1-Dichloroethene
Concen: 45.570 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion: 96 Resp: 111232
Ion Ratio Lower Upper
96 100
61 162.6 123.0 184.4
98 64.6 50.9 76.3





#13

Acrolein

Concen: 178.895 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

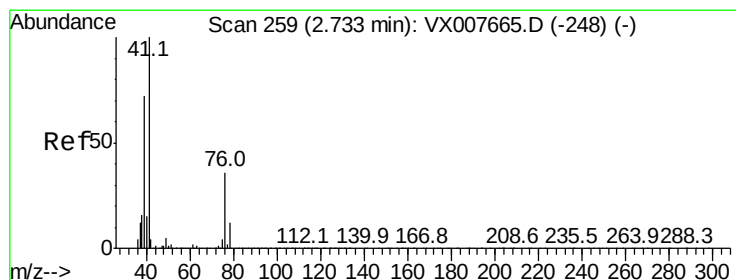
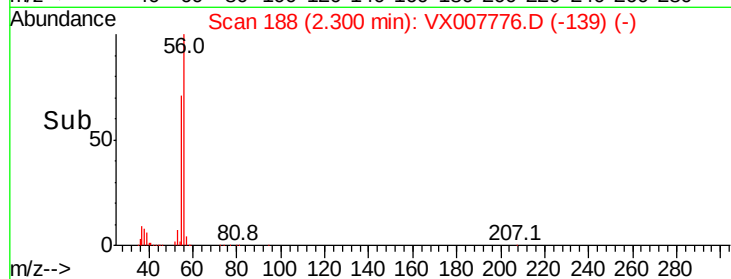
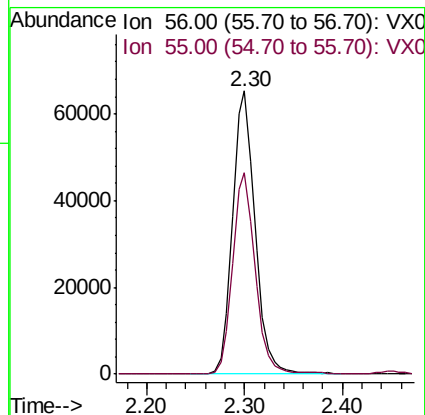
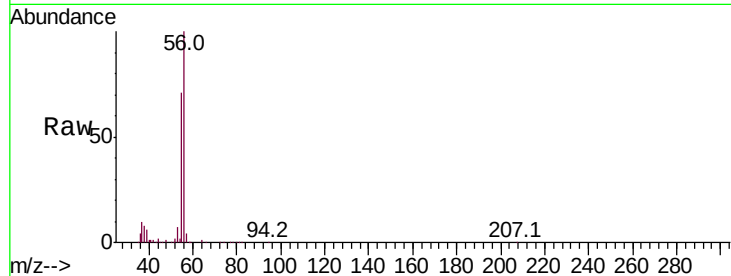
A0C1-TWPMS

Tot Ion: 56 Resp: 104255

Ion Ratio Lower Upper

56 100

55 71.0 56.9 85.3



#14

Allyl chloride

Concen: 52.278 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

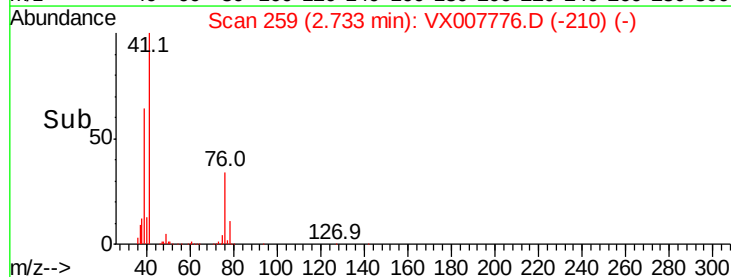
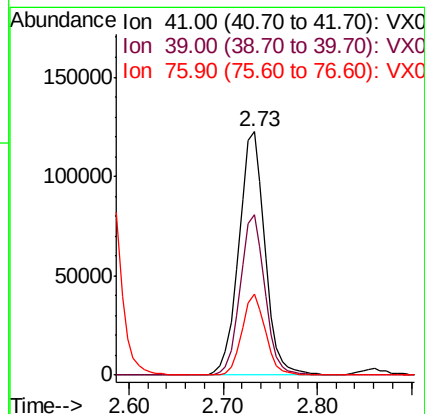
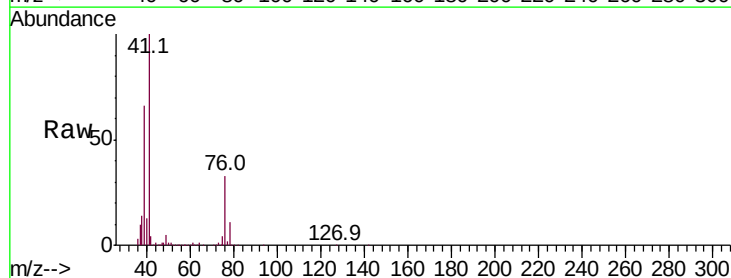
Tgt Ion: 41 Resp: 235946

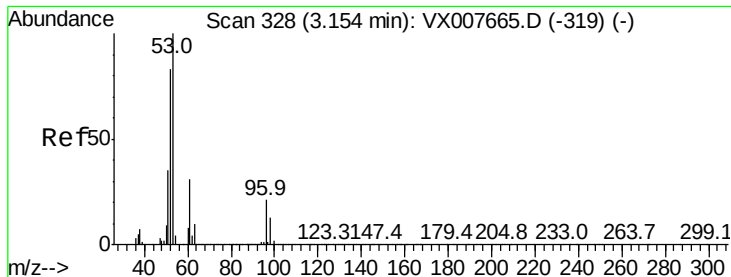
Ion Ratio Lower Upper

41 100

39 62.7 54.1 81.1

76 29.9 27.8 41.8





#15

Acrylonitrile

Concen: 259.116 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

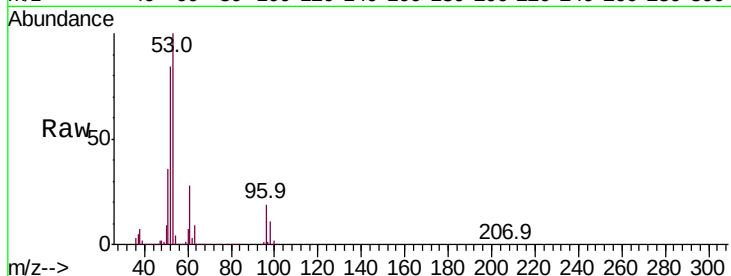
Tot Ion: 53 Resp: 399907

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

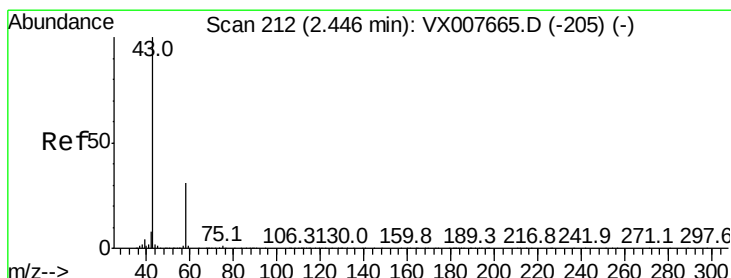
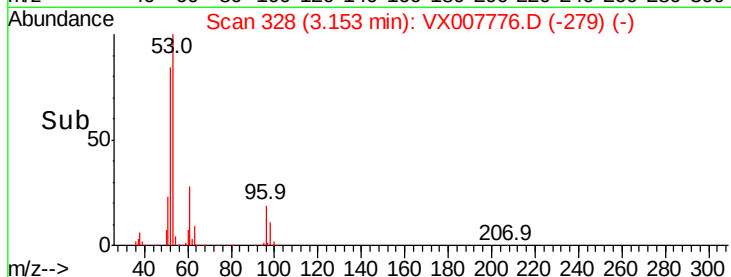
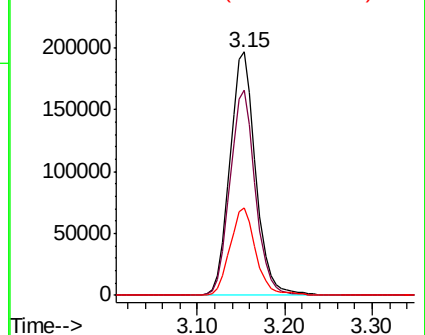
51 36.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 224.116 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007776.D

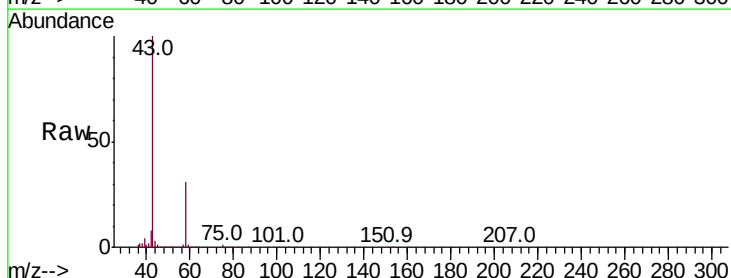
Acq: 28 Feb 2019 19:32

Tgt Ion: 43 Resp: 344492

Ion Ratio Lower Upper

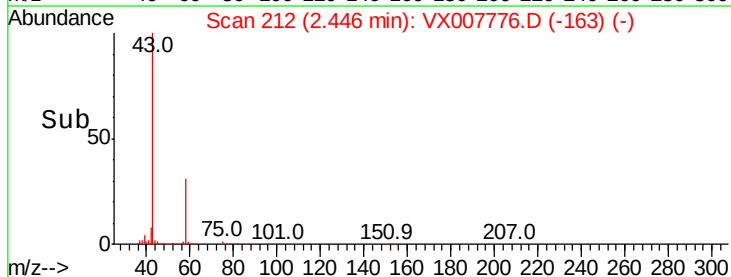
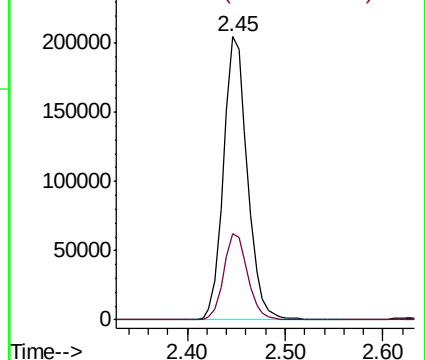
43 100

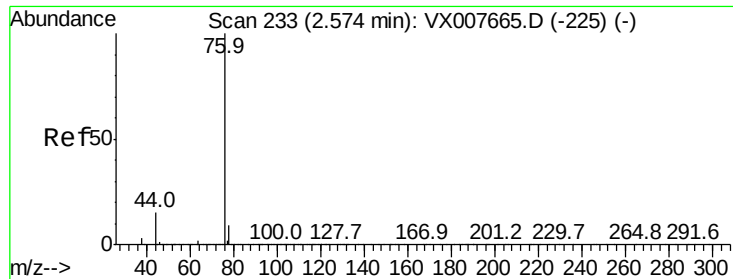
58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.836 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

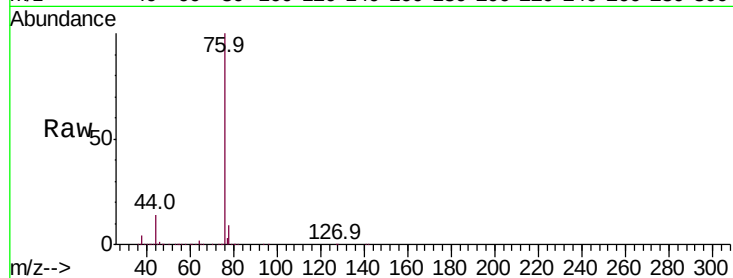
A0C1-TWPMS

Tot Ion: 76 Resp: 304473

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

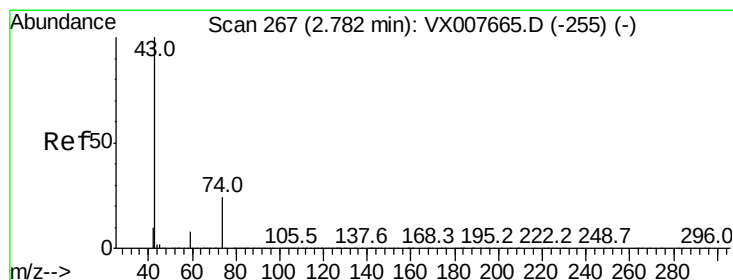
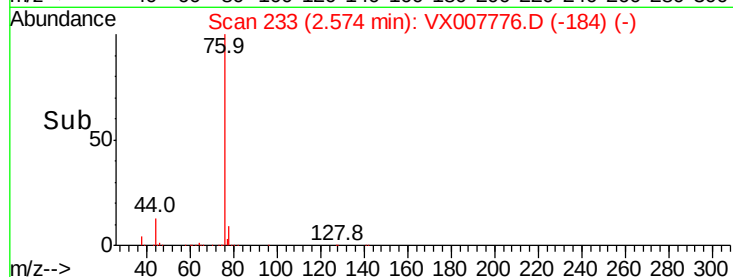
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.707 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007776.D

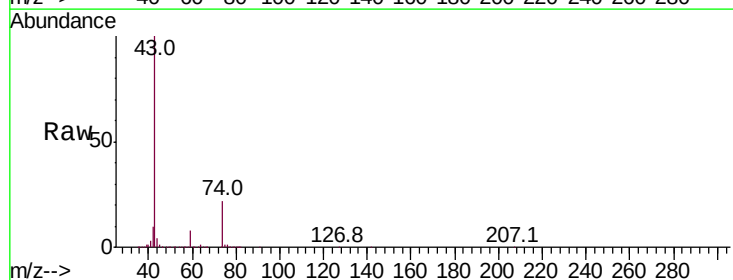
Acq: 28 Feb 2019 19:32

Tgt Ion: 43 Resp: 166723

Ion Ratio Lower Upper

43 100

74 21.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

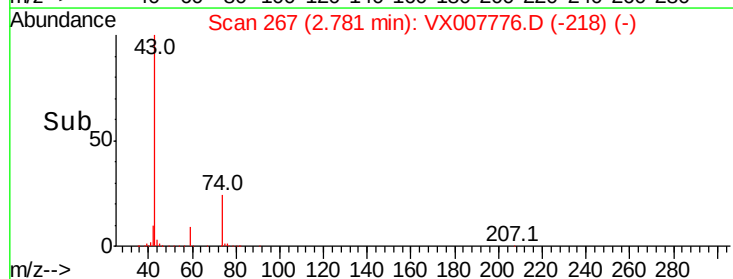
60000

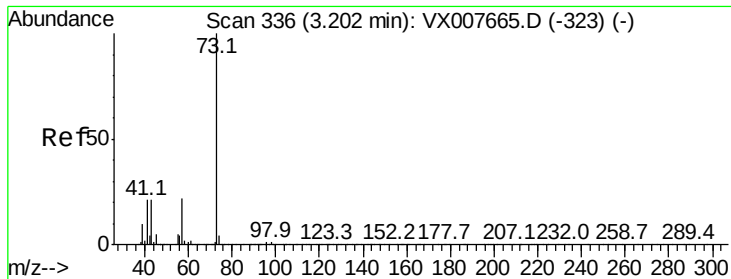
40000

20000

0

Time-->

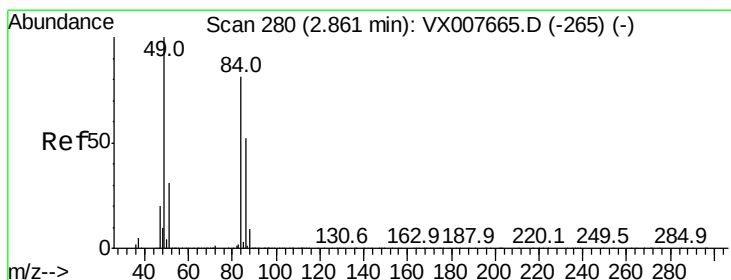
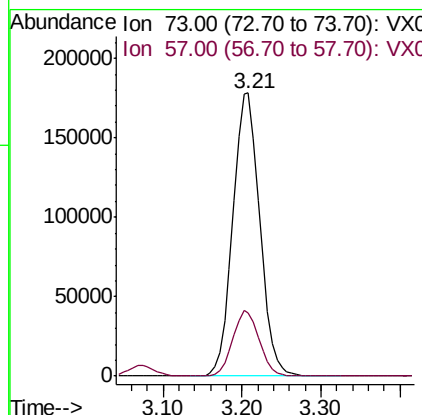
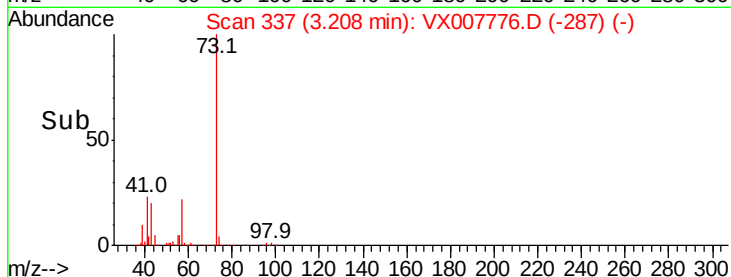
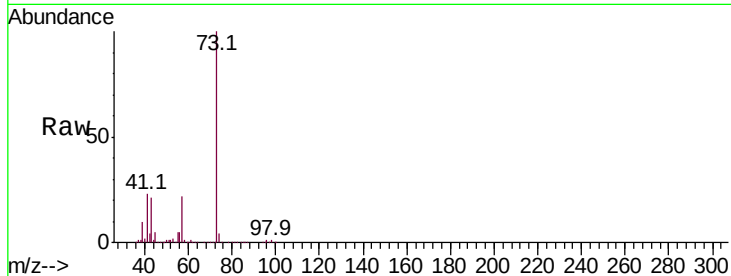




#19
Methyl tert-butyl Ether
Concen: 49.809 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

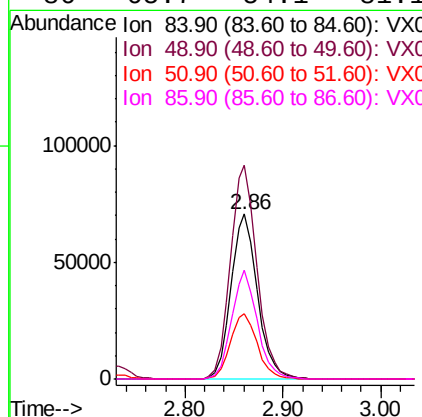
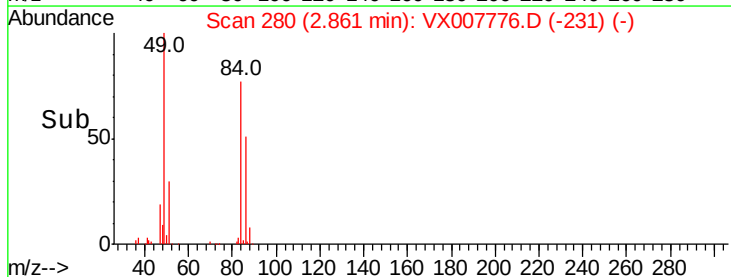
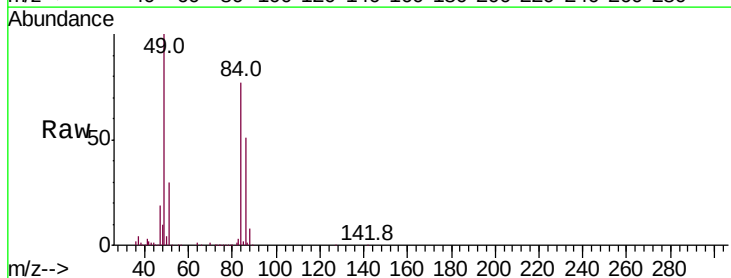
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

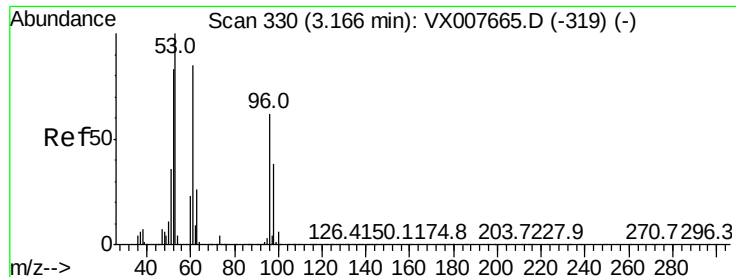
Tot Ion: 73 Resp: 423380
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 46.565 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion: 84 Resp: 132165
Ion Ratio Lower Upper
84 100
49 129.4 94.8 142.2
51 39.2 29.8 44.8
86 65.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 45.939 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

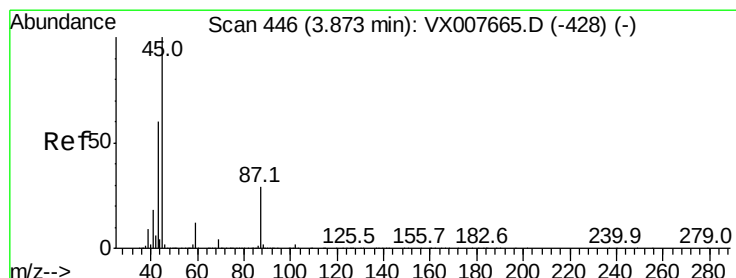
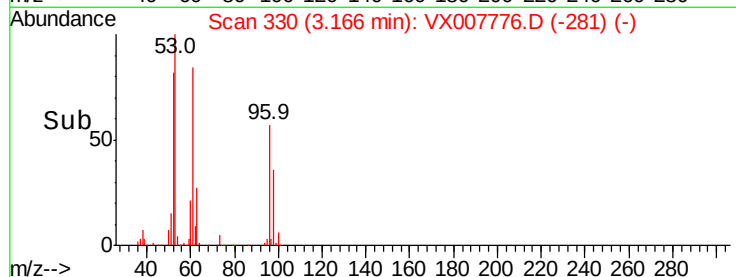
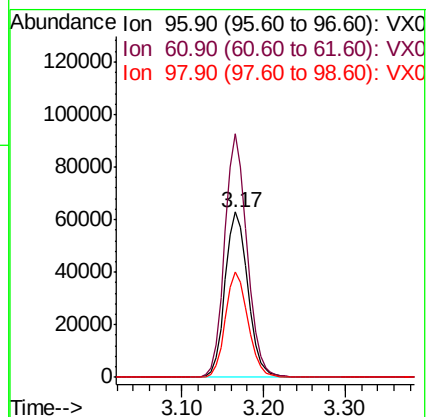
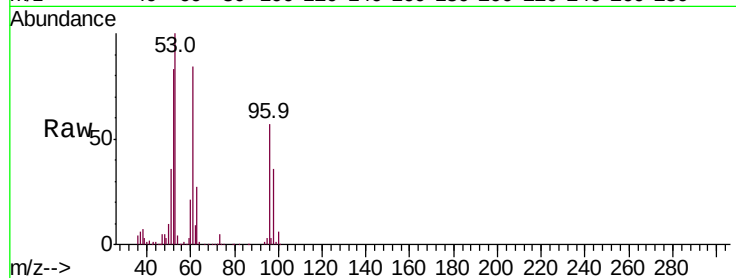
Tot Ion: 96 Resp: 121902

Ion Ratio Lower Upper

96 100

61 147.5 104.6 156.8

98 63.7 51.0 76.4



#22

Diisopropyl ether

Concen: 52.341 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion: 45 Resp: 491756

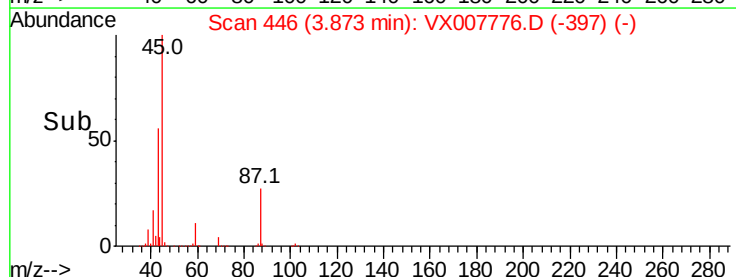
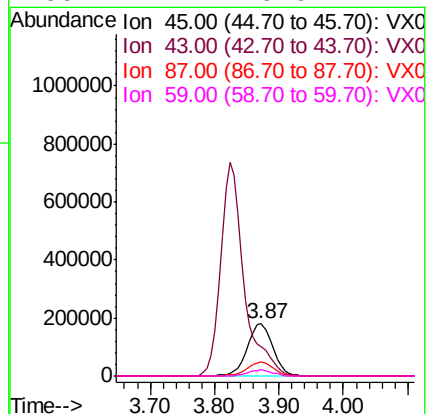
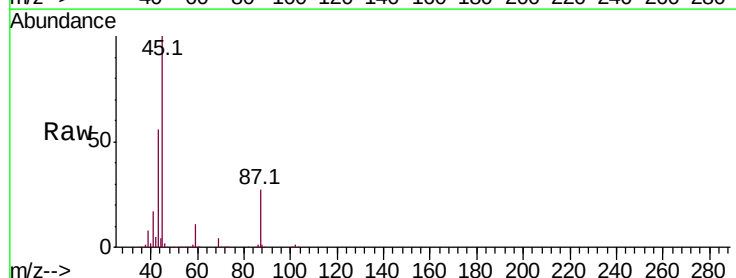
Ion Ratio Lower Upper

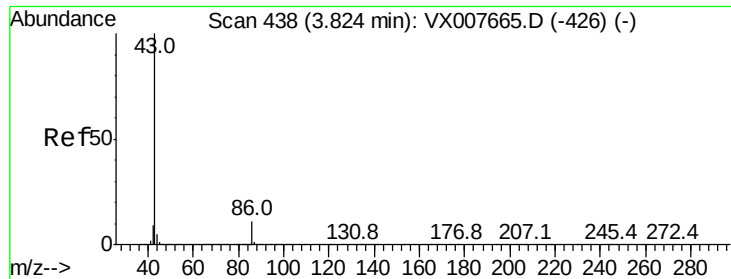
45 100

43 55.7 48.9 73.3

87 26.6 23.9 35.9

59 11.2 9.6 14.4





#23

Vinyl Acetate

Concen: 228.312 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

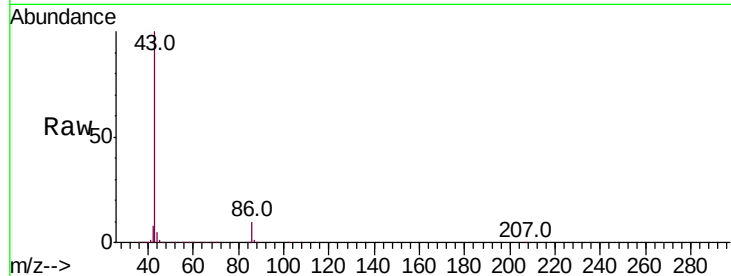
A0C1-TWPMS

Tot Ion: 43 Resp: 1881980

Ion Ratio Lower Upper

43 100

86 9.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

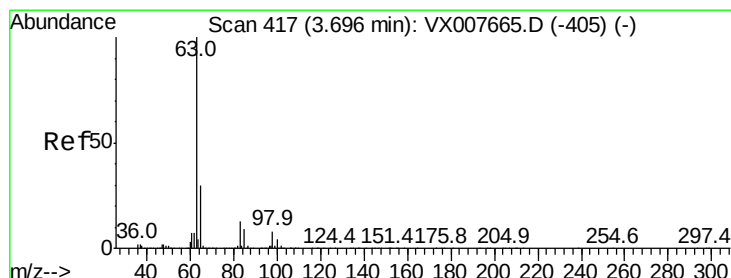
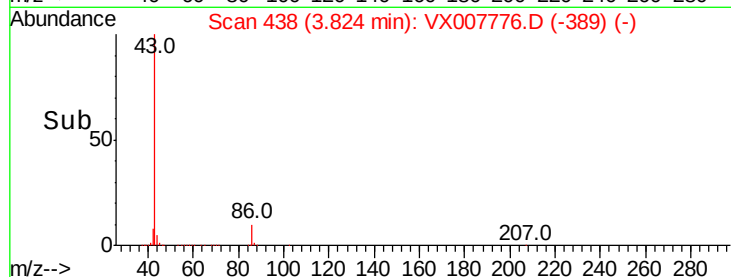
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.057 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

