

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006175.D
 Acq On : 26 Nov 2018 15:11
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 02:27:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165849	62.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.94%	
35) Dibromofluoromethane	5.51	113	131049	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
50) Toluene-d8	8.71	98	538115	60.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.96%	
62) 4-Bromofluorobenzene	11.14	95	194509	58.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39743	23.528	ug/l	97
3) Chloromethane	1.32	50	48648	22.799	ug/l	99
4) Vinyl Chloride	1.41	62	49917	22.999	ug/l	96
5) Bromomethane	1.64	94	30213	20.469	ug/l	100
6) Chloroethane	1.72	64	29840	33.389	ug/l	97
7) Trichlorofluoromethane	1.93	101	68328	24.065	ug/l	96
8) Diethyl Ether	2.19	74	28794	23.990	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39826	23.655	ug/l	98
10) Methyl Iodide	2.51	142	35990	17.050	ug/l	97
11) Tert butyl alcohol	3.07	59	71527	127.657	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37196	22.662	ug/l	95
13) Acrolein	2.29	56	36748	109.604	ug/l	100
14) Allyl chloride	2.73	41	80418	23.948	ug/l	99
15) Acrylonitrile	3.15	53	148546	120.029	ug/l	99
16) Acetone	2.45	43	145699	124.658	ug/l	100
17) Carbon Disulfide	2.57	76	112494	25.383	ug/l	98
18) Methyl Acetate	2.78	43	77515	25.862	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	138023	24.329	ug/l	97
20) Methylene Chloride	2.85	84	43630	24.485	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	41149	23.962	ug/l	93
22) Diisopropyl ether	3.87	45	164129	22.832	ug/l	99
23) Vinyl Acetate	3.82	43	701272	117.589	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86042	25.407	ug/l	99
25) 2-Butanone	4.70	43	242816	111.926	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64556	23.128	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	51231	21.345	ug/l	96
28) Bromochloromethane	5.02	49	45993	23.302	ug/l	99
29) Tetrahydrofuran	5.15	42	155886	115.187	ug/l	99
30) Chloroform	5.21	83	90916	22.153	ug/l	99
31) Cyclohexane	5.58	56	72479	20.489	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	78815	23.784	ug/l	99
36) 1,1-Dichloropropene	5.80	75	63491	19.364	ug/l	99
37) Ethyl Acetate	4.85	43	84315	19.988	ug/l	100
38) Carbon Tetrachloride	5.78	117	67972	22.056	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76311	20.429	ug/l	96
40) Benzene	6.15	78	200980	20.806	ug/l	99
41) Methacrylonitrile	5.06	41	46893	20.172	ug/l	99
42) 1,2-Dichloroethane	6.20	62	79604	22.042	ug/l	100
43) Isopropyl Acetate	6.46	43	134183	22.026	ug/l	99
44) Trichloroethene	7.21	130	59466	22.149	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58972	23.068	ug/l	99
46) Dibromomethane	7.66	93	39411	22.511	ug/l	99
47) Bromodichloromethane	7.90	83	74575	23.031	ug/l	95
48) Methyl methacrylate	7.77	41	71551	23.159	ug/l	99
49) 1,4-Dioxane	7.75	88	32192	439.179	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	502368	115.029	ug/l	100
52) Toluene	8.79	92	139002	23.264	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	74946	22.180	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84218	22.546	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	57295	22.142	ug/l	97
56) Ethyl methacrylate	9.18	69	78158	21.150	ug/l	99
57) 1,3-Dichloropropane	9.37	76	95107	22.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	236671	109.131	ug/l	99
59) 2-Hexanone	9.49	43	396217	114.317	ug/l	98
60) Dibromochloromethane	9.59	129	59178	23.326	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60423	22.666	ug/l	100
64) Tetrachloroethene	9.34	164	59548	21.036	ug/l	98
65) Chlorobenzene	10.14	112	153437	21.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54789	22.618	ug/l	99
67) Ethyl Benzene	10.25	91	252860	21.887	ug/l	100
68) m/p-Xylenes	10.36	106	198767	44.184	ug/l	98
69) o-Xylene	10.70	106	94131	21.906	ug/l	100
70) Styrene	10.71	104	156638	22.356	ug/l	99
71) Bromoform	10.86	173	47271	21.801	ug/l	100
73) Isopropylbenzene	11.02	105	260320	22.926	ug/l	100
74) N-amyl acetate	10.90	43	114051	21.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94125	21.996	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105126	27.209	ug/l	88
77) Bromobenzene	11.26	156	71015	22.325	ug/l	99
78) n-propylbenzene	11.36	91	299937	22.681	ug/l	100
79) 2-Chlorotoluene	11.42	91	179914	22.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	218816	22.856	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24344	21.310	ug/l	97
82) 4-Chlorotoluene	11.51	91	209780	22.469	ug/l	99
83) tert-Butylbenzene	11.77	119	213046	22.795	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	226411	23.185	ug/l	99
85) sec-Butylbenzene	11.94	105	261427	22.868	ug/l	98
86) p-Isopropyltoluene	12.07	119	230956	22.659	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128980	21.991	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130585	21.478	ug/l	99
89) n-Butylbenzene	12.39	91	196034	21.243	ug/l	99
90) Hexachloroethane	12.60	117	37295	22.929	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128242	21.387	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22180	22.337	ug/l	97

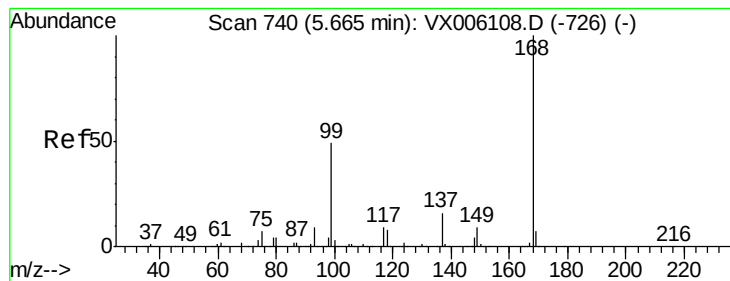
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89967	21.298	ug/l	99
94) Hexachlorobutadiene	13.79	225	43803	21.277	ug/l	99
95) Naphthalene	13.83	128	278275	22.403	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93914	21.808	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

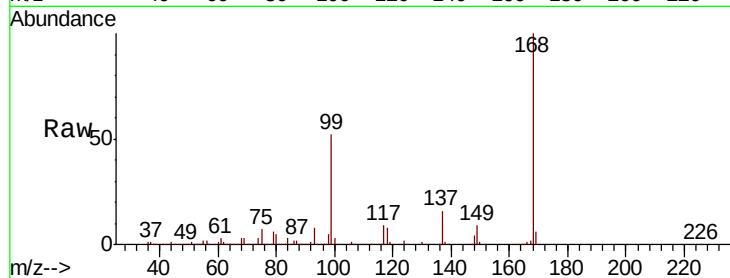
ClientSampleId :

Tot Ion:168 Resp: 227307

Ion Ratio Lower Upper

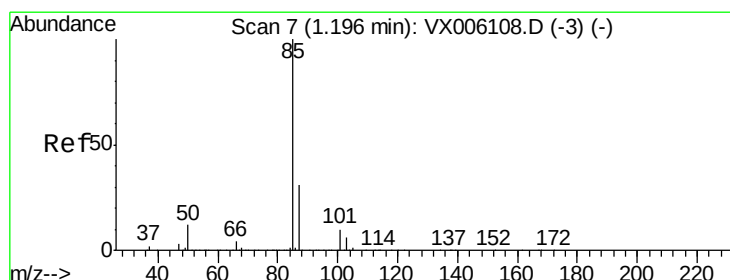
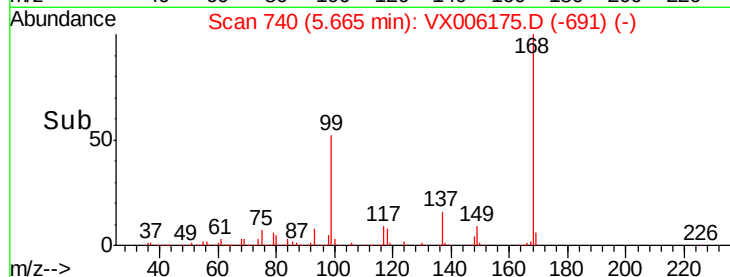
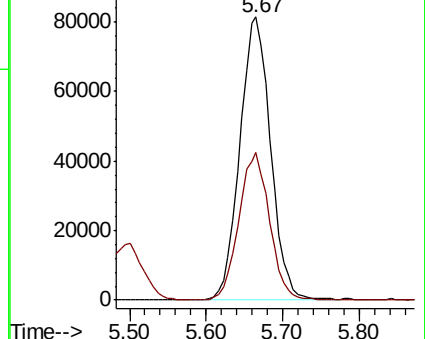
168 100

99 52.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.528 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006175.D

