

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006510.D
 Acq On : 14 Dec 2018 11:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:33:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	649735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	988366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	899635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	494672	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	328844	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	314041	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1119292	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	444650	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	309513	48.652	ug/l	98
3) Chloromethane	1.33	50	317196	48.519	ug/l	97
4) Vinyl Chloride	1.41	62	349539	49.678	ug/l	98
5) Bromomethane	1.64	94	322010	66.036	ug/l	98
6) Chloroethane	1.72	64	209247	48.503	ug/l	99
7) Trichlorofluoromethane	1.93	101	554517	51.341	ug/l	99
8) Diethyl Ether	2.19	74	208585	51.028	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	333932	54.373	ug/l	99
10) Methyl Iodide	2.51	142	509325	55.030	ug/l	98
11) Tert butyl alcohol	3.07	59	396977	218.852	ug/l	100
12) 1,1-Dichloroethene	2.37	96	298632	50.795	ug/l	95
13) Acrolein	2.29	56	225976	227.933	ug/l	98
14) Allyl chloride	2.73	41	513767	44.238	ug/l	97
15) Acrylonitrile	3.15	53	873522	230.774	ug/l	100
16) Acetone	2.45	43	765686	245.987	ug/l	95
17) Carbon Disulfide	2.57	76	808450	44.625	ug/l	100
18) Methyl Acetate	2.78	43	483279	46.427	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	1021493	48.704	ug/l	99
20) Methylene Chloride	2.85	84	331577	50.052	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	323036	51.560	ug/l	91
22) Diisopropyl ether	3.87	45	926612	51.081	ug/l	96
23) Vinyl Acetate	3.82	43	3839154	248.134	ug/l	99
24) 1,1-Dichloroethane	3.70	63	532194	51.328	ug/l	99
25) 2-Butanone	4.70	43	1082836	243.806	ug/l	98
26) 2,2-Dichloropropane	4.58	77	483726	50.552	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	372789	53.343	ug/l	98
28) Bromochloromethane	5.02	49	224156	49.495	ug/l	100
29) Tetrahydrofuran	5.15	42	727790	235.778	ug/l	97
30) Chloroform	5.21	83	577285	52.981	ug/l	99
31) Cyclohexane	5.57	56	503800	52.577	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	523432	50.489	ug/l	100
36) 1,1-Dichloropropene	5.80	75	436623	52.460	ug/l	100
37) Ethyl Acetate	4.85	43	425167	45.615	ug/l	98
38) Carbon Tetrachloride	5.78	117	472500	48.257	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006510.D
 Acq On : 14 Dec 2018 11:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:33:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	591955	54.792	ug/l	97
40) Benzene	6.14	78	1300204	52.158	ug/l	100
41) Methacrylonitrile	5.06	41	235013	45.823	ug/l	98
42) 1,2-Dichloroethane	6.20	62	429598	52.656	ug/l	100
43) Isopropyl Acetate	6.46	43	707365	45.518	ug/l	99
44) Trichloroethene	7.21	130	397799	52.676	ug/l	95
45) 1,2-Dichloropropane	7.51	63	321061	50.676	ug/l	100
46) Dibromomethane	7.66	93	232896	50.899	ug/l	96
47) Bromodichloromethane	7.90	83	427406	48.235	ug/l	99
48) Methyl methacrylate	7.77	41	356914	47.210	ug/l	98
49) 1,4-Dioxane	7.75	88	181361	973.320	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2193033	242.412	ug/l	98
52) Toluene	8.79	92	858777	52.364	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	487305	47.024	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	524179	48.712	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	352335	52.882	ug/l	98
56) Ethyl methacrylate	9.18	69	519660	49.891	ug/l	97
57) 1,3-Dichloropropane	9.37	76	554002	52.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1221905	231.177	ug/l	100
59) 2-Hexanone	9.49	43	1673826	242.172	ug/l	99
60) Dibromochloromethane	9.59	129	384344	46.781	ug/l	99
61) 1,2-Dibromoethane	9.67	107	388200	52.108	ug/l	99
64) Tetrachloroethene	9.34	164	365942	54.013	ug/l	99
65) Chlorobenzene	10.14	112	1017718	53.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	365555	49.266	ug/l	99
67) Ethyl Benzene	10.25	91	1668402	52.527	ug/l	100
68) m/p-Xylenes	10.36	106	1360317	106.917	ug/l	99
69) o-Xylene	10.70	106	661876	52.666	ug/l	99
70) Styrene	10.71	104	1074049	52.841	ug/l	99
71) Bromoform	10.86	173	301687	43.072	ug/l	99
73) Isopropylbenzene	11.02	105	1749866	51.223	ug/l	100
74) N-amyl acetate	10.90	43	662786	45.055	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	520238	47.602	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	621439	65.086	ug/l	86
77) Bromobenzene	11.26	156	483347	50.984	ug/l	100
78) n-propylbenzene	11.36	91	1987542	52.340	ug/l	100
79) 2-Chlorotoluene	11.42	91	1161963	51.482	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1473768	51.851	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	169353	41.624	ug/l	94
82) 4-Chlorotoluene	11.51	91	1355969	51.673	ug/l	100
83) tert-Butylbenzene	11.77	119	1538674	50.737	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1531552	52.183	ug/l	99
85) sec-Butylbenzene	11.94	105	1835604	53.205	ug/l	100
86) p-Isopropyltoluene	12.06	119	1650513	53.128	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	898406	53.258	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	890254	51.996	ug/l	100
89) n-Butylbenzene	12.38	91	1441943	54.398	ug/l	100
90) Hexachloroethane	12.60	117	278238	43.943	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	855236	51.084	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	113390	40.474	ug/l	96

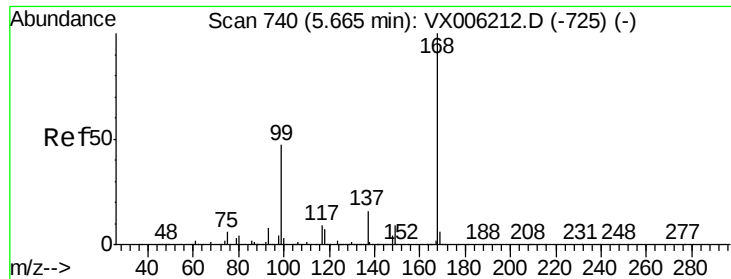
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
Data File : VX006510.D
Acq On : 14 Dec 2018 11:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 15 04:33:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	628351	51.444	ug/l	99
94) Hexachlorobutadiene	13.78	225	302177	55.942	ug/l	99
95) Naphthalene	13.83	128	1886545	49.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	622518	51.457	ug/l	98

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

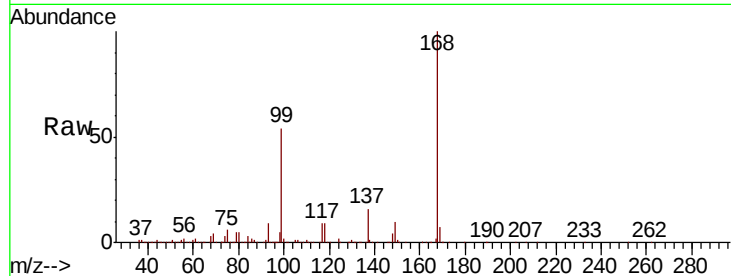


#1

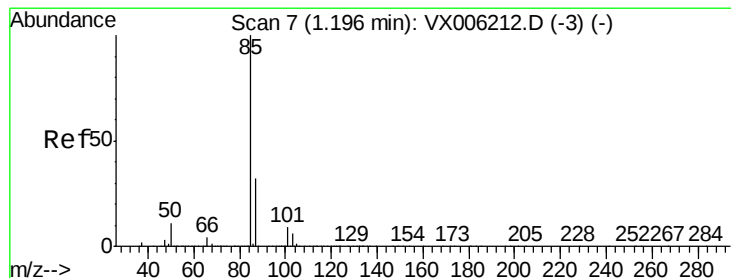
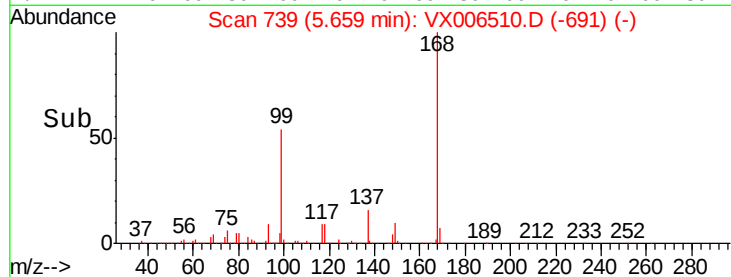
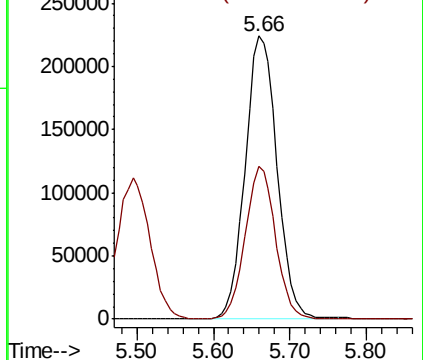
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:168 Resp: 649735
 Ion Ratio Lower Upper
 168 100
 99 53.7 37.8 56.8



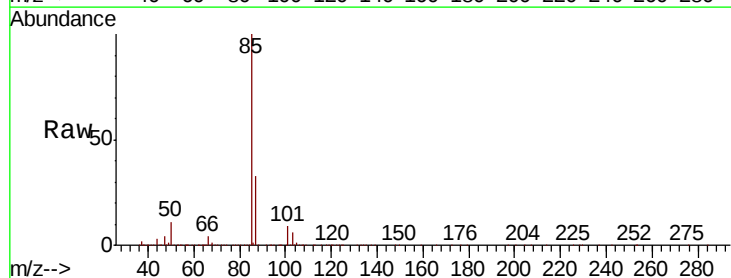
Abundance Ion 167.90 (167.60 to 168.60): VX006510.D (-691) (-)
 Ion 98.90 (98.60 to 99.60): VX006510.D (-691) (-)



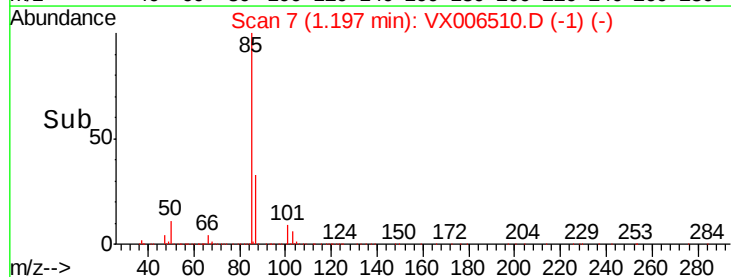
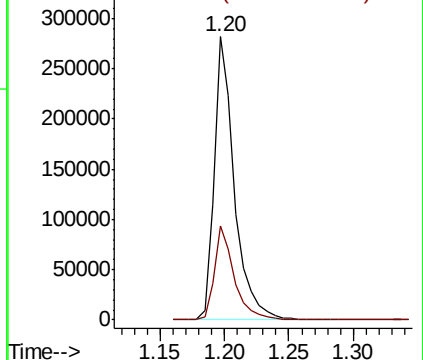
#2

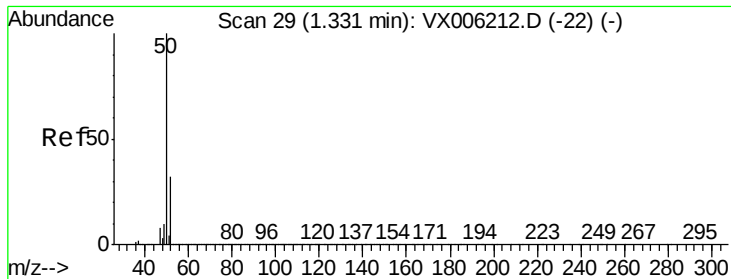
Dichlorodifluoromethane
 Concen: 48.652 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion: 85 Resp: 309513
 Ion Ratio Lower Upper
 85 100
 87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006510.D (-1) (-)
 Ion 86.90 (86.60 to 87.60): VX006510.D (-1) (-)

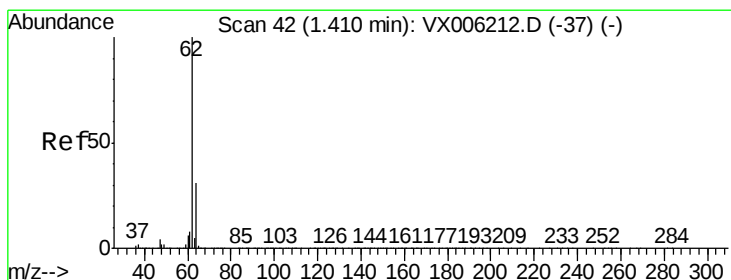
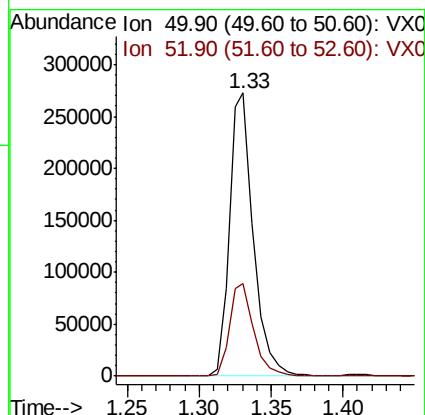
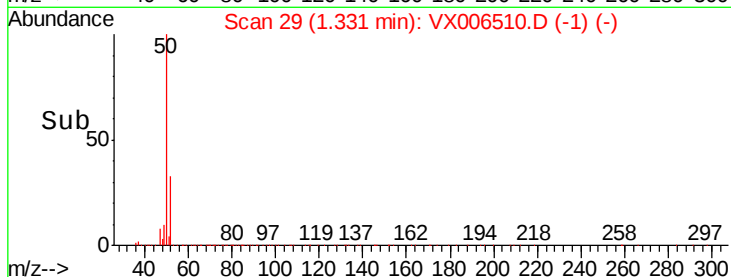
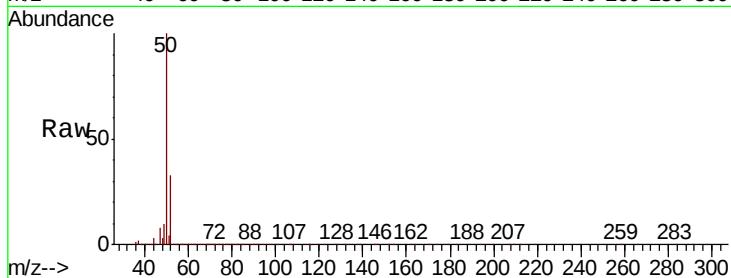




#3
Chloromethane
Concen: 48.519 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

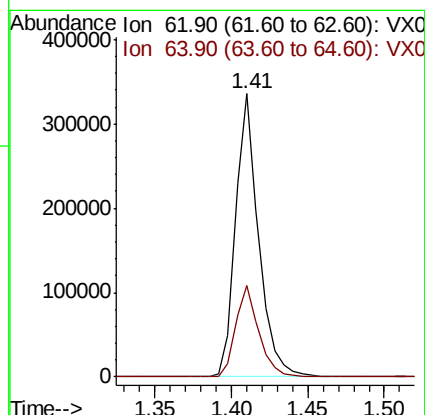
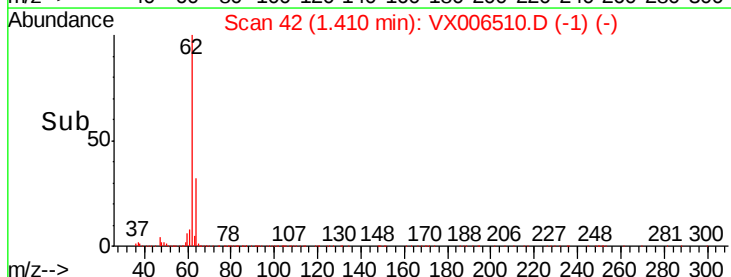
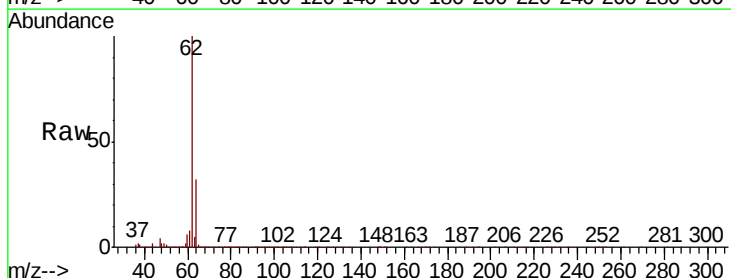
Instrument :
MSVOA_X
ClientSampleId :

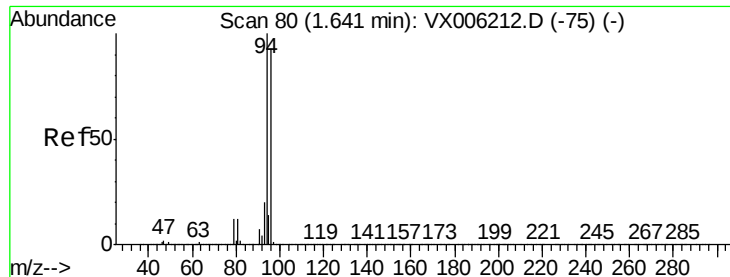
Tot Ion: 50 Resp: 317196
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8



#4
Vinyl Chloride
Concen: 49.678 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 62 Resp: 349539
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3





#5

Bromomethane

Concen: 66.036 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

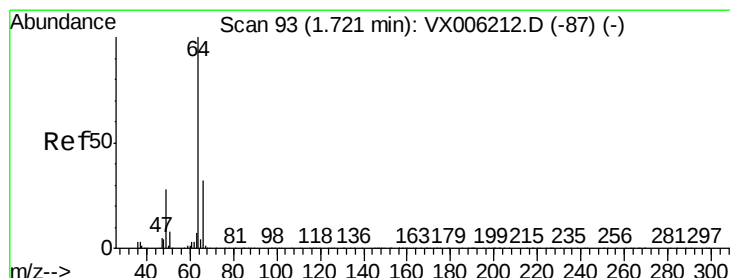
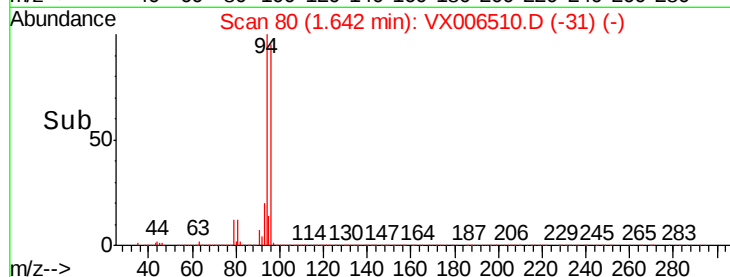
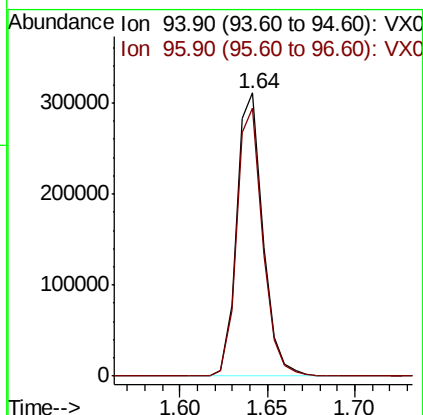
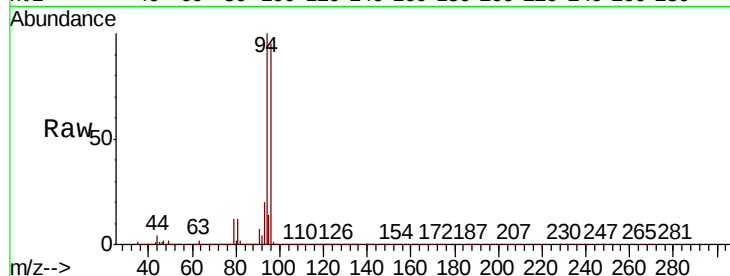
ClientSampleId :

Tot Ion: 94 Resp: 322010

Ion Ratio Lower Upper

94 100

96 94.8 74.5 111.7



#6

Chloroethane

Concen: 48.503 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006510.D

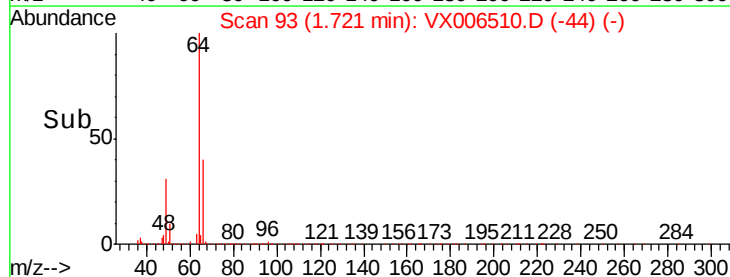
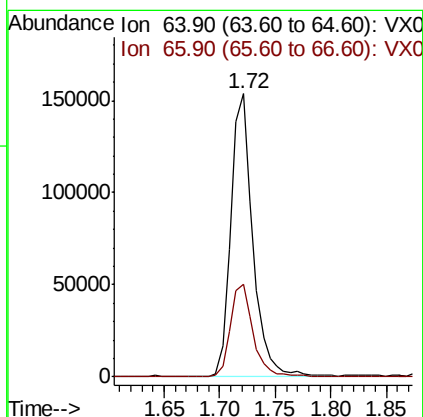
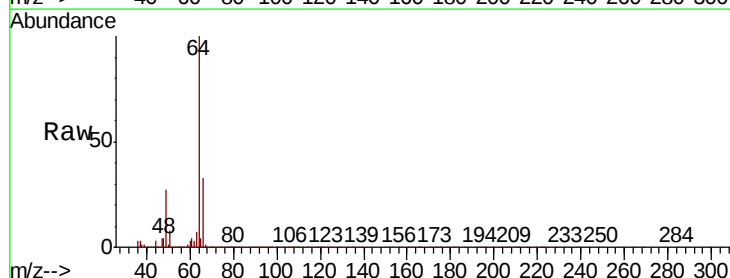
Acq: 14 Dec 2018 11:33

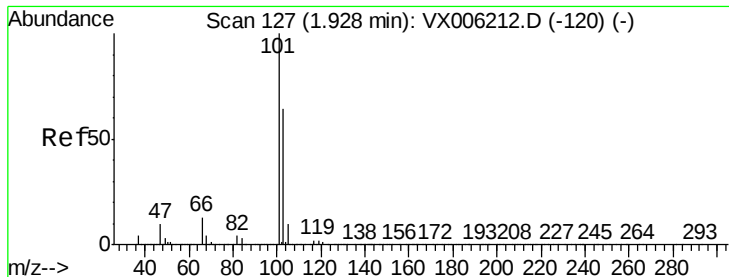
Tgt Ion: 64 Resp: 209247

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9



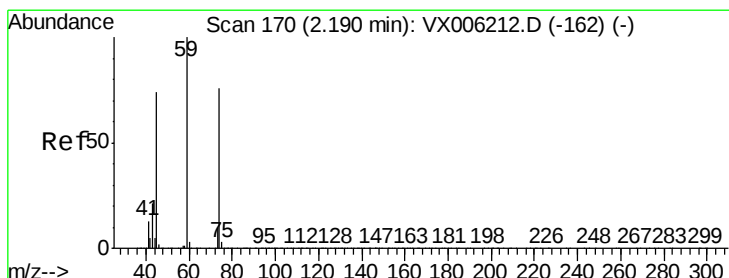
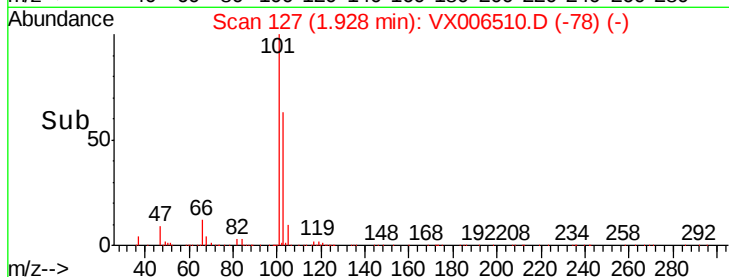
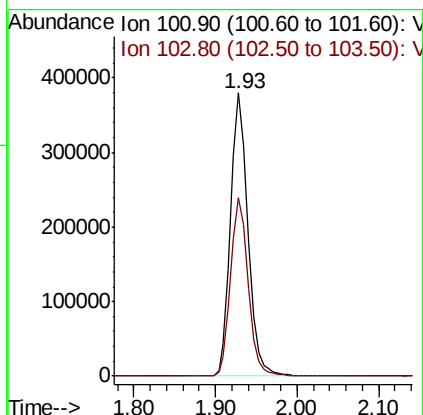
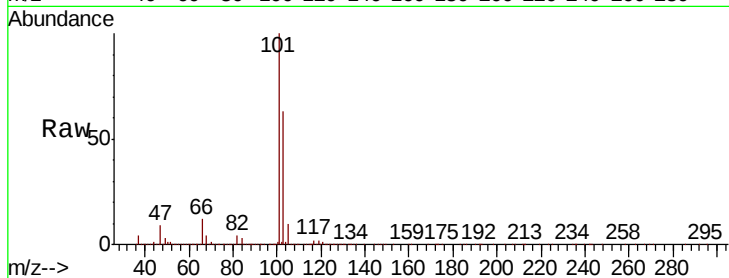


#7

Trichlorofluoromethane
Concen: 51.341 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :

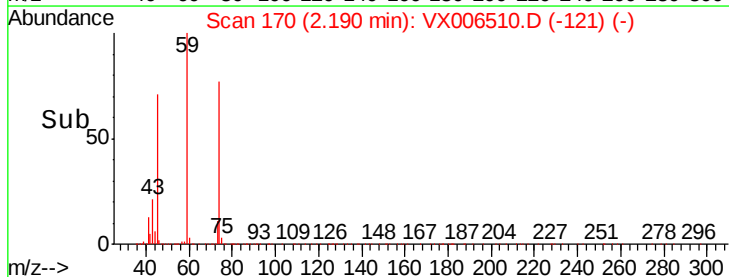
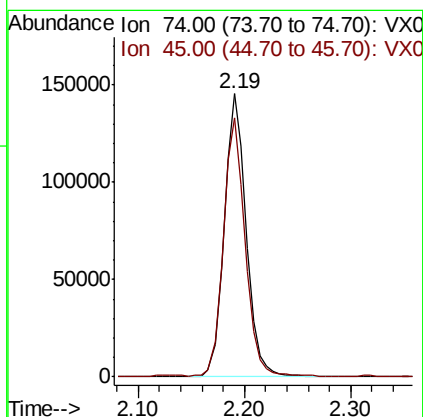
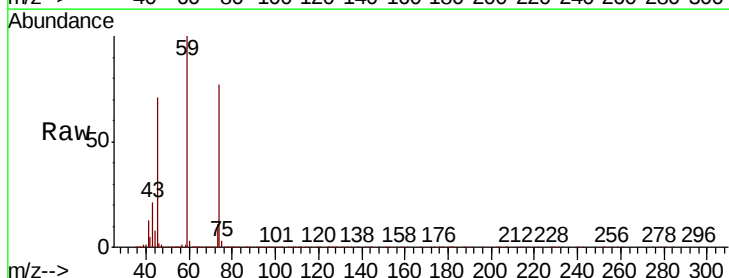
Tot Ion:101 Resp: 554517
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.4

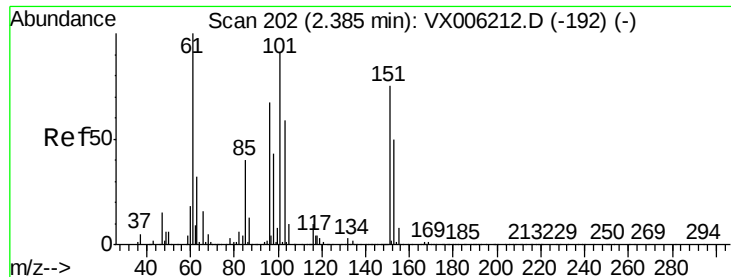


#8

Diethyl Ether
Concen: 51.028 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 74 Resp: 208585
Ion Ratio Lower Upper
74 100
45 90.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.373 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

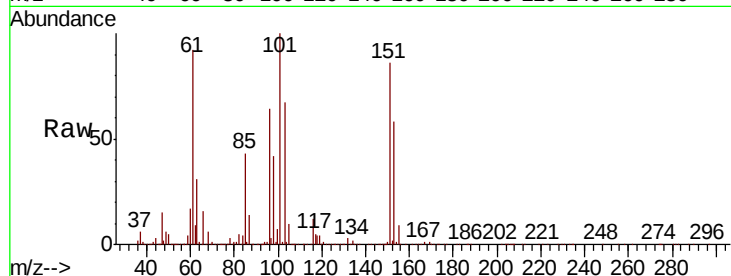
Tot Ion:101 Resp: 333932

Ion Ratio Lower Upper

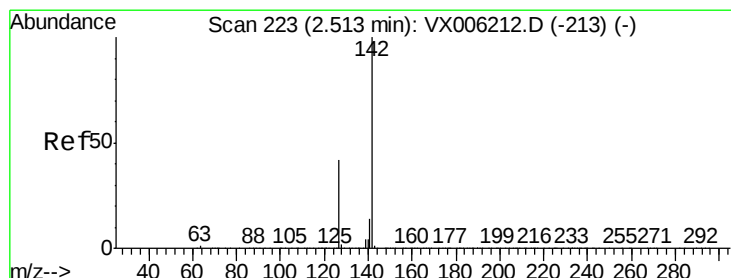
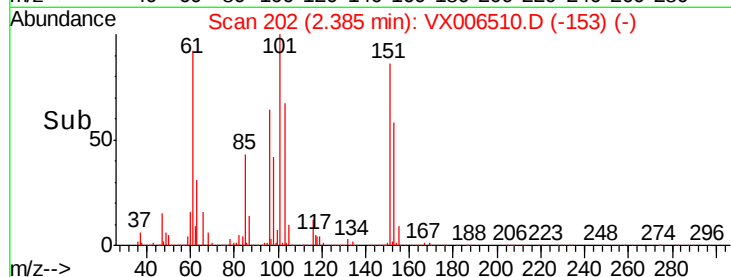
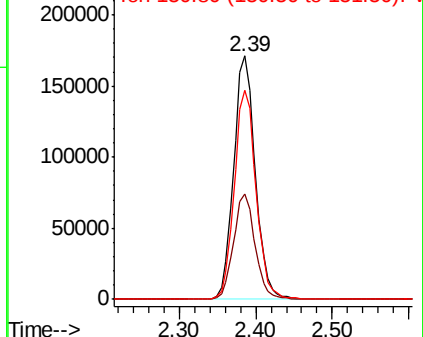
101 100

85 43.0 35.5 53.3

151 86.6 68.6 103.0



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: 55.030 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

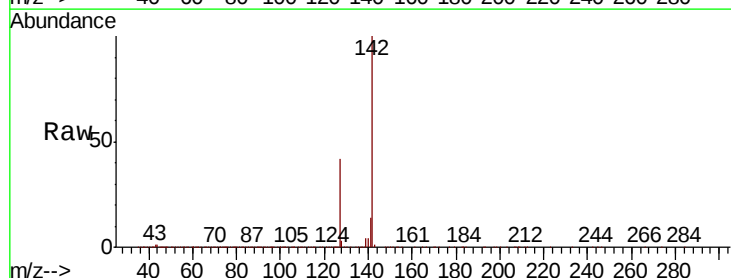
Tgt Ion:142 Resp: 509325

Ion Ratio Lower Upper

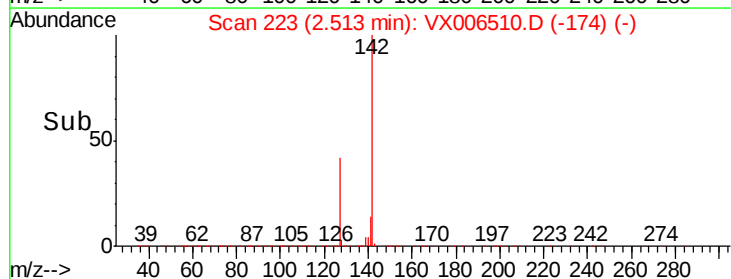
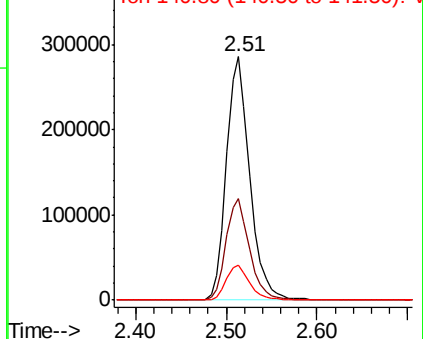
142 100

