

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005782.D
 Acq On : 05 Nov 2018 16:57
 Operator : JC/MD
 Sample : VX1105WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 00:45:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	237976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	218950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108370	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	105410	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
35) Dibromofluoromethane	5.50	113	84400	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	8.71	98	284295	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	103328	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34529	20.026	ug/l	100
3) Chloromethane	1.32	50	41127	20.222	ug/l	100
4) Vinyl Chloride	1.41	62	42373	20.026	ug/l	93
5) Bromomethane	1.64	94	33706	12.838	ug/l	98
6) Chloroethane	1.72	64	26321	21.229	ug/l	92
7) Trichlorofluoromethane	1.93	101	51840	19.087	ug/l	98
8) Diethyl Ether	2.19	74	23705	19.418	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31617	19.165	ug/l	92
10) Methyl Iodide	2.51	142	31604	20.858	ug/l	98
11) Tert butyl alcohol	3.07	59	57165	96.464	ug/l	99
12) 1,1-Dichloroethene	2.37	96	28594	17.787	ug/l	85
13) Acrolein	2.29	56	35625	92.109	ug/l	99
14) Allyl chloride	2.73	41	62973	18.945	ug/l	96
15) Acrylonitrile	3.15	53	128833	98.864	ug/l	99
16) Acetone	2.45	43	111857	93.872	ug/l	98
17) Carbon Disulfide	2.57	76	84294	17.064	ug/l	96
18) Methyl Acetate	2.78	43	63991	20.433	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	109478	19.674	ug/l	99
20) Methylene Chloride	2.86	84	36973	19.648	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	30431	17.890	ug/l	98
22) Diisopropyl ether	3.87	45	117962	19.130	ug/l	96
23) Vinyl Acetate	3.82	43	497955	92.715	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65753	18.858	ug/l	98
25) 2-Butanone	4.70	43	166029	90.196	ug/l	96
26) 2,2-Dichloropropane	4.59	77	46560	17.864	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	35854	18.758	ug/l	99
28) Bromochloromethane	5.02	49	36010	21.169	ug/l	92
29) Tetrahydrofuran	5.16	42	105178	93.614	ug/l	95
30) Chloroform	5.22	83	63525	18.635	ug/l	98
31) Cyclohexane	5.58	56	50497	17.319	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51495	18.875	ug/l	97
36) 1,1-Dichloropropene	5.79	75	44743	17.647	ug/l	99
37) Ethyl Acetate	4.85	43	60313	18.646	ug/l	98
38) Carbon Tetrachloride	5.79	117	41462	18.100	ug/l	93

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 ClientSampleId :

Quant Time: Nov 06 00:45:51 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44984	17.012	ug/l	94
40) Benzene	6.14	78	142735	18.923	ug/l	99
41) Methacrylonitrile	5.06	41	31347	17.935	ug/l	95
42) 1,2-Dichloroethane	6.20	62	51443	18.451	ug/l	100
43) Isopropyl Acetate	6.46	43	85166	18.140	ug/l	98
44) Trichloroethene	7.21	130	30058	17.230	ug/l	100
45) 1,2-Dichloropropane	7.52	63	36075	18.663	ug/l	100
46) Dibromomethane	7.66	93	21865	17.700	ug/l	90
47) Bromodichloromethane	7.90	83	41489	17.905	ug/l	99
48) Methyl methacrylate	7.77	41	40628	17.880	ug/l	97
49) 1,4-Dioxane	7.75	88	17804	351.864	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	291849	91.166	ug/l	97
52) Toluene	8.79	92	74581	18.280	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	44444	17.698	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	49888	18.543	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33304	18.796	ug/l	93
56) Ethyl methacrylate	9.18	69	48081	17.667	ug/l	100
57) 1,3-Dichloropropane	9.37	76	56149	18.448	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	154658	97.130	ug/l	95
59) 2-Hexanone	9.50	43	242129	92.940	ug/l	96
60) Dibromochloromethane	9.59	129	31705	18.518	ug/l	100
61) 1,2-Dibromoethane	9.67	107	34780	19.264	ug/l	94
64) Tetrachloroethene	9.34	164	32203	20.132	ug/l	89
65) Chlorobenzene	10.14	112	87420	18.789	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	30856	19.373	ug/l	96
67) Ethyl Benzene	10.25	91	141516	17.822	ug/l	98
68) m/p-Xylenes	10.36	106	110524	37.458	ug/l	98
69) o-Xylene	10.70	106	49584	17.570	ug/l	95
70) Styrene	10.71	104	86397	18.433	ug/l	99
71) Bromoform	10.86	173	22356	17.323	ug/l	# 98
73) Isopropylbenzene	11.02	105	139517	19.514	ug/l	99
74) N-amyl acetate	10.90	43	69108	18.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	55710	18.782	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64856	24.029	ug/l	83
77) Bromobenzene	11.26	156	34747	19.592	ug/l	89
78) n-propylbenzene	11.36	91	166971	19.198	ug/l	97
79) 2-Chlorotoluene	11.42	91	100275	19.303	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	119186	19.633	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15263	18.271	ug/l	91
82) 4-Chlorotoluene	11.51	91	118253	19.068	ug/l	96
83) tert-Butylbenzene	11.77	119	110989	19.162	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	122798	20.032	ug/l	97
85) sec-Butylbenzene	11.94	105	139970	18.838	ug/l	97
86) p-Isopropyltoluene	12.07	119	122804	19.434	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	64539	18.820	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	66121	17.948	ug/l	97
89) n-Butylbenzene	12.39	91	113169	17.750	ug/l	97
90) Hexachloroethane	12.60	117	20449	18.240	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	66072	18.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12744	18.318	ug/l	87

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
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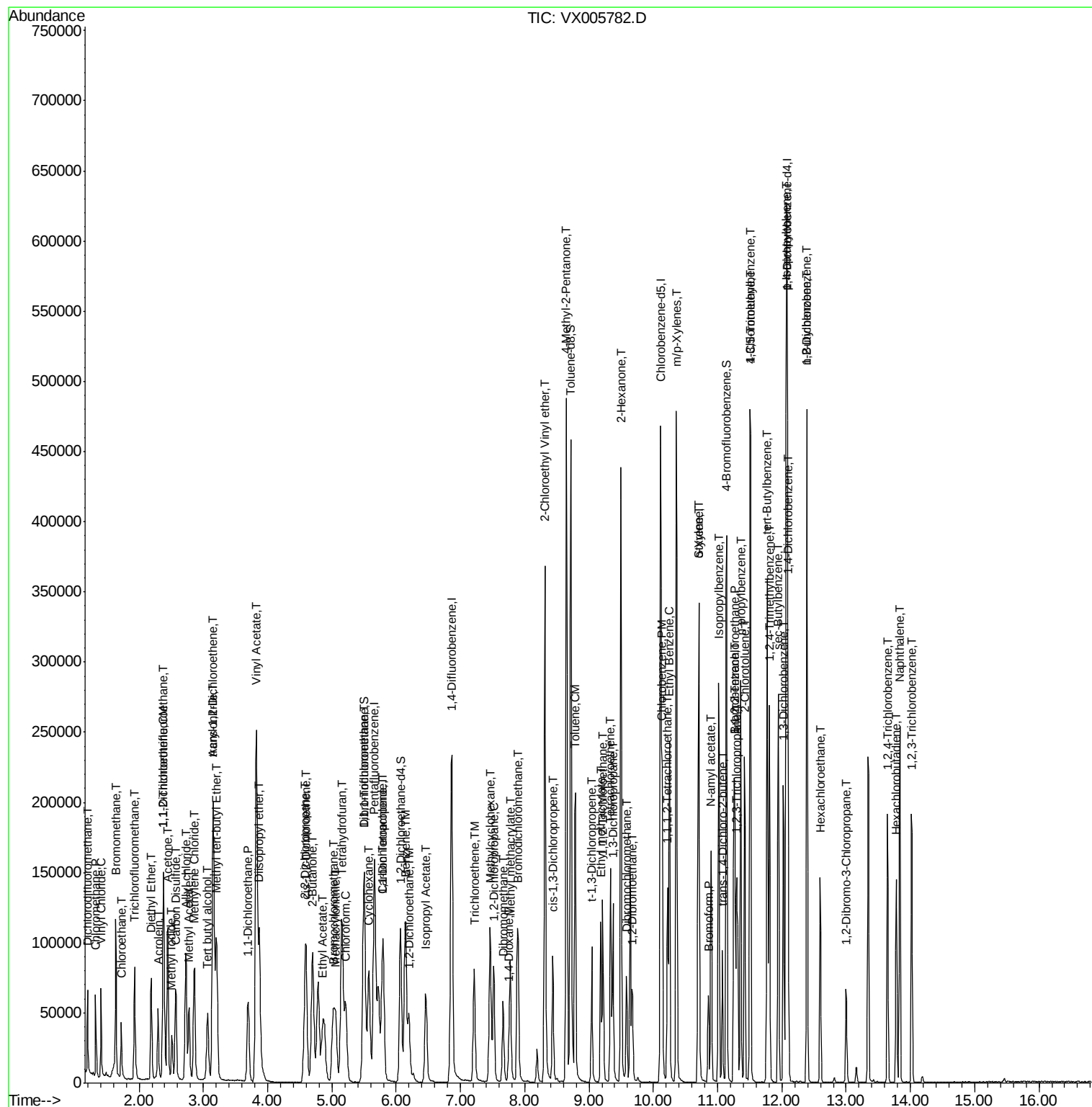
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	43194	18.798	ug/l	97
94) Hexachlorobutadiene	13.78	225	20488	18.431	ug/l	100
95) Naphthalene	13.83	128	145490	19.253	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45801	19.579	ug/l	99

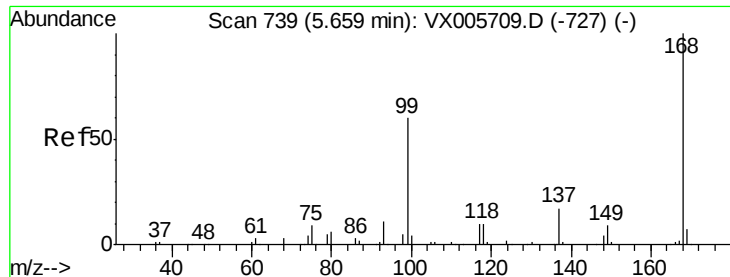
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

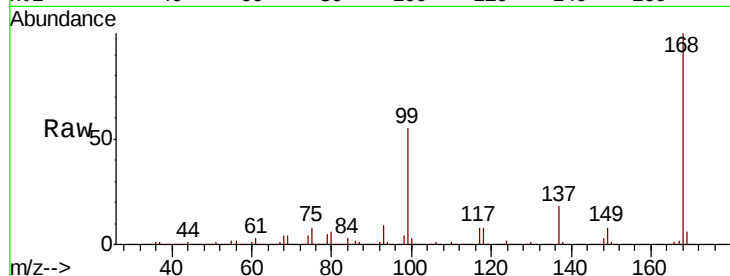
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 149255

Ion Ratio Lower Upper

168 100

99 55.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

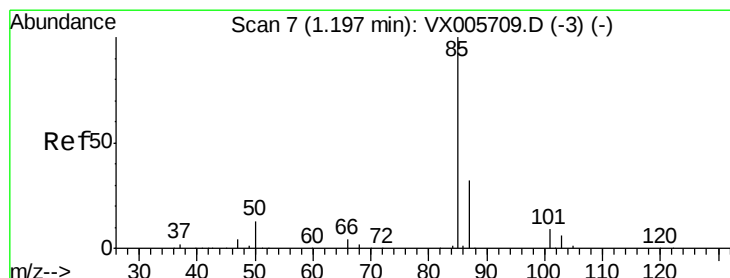
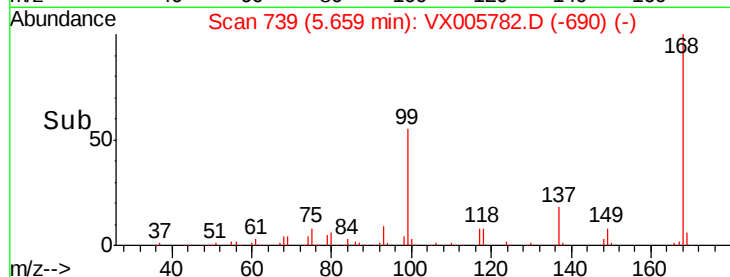
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.026 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005782.D

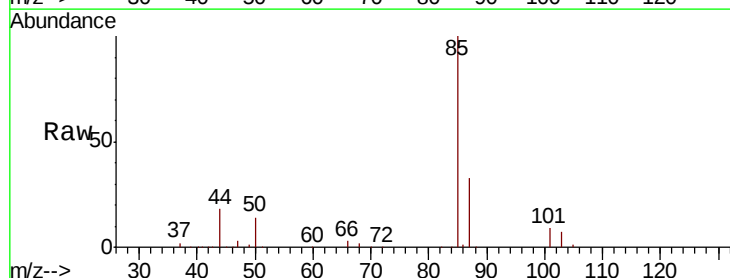
Acq: 05 Nov 2018 16:57

Tgt Ion: 85 Resp: 34529

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

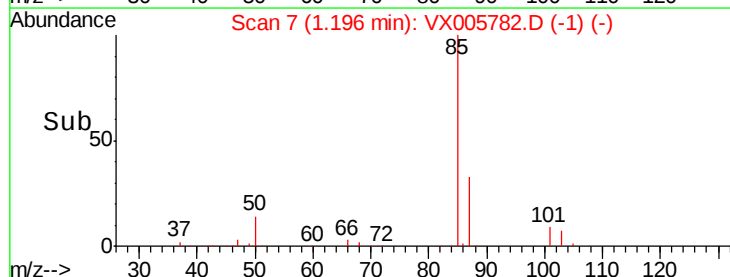
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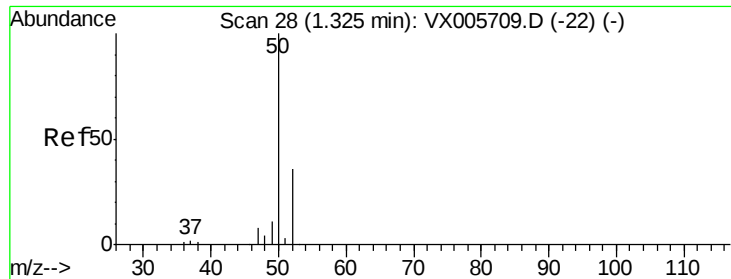
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

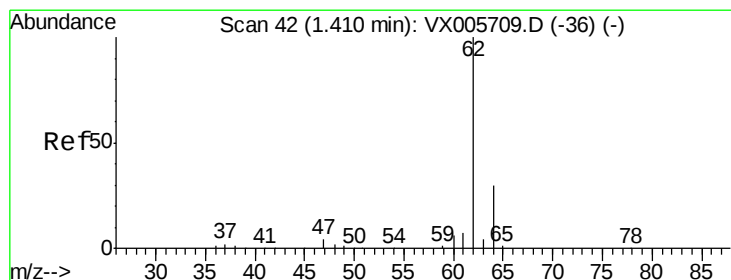
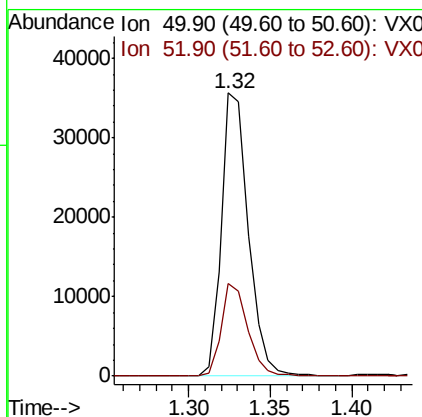
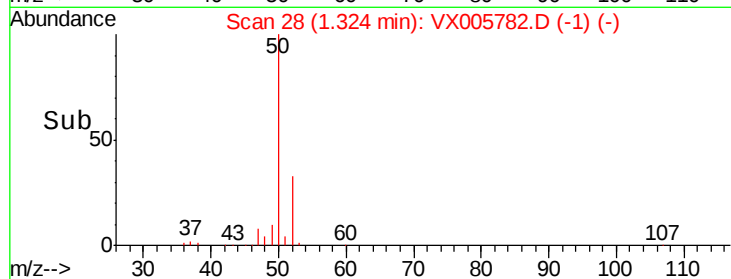
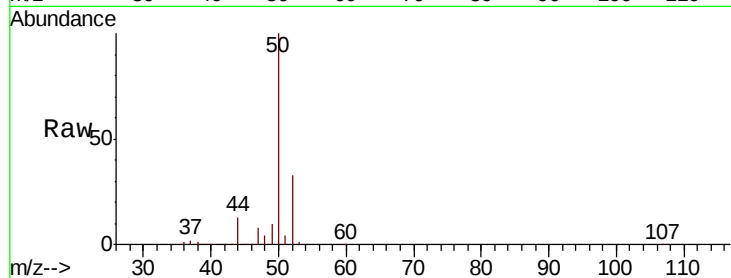




#3
Chloromethane
Concen: 20.222 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

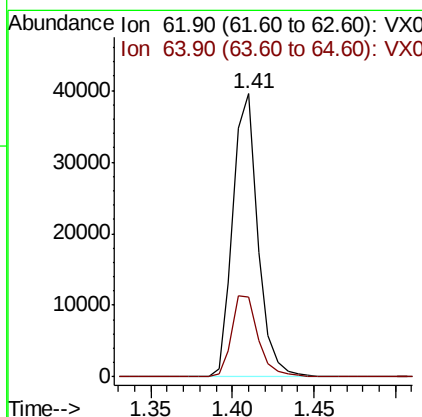
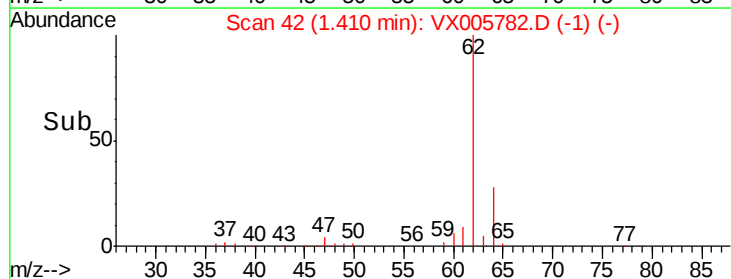
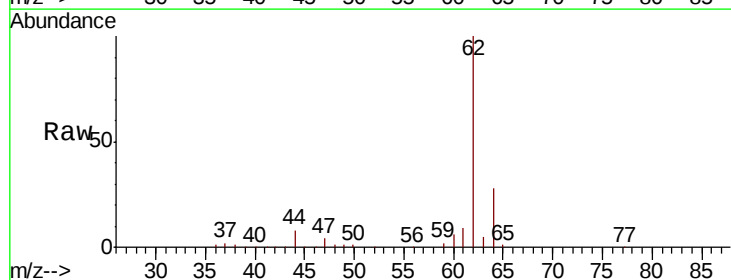
Instrument :
MSVOA_X
ClientSampleId :

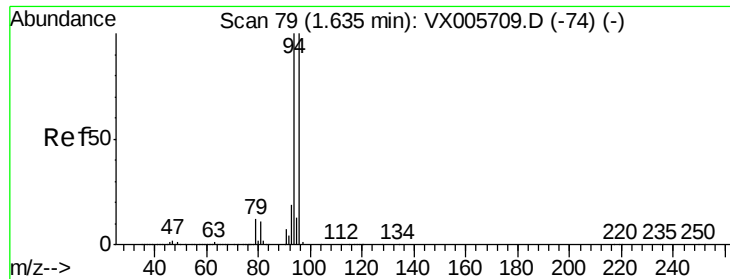
Tot Ion: 50 Resp: 41127
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 20.026 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 62 Resp: 42373
Ion Ratio Lower Upper
62 100
64 28.0 25.3 37.9





#5

Bromomethane

Concen: 12.838 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

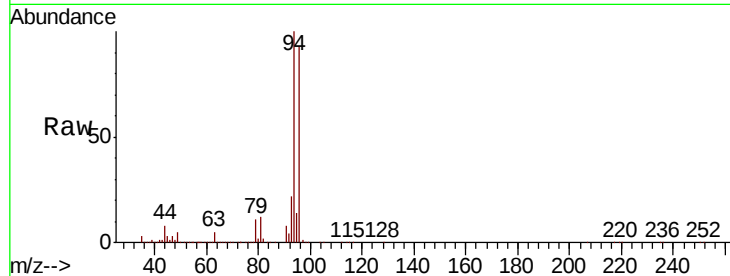
ClientSampleId :

Tot Ion: 94 Resp: 33706

Ion Ratio Lower Upper

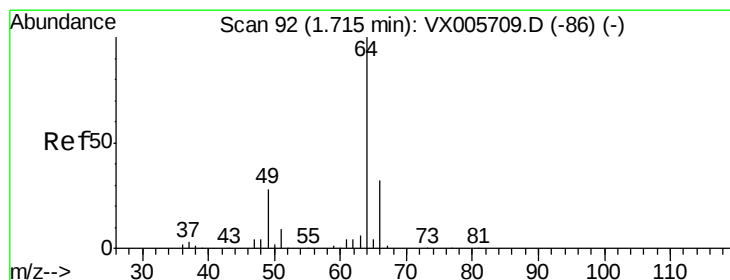
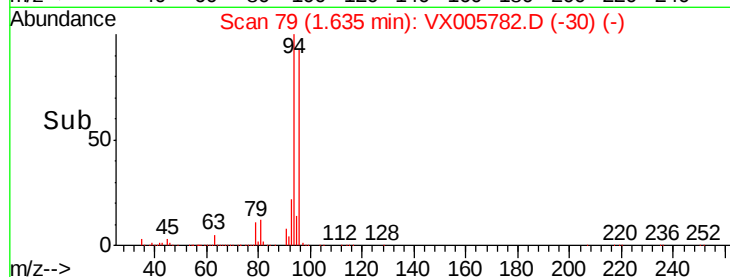
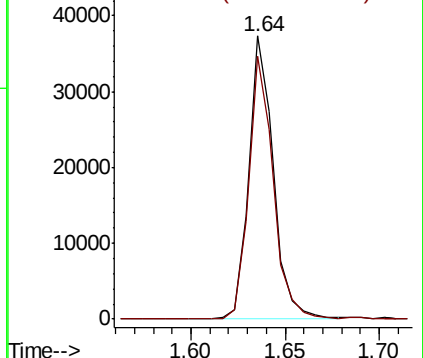
94 100

96 92.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.229 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005782.D

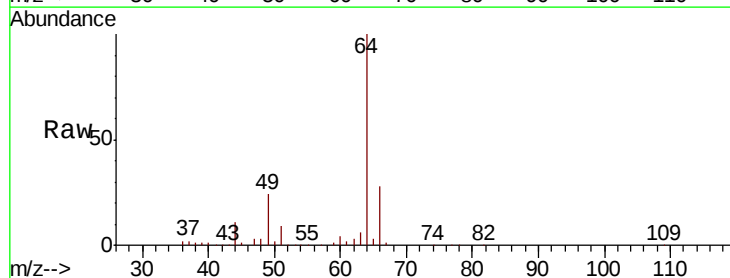
Acq: 05 Nov 2018 16:57

Tgt Ion: 64 Resp: 26321

Ion Ratio Lower Upper

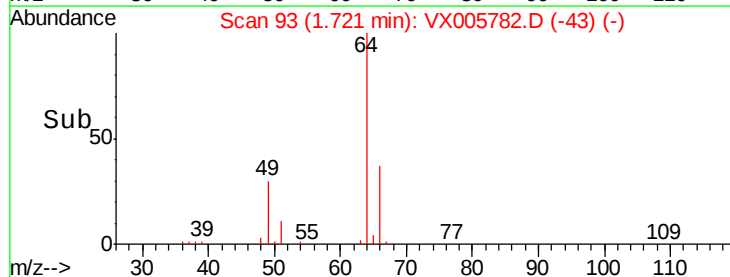
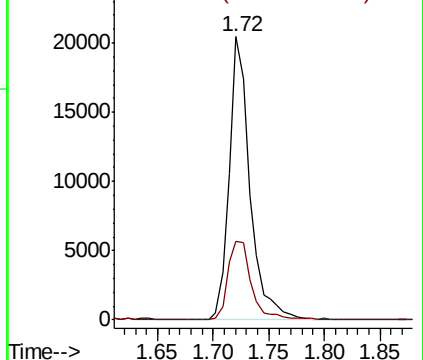
64 100

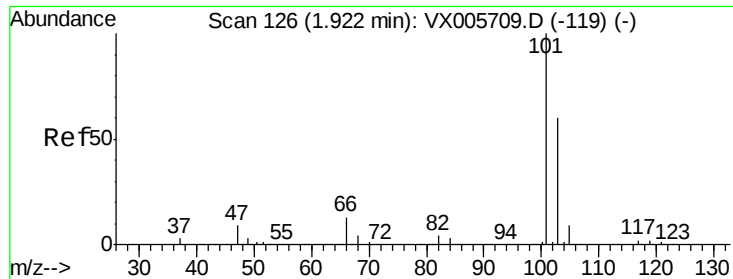
66 27.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



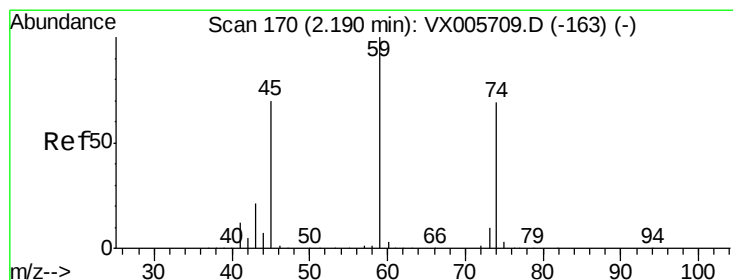
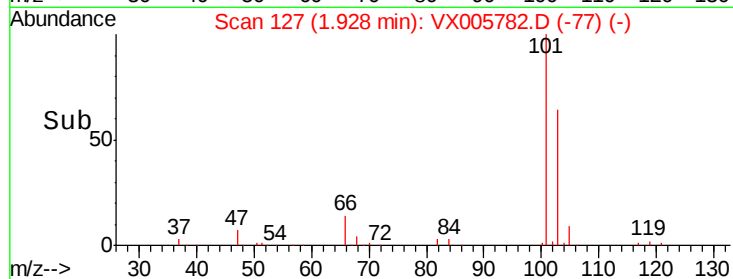
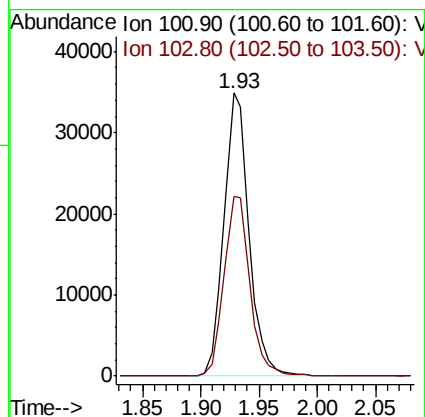
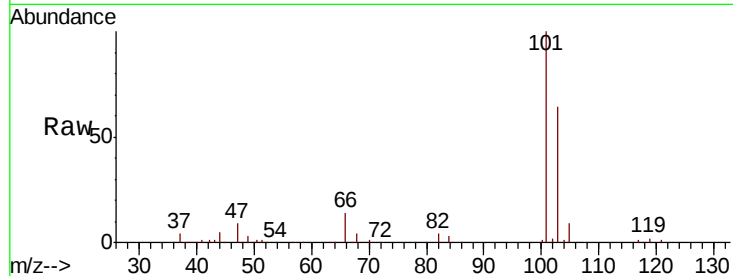


#7

Trichlorofluoromethane
 Concen: 19.087 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :

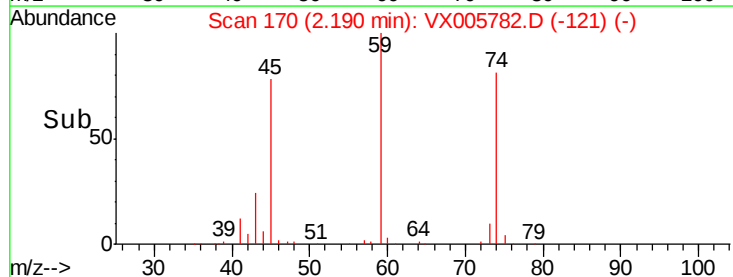
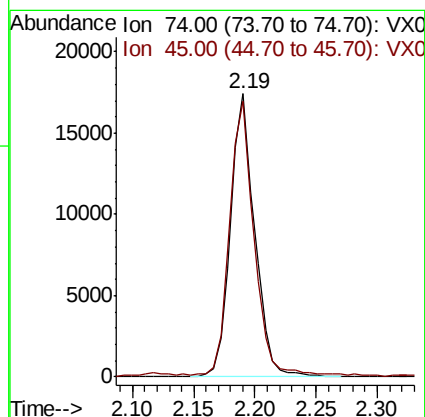
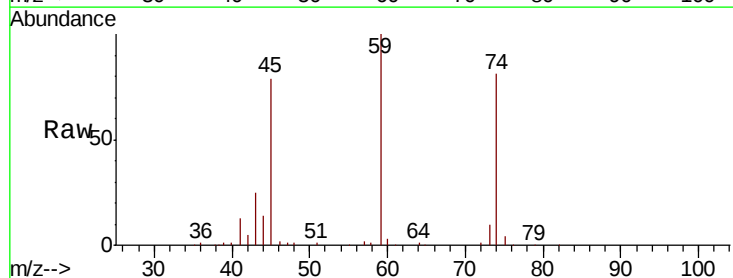
Tot Ion:101 Resp: 51840
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.0 75.0

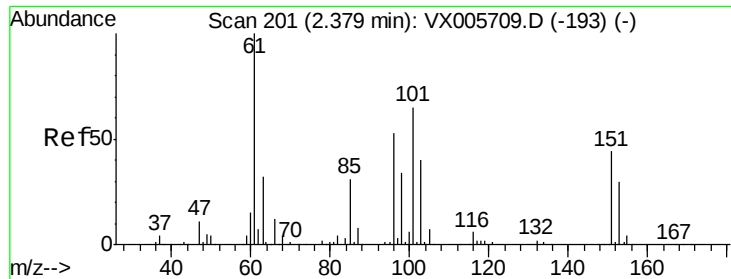


#8

Diethyl Ether
 Concen: 19.418 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion: 74 Resp: 23705
 Ion Ratio Lower Upper
 74 100
 45 96.9 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.165 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

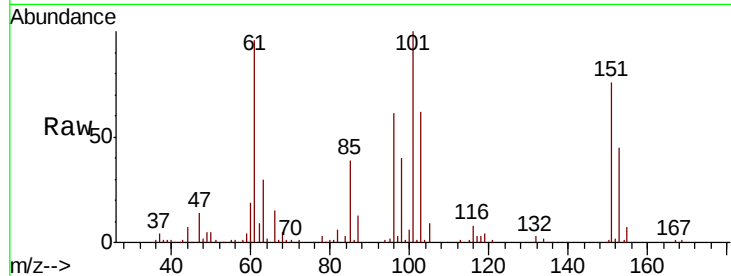
Tot Ion:101 Resp: 31617

Ion Ratio Lower Upper

101 100

85 44.6 35.0 52.4

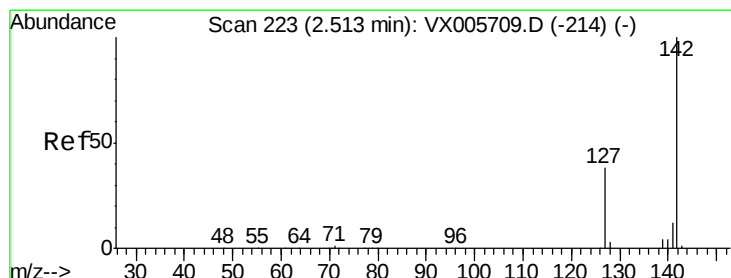
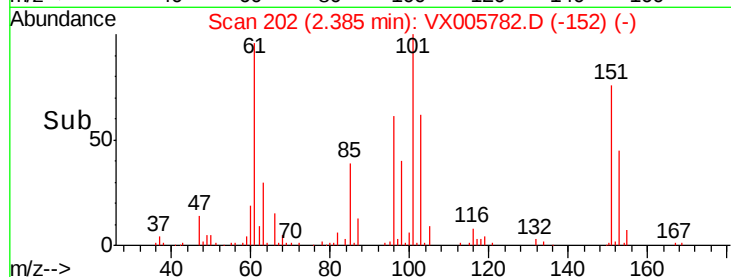
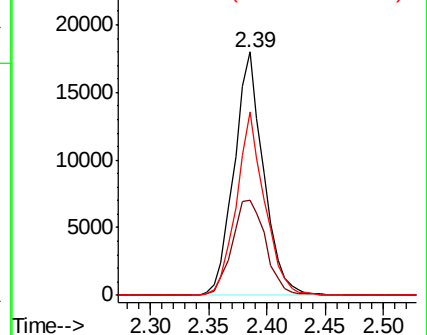
151 72.6 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.858 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