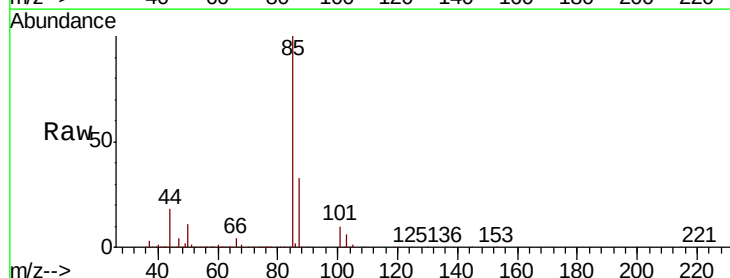
Acq: 26 Nov 2018 15:11

Tgt Ion: 85 Resp: 39743

Ion Ratio Lower Upper

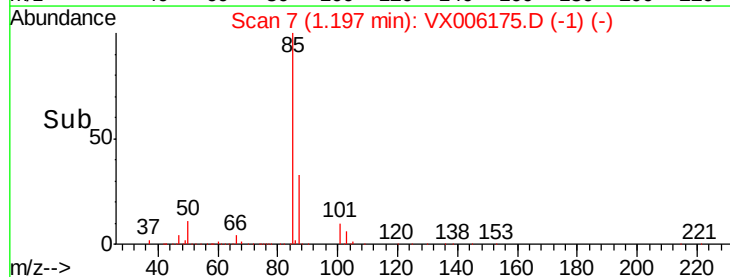
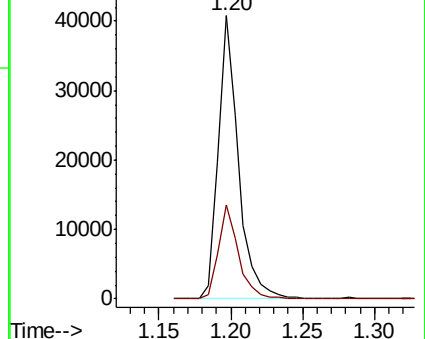
85 100

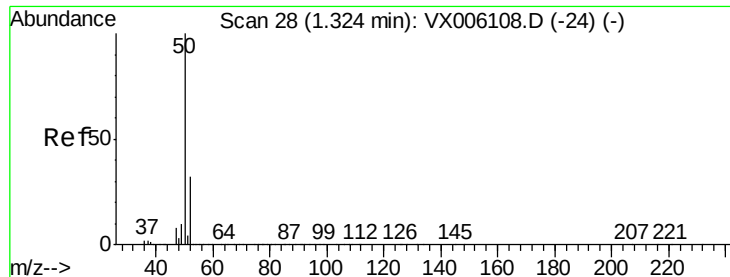
87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 22.799 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

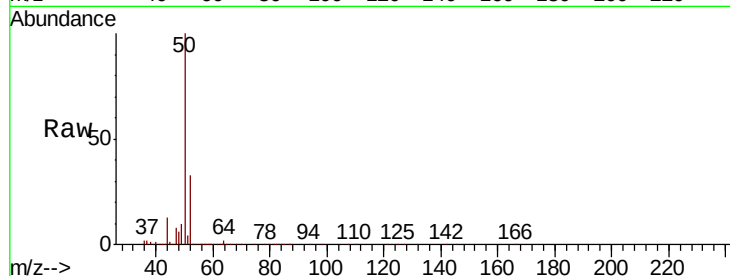
ClientSampleId :

Tot Ion: 50 Resp: 48648

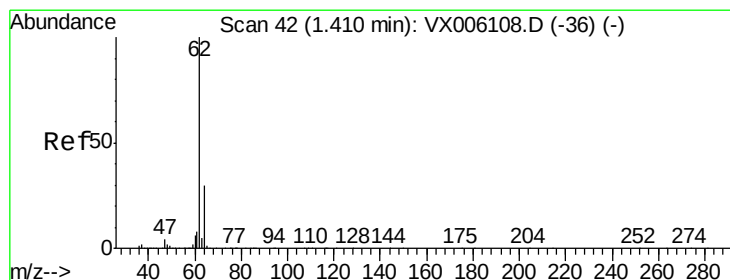
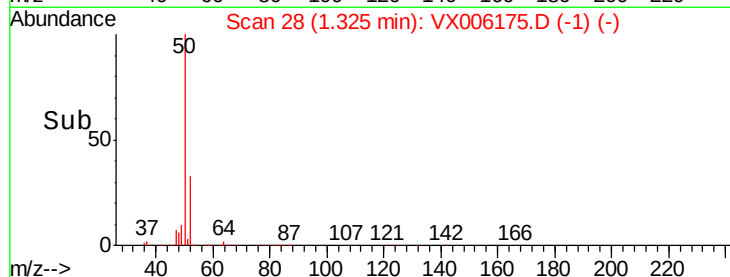
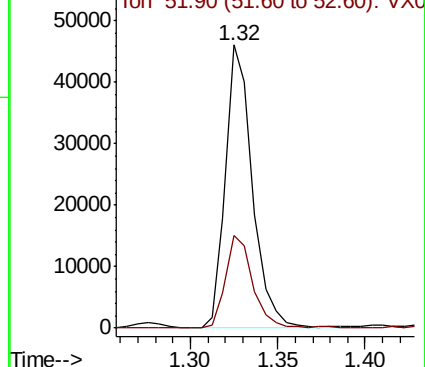
Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX006108.D (-24) (-)



#4

Vinyl Chloride

Concen: 22.999 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006175.D

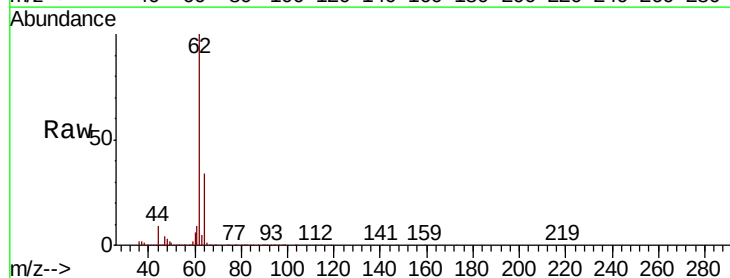
Acq: 26 Nov 2018 15:11

Tgt Ion: 62 Resp: 49917

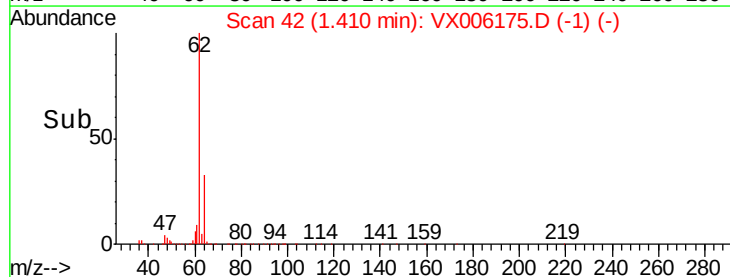
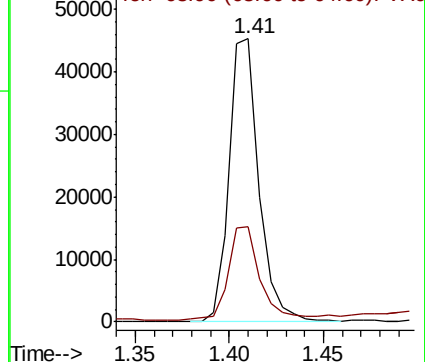
Ion Ratio Lower Upper

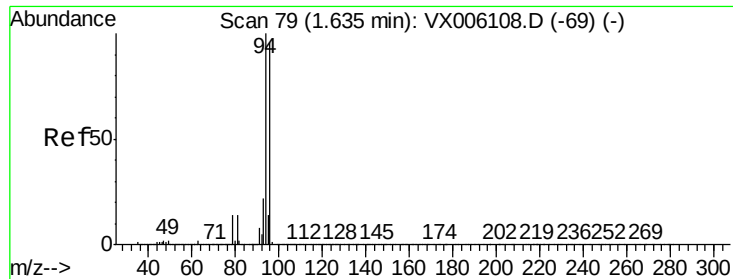
62 100

64 32.7 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX006108.D (-36) (-)





#5

Bromomethane

Concen: 20.469 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

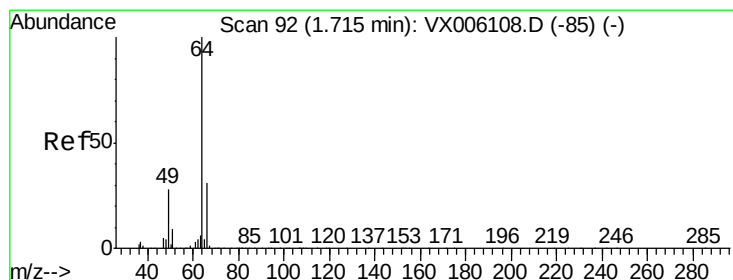
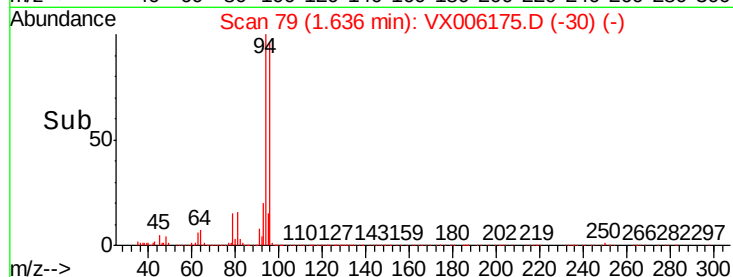
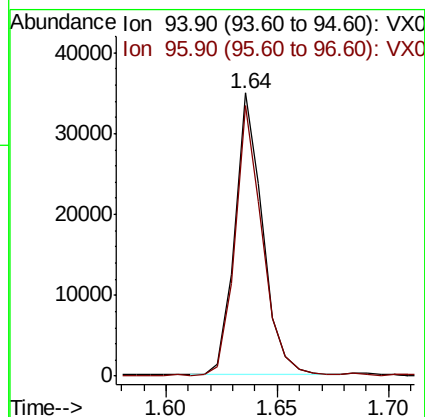
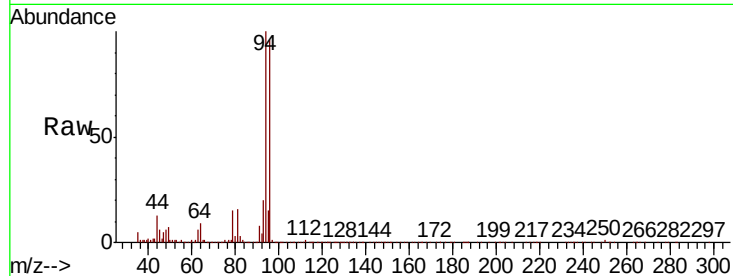
ClientSampleId :