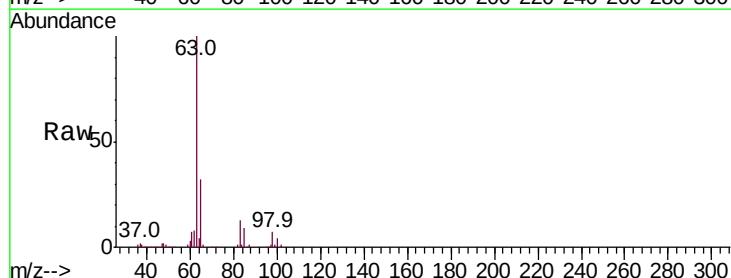
Tgt Ion: 63 Resp: 255597

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

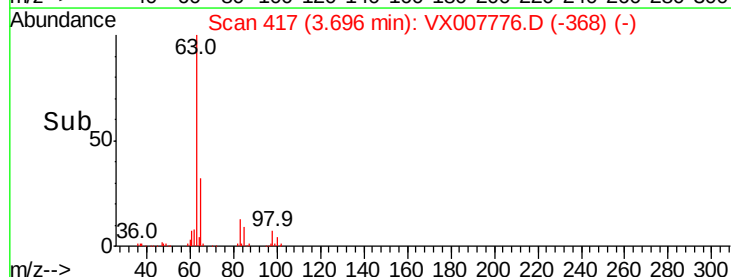
3.70

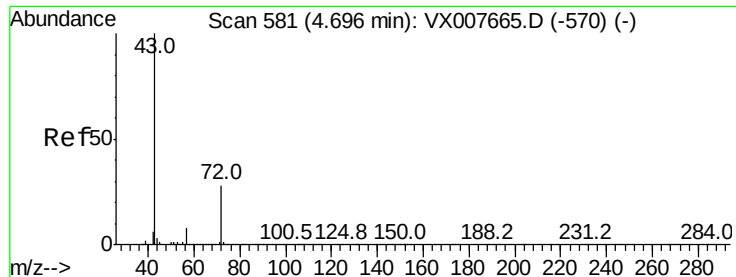
100000

50000

0

Time-->





#25

2-Butanone

Concen: 251.898 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

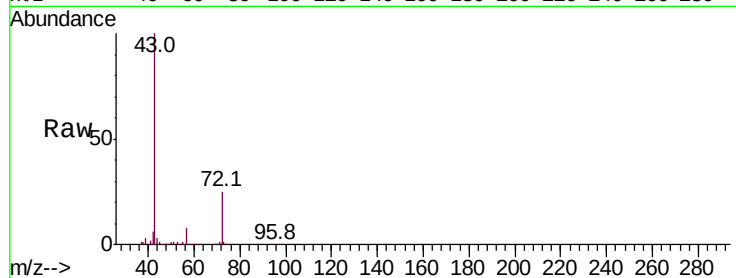
A0C1-TWPMS

Tot Ion: 43 Resp: 589801

Ion Ratio Lower Upper

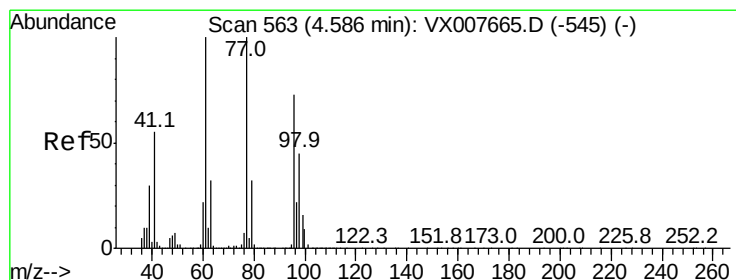
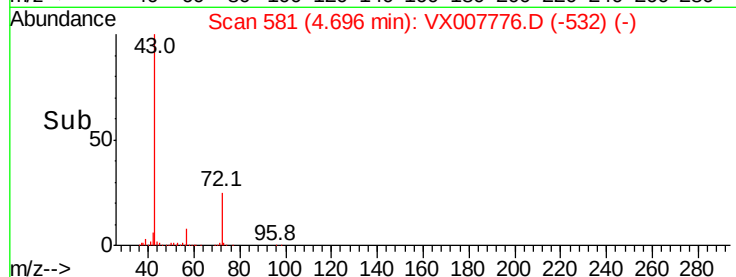
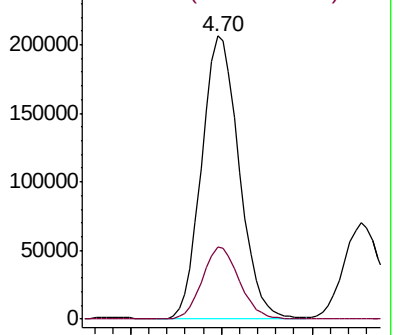
43 100

72 25.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.282 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007776.D

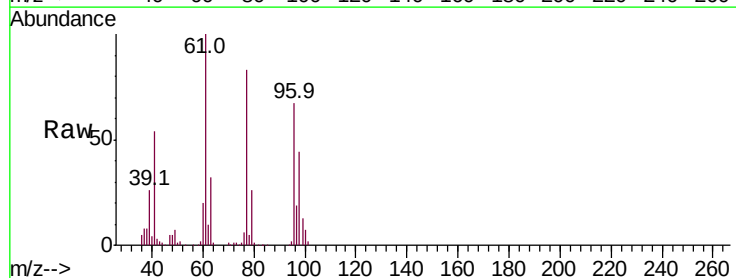
Acq: 28 Feb 2019 19:32

Tgt Ion: 77 Resp: 160109

Ion Ratio Lower Upper

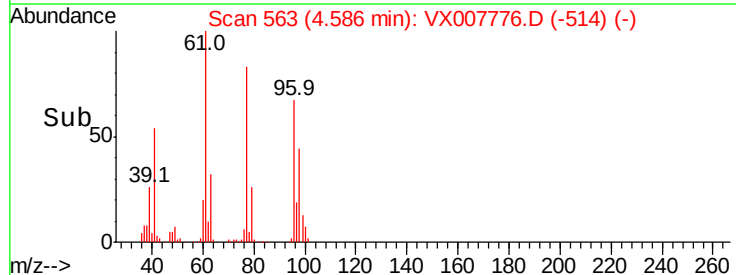
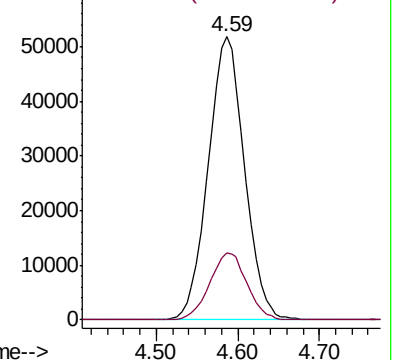
77 100

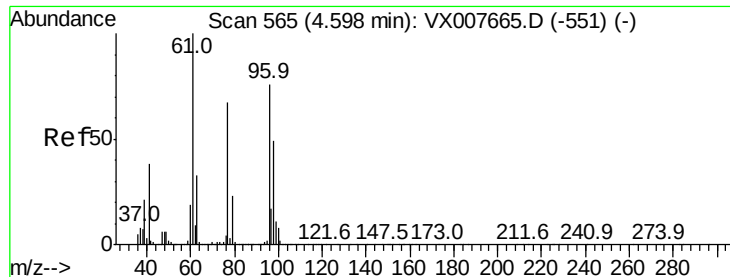
97 24.3 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



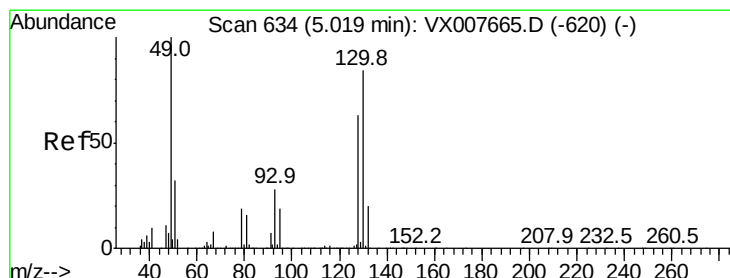
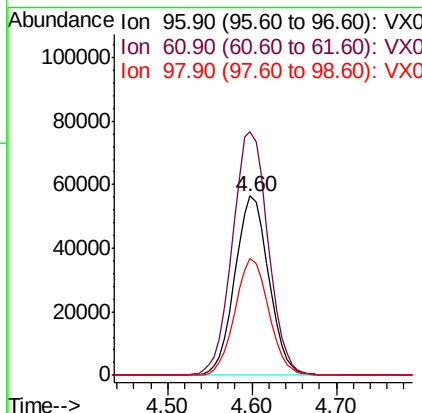
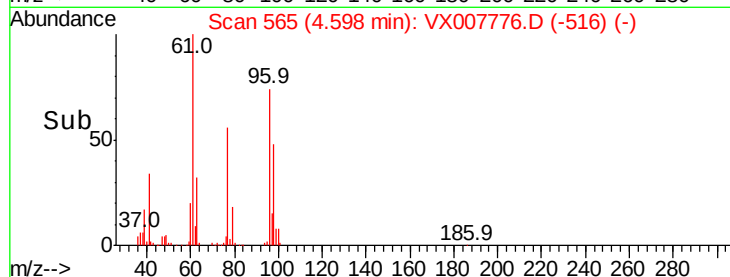
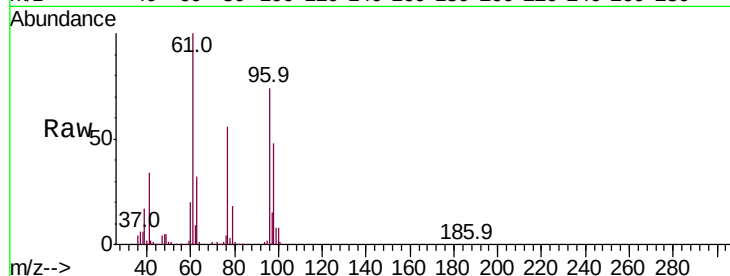


#27

cis-1,2-Dichloroethene
 Concen: 45.596 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

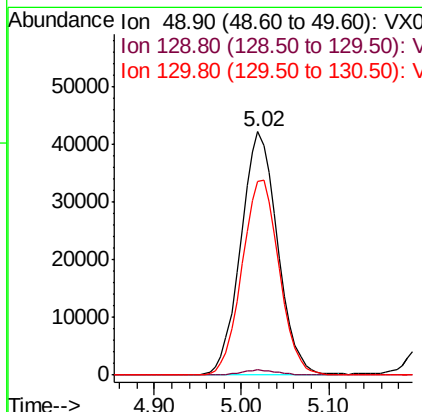
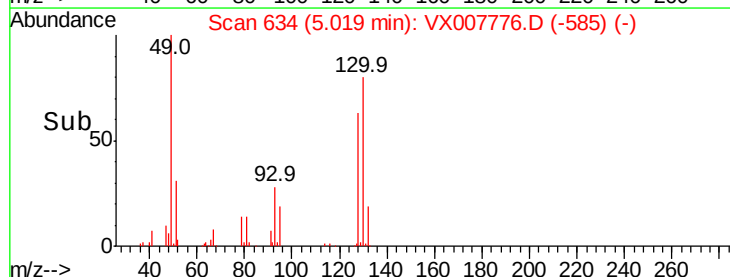
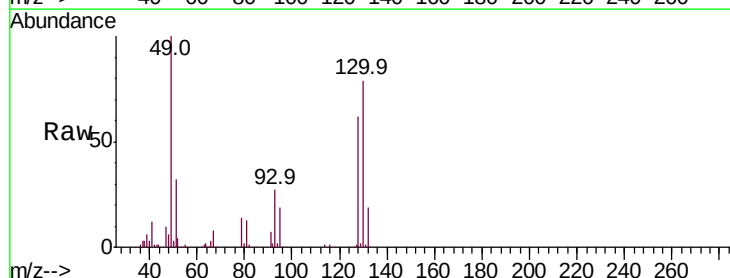
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	265.6
98	65.1	0.0	131.6

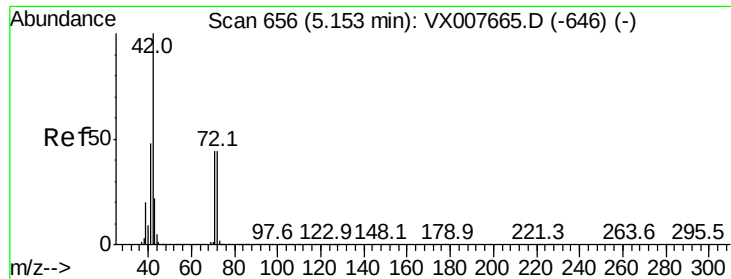


#28

Bromochloromethane
 Concen: 49.840 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	81.0	75.6	113.4

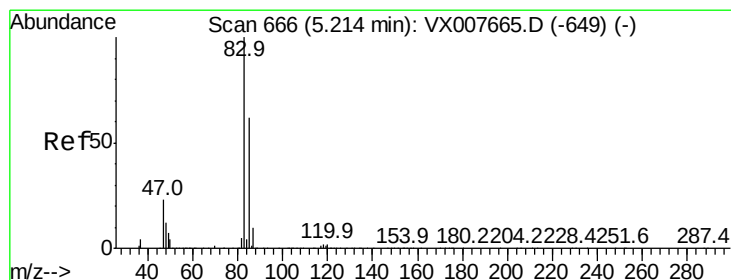
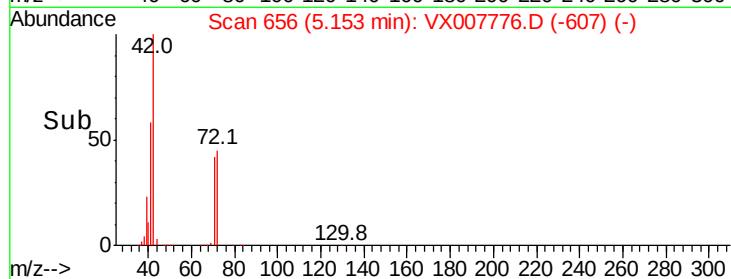
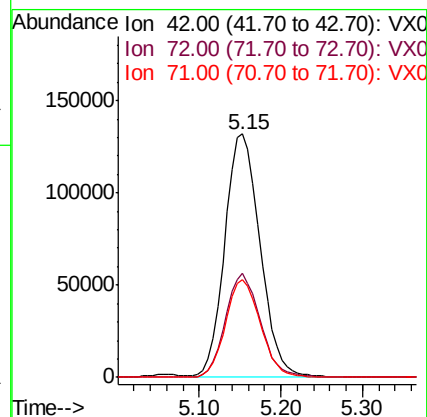
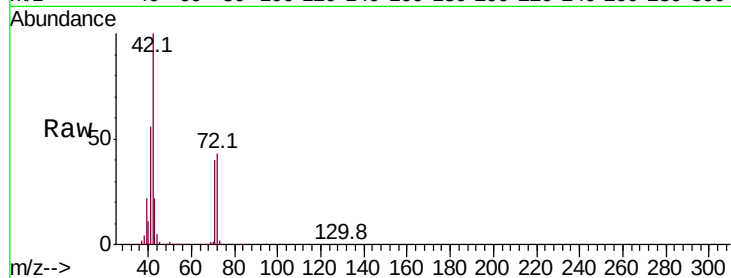




#29
Tetrahydrofuran
Concen: 255.129 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

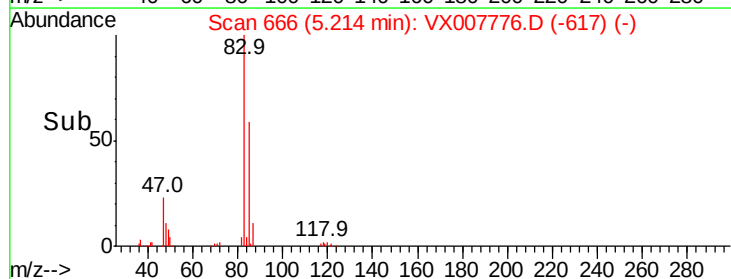
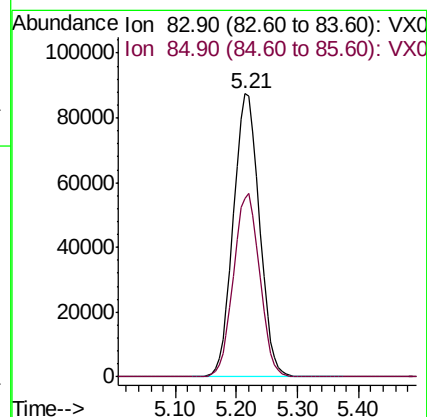
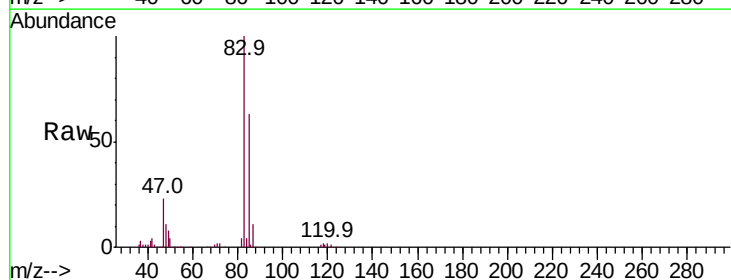
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

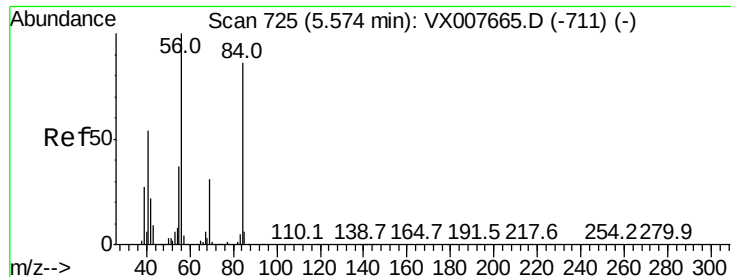
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	37.6	56.4
71	39.7	34.6	51.8



#30
Chloroform
Concen: 46.855 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4

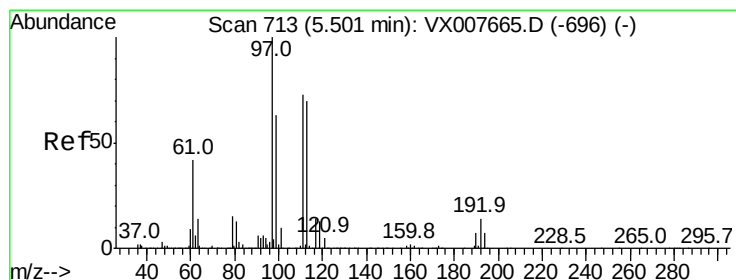
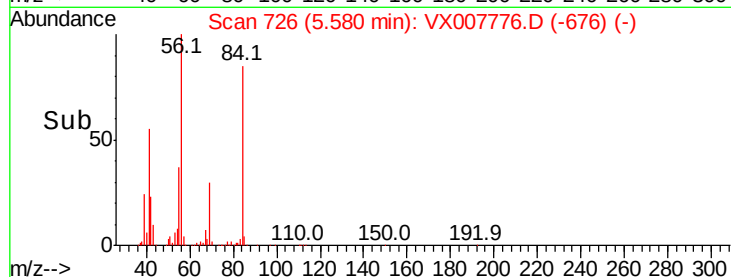
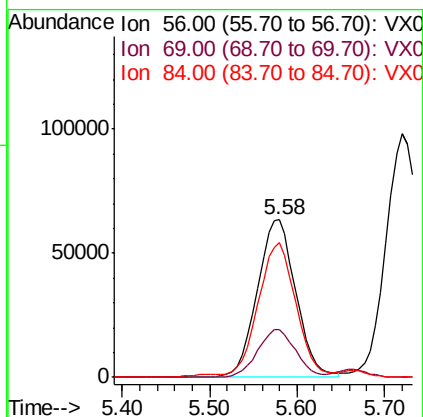
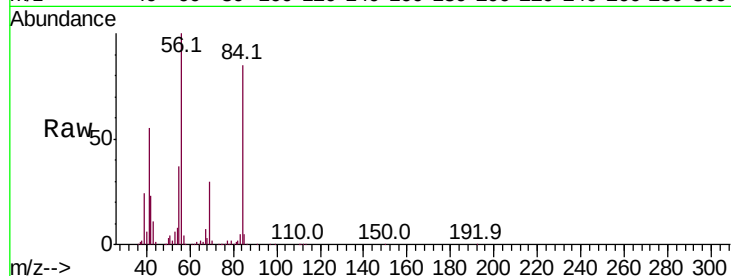




#31
Cyclohexane
Concen: 40.483 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

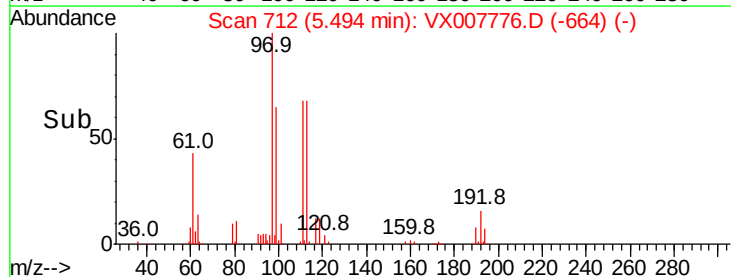
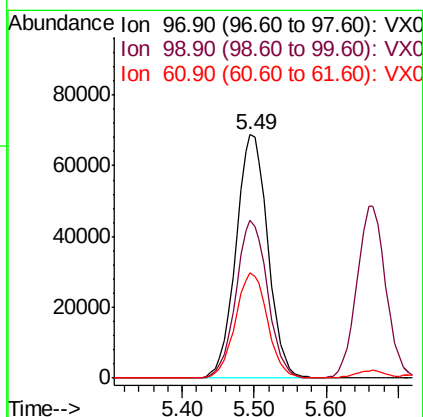
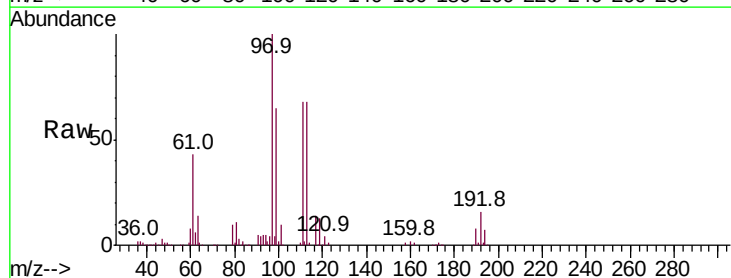
Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

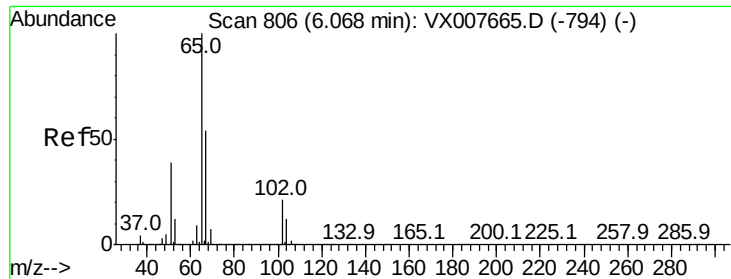
Tot Ion: 56 Resp: 194443
Ion Ratio Lower Upper
56 100
69 30.0 23.0 34.6
84 84.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 46.603 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion: 97 Resp: 210806
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 43.7 32.7 49.1

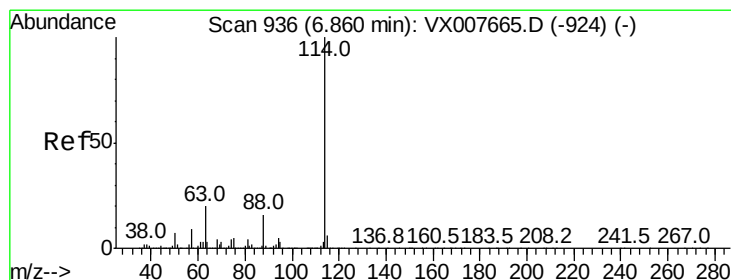
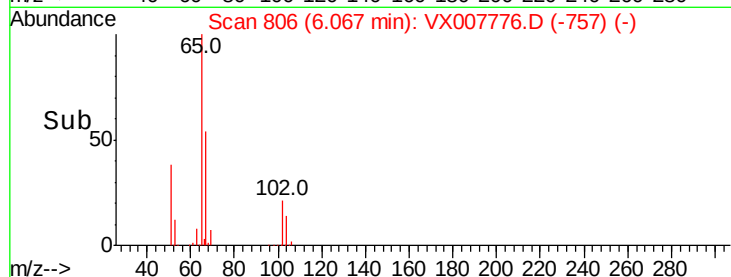
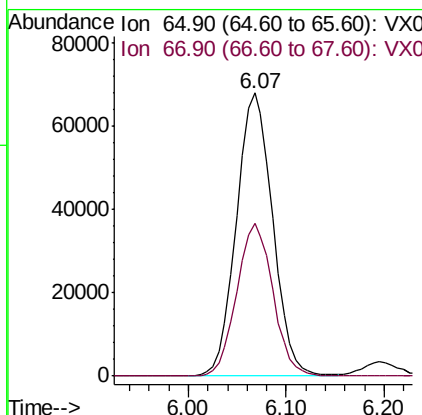
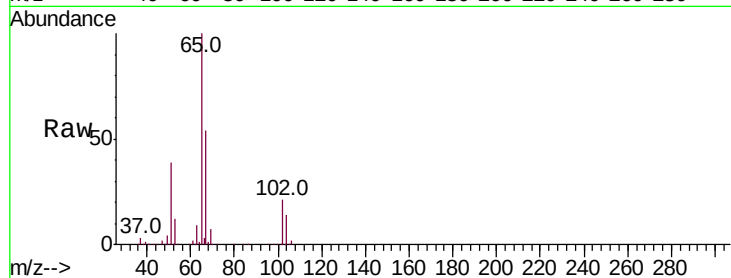




#33
 1,2-Dichloroethane-d4
 Concen: 50.819 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