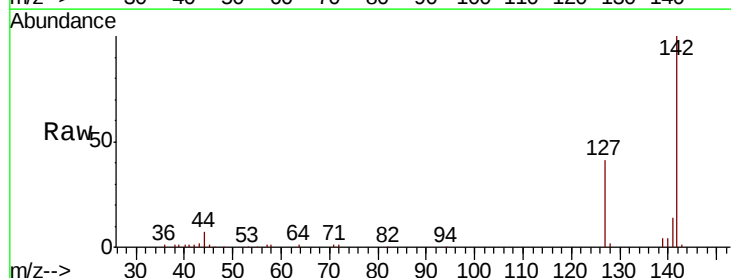
Tgt Ion:142 Resp: 31604

Ion Ratio Lower Upper

142 100

127 43.5 36.0 54.0

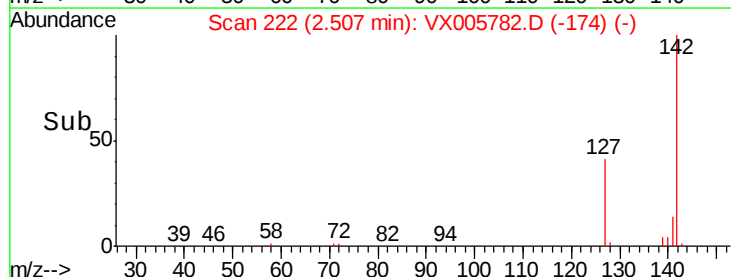
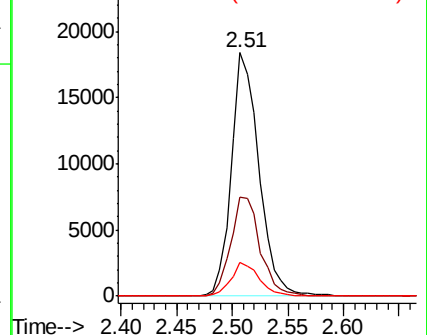
141 14.0 11.7 17.5

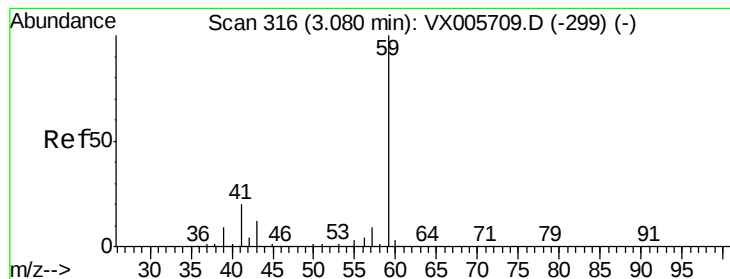


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



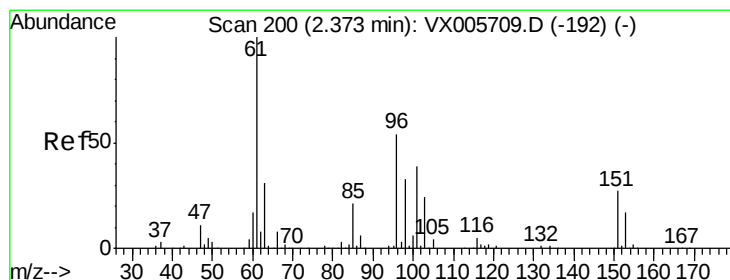
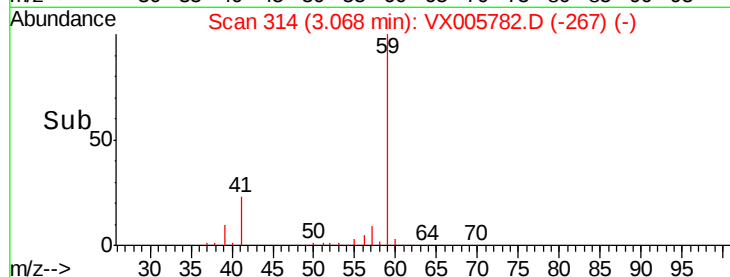
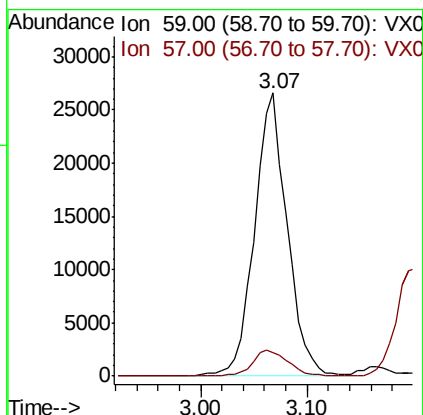
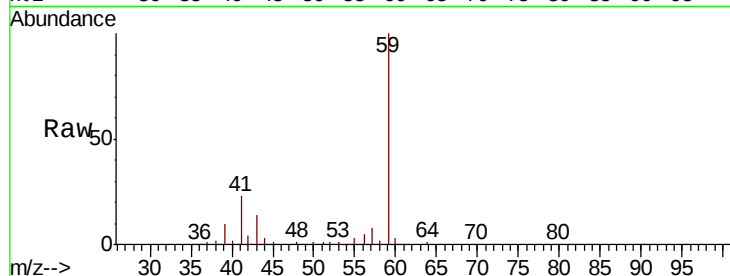


#11

Tert butyl alcohol
 Concen: 96.464 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampled :

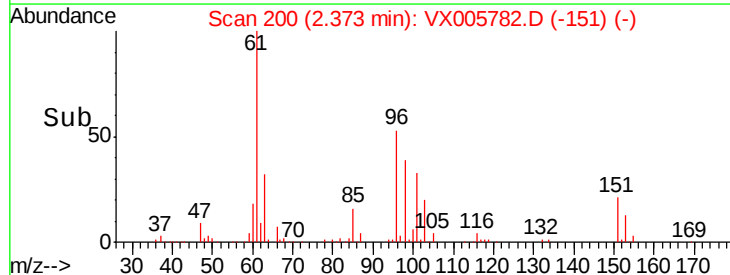
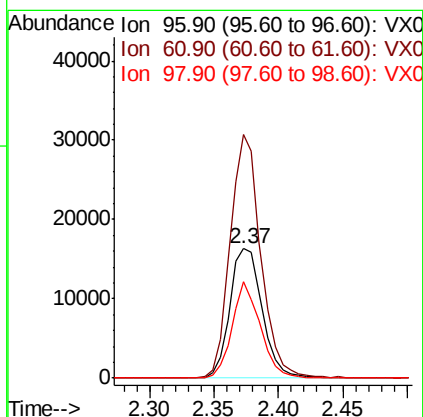
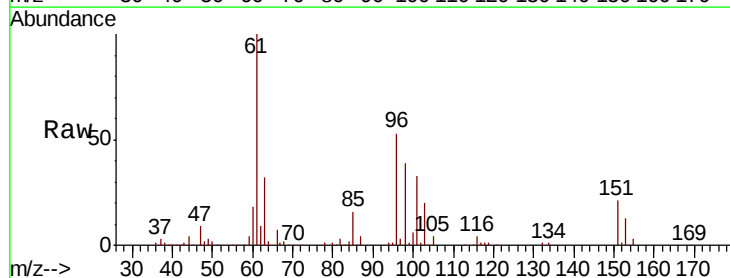
Tot Ion: 59 Resp: 57165
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

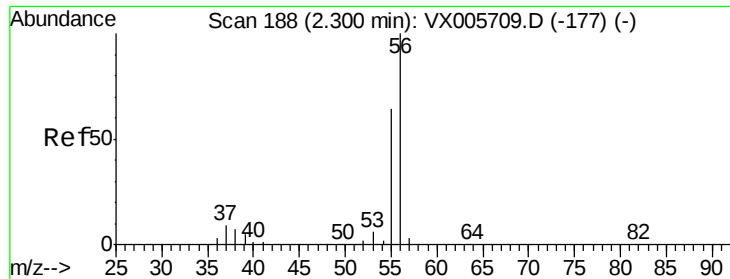


#12

1,1-Dichloroethene
 Concen: 17.787 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion: 96 Resp: 28594
 Ion Ratio Lower Upper
 96 100
 61 188.0 131.8 197.8
 98 74.1 53.4 80.2

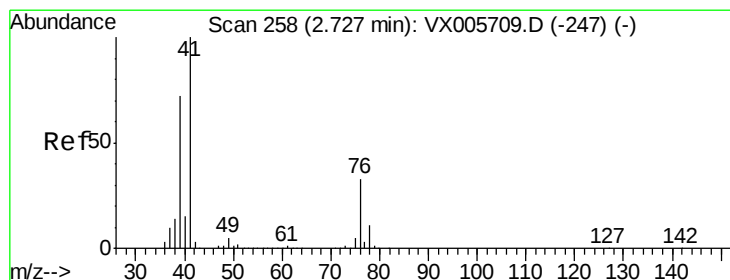
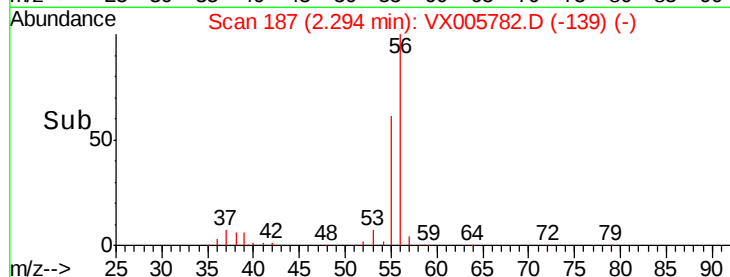
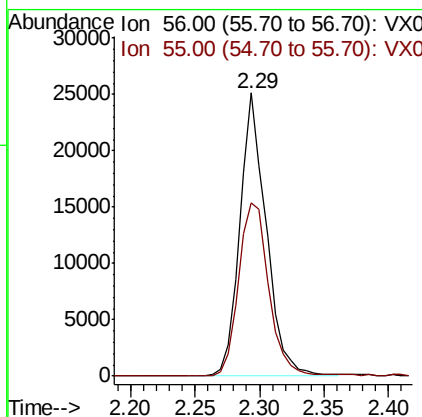
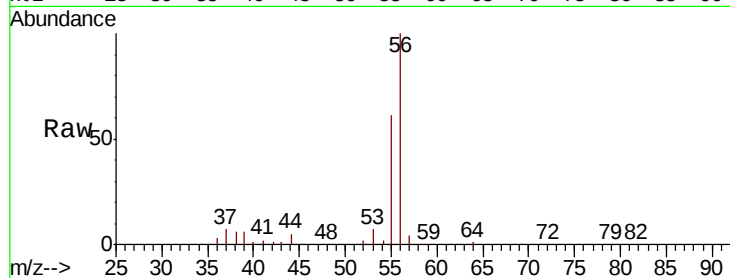




#13
 Acrolein
 Concen: 92.109 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

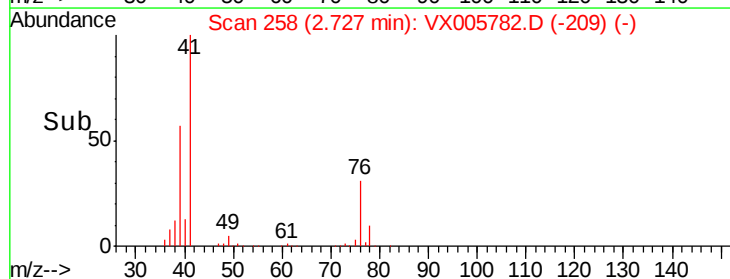
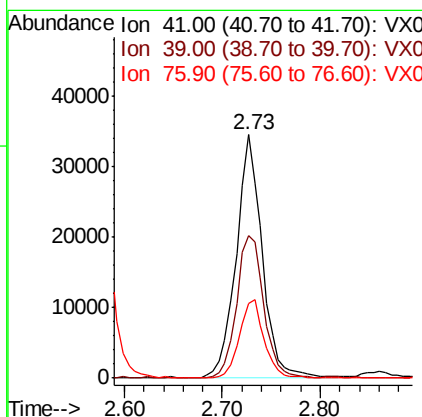
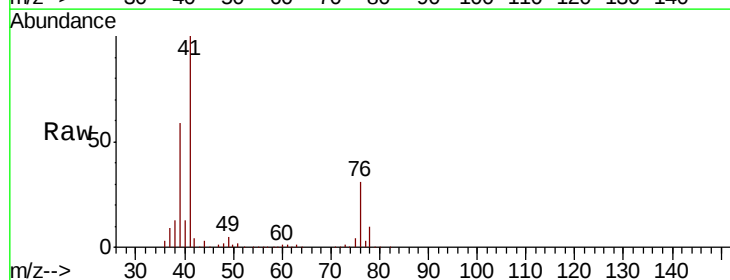
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 56 Resp: 35625
 Ion Ratio Lower Upper
 56 100
 55 70.7 57.3 85.9



#14
 Allyl chloride
 Concen: 18.945 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion: 41 Resp: 62973
 Ion Ratio Lower Upper
 41 100
 39 62.0 48.2 72.4
 76 31.1 21.9 32.9





#15

Acrylonitrile

Concen: 98.864 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

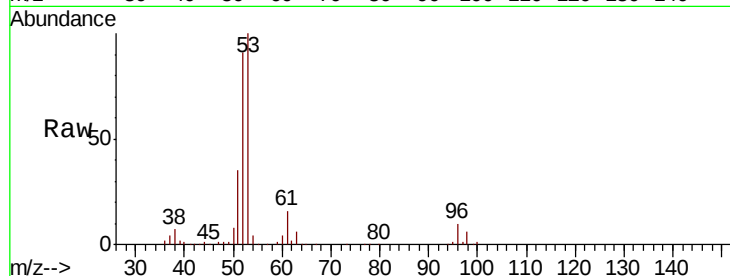
Tot Ion: 53 Resp: 128833

Ion Ratio Lower Upper

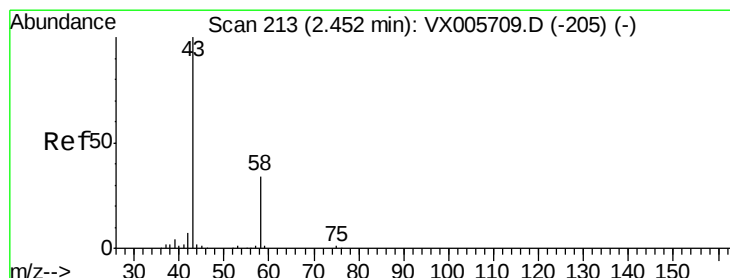
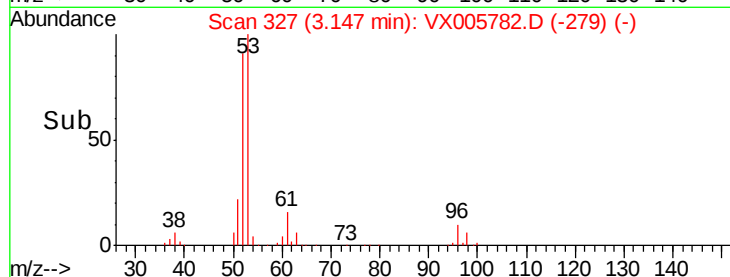
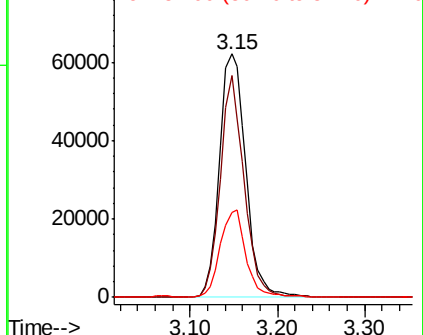
53 100

52 82.7 66.6 99.8

51 35.8 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: 93.872 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005782.D

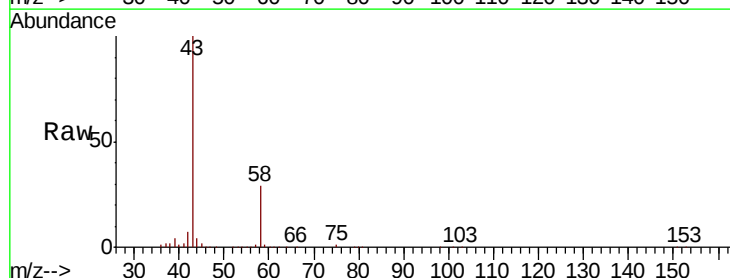
Acq: 05 Nov 2018 16:57

Tgt Ion: 43 Resp: 111857

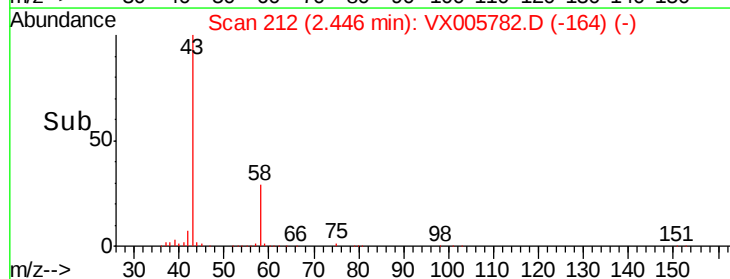
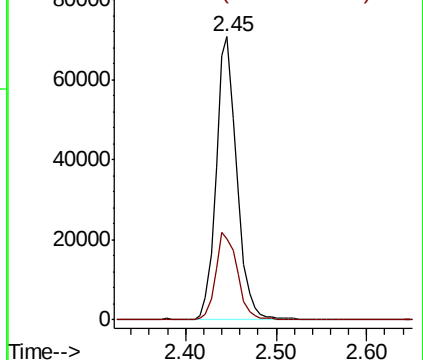
Ion Ratio Lower Upper

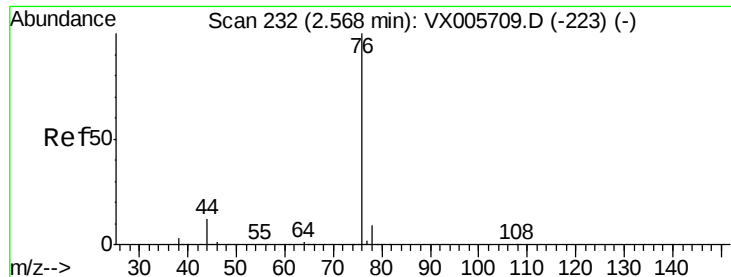
43 100

58 28.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

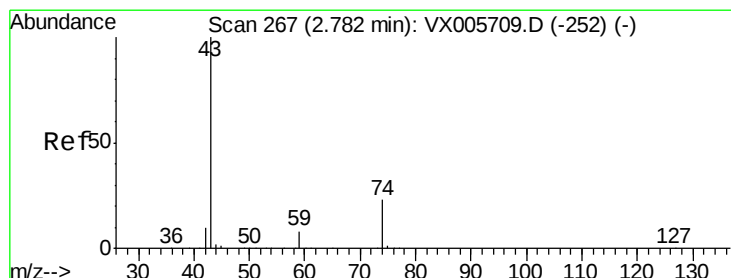
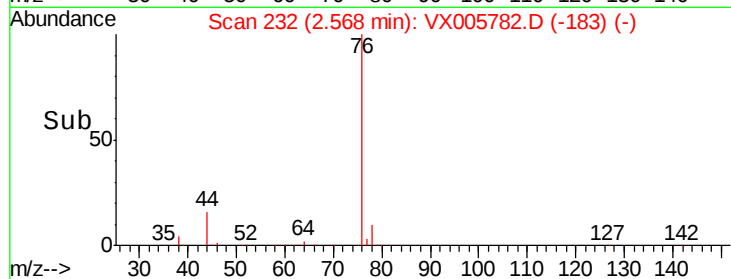
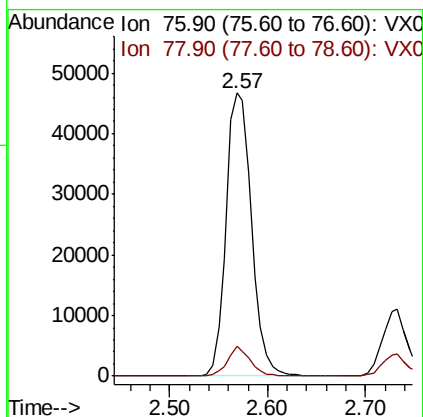
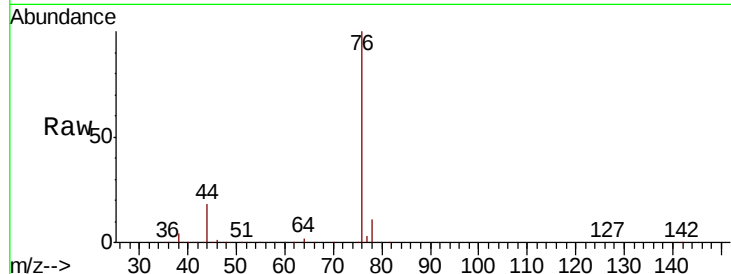




#17
Carbon Disulfide
Concen: 17.064 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

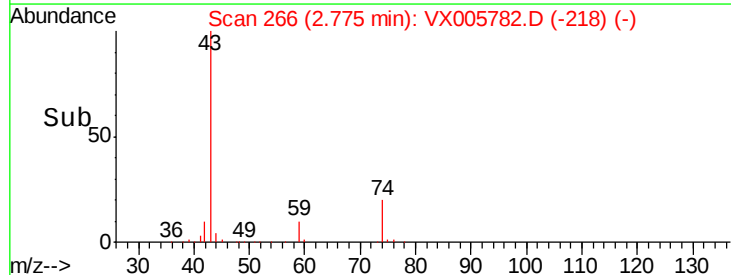
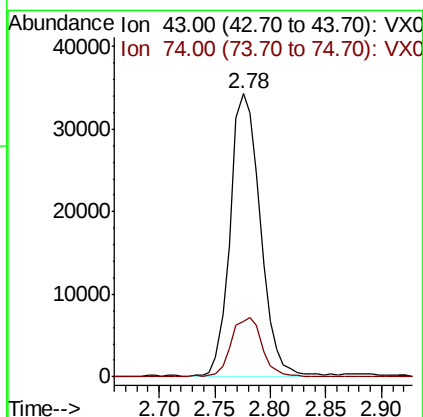
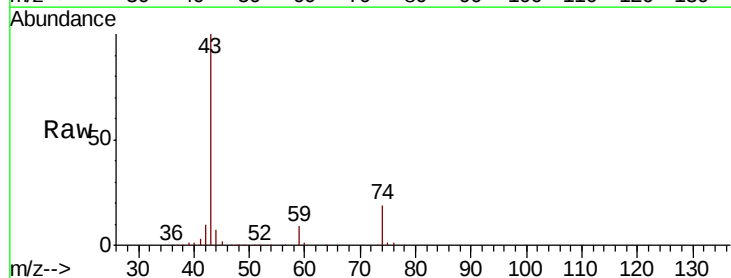
Instrument :
MSVOA_X
ClientSampled :

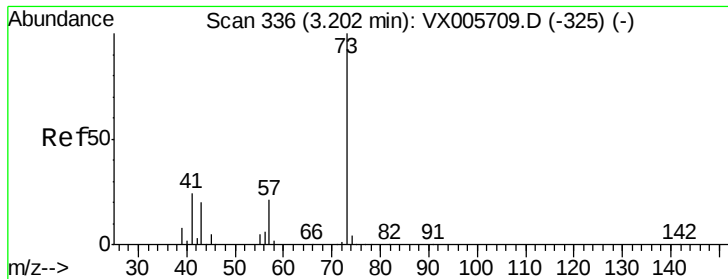
Tot Ion: 76 Resp: 84294
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#18
Methyl Acetate
Concen: 20.433 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 43 Resp: 63991
Ion Ratio Lower Upper
43 100
74 22.0 16.8 25.2

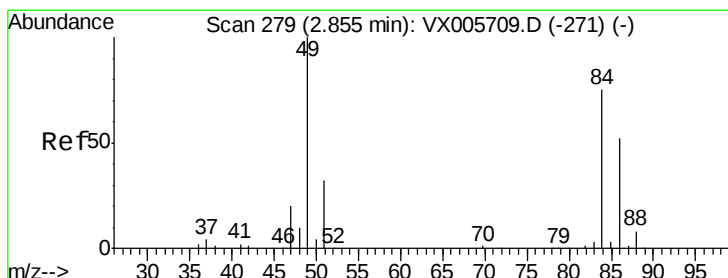
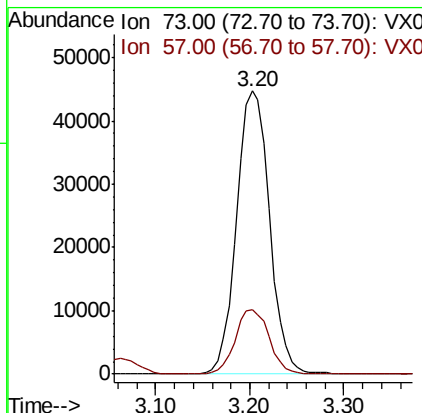
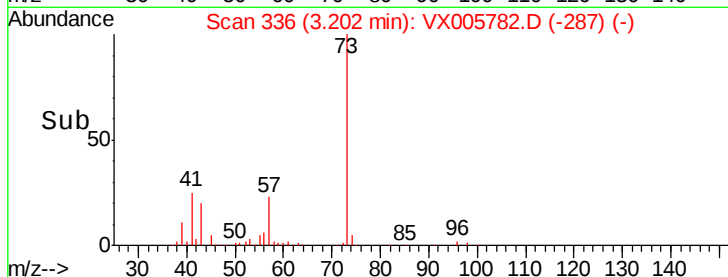
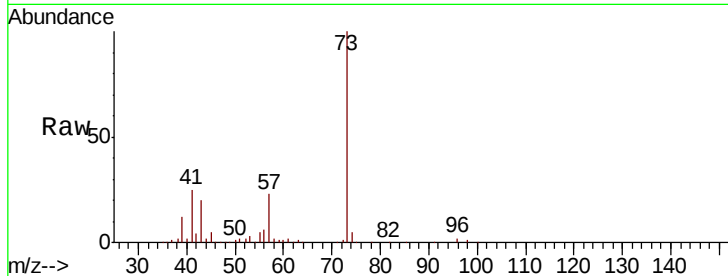




#19
Methyl tert-butyl Ether
Concen: 19.674 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

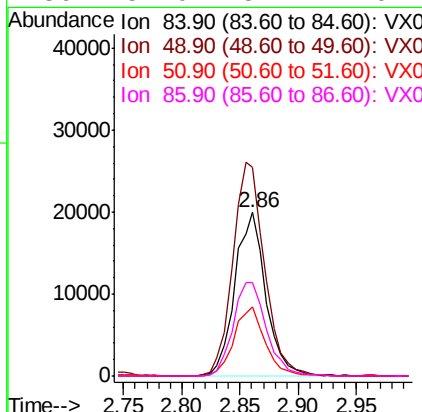
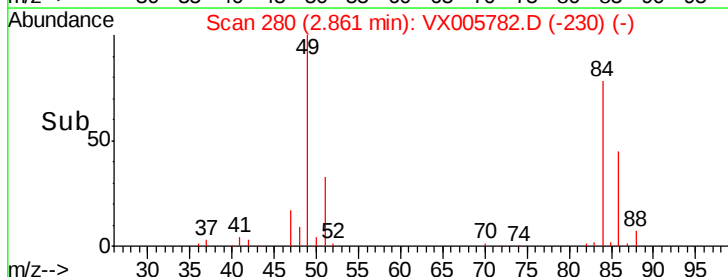
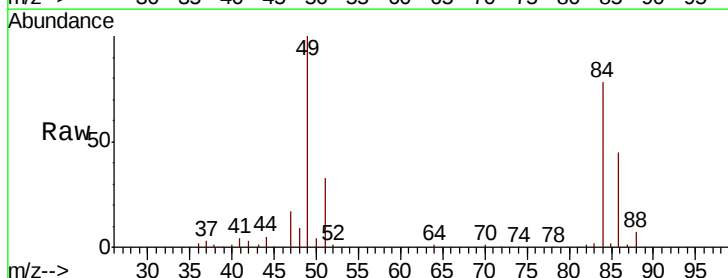
Instrument :
MSVOA_X
ClientSampled :

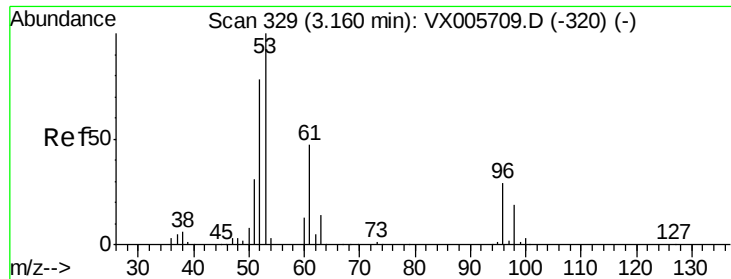
Tot Ion: 73 Resp: 109478
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2



#20
Methylene Chloride
Concen: 19.648 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 84 Resp: 36973
Ion Ratio Lower Upper
84 100
49 127.5 109.5 164.3
51 42.5 33.3 49.9
86 57.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.890 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

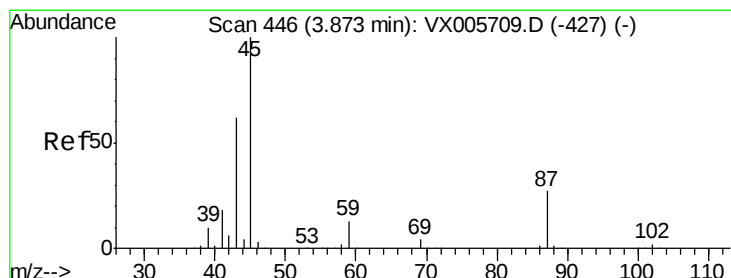
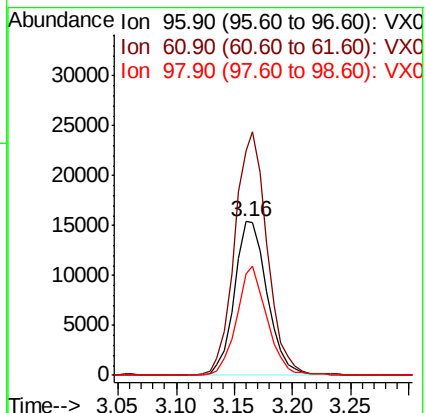
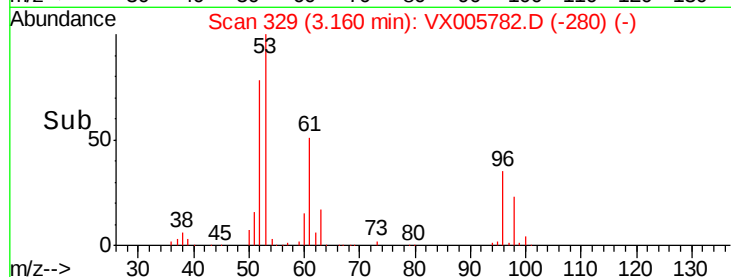
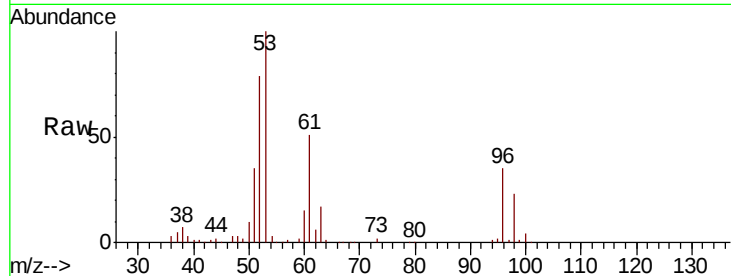
Tot Ion: 96 Resp: 30431