Tot Ion: 94 Resp: 30213

Ion Ratio Lower Upper

94 100

96 95.7 76.7 115.1



#6

Chloroethane

Concen: 33.389 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006175.D

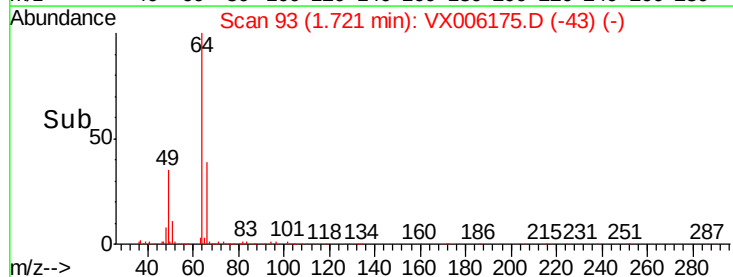
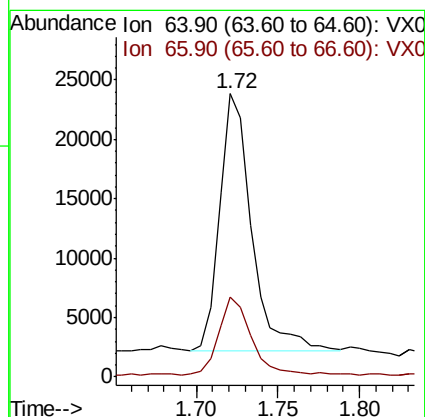
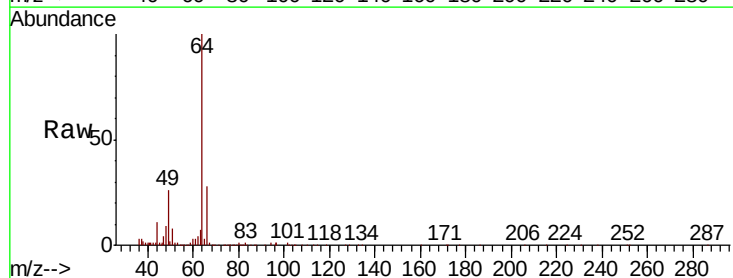
Acq: 26 Nov 2018 15:11

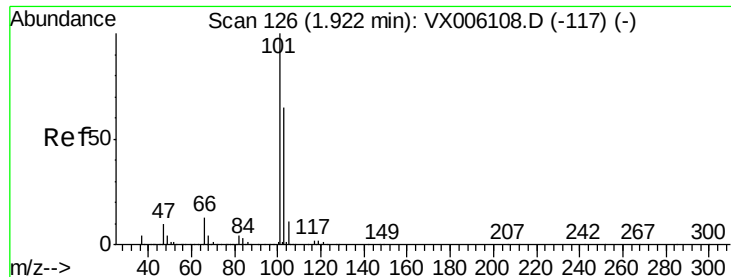
Tgt Ion: 64 Resp: 29840

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7



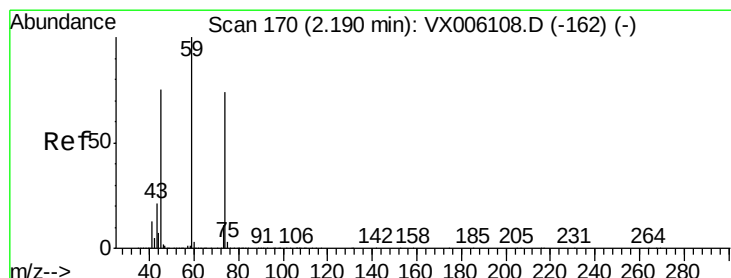
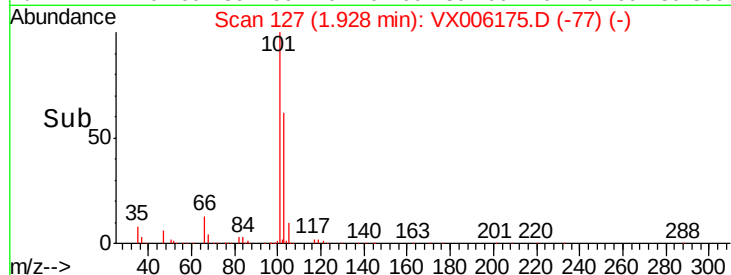
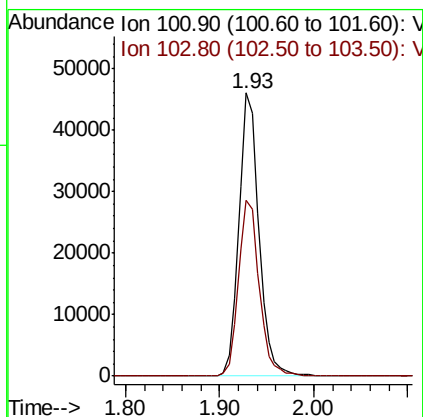
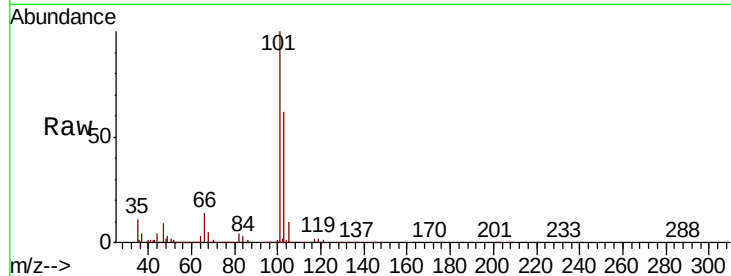


#7

Trichlorofluoromethane
 Concen: 24.065 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampled :

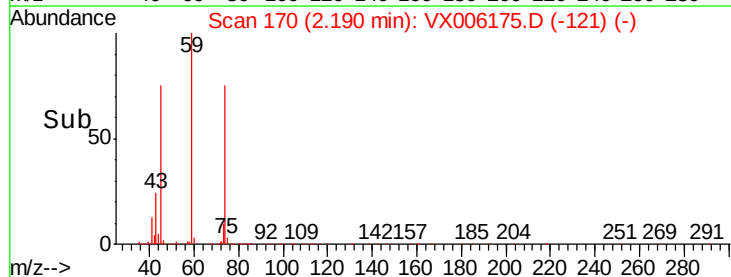
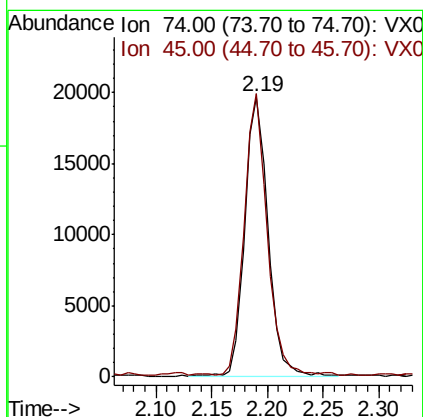
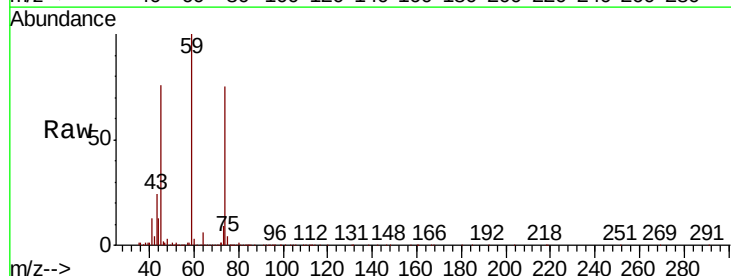
Tot Ion:101 Resp: 68328
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.1 78.1

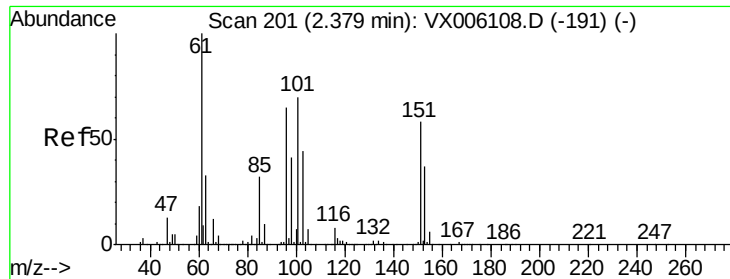


#8

Diethyl Ether
 Concen: 23.990 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion: 74 Resp: 28794
 Ion Ratio Lower Upper
 74 100
 45 98.2 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.655 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampled :