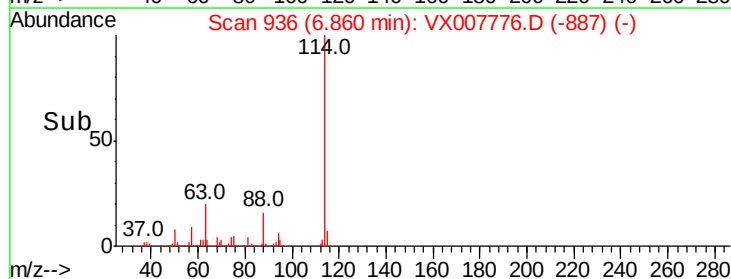
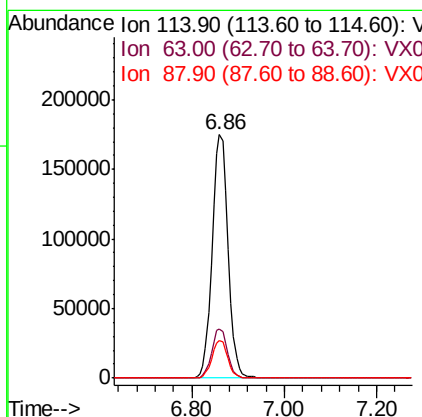
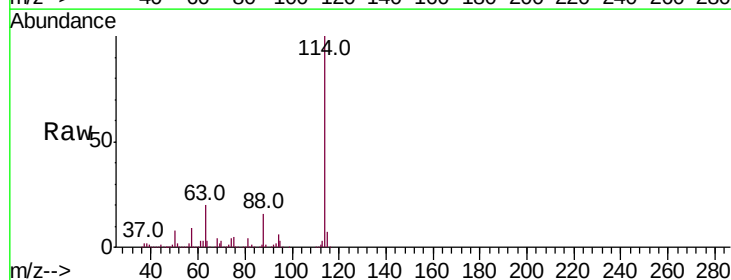
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

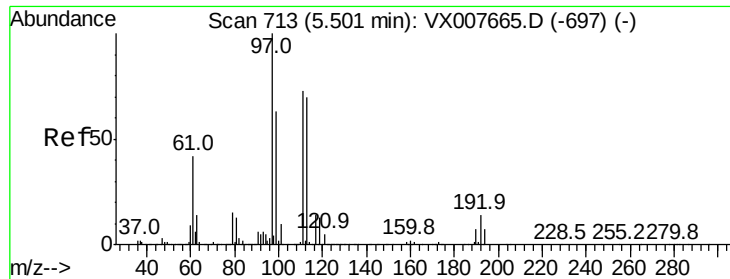
Tot Ion: 65 Resp: 175656
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion: 114 Resp: 417359
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 35.6
 88 15.5 0.0 29.6

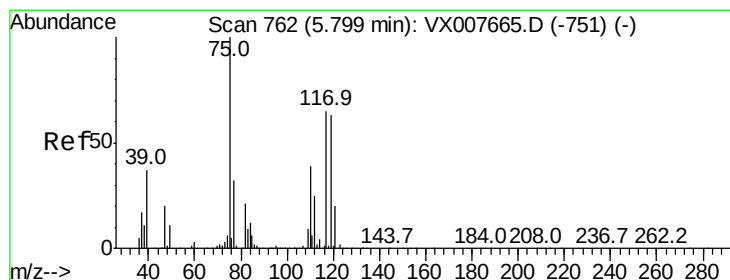
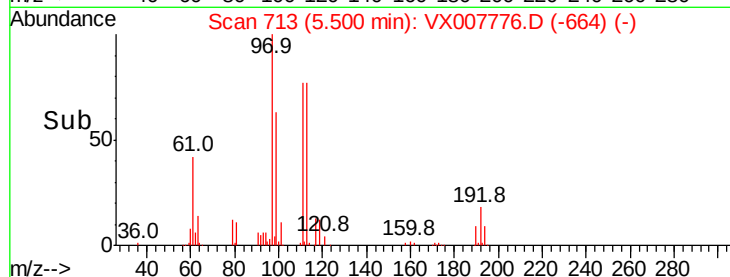
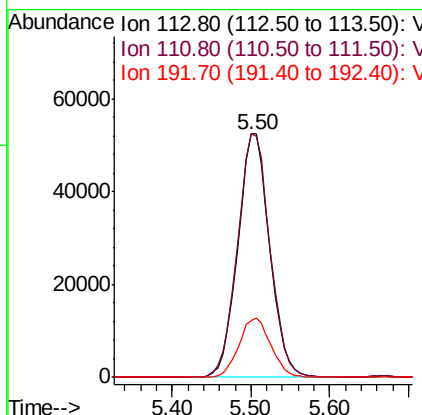
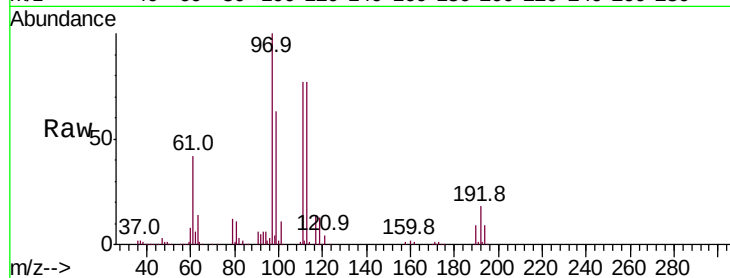




#35
 Dibromofluoromethane
 Concen: 52.792 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

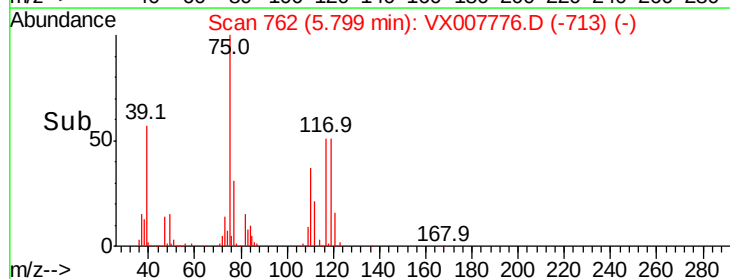
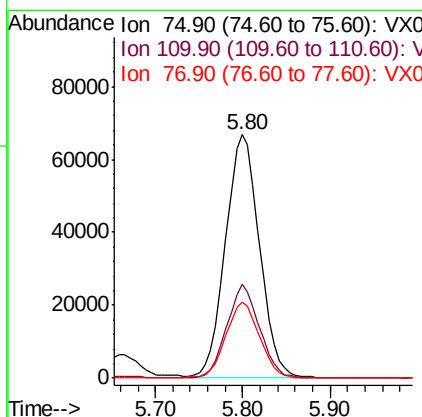
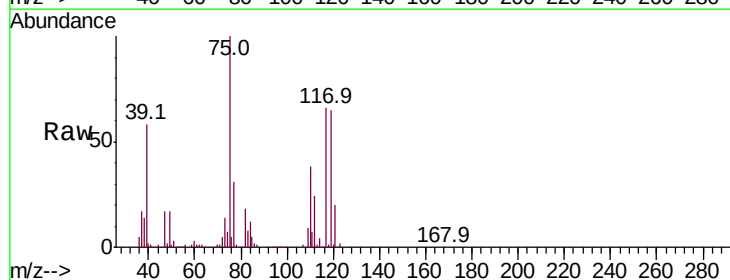
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

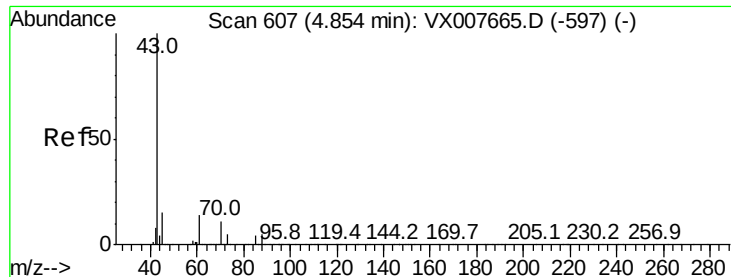
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	24.4	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 47.865 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	20.0	59.9
77	31.5	24.7	37.1

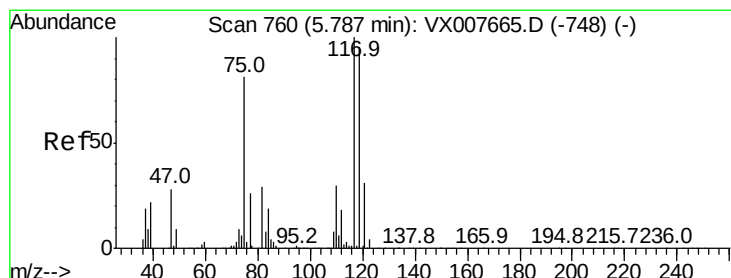
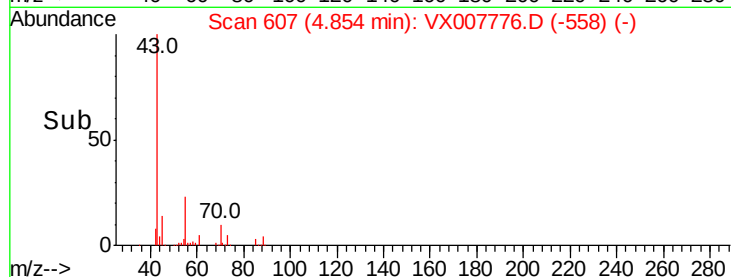
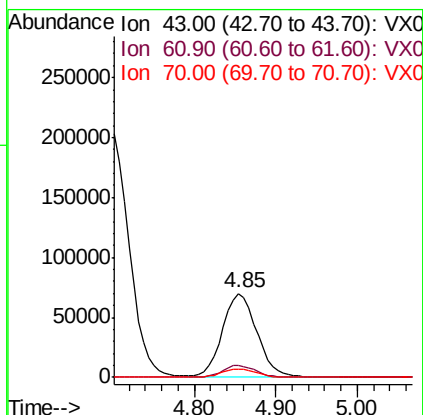
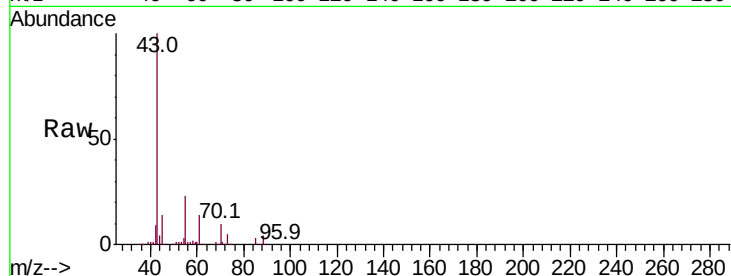




#37
Ethyl Acetate
Concen: 48.743 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

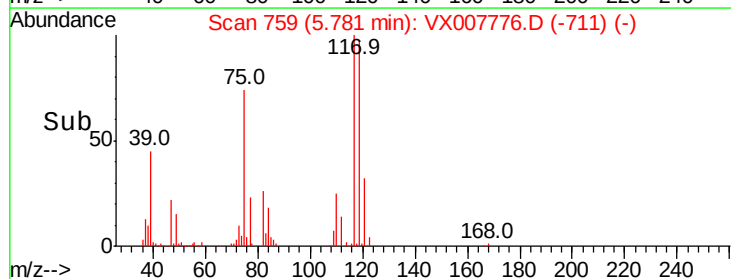
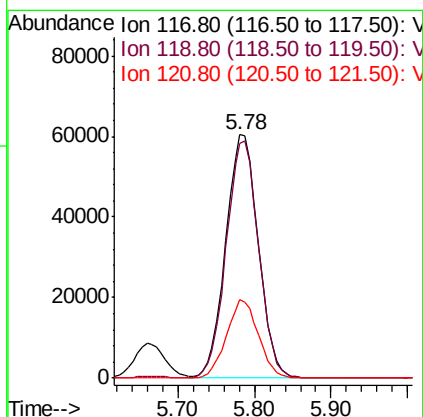
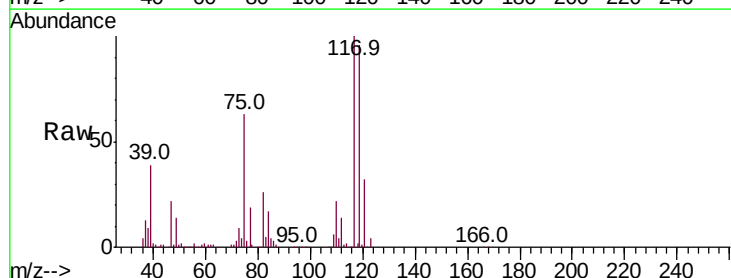
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

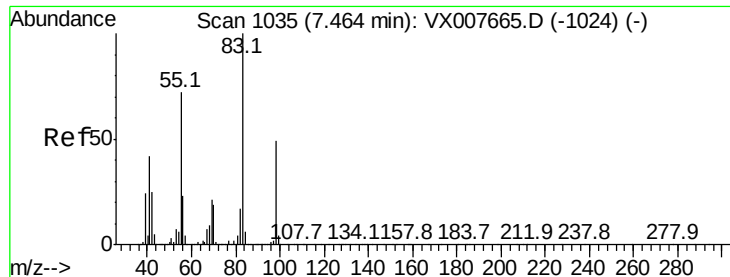
Tot Ion: 43 Resp: 203165
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.5 8.6 13.0



#38
Carbon Tetrachloride
Concen: 47.363 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion: 117 Resp: 178518
Ion Ratio Lower Upper
117 100
119 96.3 75.3 112.9
121 32.1 25.0 37.4

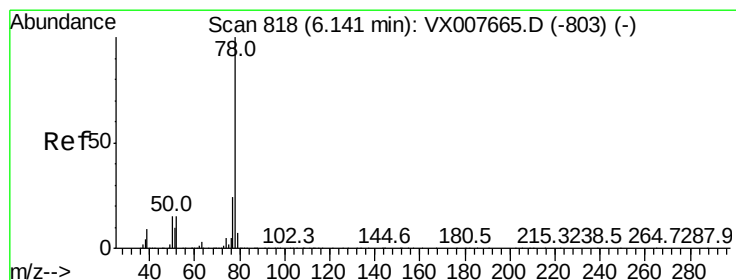
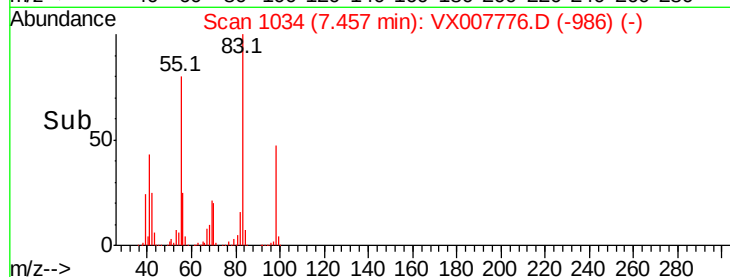
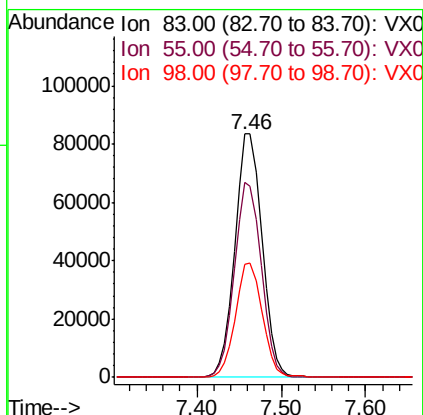
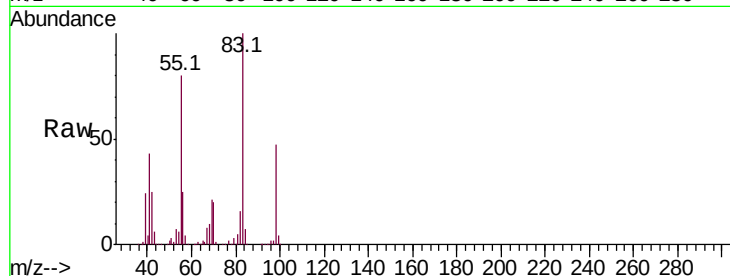




#39
Methylvlcyclohexane
Concen: 38.436 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

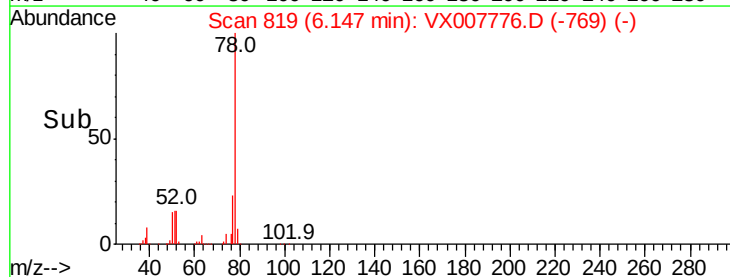
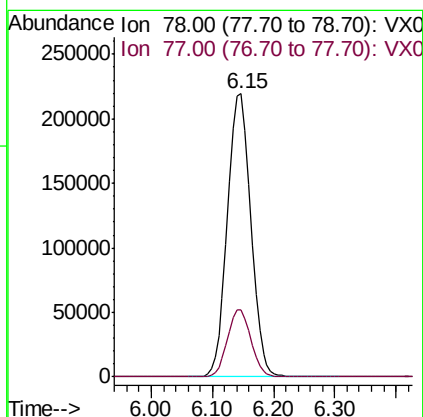
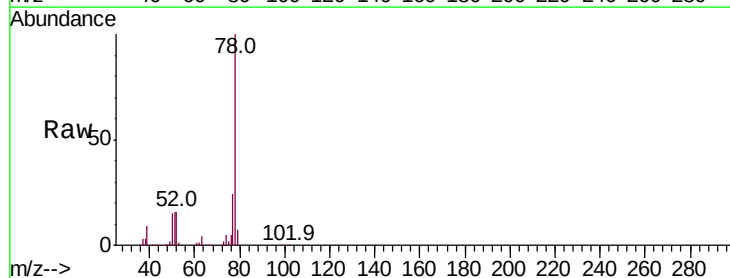
Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

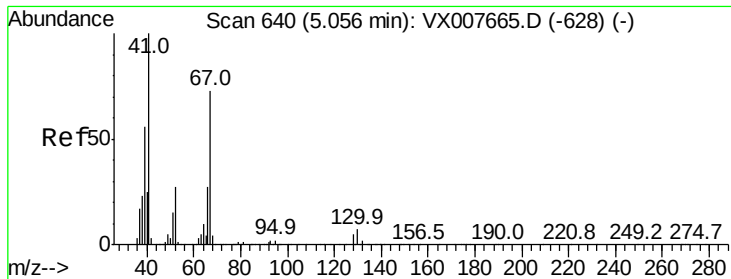
Tot Ion	83	Resp	182275
Ion Ratio	100	Lower	Upper
55	80.0	56.2	84.2
98	46.5	36.8	55.2



#40
Benzene
Concen: 50.088 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	78	Resp	580165
Ion Ratio	100	Lower	Upper
77	23.7	19.3	28.9





#41

Methacrylonitrile

Concen: 58.515 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 41 Resp: 130236

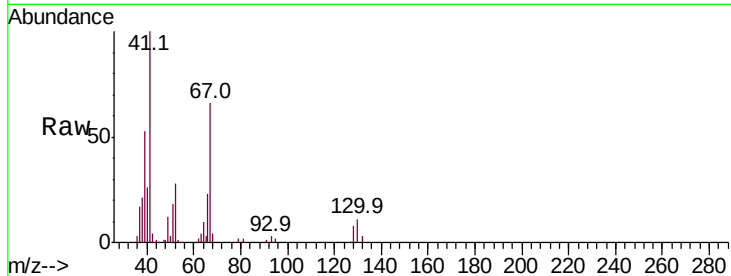
Ion Ratio Lower Upper

41 100

39 53.8 44.5 66.7

67 67.9 60.4 90.6

52 27.7 24.1 36.1

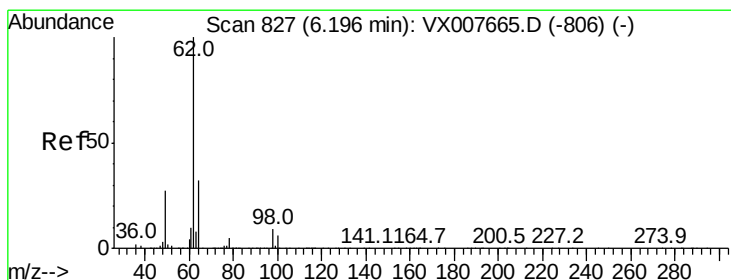
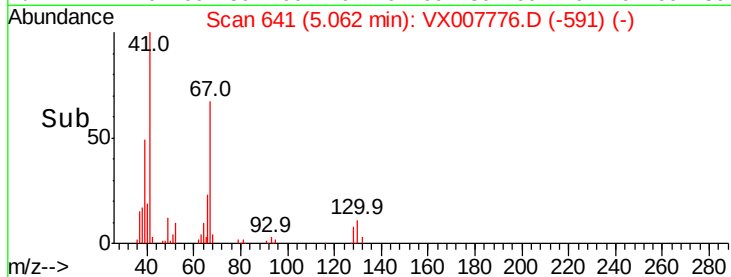
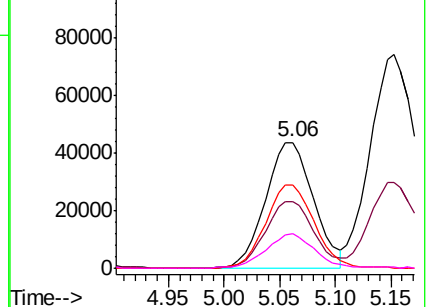


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.814 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007776.D

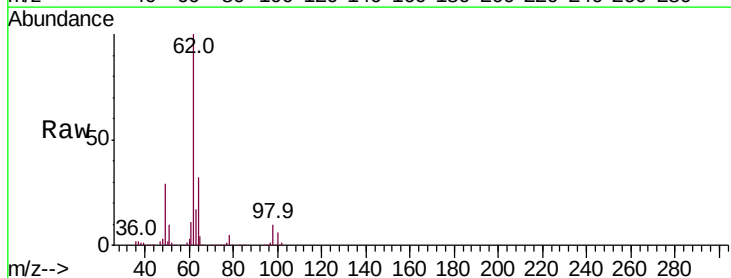
Acq: 28 Feb 2019 19:32

Tgt Ion: 62 Resp: 205609

Ion Ratio Lower Upper

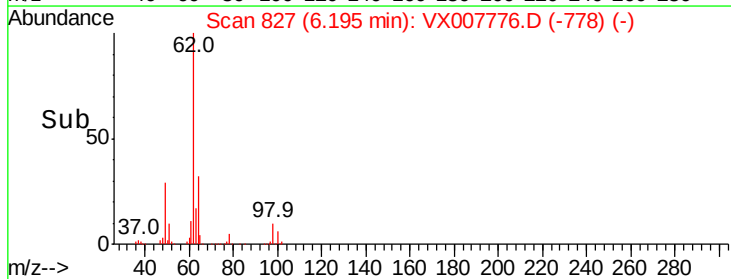
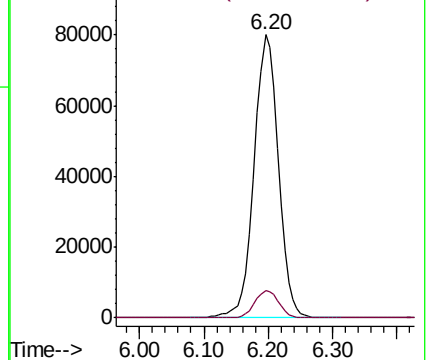
62 100

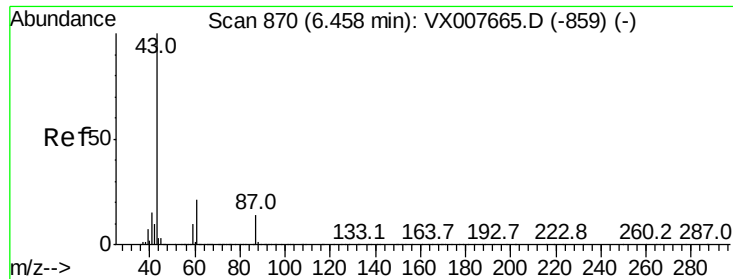
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.558 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

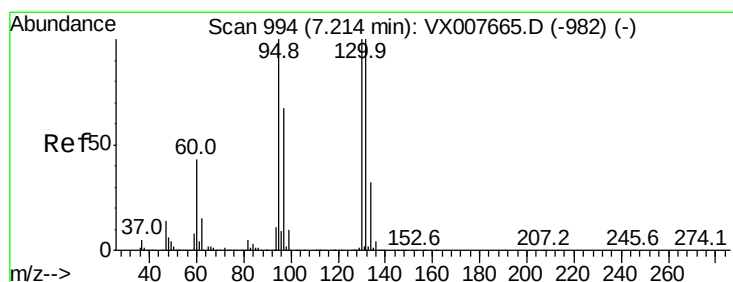
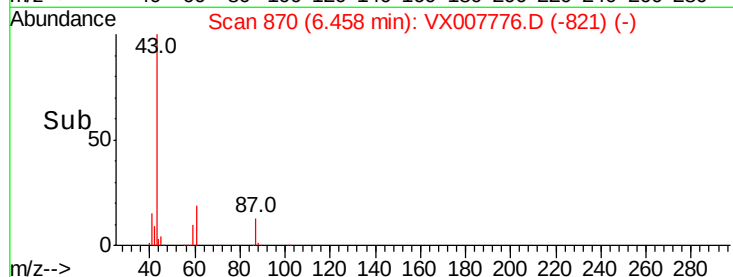
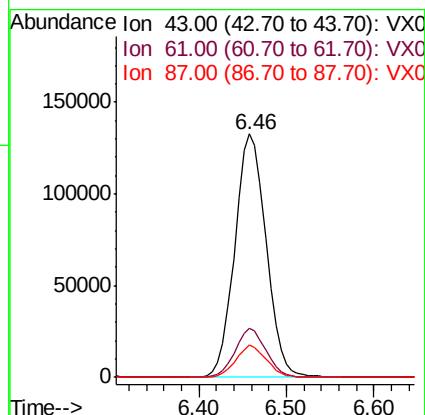
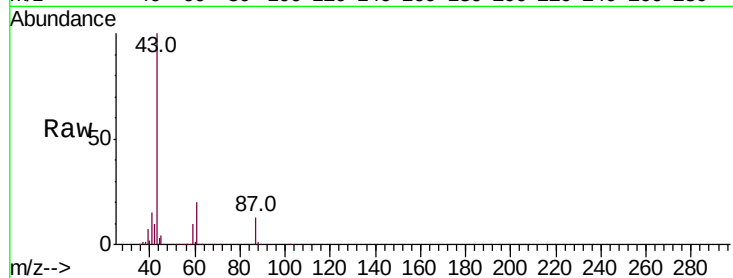
Tot Ion: 43 Resp: 330738