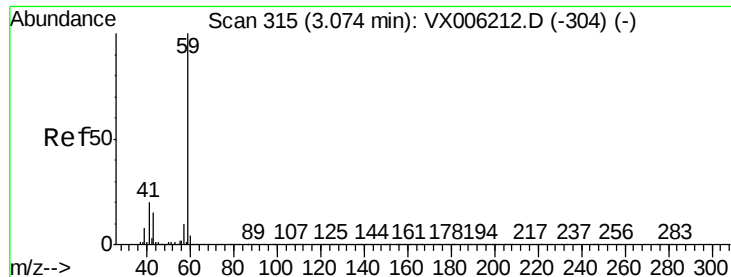
127 42.0 34.8 52.2

141 14.2 11.4 17.2



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



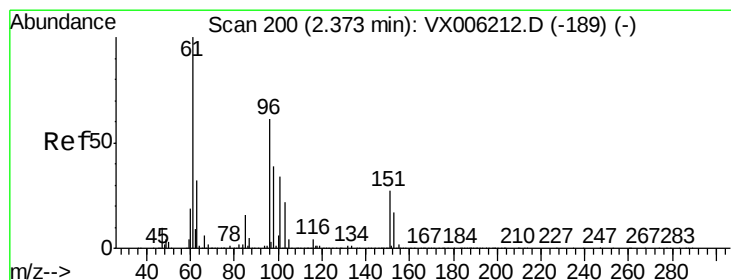
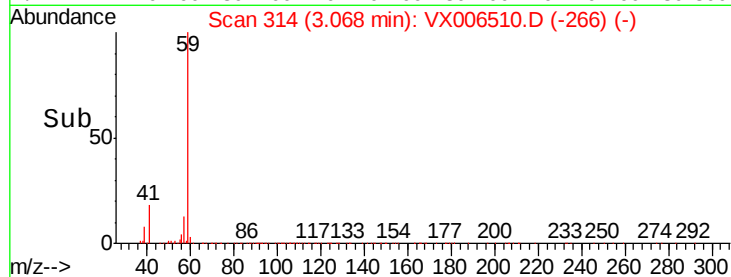
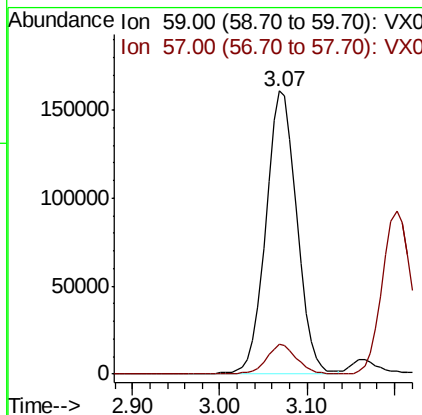
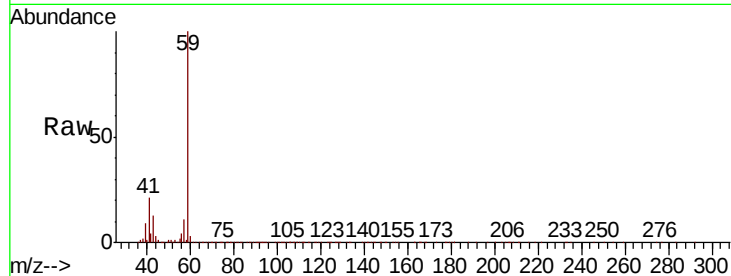


#11

Tert butyl alcohol
 Concen: 218.852 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :

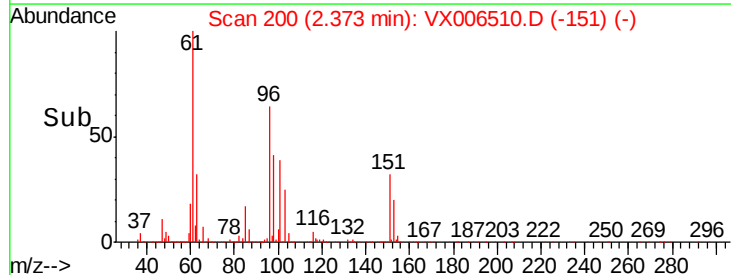
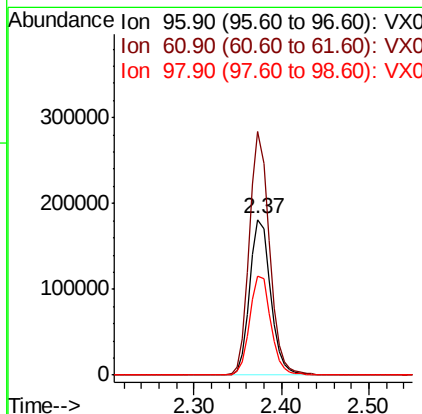
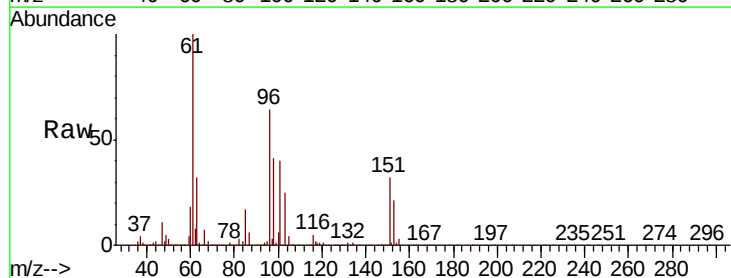
Tot Ion: 59 Resp: 396977
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

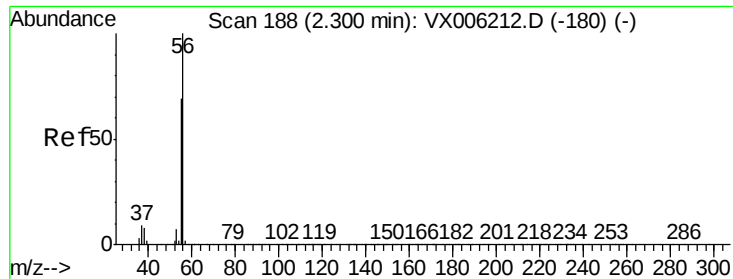


#12

1,1-Dichloroethene
 Concen: 50.795 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion: 96 Resp: 298632
 Ion Ratio Lower Upper
 96 100
 61 156.5 131.7 197.5
 98 64.0 51.8 77.6

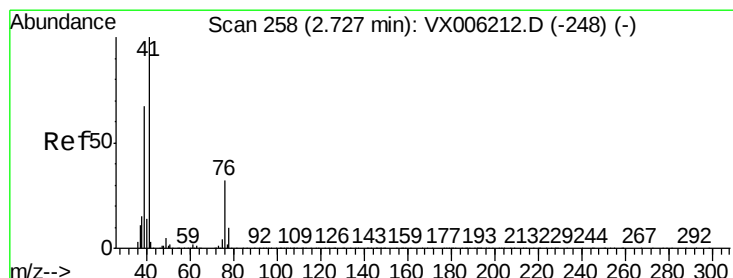
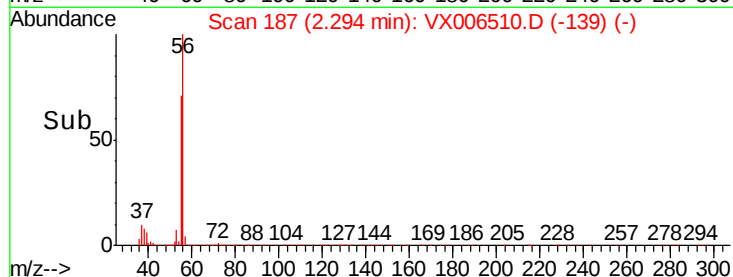
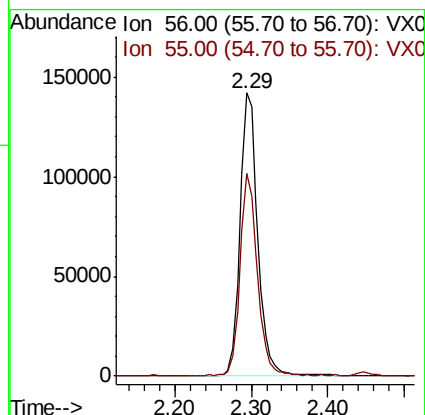
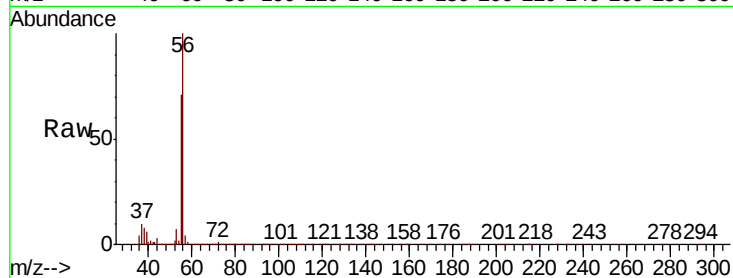




#13
Acrolein
Concen: 227.933 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

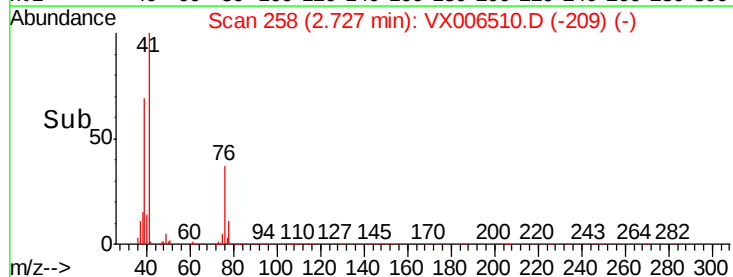
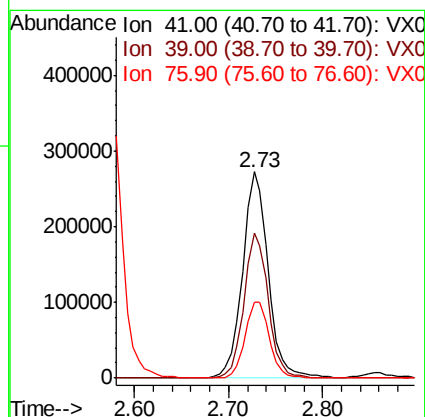
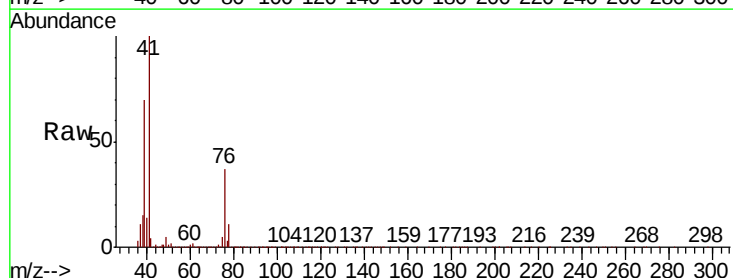
Instrument :
MSVOA_X
ClientSampleId :

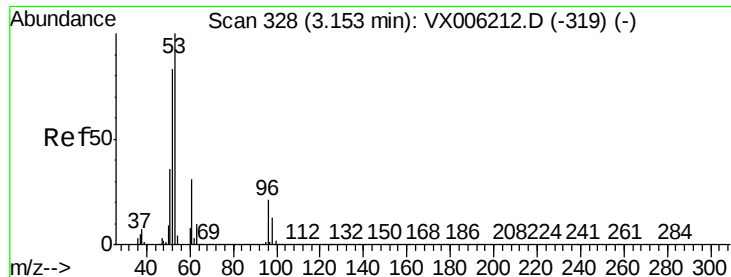
Tot Ion: 56 Resp: 225976
Ion Ratio Lower Upper
56 100
55 70.3 57.8 86.6



#14
Allyl chloride
Concen: 44.238 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 41 Resp: 513767
Ion Ratio Lower Upper
41 100
39 66.5 52.4 78.6
76 35.4 25.4 38.0





#15

Acrylonitrile

Concen: 230.774 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

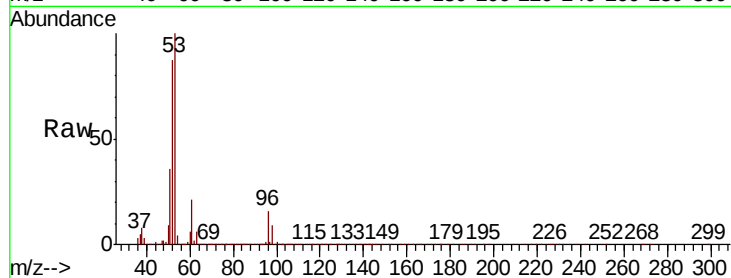
Tot Ion: 53 Resp: 873522

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.4

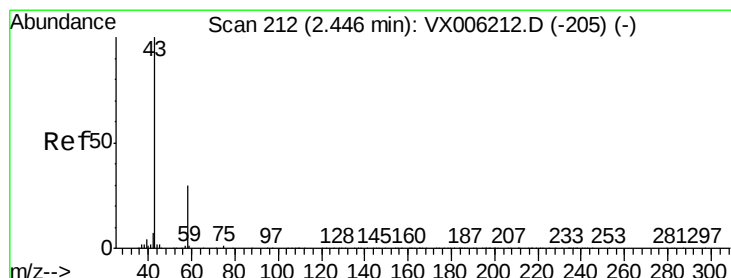
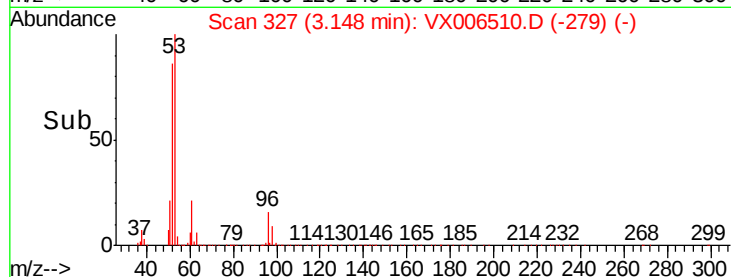
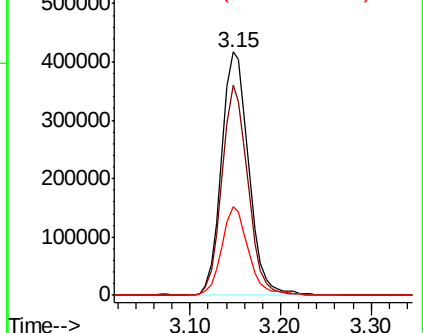
51 35.6 28.7 43.1



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: 245.987 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006510.D

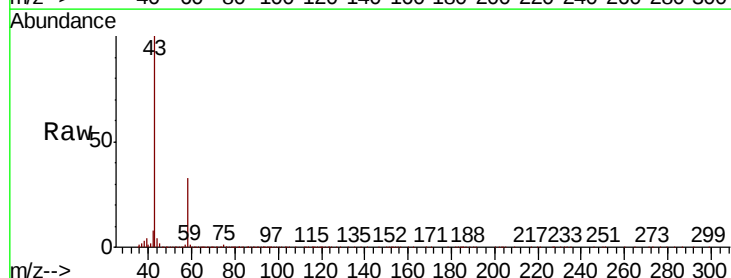
Acq: 14 Dec 2018 11:33

Tgt Ion: 43 Resp: 765686

Ion Ratio Lower Upper

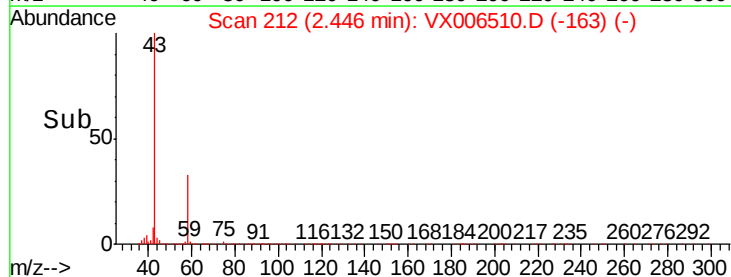
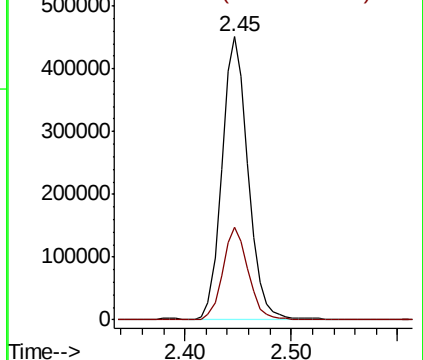
43 100

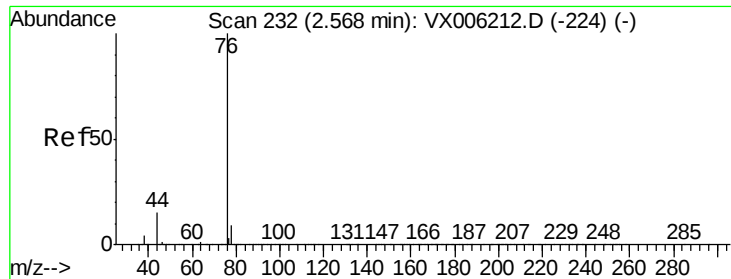
58 32.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

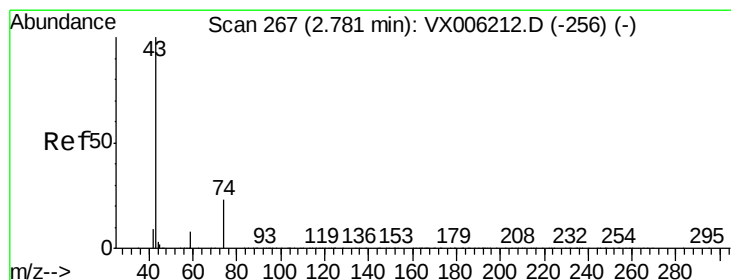
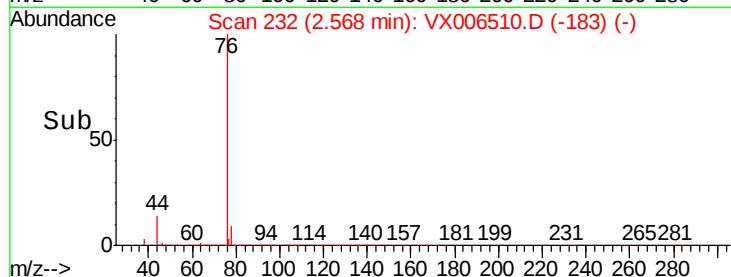
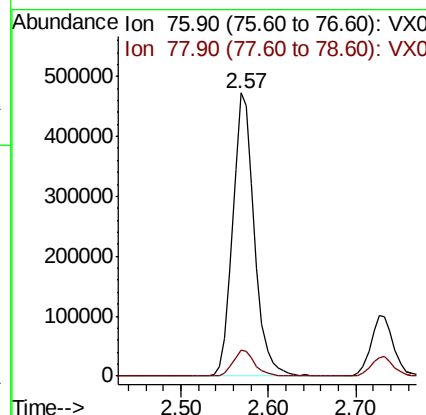
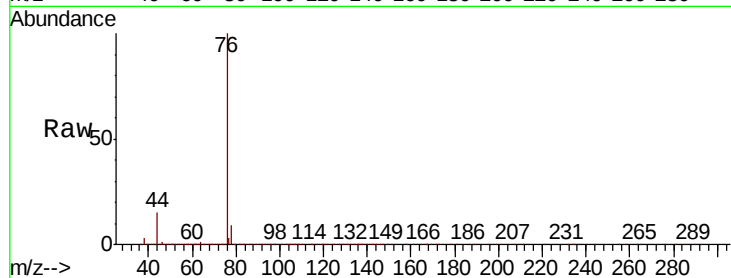




#17
Carbon Disulfide
Concen: 44.625 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

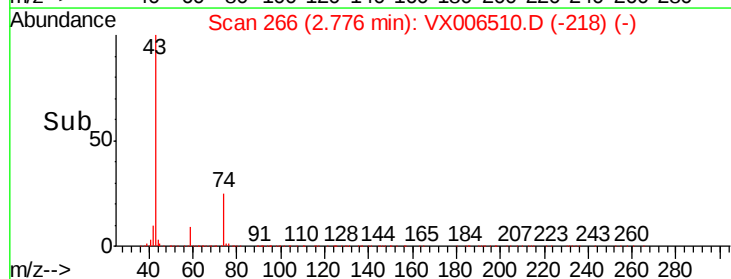
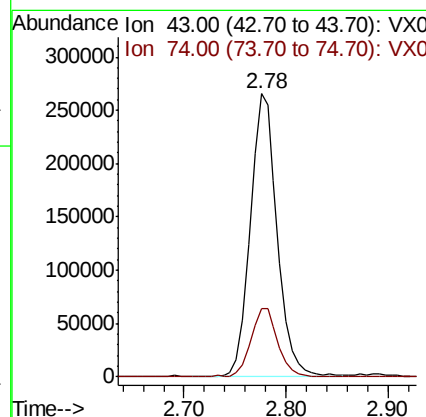
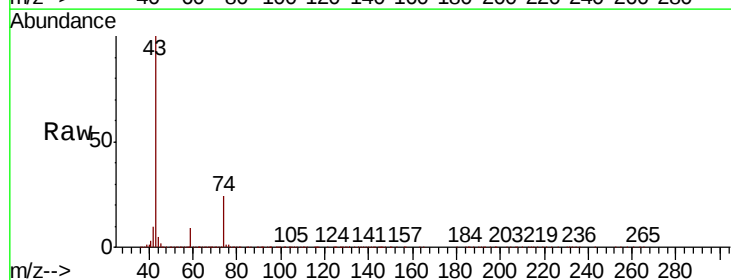
Instrument :
MSVOA_X
ClientSampleId :

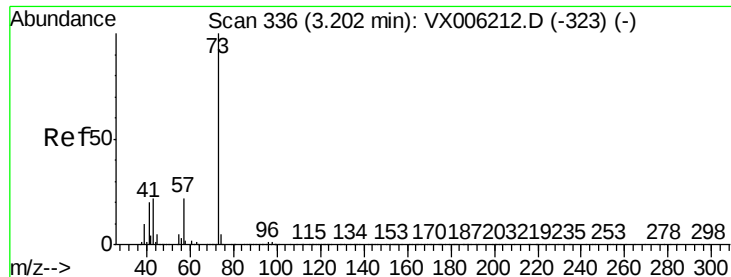
Tot Ion: 76 Resp: 808450
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 46.427 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 43 Resp: 483279
Ion Ratio Lower Upper
43 100
74 24.6 17.9 26.9

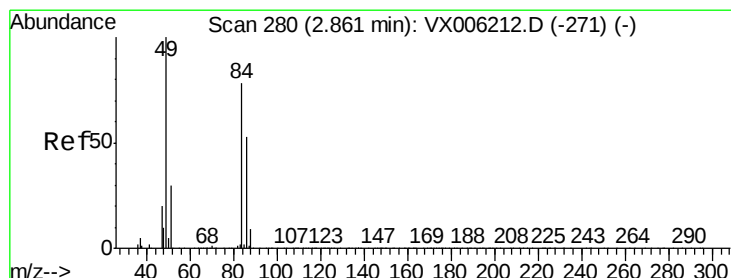
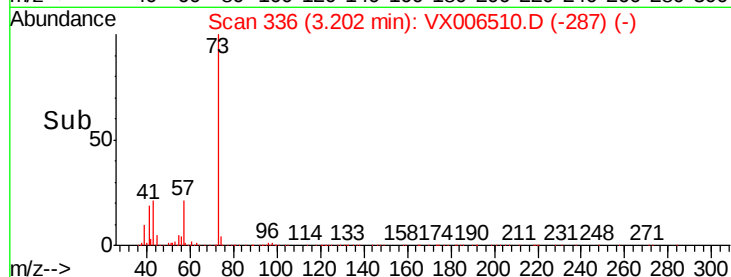
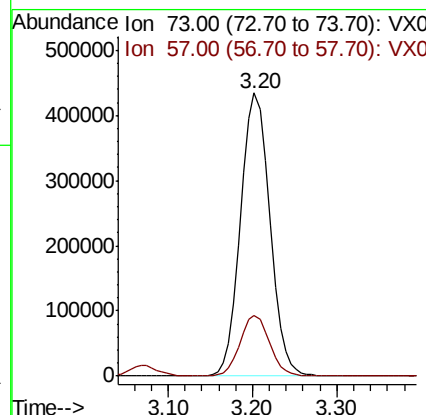
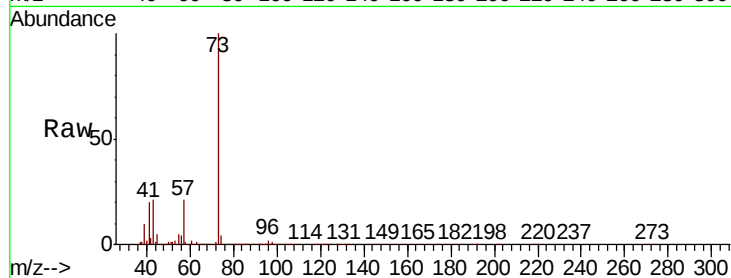




#19
Methvl tert-butvl Ether
Concen: 48.704 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

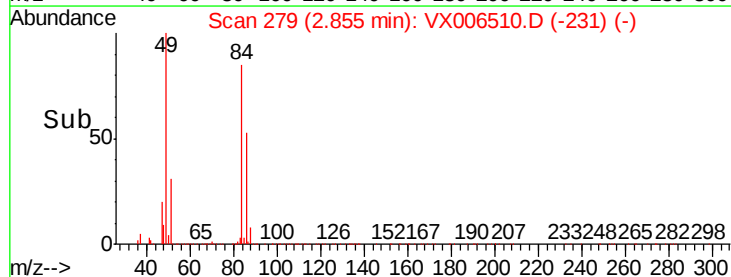
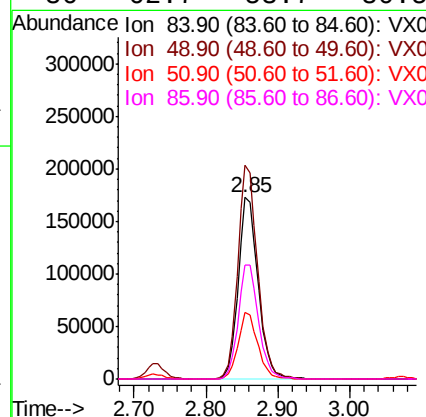
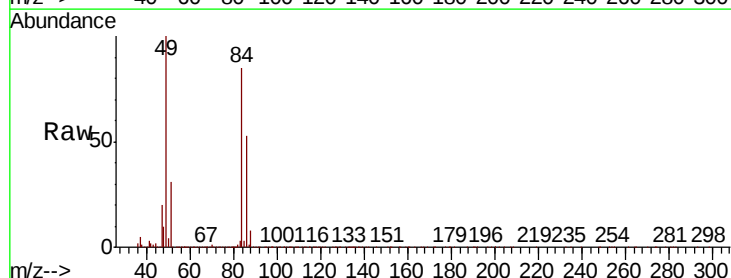
Instrument :
MSVOA_X
ClientSampleId :

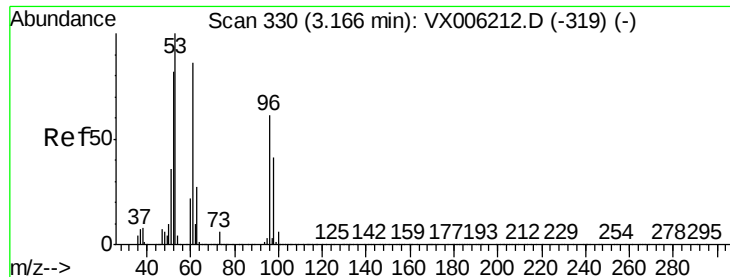
Tot Ion: 73 Resp: 1021493
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 50.052 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 84 Resp: 331577
Ion Ratio Lower Upper
84 100
49 117.7 102.2 153.4
51 36.6 31.1 46.7
86 62.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 51.560 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :
MSVOA_X
ClientSampled :

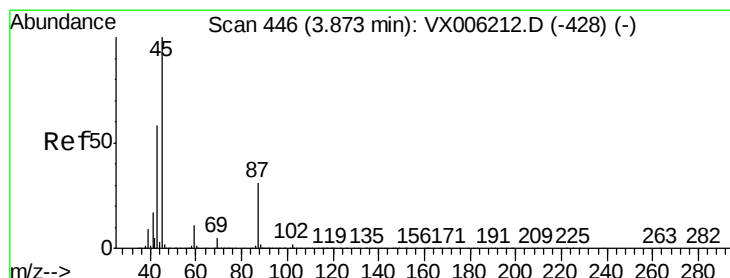
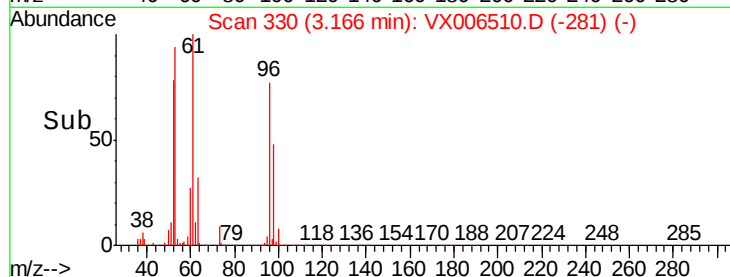
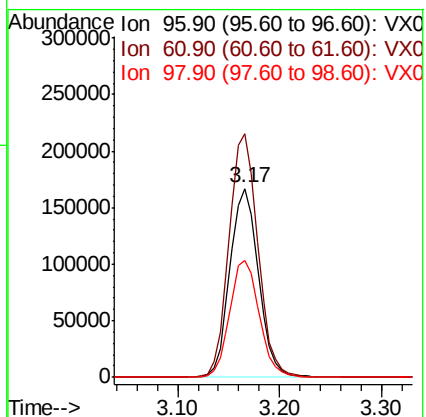
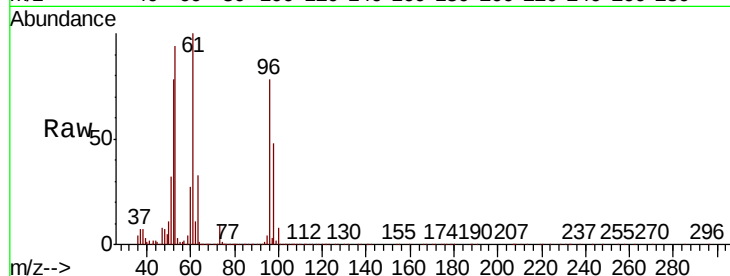
Tot Ion: 96 Resp: 323036

Ion Ratio Lower Upper

96 100

61 128.9 113.3 169.9

98 62.0 53.2 79.8



#22

Diisopropyl ether

Concen: 51.081 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Tgt Ion: 45 Resp: 926612