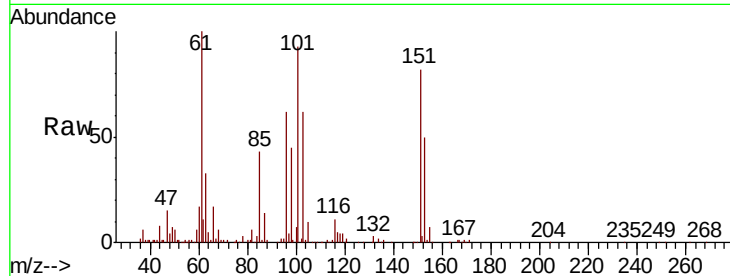
Tot Ion:101 Resp: 39826

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

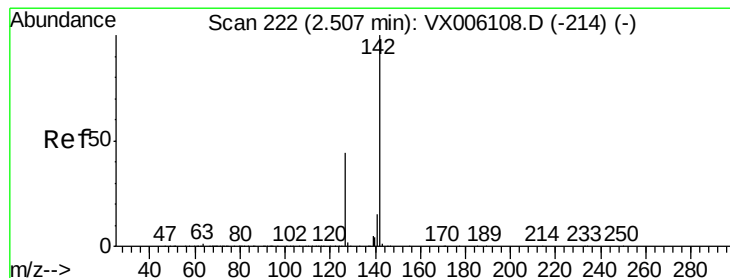
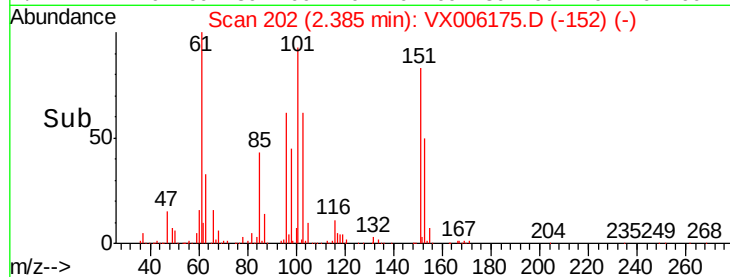
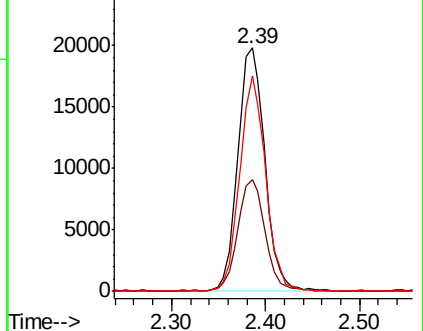
151 84.4 65.8 98.6



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: 17.050 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

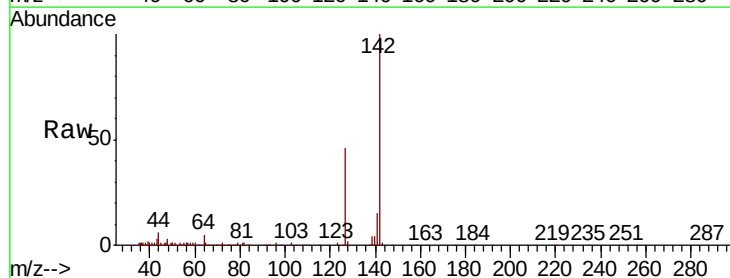
Tgt Ion:142 Resp: 35990

Ion Ratio Lower Upper

142 100

127 47.1 36.0 54.0

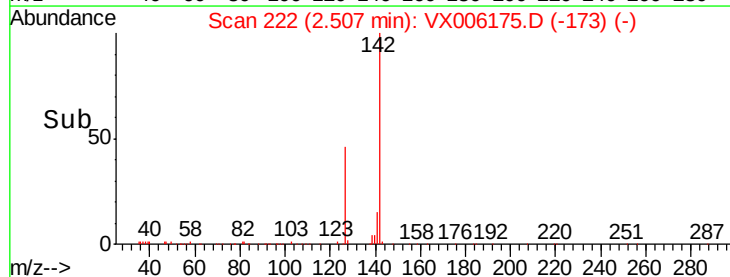
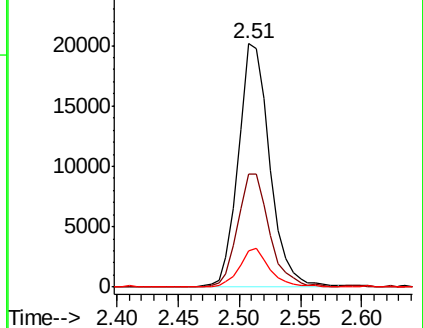
141 15.1 11.7 17.5

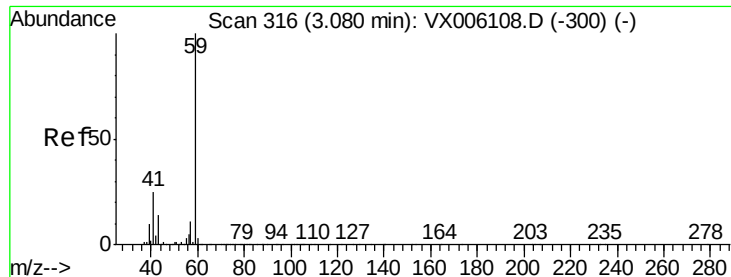


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



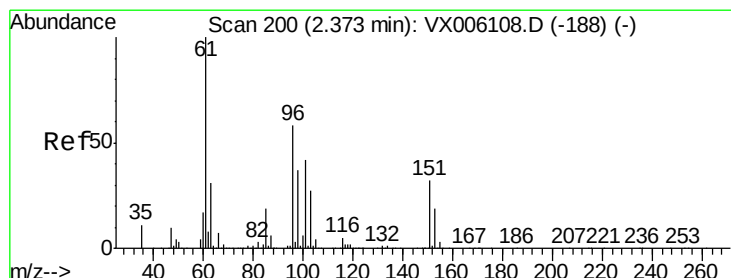
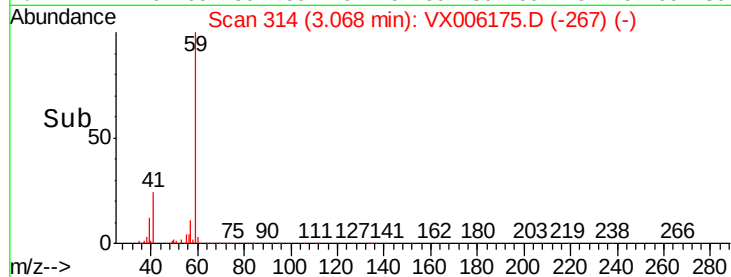
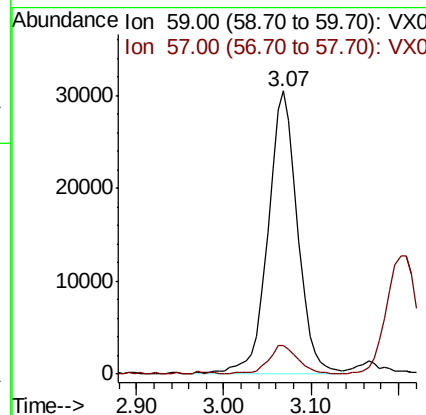
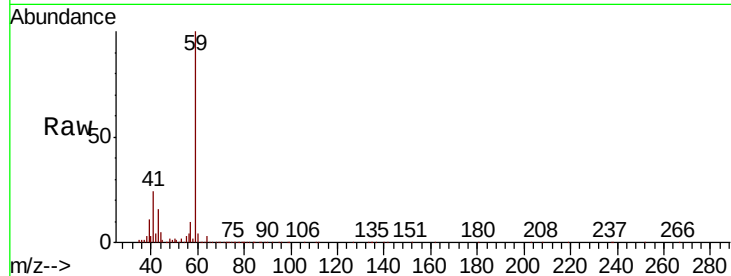


#11

Tert butyl alcohol
 Concen: 127.657 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :

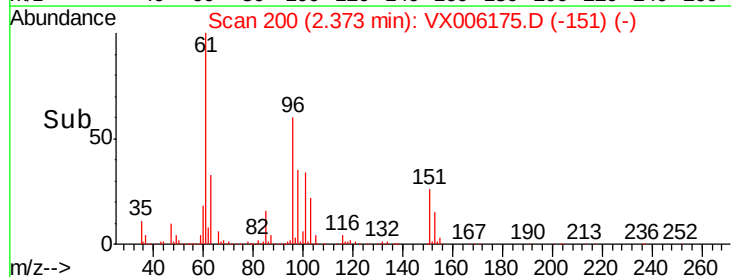
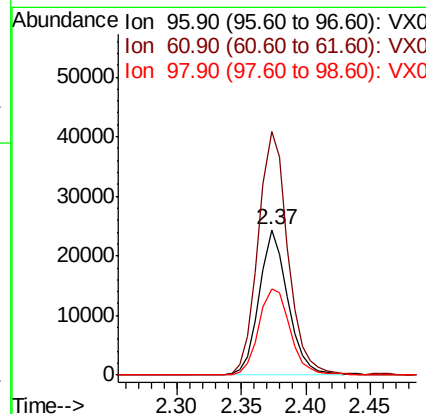
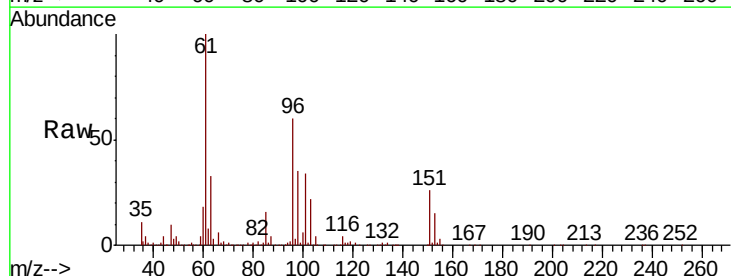
Tot Ion: 59 Resp: 71527
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.7 13.1