Ion Ratio Lower Upper

43 100

61 19.8 16.1 24.1

87 12.9 11.5 17.3



#44

Trichloroethene

Concen: 48.474 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007776.D

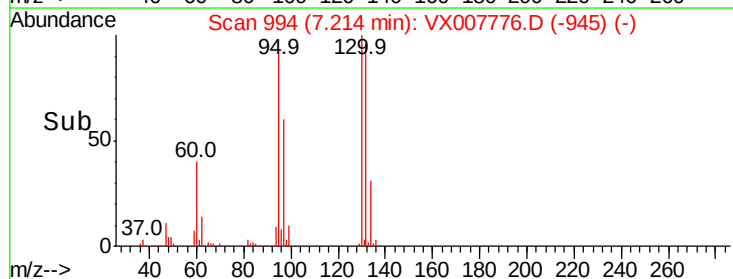
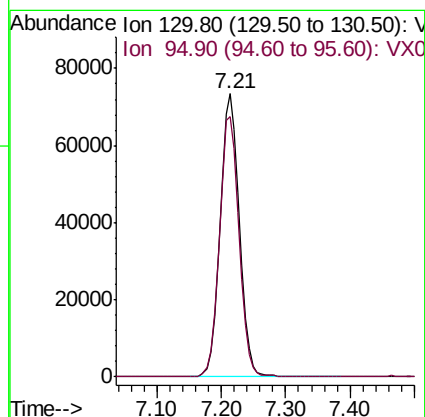
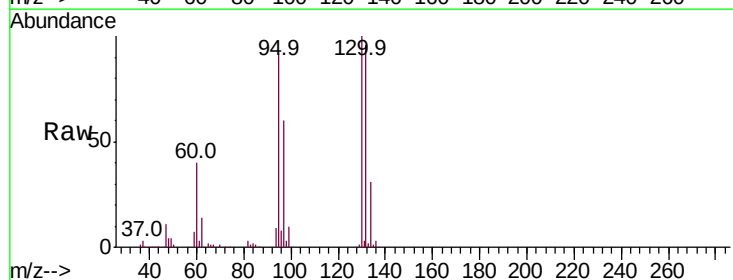
Acq: 28 Feb 2019 19:32

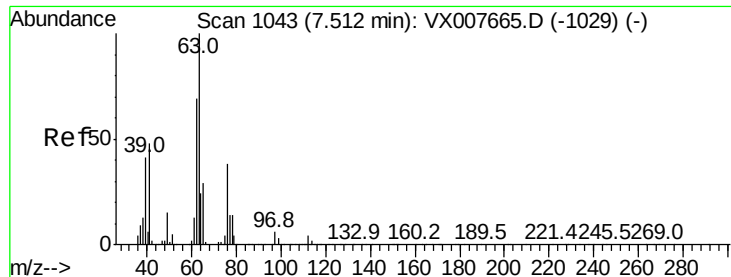
Tgt Ion:130 Resp: 154454

Ion Ratio Lower Upper

130 100

95 91.8 0.0 180.0





#45

1,2-Dichloropropane

Concen: 52.242 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

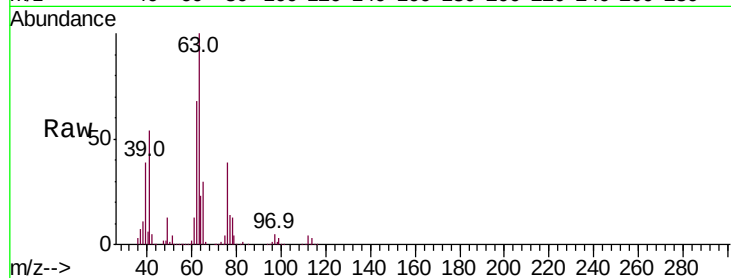
A0C1-TWPMS

Tot Ion: 63 Resp: 156749

Ion Ratio Lower Upper

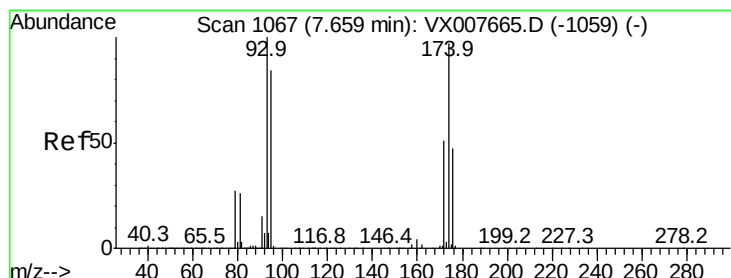
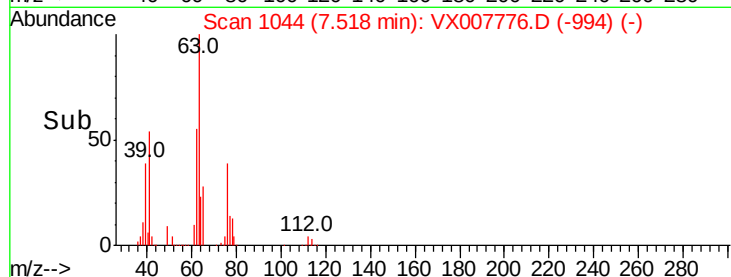
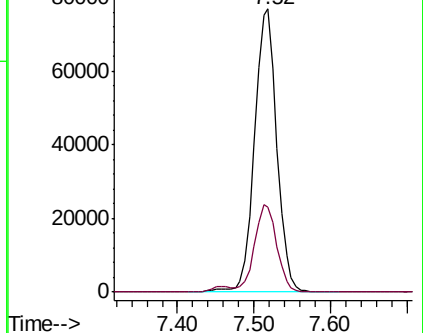
63 100

65 29.8 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.924 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

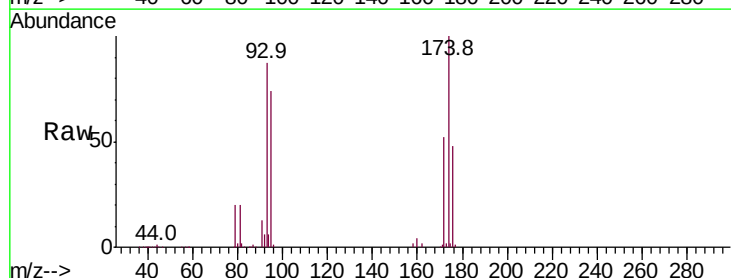
Tgt Ion: 93 Resp: 100316

Ion Ratio Lower Upper

93 100

95 84.7 67.6 101.4

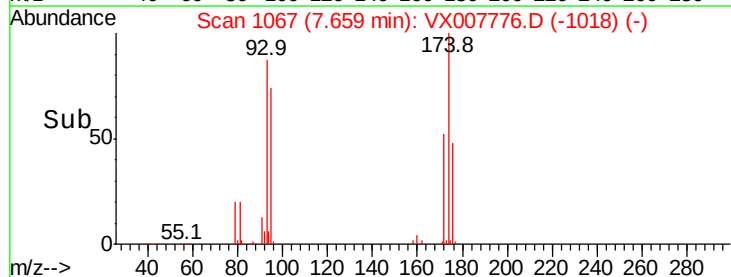
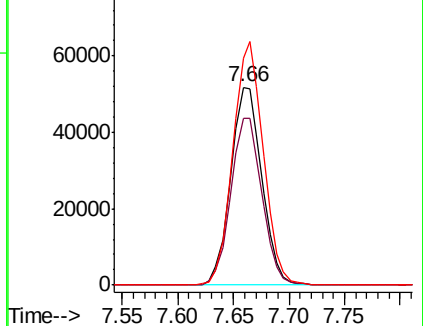
174 120.1 94.2 141.4

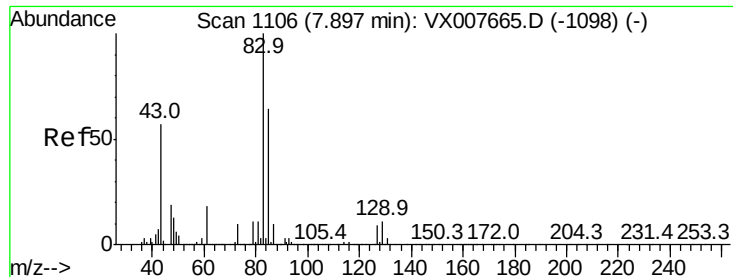


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.380 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

A0C1-TWPMS

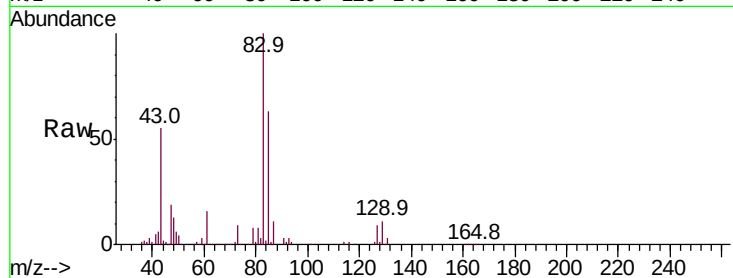
Tot Ion: 83 Resp: 190005

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

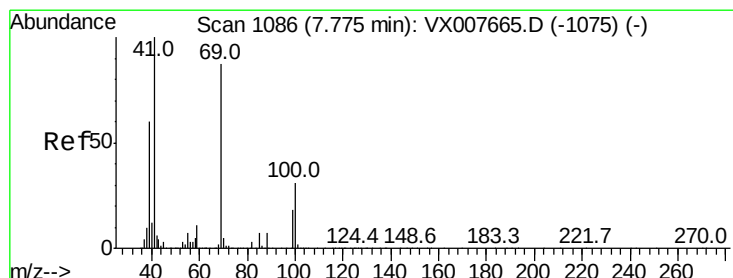
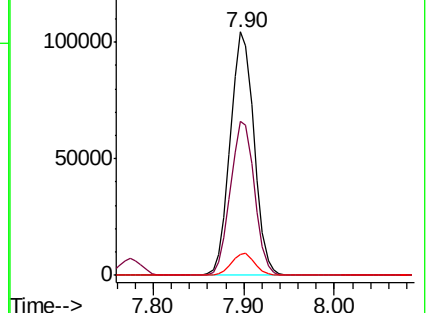
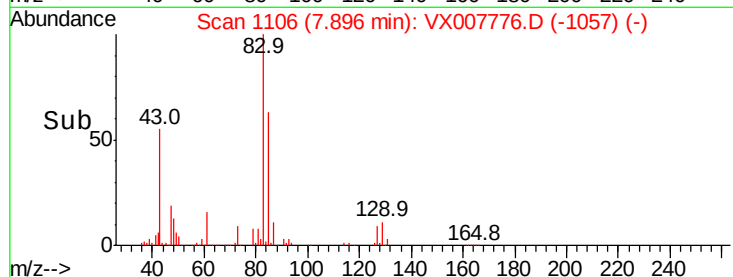
127 8.7 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.144 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

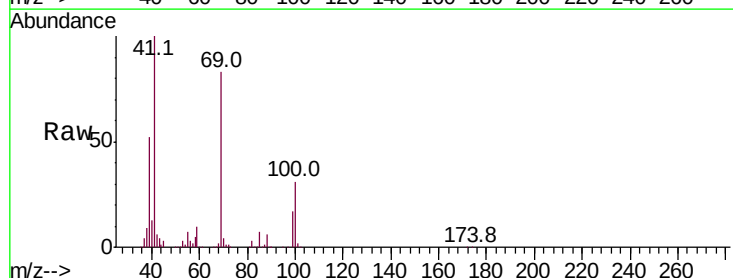
Tgt Ion: 41 Resp: 188790

Ion Ratio Lower Upper

41 100

69 81.0 70.2 105.4

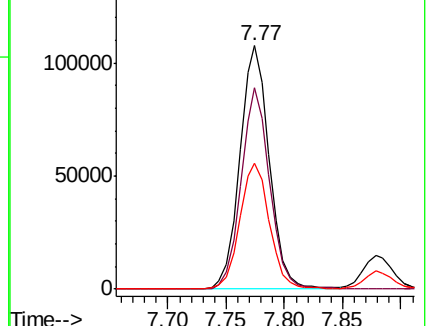
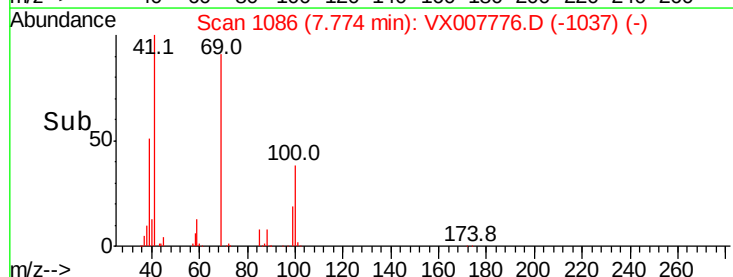
39 52.1 47.4 71.0

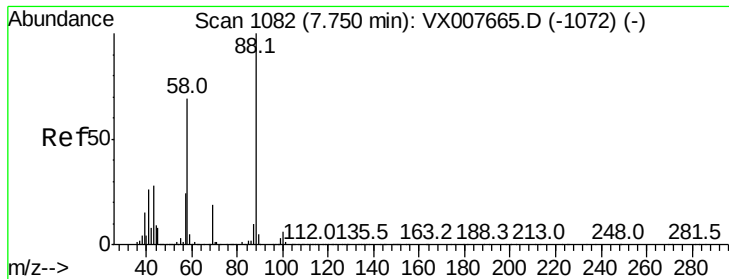


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 884.638 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

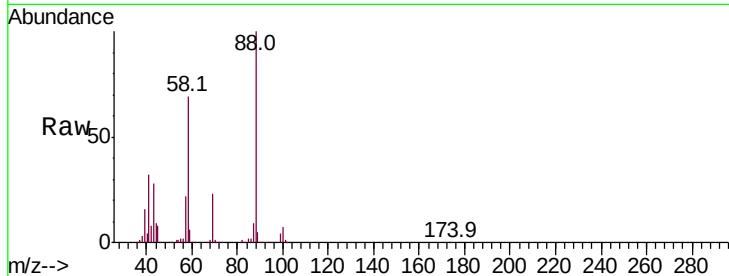
MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 88 Resp: 64248

Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.2	36.4
58	71.5	53.0	79.4



Abundance

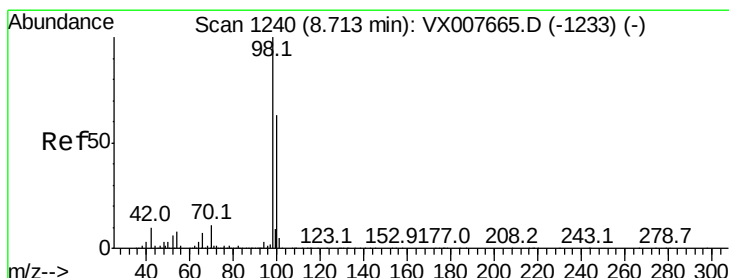
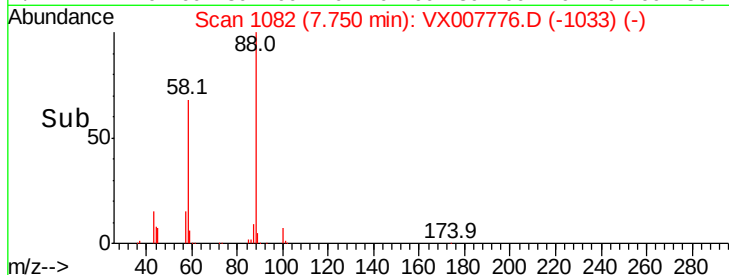
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.75

Time-->



#50

Toluene-d8

Concen: 49.881 ug/l

RT: 8.71 min Scan# 1240

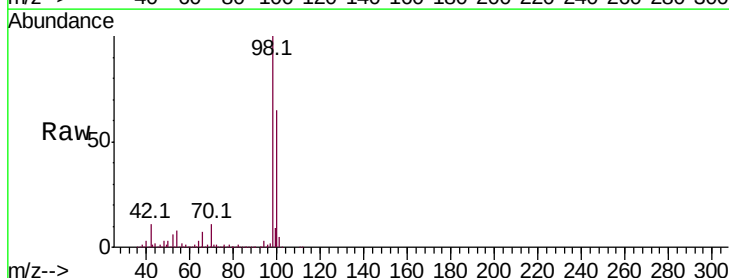
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion: 98 Resp: 532775

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4



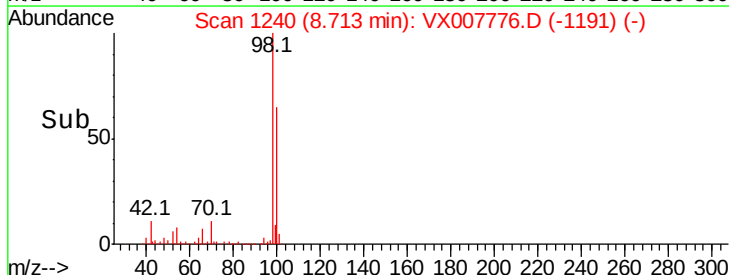
Abundance

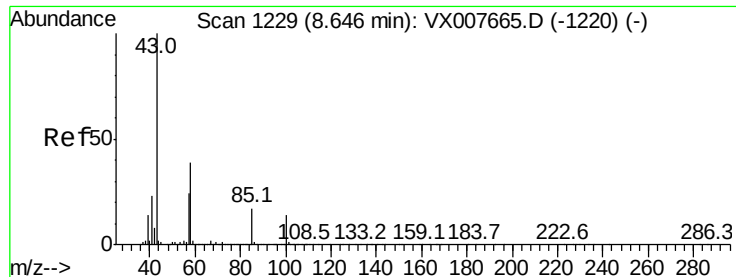
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

Time-->

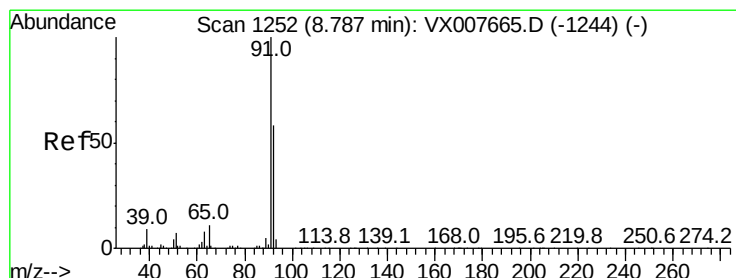
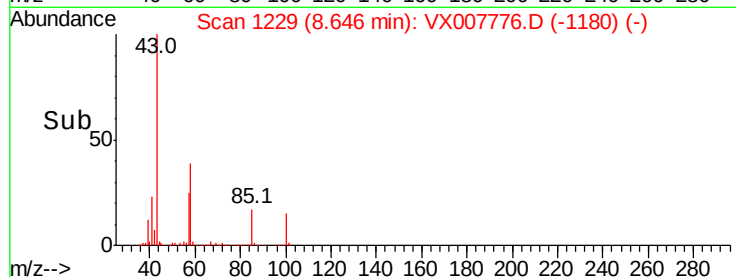
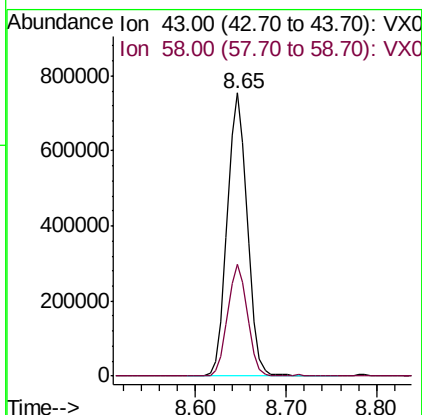
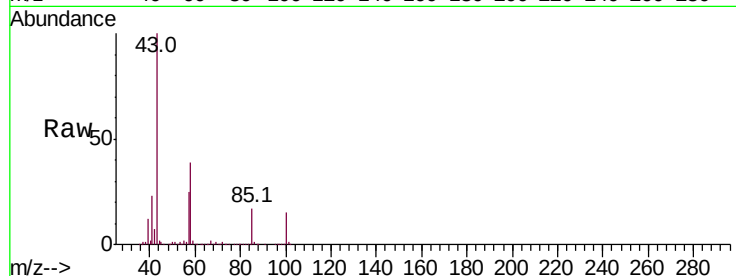




#51
4-Methyl-2-Pentanone
Concen: 269.995 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

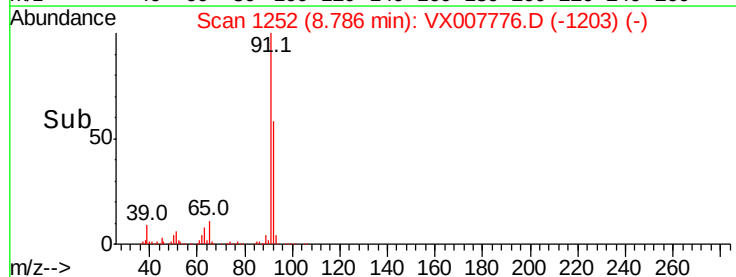
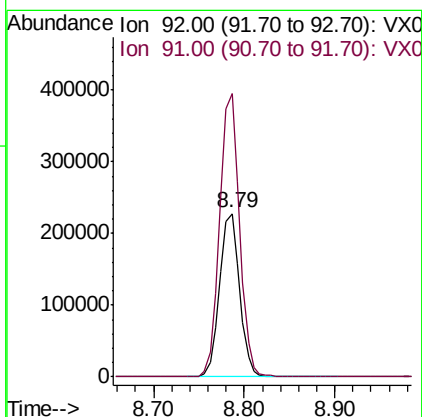
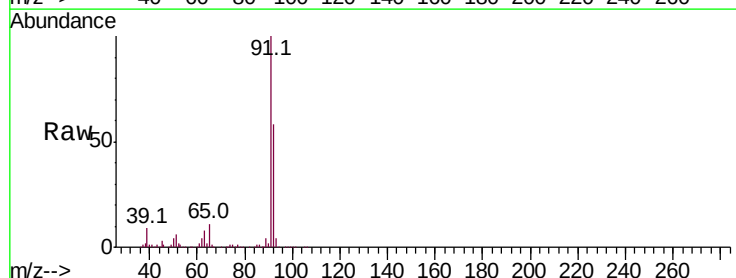
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

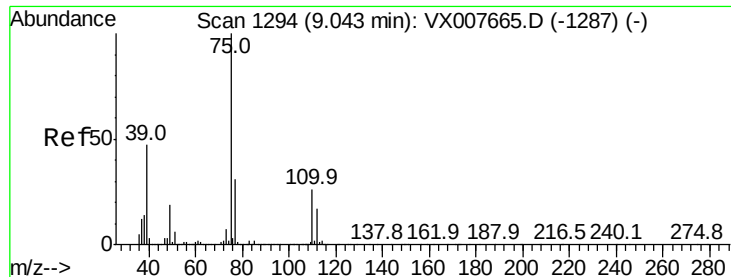
Tot Ion: 43 Resp: 1159362
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8



#52
Toluene
Concen: 48.473 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion: 92 Resp: 354048
Ion Ratio Lower Upper
92 100
91 172.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 46.007 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

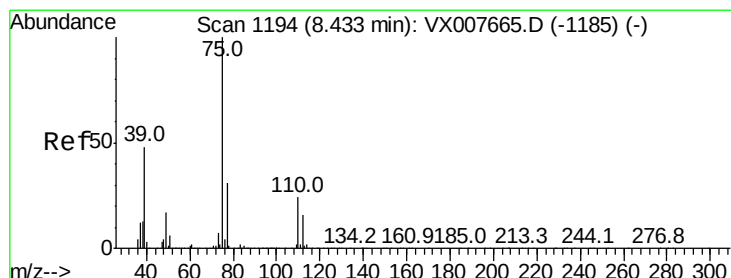
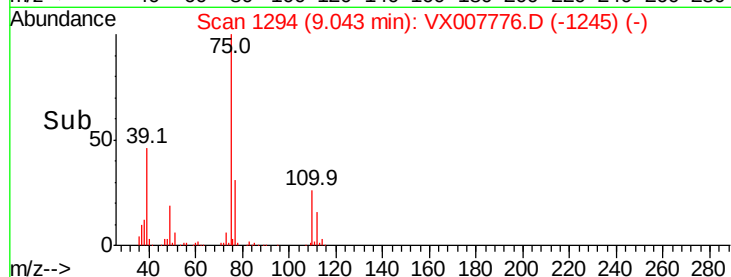
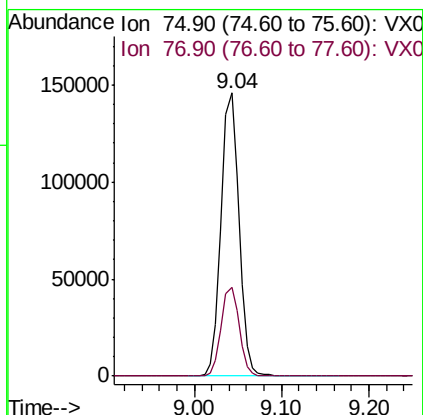
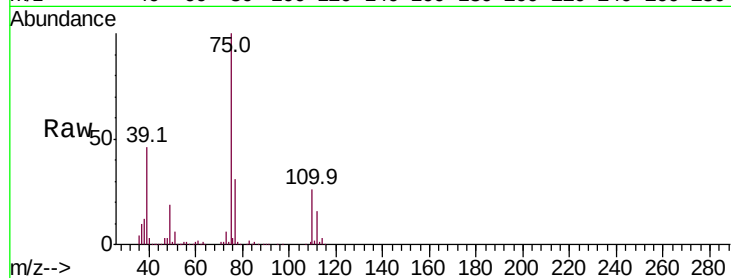
A0C1-TWPMS

Tot Ion: 75 Resp: 206407

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.563 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

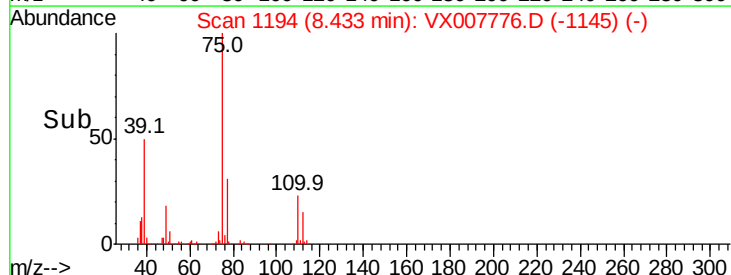
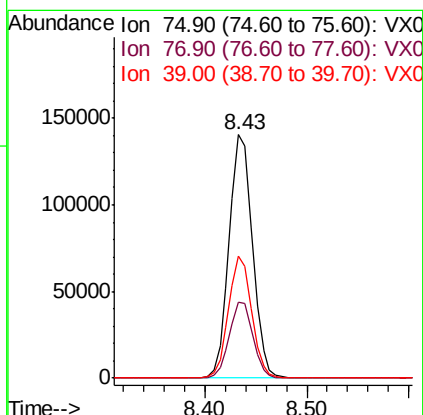
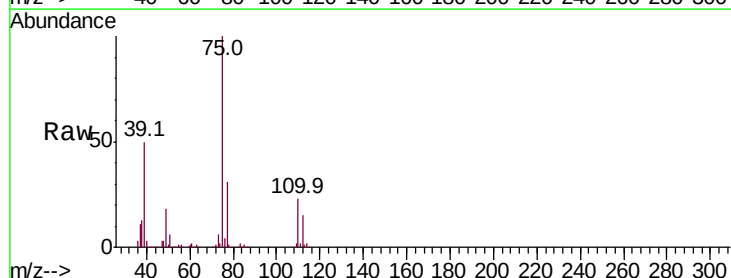
Tgt Ion: 75 Resp: 222579