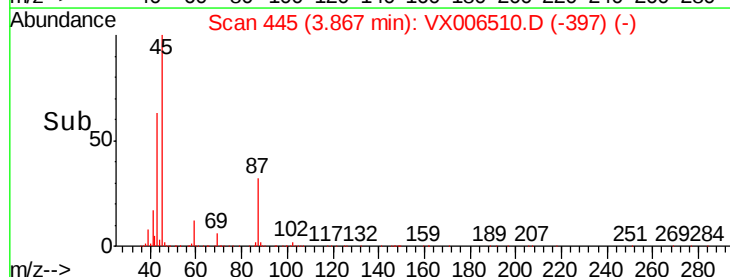
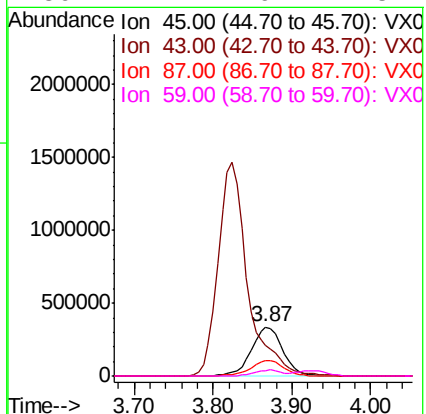
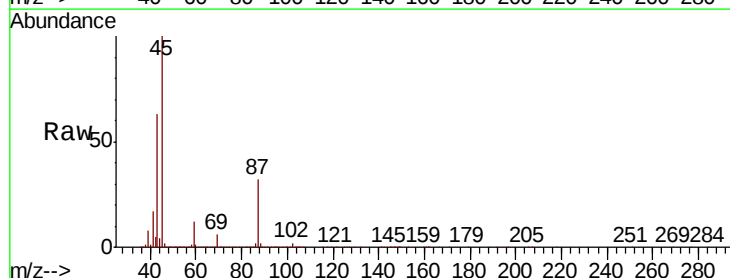
Ion Ratio Lower Upper

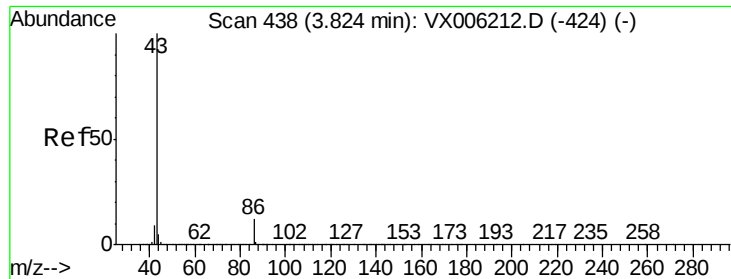
45 100

43 62.3 46.2 69.2

87 31.7 24.9 37.3

59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 248.134 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

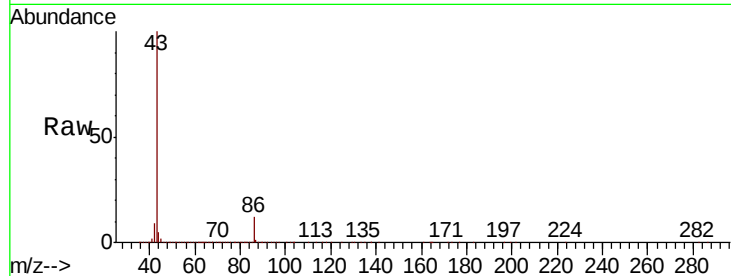
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3839154

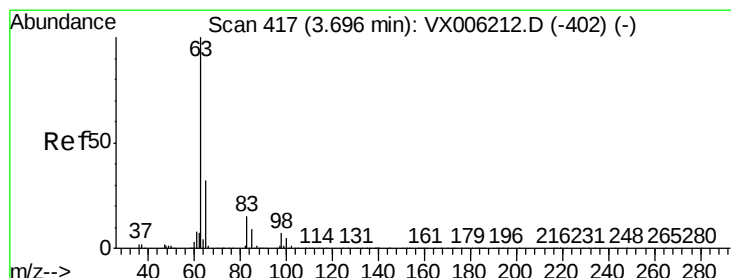
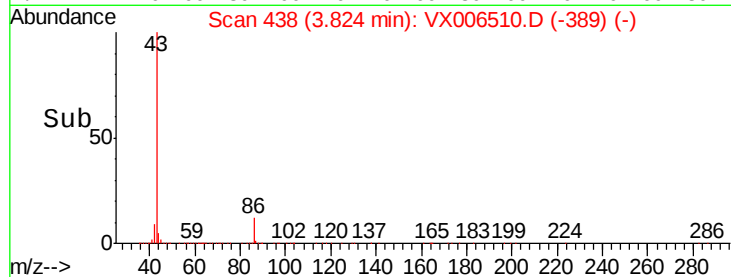
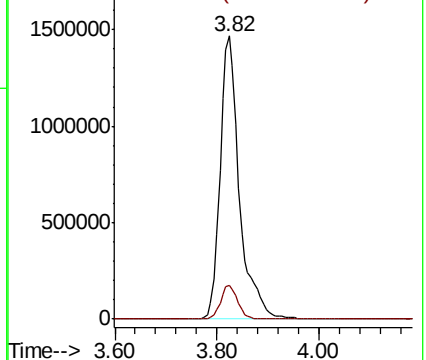
Ion Ratio Lower Upper

43 100

86 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.328 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

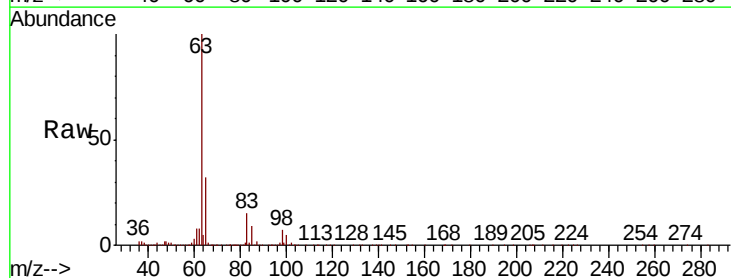
Tgt Ion: 63 Resp: 532194

Ion Ratio Lower Upper

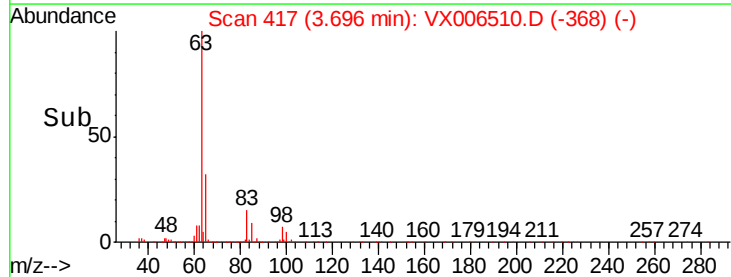
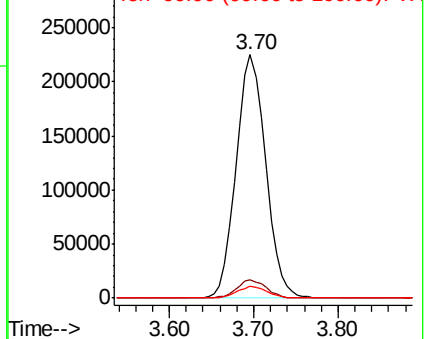
63 100

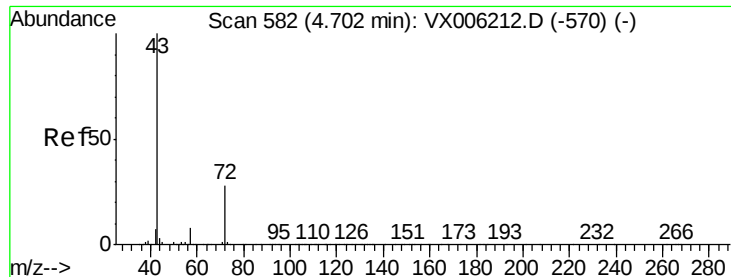
98 7.4 3.8 11.4

100 4.7 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0

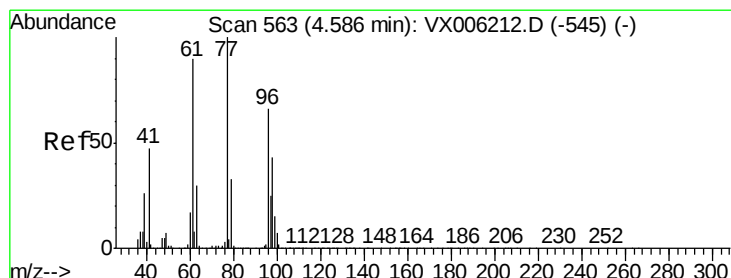
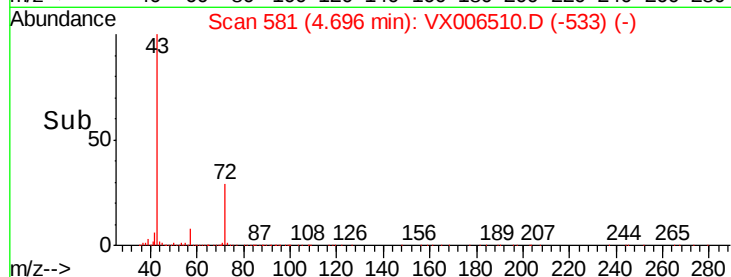
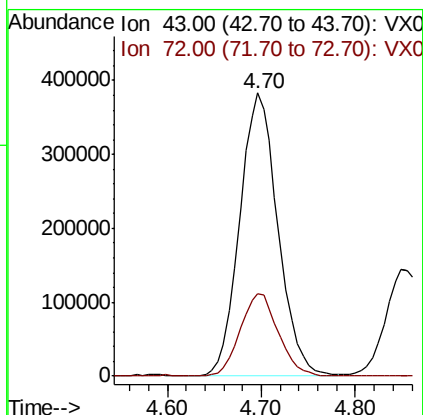
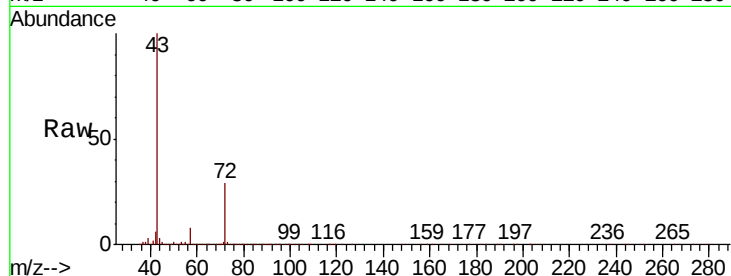




#25
2-Butanone
Concen: 243.806 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

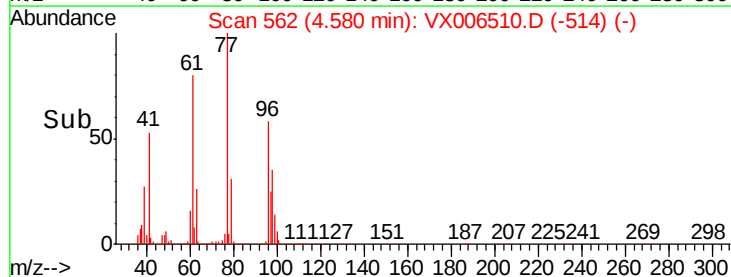
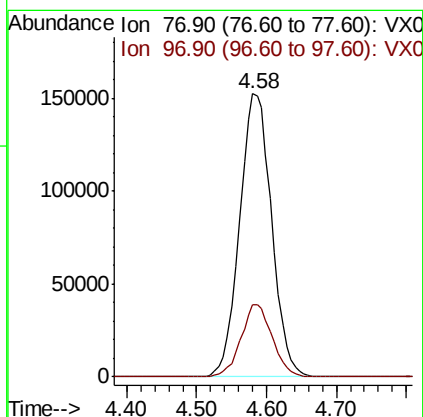
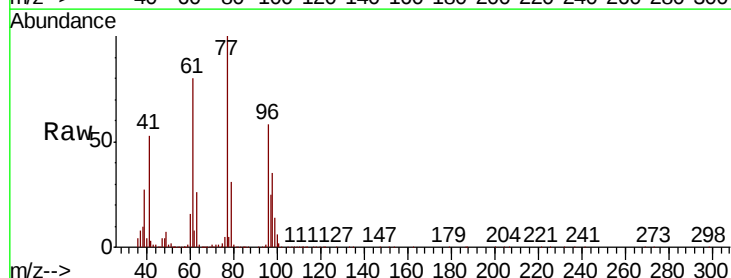
Instrument :
MSVOA_X
ClientSampled :

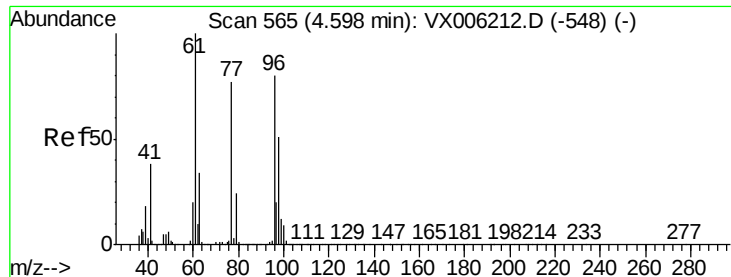
Tot Ion: 43 Resp: 1082836
Ion Ratio Lower Upper
43 100
72 29.2 22.6 33.8



#26
2,2-Dichloropropane
Concen: 50.552 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 77 Resp: 483726
Ion Ratio Lower Upper
77 100
97 25.1 12.3 36.8



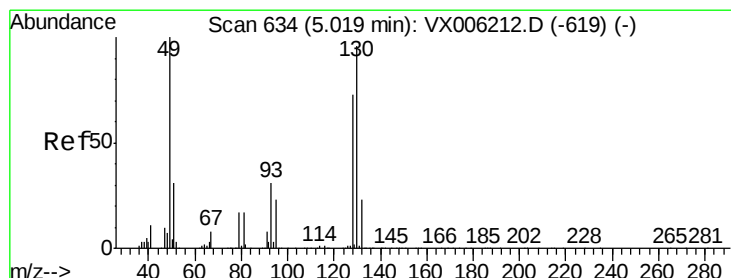
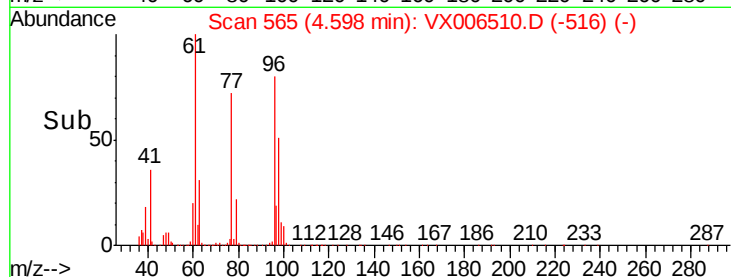
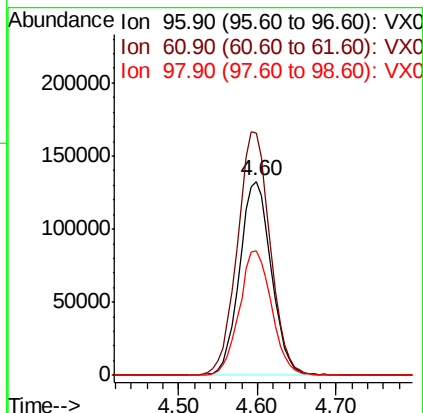
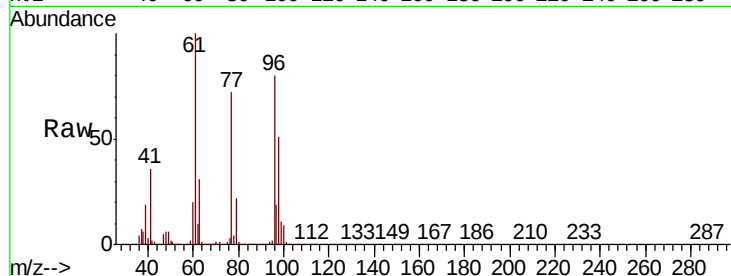


#27

cis-1,2-Dichloroethene
 Concen: 53.343 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :

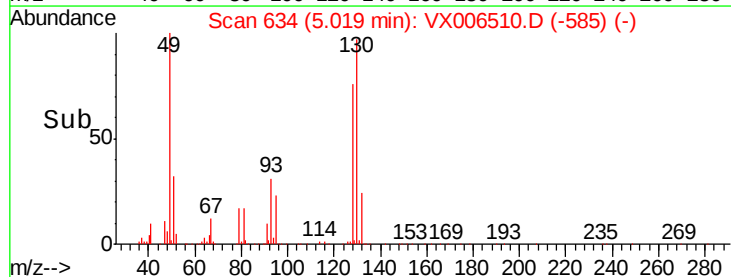
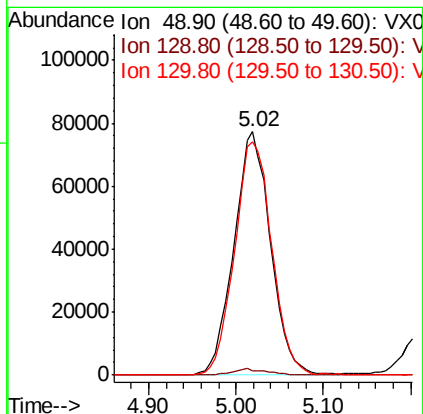
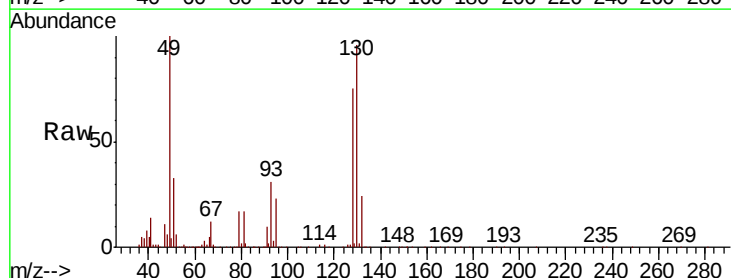
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	265.0
98	65.0	0.0	130.2

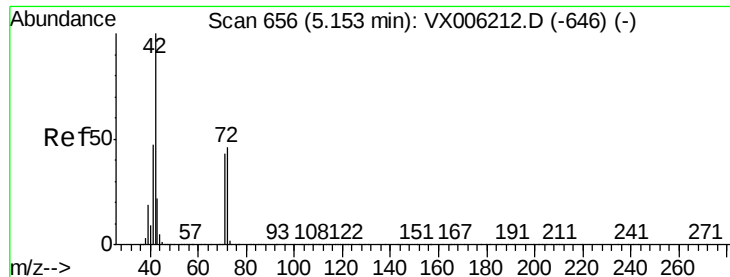


#28

Bromochloromethane
 Concen: 49.495 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	98.0	78.3	117.5

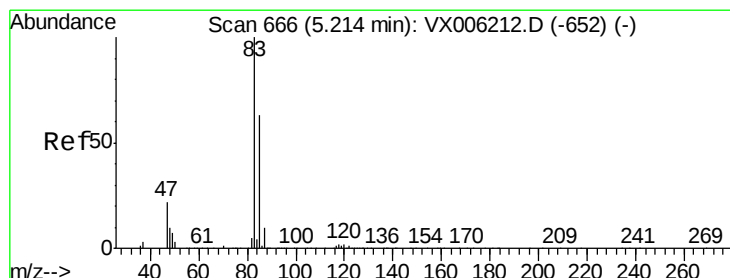
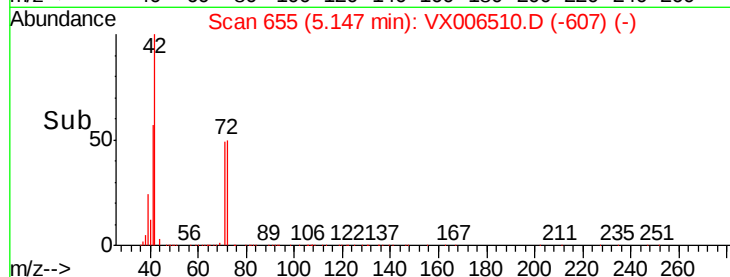
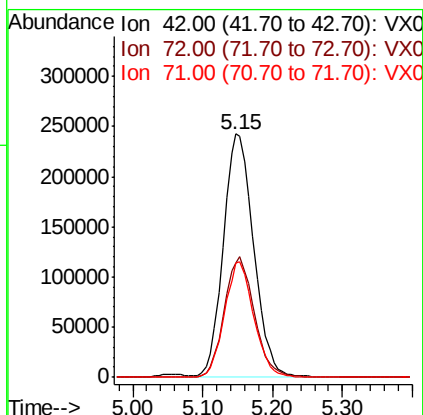
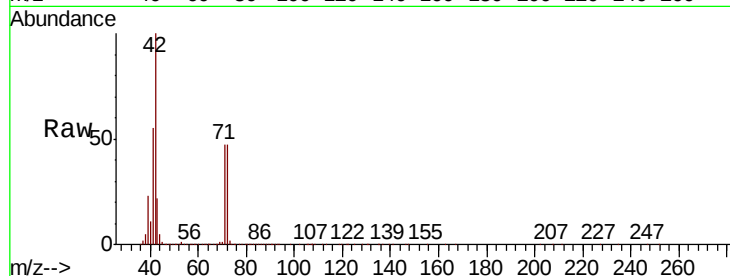




#29
Tetrahydrofuran
Concen: 235.778 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

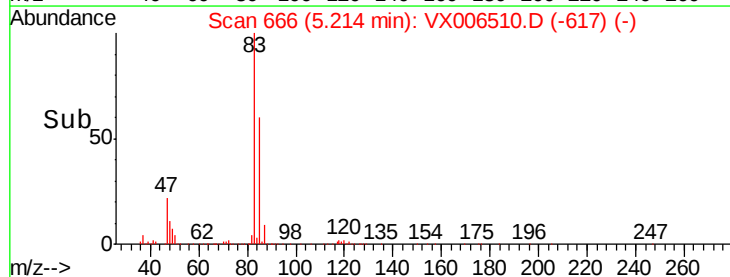
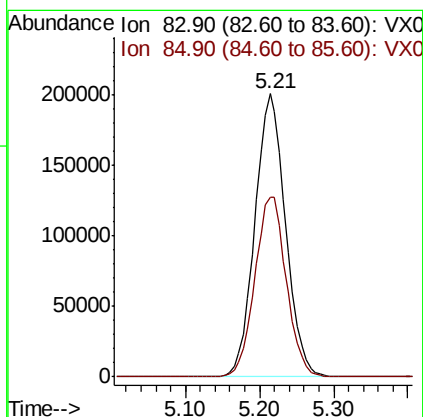
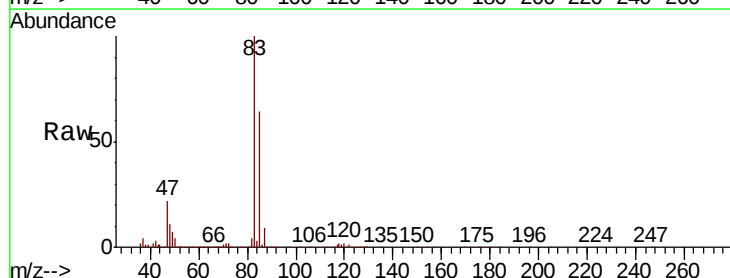
Instrument :
MSVOA_X
ClientSampleId :

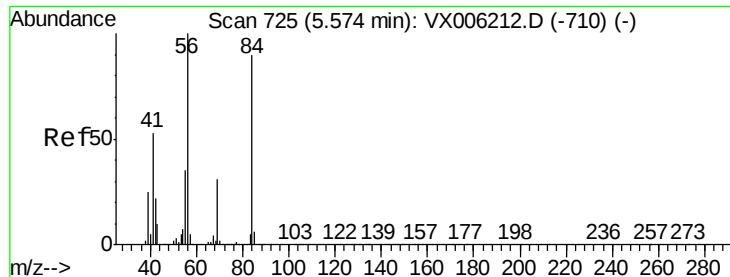
Tot Ion: 42 Resp: 727790
Ion Ratio Lower Upper
42 100
72 49.3 37.8 56.8
71 46.0 35.2 52.8



#30
Chloroform
Concen: 52.981 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 83 Resp: 577285
Ion Ratio Lower Upper
83 100
85 63.5 50.3 75.5

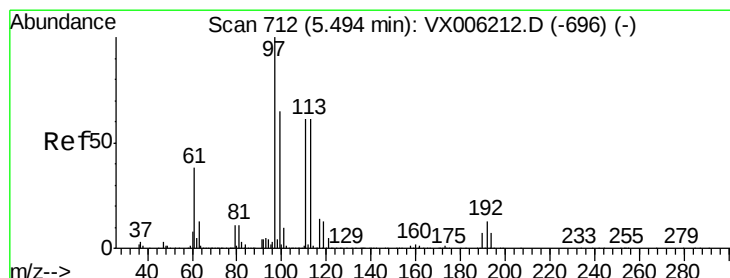
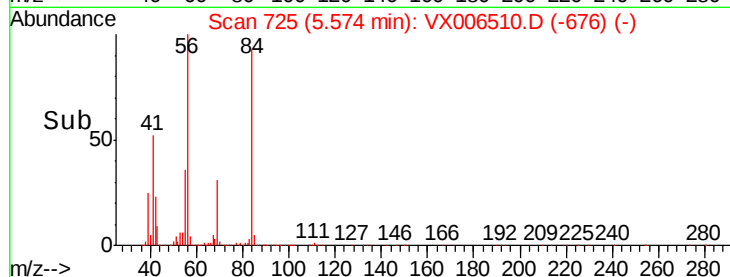
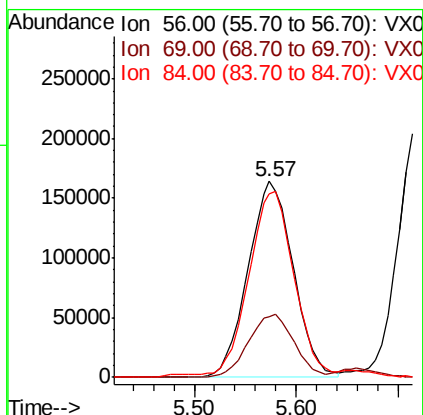
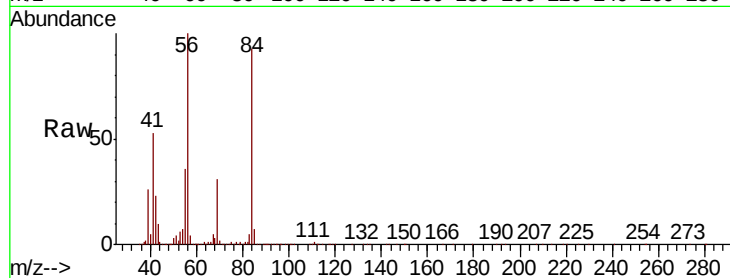




#31
Cyclohexane
Concen: 52.577 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

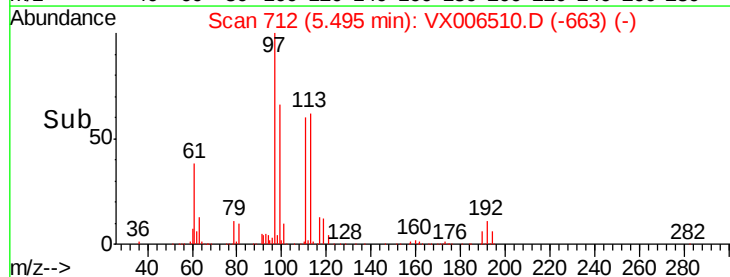
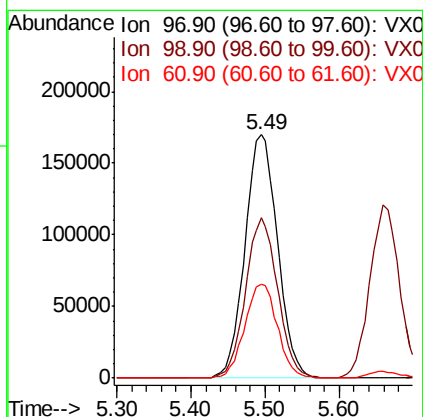
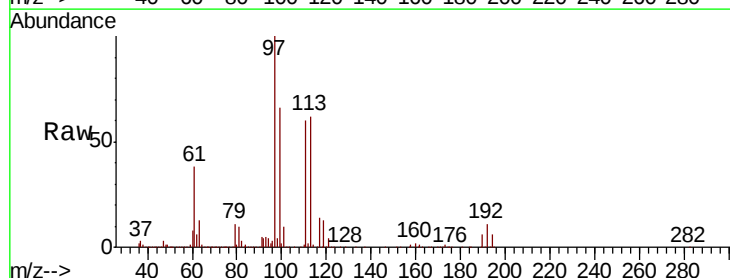
Instrument :
MSVOA_X
ClientSampleId :

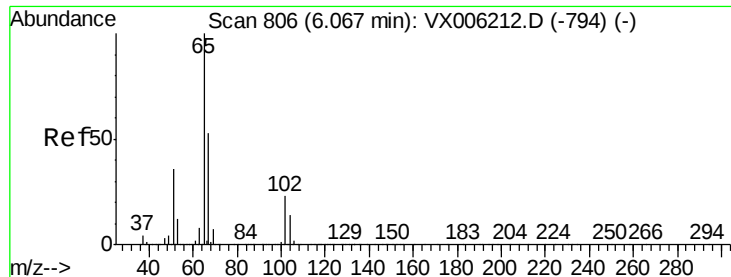
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.5	36.7
84	92.1	71.8	107.6



#32
1,1,1-Trichloroethane
Concen: 50.489 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	38.8	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 49.579 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

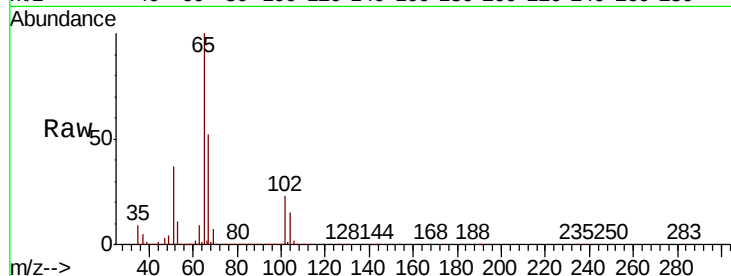
ClientSampleId :

Tot Ion: 65 Resp: 328844

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

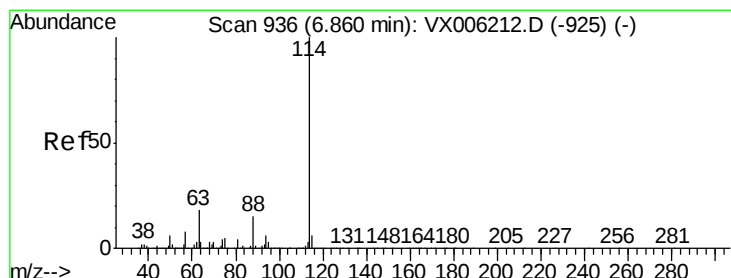
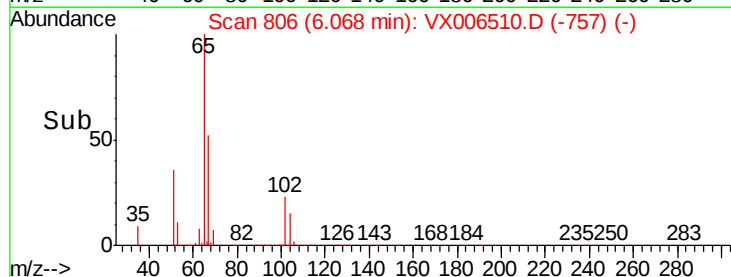
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

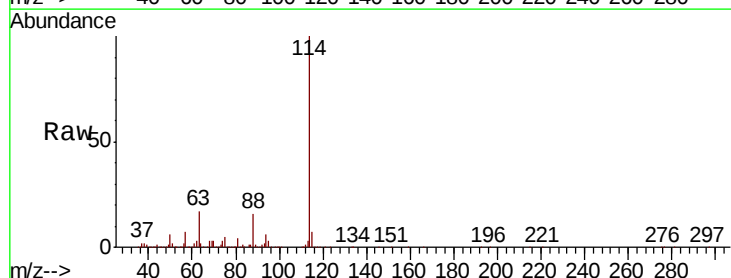
Tgt Ion: 114 Resp: 988366

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.7 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

300000

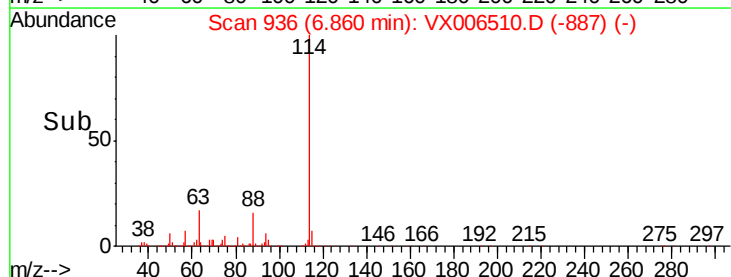
200000

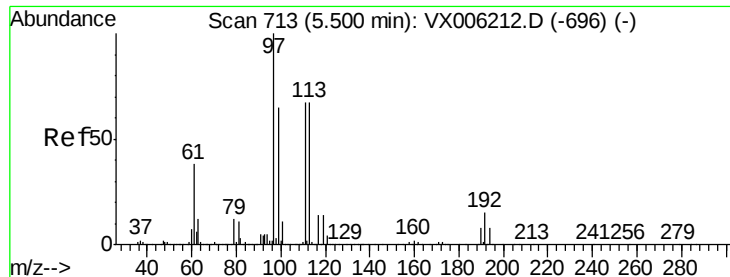
100000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 49.074 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :