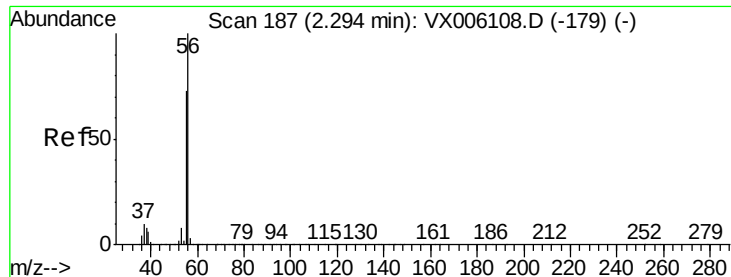


#12

1,1-Dichloroethene
 Concen: 22.662 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion: 96 Resp: 37196
 Ion Ratio Lower Upper
 96 100
 61 167.4 138.2 207.4
 98 58.9 51.3 76.9





#13

Acrolein

Concen: 109.604 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

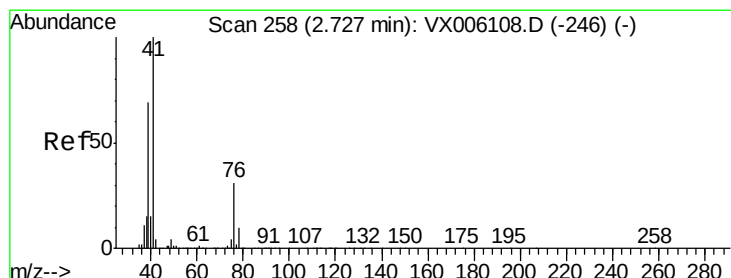
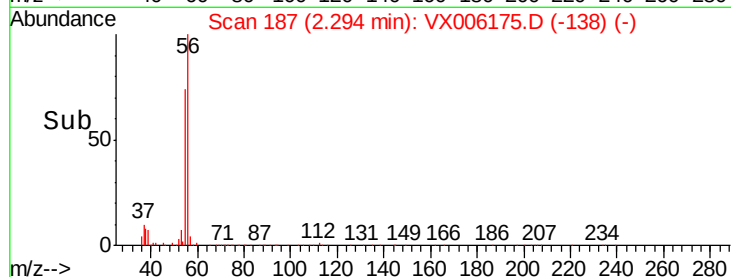
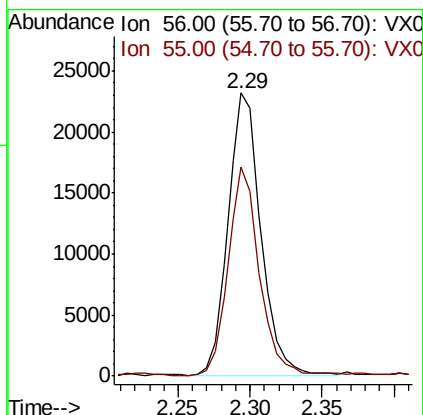
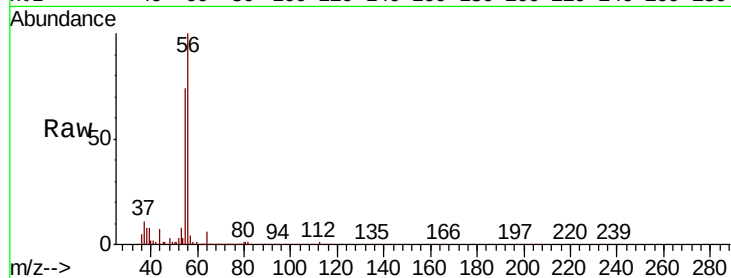
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 36748

Ion Ratio Lower Upper

56 100

55 71.8 57.8 86.6



#14

Allyl chloride

Concen: 23.948 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

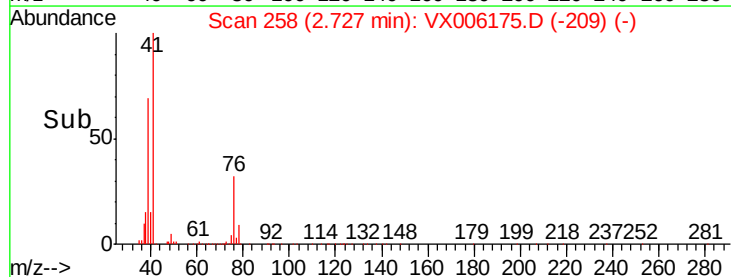
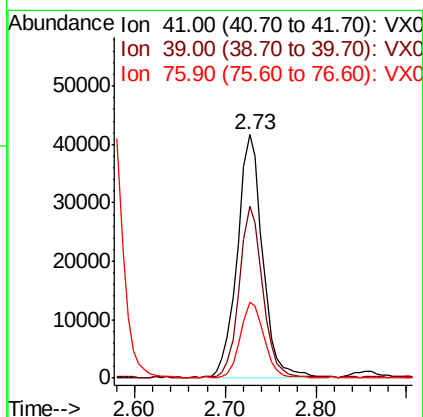
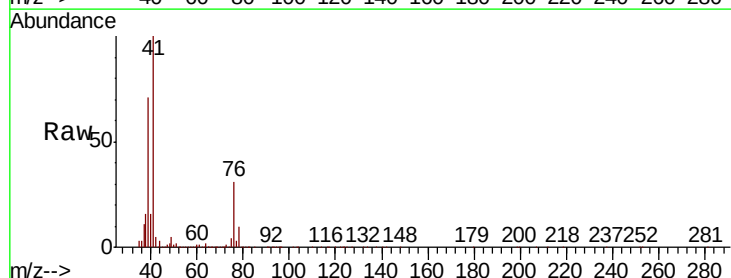
Tgt Ion: 41 Resp: 80418

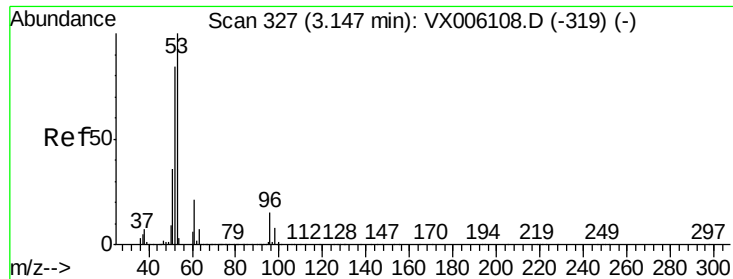
Ion Ratio Lower Upper

41 100

39 64.9 52.5 78.7

76 29.2 23.4 35.2





#15

Acrylonitrile

Concen: 120.029 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

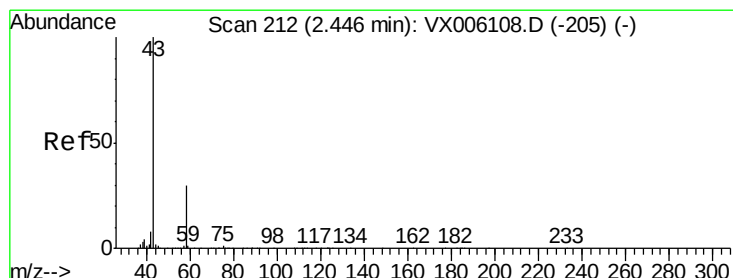
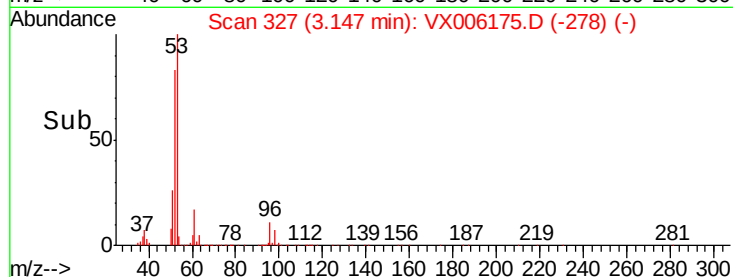
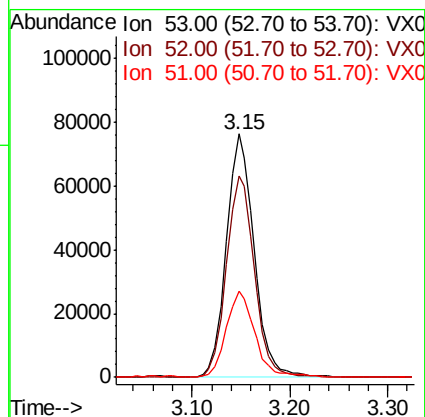
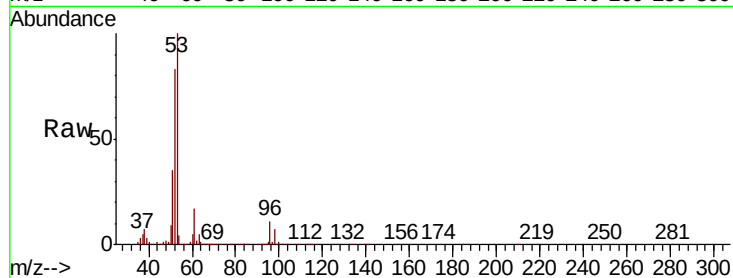
Tot Ion: 53 Resp: 148546