Ion Ratio Lower Upper

96 100

61 146.5 115.6 173.4

98 65.8 50.2 75.2



#22

Diisopropyl ether

Concen: 19.130 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion: 45 Resp: 117962

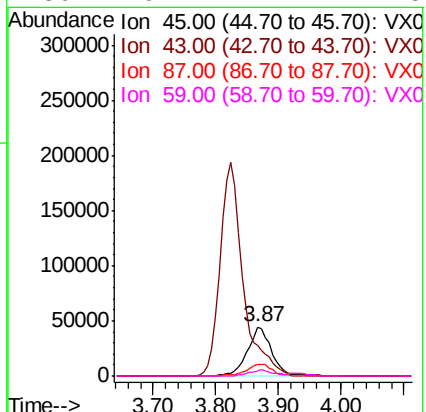
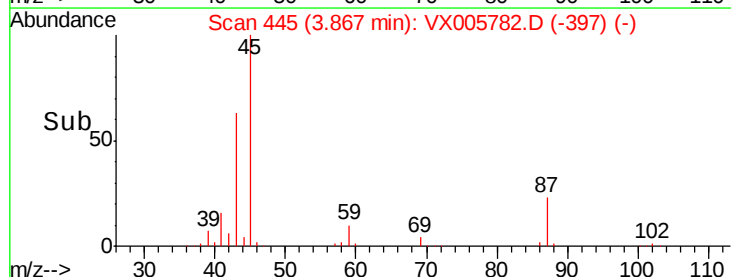
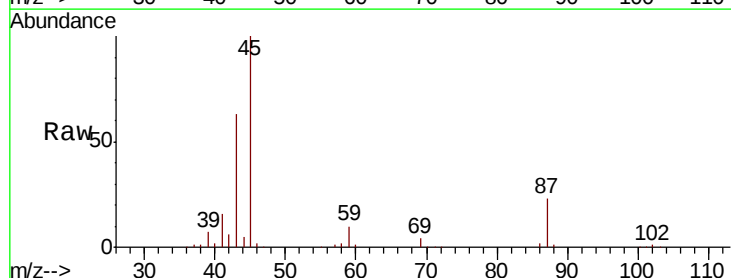
Ion Ratio Lower Upper

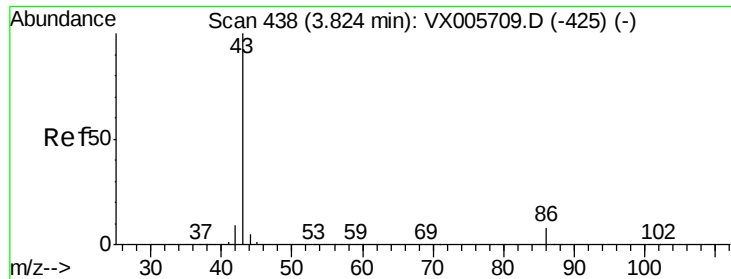
45 100

43 62.7 47.4 71.2

87 22.5 15.9 23.9

59 10.2 7.7 11.5





#23

Vinyl Acetate

Concen: 92.715 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

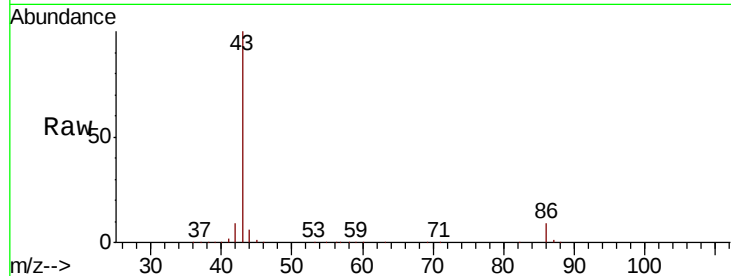
ClientSampleId :

Tot Ion: 43 Resp: 497955

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

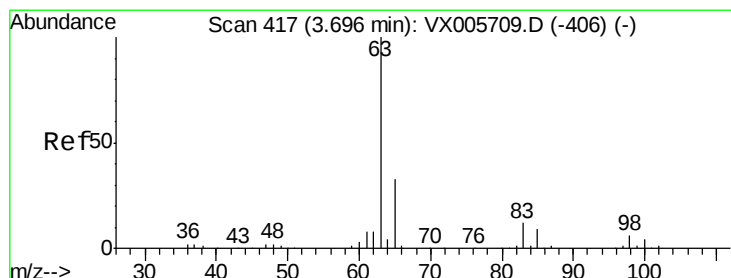
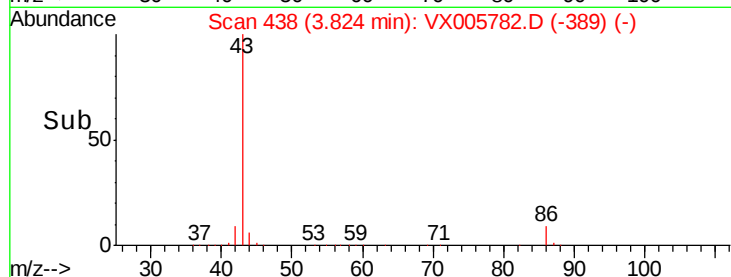
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.858 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

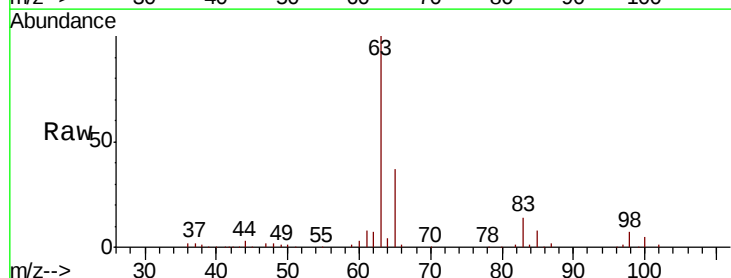
Tgt Ion: 63 Resp: 65753

Ion Ratio Lower Upper

63 100

98 7.2 3.2 9.6

100 4.8 2.1 6.2



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

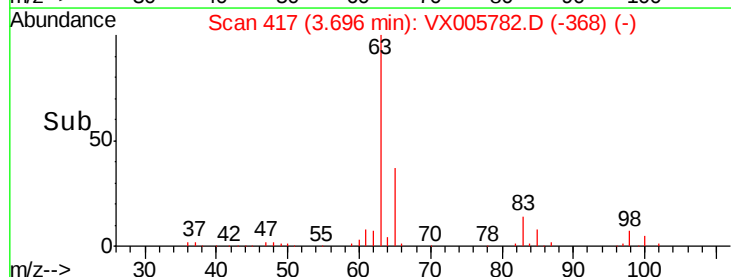
30000

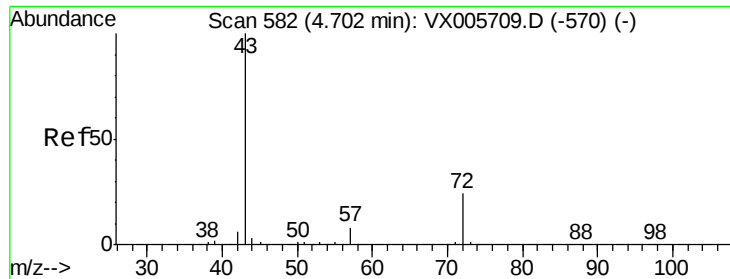
20000

10000

0

Time-->





#25

2-Butanone

Concen: 90.196 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

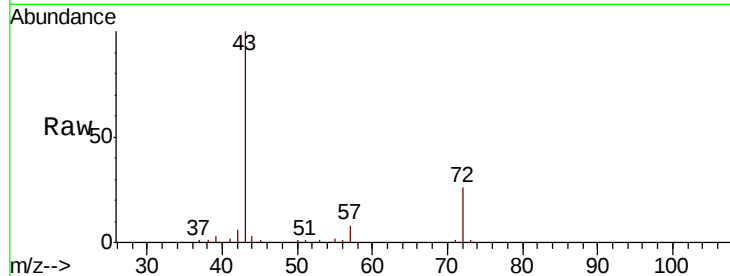
ClientSampled :

Tot Ion: 43 Resp: 166029

Ion Ratio Lower Upper

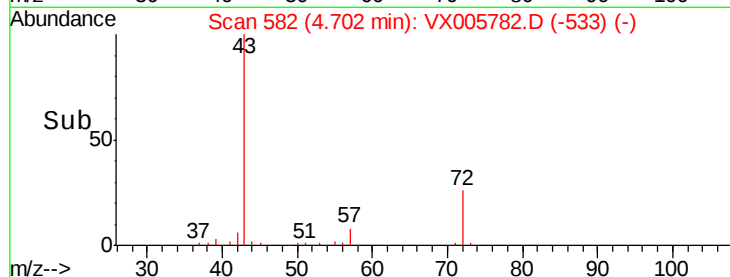
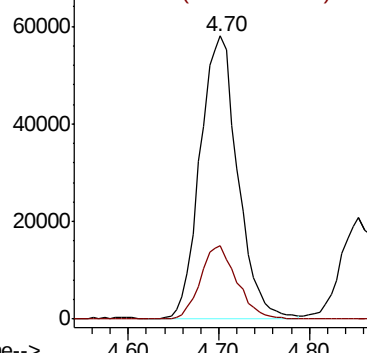
43 100

72 25.7 19.2 28.8

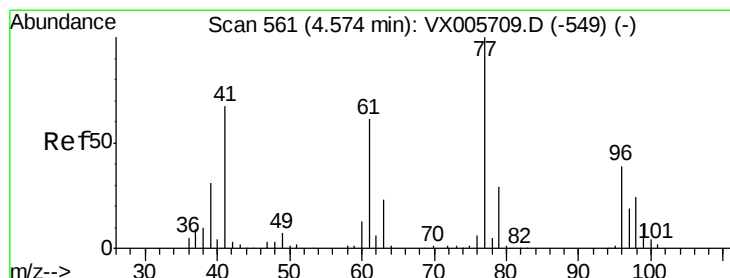


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 17.864 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005782.D

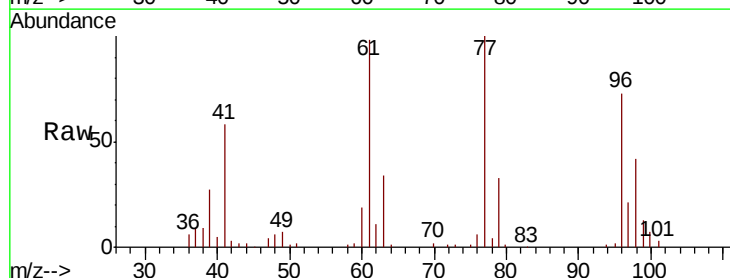
Acq: 05 Nov 2018 16:57

Tgt Ion: 77 Resp: 46560

Ion Ratio Lower Upper

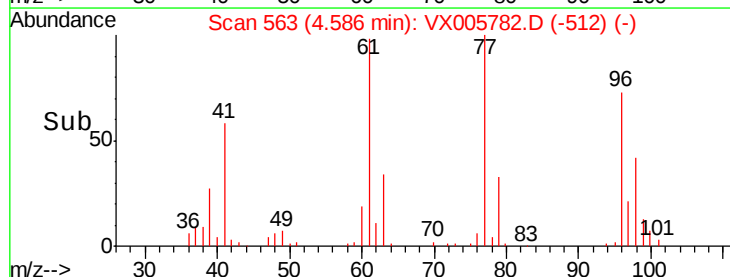
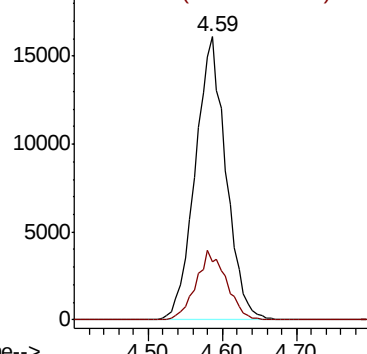
77 100

97 24.0 11.5 34.5

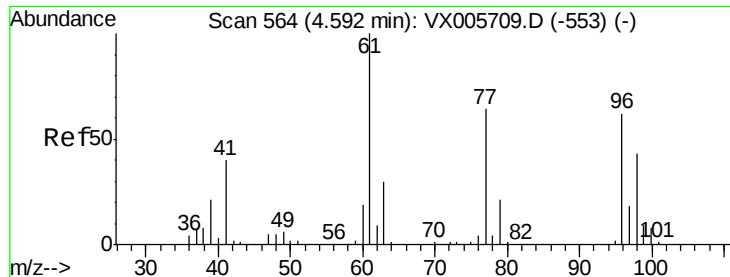


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

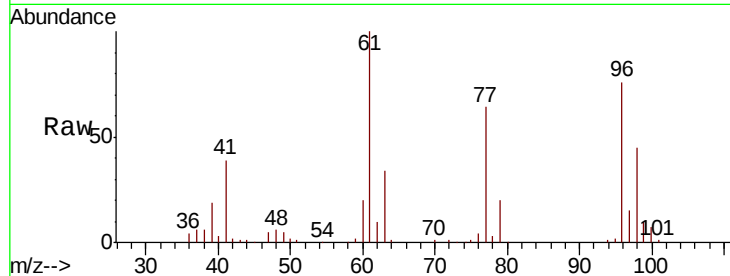


#27

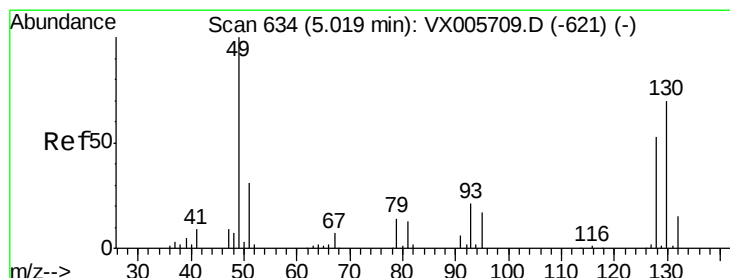
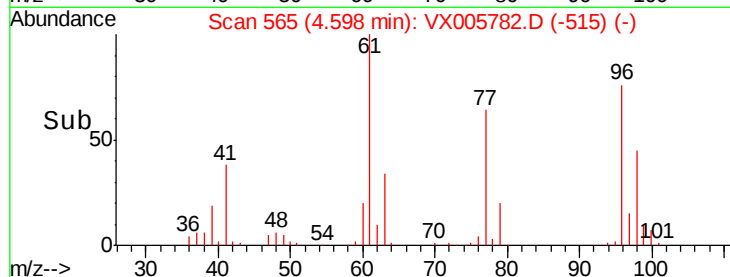
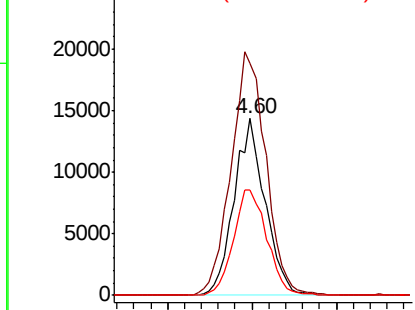
cis-1,2-Dichloroethene
 Concen: 18.758 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 35854
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 304.6
 98 63.9 0.0 127.4



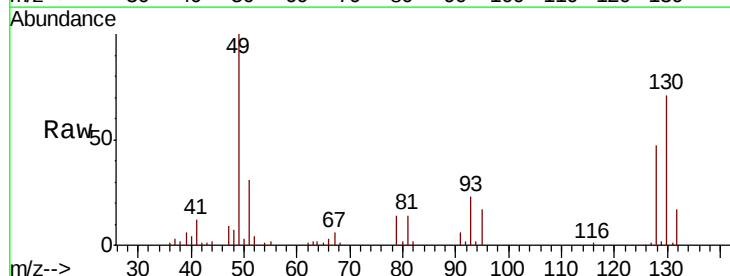
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



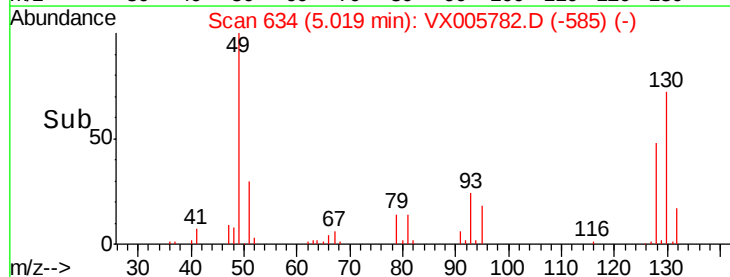
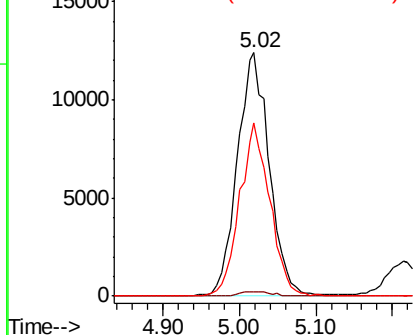
#28

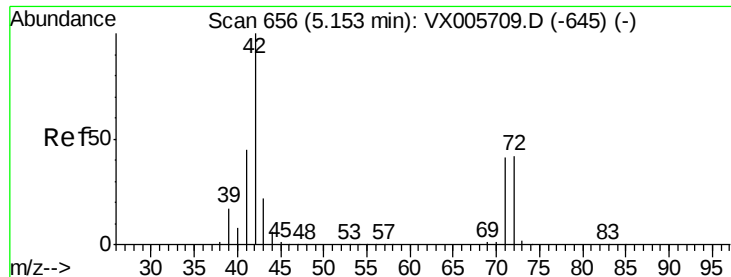
Bromochloromethane
 Concen: 21.169 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion: 49 Resp: 36010
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 66.8 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.614 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampled :

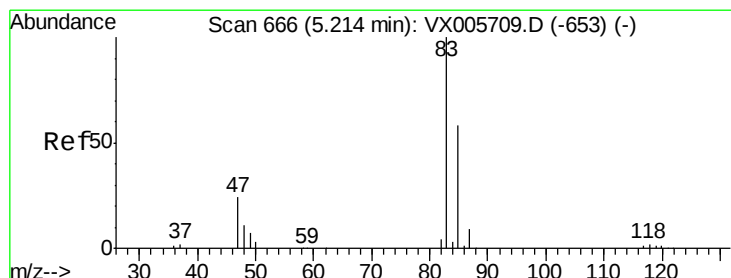
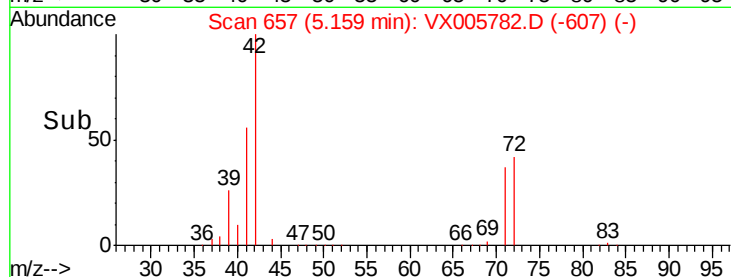
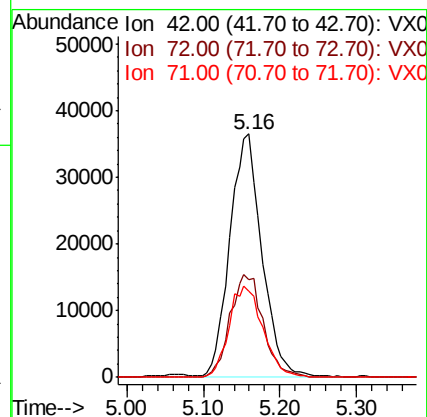
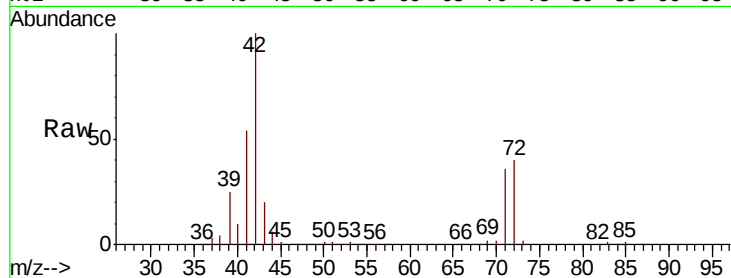
Tot Ion: 42 Resp: 105178

Ion Ratio Lower Upper

42 100

72 43.8 32.0 48.0

71 39.9 29.8 44.8



#30

Chloroform

Concen: 18.635 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005782.D

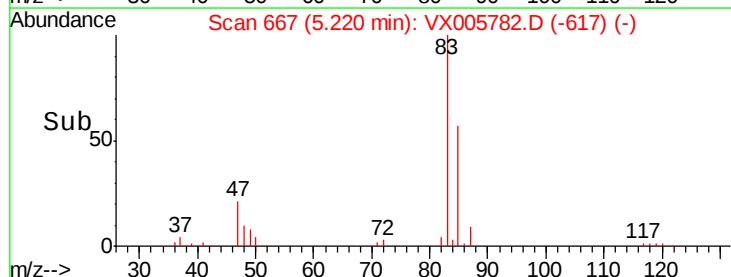
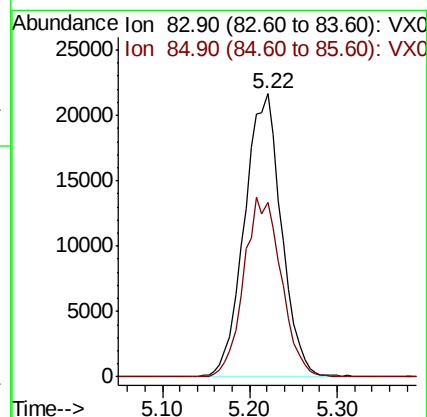
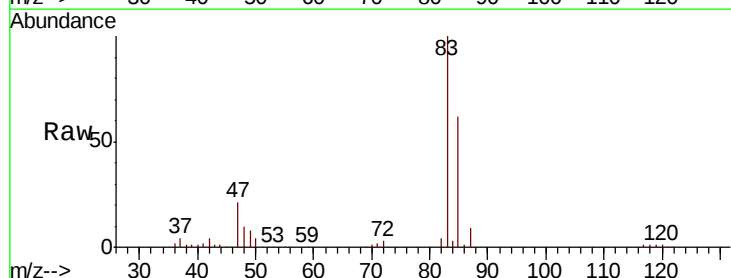
Acq: 05 Nov 2018 16:57

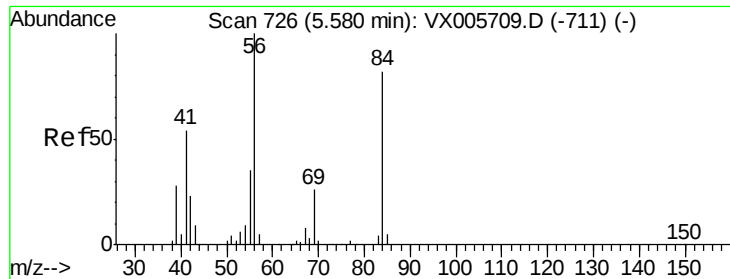
Tgt Ion: 83 Resp: 63525

Ion Ratio Lower Upper

83 100

85 61.6 50.6 76.0

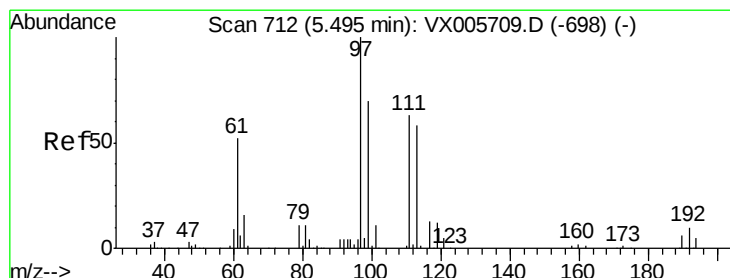
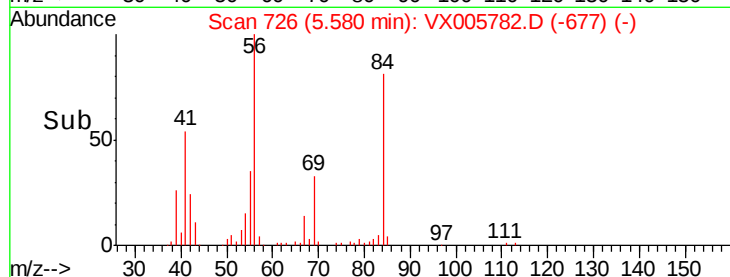
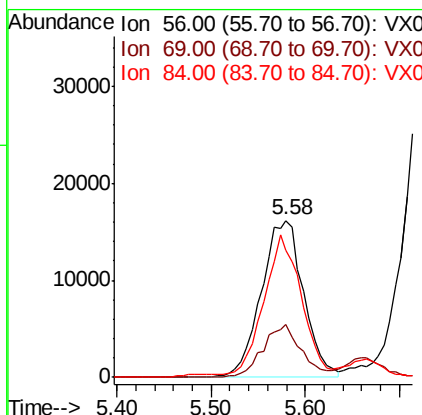
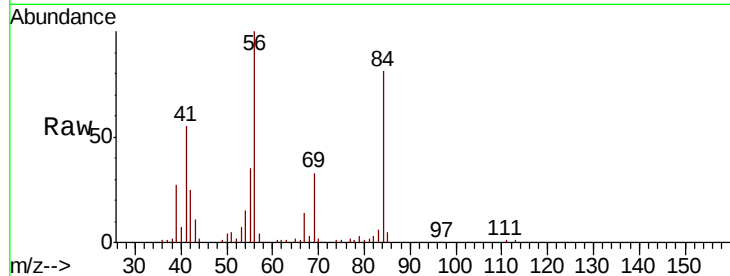




#31
Cyclohexane
Concen: 17.319 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

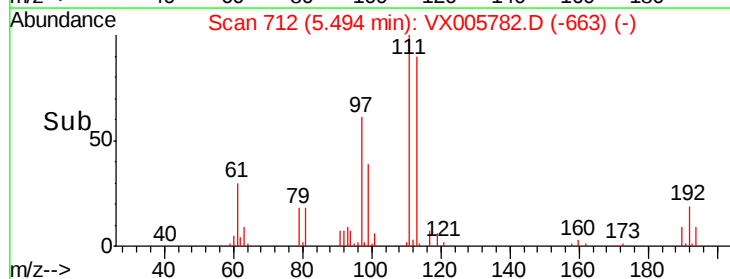
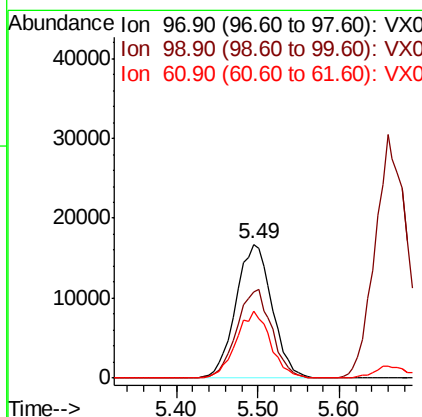
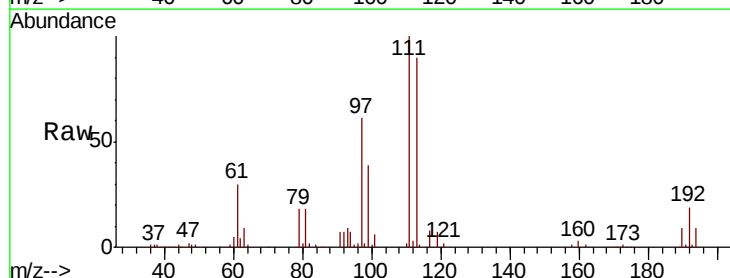
Instrument :
MSVOA_X
ClientSampleId :

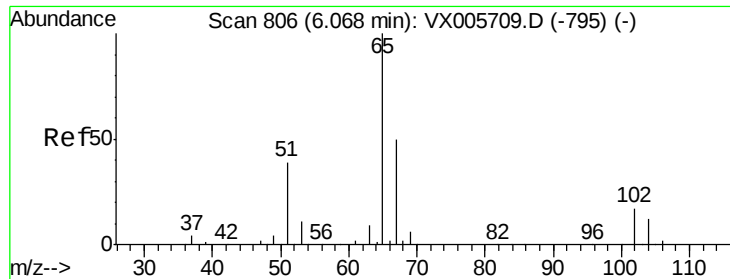
Tot Ion: 56 Resp: 50497
Ion Ratio Lower Upper
56 100
69 33.4 22.6 34.0
84 79.3 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 18.875 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 97 Resp: 51495
Ion Ratio Lower Upper
97 100
99 64.1 52.3 78.5
61 47.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.306 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

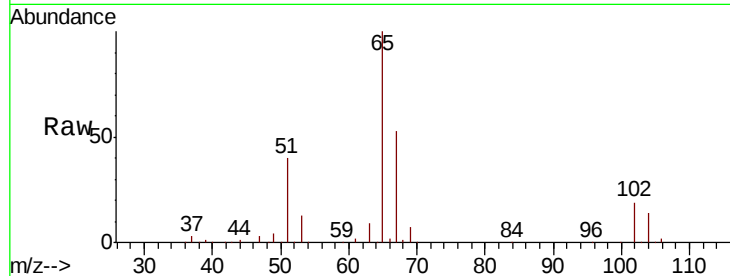
ClientSampleId :

Tot Ion: 65 Resp: 105410

Ion Ratio Lower Upper

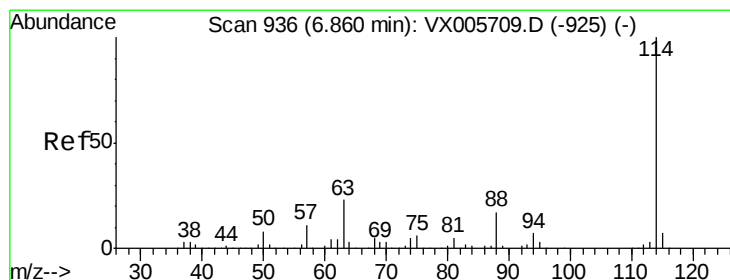
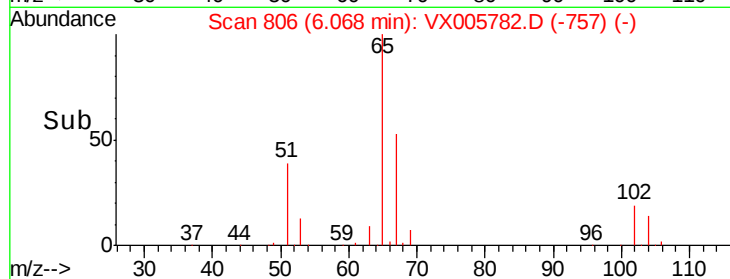
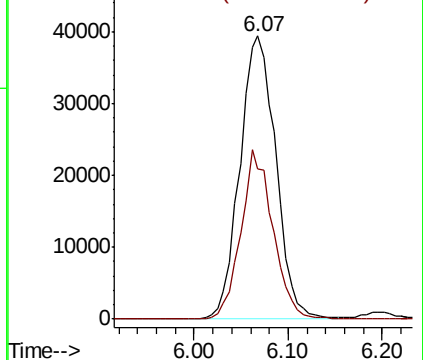
65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

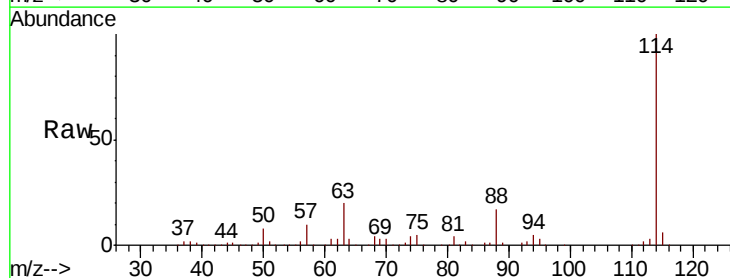
Tgt Ion:114 Resp: 237976

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

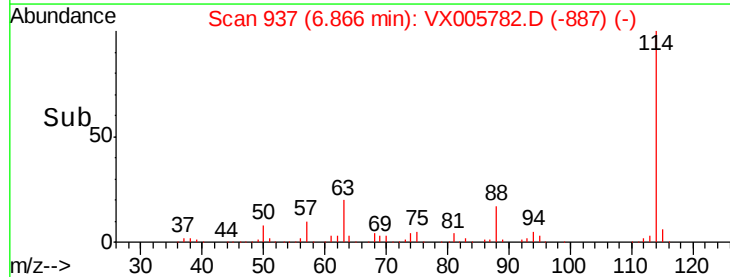
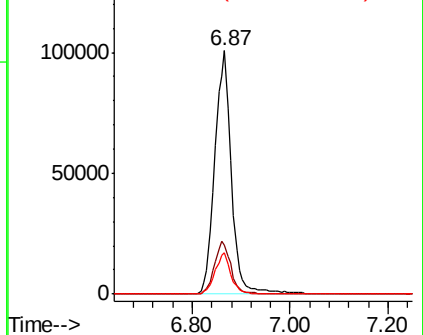
88 16.8 0.0 31.2