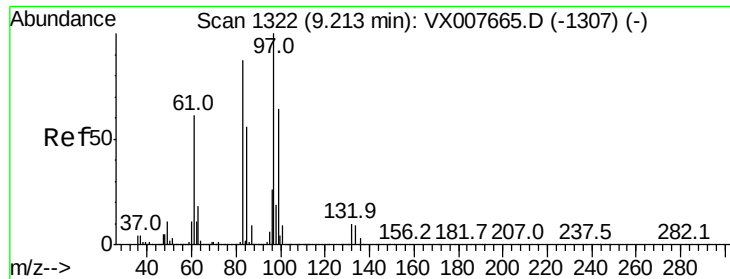
Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4

39 49.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 50.257 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 97 Resp: 153074

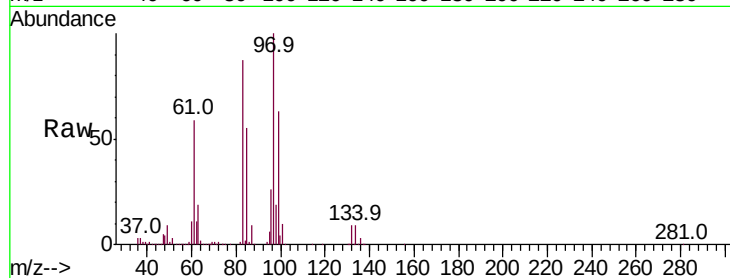
Ion Ratio Lower Upper

97 100

83 86.9 68.6 102.8

85 55.2 44.5 66.7

99 63.0 52.2 78.4

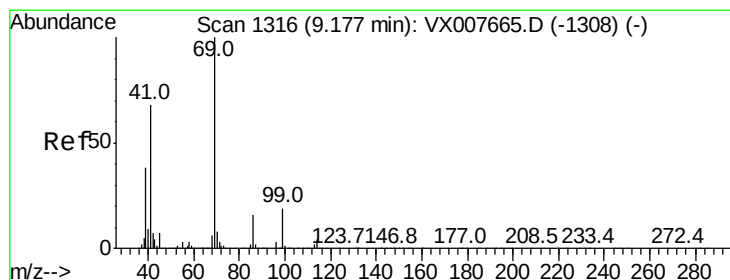
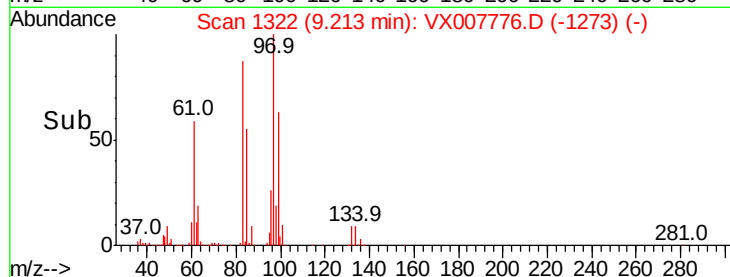
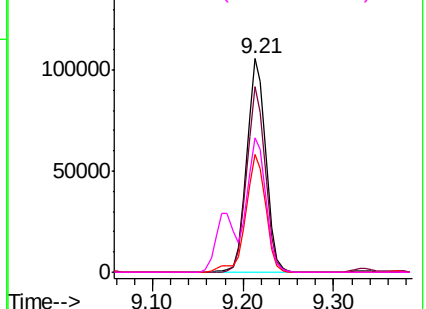


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.281 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

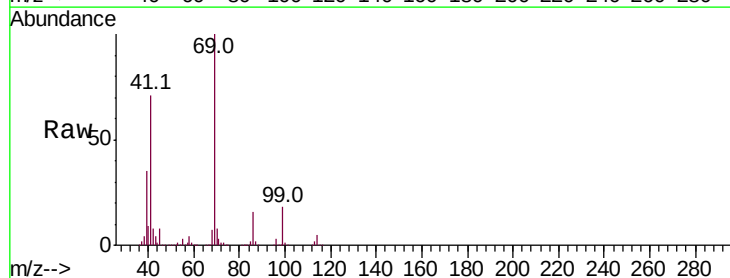
Tgt Ion: 69 Resp: 230777

Ion Ratio Lower Upper

69 100

41 69.9 52.1 78.1

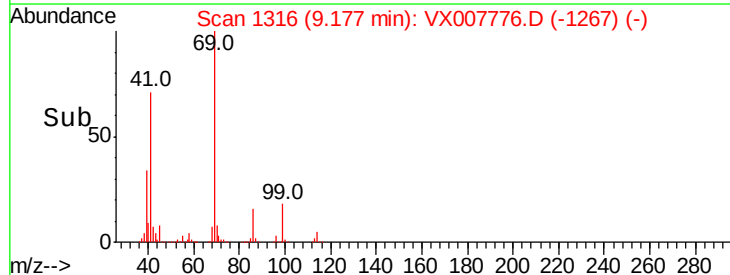
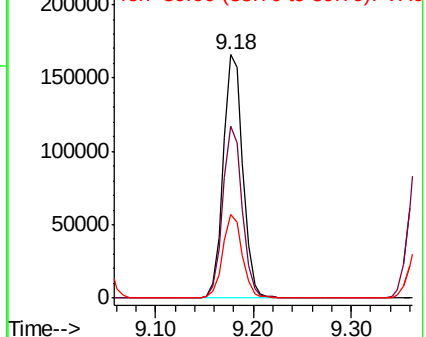
39 34.1 30.1 45.1

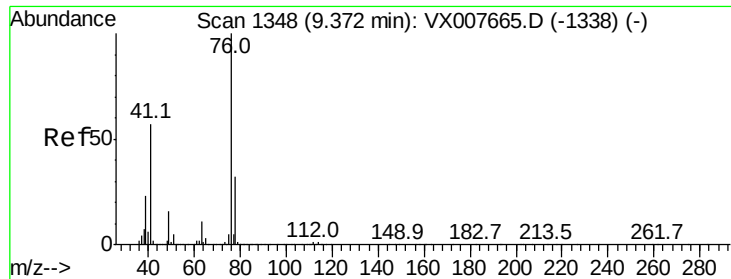


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

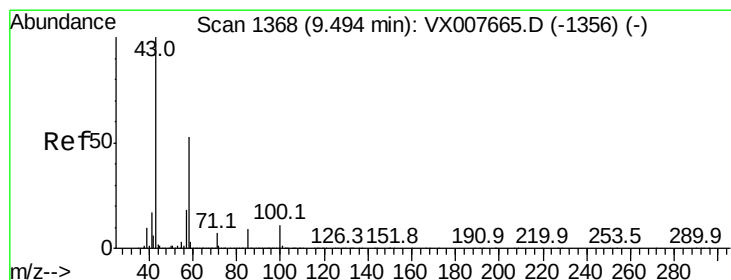
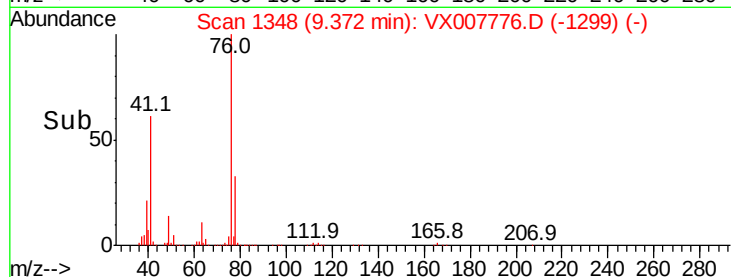
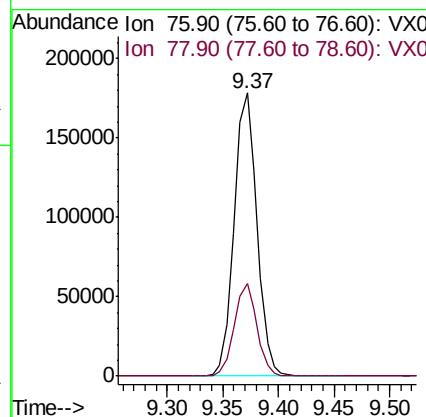
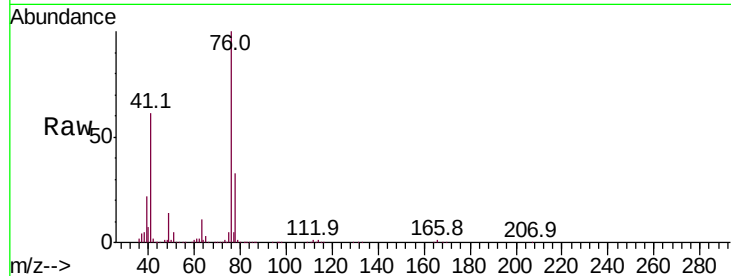




#57
 1,3-Dichloropropane
 Concen: 51.811 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

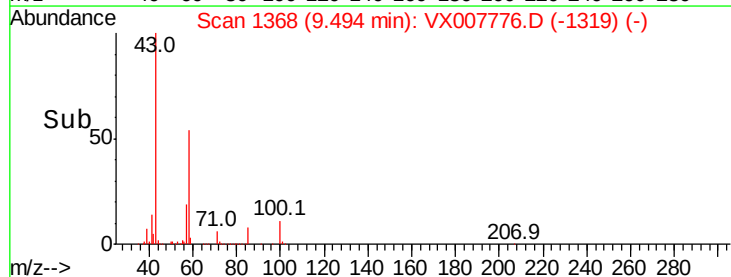
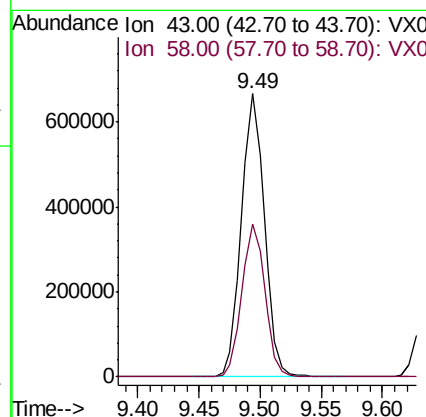
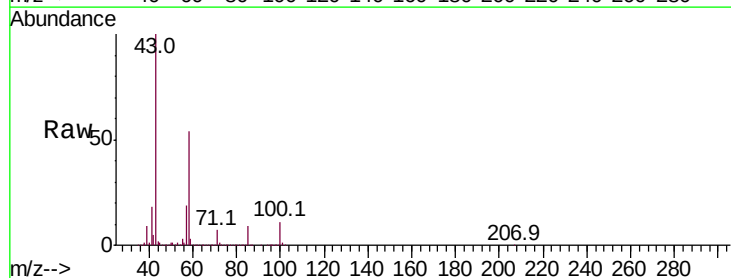
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

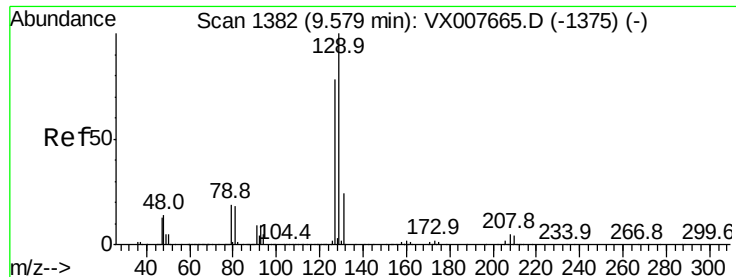
Tot Ion: 76 Resp: 252611
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#59
 2-Hexanone
 Concen: 256.749 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion: 43 Resp: 865549
 Ion Ratio Lower Upper
 43 100
 58 54.2 27.1 81.3





#60

Dibromochloromethane

Concen: 53.487 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

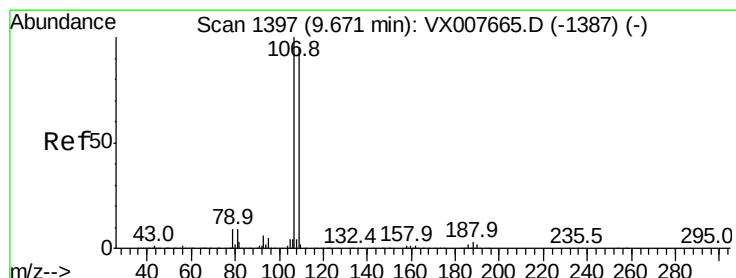
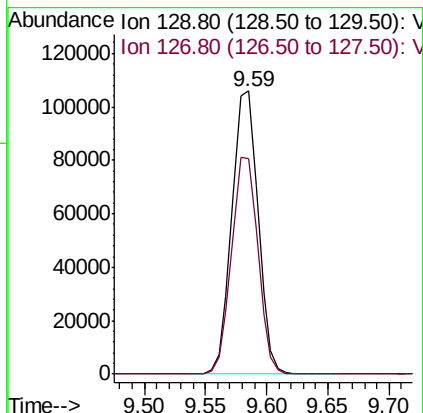
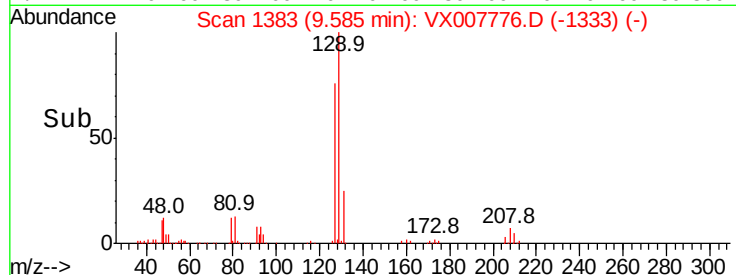
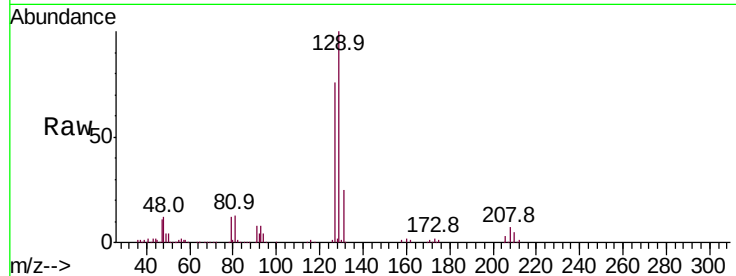
A0C1-TWPMS

Tot Ion:129 Resp: 156757

Ion Ratio Lower Upper

129 100

127 77.1 37.8 113.4



#61

1,2-Dibromoethane

Concen: 50.657 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007776.D

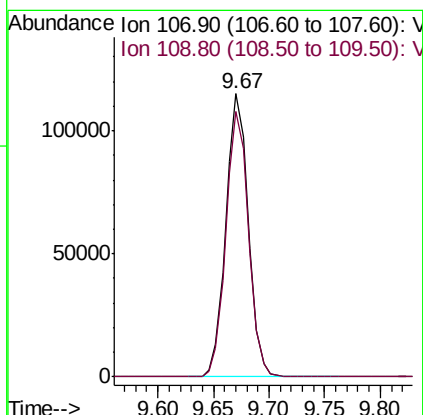
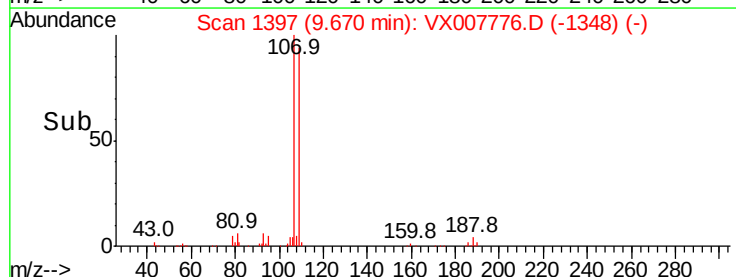
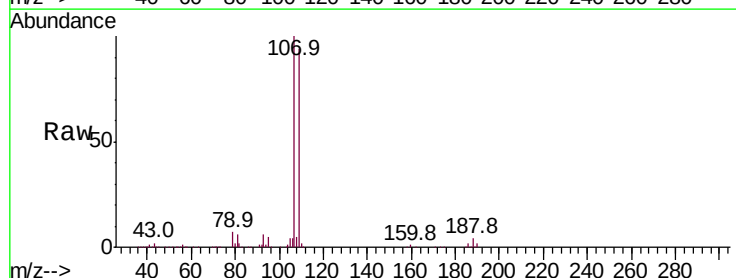
Acq: 28 Feb 2019 19:32

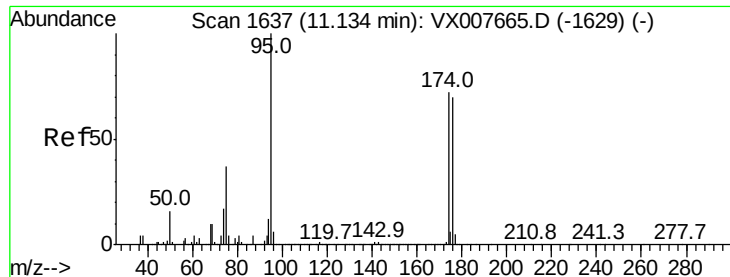
Tgt Ion:107 Resp: 160192

Ion Ratio Lower Upper

107 100

109 94.6 75.1 112.7





#62

4-Bromofluorobenzene

Concen: 48.193 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

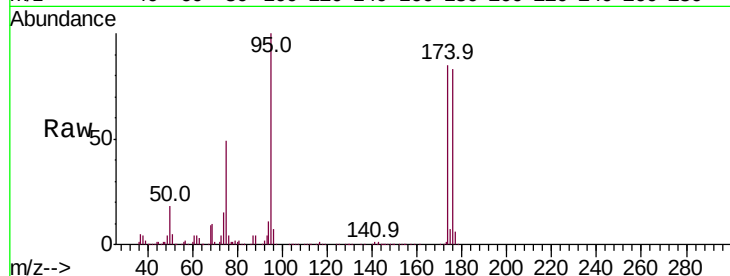
Tot Ion: 95 Resp: 188930

Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

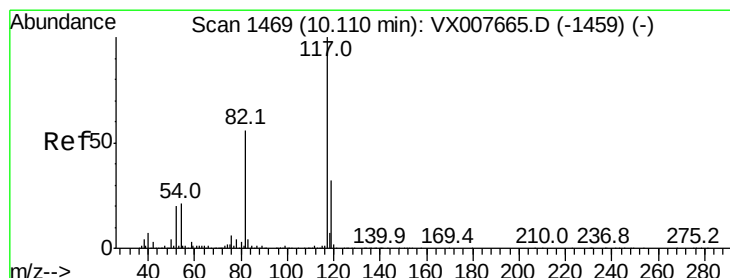
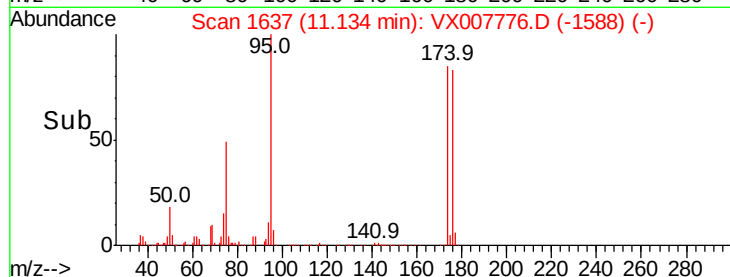
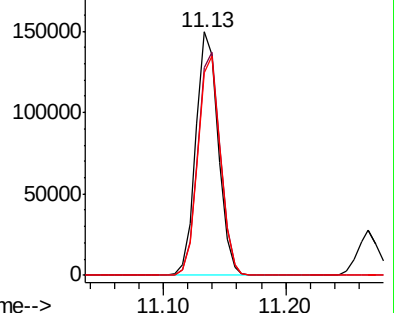
176 90.2 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007776.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007776.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007776.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

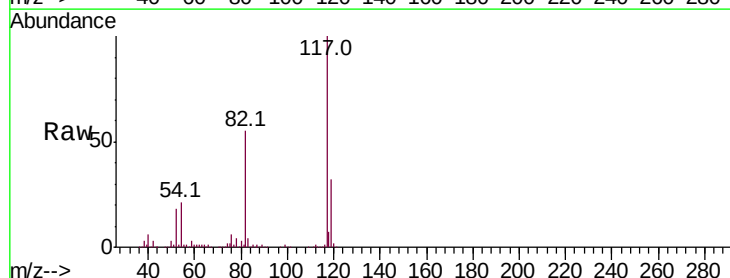
Tgt Ion: 117 Resp: 374775

Ion Ratio Lower Upper

117 100

82 55.4 42.1 63.1

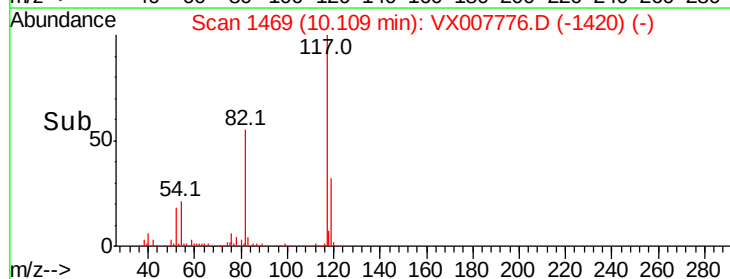
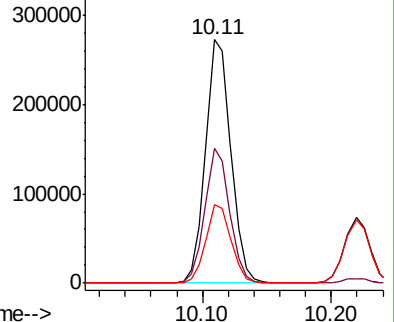
119 32.1 26.5 39.7

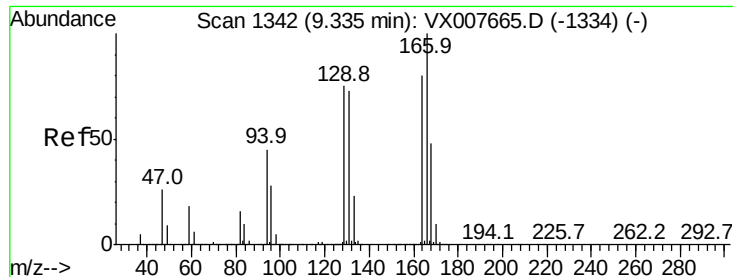


Abundance Ion 116.90 (116.60 to 117.60): VX007776.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007776.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007776.D (-1420) (-)





#64

Tetrachloroethene

Concen: 49.195 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion:164 Resp: 149676

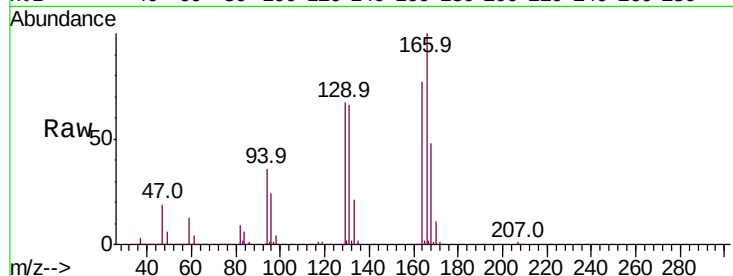
Ion Ratio Lower Upper

164 100

166 129.8 101.0 151.4

129 86.9 70.5 105.7

131 85.5 69.8 104.6



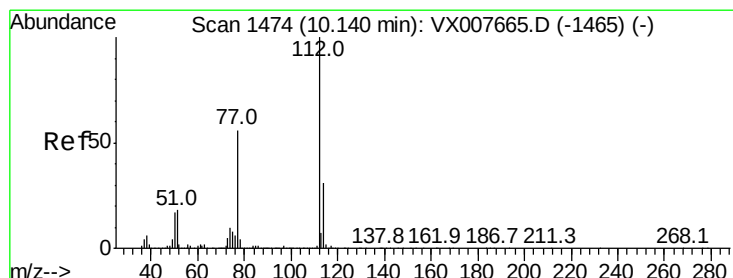
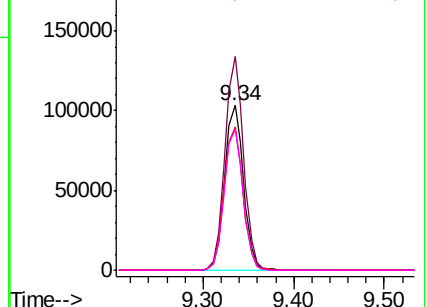
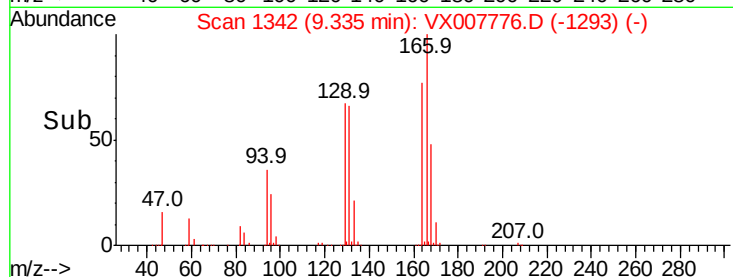
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.367 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007776.D

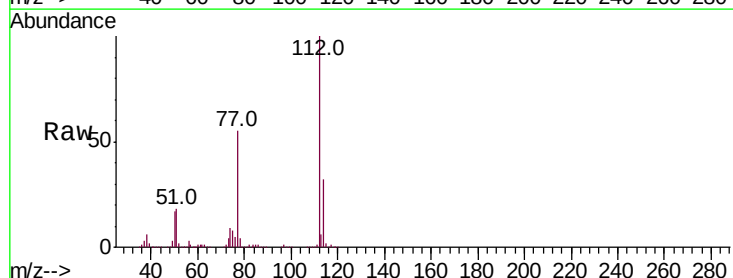
Acq: 28 Feb 2019 19:32

Tgt Ion:112 Resp: 392042

Ion Ratio Lower Upper

112 100

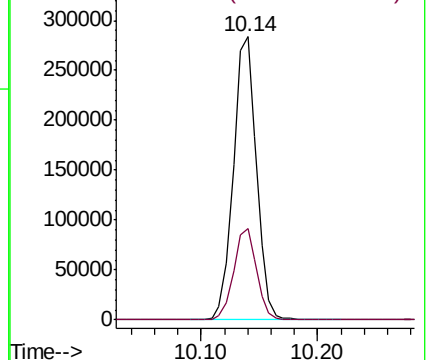
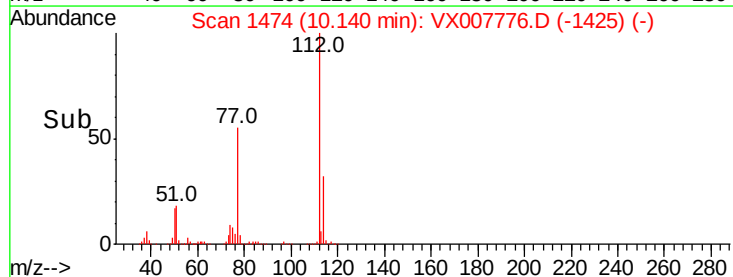
114 32.4 25.8 38.6