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

51 36.4 29.4 44.0



#16

Acetone

Concen: 124.658 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006175.D

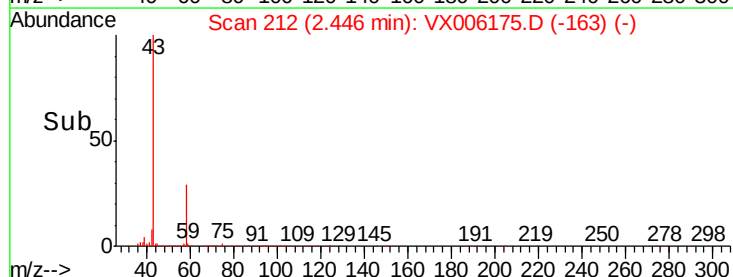
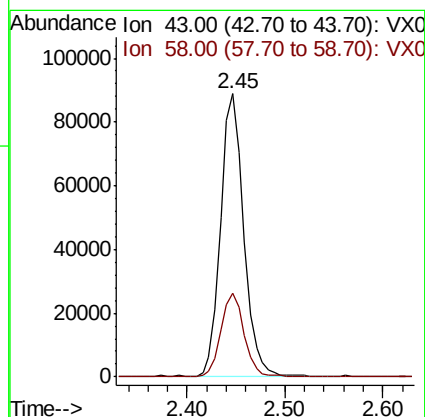
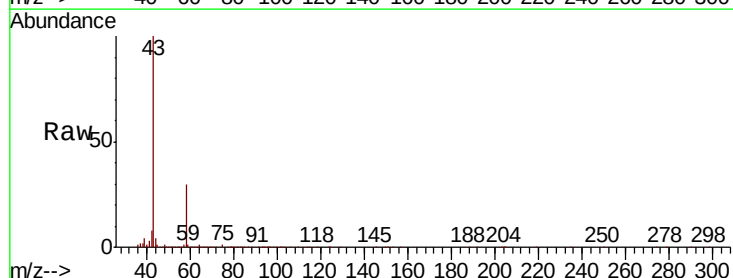
Acq: 26 Nov 2018 15:11

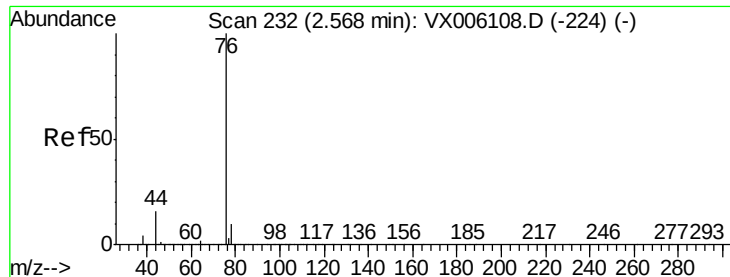
Tgt Ion: 43 Resp: 145699

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.8





#17

Carbon Disulfide

Concen: 25.383 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

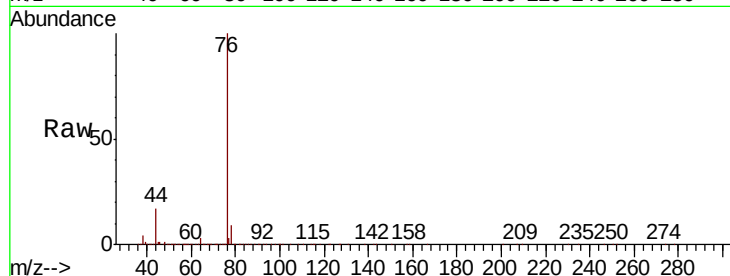
ClientSampleId :

Tot Ion: 76 Resp: 112494

Ion Ratio Lower Upper

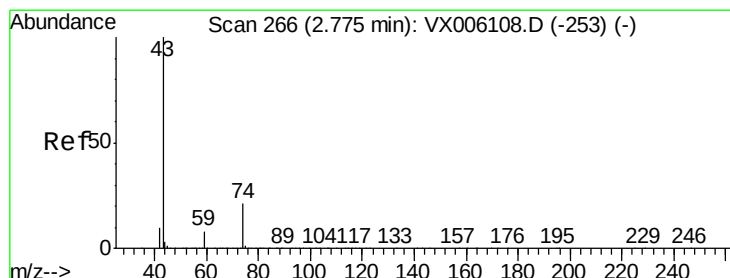
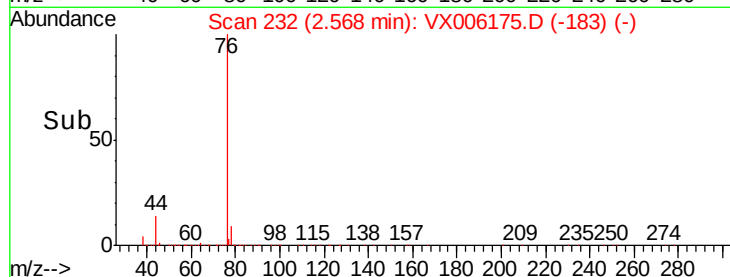
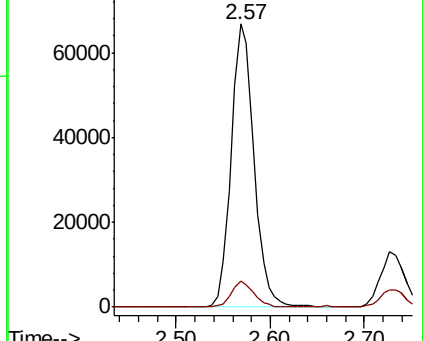
76 100

78 8.9 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.862 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006175.D

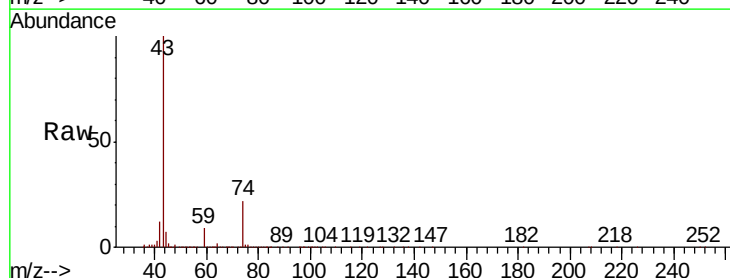
Acq: 26 Nov 2018 15:11

Tgt Ion: 43 Resp: 77515

Ion Ratio Lower Upper

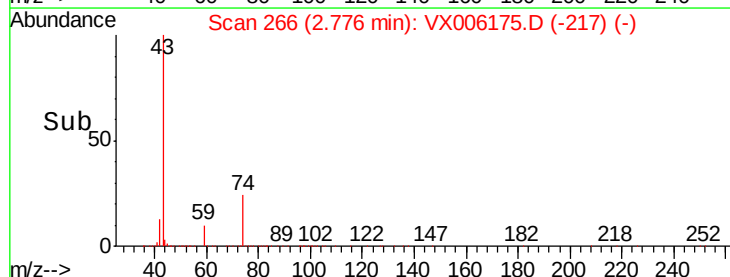
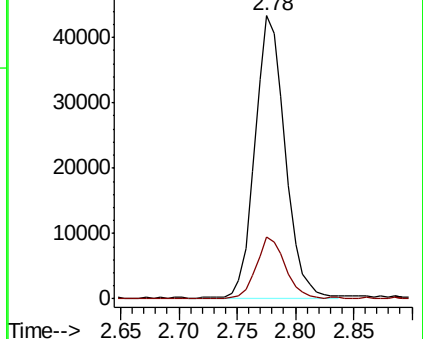
43 100

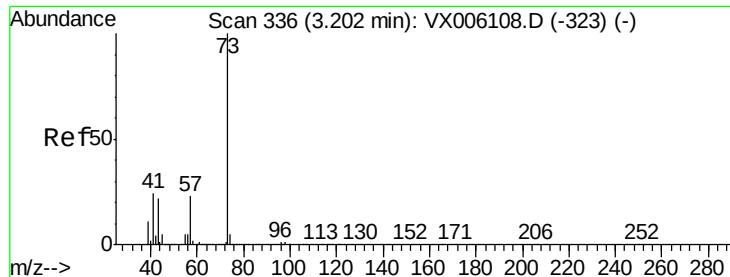
74 21.1 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

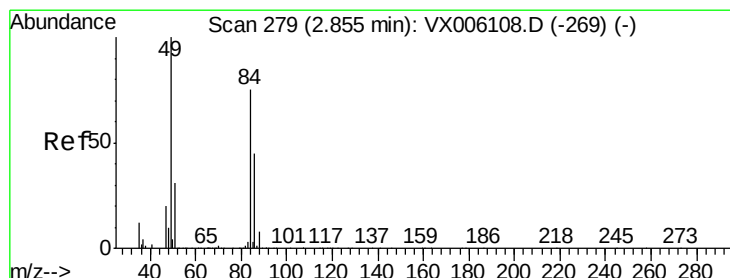
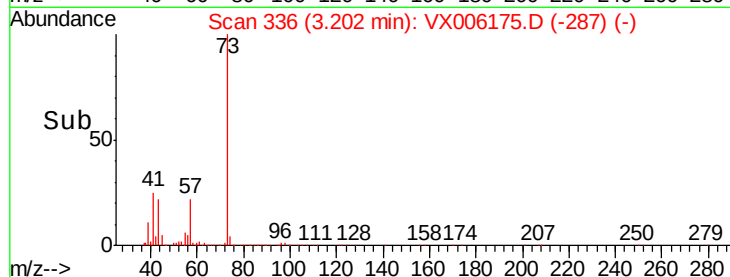
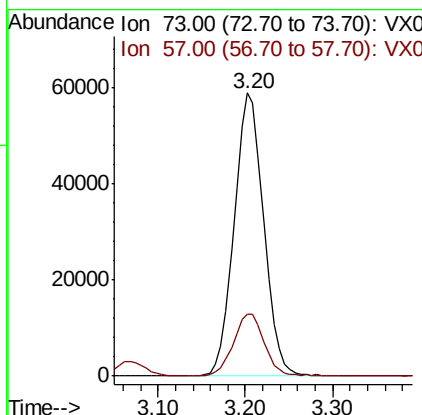
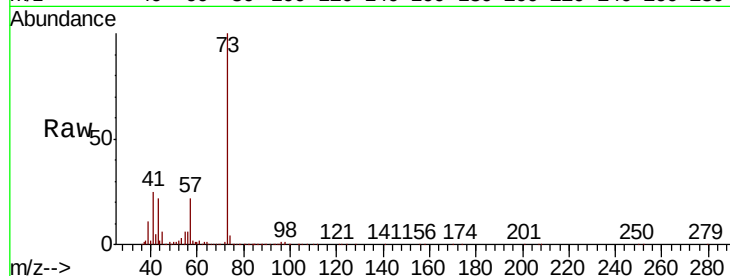