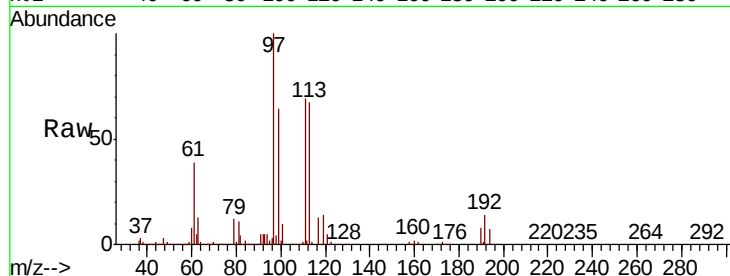
Tot Ion:113 Resp: 314041

Ion Ratio Lower Upper

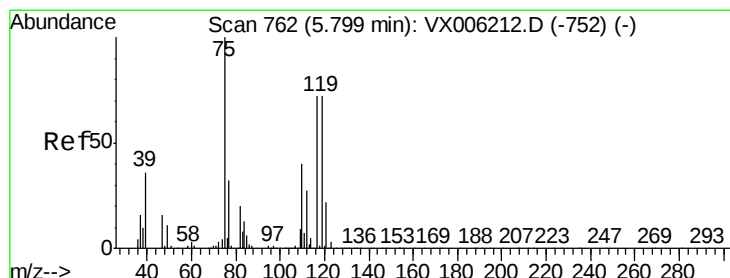
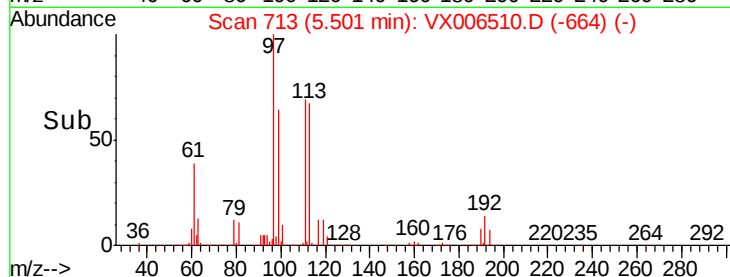
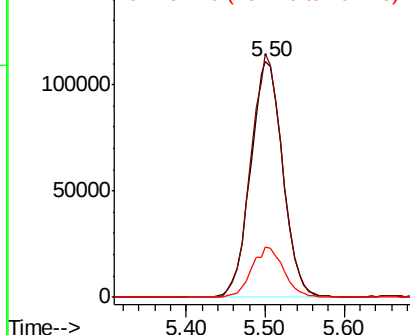
113 100

111 101.4 81.1 121.7

192 21.2 18.2 27.2



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: 52.460 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

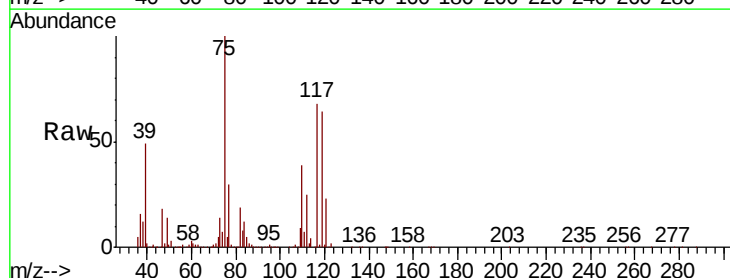
Tgt Ion: 75 Resp: 436623

Ion Ratio Lower Upper

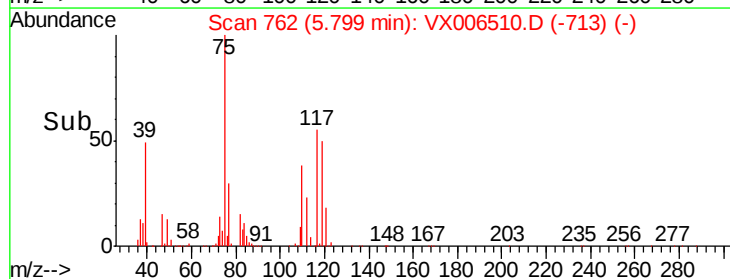
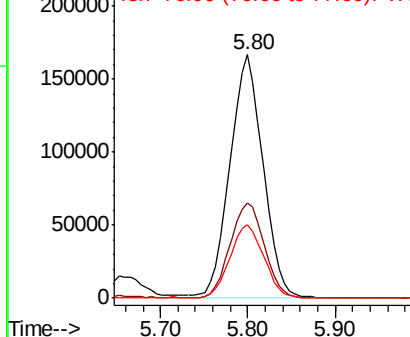
75 100

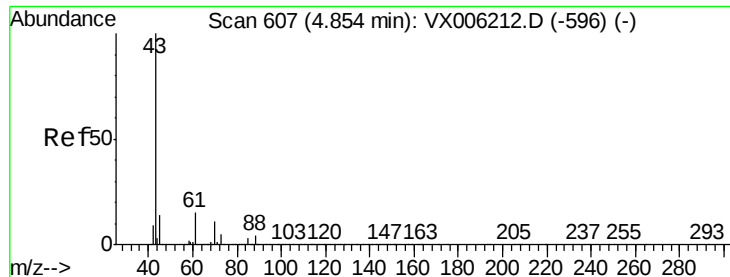
110 40.5 20.4 61.3

77 31.0 24.9 37.3



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

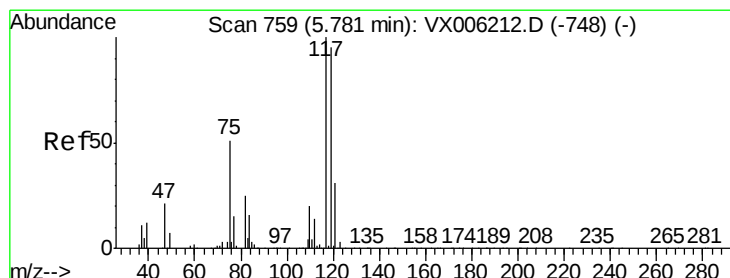
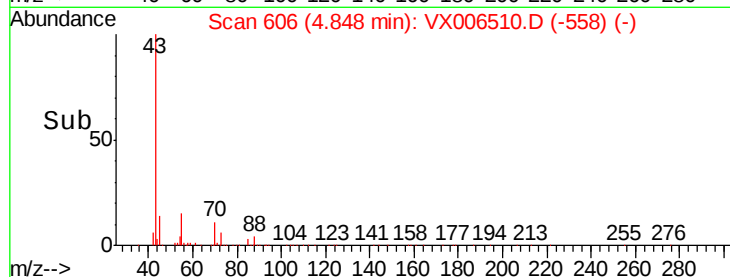
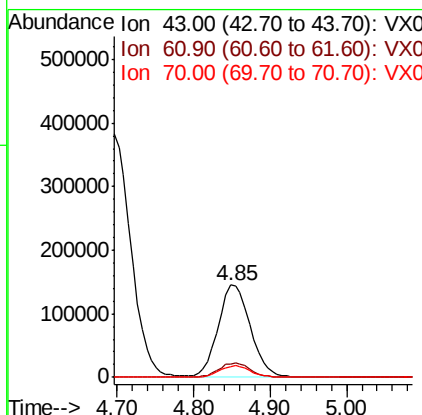
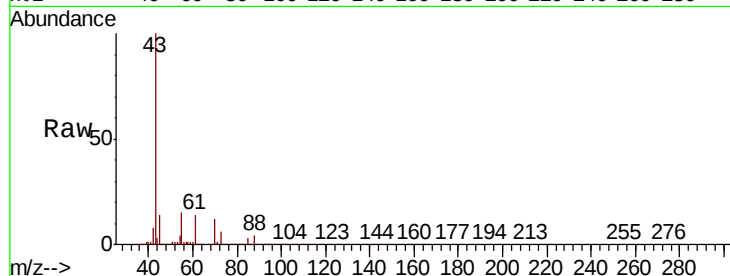




#37
Ethyl Acetate
Concen: 45.615 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

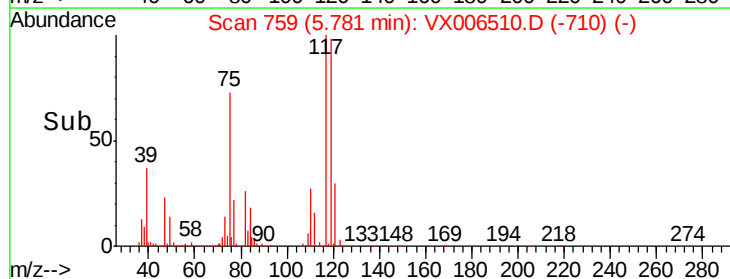
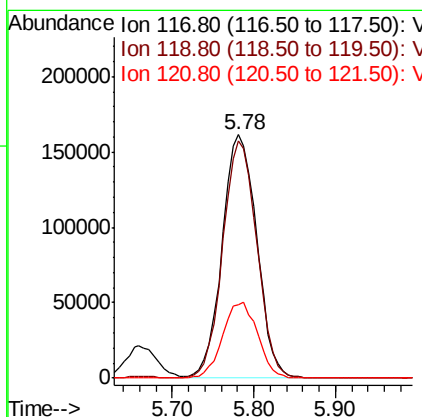
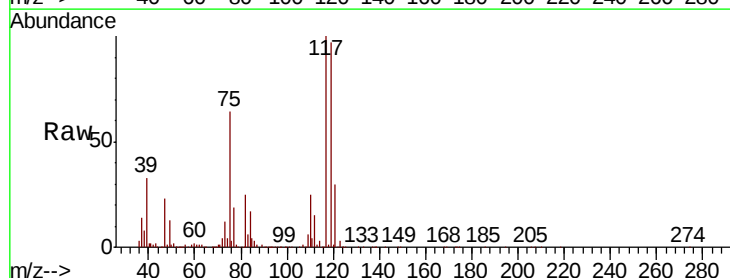
Instrument :
MSVOA_X
ClientSampled :

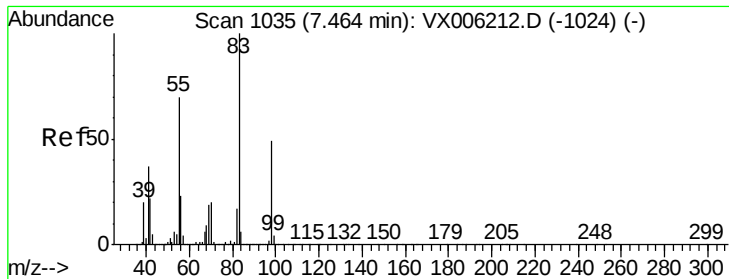
Tot Ion	43	Resp	425167
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.5	17.3
70	12.3	9.0	13.6



#38
Carbon Tetrachloride
Concen: 48.257 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion	117	Resp	472500
Ion Ratio	Lower	Upper	
117	100		
119	97.1	75.8	113.8
121	29.9	24.6	37.0

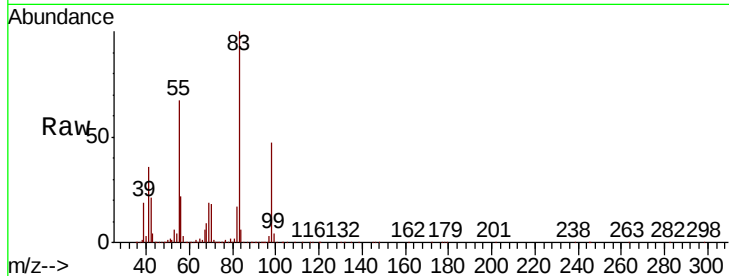




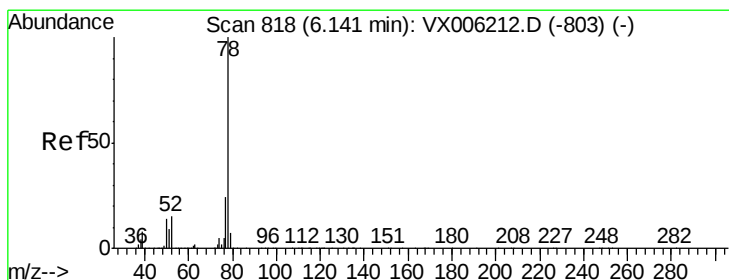
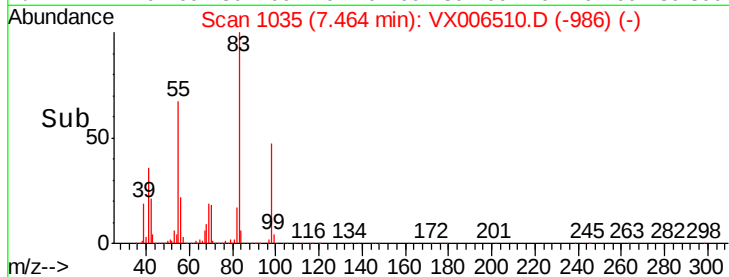
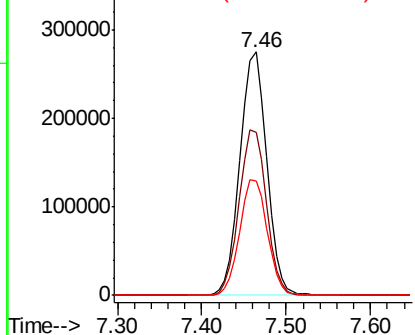
#39
Methvlcvclohexane
Concen: 54.792 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	83.00	Resp	591955
Ion Ratio	Lower	Upper	
83	100		
55	67.1	56.4	84.6
98	47.1	39.0	58.6

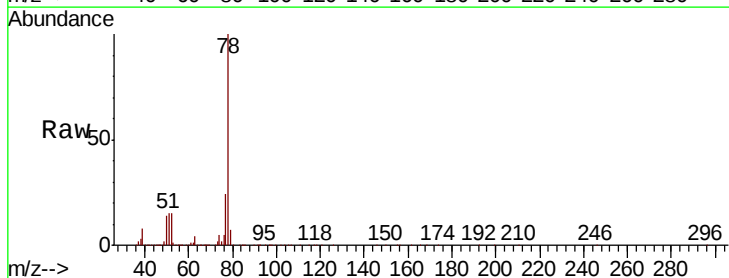


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

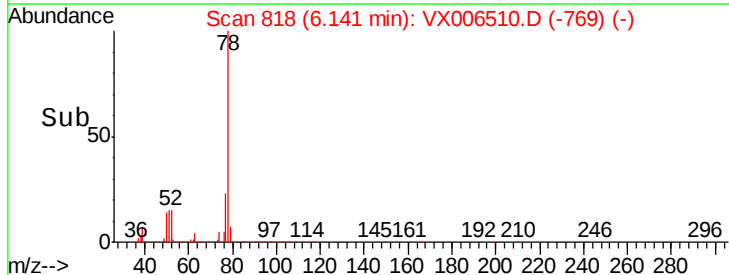
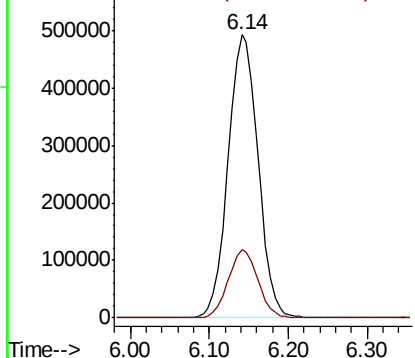


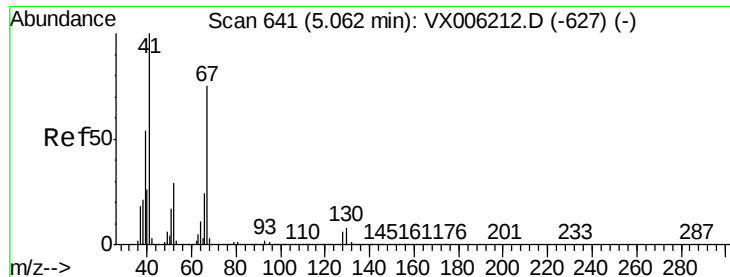
#40
Benzene
Concen: 52.158 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion	78.00	Resp	1300204
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.2	28.8



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





#41

Methacrylonitrile

Concen: 45.823 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 235013

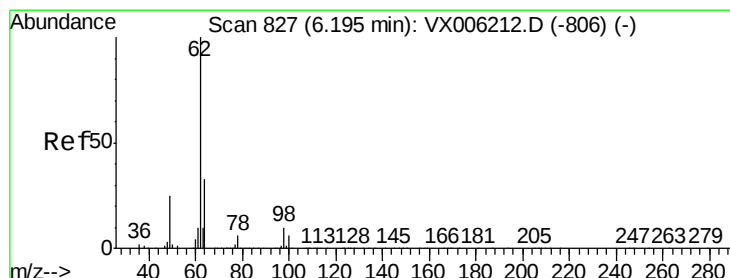
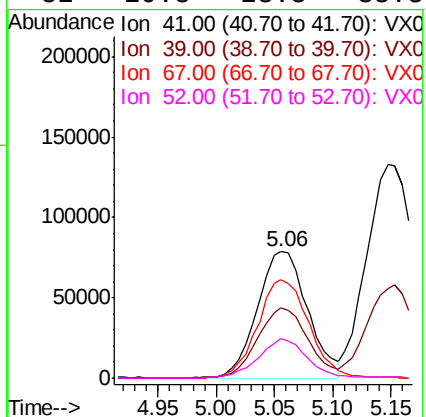
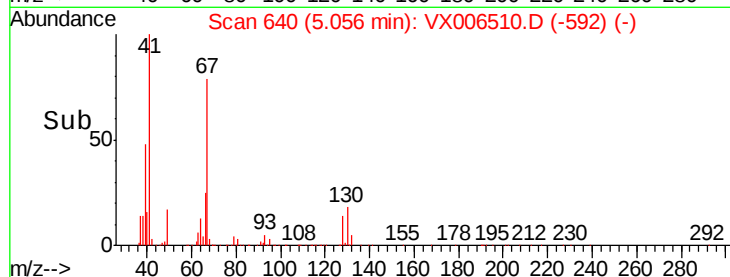
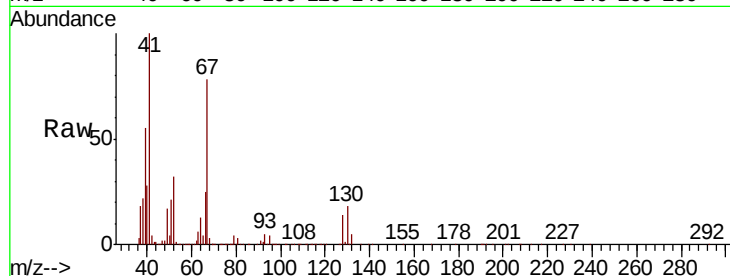
Ion Ratio Lower Upper

41 100

39 55.6 44.0 66.0

67 80.0 61.4 92.0

52 29.8 23.5 35.3



#42

1,2-Dichloroethane

Concen: 52.656 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006510.D

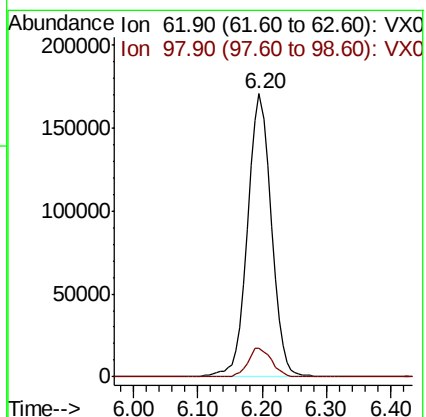
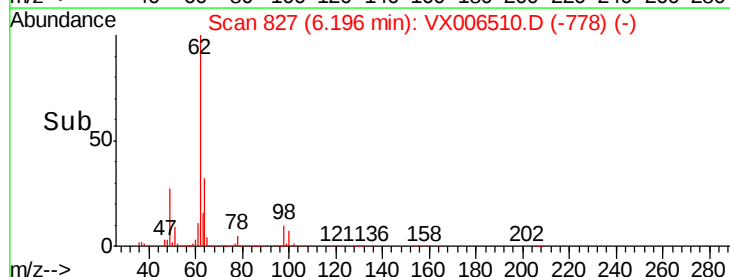
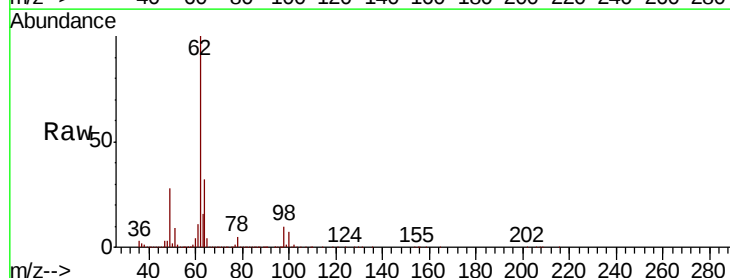
Acq: 14 Dec 2018 11:33

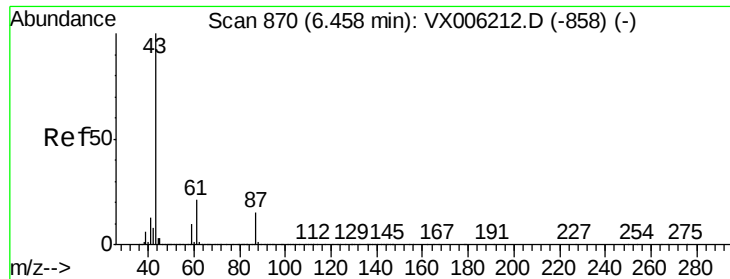
Tgt Ion: 62 Resp: 429598

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.2



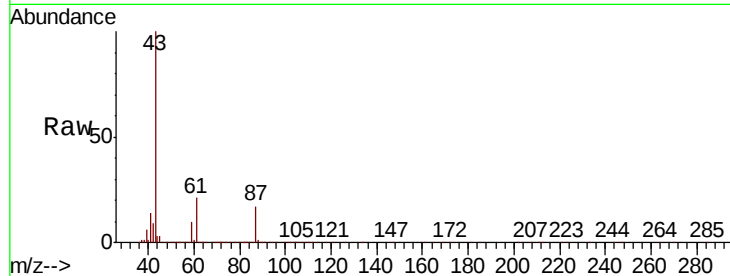


#43

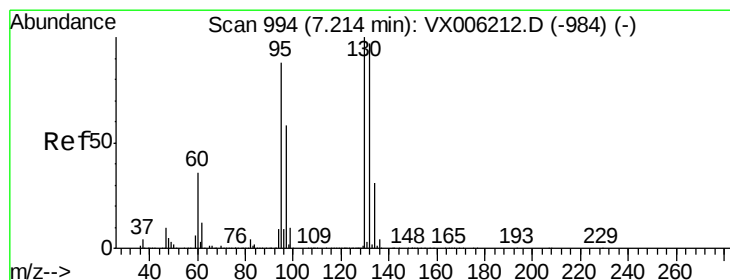
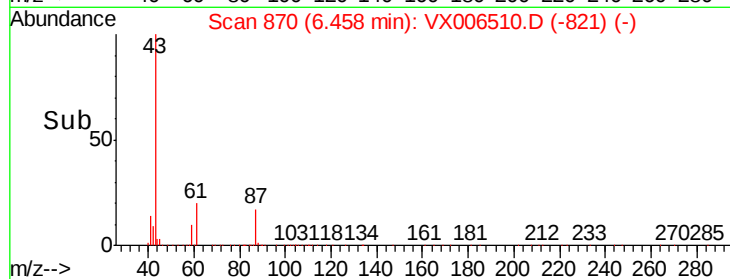
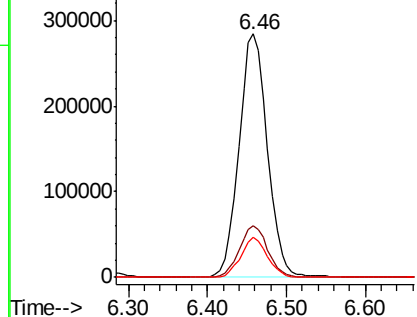
Isopropyl Acetate
 Concen: 45.518 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	707365
Ion Ratio	100	Lower	Upper
61	21.4	16.8	25.2
87	15.6	11.9	17.9



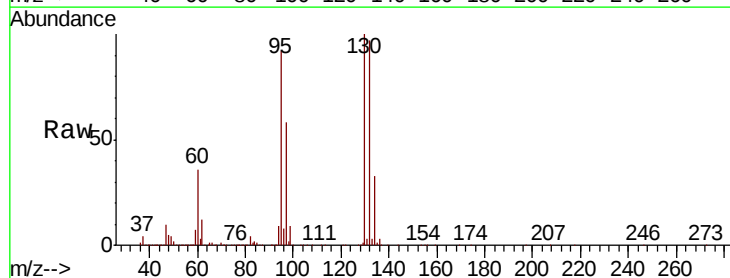
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



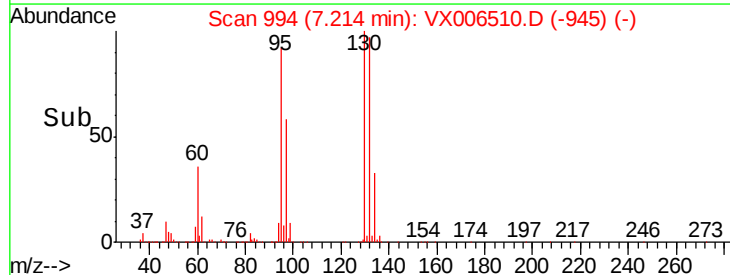
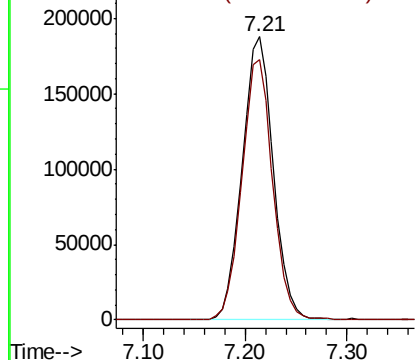
#44

Trichloroethene
 Concen: 52.676 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion	130	Resp	397799
Ion Ratio	100	Lower	Upper
95	92.1	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

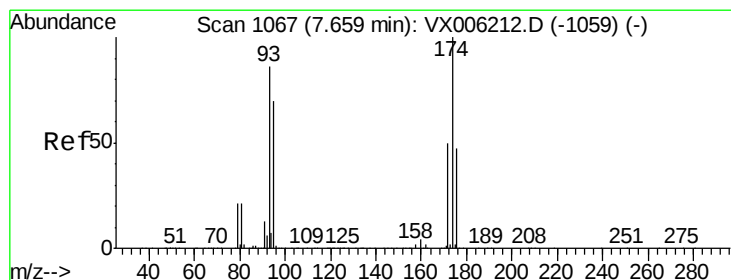
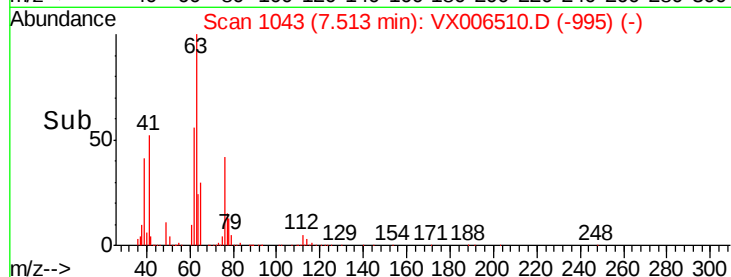
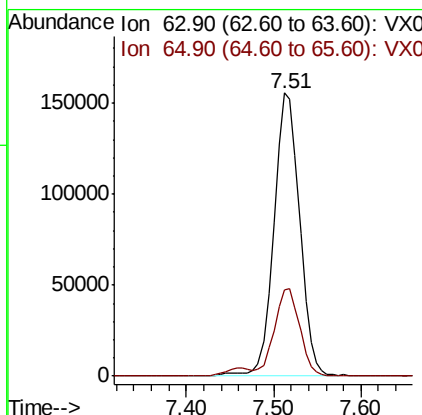
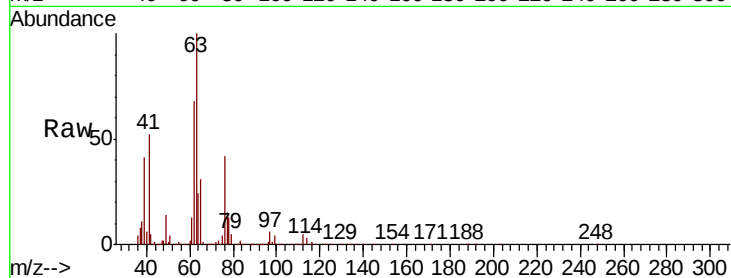




#45
 1,2-Dichloropropane
 Concen: 50.676 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

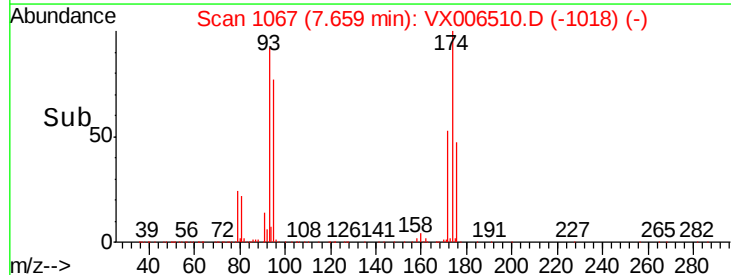
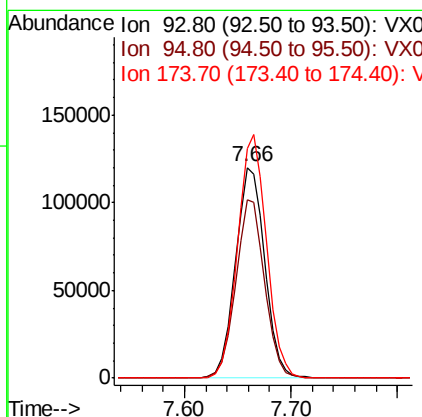
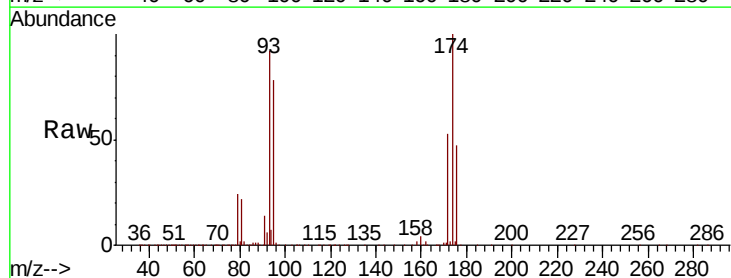
Instrument :
 MSVOA_X
 ClientSampleId :

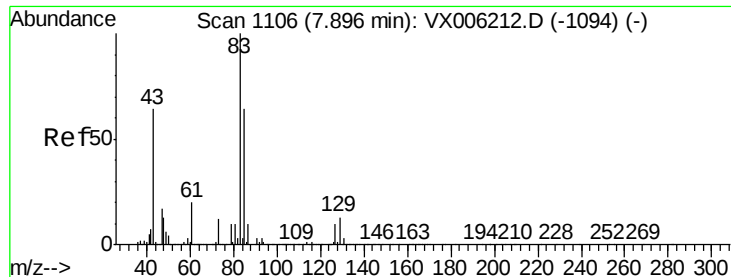
Tot Ion: 63 Resp: 321061
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5



#46
 Dibromomethane
 Concen: 50.899 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion: 93 Resp: 232896
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 114.1 97.2 145.8





#47

Bromodichloromethane

Concen: 48.235 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :