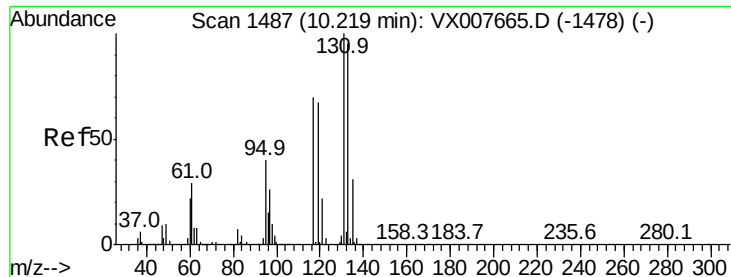


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.431 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

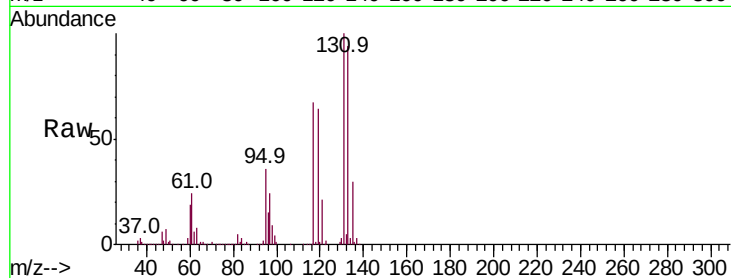
Tot Ion:131 Resp: 148245

Ion Ratio Lower Upper

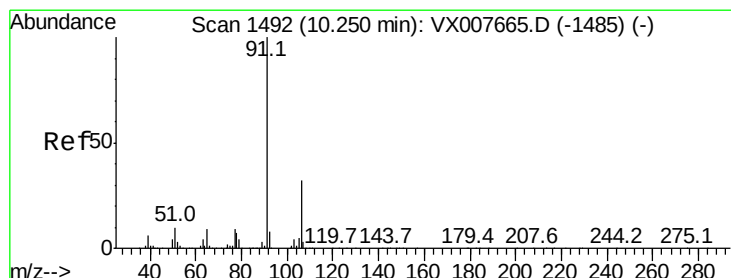
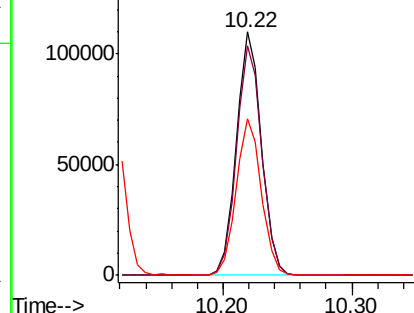
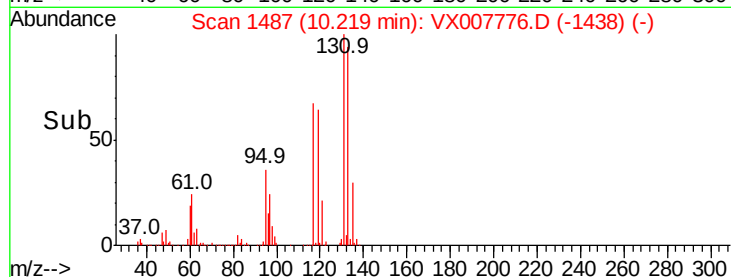
131 100

133 95.4 48.0 144.2

119 64.9 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V
150000
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.224 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007776.D

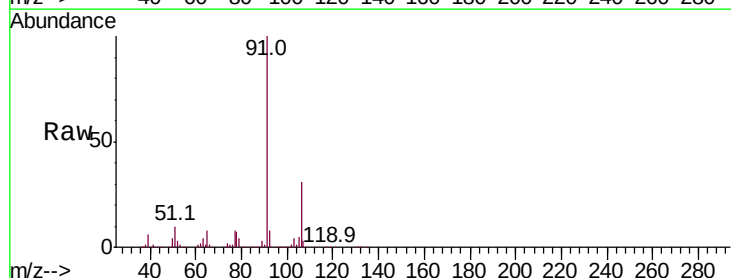
Acq: 28 Feb 2019 19:32

Tgt Ion: 91 Resp: 647518

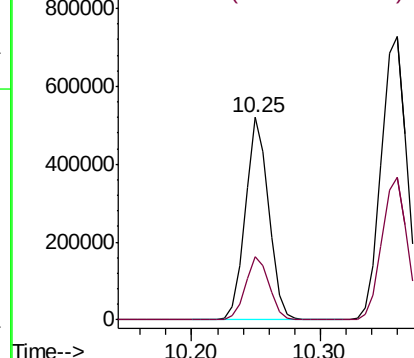
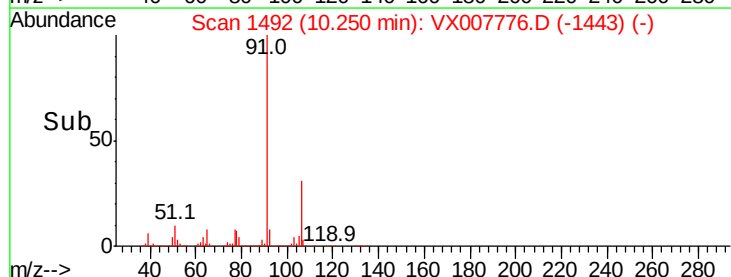
Ion Ratio Lower Upper

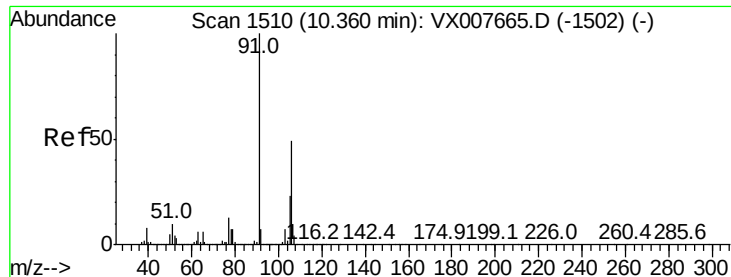
91 100

106 31.2 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
800000
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 94.526 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

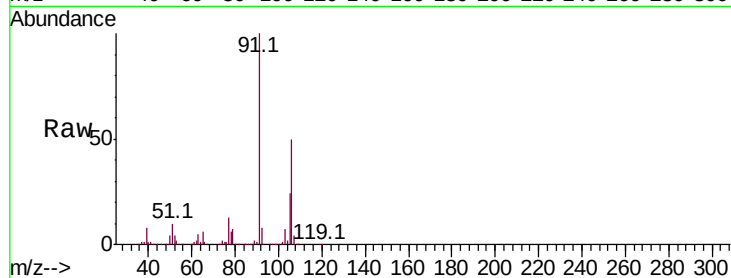
A0C1-TWPMS

Tot Ion:106 Resp: 493775

Ion Ratio Lower Upper

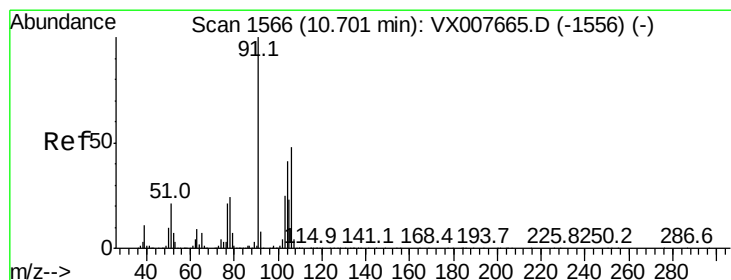
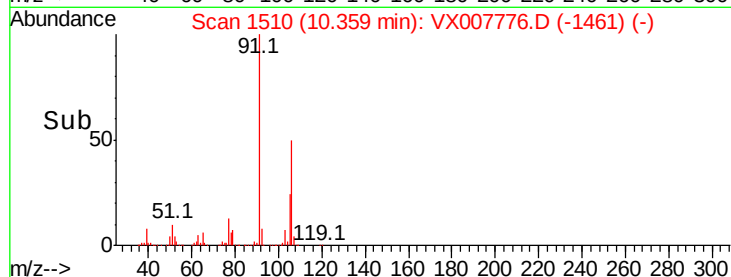
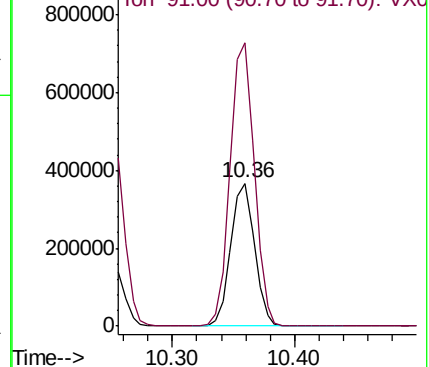
106 100

91 201.7 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.596 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007776.D

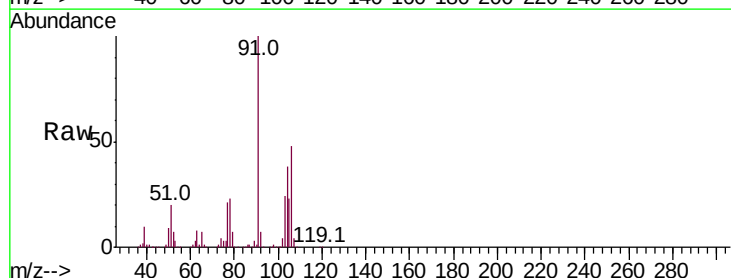
Acq: 28 Feb 2019 19:32

Tgt Ion:106 Resp: 244171

Ion Ratio Lower Upper

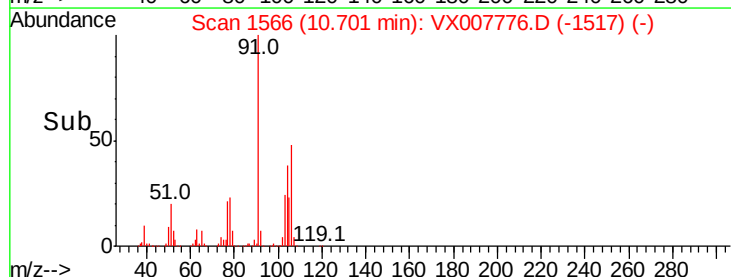
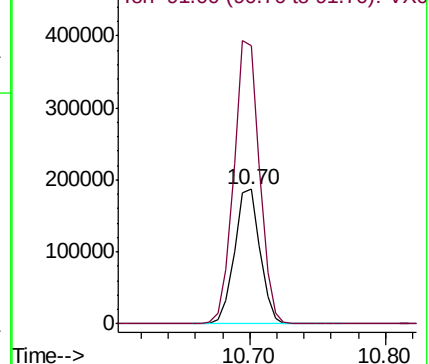
106 100

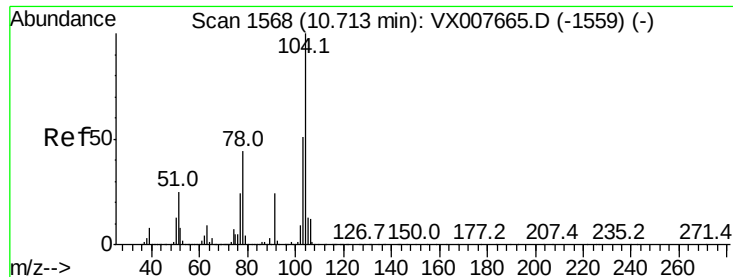
91 211.4 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

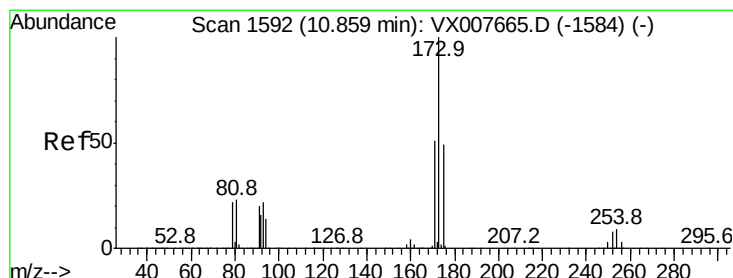
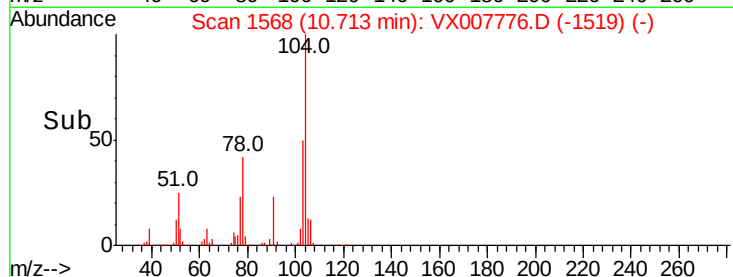
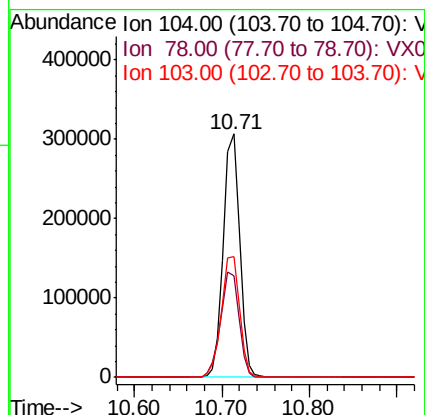
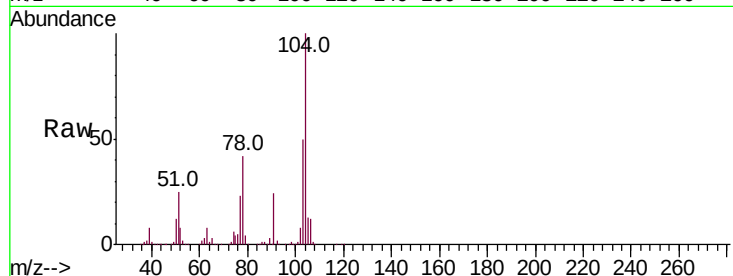




#70
Stvrene
Concen: 48.144 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

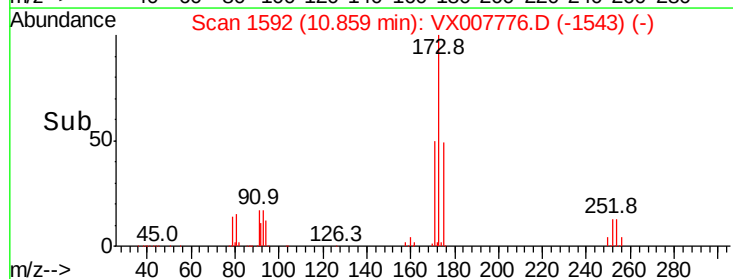
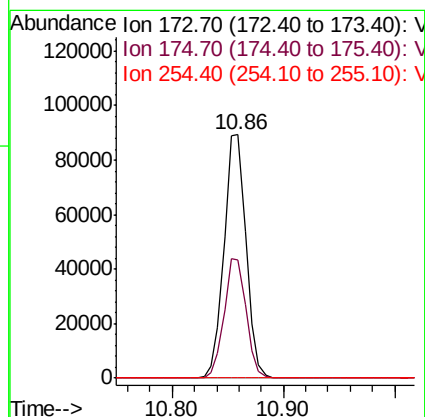
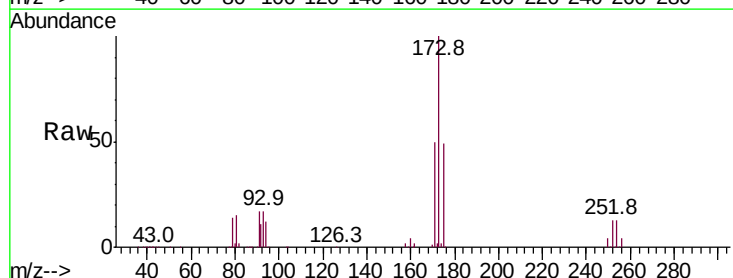
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

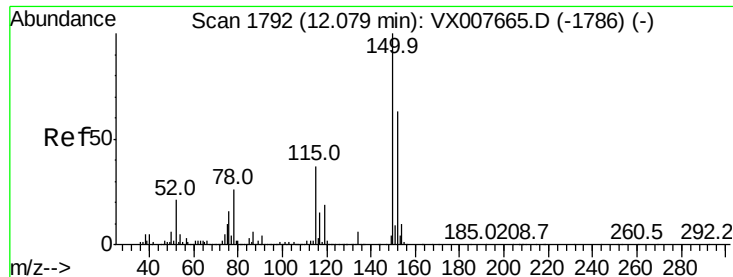
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.3	57.5
103	55.3	44.6	67.0



#71
Bromoform
Concen: 57.674 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.2	72.6
254	0.2	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

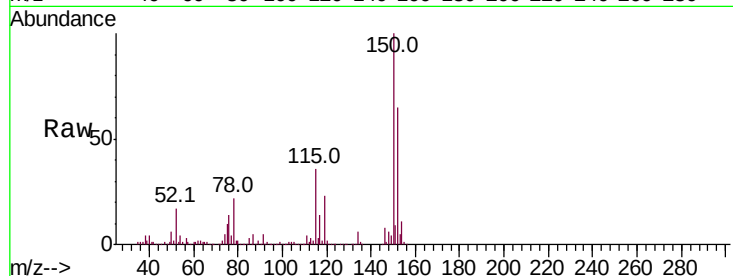
Tot Ion:152 Resp: 191098

Ion Ratio Lower Upper

152 100

115 75.1 38.0 114.0

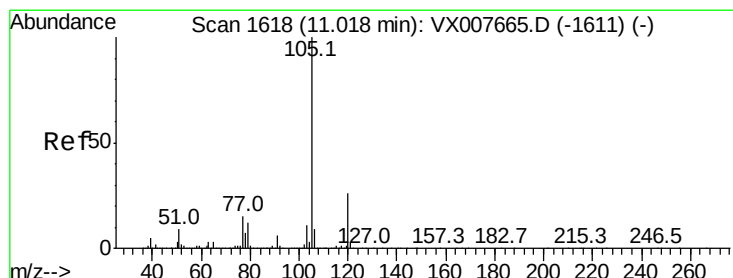
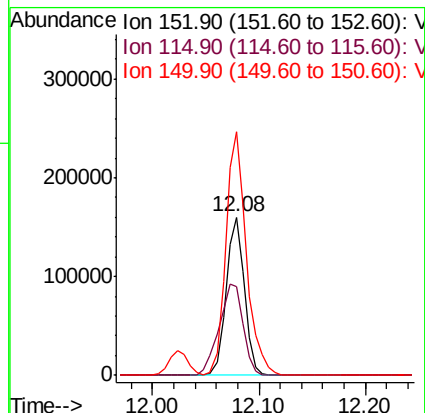
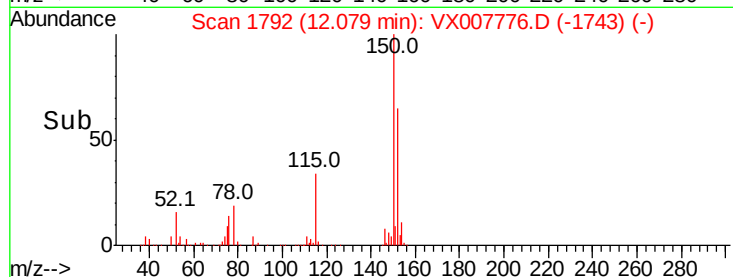
150 172.5 0.0 346.4



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: 46.178 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007776.D

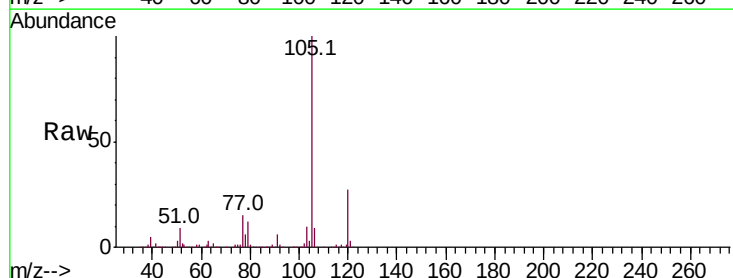
Acq: 28 Feb 2019 19:32

Tgt Ion:105 Resp: 630699

Ion Ratio Lower Upper

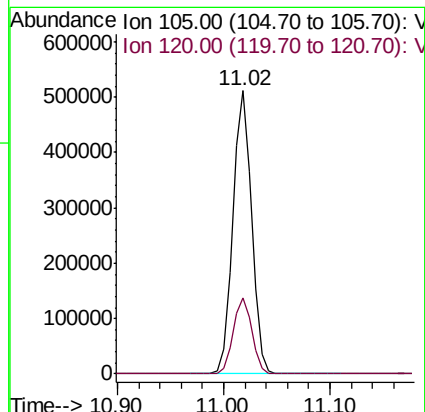
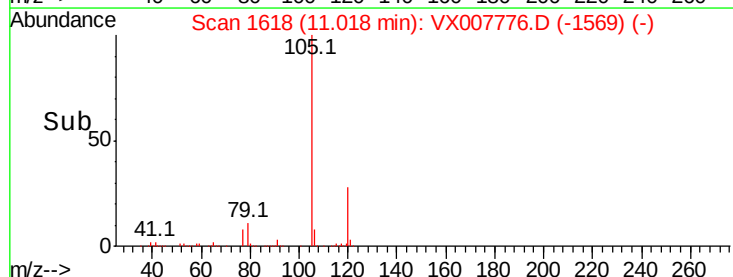
105 100

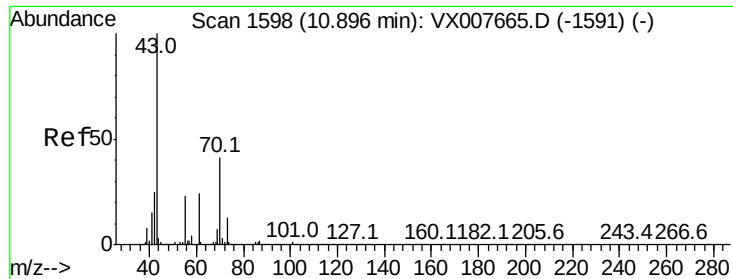
120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

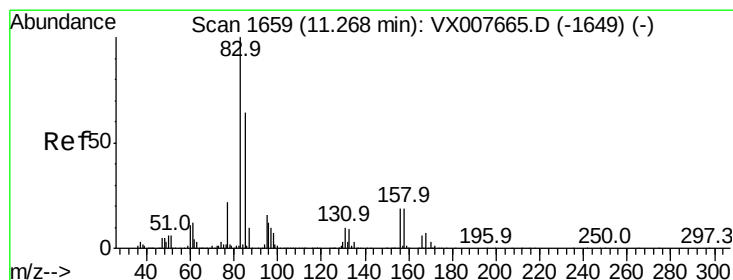
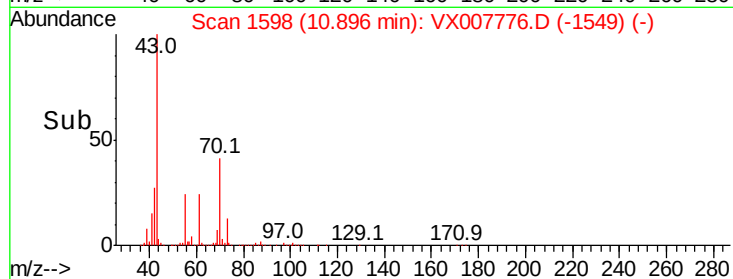
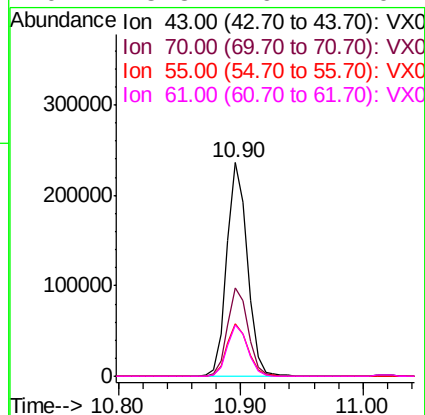
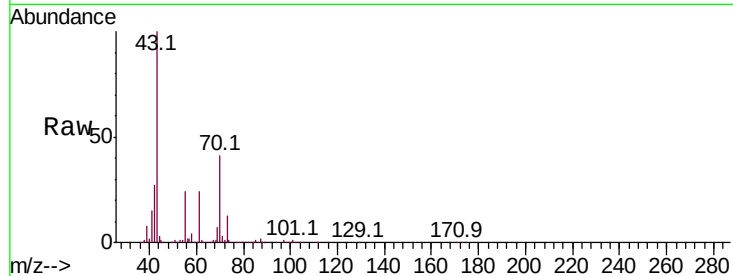




#74
N-amvl acetate
Concen: 46.129 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

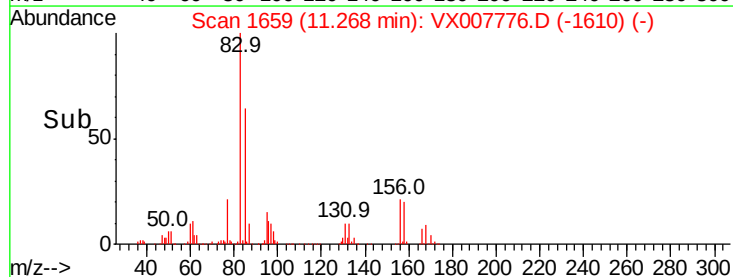
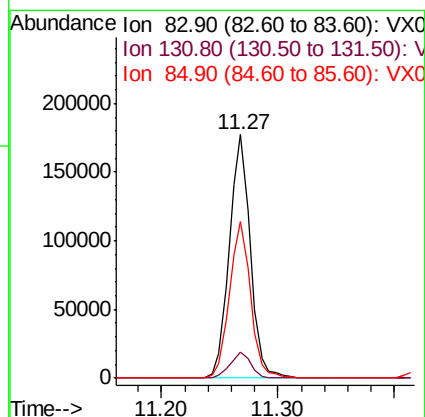
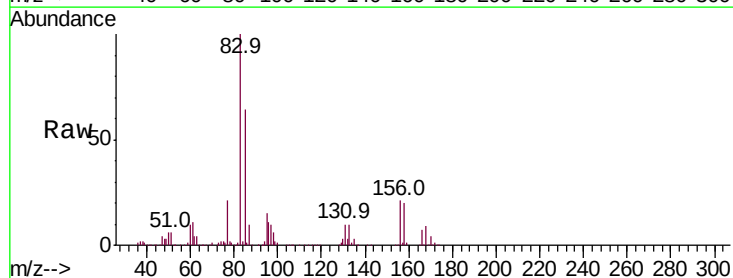
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

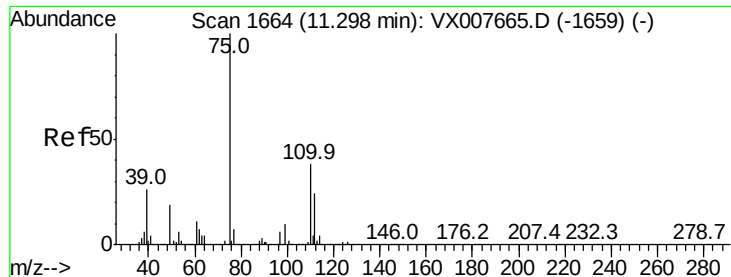
Tot Ion:	43	Resp:	273595
Ion	Ratio	Lower	Upper
43	100		
70	41.7	33.8	50.6
55	25.1	19.5	29.3
61	23.8	19.4	29.2