#19
Methyl tert-butyl Ether
Concen: 24.329 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

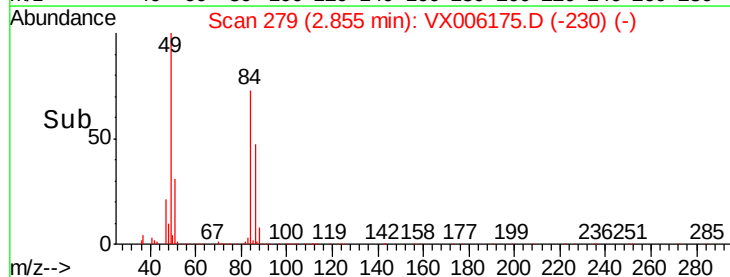
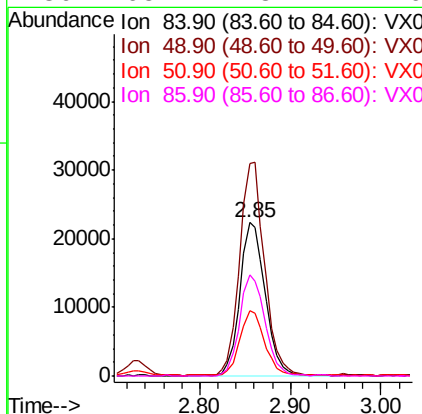
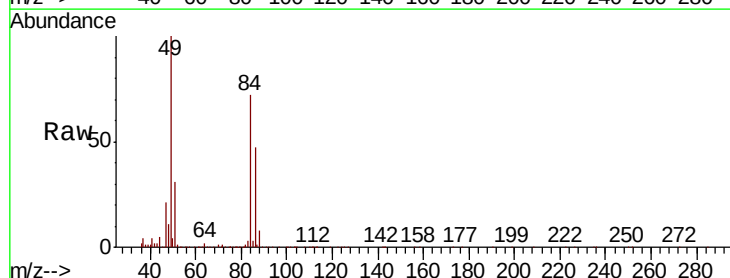
Instrument :
MSVOA_X
ClientSampleId :

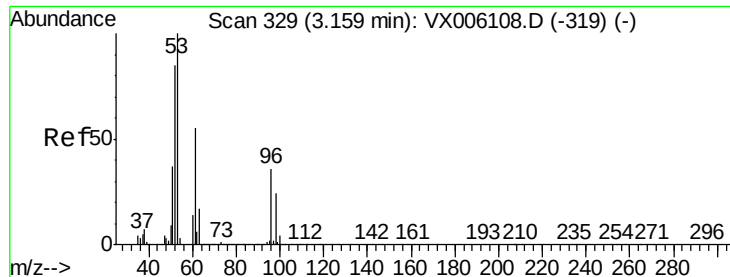
Tot Ion: 73 Resp: 138023
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4



#20
Methylene Chloride
Concen: 24.485 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 84 Resp: 43630
Ion Ratio Lower Upper
84 100
49 138.1 106.6 159.8
51 42.1 32.6 49.0
86 65.7 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 23.962 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :

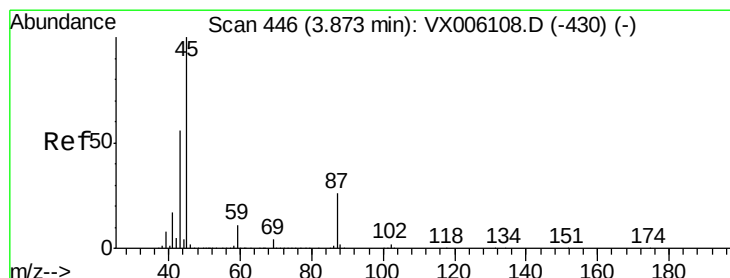
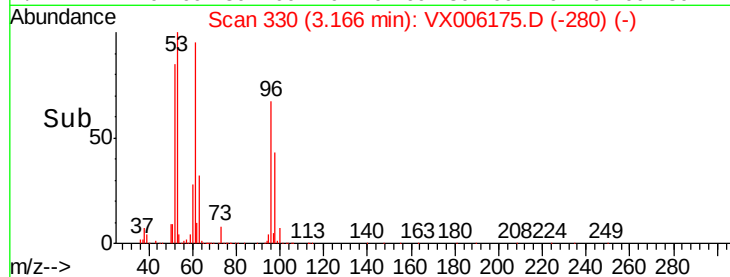
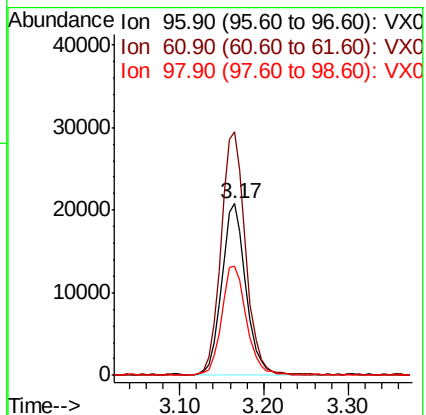
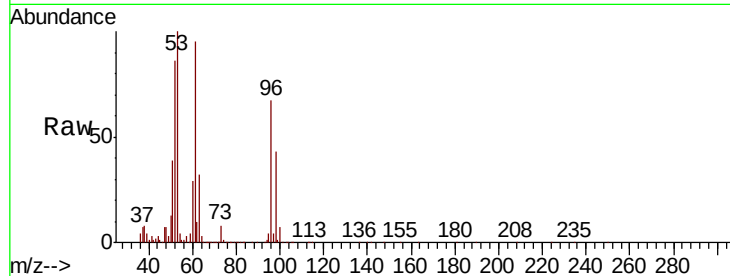
Tot Ion: 96 Resp: 41149

Ion Ratio Lower Upper

96 100

61 141.7 122.0 183.0

98 63.8 52.7 79.1



#22

Diisopropyl ether

Concen: 22.832 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion: 45 Resp: 164129

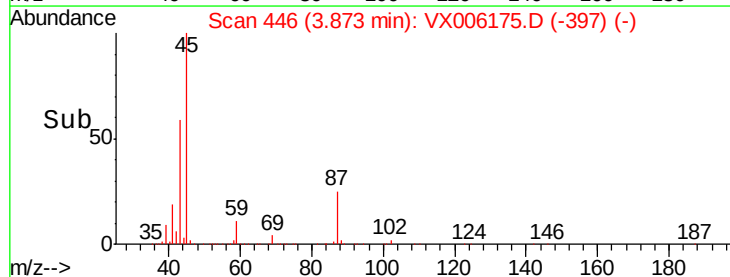
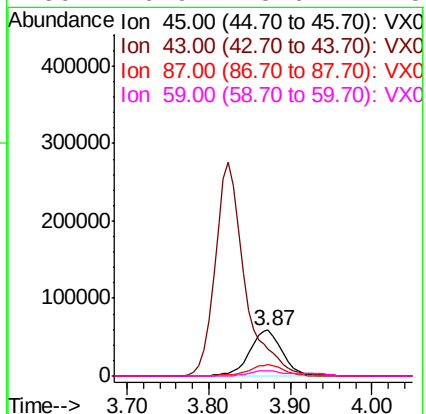
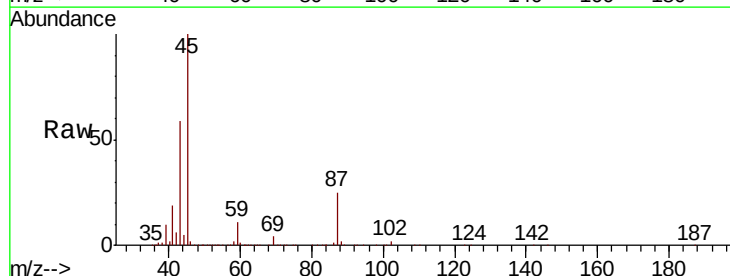
Ion Ratio Lower Upper

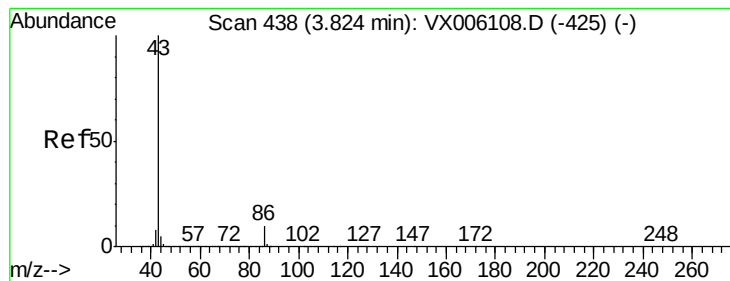
45 100

43 58.2 45.8 68.8

87 25.4 21.0 31.4

59 10.9 8.6 12.8





#23

Vinyl Acetate

Concen: 117.589 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

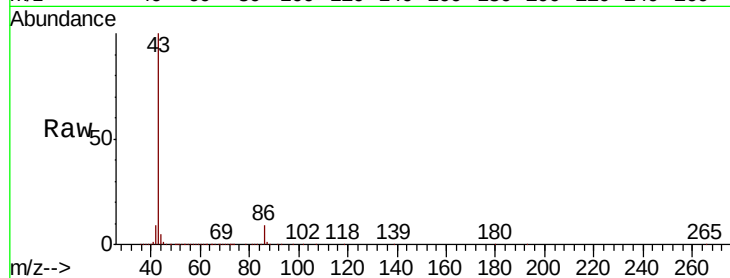
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 701272