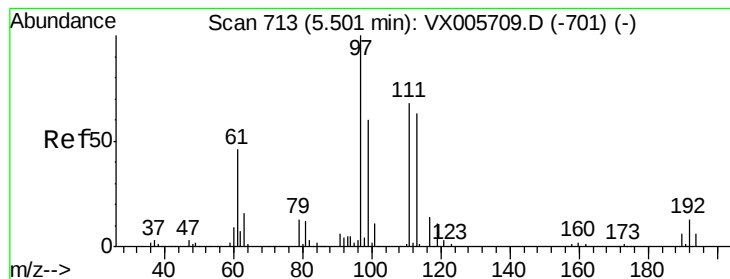


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.221 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

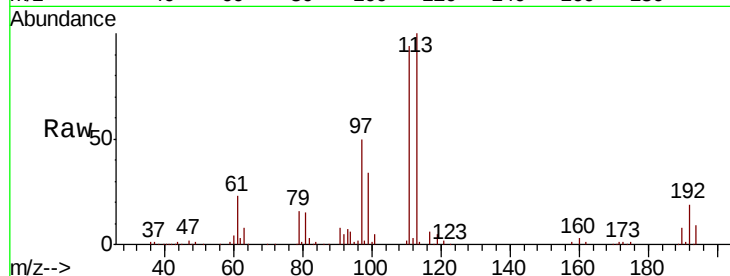
Tot Ion:113 Resp: 84400

Ion Ratio Lower Upper

113 100

111 99.3 82.3 123.5

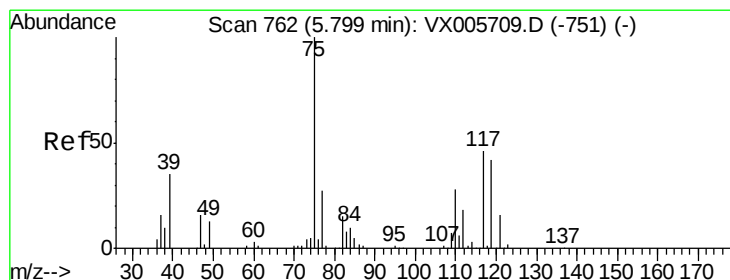
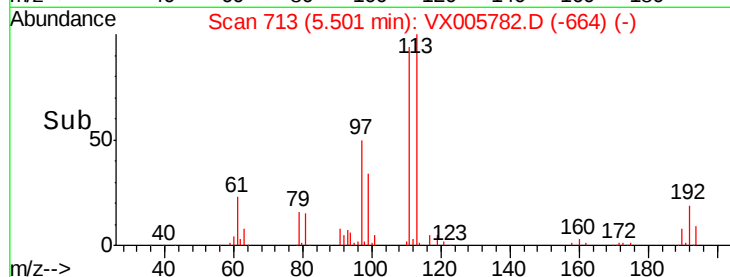
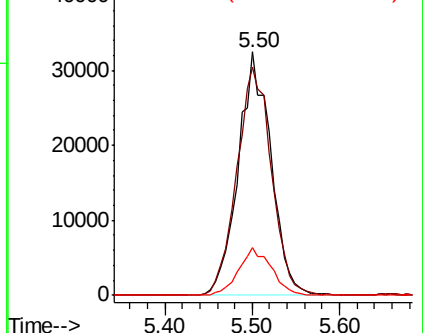
192 19.6 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.647 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

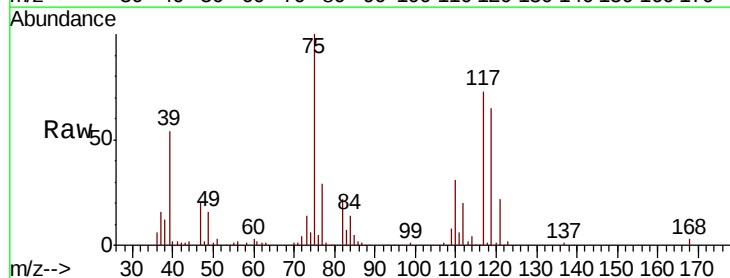
Tgt Ion: 75 Resp: 44743

Ion Ratio Lower Upper

75 100

110 33.9 17.4 52.2

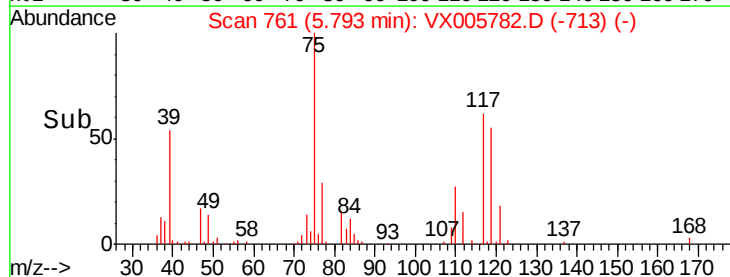
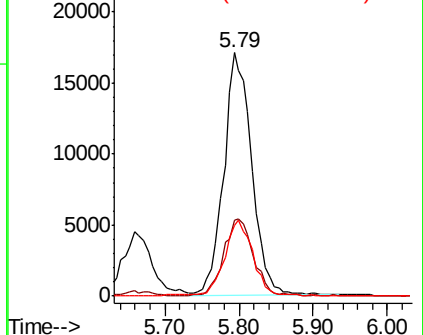
77 32.3 25.8 38.6

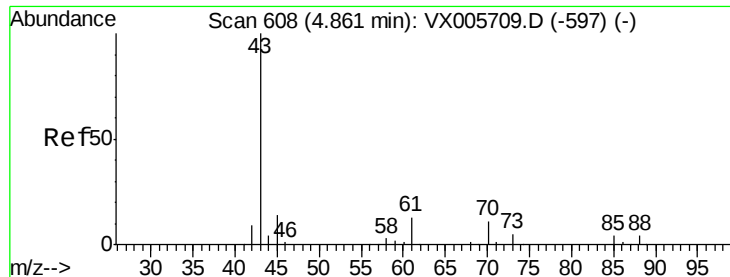


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.646 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

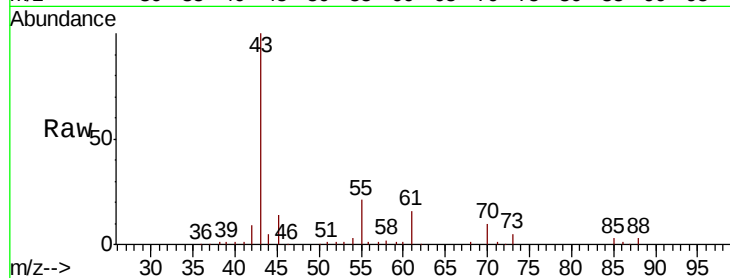
Tot Ion: 43 Resp: 60313

Ion Ratio Lower Upper

43 100

61 14.7 10.8 16.2

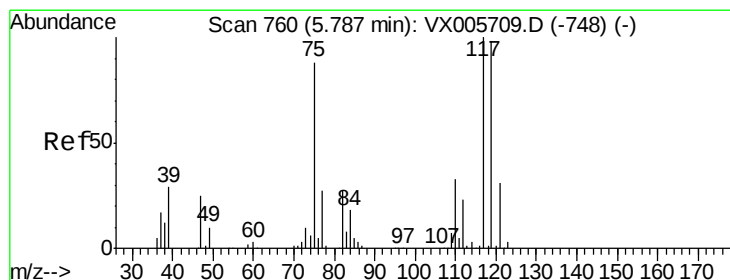
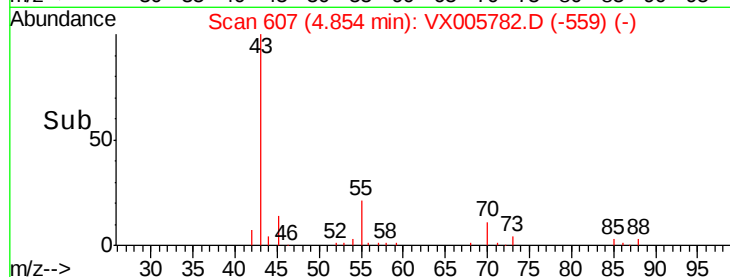
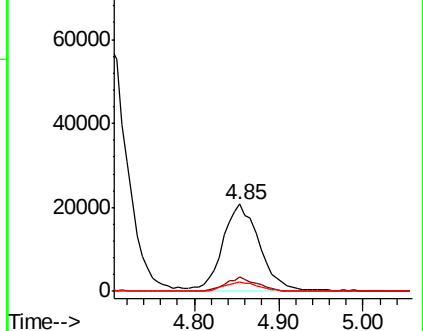
70 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005709.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005709.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 18.100 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

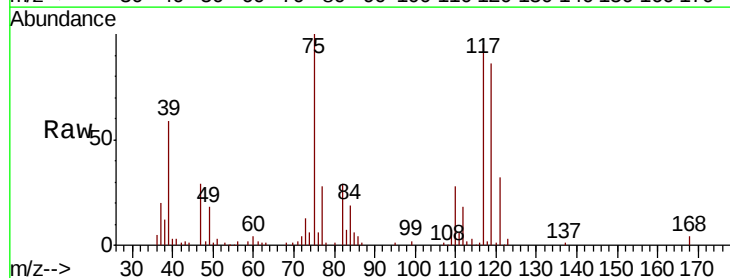
Tgt Ion: 117 Resp: 41462

Ion Ratio Lower Upper

117 100

119 90.4 78.1 117.1

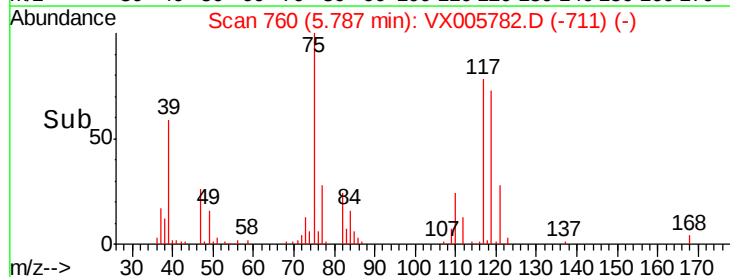
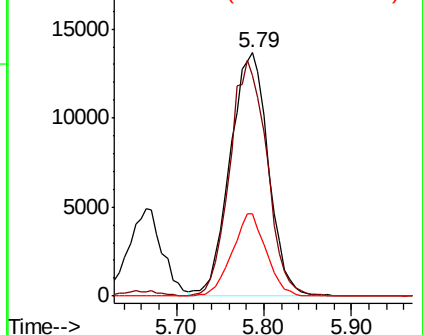
121 33.9 24.6 36.8

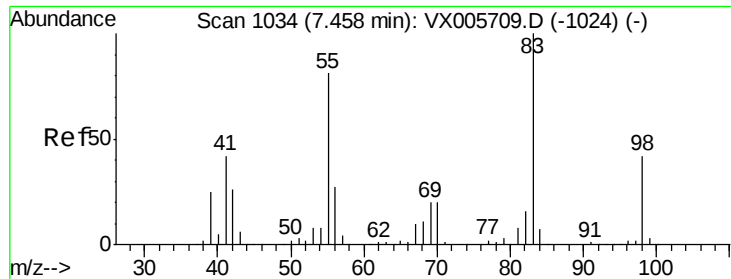


Abundance Ion 116.80 (116.50 to 117.50): VX005709.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005709.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005709.D (-748) (-)

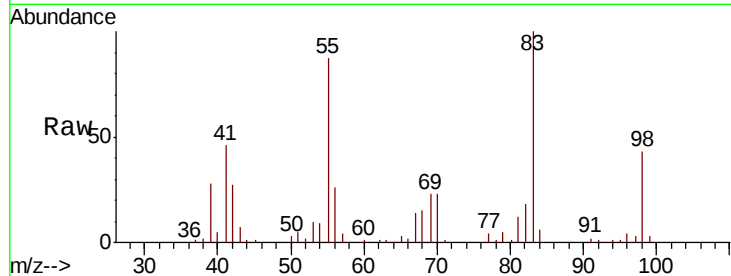




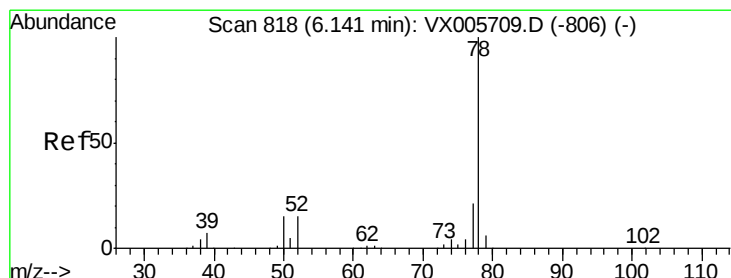
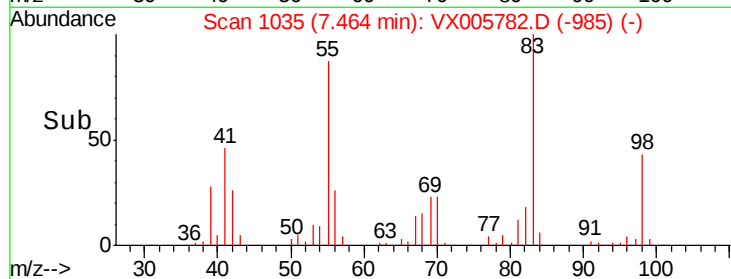
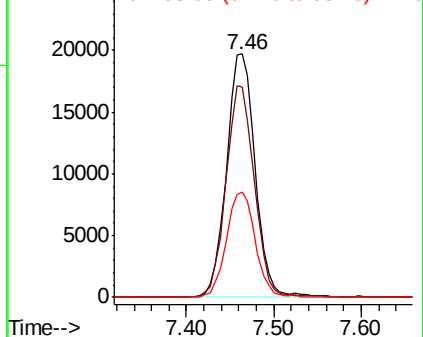
#39
Methvlcvclohexane
Concen: 17.012 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 44984
Ion Ratio Lower Upper
83 100
55 86.6 63.7 95.5
98 43.0 36.2 54.2

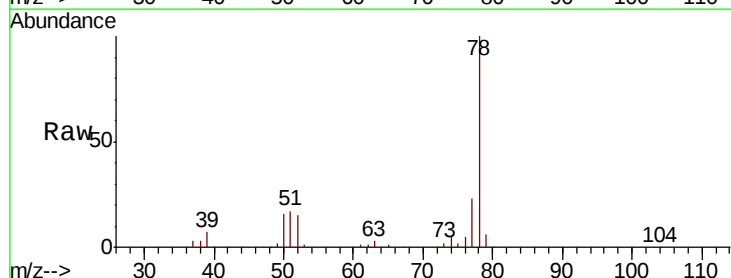


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

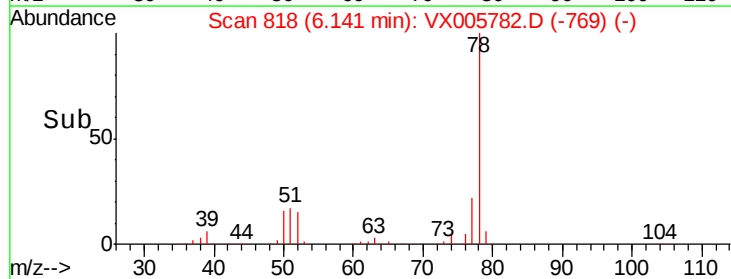
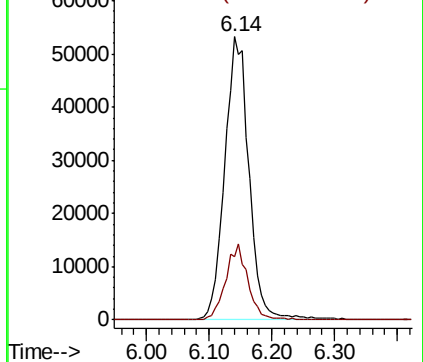


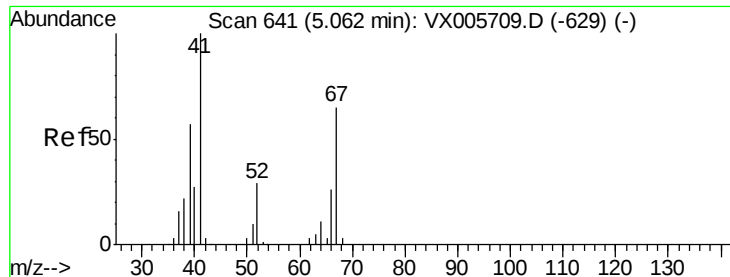
#40
Benzene
Concen: 18.923 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 78 Resp: 142735
Ion Ratio Lower Upper
78 100
77 22.5 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 17.935 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 31347

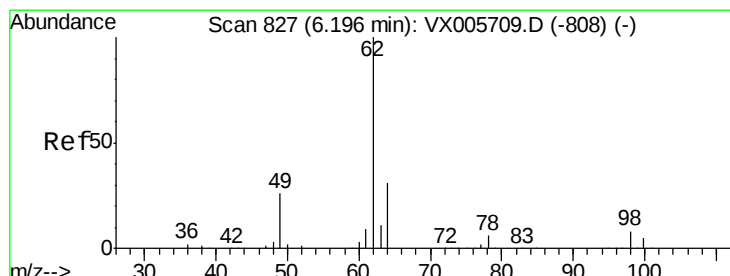
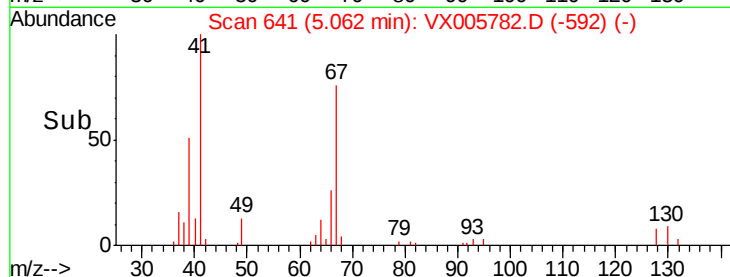
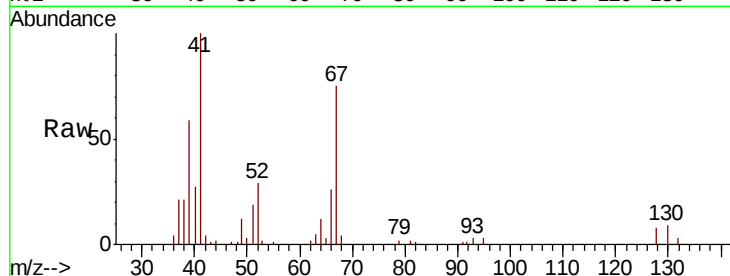
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.2	63.2
67	72.6	53.4	80.0
52	31.3	23.4	35.2

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: 18.451 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005782.D

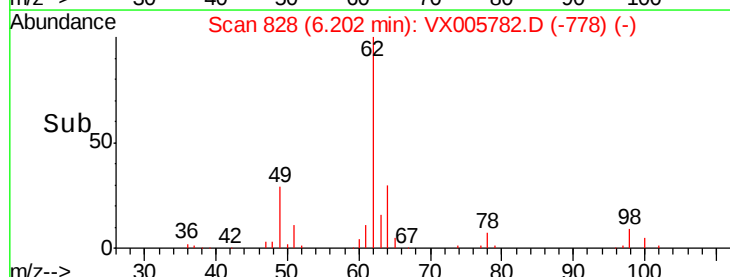
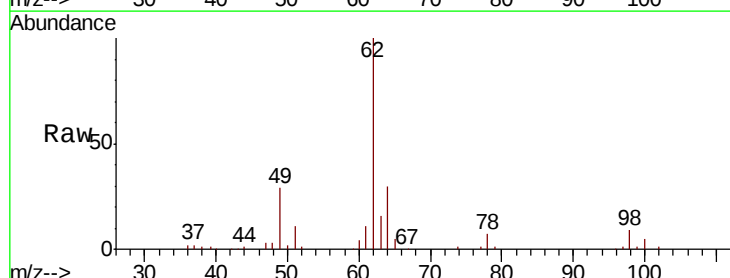
Acq: 05 Nov 2018 16:57

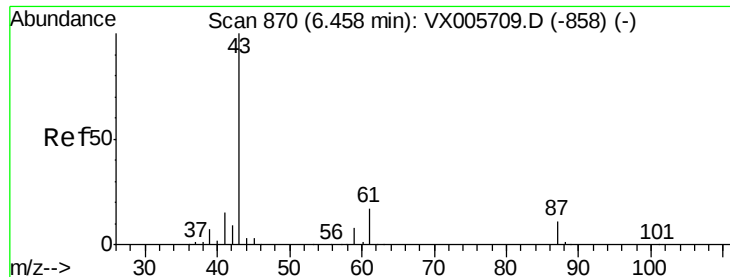
Tgt Ion: 62 Resp: 51443

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



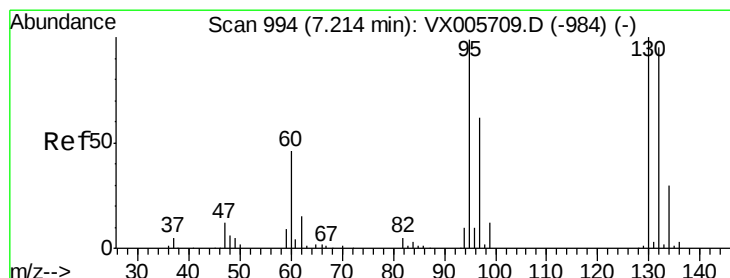
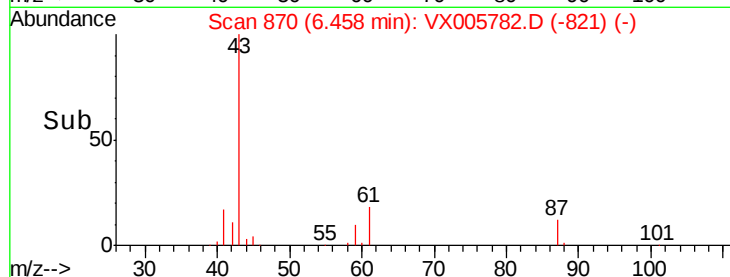
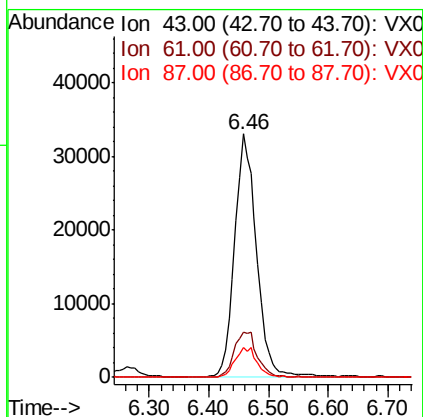
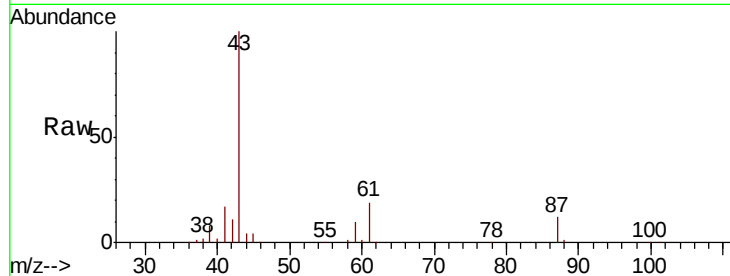


#43

Isopropyl Acetate
 Concen: 18.140 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :

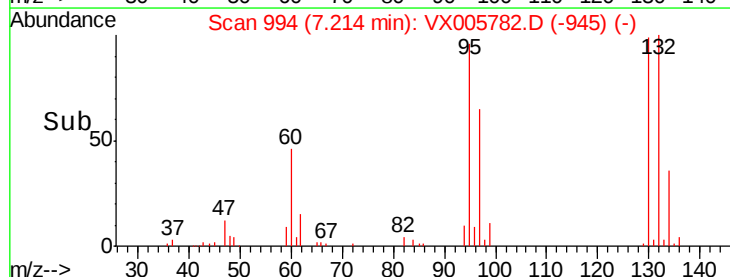
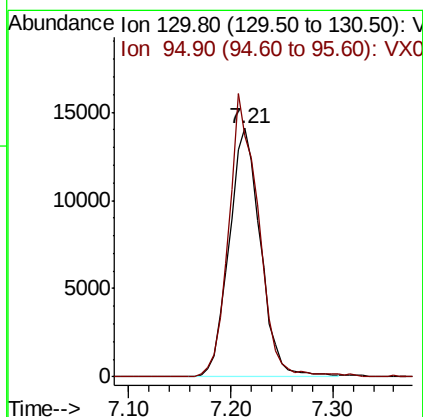
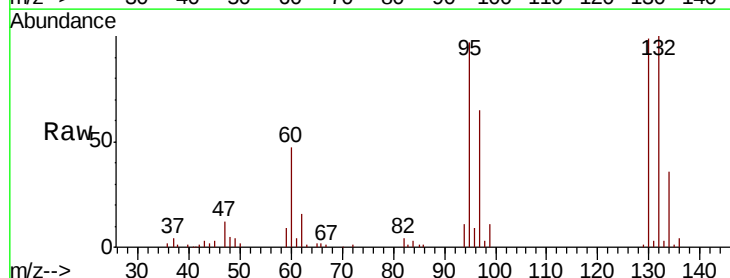
Tot Ion	43	Resp	85166
Ion Ratio	Lower	Upper	
43	100		
61	19.5	14.6	22.0
87	12.2	9.6	14.4

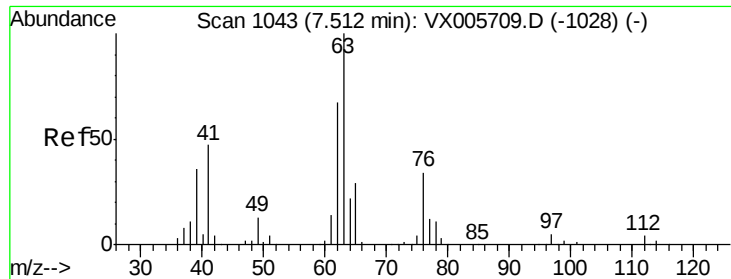


#44

Trichloroethene
 Concen: 17.230 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion	130	Resp	30058
Ion Ratio	Lower	Upper	
130	100		
95	97.3	0.0	194.2





#45

1,2-Dichloropropane

Concen: 18.663 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

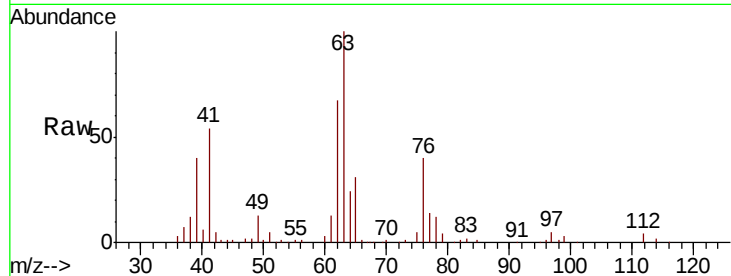
ClientSampleId :

Tot Ion: 63 Resp: 36075

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

15000

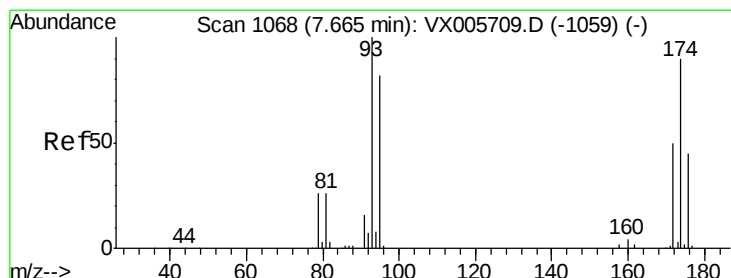
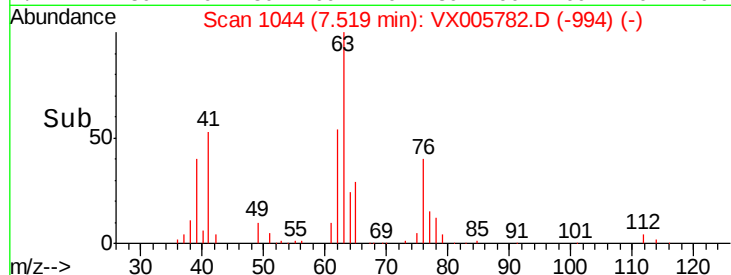
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 17.700 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

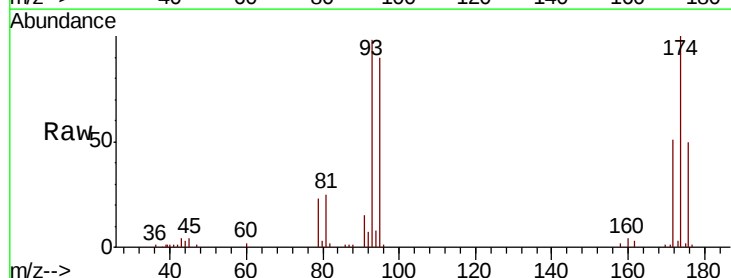
Tgt Ion: 93 Resp: 21865

Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.0

174 96.8 91.5 137.3



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

15000

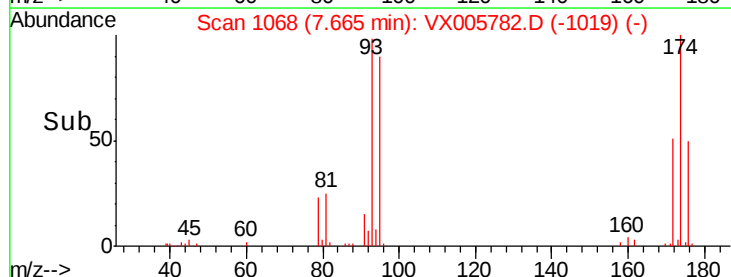
10000

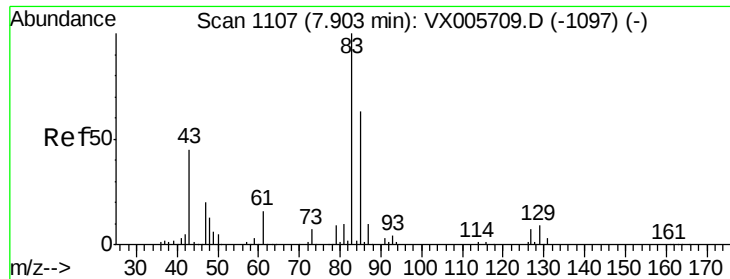
5000

0

Time-->

7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 17.905 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