#75
1,1,2,2-Tetrachloroethane
Concen: 46.975 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion:	83	Resp:	221907
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.7	17.0
85	64.9	32.8	98.3





#76

1,2,3-Trichloropropane

Concen: 62.870 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

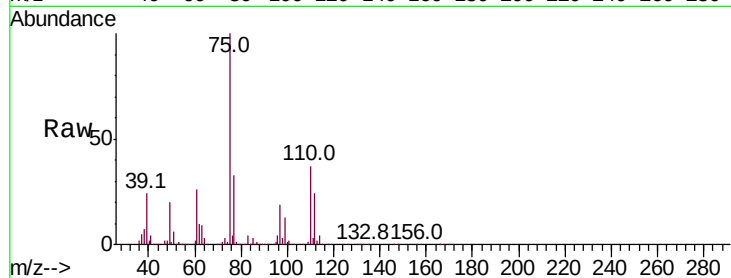
A0C1-TWPMS

Tot Ion: 75 Resp: 256092

Ion Ratio Lower Upper

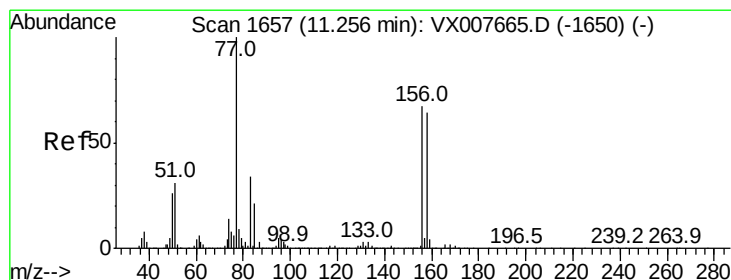
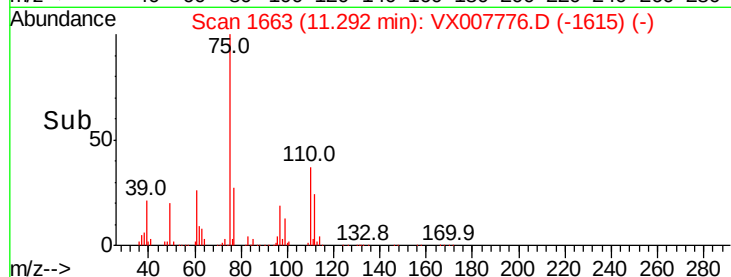
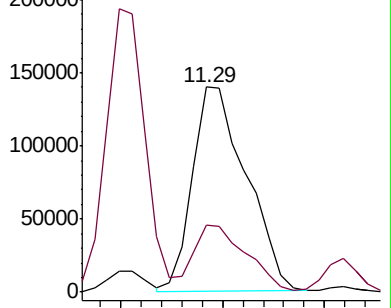
75 100

77 32.9 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 51.791 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

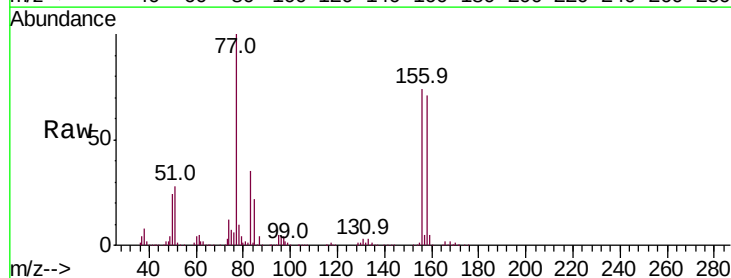
Tgt Ion: 156 Resp: 177421

Ion Ratio Lower Upper

156 100

77 143.6 66.8 200.6

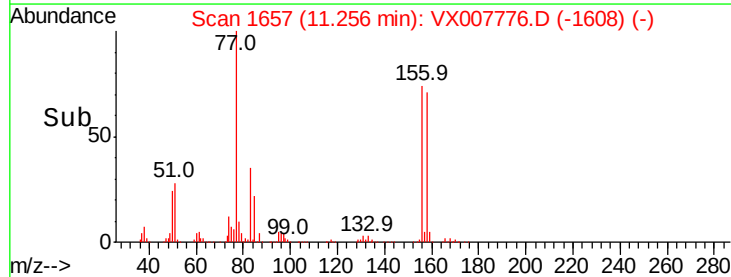
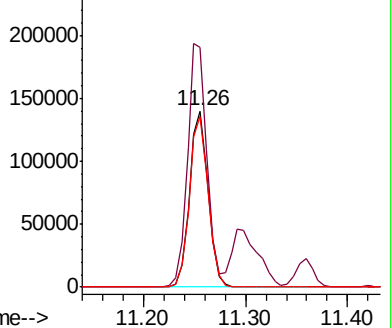
158 97.5 47.9 143.8

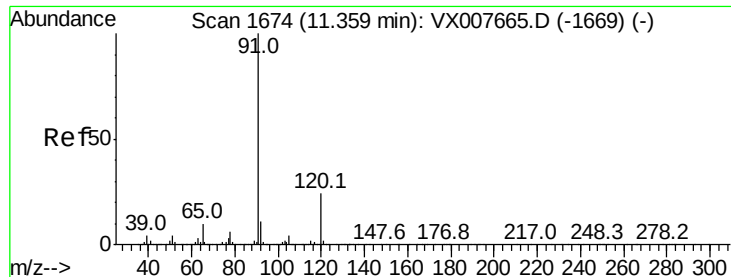


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 45.254 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

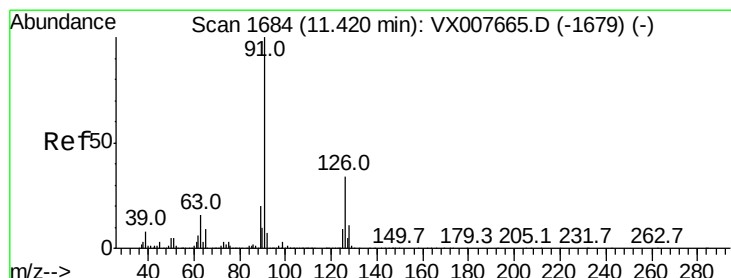
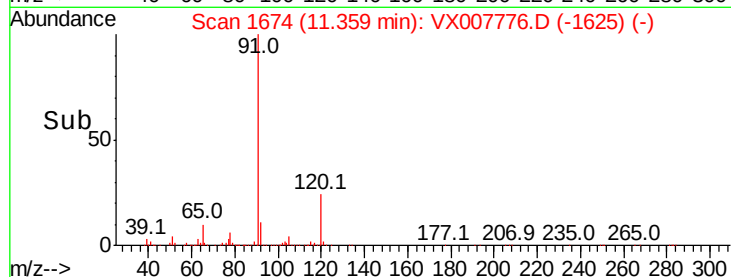
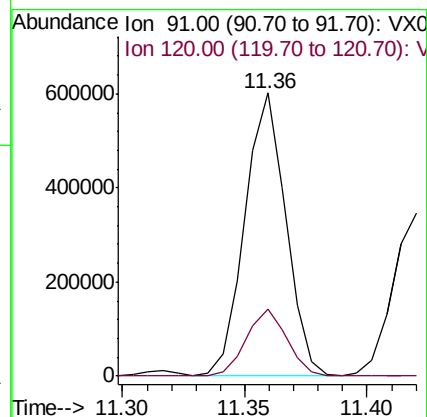
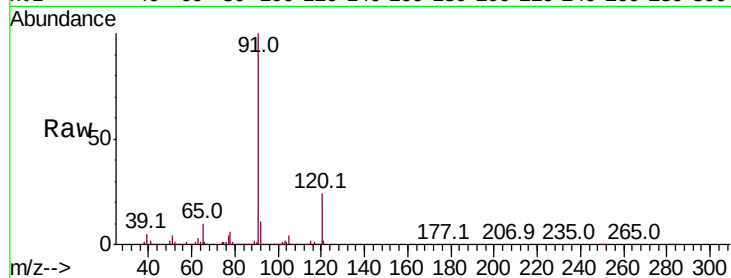
A0C1-TWPMS

Tot Ion: 91 Resp: 698438

Ion Ratio Lower Upper

91 100

120 23.7 12.4 37.2



#79

2-Chlorotoluene

Concen: 46.053 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007776.D

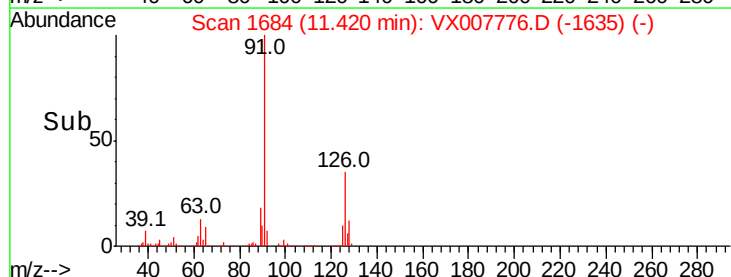
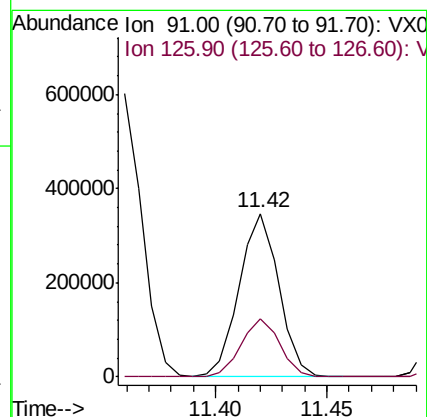
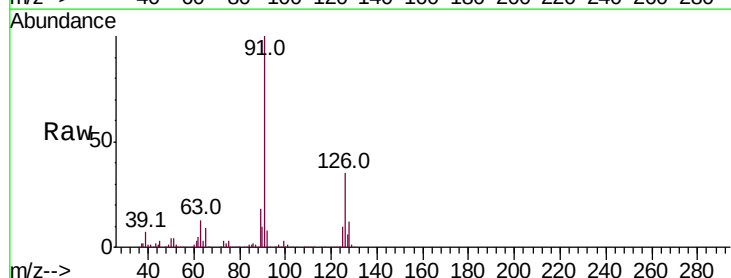
Acq: 28 Feb 2019 19:32

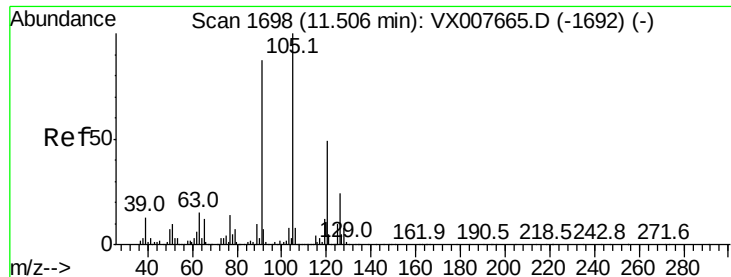
Tgt Ion: 91 Resp: 427974

Ion Ratio Lower Upper

91 100

126 35.2 18.7 56.1





#80

1,3,5-Trimethylbenzene

Concen: 46.200 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

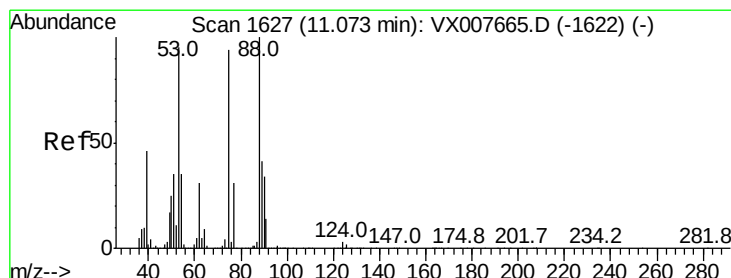
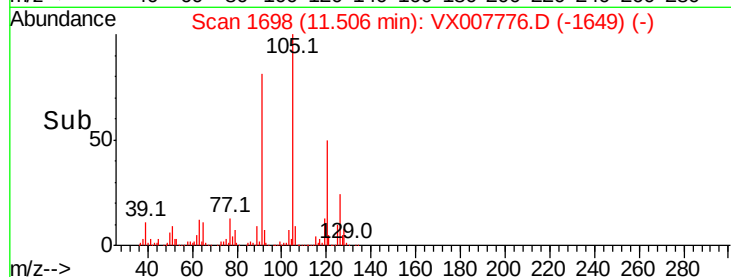
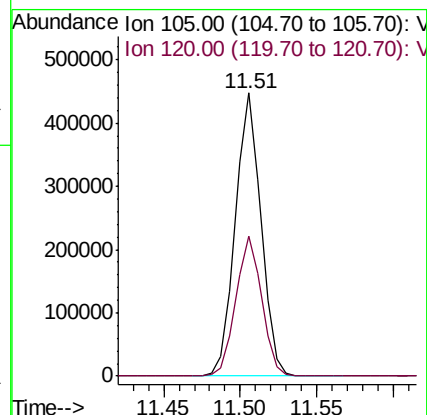
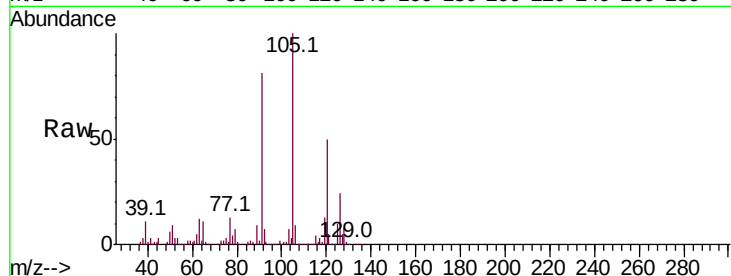
A0C1-TWPMS

Tot Ion:105 Resp: 519029

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 42.108 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

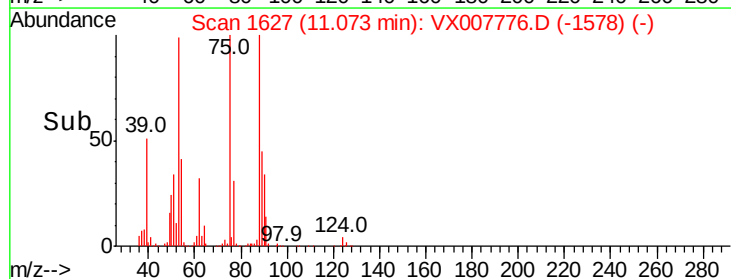
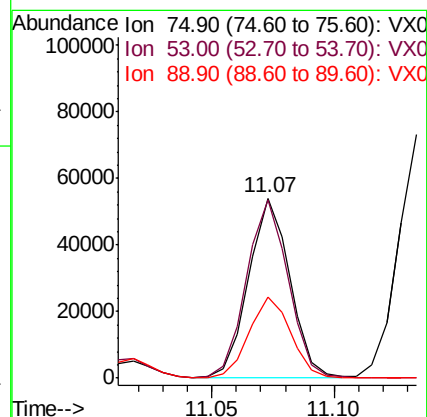
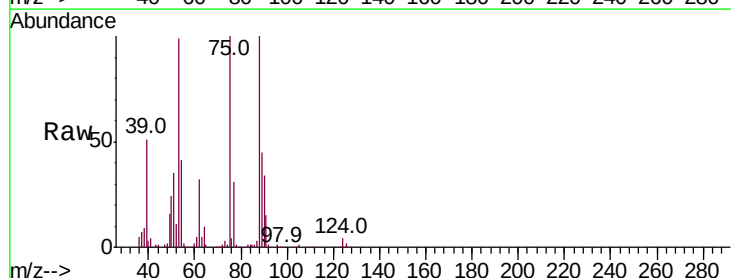
Tgt Ion: 75 Resp: 63238

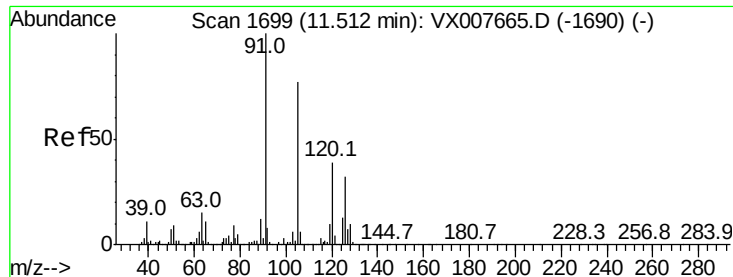
Ion Ratio Lower Upper

75 100

53 100.6 81.0 121.6

89 45.8 41.4 62.0

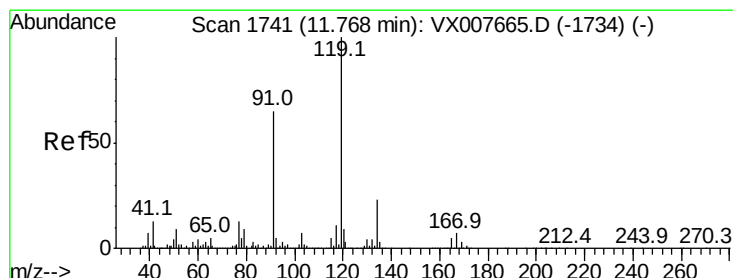
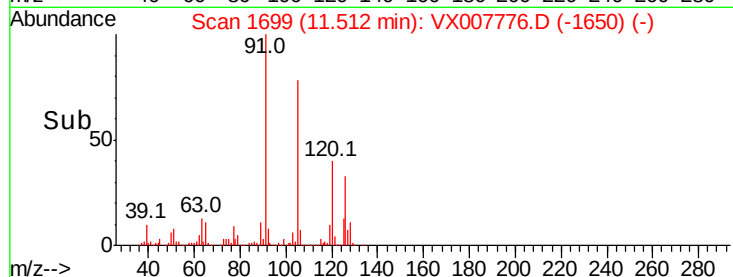
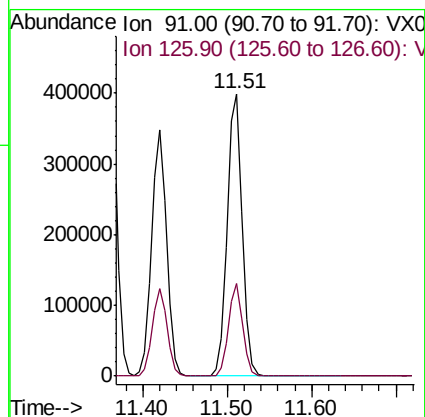
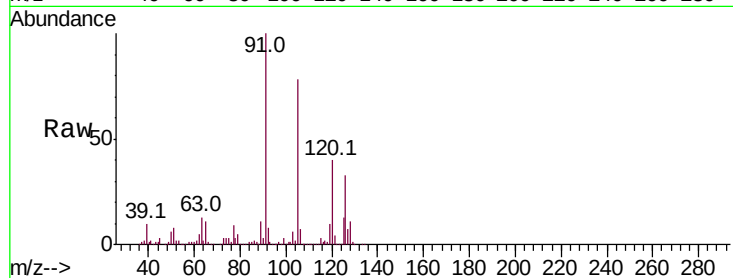




#82
4-Chlorotoluene
Concen: 45.211 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

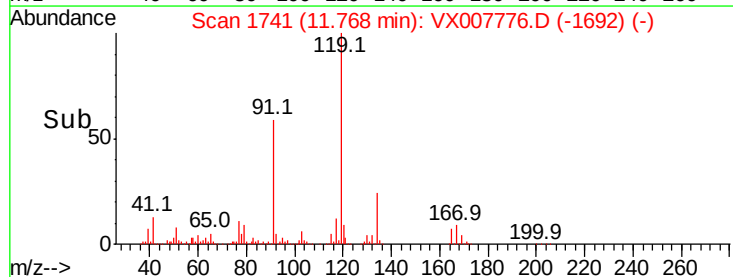
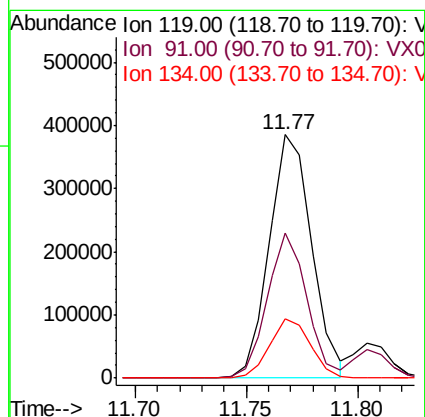
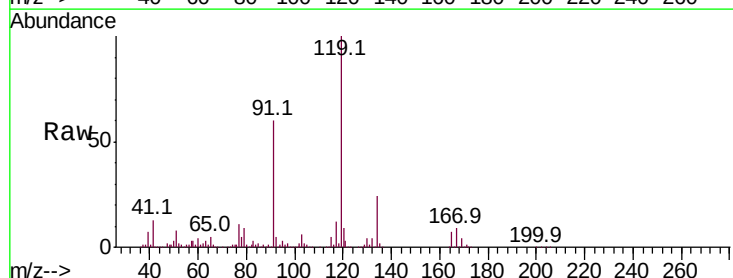
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

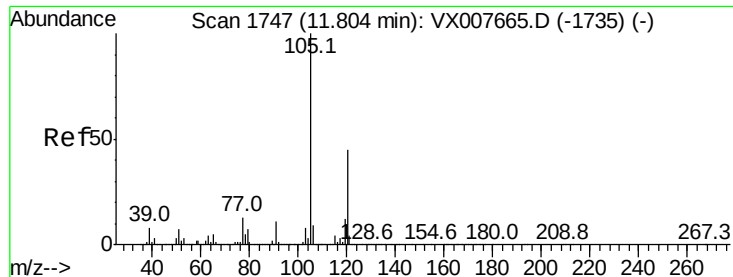
Tot Ion: 91 Resp: 491503
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.5



#83
tert-Butylbenzene
Concen: 47.362 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion: 119 Resp: 510884
Ion Ratio Lower Upper
119 100
91 55.5 28.5 85.6
134 23.4 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 46.545 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

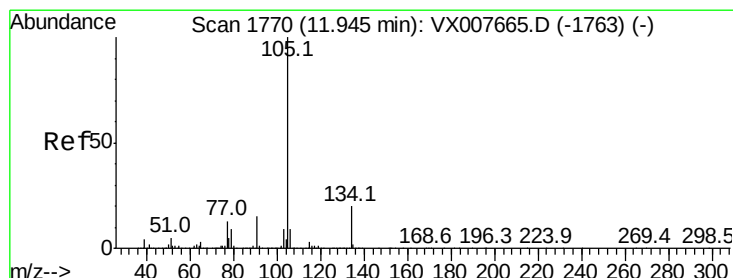
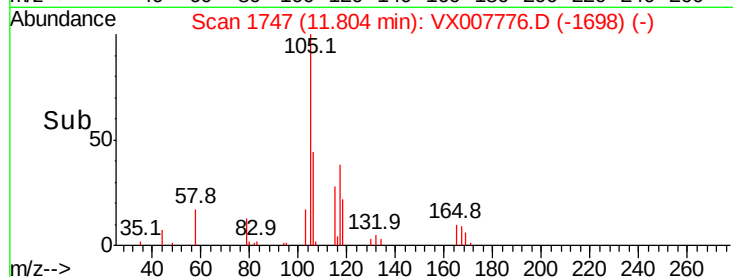
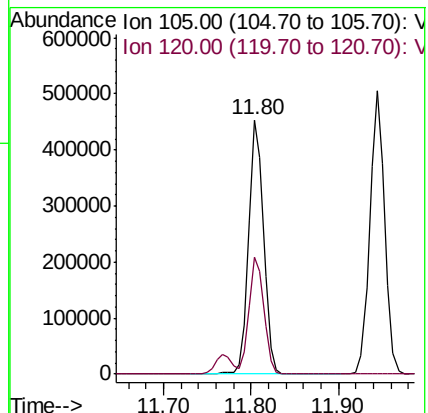
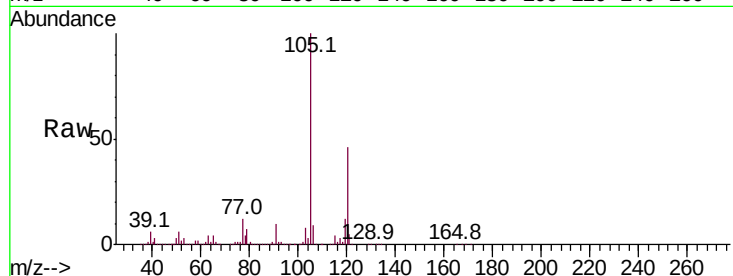
A0C1-TWPMS

Tot Ion:105 Resp: 534884

Ion Ratio Lower Upper

105 100

120 45.7 23.1 69.3



#85

sec-Butylbenzene

Concen: 44.567 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007776.D

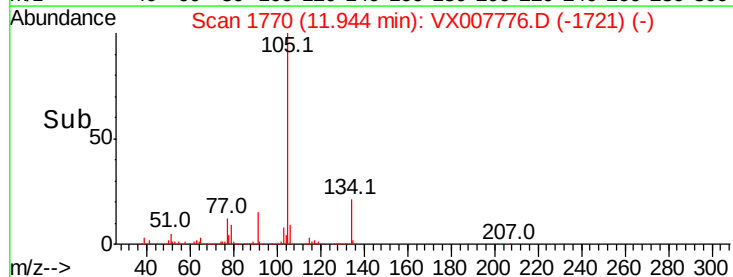
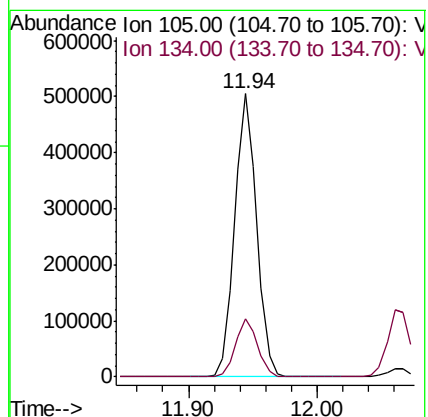
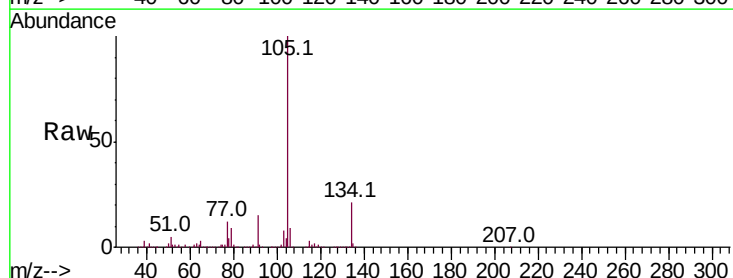
Acq: 28 Feb 2019 19:32