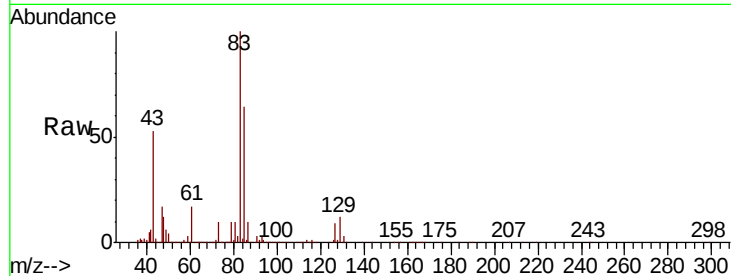
Tot Ion: 83 Resp: 427406

Ion Ratio Lower Upper

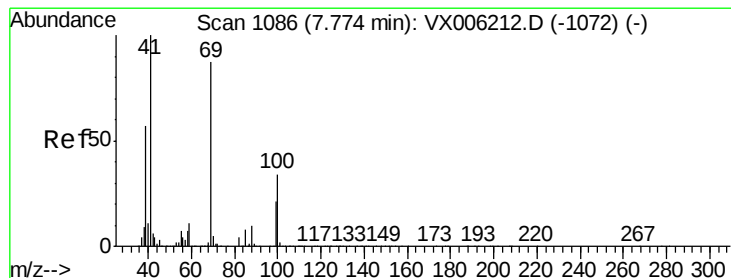
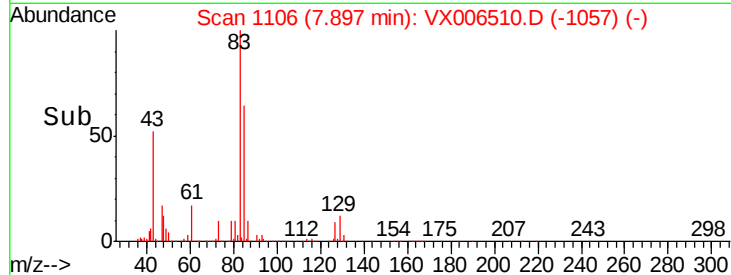
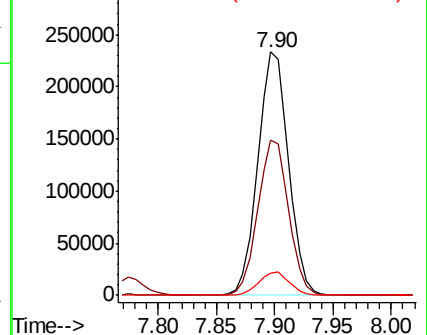
83 100

85 63.6 51.4 77.0

127 9.2 7.9 11.9



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: 47.210 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

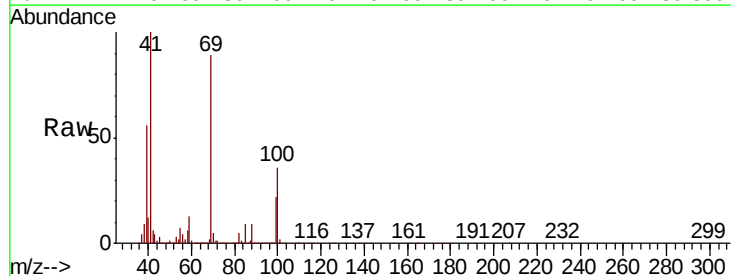
Tgt Ion: 41 Resp: 356914

Ion Ratio Lower Upper

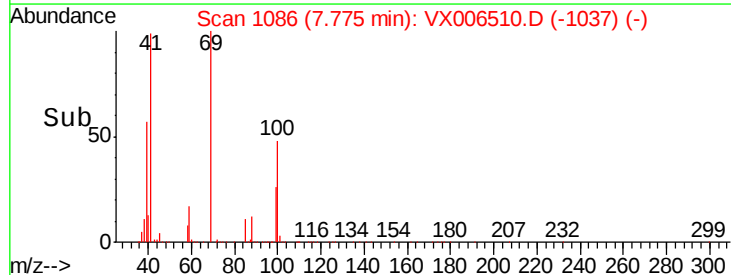
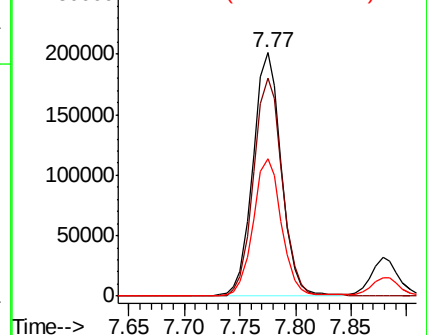
41 100

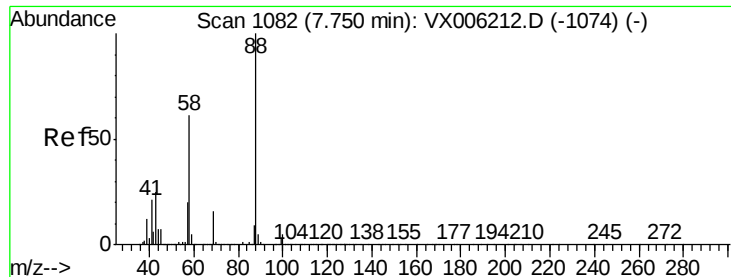
69 91.0 70.3 105.5

39 56.1 45.3 67.9



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

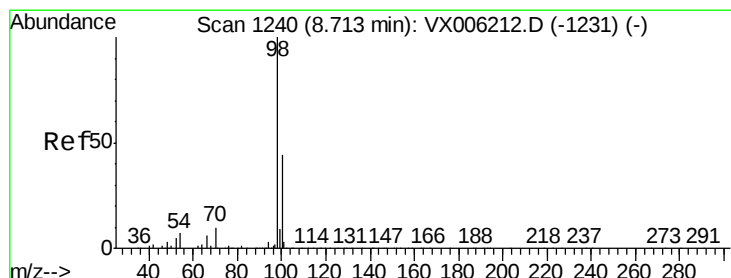
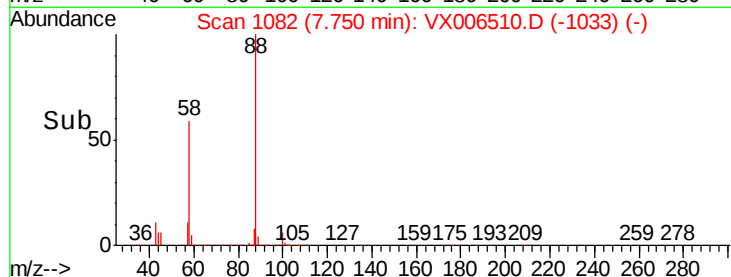
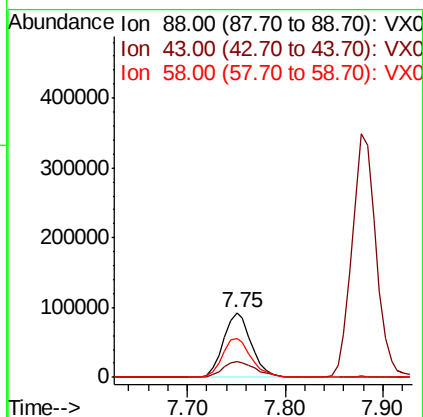
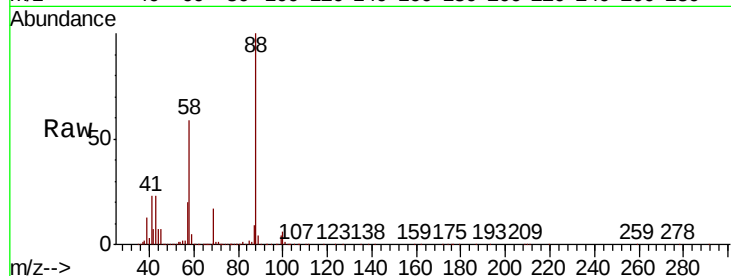




#49
1,4-Dioxane
Concen: 973.320 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

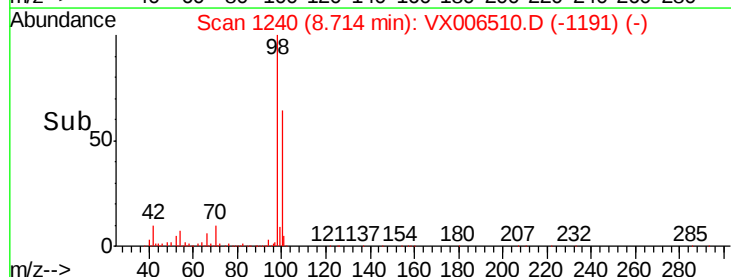
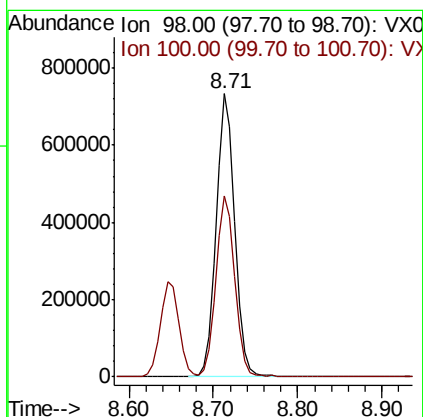
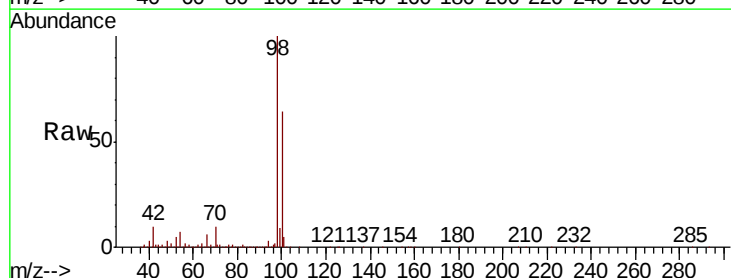
Instrument :
MSVOA_X
ClientSampleId :

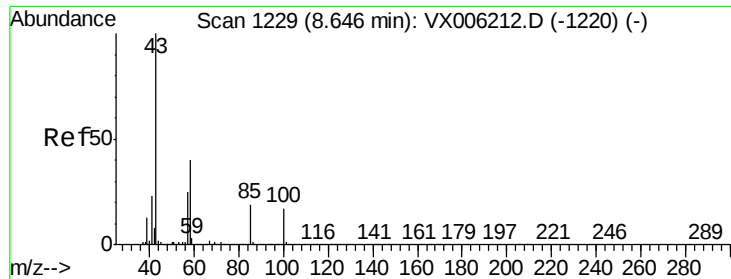
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.2	34.8
58	63.0	51.4	77.0



#50
Toluene-d8
Concen: 48.086 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 242.412 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

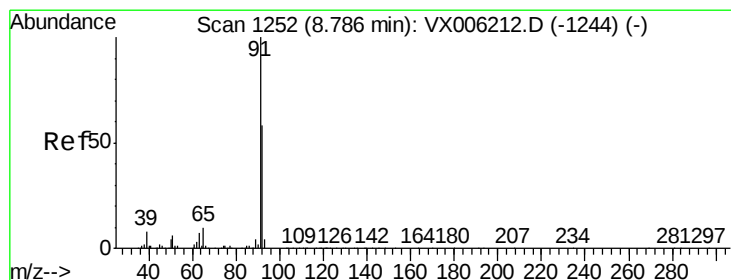
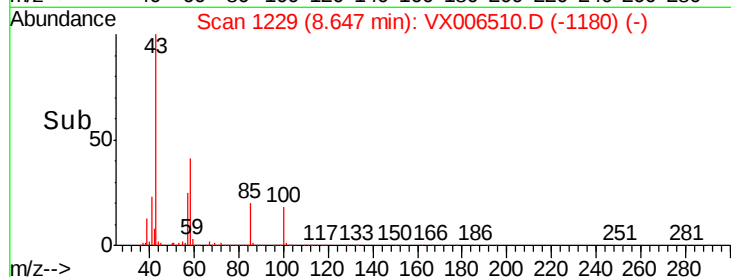
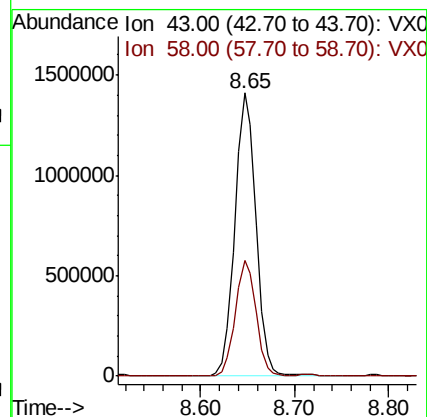
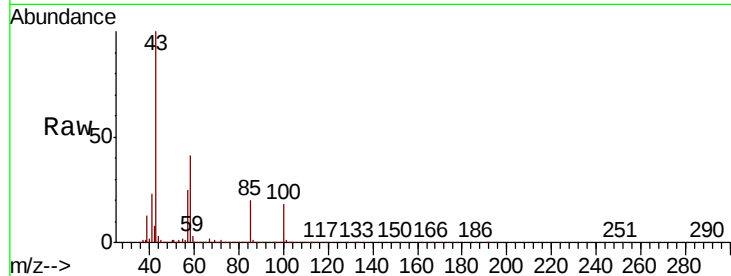
ClientSampleId :

Tot Ion: 43 Resp: 2193033

Ion Ratio Lower Upper

43 100

58 40.1 31.3 46.9



#52

Toluene

Concen: 52.364 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006510.D

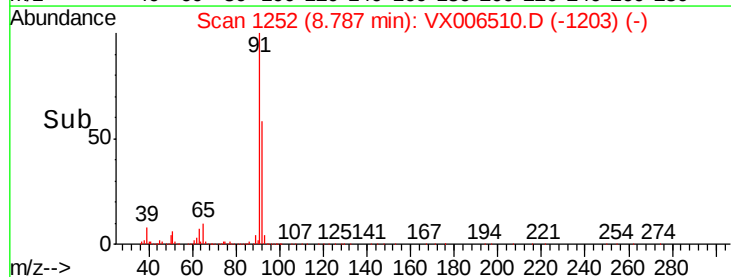
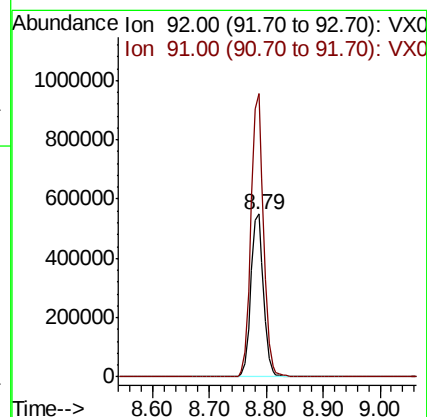
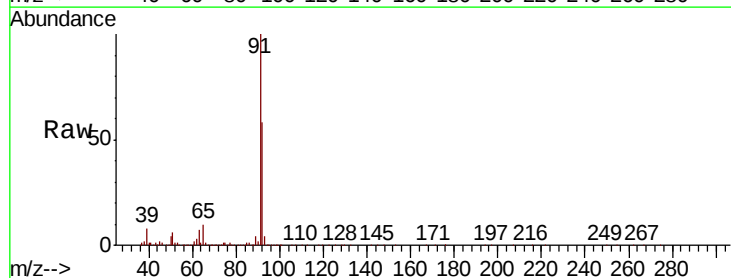
Acq: 14 Dec 2018 11:33

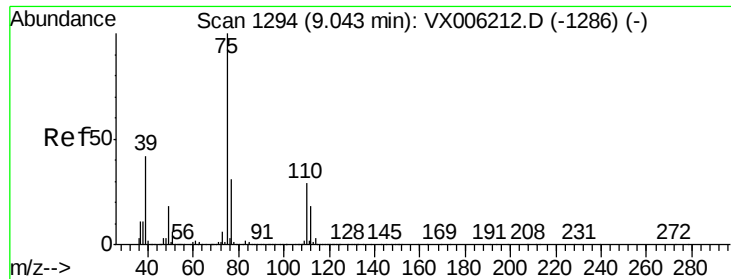
Tgt Ion: 92 Resp: 858777

Ion Ratio Lower Upper

92 100

91 172.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 47.024 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

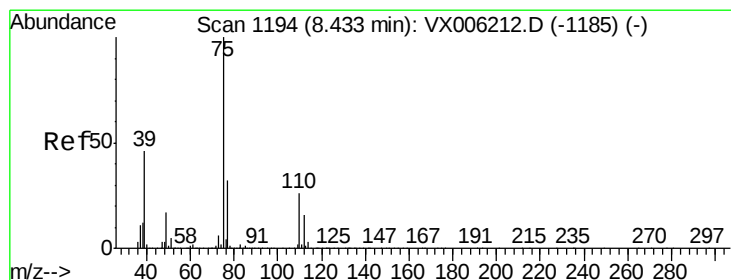
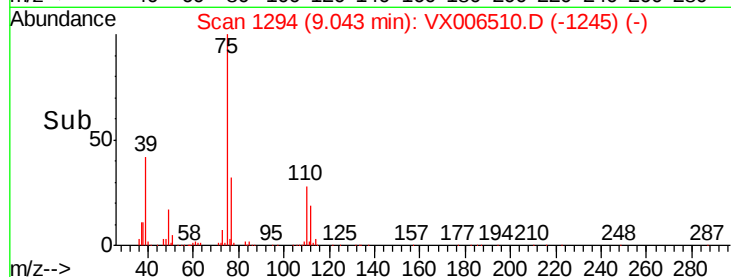
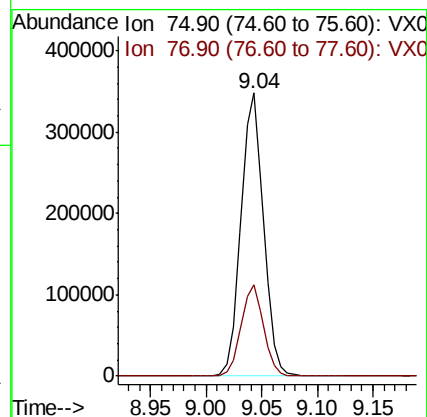
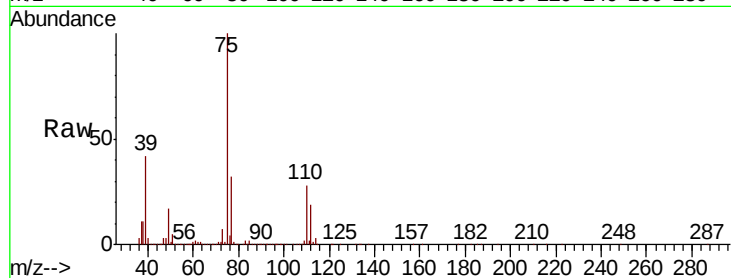
ClientSampleId :

Tot Ion: 75 Resp: 487305

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 48.712 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

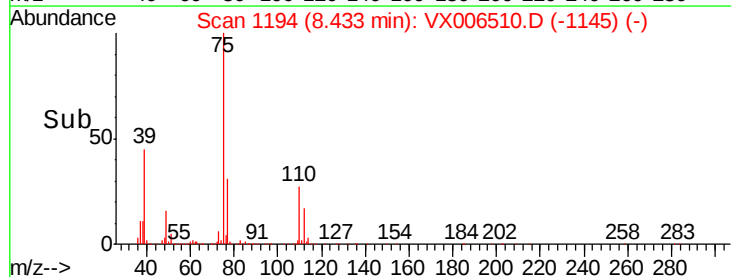
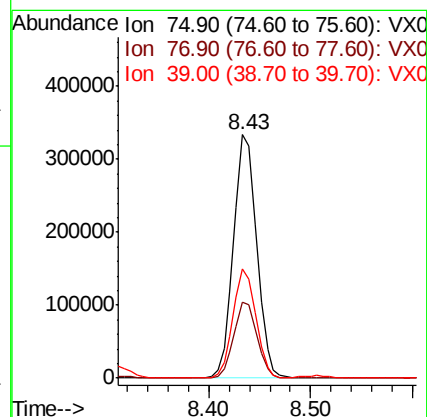
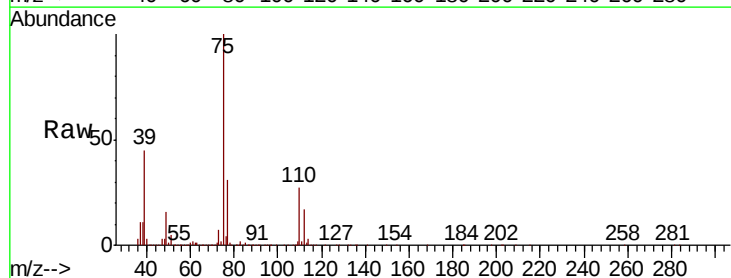
Tgt Ion: 75 Resp: 524179

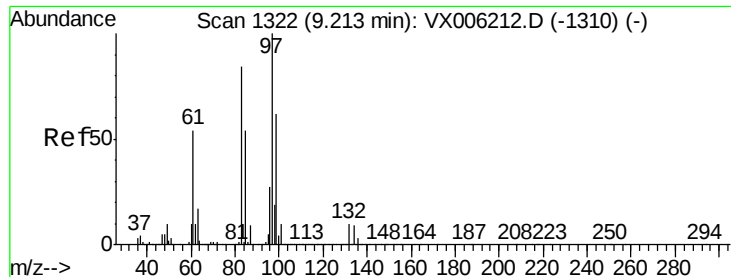
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 44.9 36.5 54.7

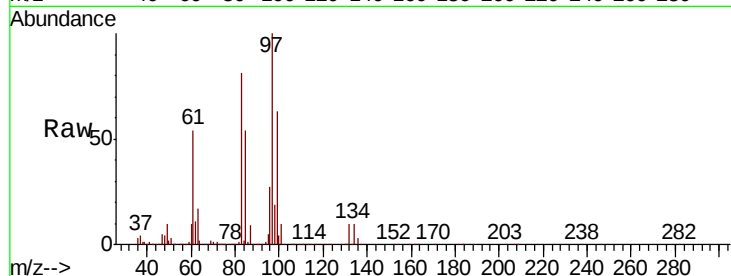




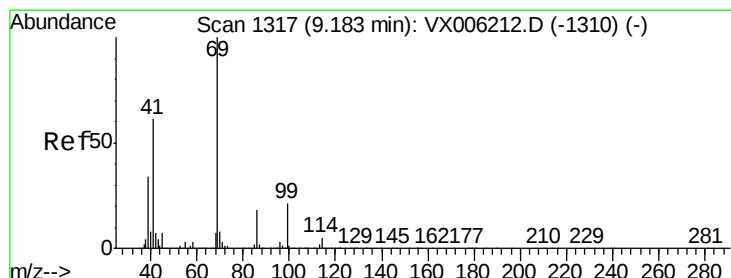
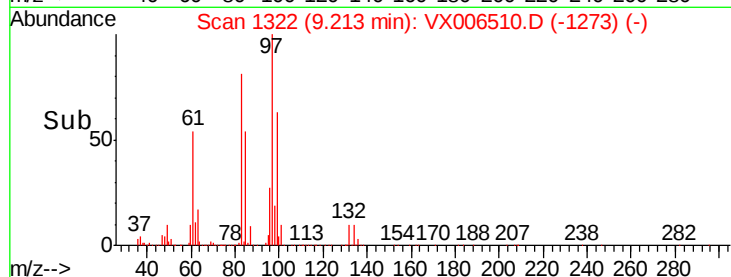
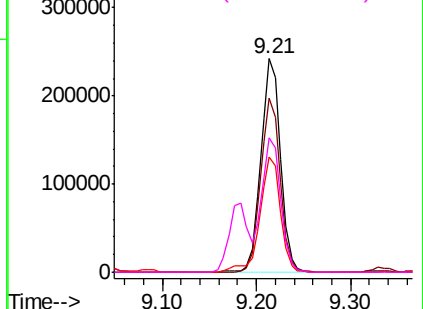
#55
 1,1,2-Trichloroethane
 Concen: 52.882 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	352335
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.1	100.7
85	53.7	43.2	64.8
99	63.1	49.8	74.6

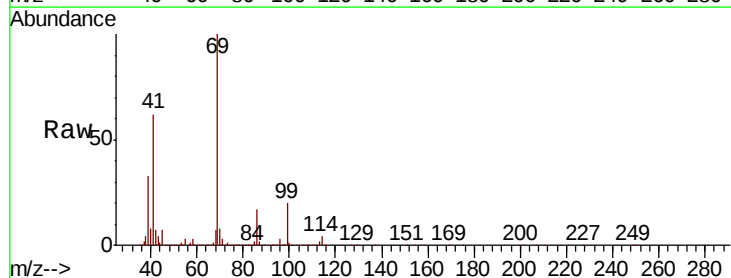


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

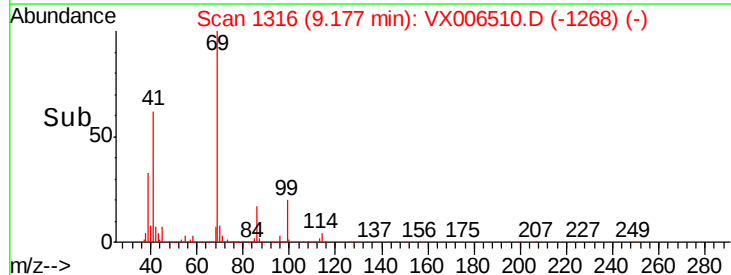
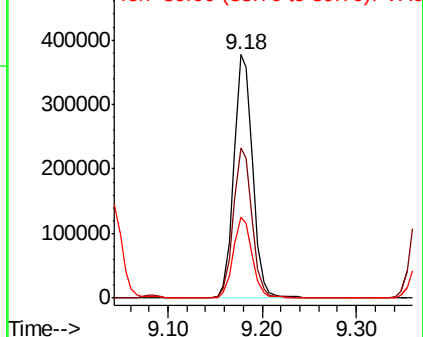


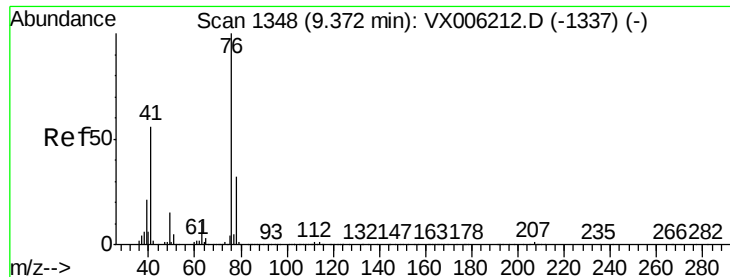
#56
 Ethyl methacrylate
 Concen: 49.891 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion:	69	Resp:	519660
Ion	Ratio	Lower	Upper
69	100		
41	60.9	50.6	76.0
39	33.1	27.6	41.4



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: 52.583 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

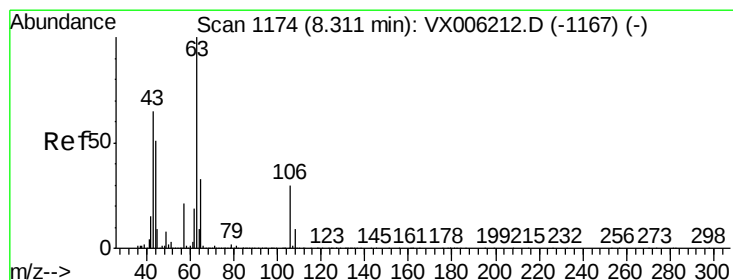
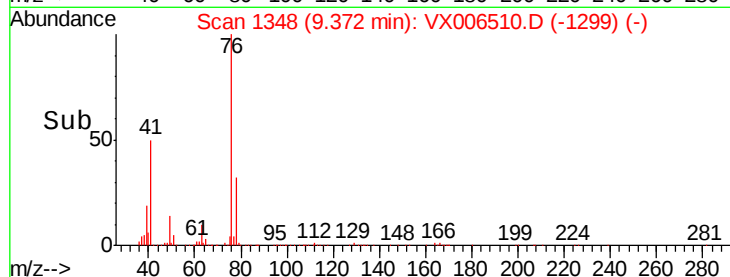
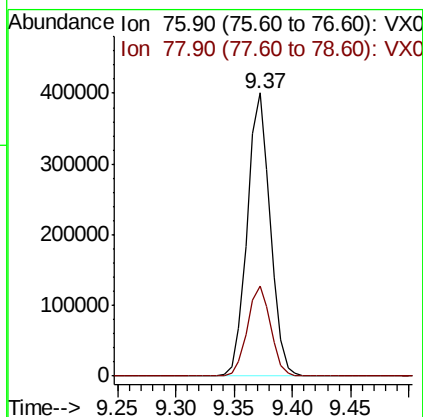
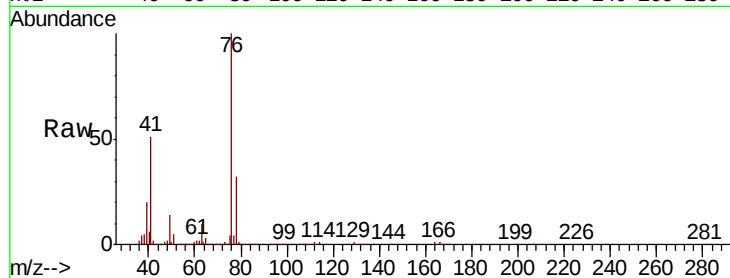
ClientSampleId :

Tot Ion: 76 Resp: 554002

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 231.177 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006510.D

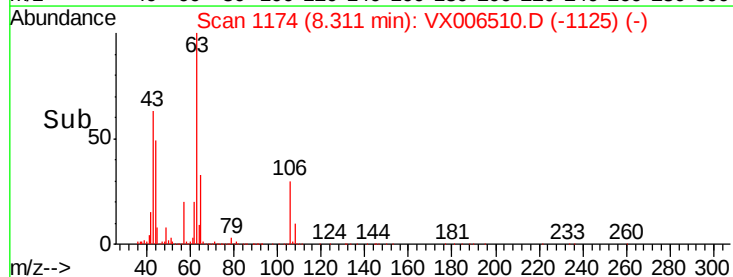
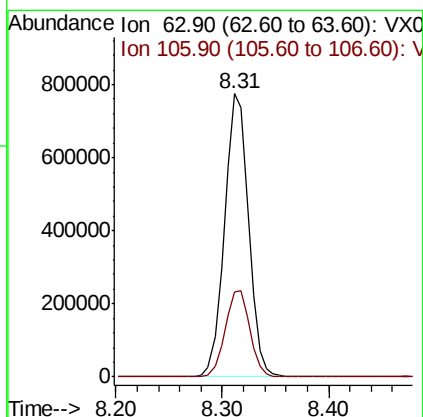
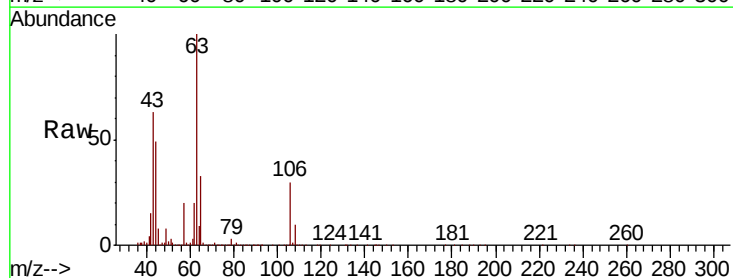
Acq: 14 Dec 2018 11:33