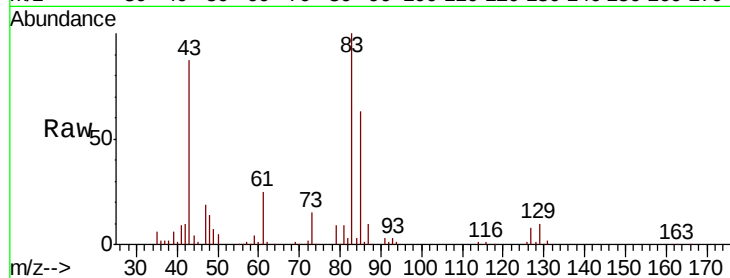
Tot Ion: 83 Resp: 41489

Ion Ratio Lower Upper

83 100

85 63.3 50.2 75.4

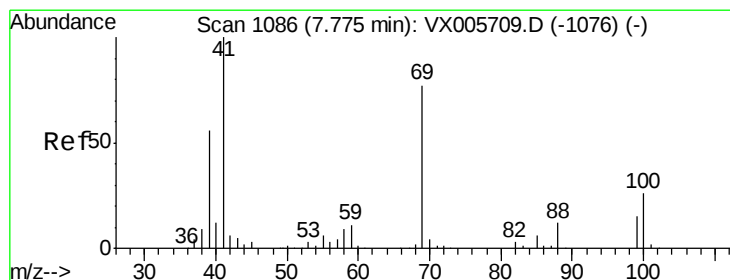
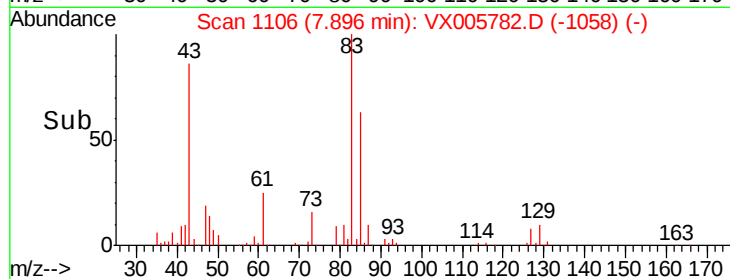
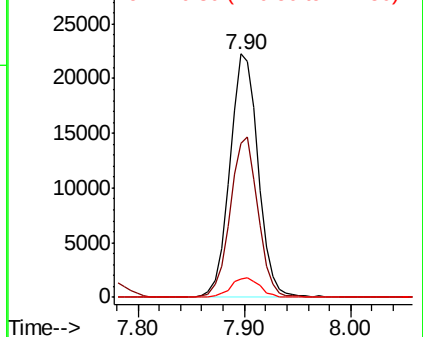
127 7.7 6.9 10.3



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: 17.880 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

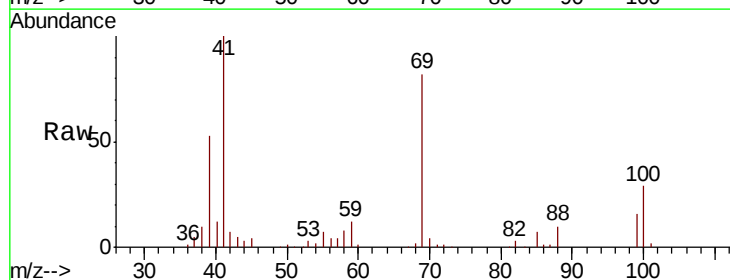
Tgt Ion: 41 Resp: 40628

Ion Ratio Lower Upper

41 100

69 82.9 63.2 94.8

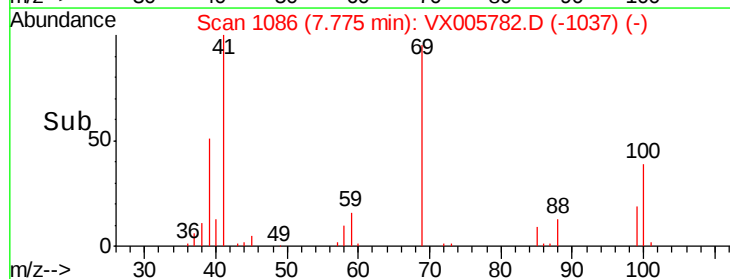
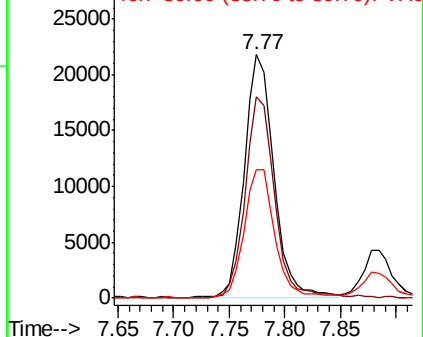
39 54.0 42.2 63.2

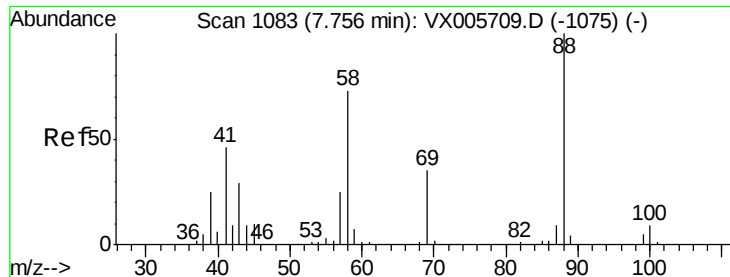


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

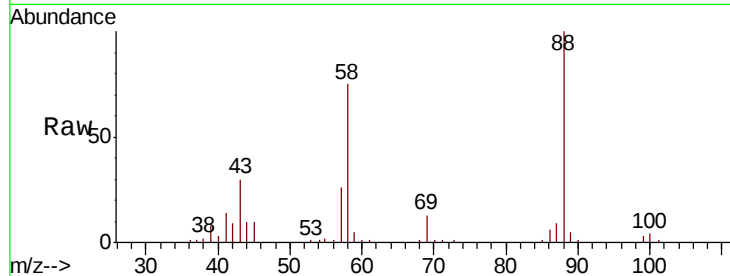




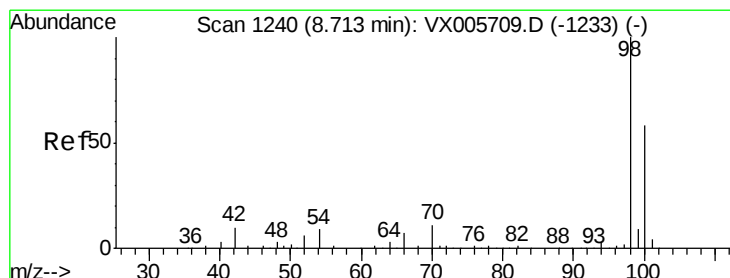
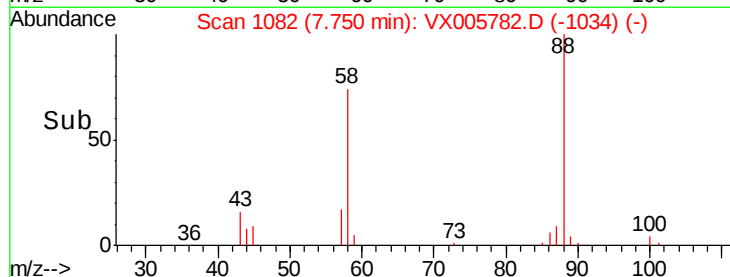
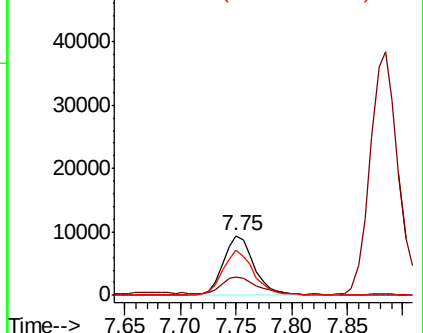
#49
1,4-Dioxane
Concen: 351.864 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 17804
Ion Ratio Lower Upper
88 100
43 33.6 27.4 41.0
58 76.4 59.4 89.2

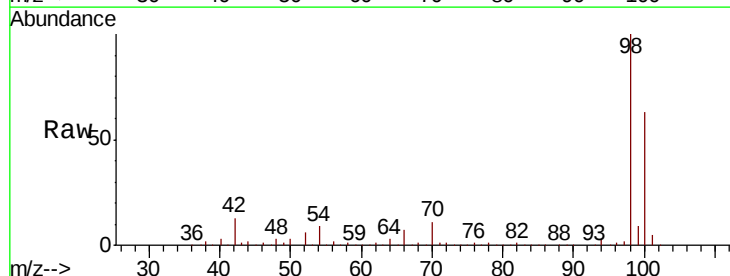


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

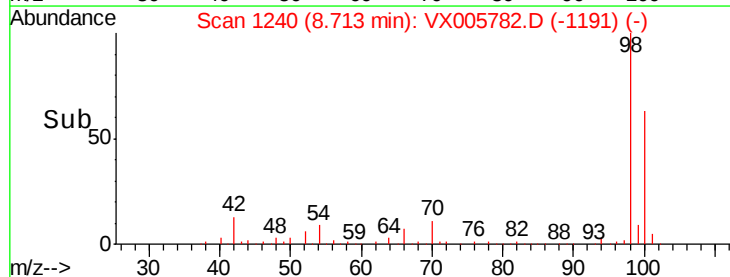
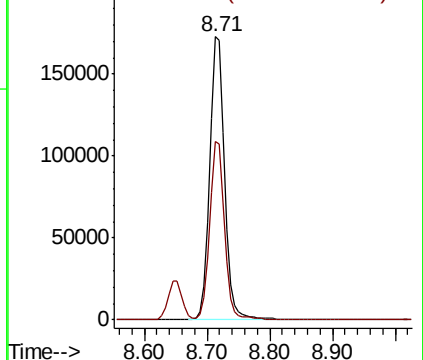


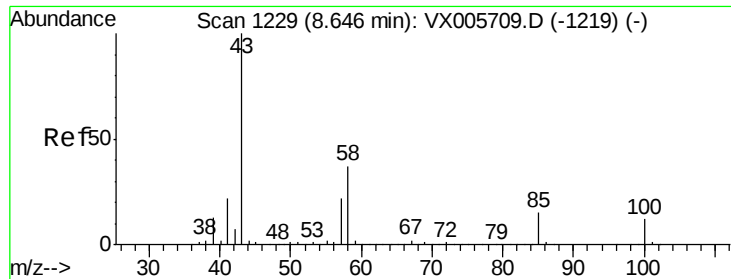
#50
Toluene-d8
Concen: 49.192 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 98 Resp: 284295
Ion Ratio Lower Upper
98 100
100 62.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 91.166 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

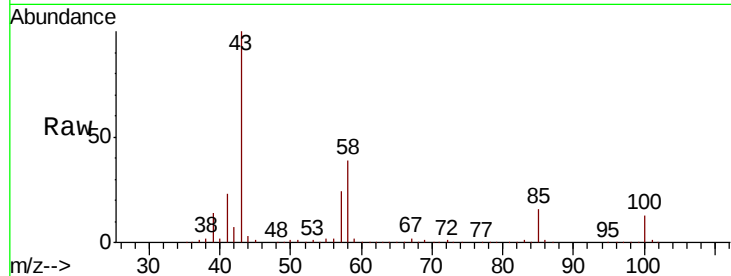
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 291849

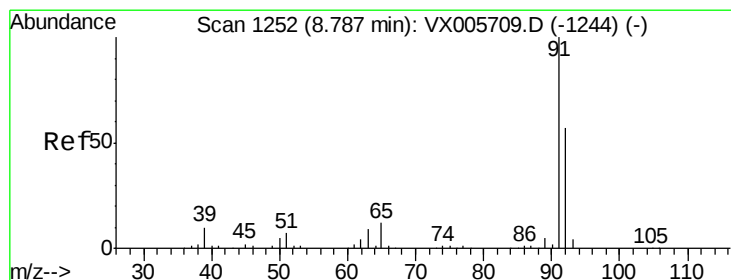
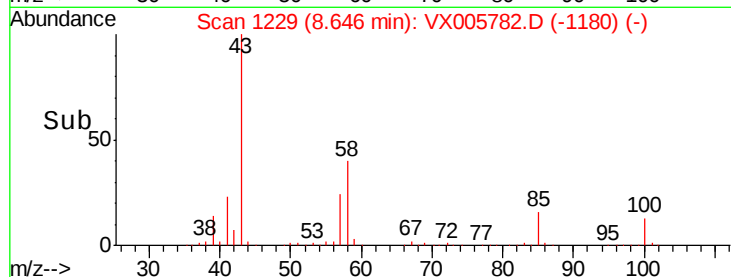
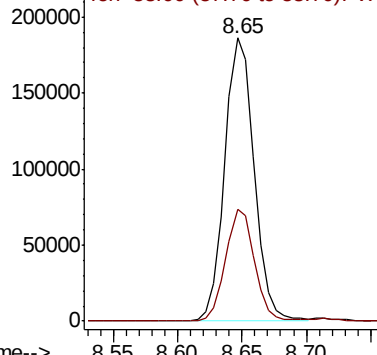
Ion Ratio Lower Upper

43 100

58 38.8 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.280 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005782.D

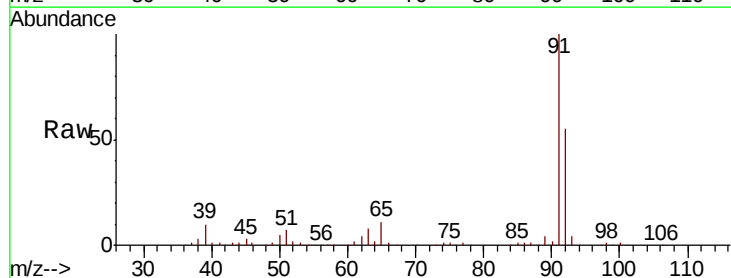
Acq: 05 Nov 2018 16:57

Tgt Ion: 92 Resp: 74581

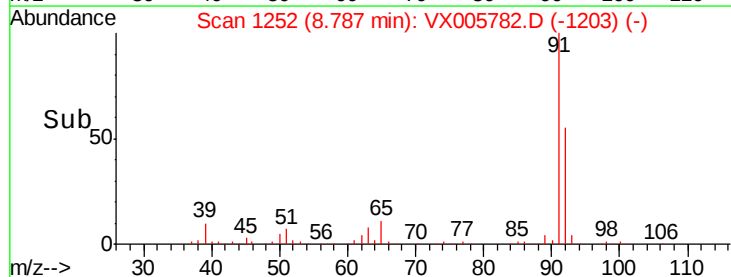
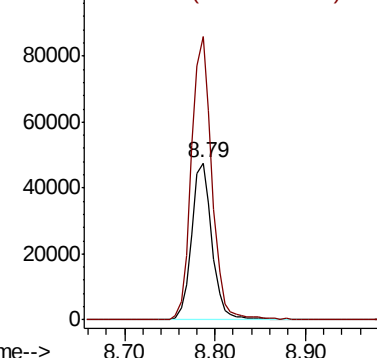
Ion Ratio Lower Upper

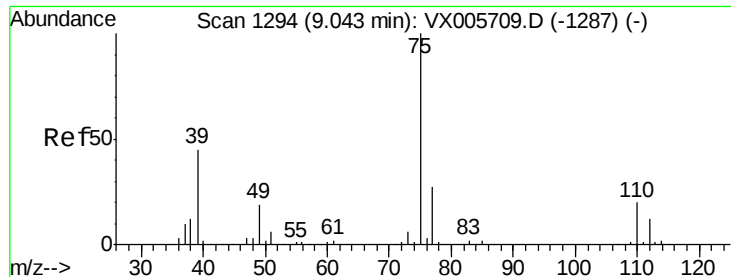
92 100

91 181.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

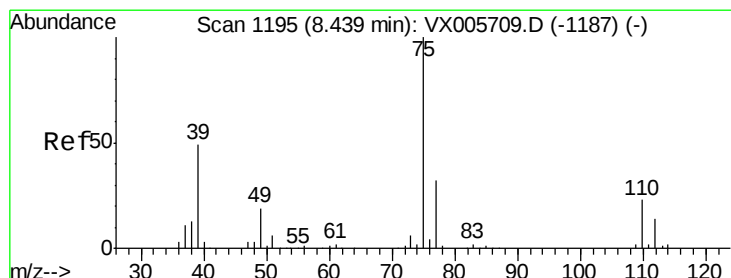
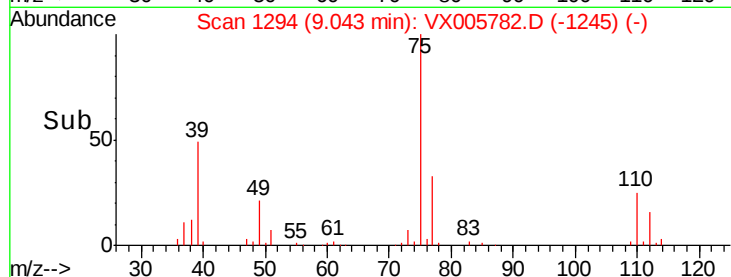
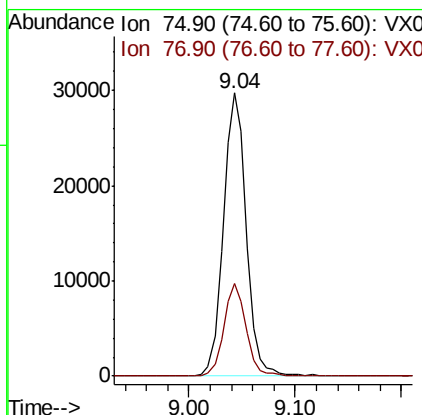
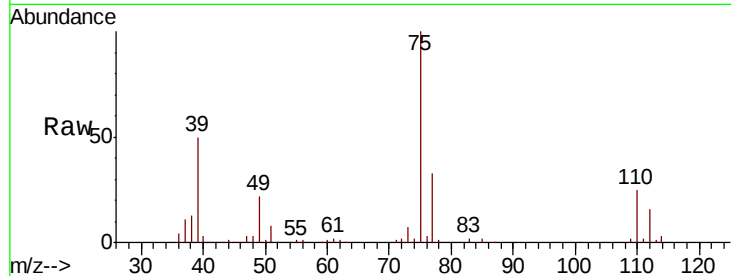




#53
t-1,3-Dichloropropene
Concen: 17.698 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

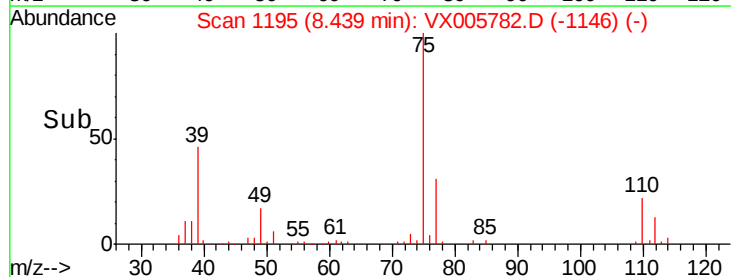
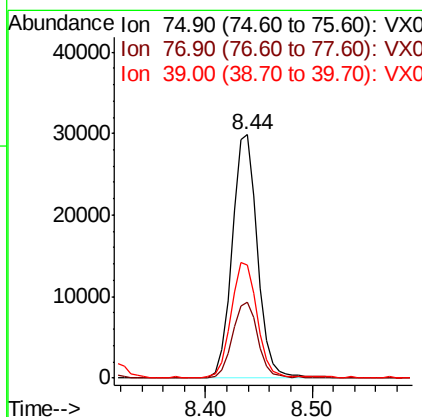
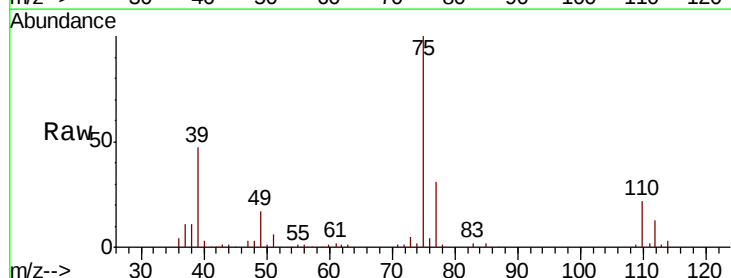
Instrument :
MSVOA_X
ClientSampleId :

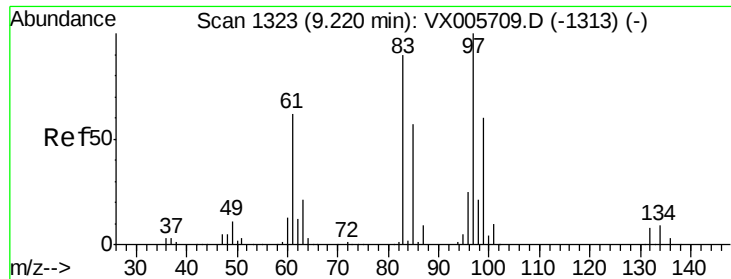
Tot Ion: 75 Resp: 44444
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.543 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 75 Resp: 49888
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 46.3 38.2 57.2

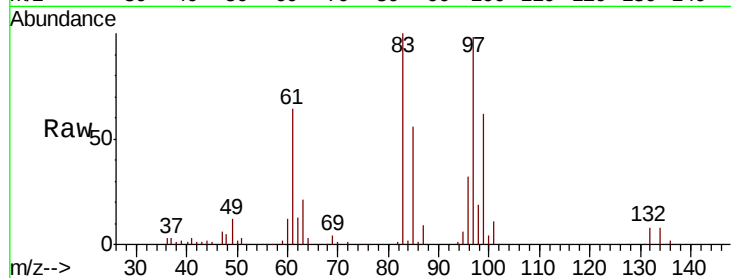




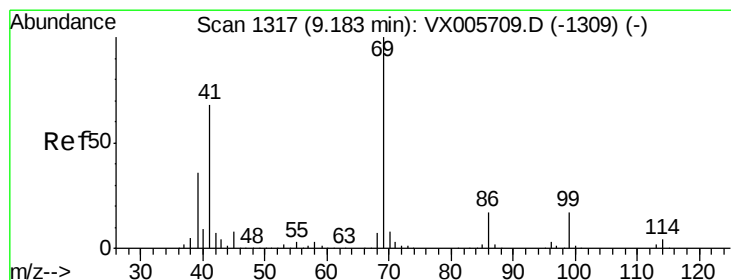
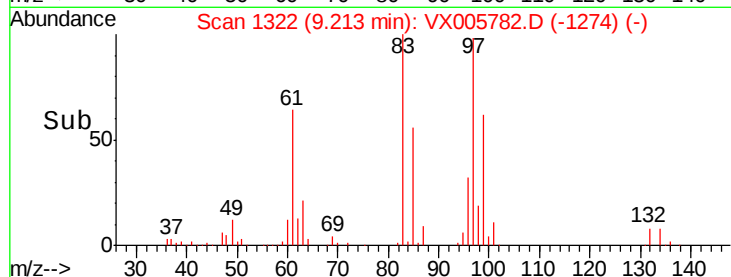
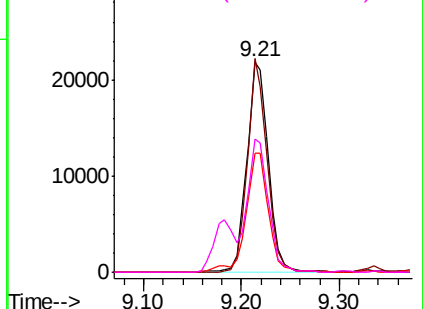
#55
 1,1,2-Trichloroethane
 Concen: 18.796 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 33304
 Ion Ratio Lower Upper
 97 100
 83 101.6 70.7 106.1
 85 56.5 45.8 68.6
 99 63.4 51.8 77.8

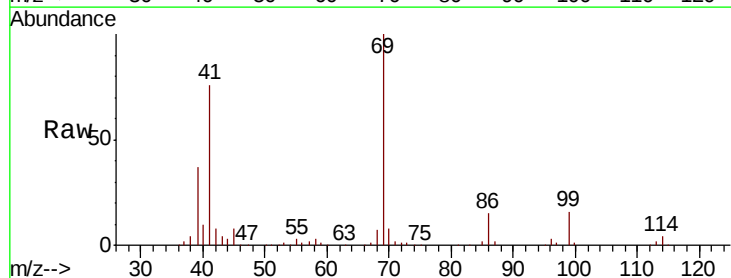


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

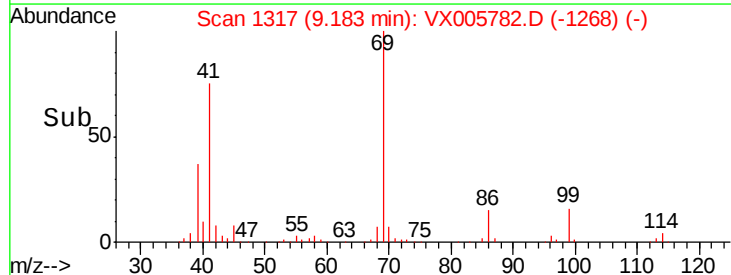
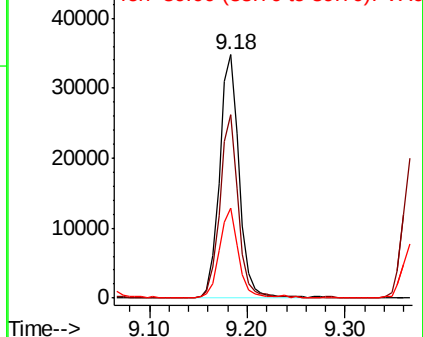


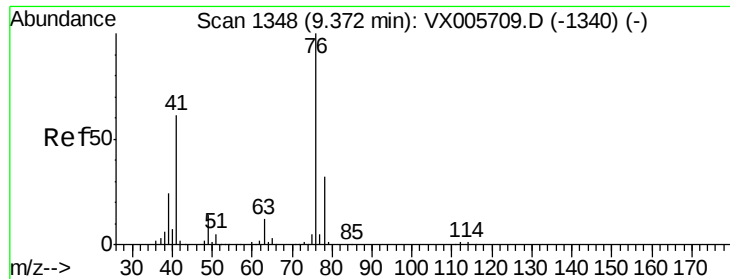
#56
 Ethyl methacrylate
 Concen: 17.667 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion: 69 Resp: 48081
 Ion Ratio Lower Upper
 69 100
 41 71.6 57.0 85.6
 39 35.7 28.3 42.5



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: 18.448 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

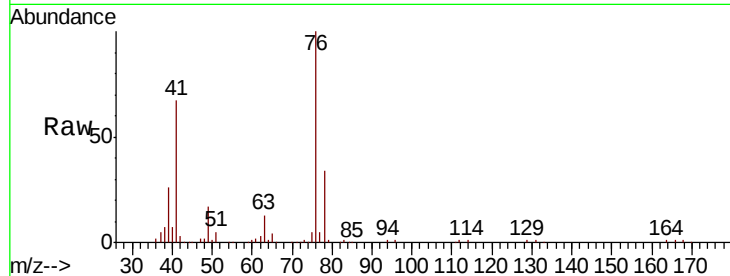
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 56149

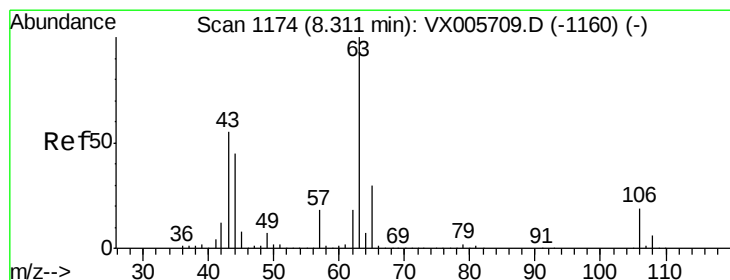
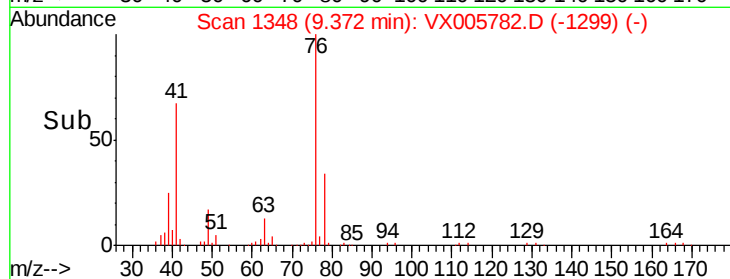
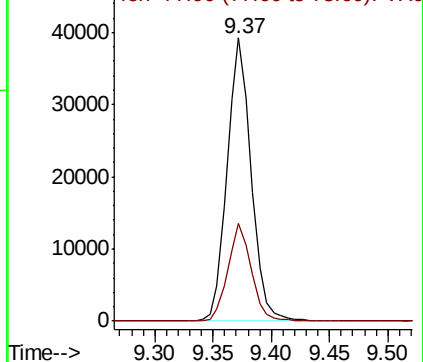
Ion Ratio Lower Upper

76 100

78 33.8 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.130 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005782.D

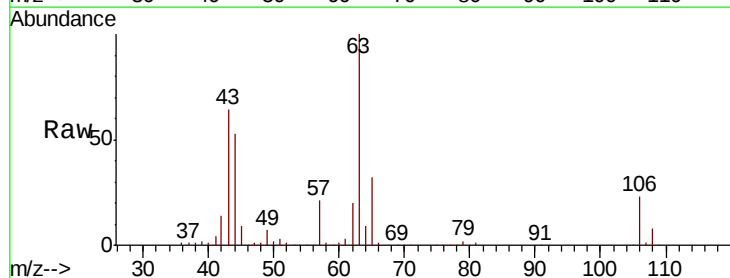
Acq: 05 Nov 2018 16:57

Tgt Ion: 63 Resp: 154658

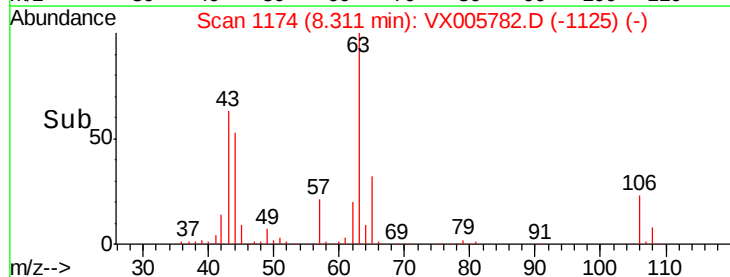
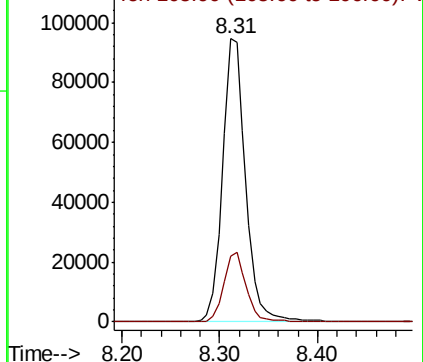
Ion Ratio Lower Upper

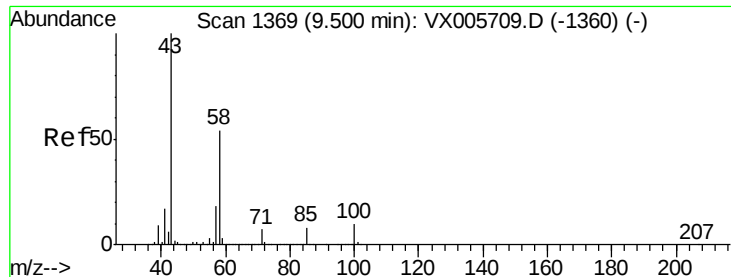
63 100

106 24.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

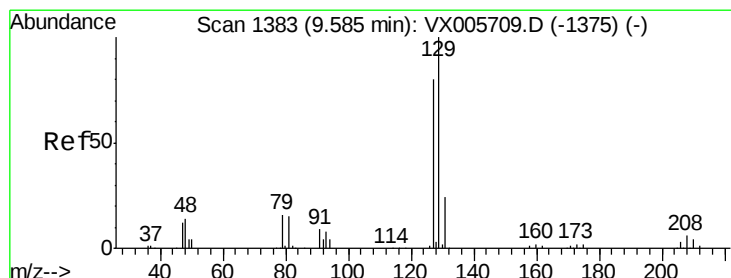
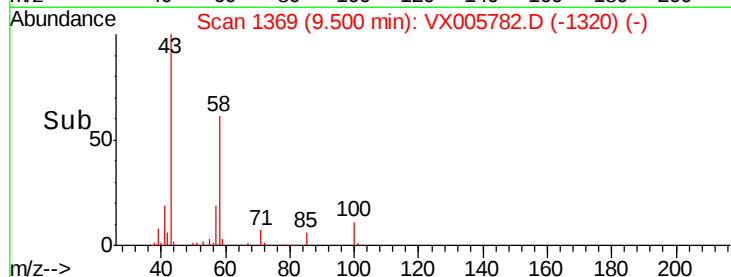
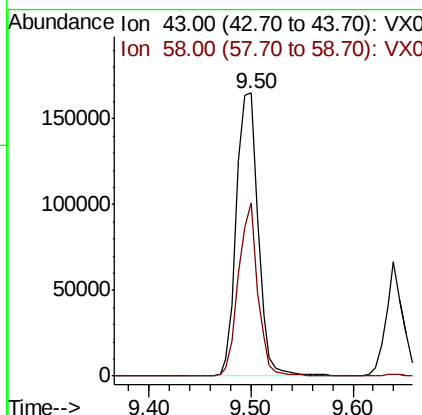
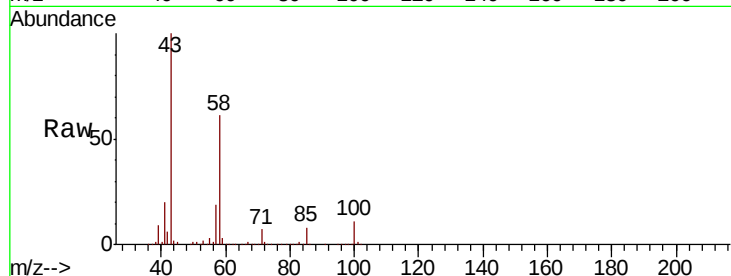