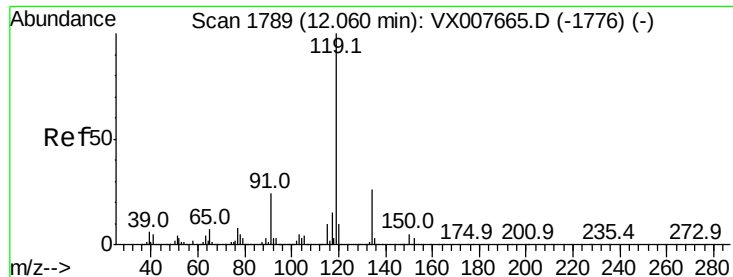
Tgt Ion:105 Resp: 602404

Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

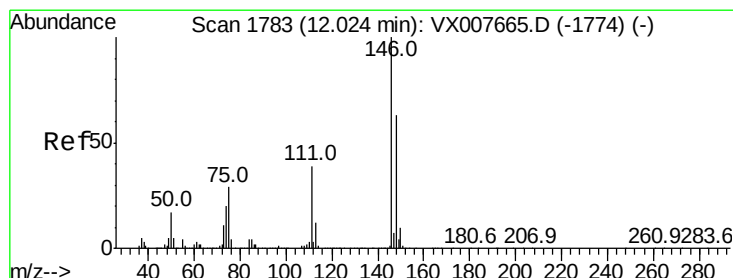
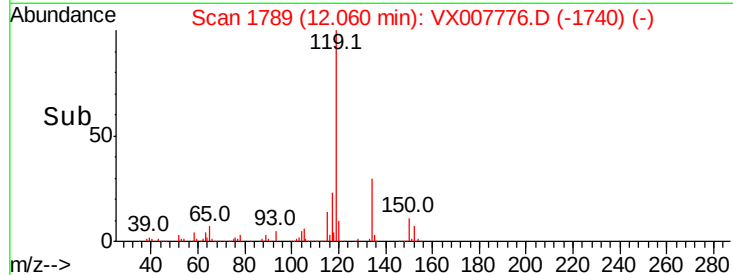
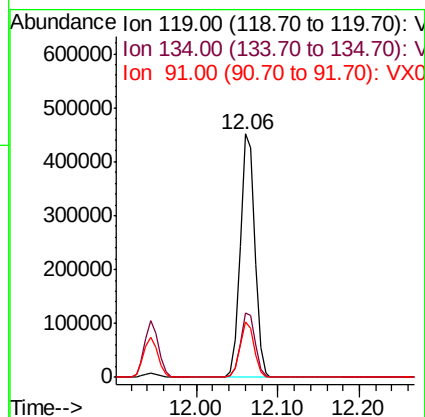
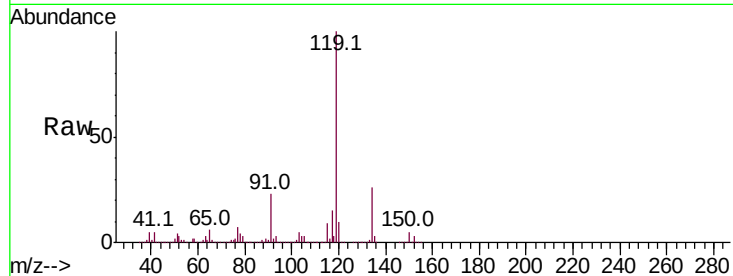




#86
 p-Isopropyltoluene
 Concen: 45.847 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

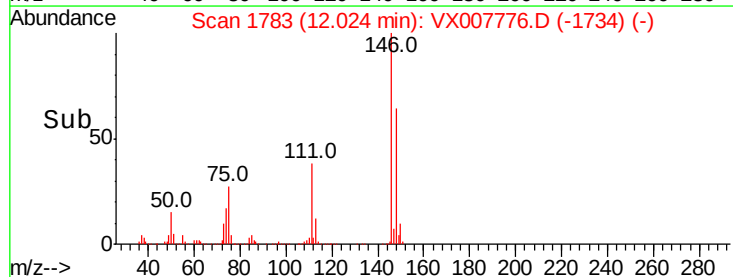
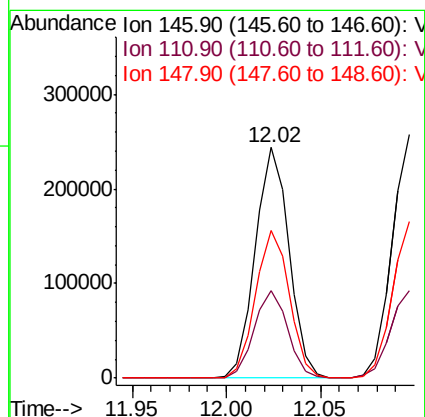
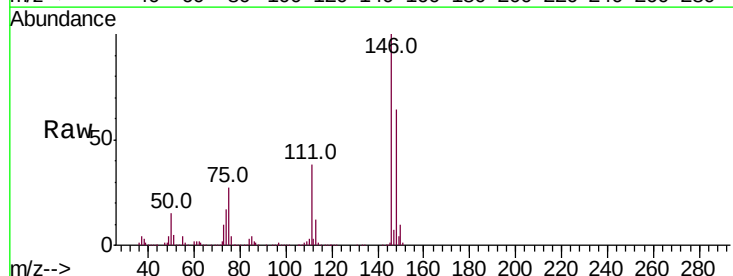
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

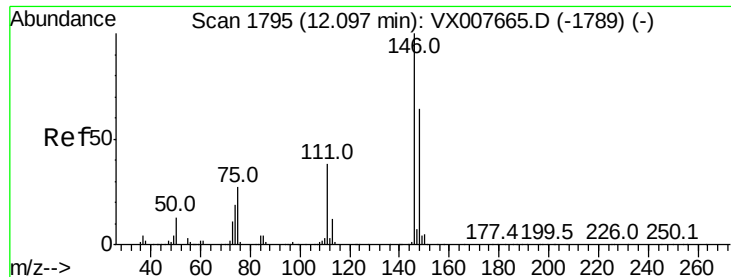
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.7	41.1
91	22.3	11.2	33.5



#87
 1,3-Dichlorobenzene
 Concen: 47.675 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	64.2	32.0	96.2





#88

1,4-Dichlorobenzene

Concen: 47.112 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

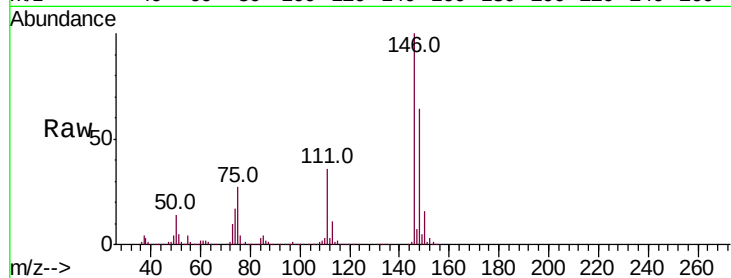
Tot Ion:146 Resp: 306599

Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

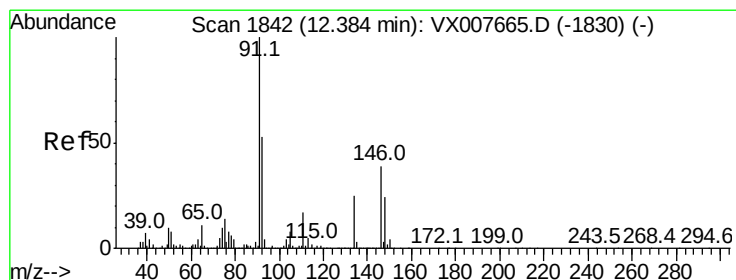
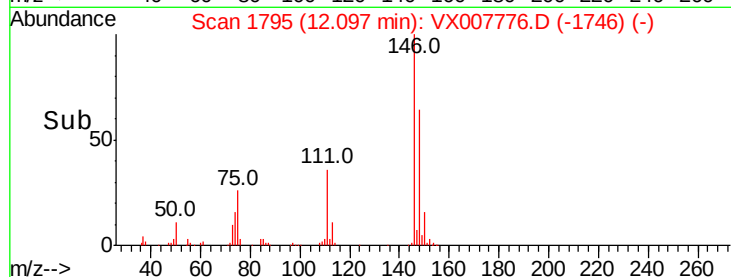
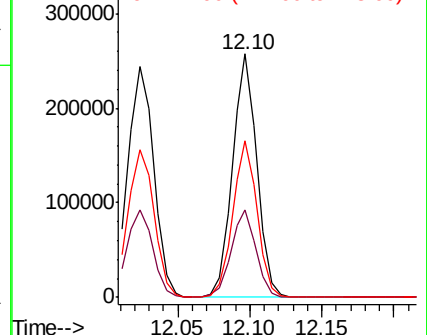
148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 42.406 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

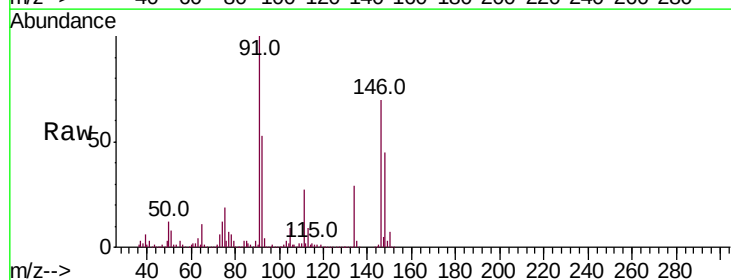
Tgt Ion: 91 Resp: 447677

Ion Ratio Lower Upper

91 100

92 53.5 26.3 78.9

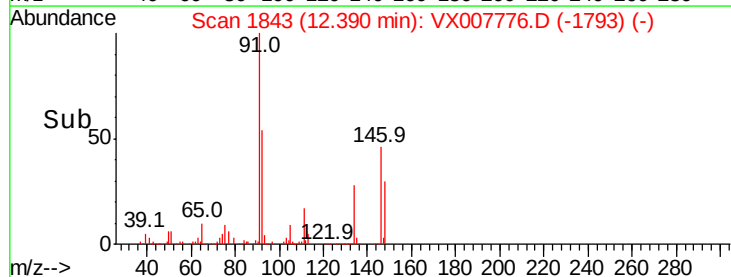
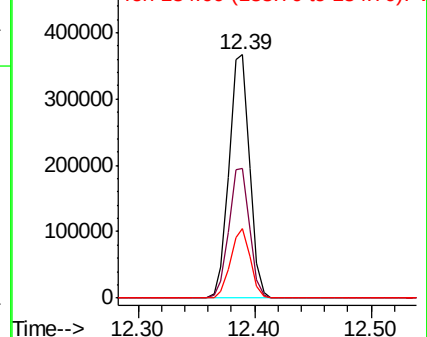
134 27.4 13.9 41.6

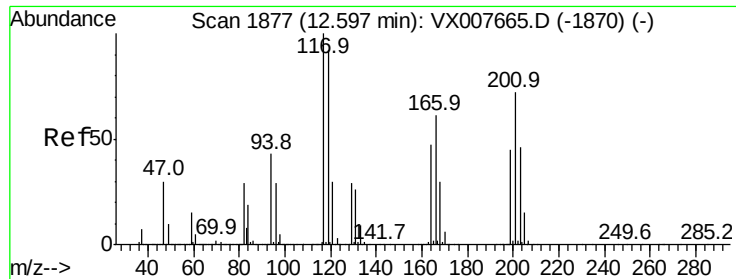


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 44.689 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

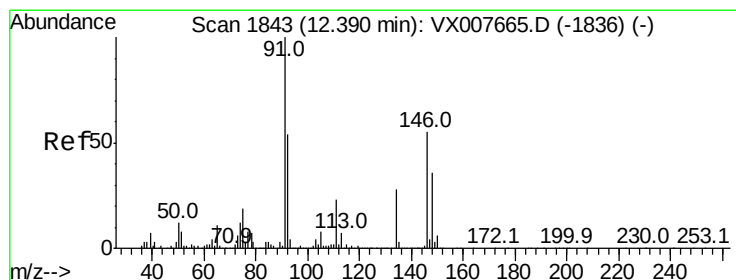
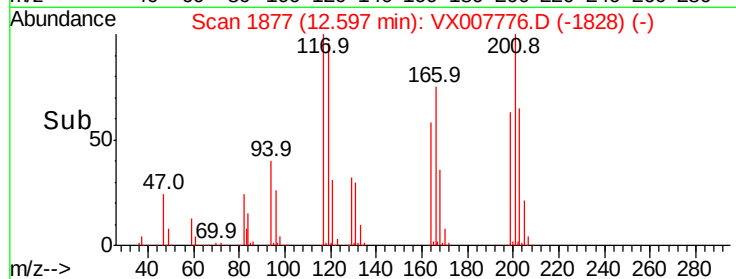
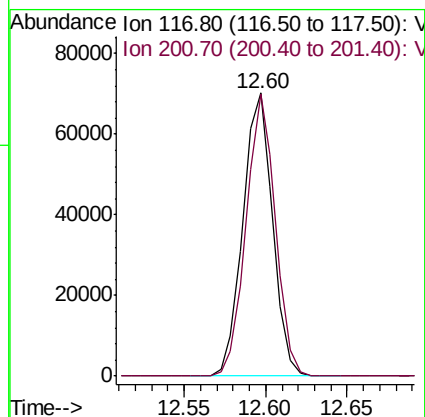
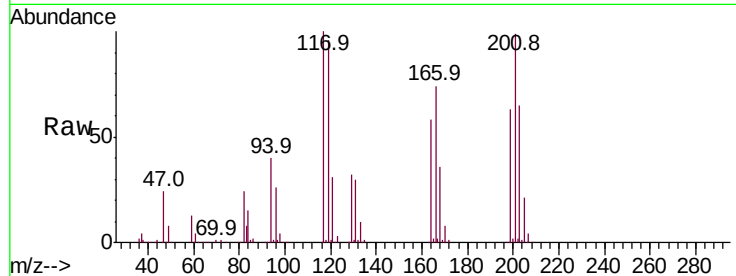
A0C1-TWPMS

Tot Ion:117 Resp: 89134

Ion Ratio Lower Upper

117 100

201 97.8 44.9 134.7



#91

1,2-Dichlorobenzene

Concen: 48.634 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

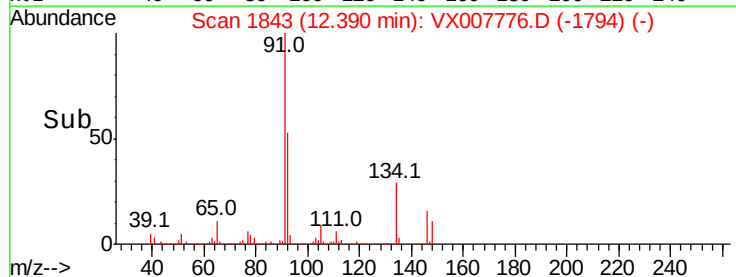
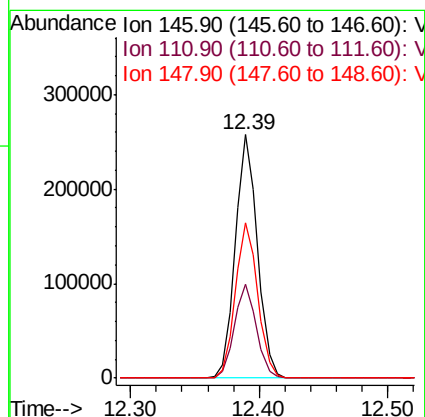
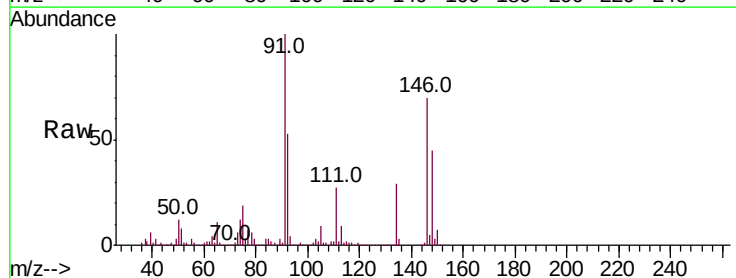
Tgt Ion:146 Resp: 309210

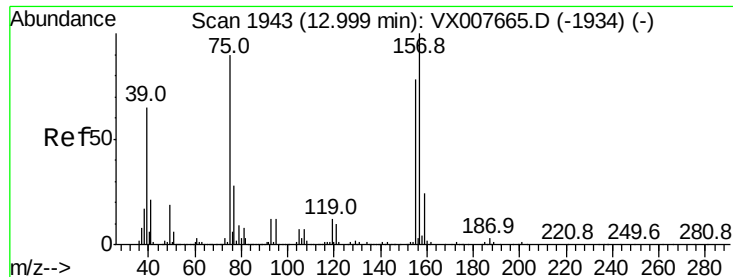
Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

148 64.5 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.057 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

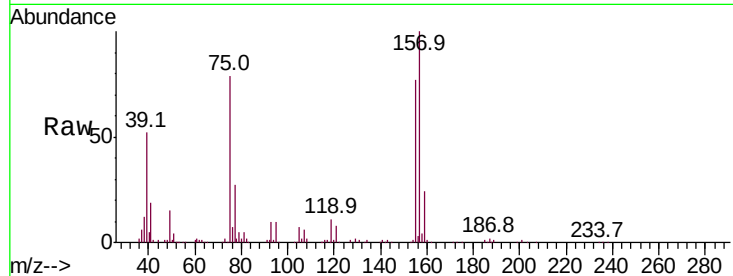
Tot Ion: 75 Resp: 47405

Ion Ratio Lower Upper

75 100

155 97.4 49.6 149.0

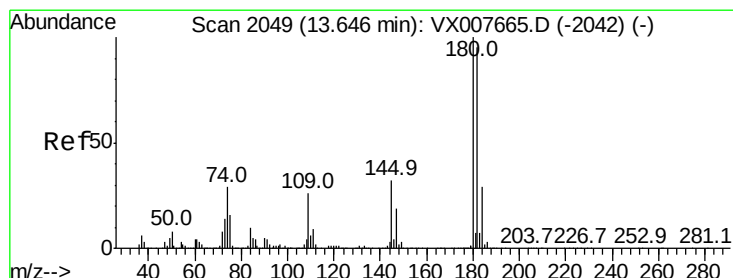
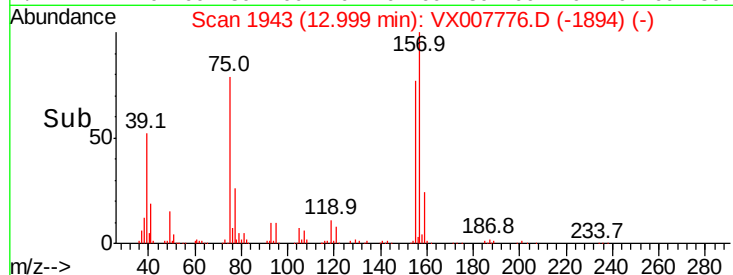
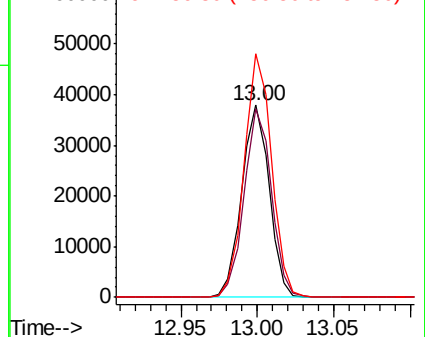
157 125.5 65.1 195.3



Abundance Ion 74.90 (74.60 to 75.60): VX007776.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX007776.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX007776.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 54.433 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

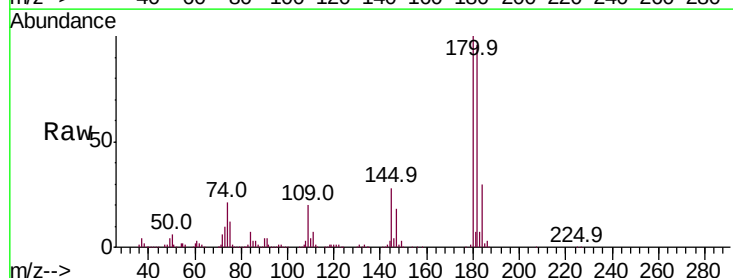
Tgt Ion: 180 Resp: 211255

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.3

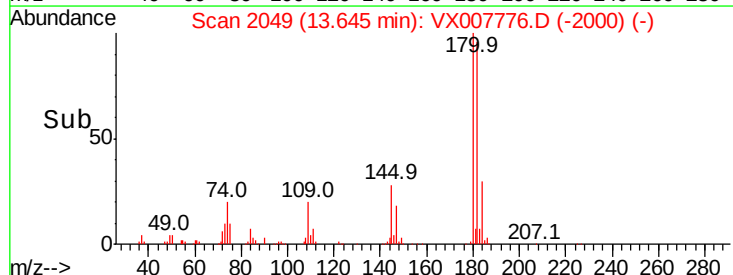
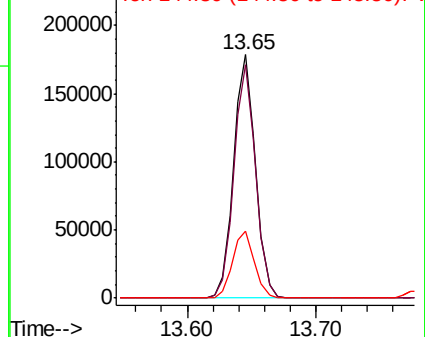
145 28.0 14.1 42.2

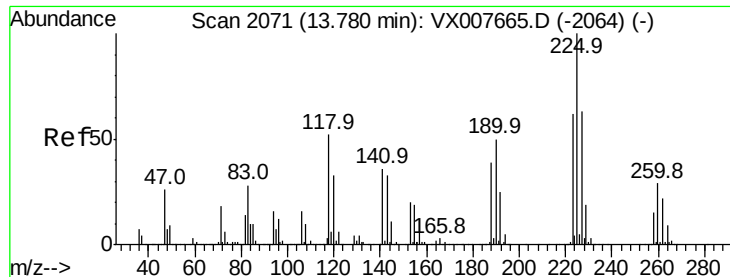


Abundance Ion 179.80 (179.50 to 180.50): VX007776.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX007776.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX007776.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 56.560 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

A0C1-TWPMS

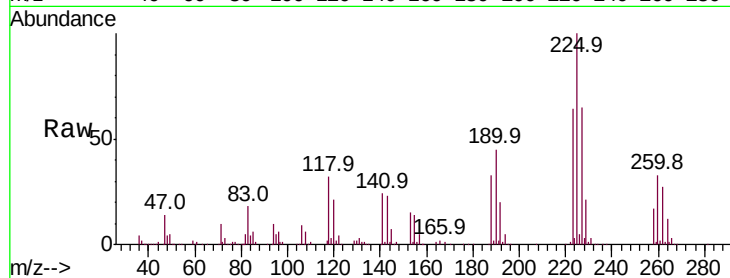
Tot Ion:225 Resp: 100418

Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

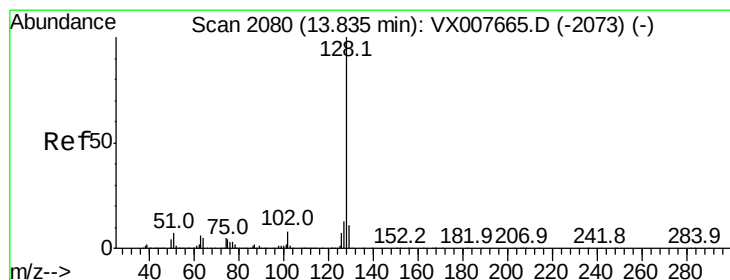
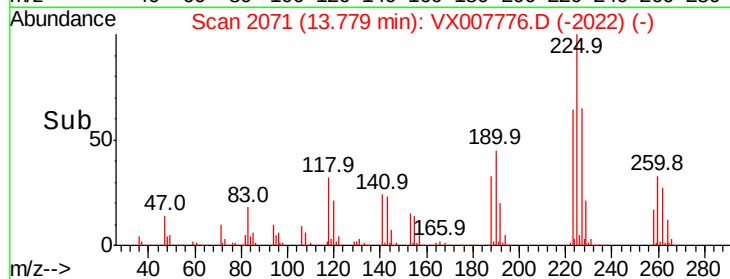
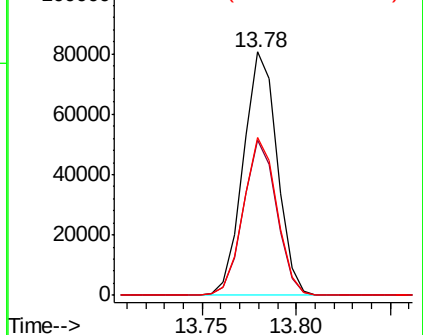
227 63.9 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.823 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

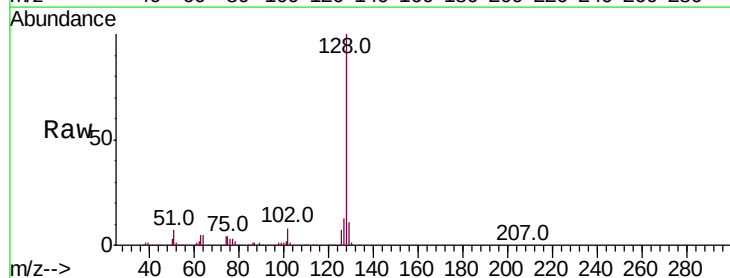
Tgt Ion:128 Resp: 651616

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

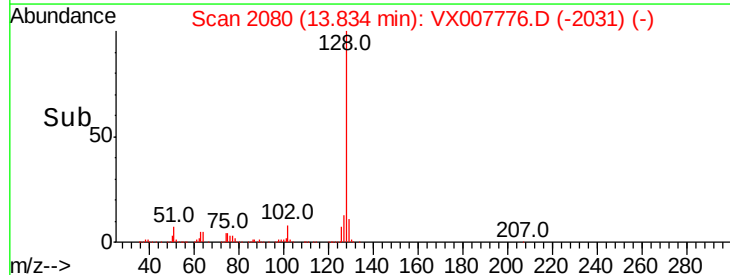
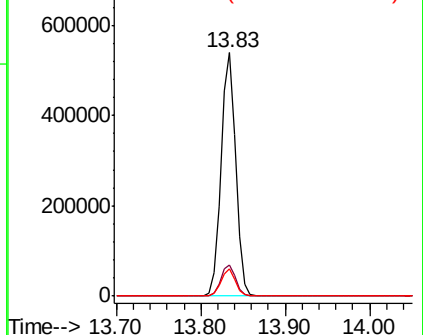
129 10.9 8.7 13.1

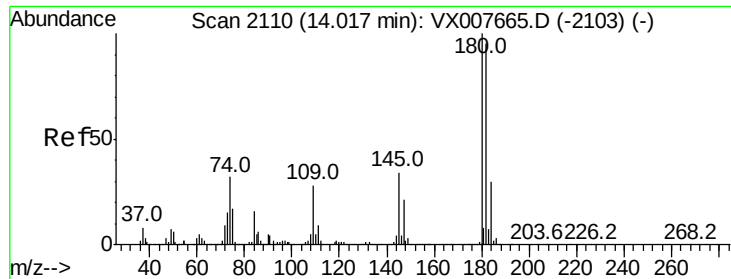


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

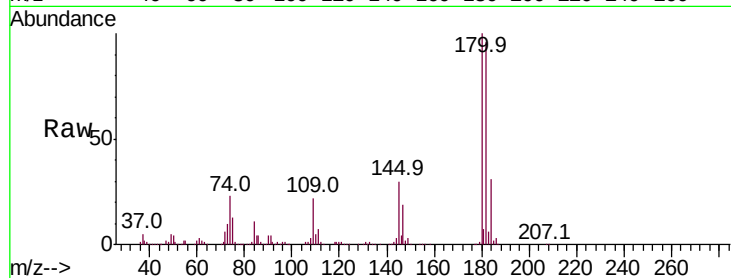




#96
 1,2,3-Trichlorobenzene
 Concen: 55.160 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	29.8	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