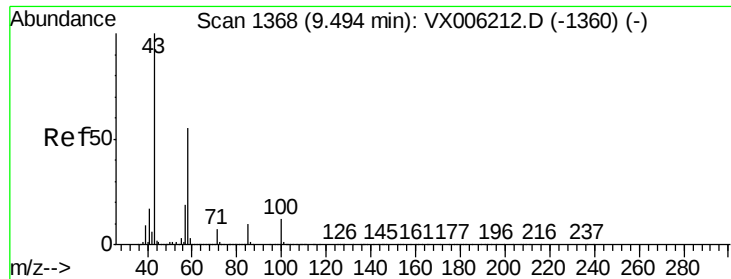
Tgt Ion: 63 Resp: 1221905

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3

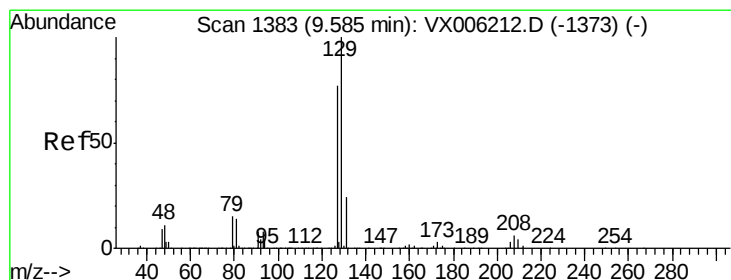
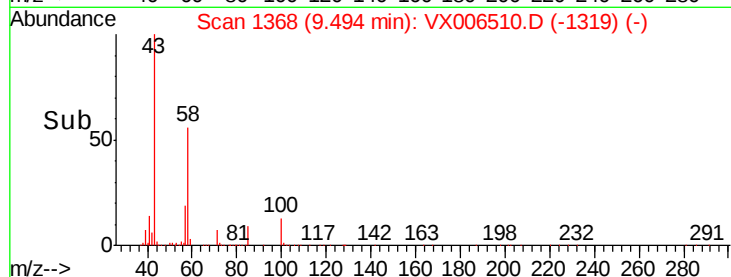
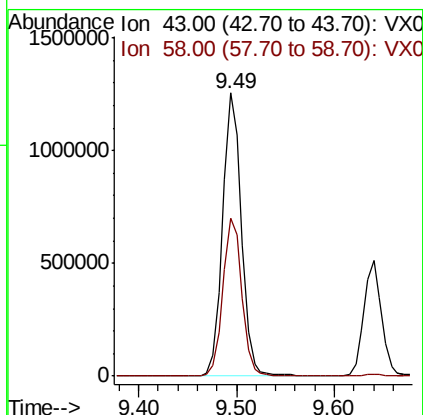
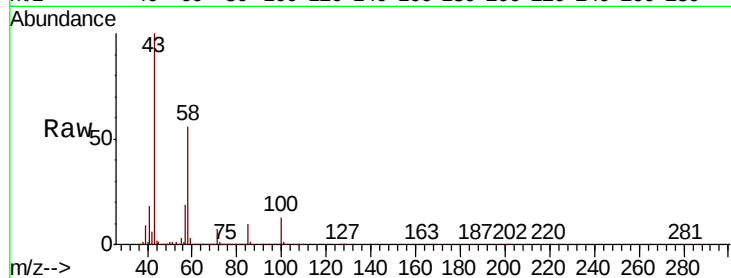




#59
2-Hexanone
Concen: 242.172 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

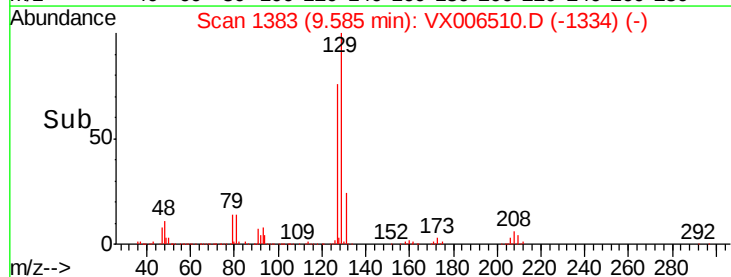
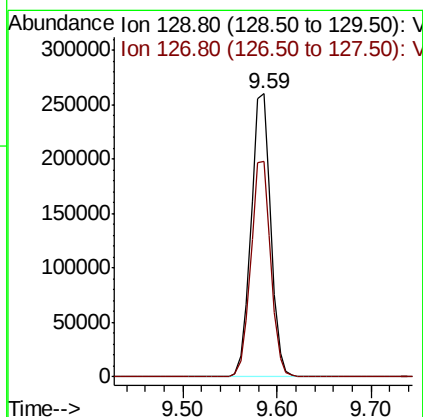
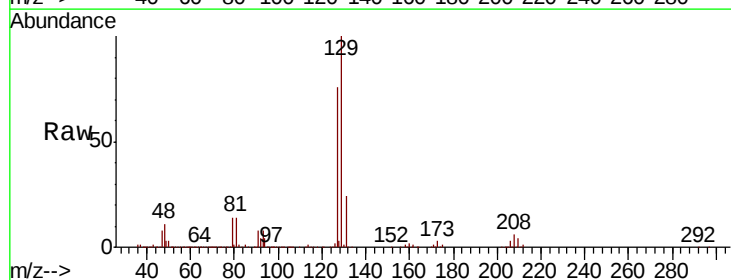
Instrument :
MSVOA_X
ClientSampleId :

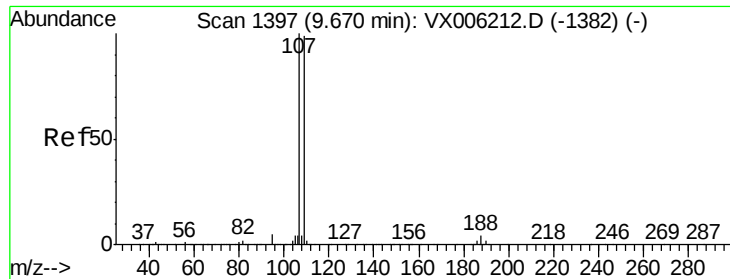
Tot Ion: 43 Resp: 1673826
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1



#60
Dibromochloromethane
Concen: 46.781 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 129 Resp: 384344
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.108 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

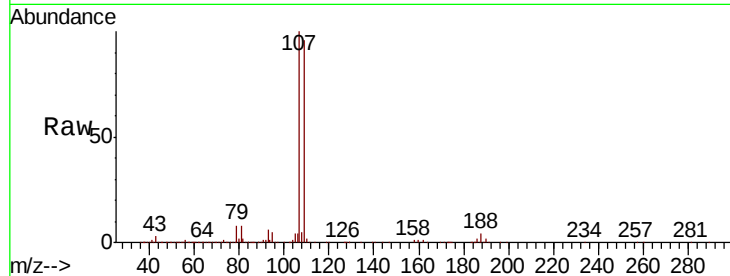
ClientSampleId :

Tot Ion:107 Resp: 388200

Ion Ratio Lower Upper

107 100

109 94.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

300000

250000

200000

150000

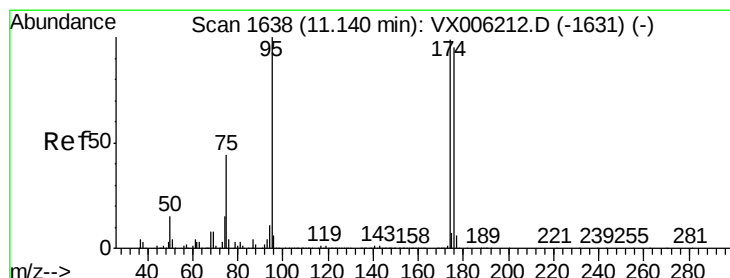
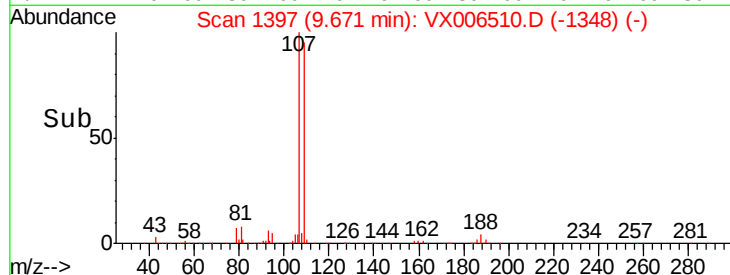
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.693 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

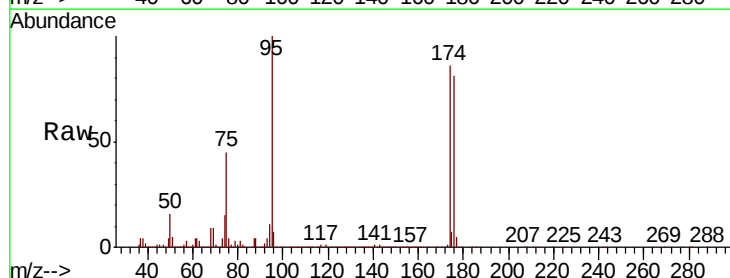
Tgt Ion: 95 Resp: 444650

Ion Ratio Lower Upper

95 100

174 92.4 0.0 187.0

176 88.7 0.0 181.8



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

11.13

400000

300000

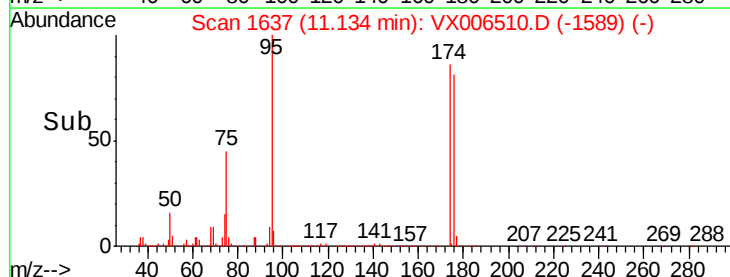
200000

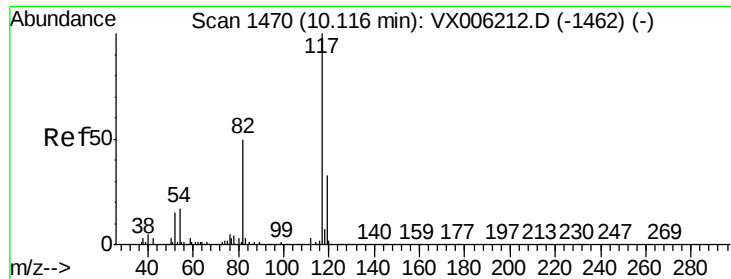
100000

0

11.10 11.20

Time-->

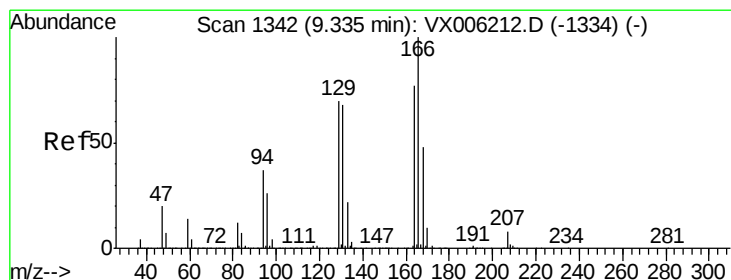
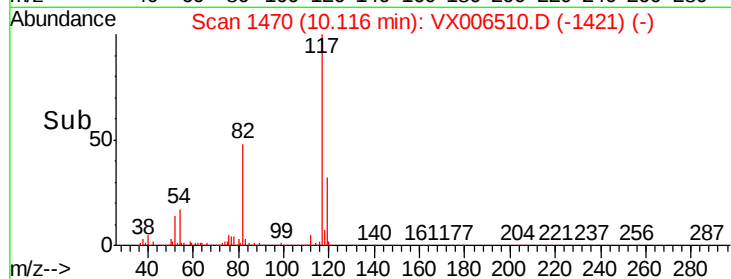
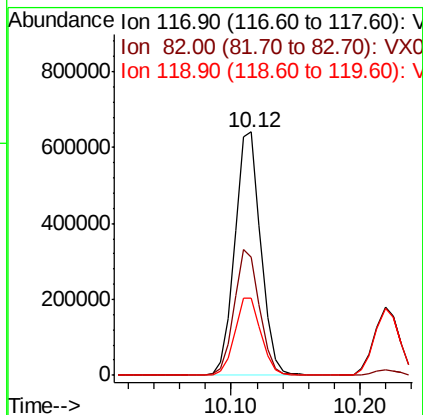
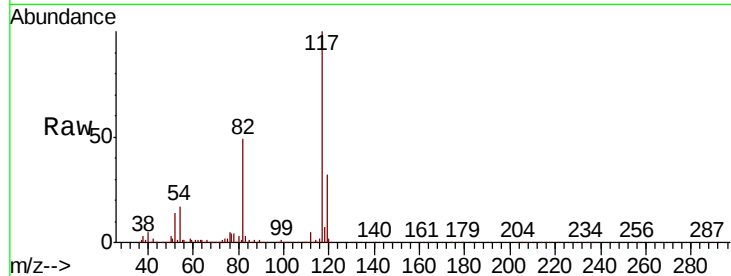




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

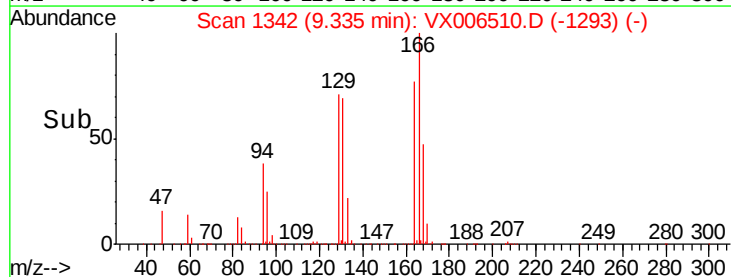
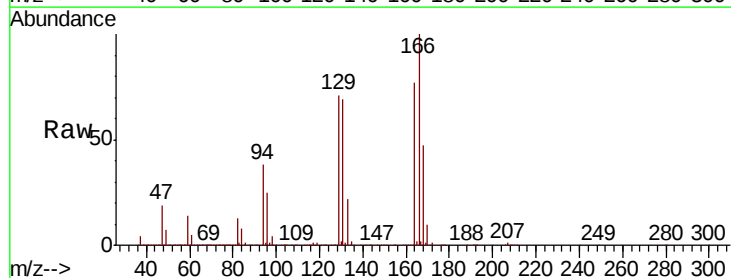
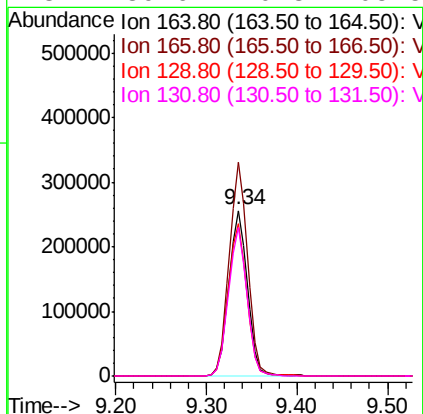
Instrument :
MSVOA_X
ClientSampleId :

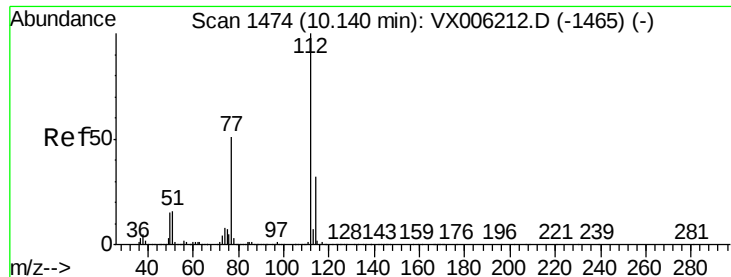
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.5	39.6	59.4
119	31.8	26.3	39.5



#64
Tetrachloroethene
Concen: 54.013 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.2	156.2
129	92.2	72.6	108.8
131	89.6	70.3	105.5





#65

Chlorobenzene

Concen: 53.291 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

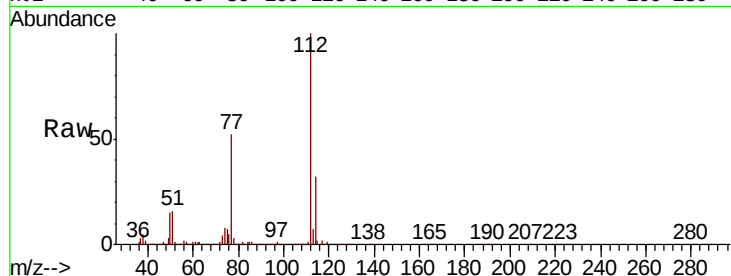
ClientSampled :

Tot Ion:112 Resp: 1017718

Ion Ratio Lower Upper

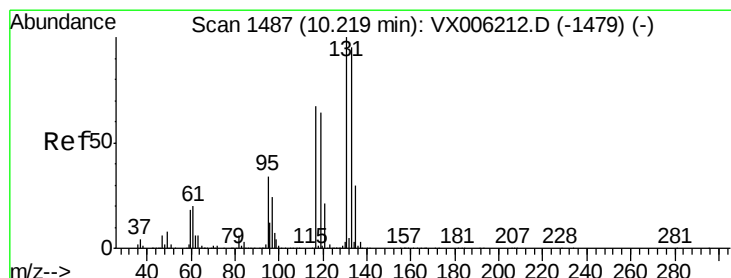
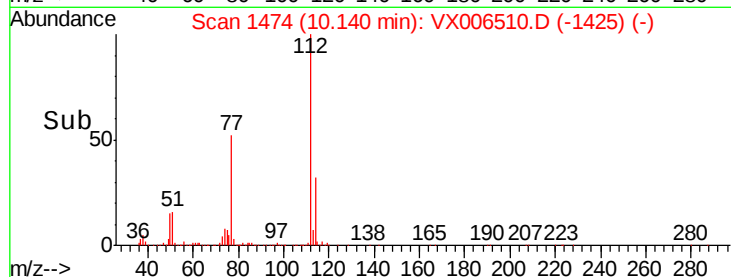
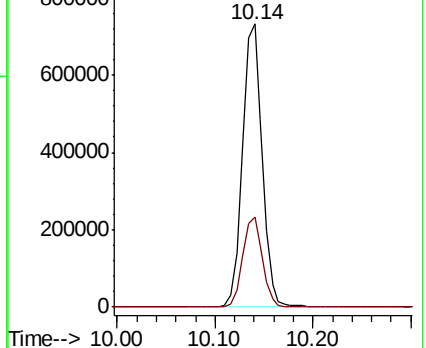
112 100

114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.266 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

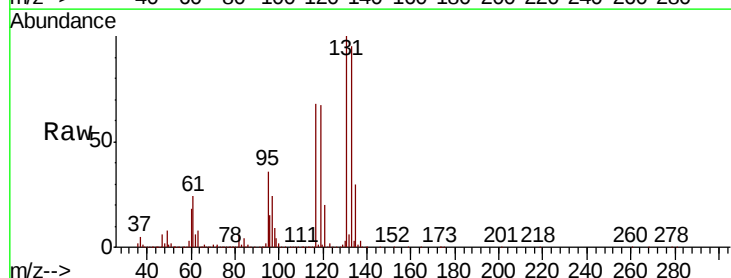
Tgt Ion:131 Resp: 365555

Ion Ratio Lower Upper

131 100

133 95.3 48.1 144.4

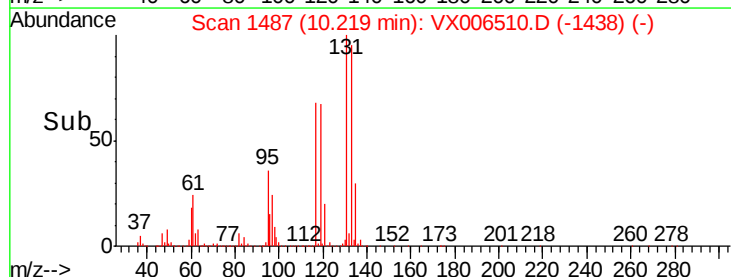
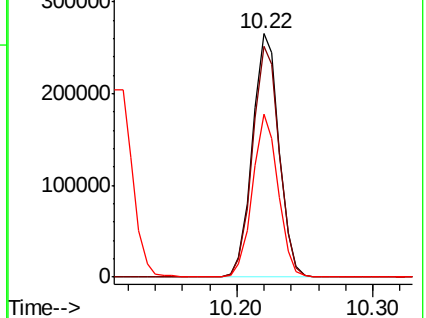
119 64.3 32.1 96.3

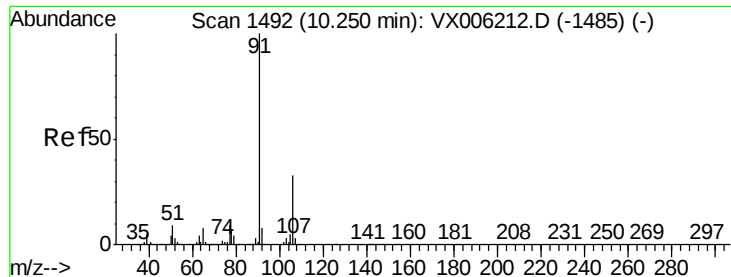


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.527 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

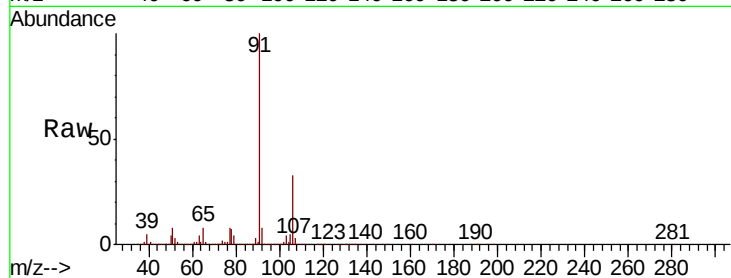
ClientSampled :

Tot Ion: 91 Resp: 1668402

Ion Ratio Lower Upper

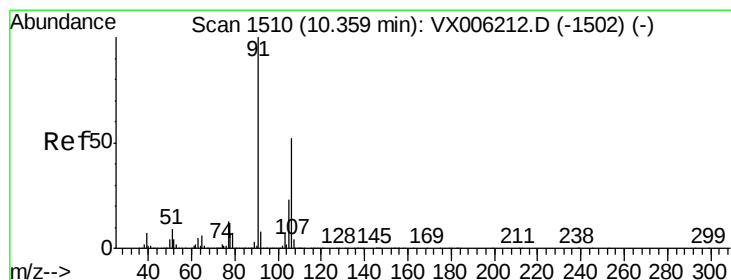
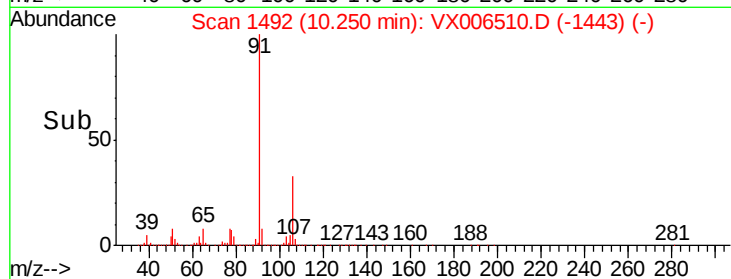
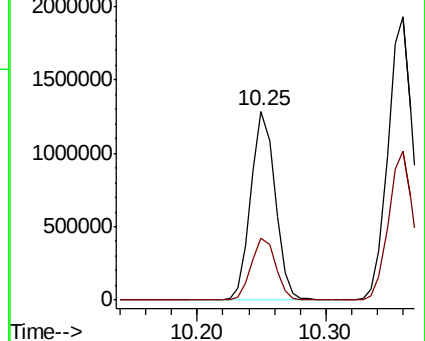
91 100

106 33.0 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.917 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006510.D

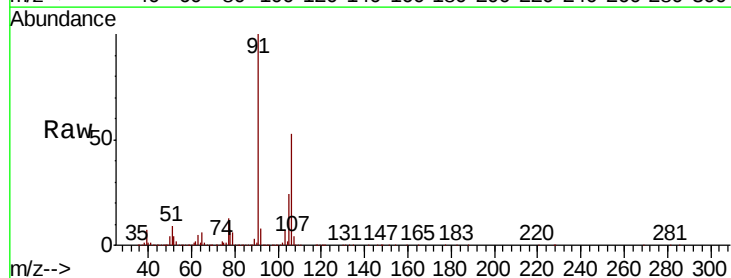
Acq: 14 Dec 2018 11:33

Tgt Ion:106 Resp: 1360317

Ion Ratio Lower Upper

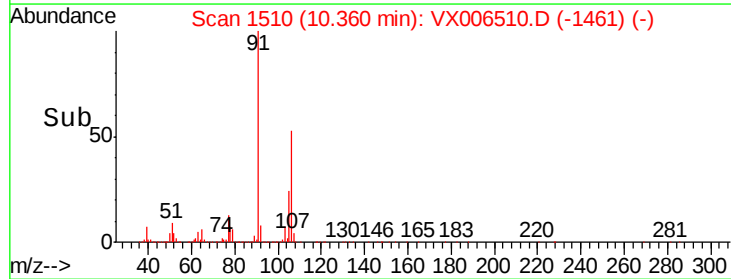
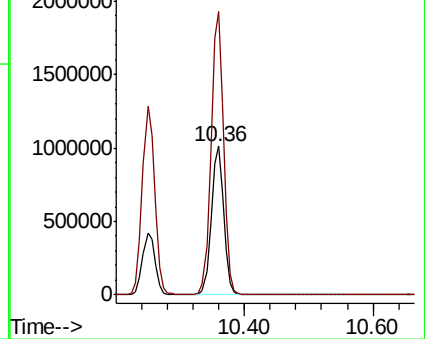
106 100

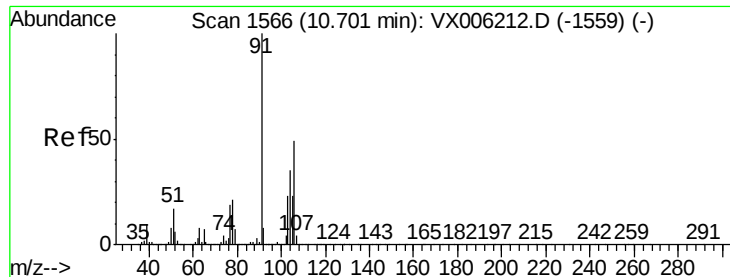
91 192.1 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

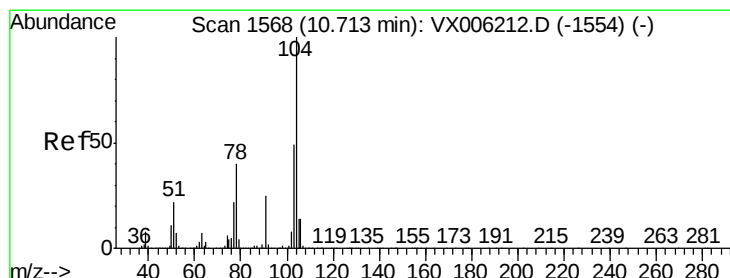
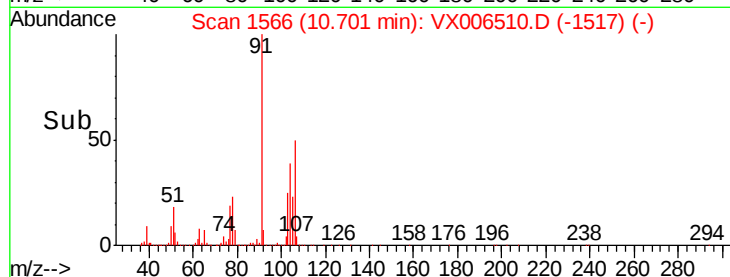
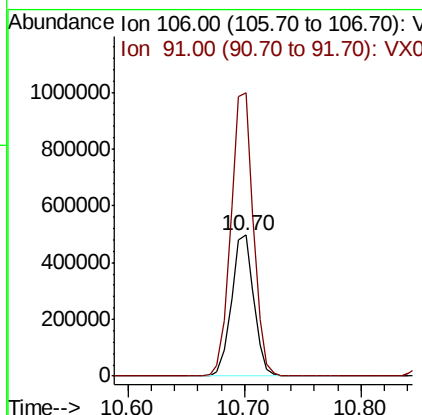
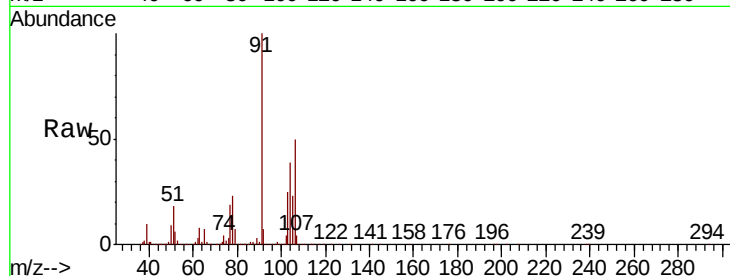




#69
o-Xylene
Concen: 52.666 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

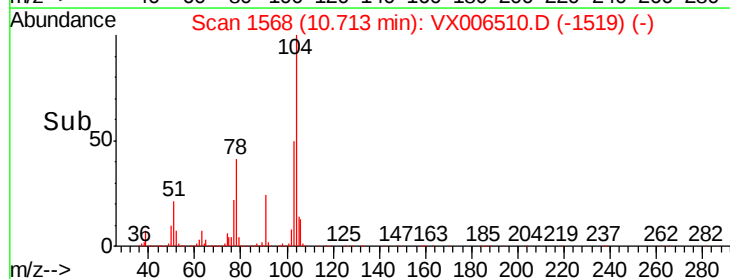
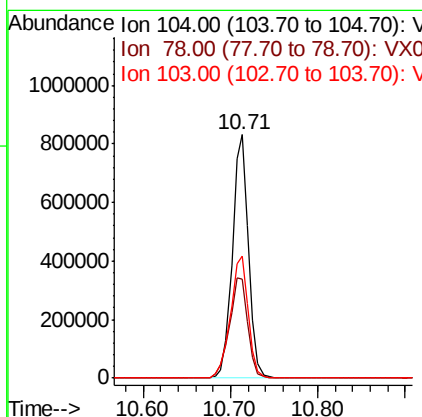
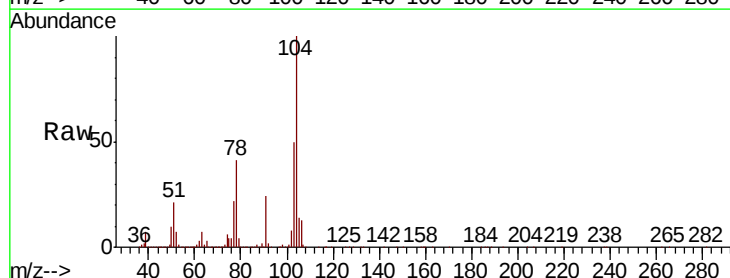
Instrument :
MSVOA_X
ClientSampleId :

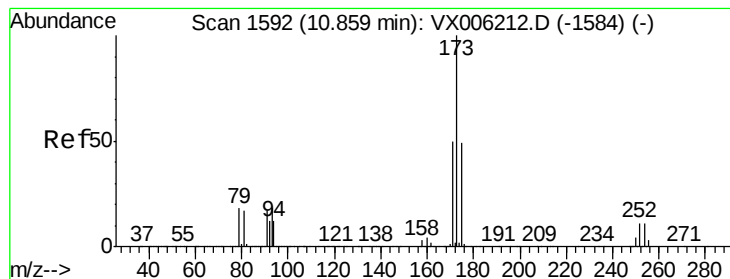
Tot Ion:106 Resp: 661876
Ion Ratio Lower Upper
106 100
91 202.2 101.8 305.6



#70
Styrene
Concen: 52.841 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion:104 Resp: 1074049
Ion Ratio Lower Upper
104 100
78 46.7 37.2 55.8
103 55.3 43.5 65.3