#59
2-Hexanone
Concen: 92.940 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

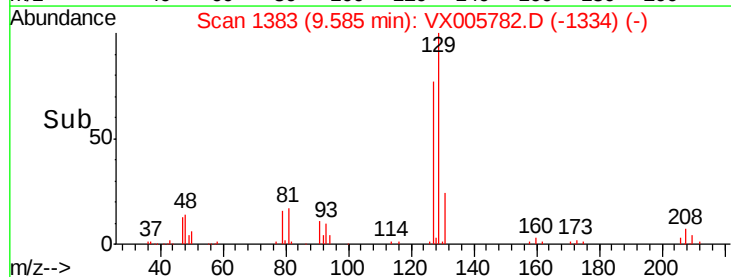
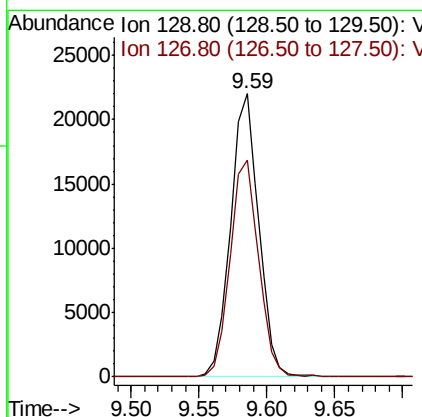
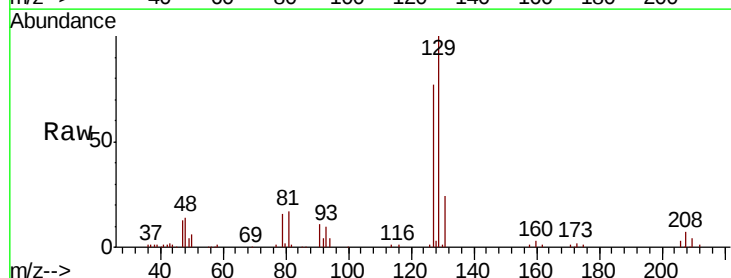
Instrument :
MSVOA_X
ClientSampleId :

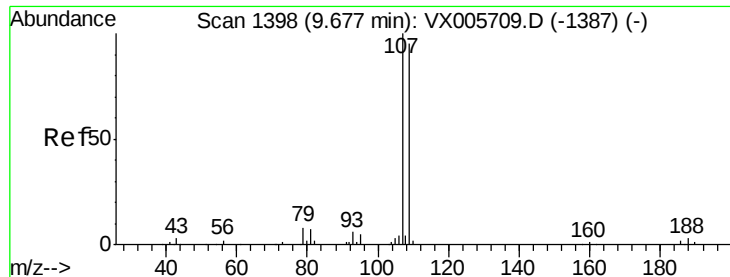
Tot Ion: 43 Resp: 242129
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8



#60
Dibromochloromethane
Concen: 18.518 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 129 Resp: 31705
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.264 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

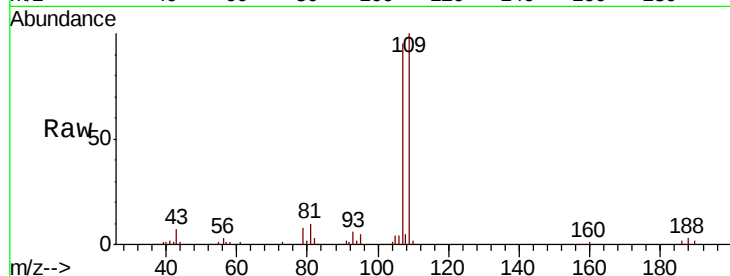
ClientSampled :

Tot Ion:107 Resp: 34780

Ion Ratio Lower Upper

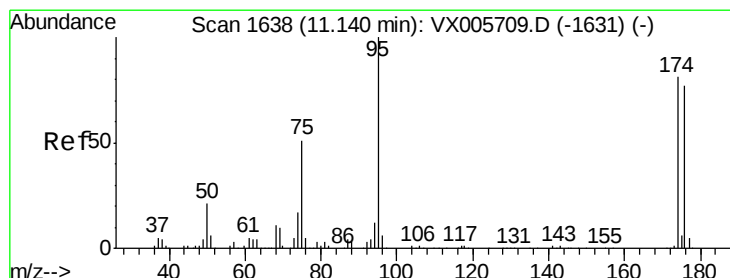
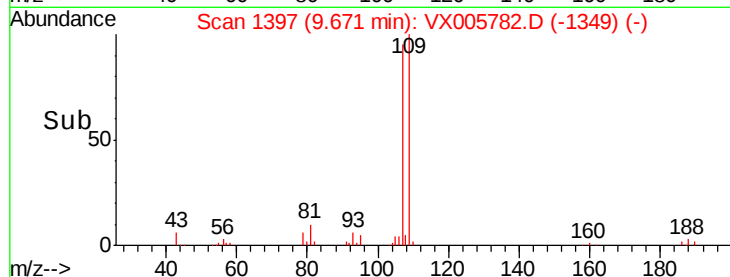
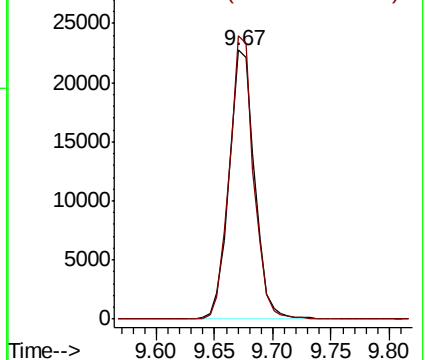
107 100

109 100.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.444 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

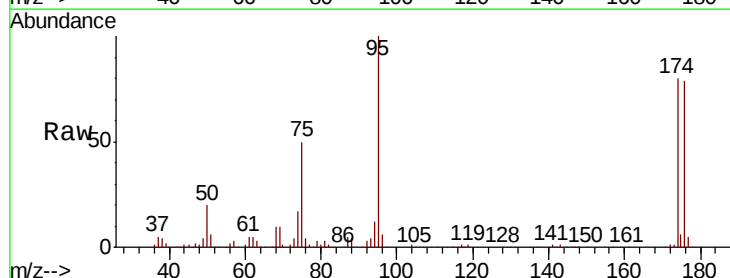
Tgt Ion: 95 Resp: 103328

Ion Ratio Lower Upper

95 100

174 78.3 0.0 184.4

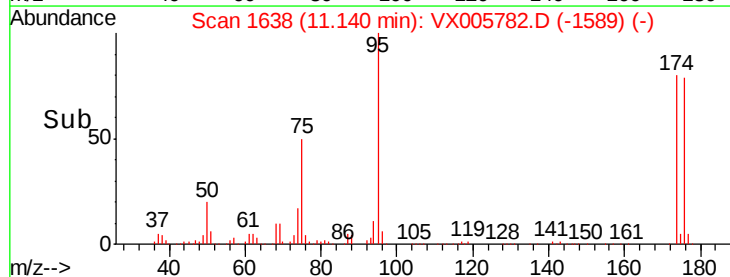
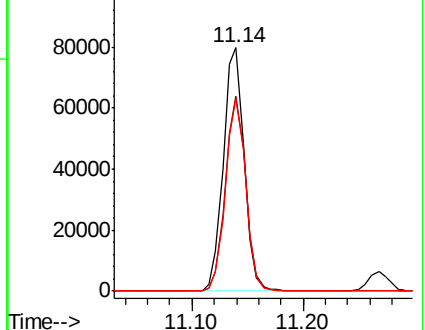
176 76.8 0.0 177.4

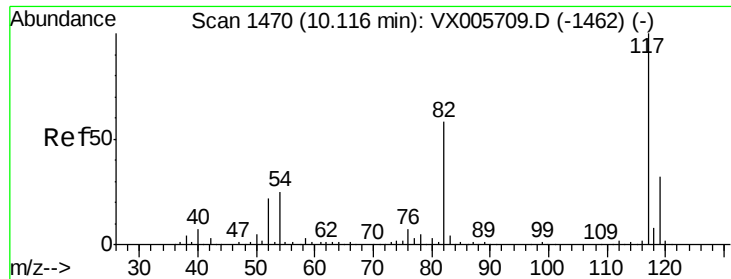


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

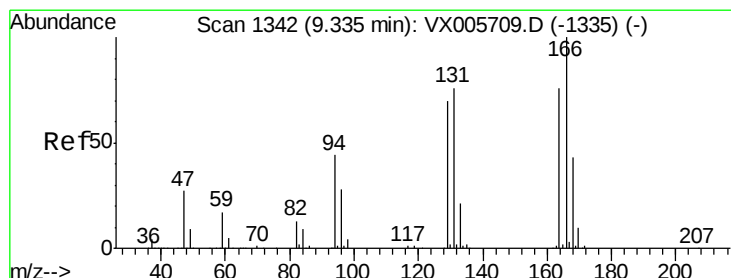
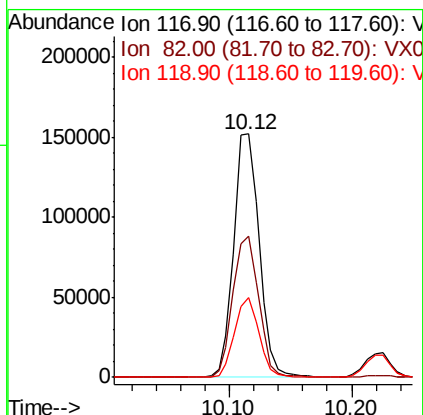
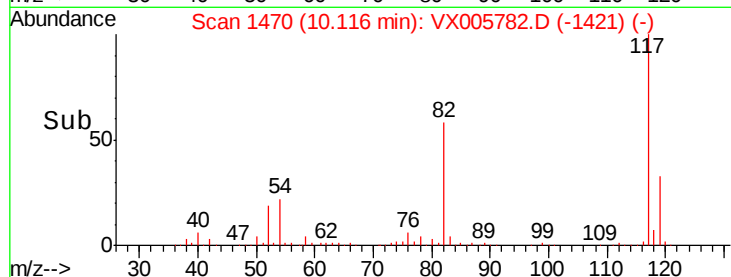
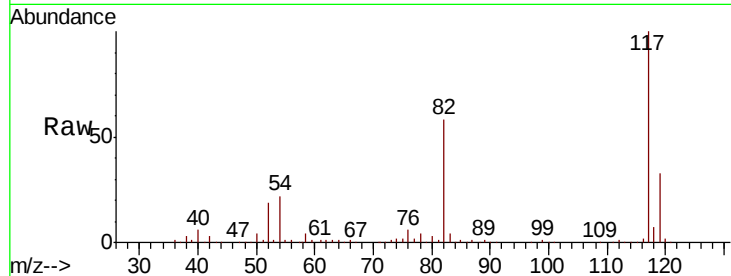




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

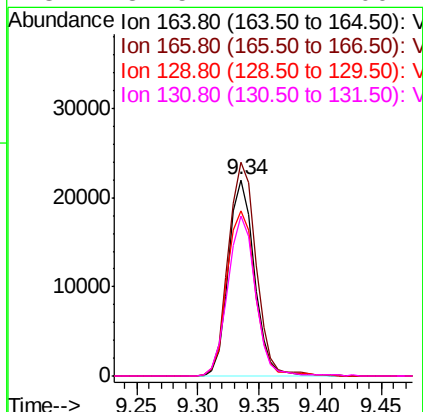
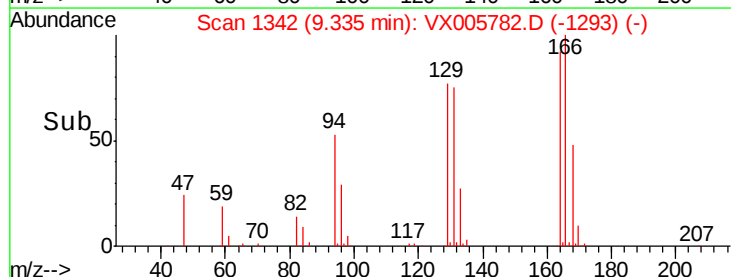
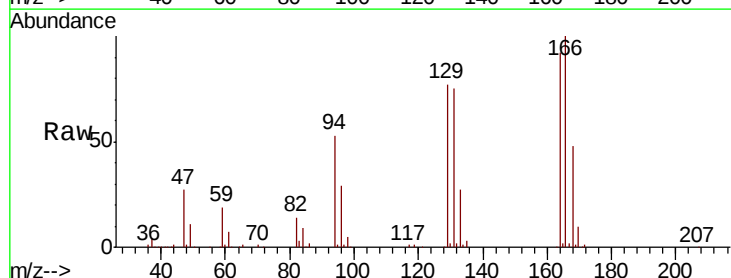
Instrument :
MSVOA_X
ClientSampled :

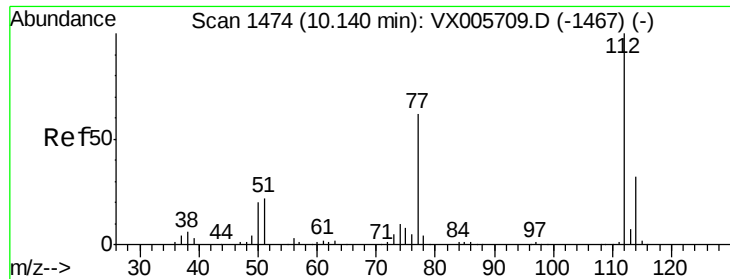
Tot Ion:117 Resp: 218950
Ion Ratio Lower Upper
117 100
82 58.2 44.1 66.1
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 20.132 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion:164 Resp: 32203
Ion Ratio Lower Upper
164 100
166 109.1 101.9 152.9
129 84.2 72.6 109.0
131 81.5 71.1 106.7

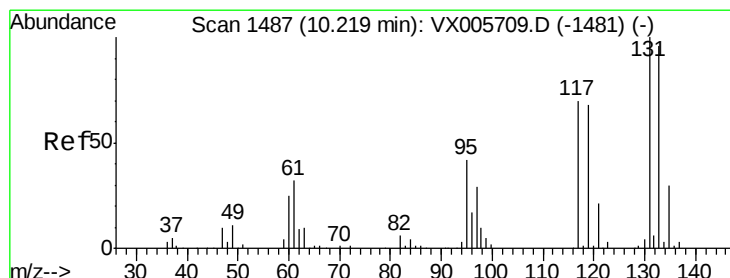
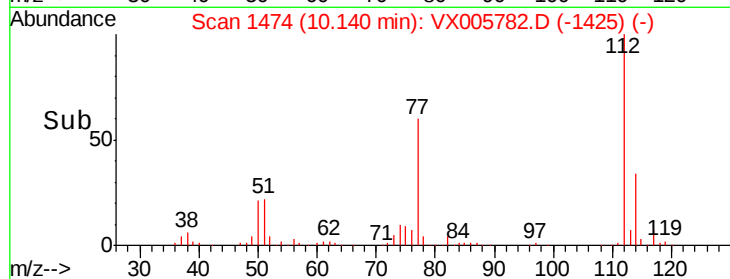
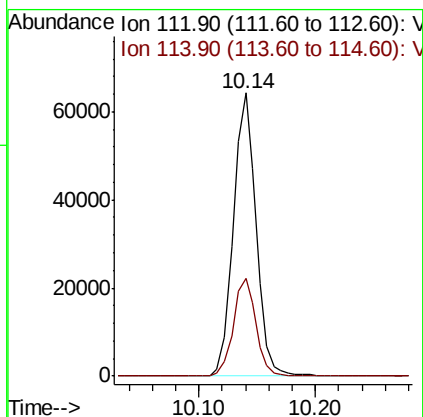
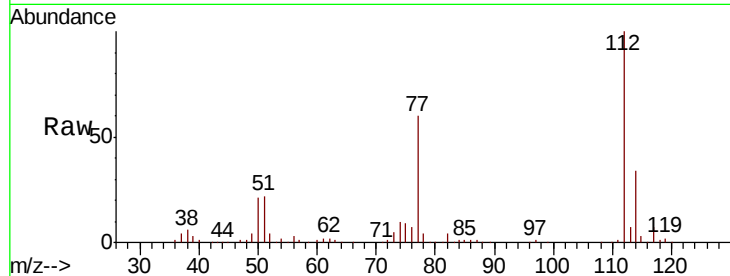




#65
Chlorobenzene
Concen: 18.789 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

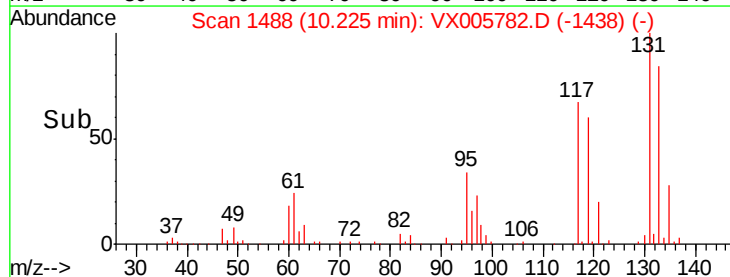
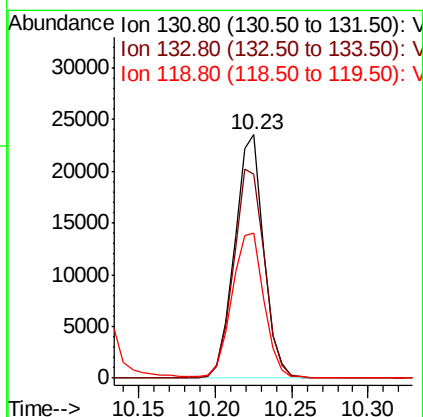
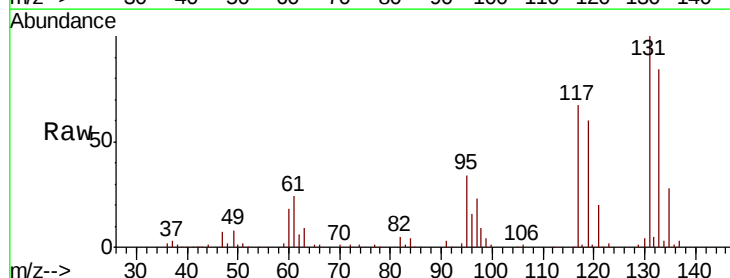
Instrument :
MSVOA_X
ClientSampleId :

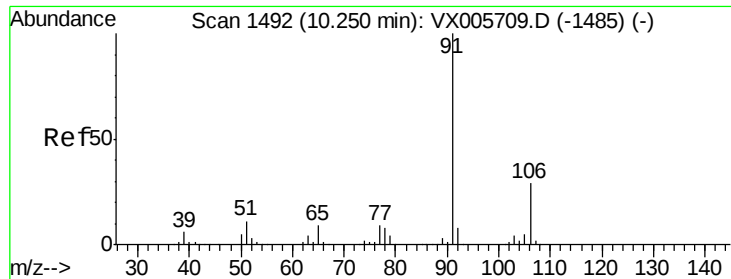
Tot Ion:112 Resp: 87420
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.373 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion:131 Resp: 30856
Ion Ratio Lower Upper
131 100
133 91.1 47.5 142.5
119 66.0 31.8 95.3

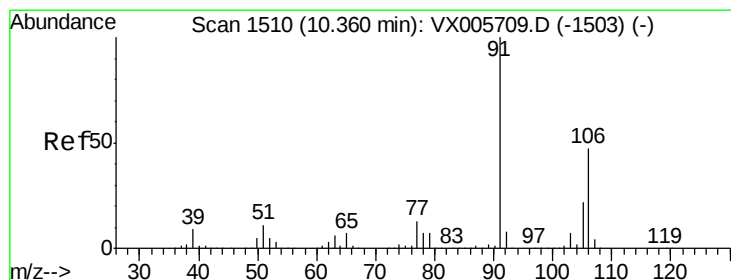
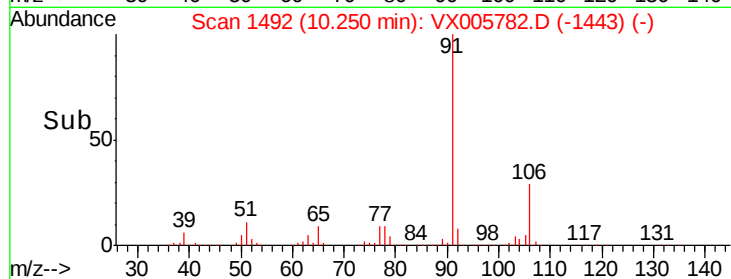
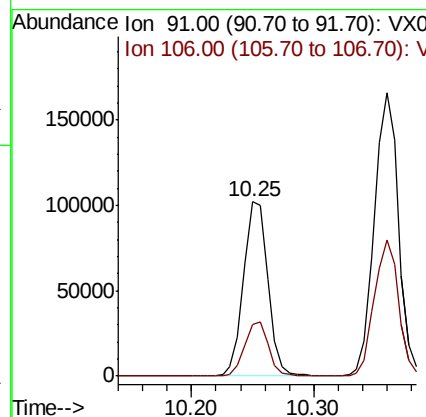
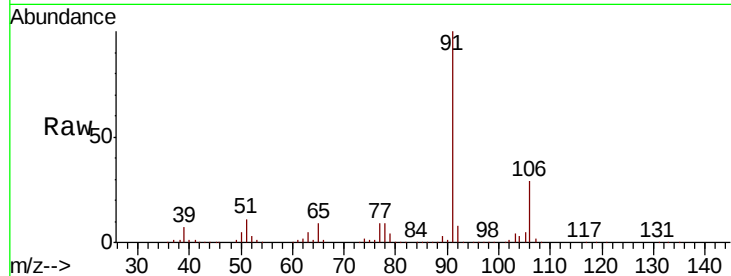




#67
Ethyl Benzene
Concen: 17.822 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

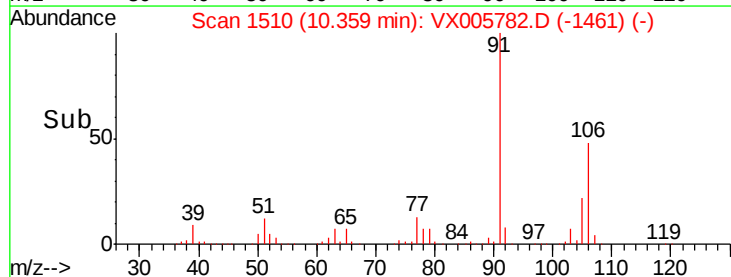
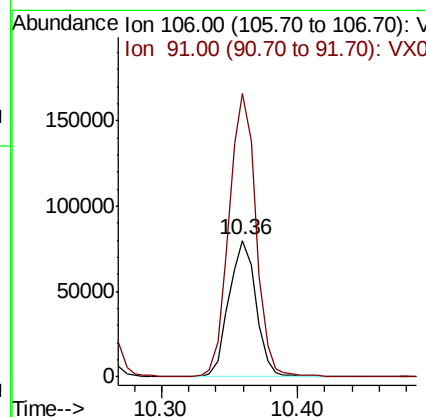
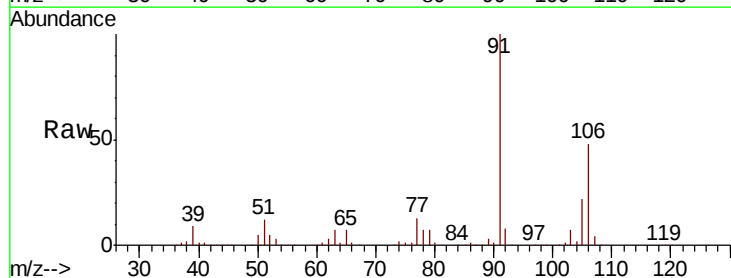
Instrument :
MSVOA_X
ClientSampleId :

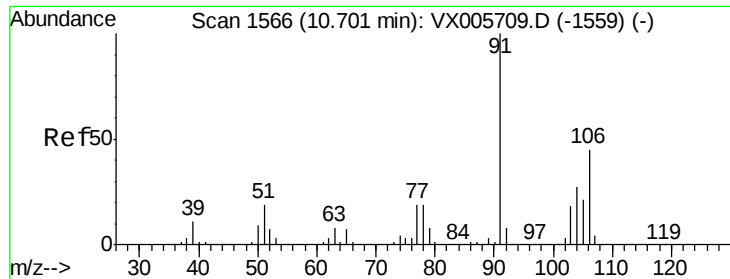
Tot Ion: 91 Resp: 141516
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6



#68
m/p-Xylenes
Concen: 37.458 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 106 Resp: 110524
Ion Ratio Lower Upper
106 100
91 207.7 164.2 246.4

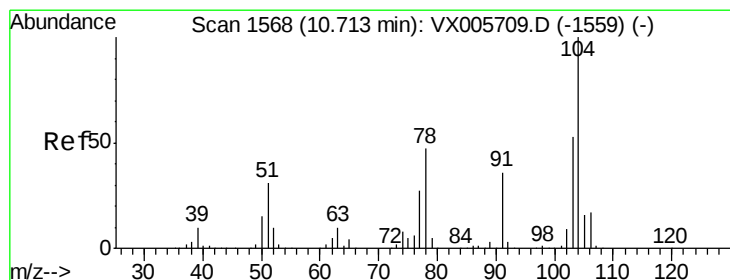
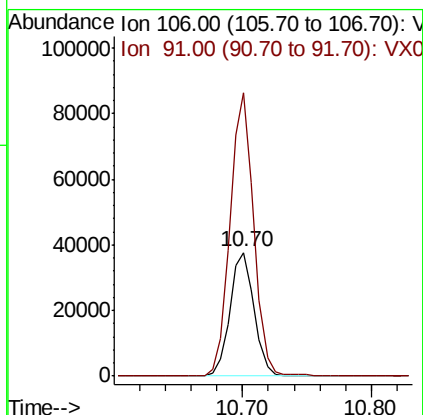
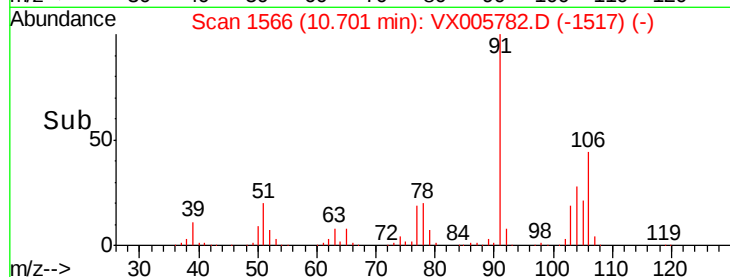
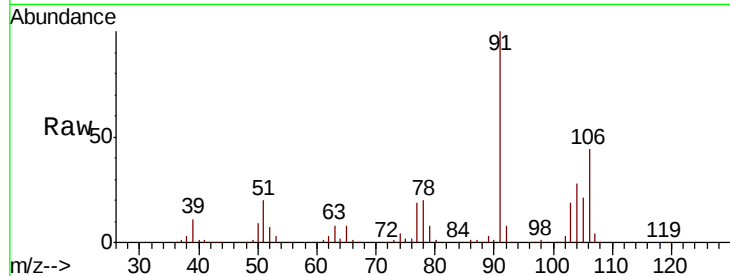




#69
o-Xylene
Concen: 17.570 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

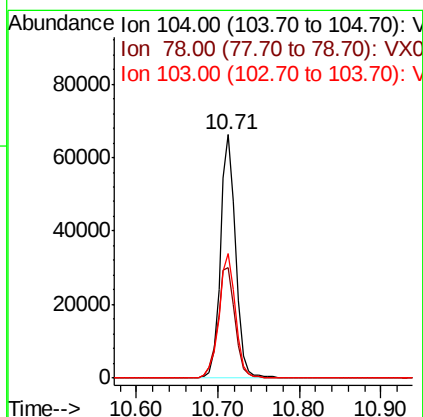
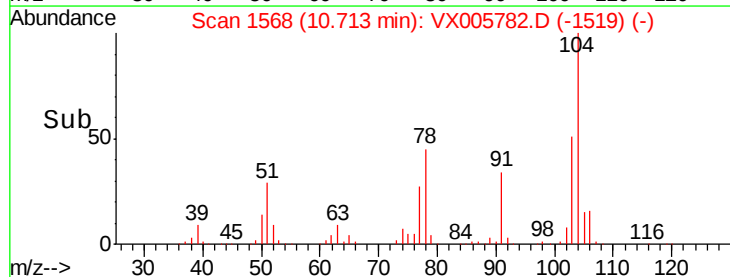
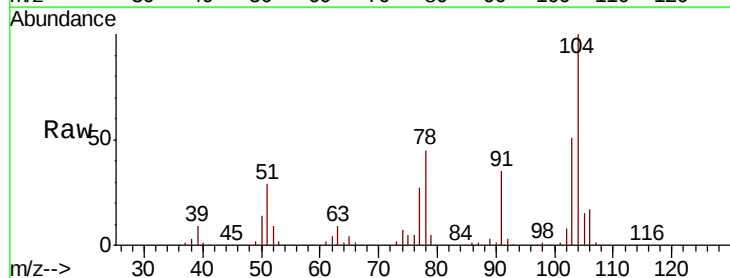
Instrument :
MSVOA_X
ClientSampled :

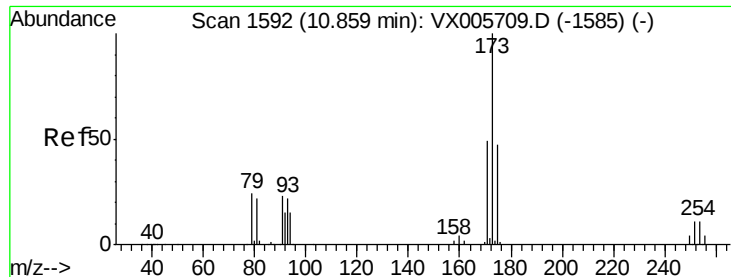
Tot Ion:106 Resp: 49584
Ion Ratio Lower Upper
106 100
91 224.7 108.5 325.5



#70
Styrene
Concen: 18.433 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion:104 Resp: 86397
Ion Ratio Lower Upper
104 100
78 52.0 40.2 60.4
103 55.9 44.9 67.3