#71

Bromoform

Concen: 43.072 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

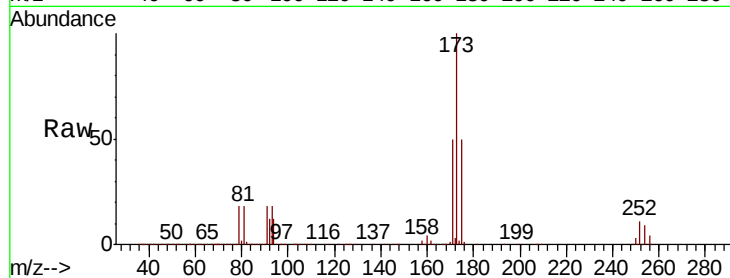
Tot Ion:173 Resp: 301687

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

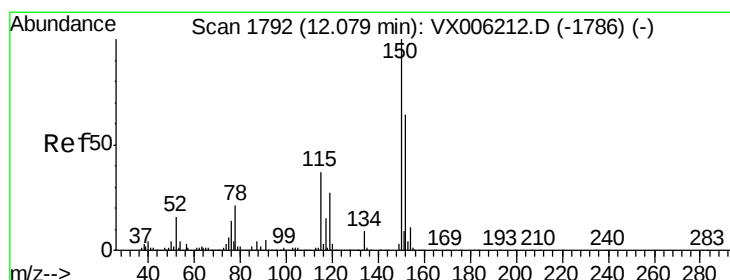
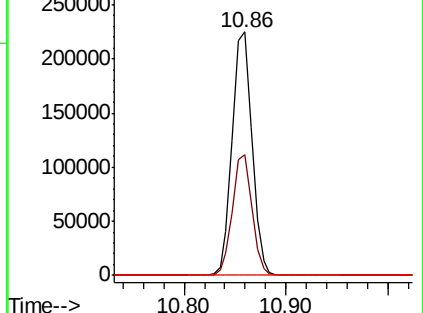
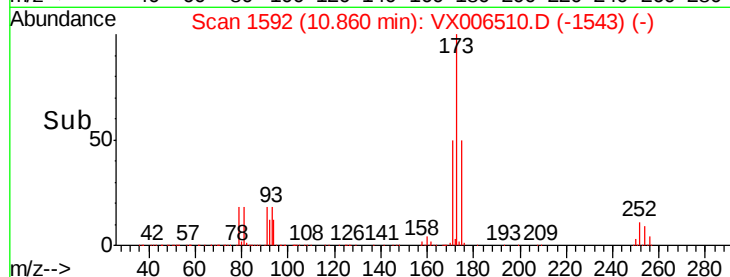
254 0.2 0.2 0.2



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: VX006510.D

Acq: 14 Dec 2018 11:33

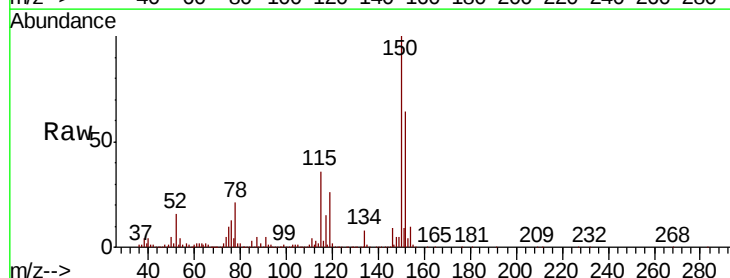
Tgt Ion:152 Resp: 494672

Ion Ratio Lower Upper

152 100

115 79.0 39.0 116.9

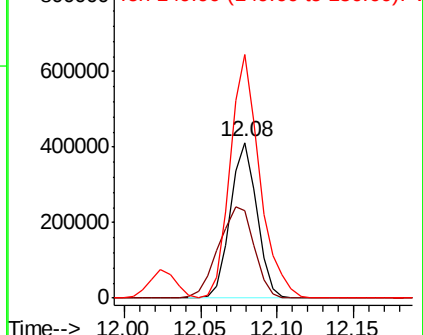
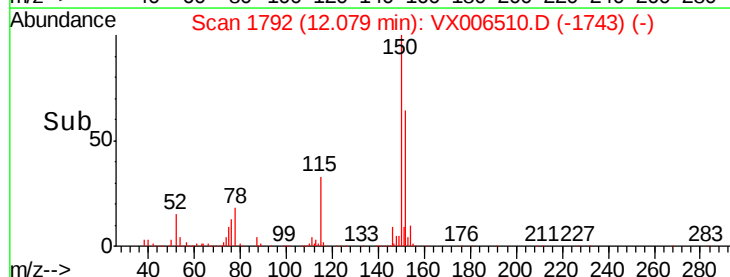
150 174.0 0.0 345.8

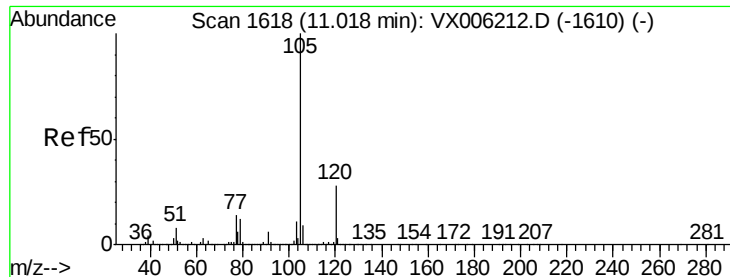


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.223 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

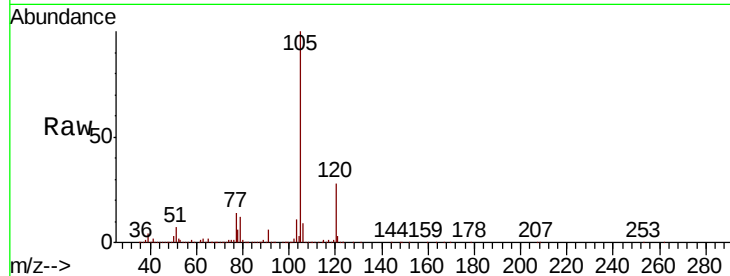
ClientSampleId :

Tot Ion:105 Resp: 1749866

Ion Ratio Lower Upper

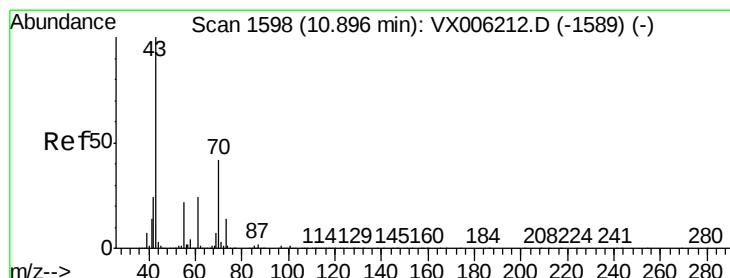
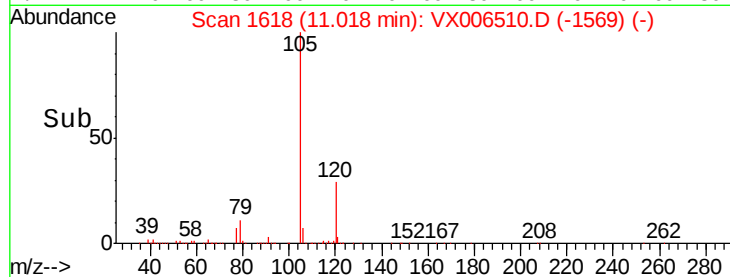
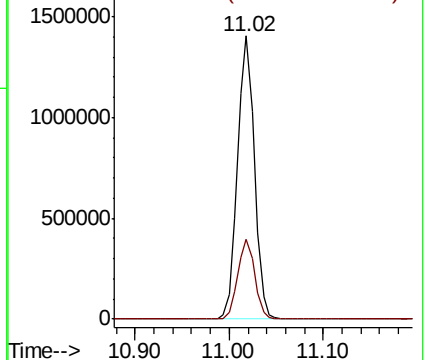
105 100

120 28.3 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.055 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Tgt Ion: 43 Resp: 662786

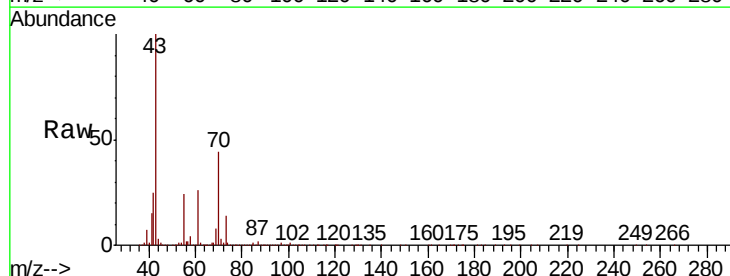
Ion Ratio Lower Upper

43 100

70 44.9 34.1 51.1

55 23.7 17.8 26.8

61 25.3 19.7 29.5

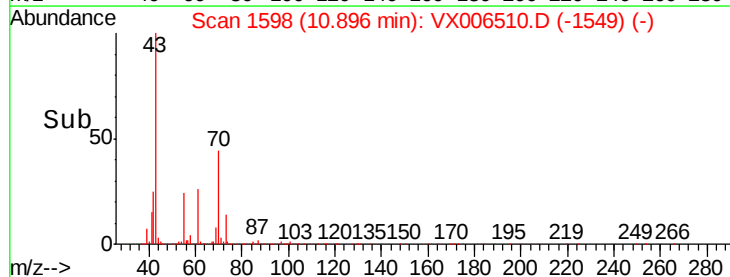
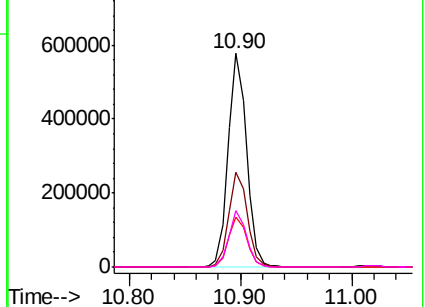


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.602 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

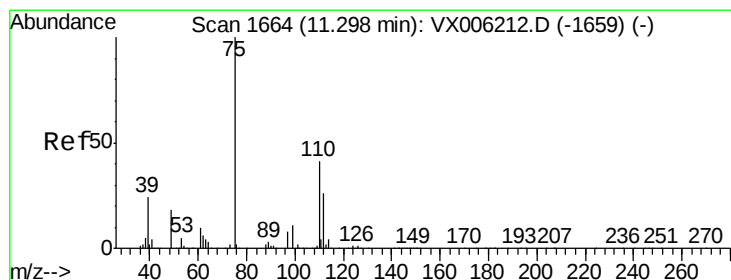
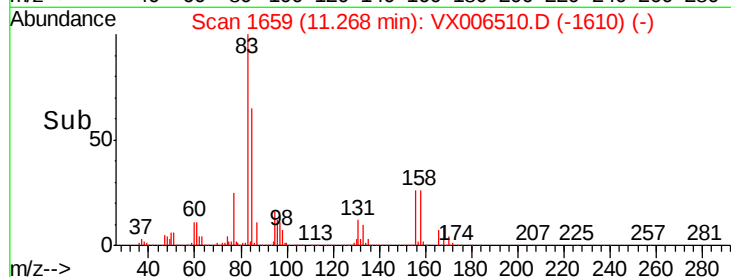
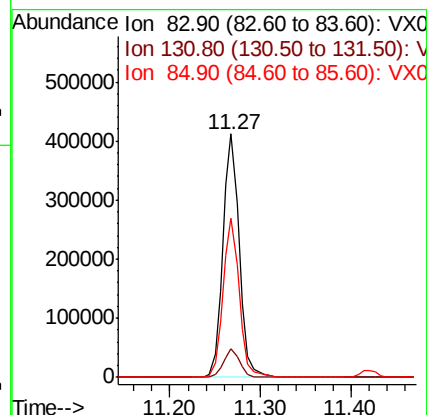
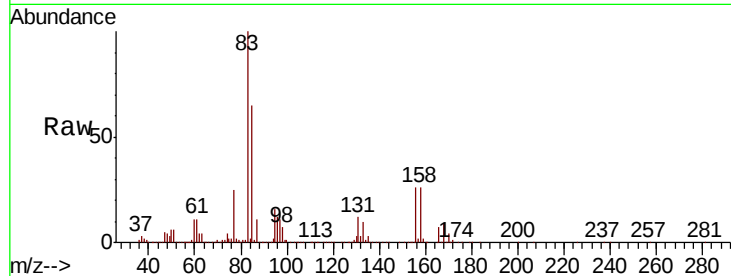
Tot Ion: 83 Resp: 520238

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

85 64.6 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 65.086 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006510.D

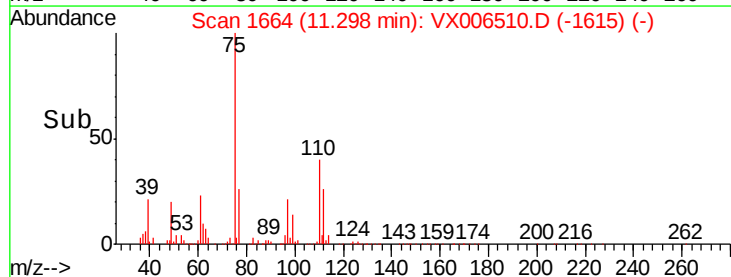
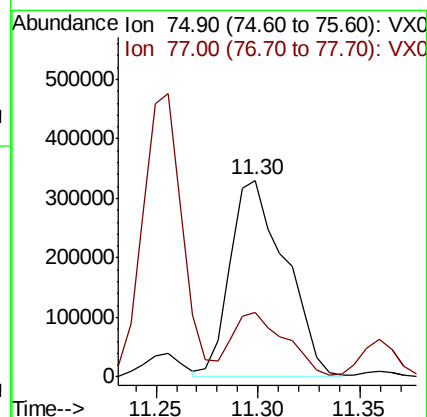
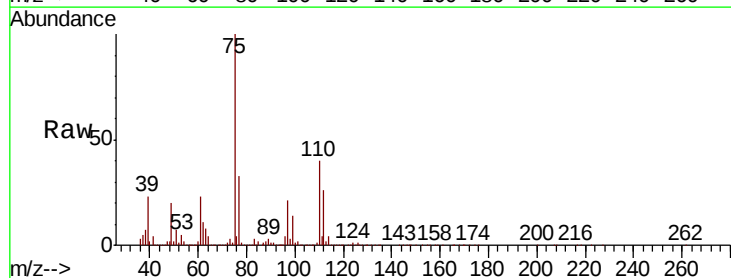
Acq: 14 Dec 2018 11:33

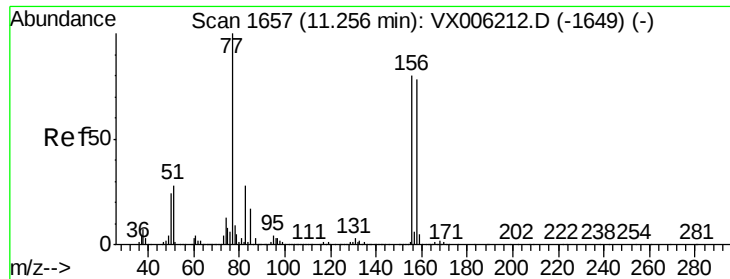
Tgt Ion: 75 Resp: 621439

Ion Ratio Lower Upper

75 100

77 31.2 19.9 59.7





#77

Bromobenzene

Concen: 50.984 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

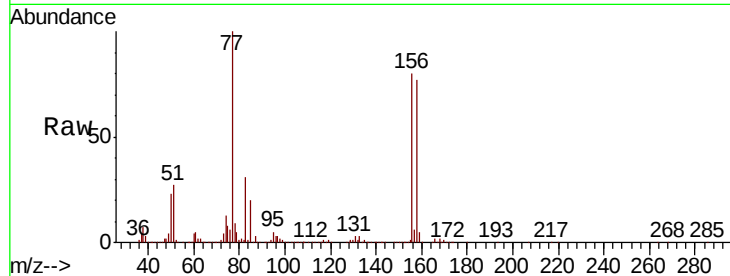
Tot Ion:156 Resp: 483347

Ion Ratio Lower Upper

156 100

77 132.4 66.2 198.6

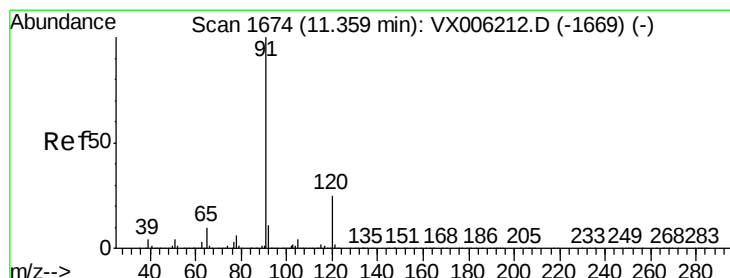
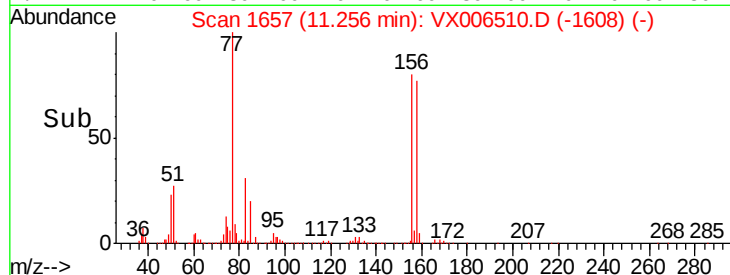
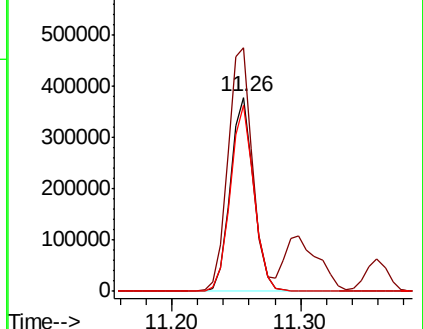
158 96.7 48.8 146.4



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: 52.340 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006510.D

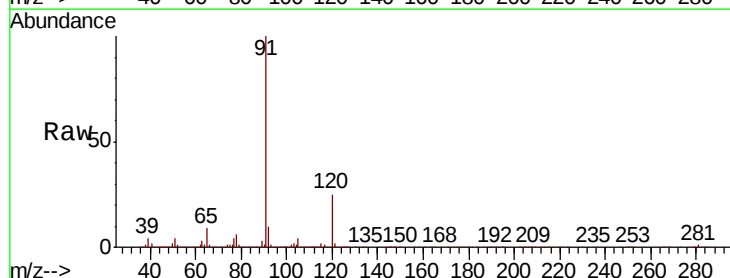
Acq: 14 Dec 2018 11:33

Tgt Ion: 91 Resp: 1987542

Ion Ratio Lower Upper

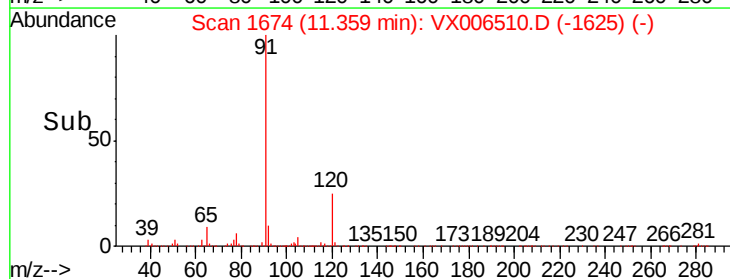
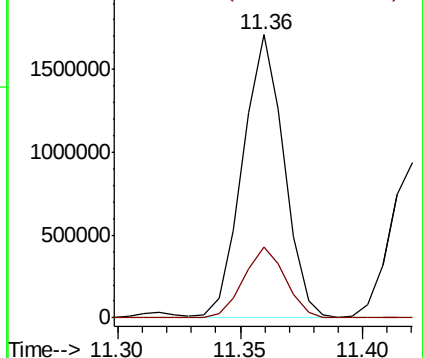
91 100

120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.482 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

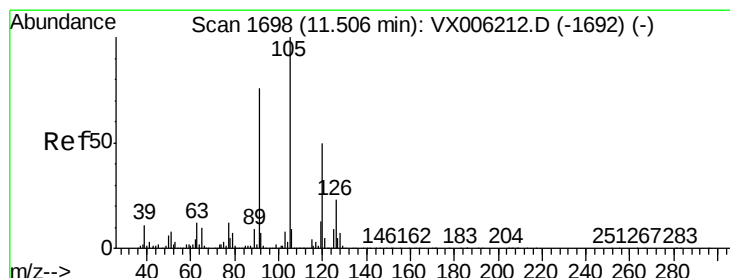
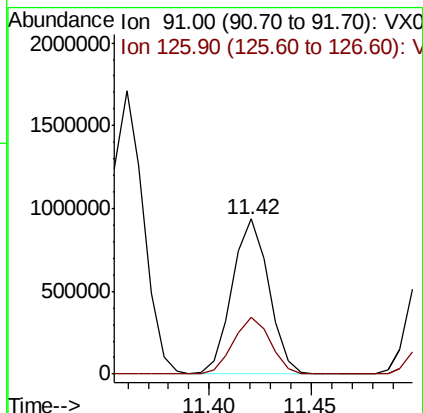
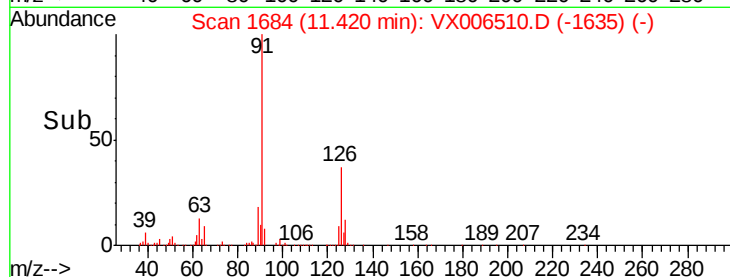
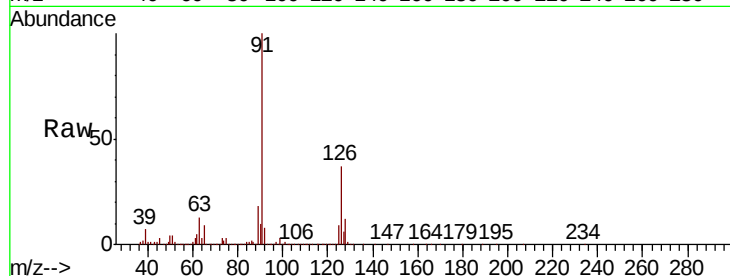
ClientSampleId :

Tot Ion: 91 Resp: 1161963

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 51.851 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006510.D

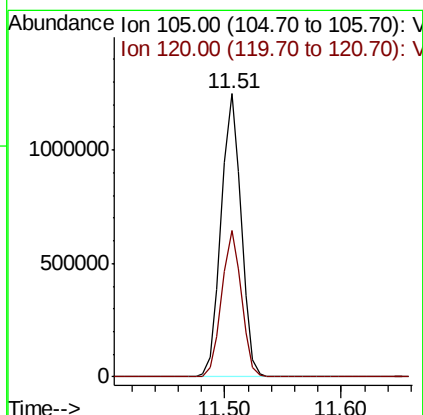
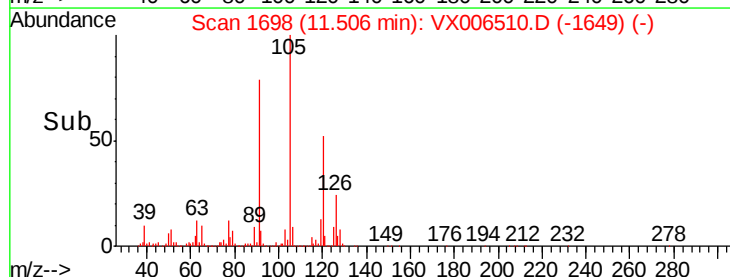
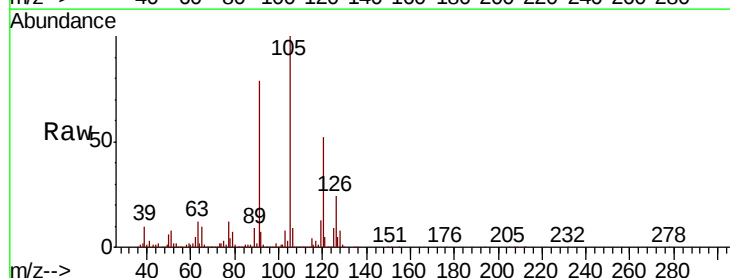
Acq: 14 Dec 2018 11:33

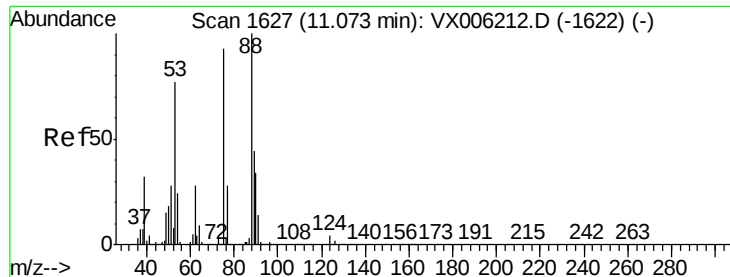
Tgt Ion: 105 Resp: 1473768

Ion Ratio Lower Upper

105 100

120 51.0 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.624 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

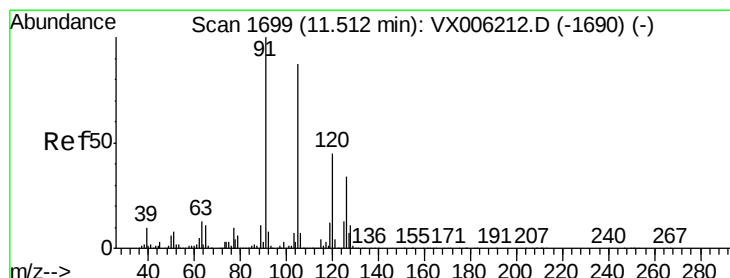
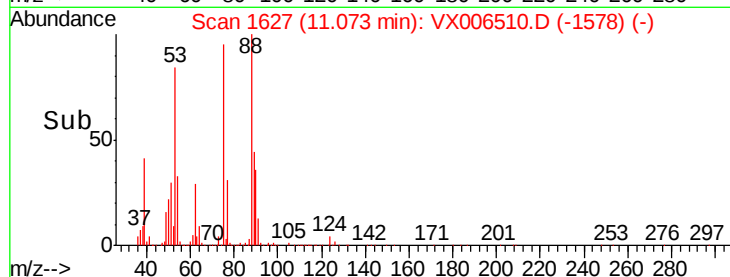
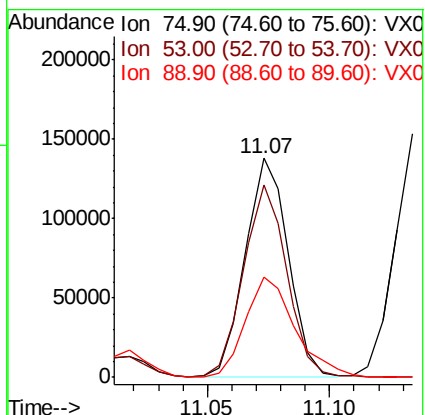
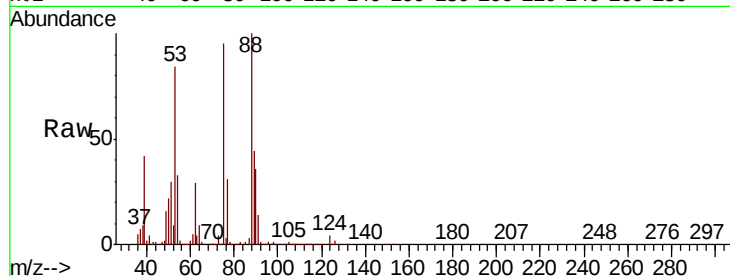
Tot Ion: 75 Resp: 169353

Ion Ratio Lower Upper

75 100

53 88.2 64.4 96.6

89 53.5 44.2 66.4



#82

4-Chlorotoluene

Concen: 51.673 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006510.D

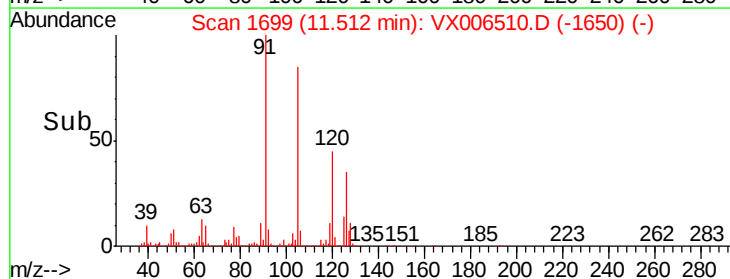
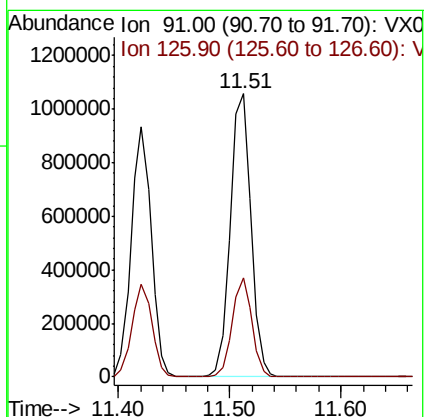
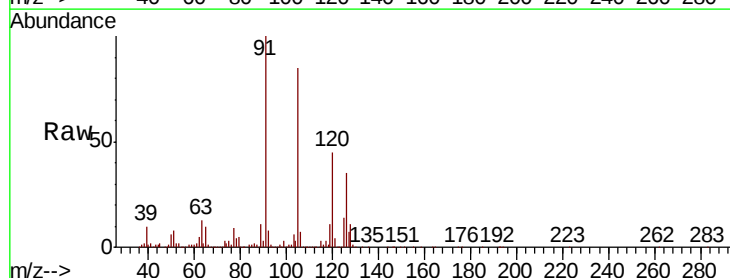
Acq: 14 Dec 2018 11:33

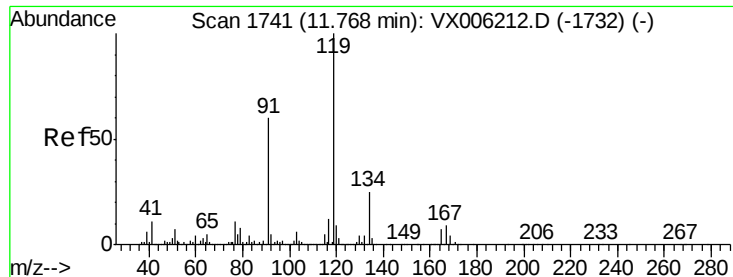
Tgt Ion: 91 Resp: 1355969

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4

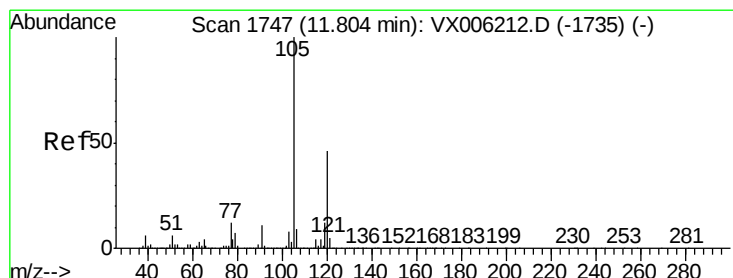
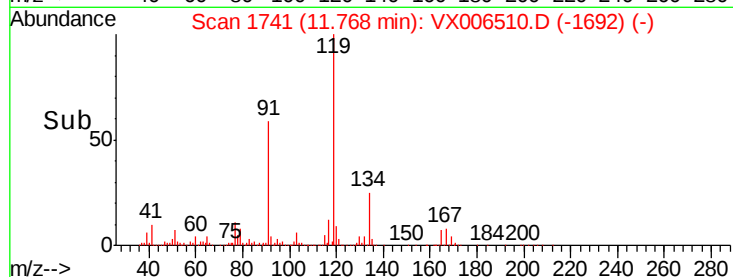
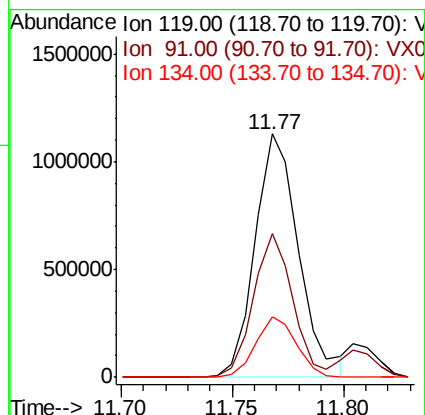
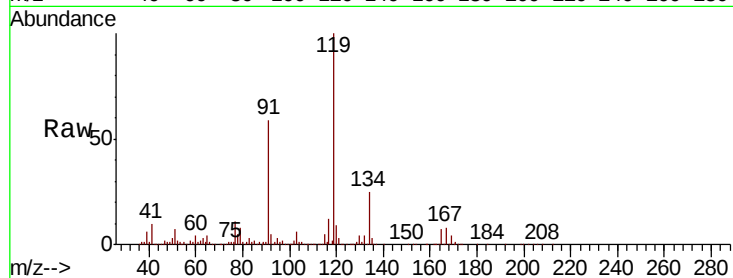




#83
tert-Butylbenzene
Concen: 50.737 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

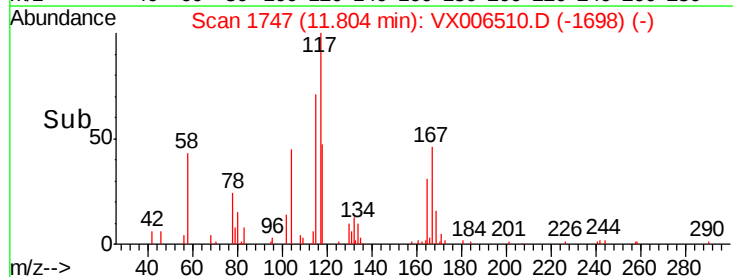
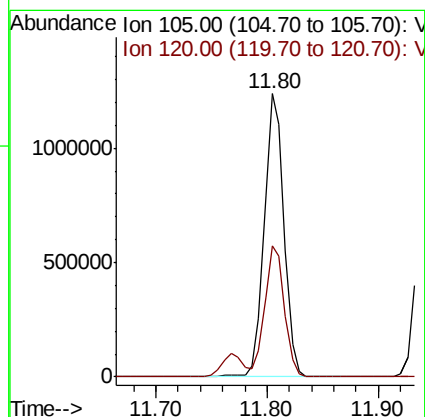
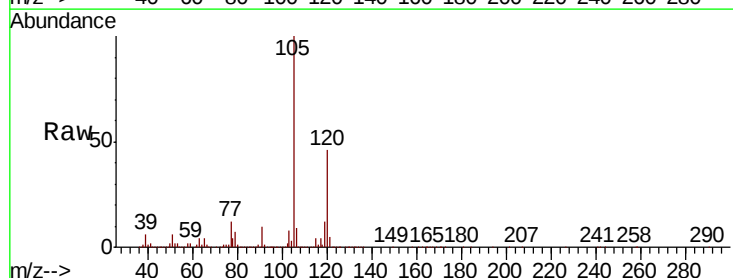
Instrument :
MSVOA_X
ClientSampleId :

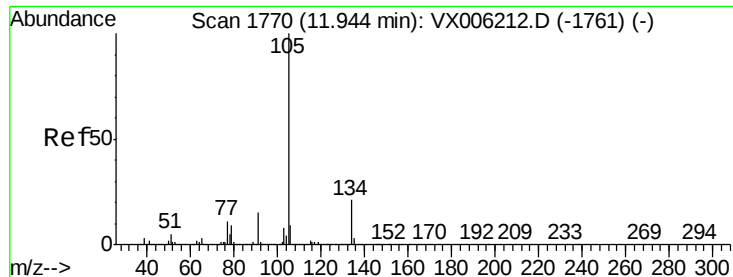
Tot Ion:119 Resp: 1538674
Ion Ratio Lower Upper
119 100
91 53.6 26.4 79.2
134 23.3 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 52.183 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion:105 Resp: 1531552
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.0

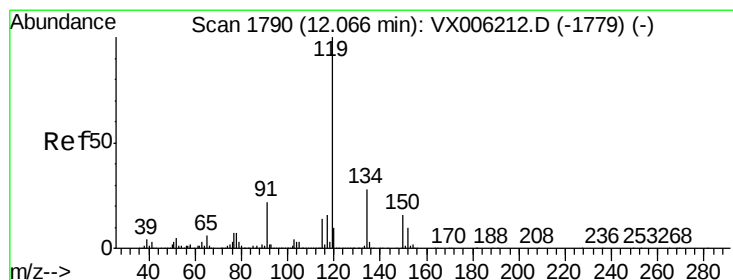
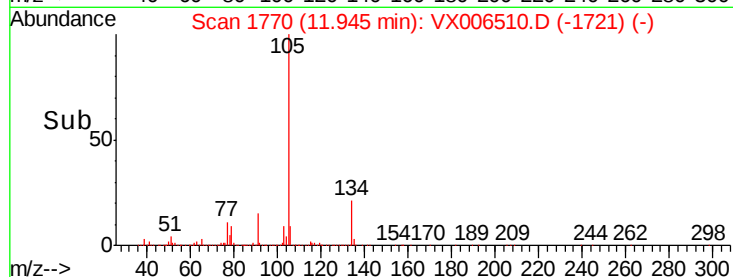
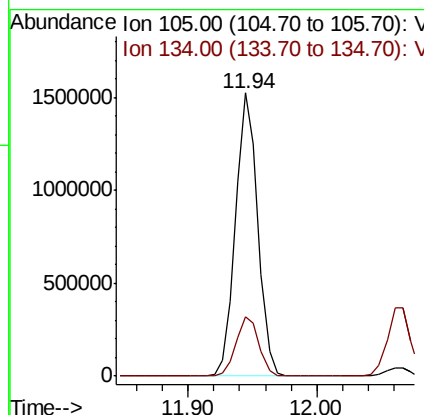
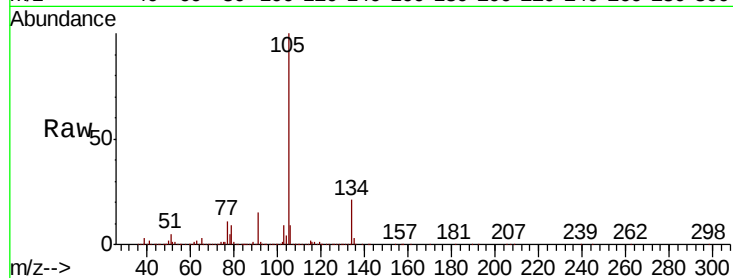




#85
 sec-Butylbenzene
 Concen: 53.205 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

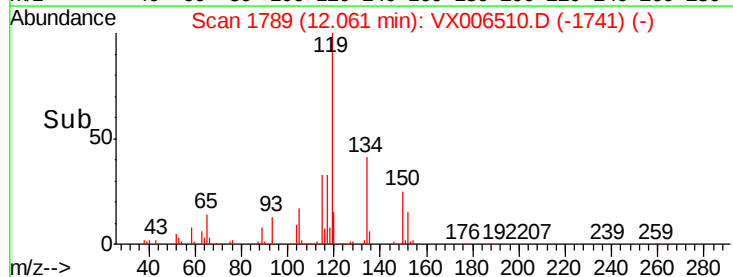
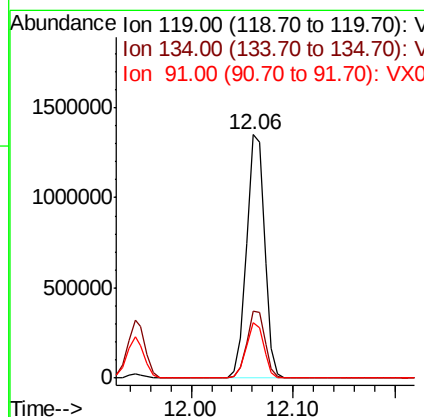
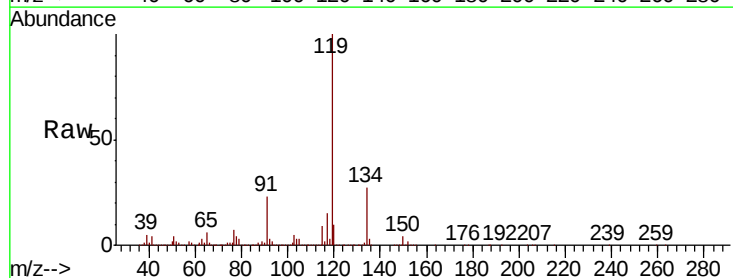
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 1835604
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 53.128 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion:119 Resp: 1650513
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.9 41.6
 91 22.3 11.3 33.8

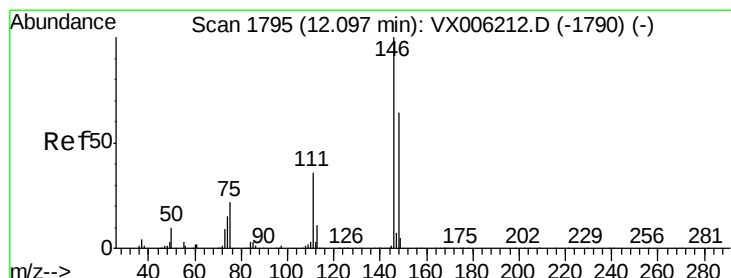
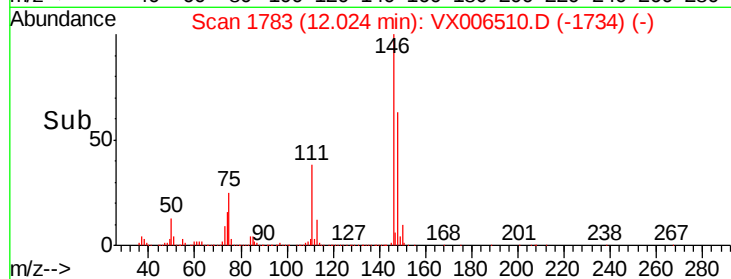
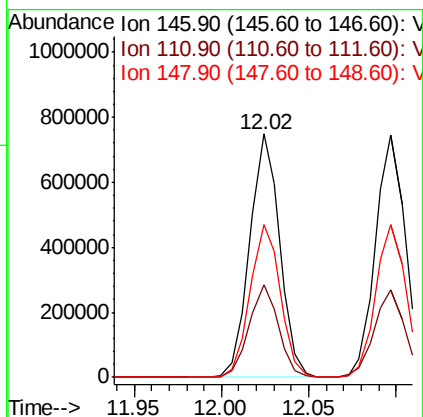
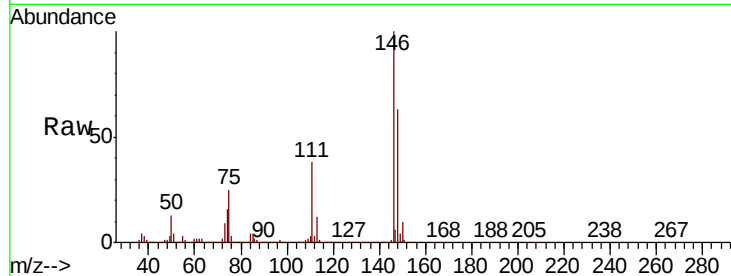




#87
 1,3-Dichlorobenzene
 Concen: 53.258 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

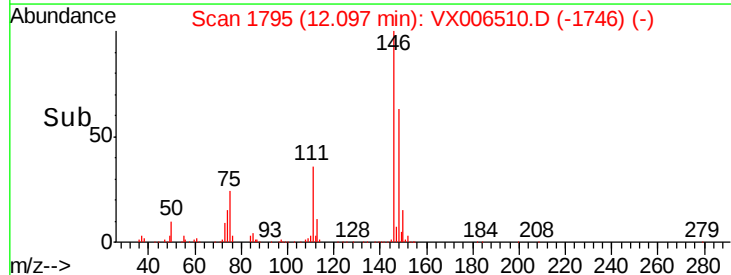
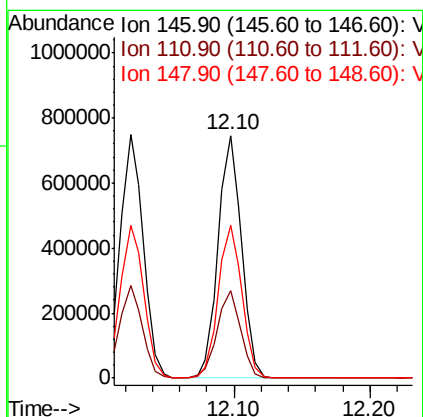
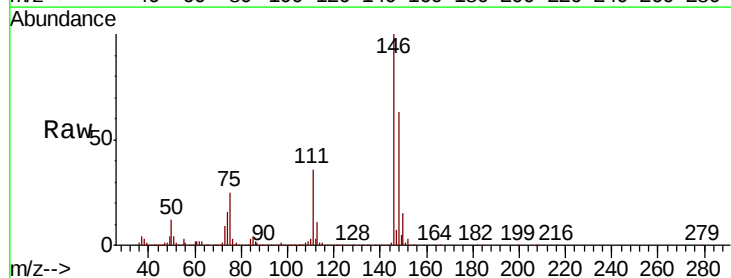
Instrument :
 MSVOA_X
 ClientSampled :

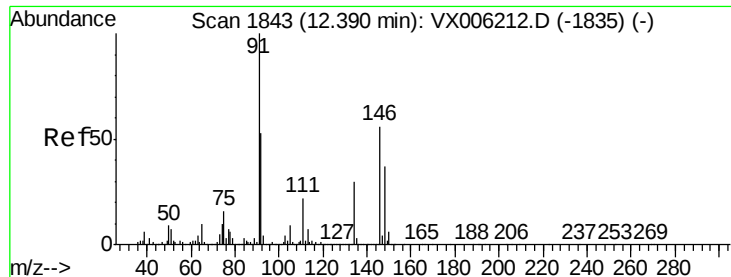
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.2
148	63.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.996 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.3	54.8
148	63.5	31.9	95.9

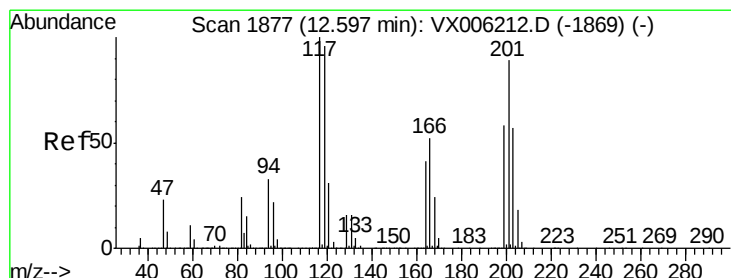
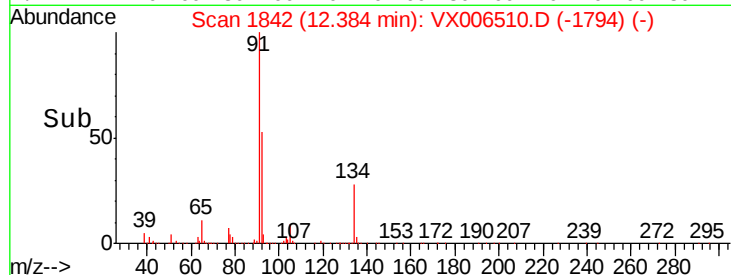
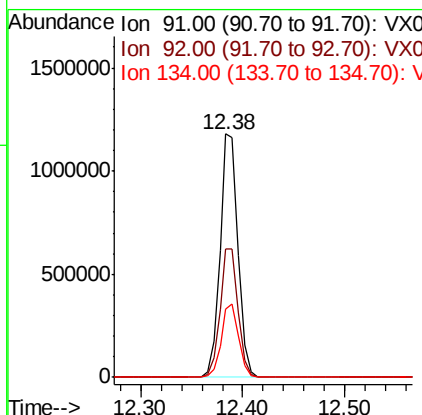
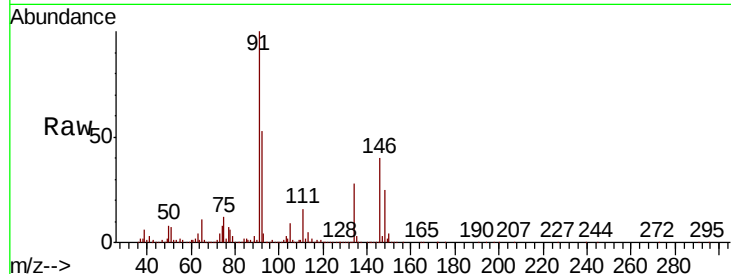




#89
n-Butylbenzene
Concen: 54.398 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

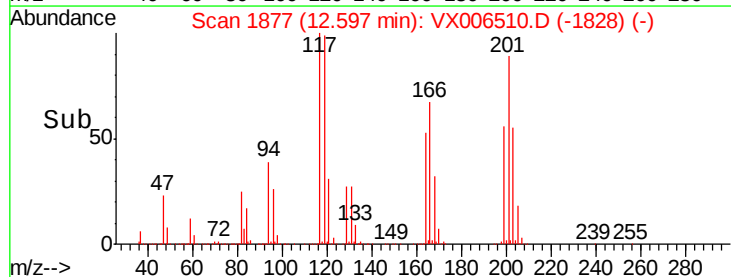
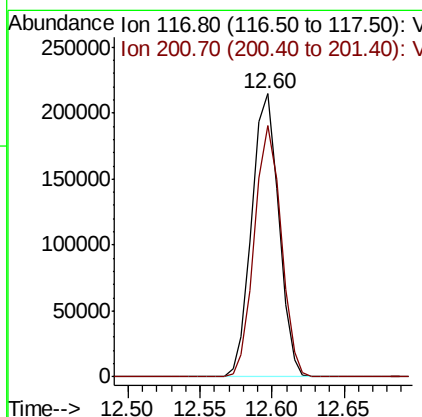
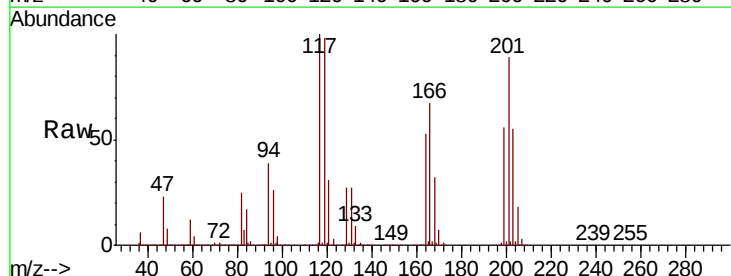
Instrument :
MSVOA_X
ClientSampleId :

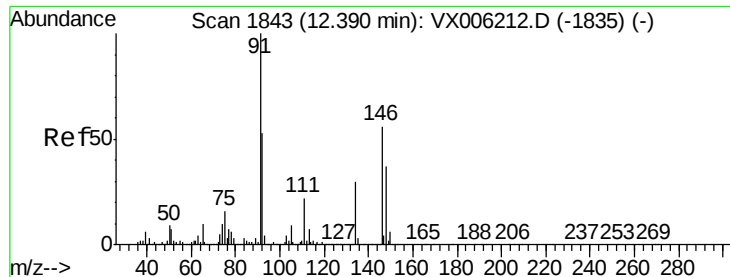
Tot Ion: 91 Resp: 1441943
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 29.3 14.8 44.3



#90
Hexachloroethane
Concen: 43.943 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion: 117 Resp: 278238
Ion Ratio Lower Upper
117 100
201 87.2 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 51.084 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

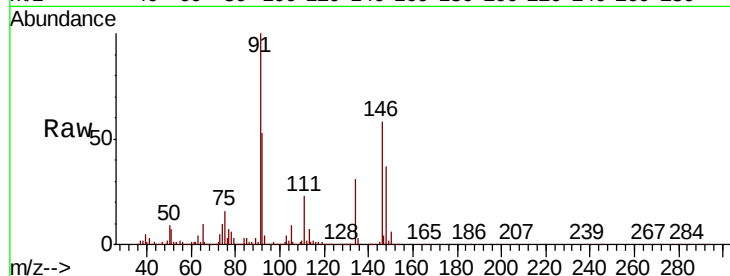
Tot Ion:146 Resp: 855236

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

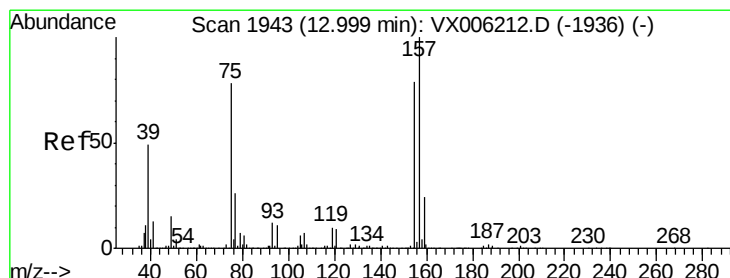
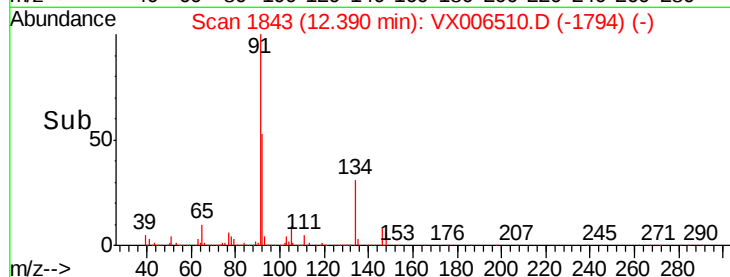
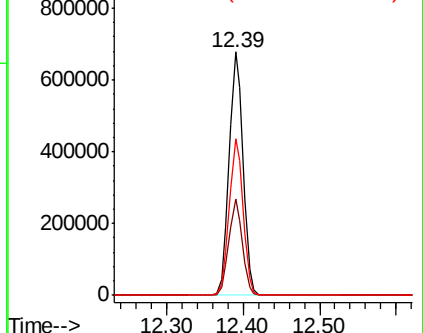
148 64.1 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.474 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006510.D

Acq: 14 Dec 2018 11:33

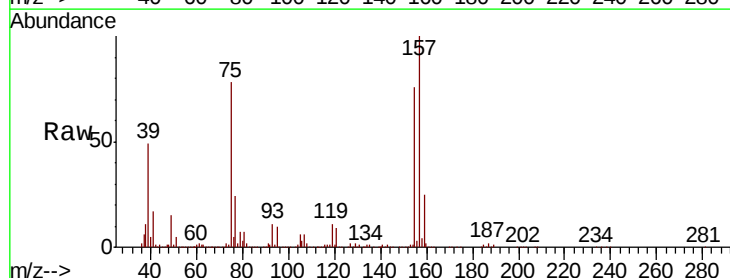
Tgt Ion: 75 Resp: 113390

Ion Ratio Lower Upper

75 100

155 100.9 53.4 160.3

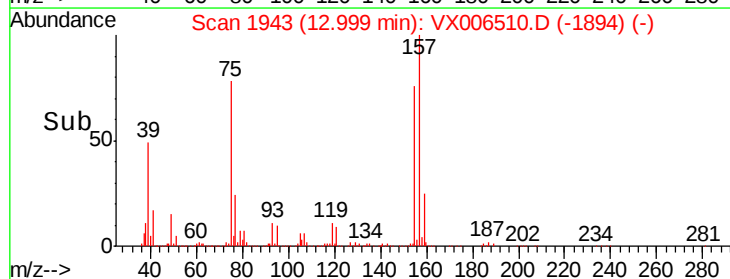
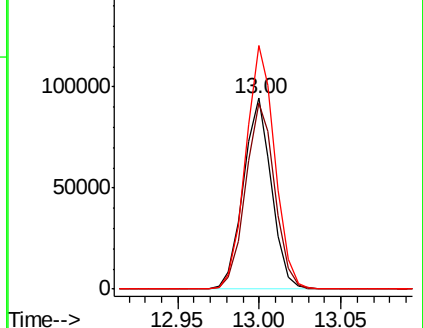
157 132.2 68.0 203.8

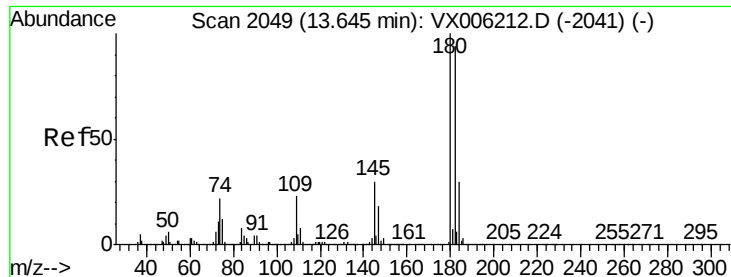


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

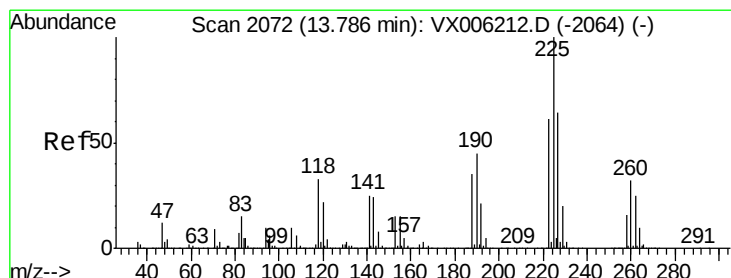
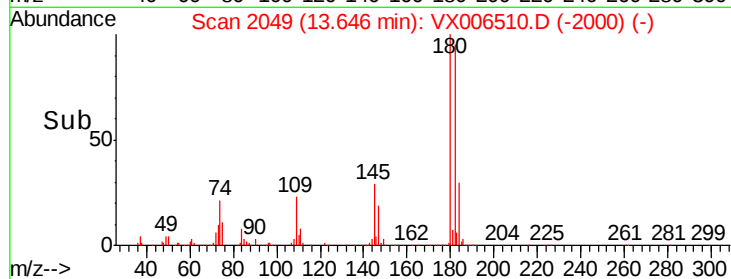
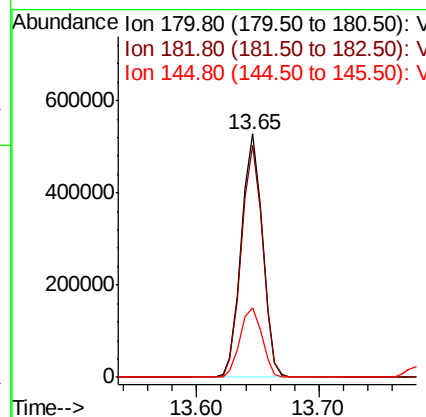
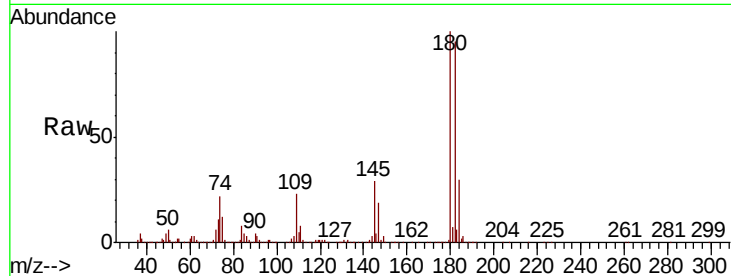




#93
 1,2,4-Trichlorobenzene
 Concen: 51.444 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

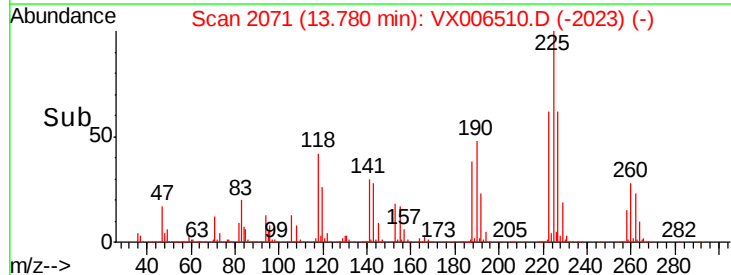
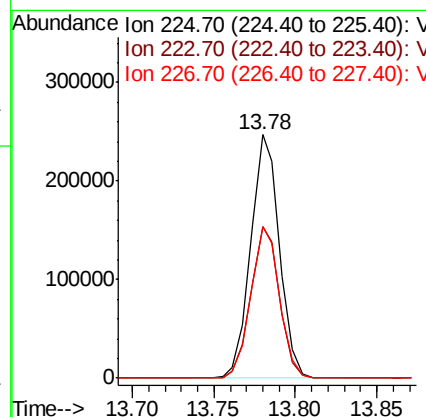
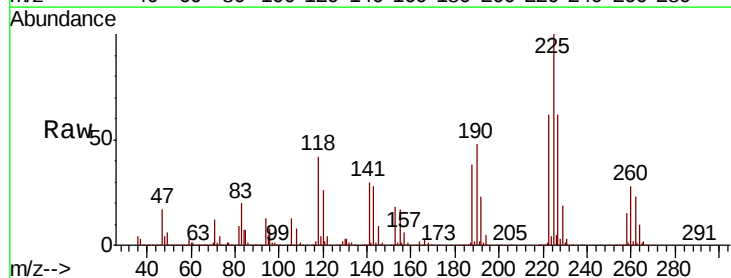
Instrument :
 MSVOA_X
 ClientSampleId :

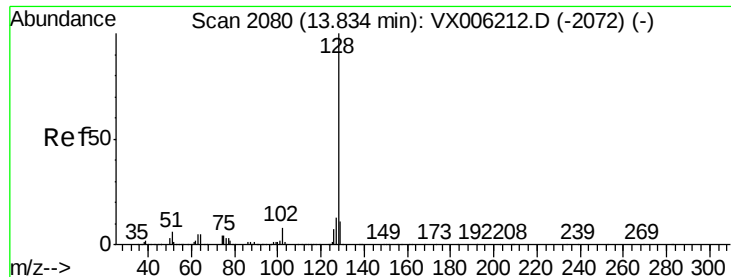
Tot Ion:180 Resp: 628351
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 141.9
 145 29.9 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 55.942 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006510.D
 Acq: 14 Dec 2018 11:33

Tgt Ion:225 Resp: 302177
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 62.2 31.9 95.5

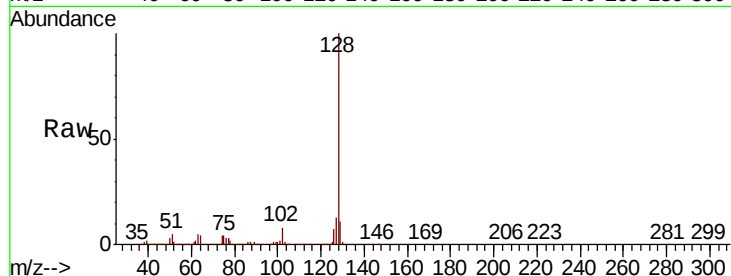




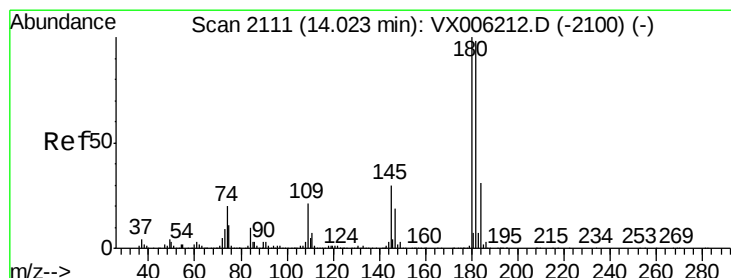
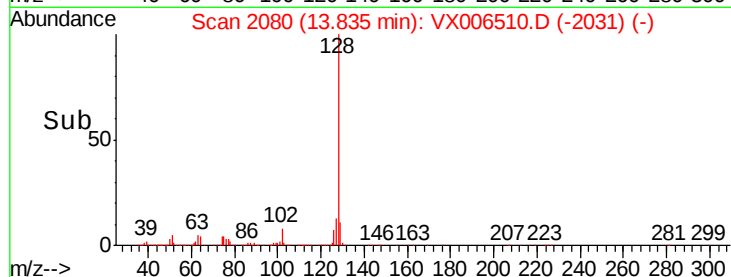
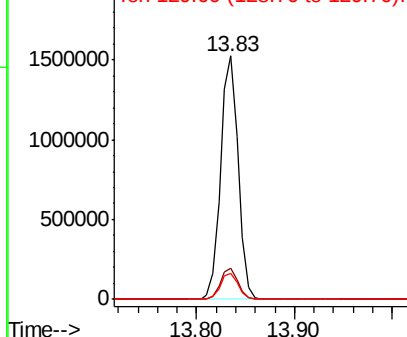
#95
Naphthalene
Concen: 49.654 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1886545
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3

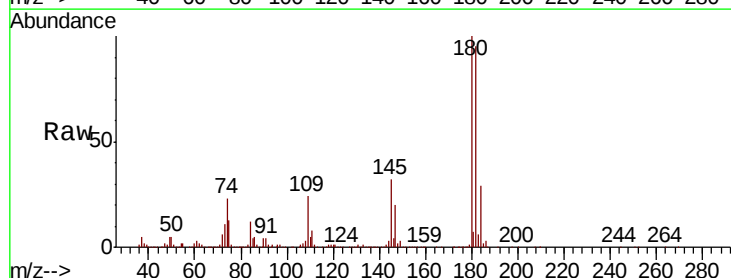


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.457 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006510.D
Acq: 14 Dec 2018 11:33

Tgt Ion:180 Resp: 622518
Ion Ratio Lower Upper
180 100
182 94.7 48.4 145.2
145 31.0 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