#71

Bromoform

Concen: 17.323 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

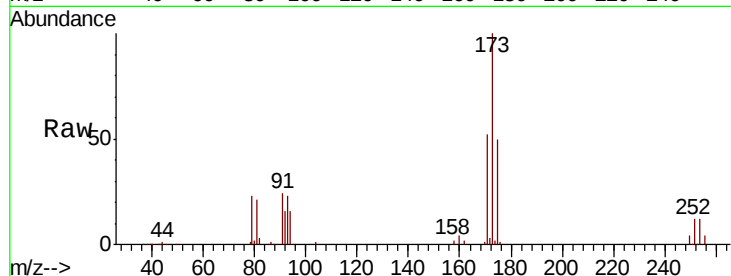
Tot Ion:173 Resp: 22356

Ion Ratio Lower Upper

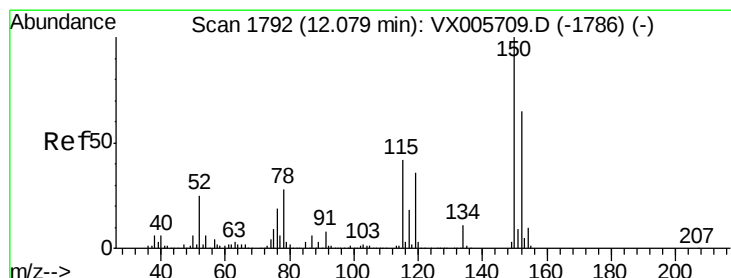
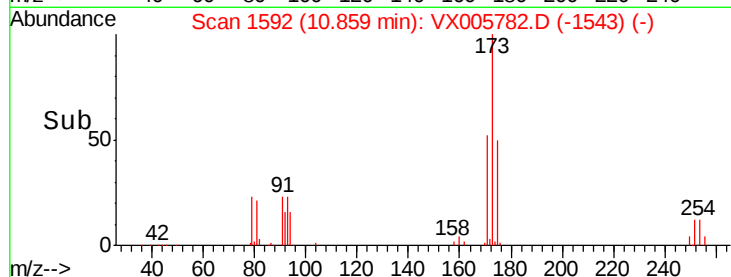
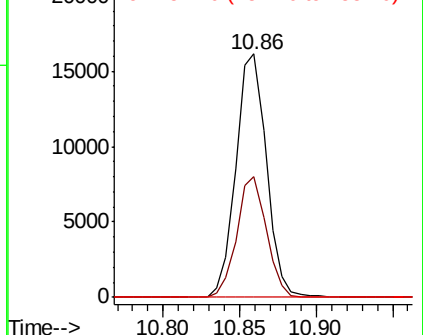
173 100

175 47.9 24.8 74.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

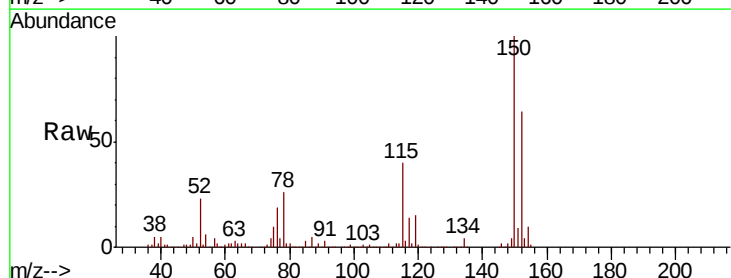
Tgt Ion:152 Resp: 108370

Ion Ratio Lower Upper

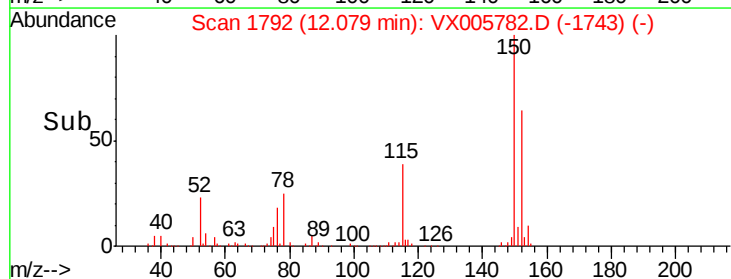
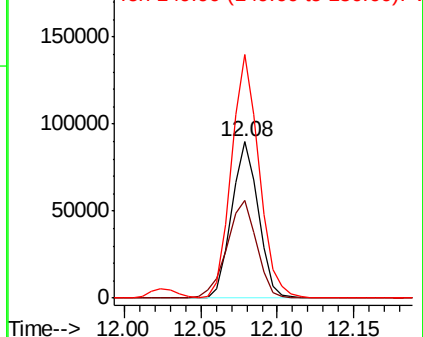
152 100

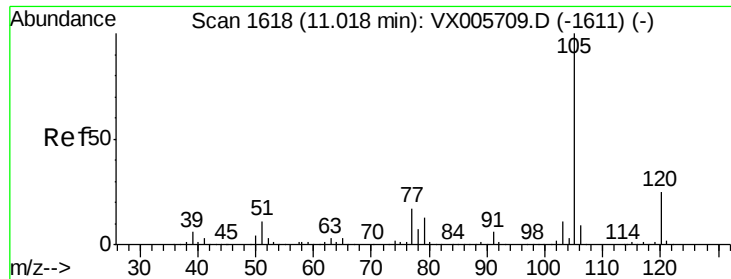
115 69.5 39.4 118.1

150 161.7 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: 19.514 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

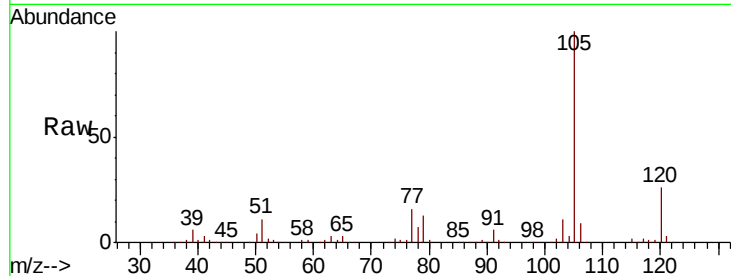
ClientSampleId :

Tot Ion:105 Resp: 139517

Ion Ratio Lower Upper

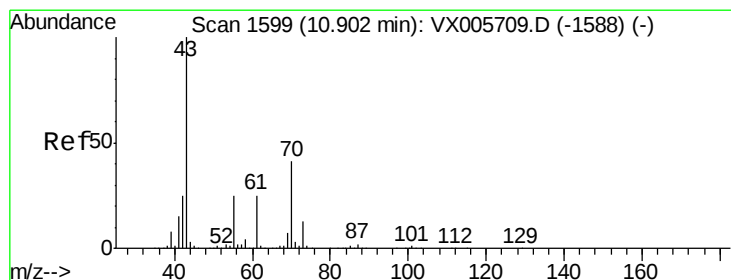
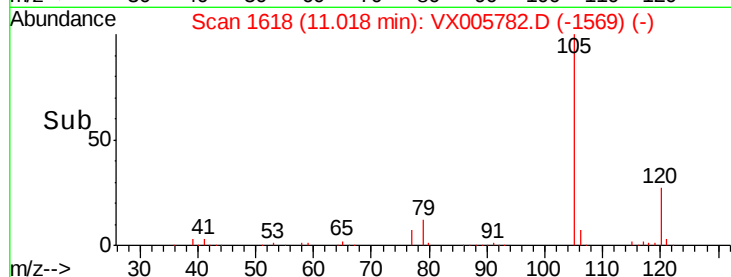
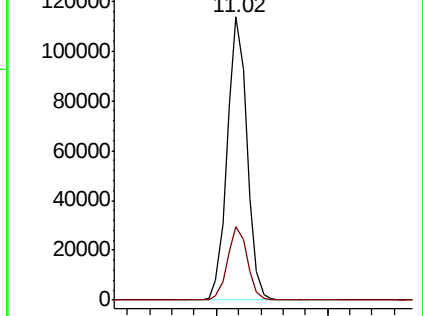
105 100

120 25.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.155 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Tgt Ion: 43 Resp: 69108

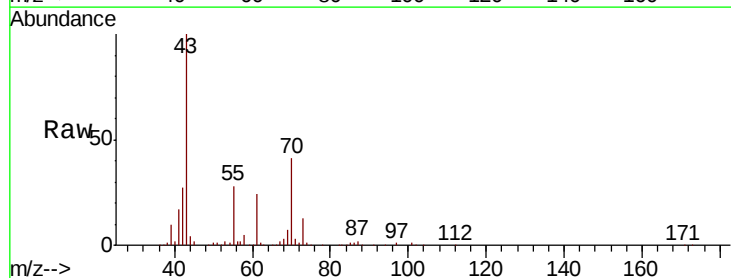
Ion Ratio Lower Upper

43 100

70 41.1 31.6 47.4

55 28.1 19.7 29.5

61 23.5 18.3 27.5

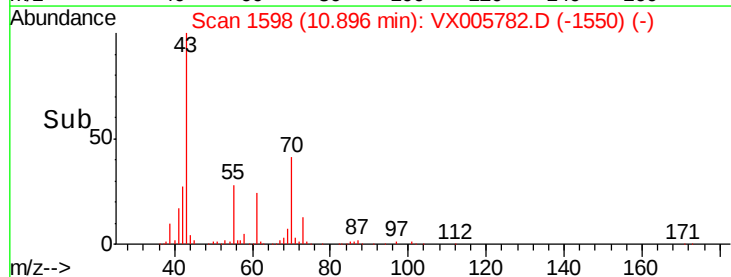
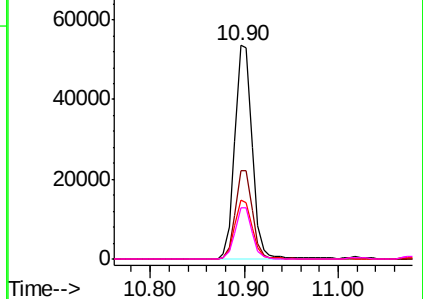


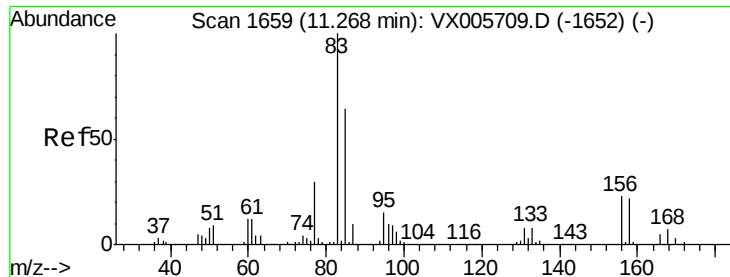
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.782 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampled :

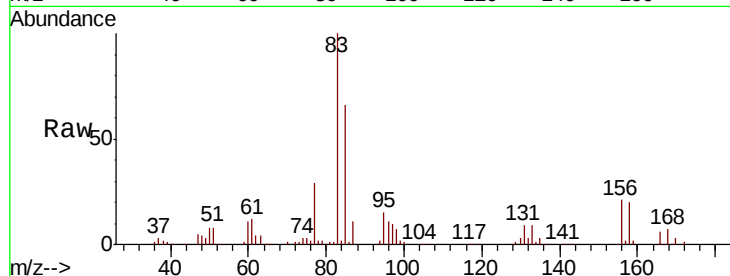
Tot Ion: 83 Resp: 55710

Ion Ratio Lower Upper

83 100

131 8.8 5.3 15.9

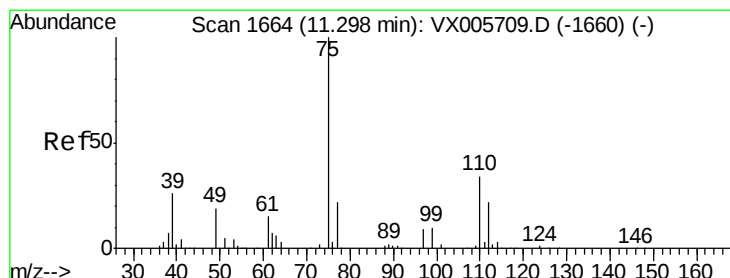
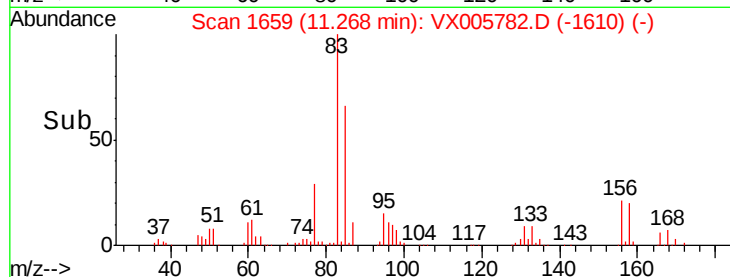
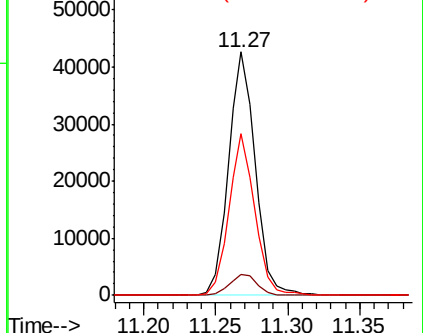
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.029 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005782.D

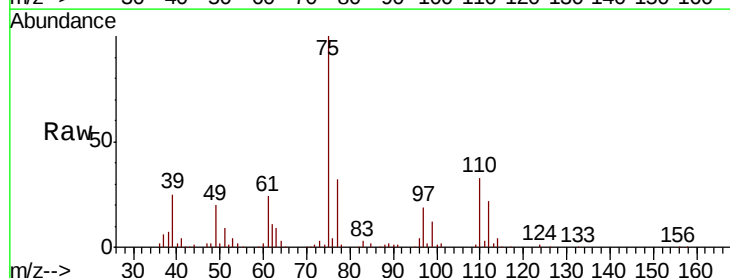
Acq: 05 Nov 2018 16:57

Tgt Ion: 75 Resp: 64856

Ion Ratio Lower Upper

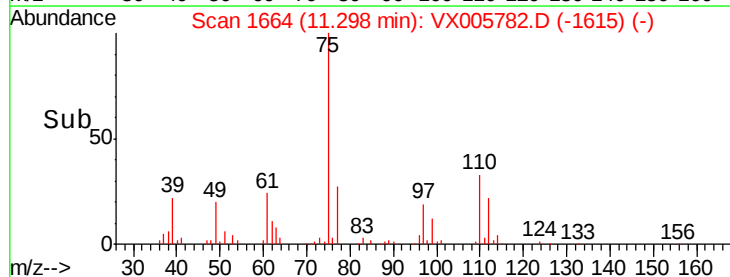
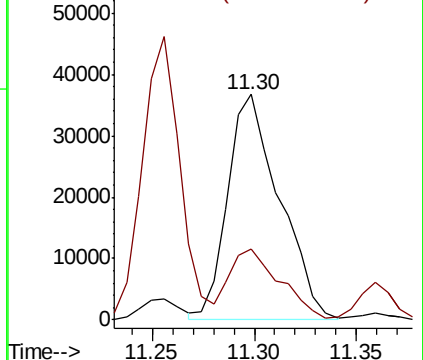
75 100

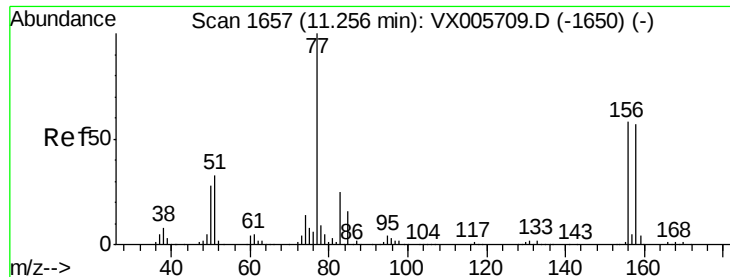
77 30.6 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.592 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

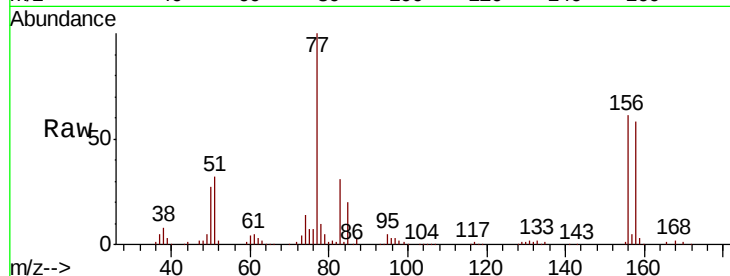
Tot Ion:156 Resp: 34747

Ion Ratio Lower Upper

156 100

77 170.8 74.8 224.4

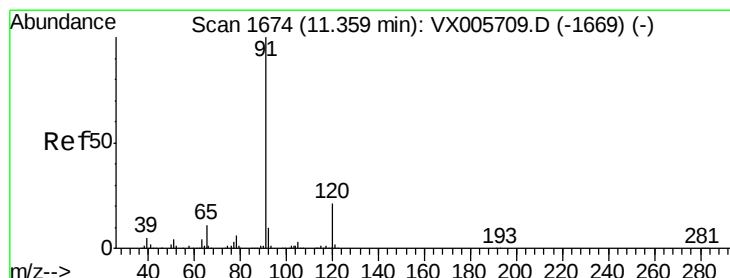
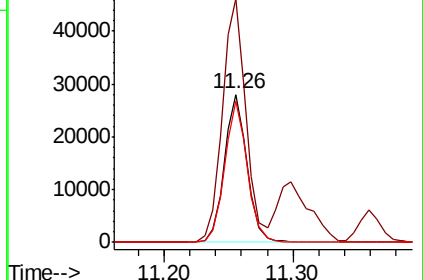
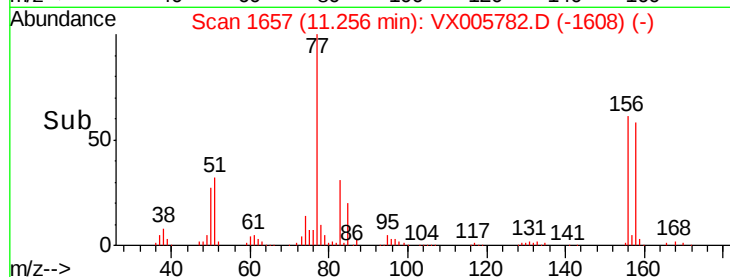
158 95.4 49.1 147.3



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: 19.198 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005782.D

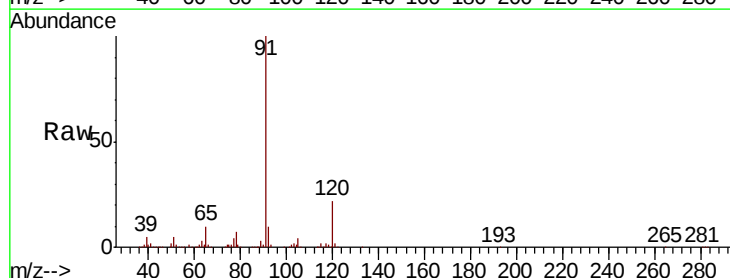
Acq: 05 Nov 2018 16:57

Tgt Ion: 91 Resp: 166971

Ion Ratio Lower Upper

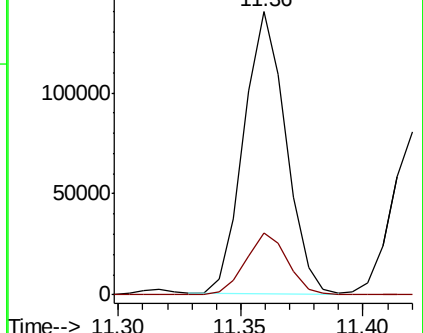
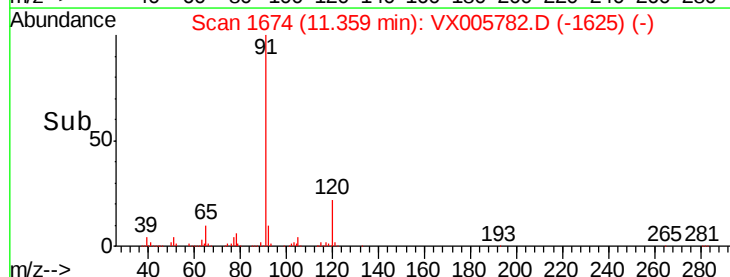
91 100

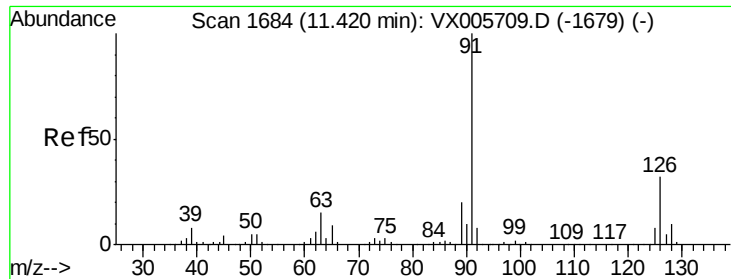
120 22.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

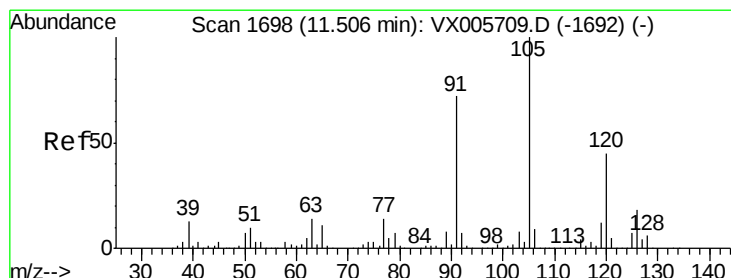
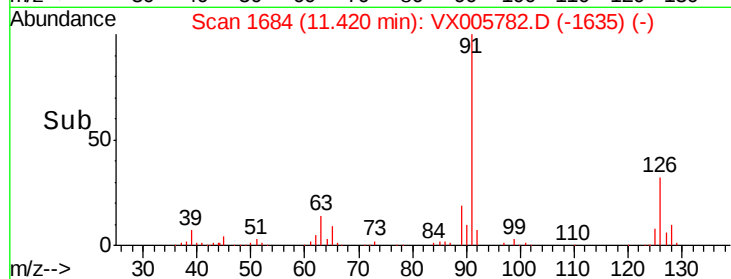
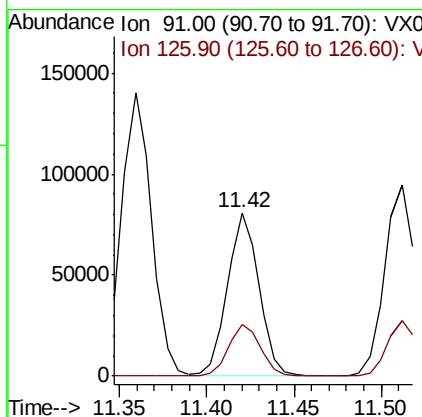
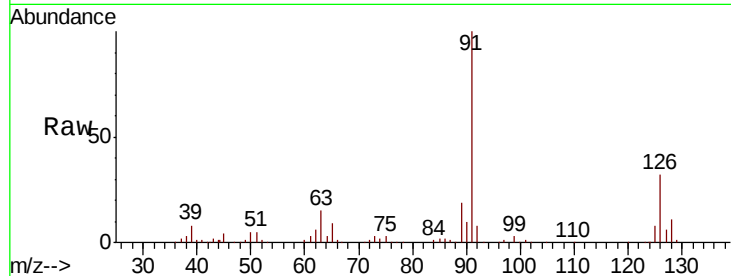




#79
 2-Chlorotoluene
 Concen: 19.303 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

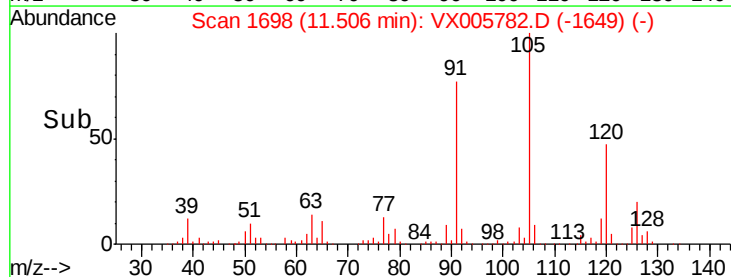
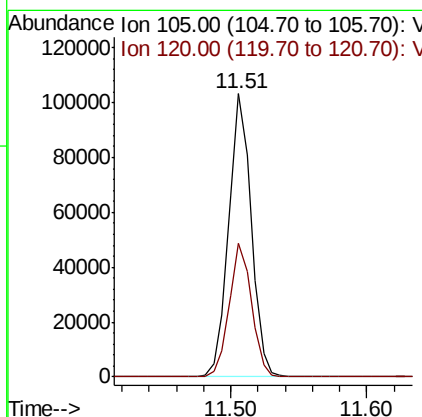
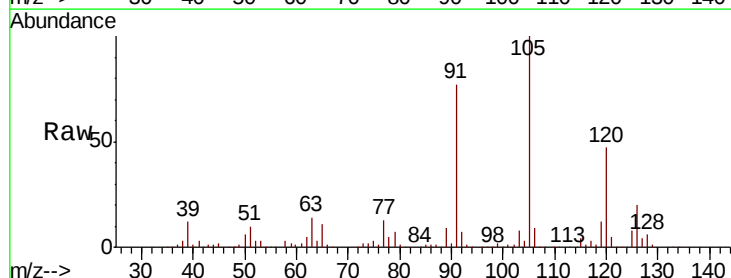
Instrument :
 MSVOA_X
 ClientSampleId :

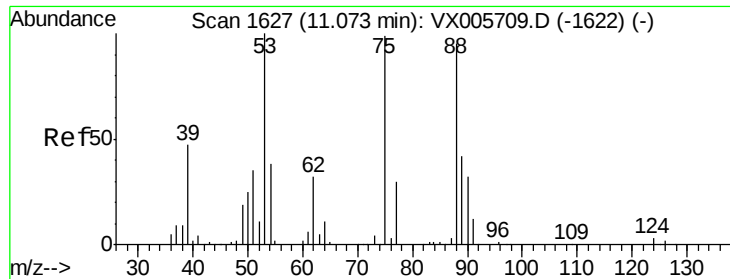
Tot Ion: 91 Resp: 100275
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.633 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion: 105 Resp: 119186
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.271 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

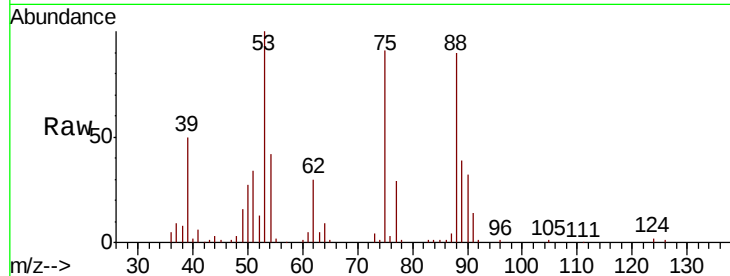
Tot Ion: 75 Resp: 15263

Ion Ratio Lower Upper

75 100

53 108.1 80.2 120.2

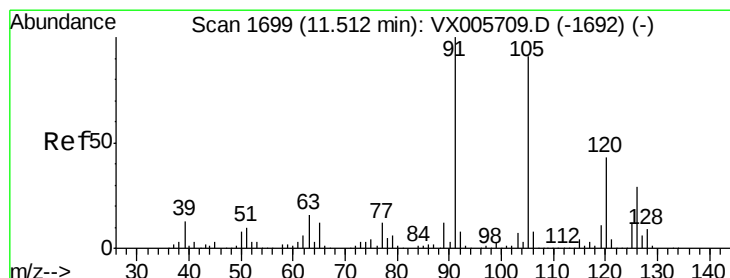
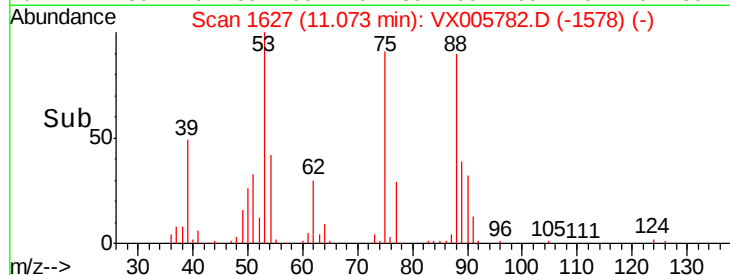
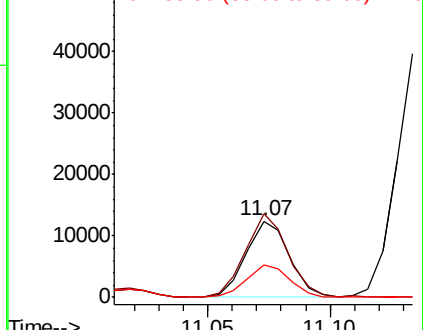
89 42.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.068 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005782.D

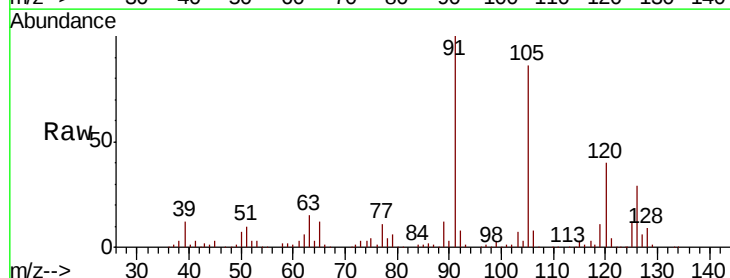
Acq: 05 Nov 2018 16:57

Tgt Ion: 91 Resp: 118253

Ion Ratio Lower Upper

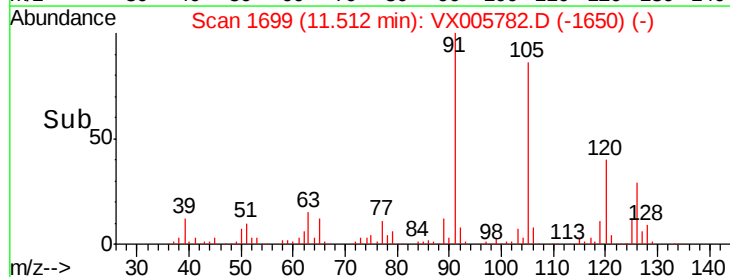
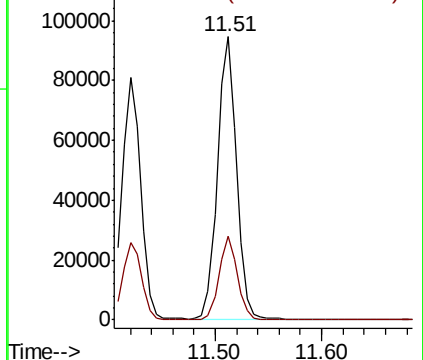
91 100

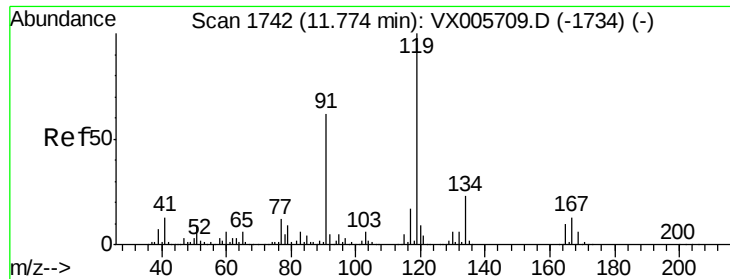
126 28.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

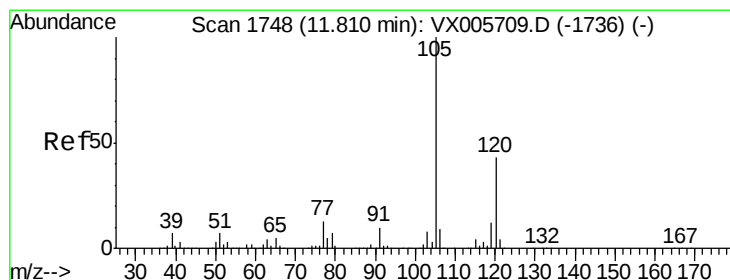
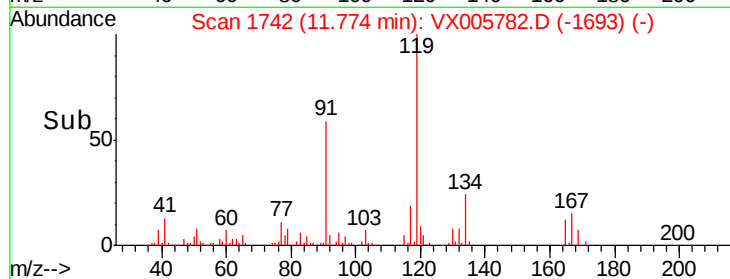
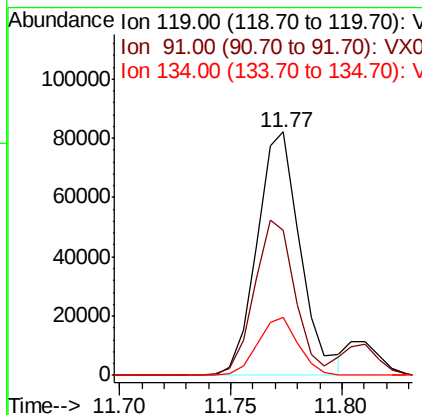
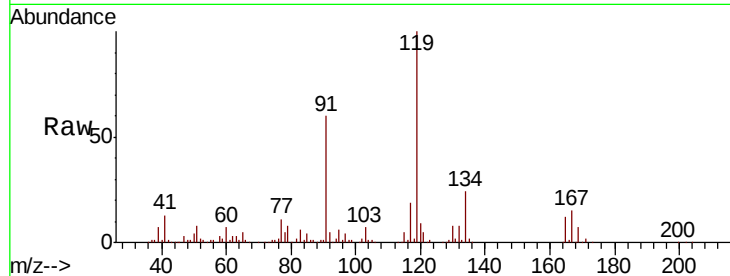




#83
 tert-Butylbenzene
 Concen: 19.162 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

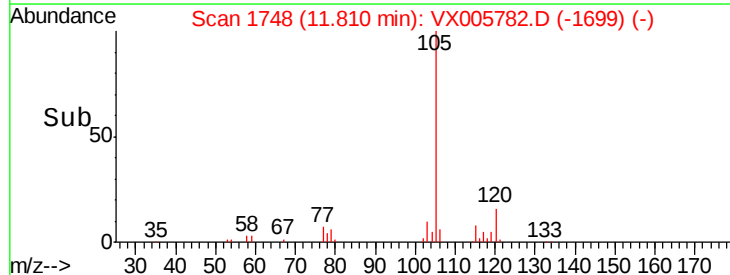
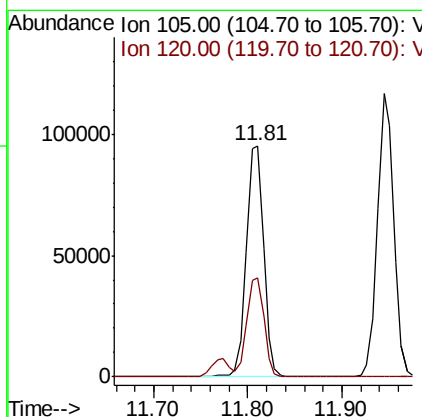
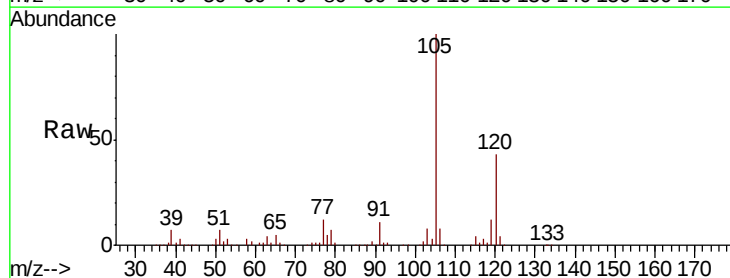
Instrument :
 MSVOA_X
 ClientSampled :

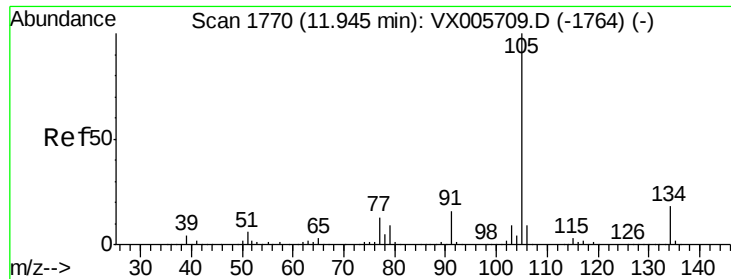
Tot Ion:119 Resp: 110989
 Ion Ratio Lower Upper
 119 100
 91 60.1 28.5 85.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.032 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion:105 Resp: 122798
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.4 67.0





#85

sec-Butylbenzene

Concen: 18.838 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

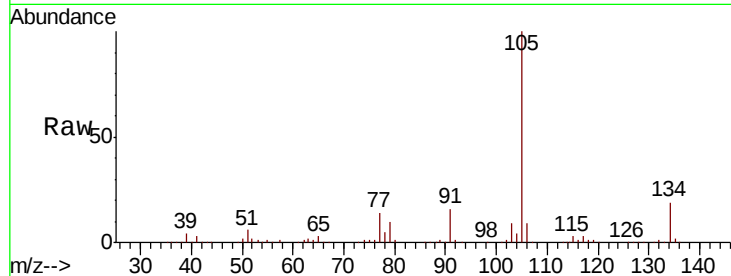
ClientSampleId :

Tot Ion:105 Resp: 139970

Ion Ratio Lower Upper

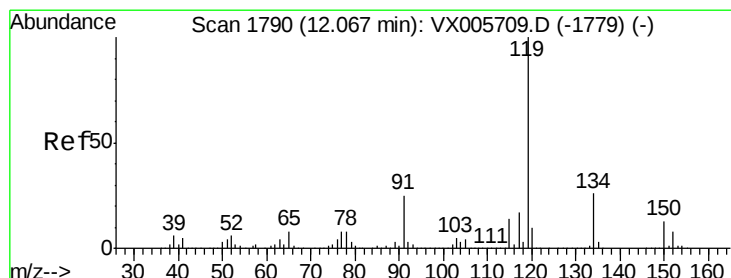
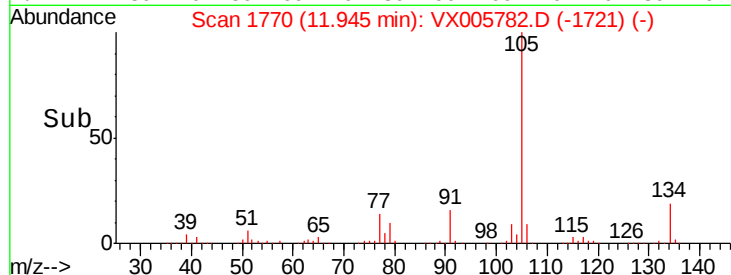
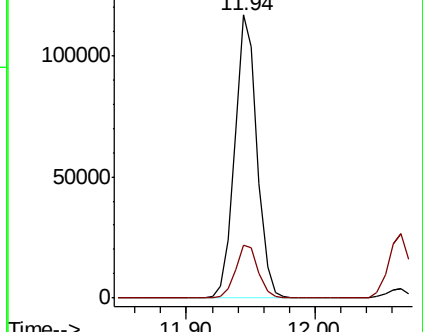
105 100

134 19.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.434 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

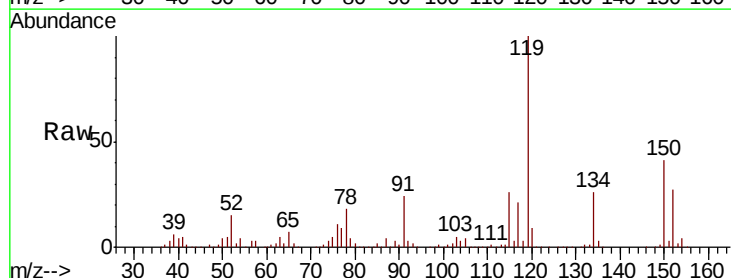
Tgt Ion:119 Resp: 122804

Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

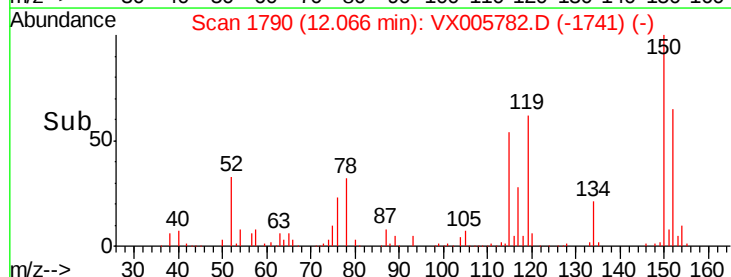
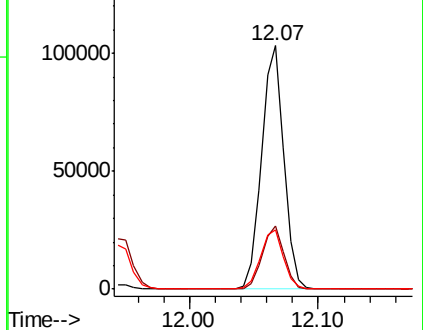
91 25.0 11.4 34.2

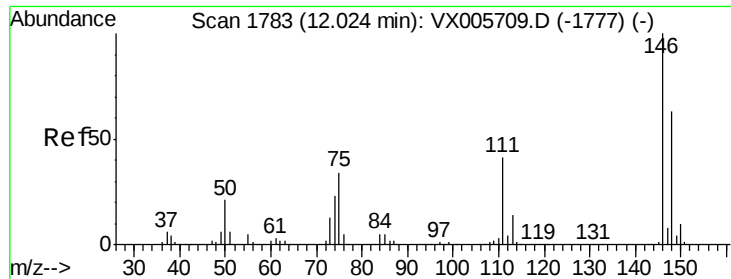


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.820 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

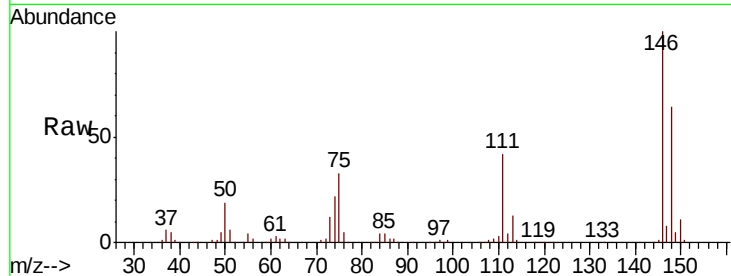
Tot Ion:146 Resp: 64539

Ion Ratio Lower Upper

146 100

111 41.4 19.0 57.0

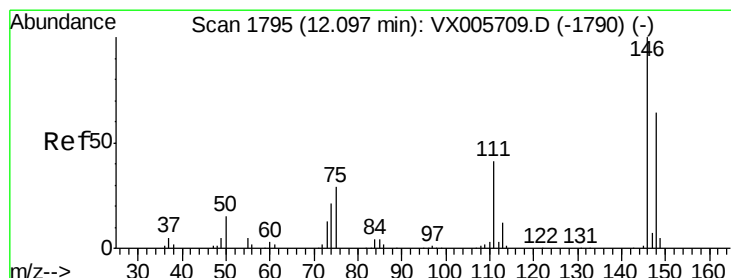
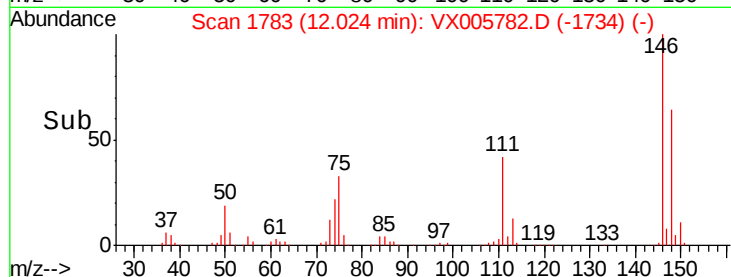
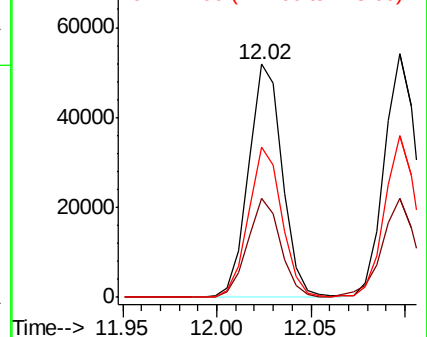
148 63.8 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 17.948 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

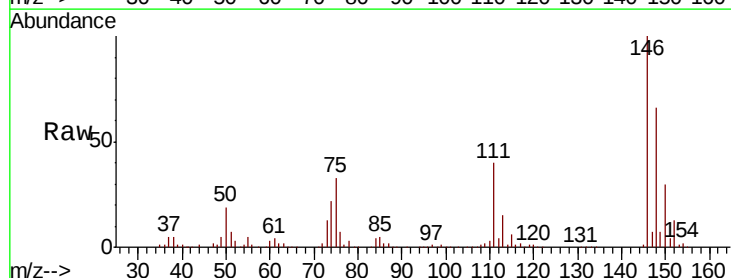
Tgt Ion:146 Resp: 66121

Ion Ratio Lower Upper

146 100

111 41.6 18.6 55.8

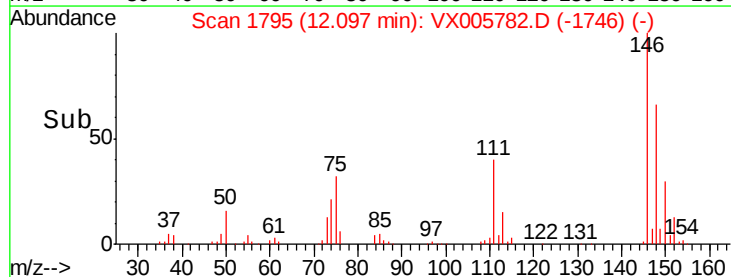
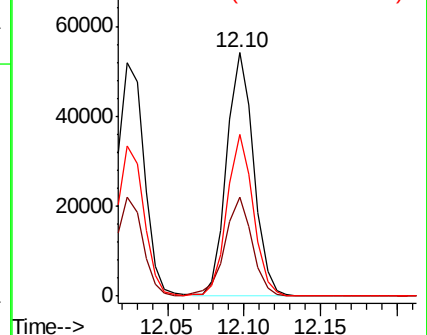
148 64.8 32.1 96.3

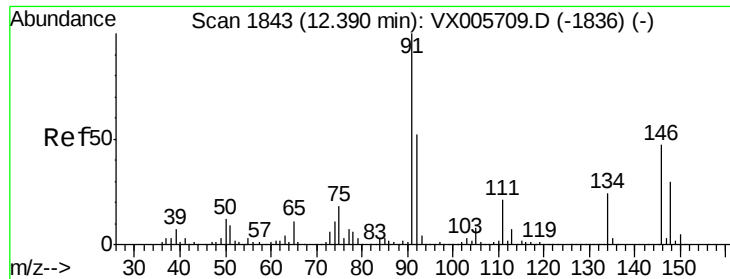


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

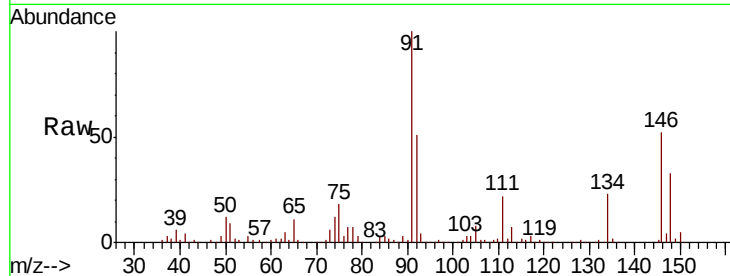




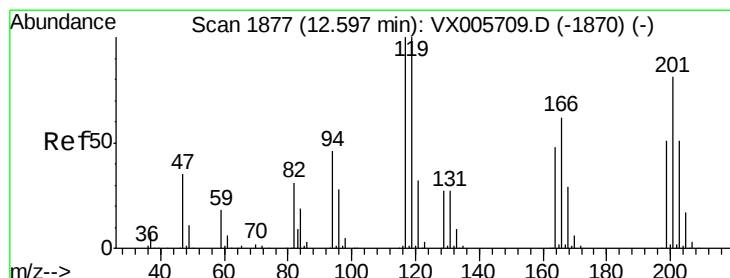
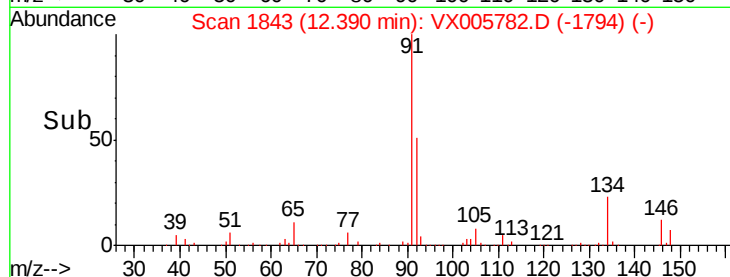
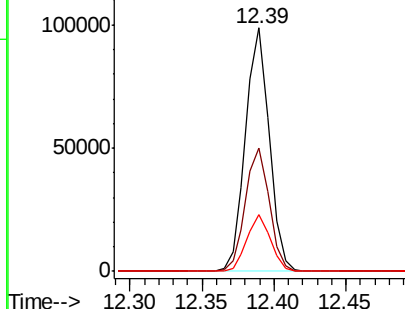
#89
n-Butylbenzene
Concen: 17.750 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 113169
Ion Ratio Lower Upper
91 100
92 51.0 26.1 78.2
134 23.1 13.1 39.3

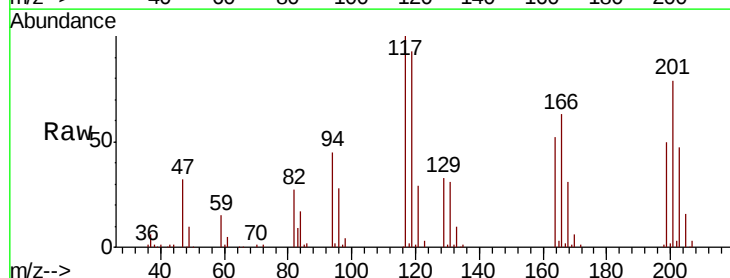


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

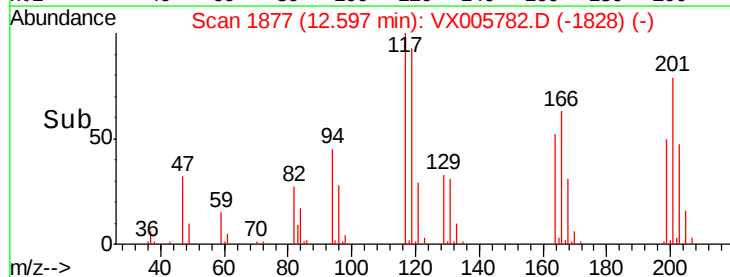
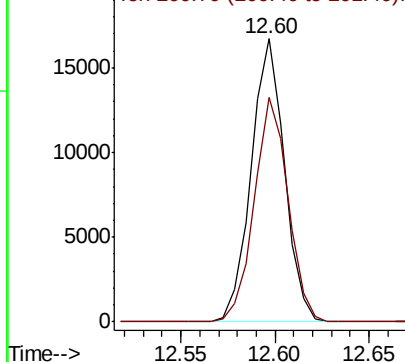


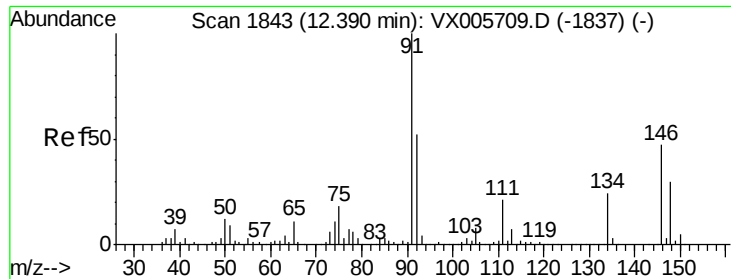
#90
Hexachloroethane
Concen: 18.240 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion: 117 Resp: 20449
Ion Ratio Lower Upper
117 100
201 80.4 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.442 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

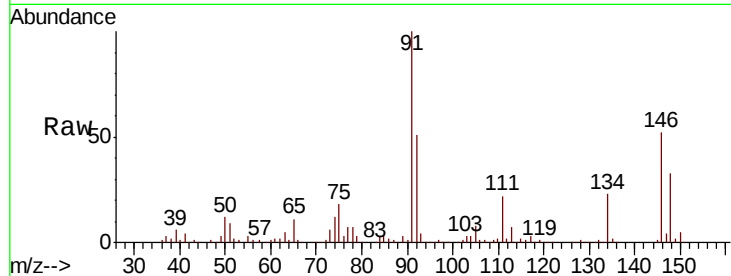
Tot Ion:146 Resp: 66072

Ion Ratio Lower Upper

146 100

111 42.1 20.0 59.9

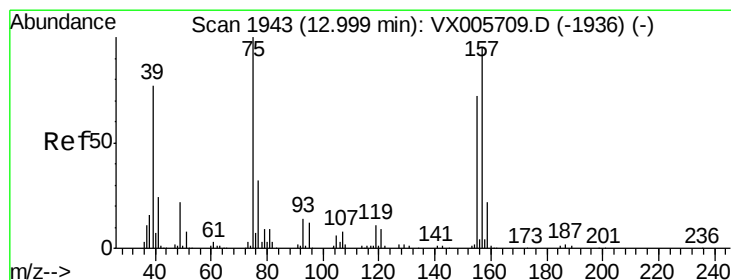
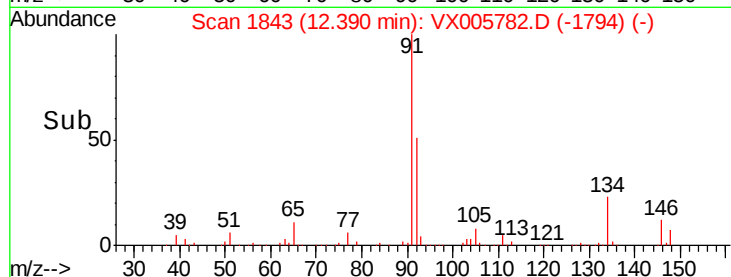
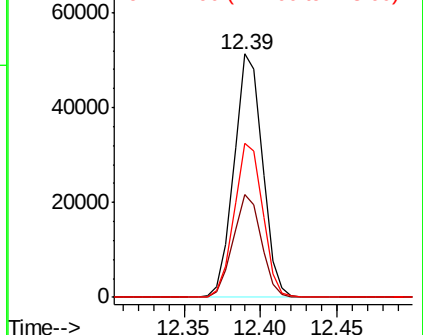
148 63.4 32.2 96.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.318 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005782.D

Acq: 05 Nov 2018 16:57

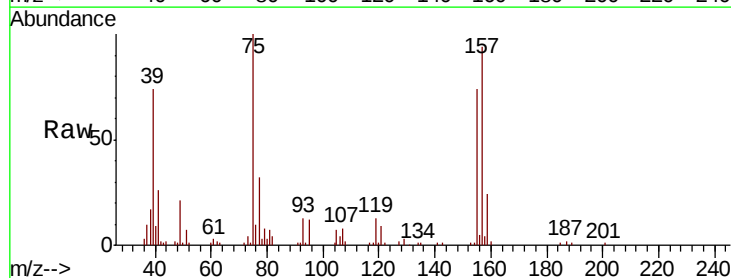
Tgt Ion: 75 Resp: 12744

Ion Ratio Lower Upper

75 100

155 77.8 45.4 136.1

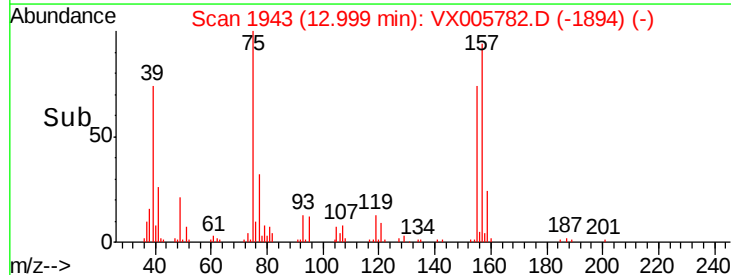
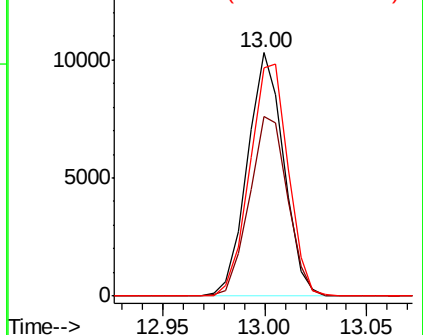
157 101.0 57.4 172.0

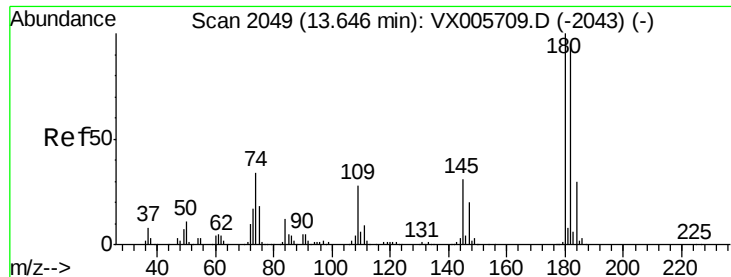


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

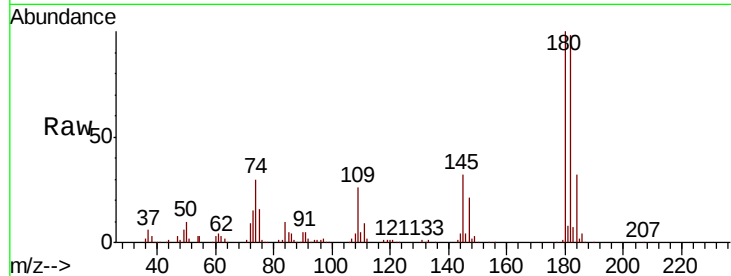




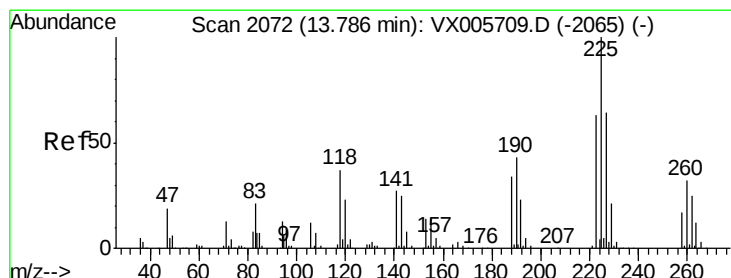
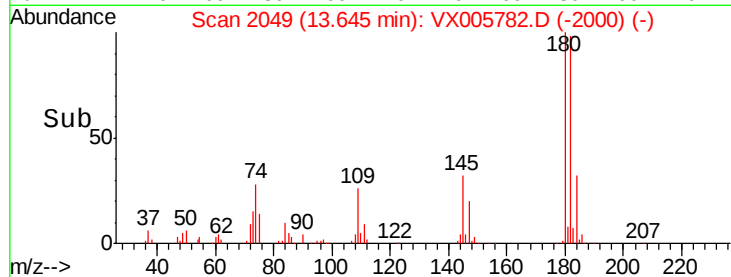
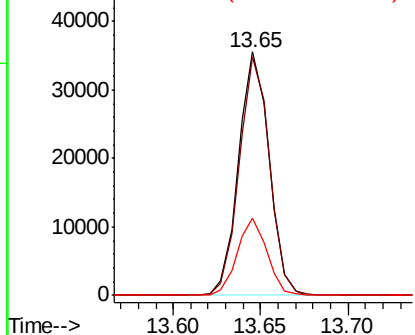
#93
 1,2,4-Trichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 43194
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.6 142.8
 145 30.7 14.1 42.2

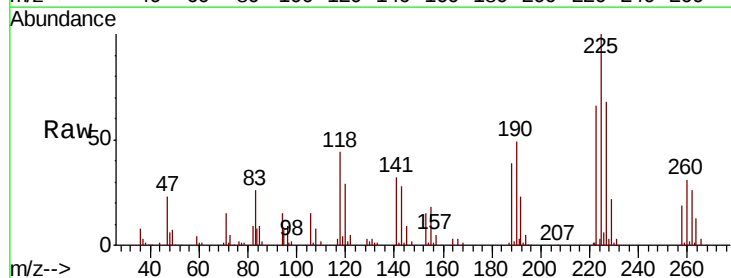


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

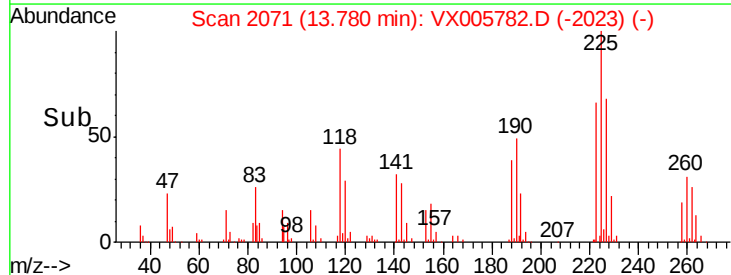
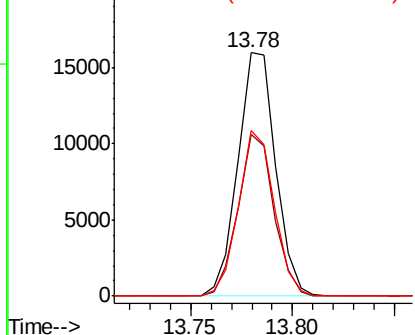


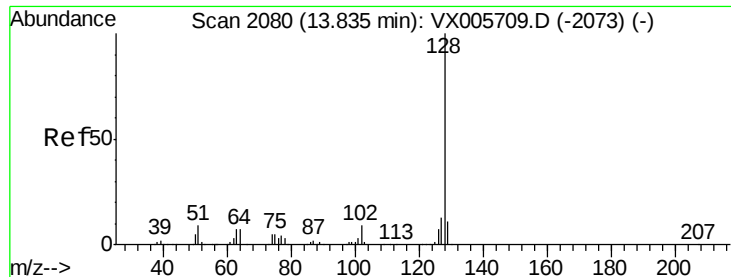
#94
 Hexachlorobutadiene
 Concen: 18.431 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005782.D
 Acq: 05 Nov 2018 16:57

Tgt Ion:225 Resp: 20488
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.7 95.1
 227 64.7 32.3 96.9



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

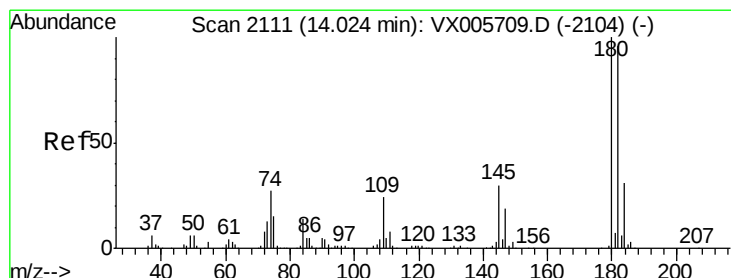
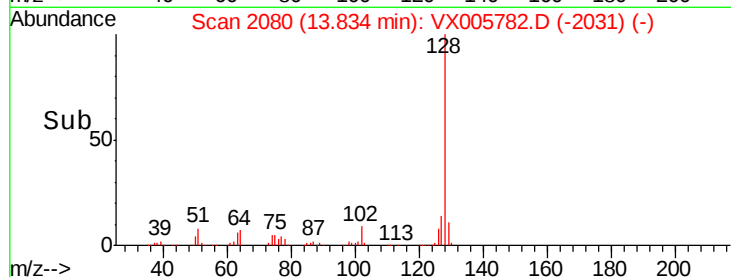
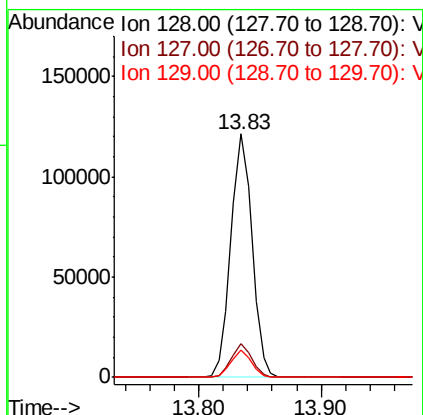
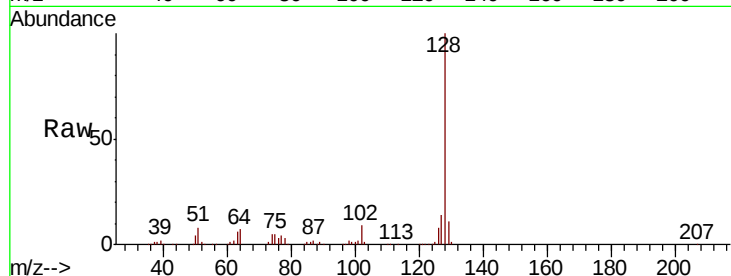




#95
Naphthalene
Concen: 19.253 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 145490
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.579 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005782.D
Acq: 05 Nov 2018 16:57

Tgt Ion:180 Resp: 45801
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.2
145 31.4 15.1 45.3