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

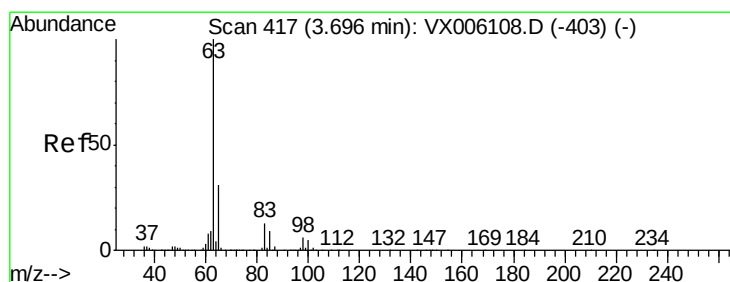
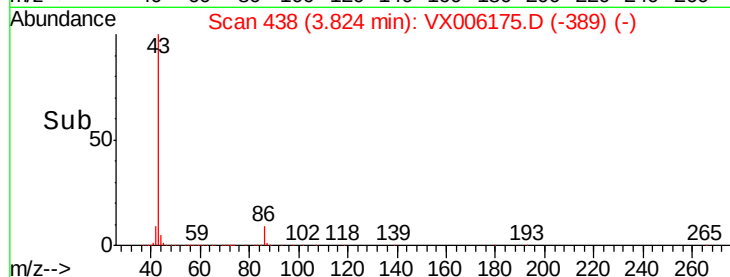
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 25.407 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

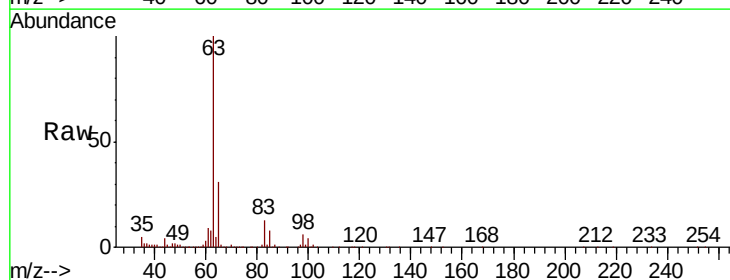
Tgt Ion: 63 Resp: 86042

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.0 2.4 7.1



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

50000

40000

30000

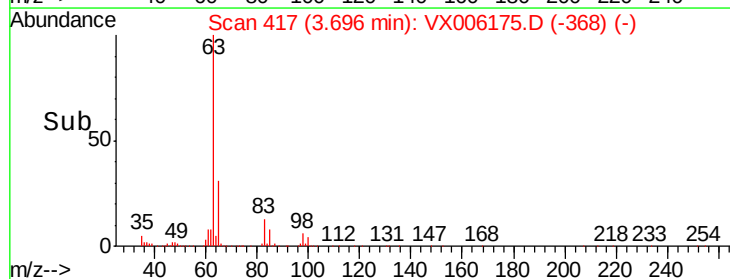
20000

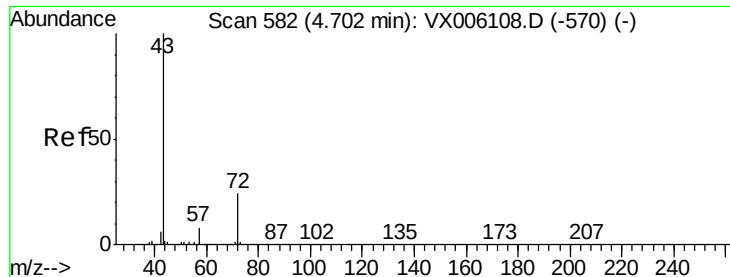
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 111.926 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

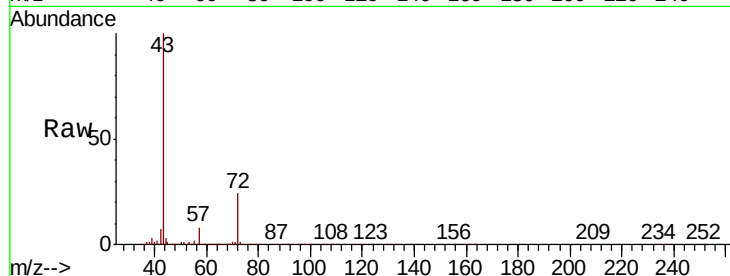
ClientSampleId :

Tot Ion: 43 Resp: 242816

Ion Ratio Lower Upper

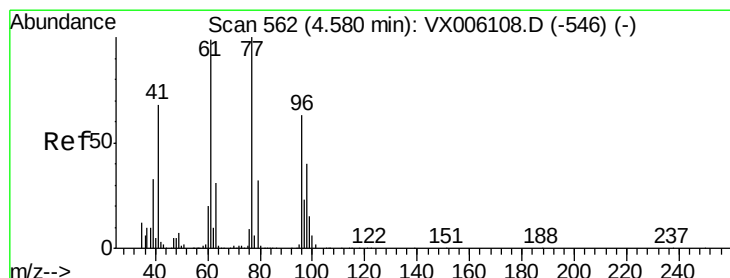
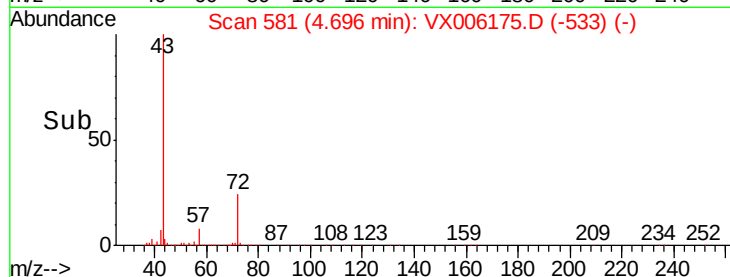
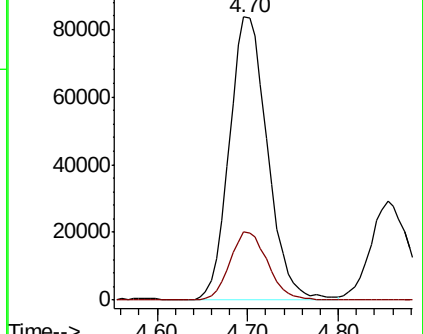
43 100

72 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX006108.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX006108.D (-570) (-)



#26

2,2-Dichloropropane

Concen: 23.128 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006175.D

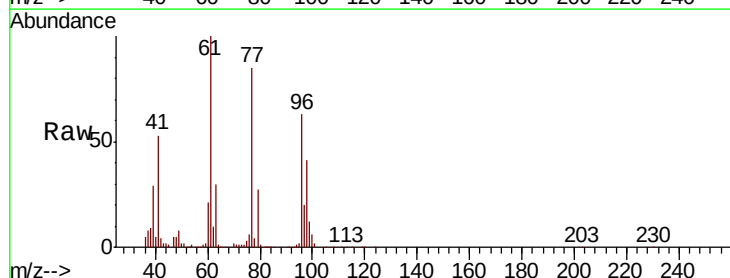
Acq: 26 Nov 2018 15:11

Tgt Ion: 77 Resp: 64556

Ion Ratio Lower Upper

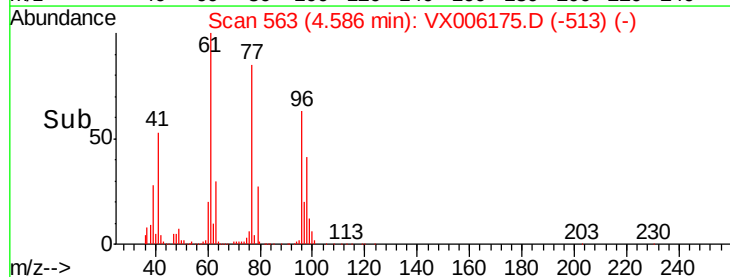
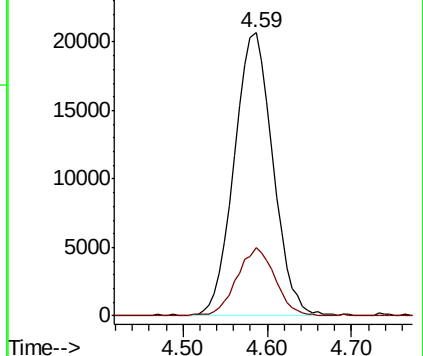
77 100

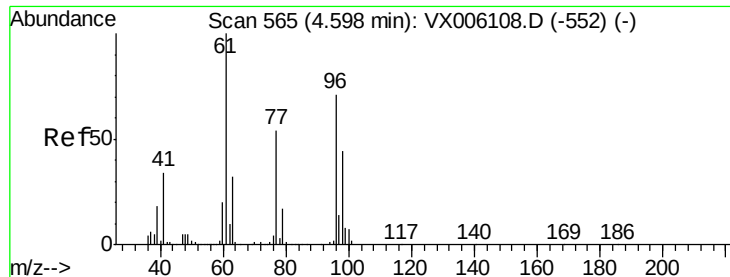
97 23.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX006108.D (-546) (-)

Ion 96.90 (96.60 to 97.60): VX006108.D (-546) (-)



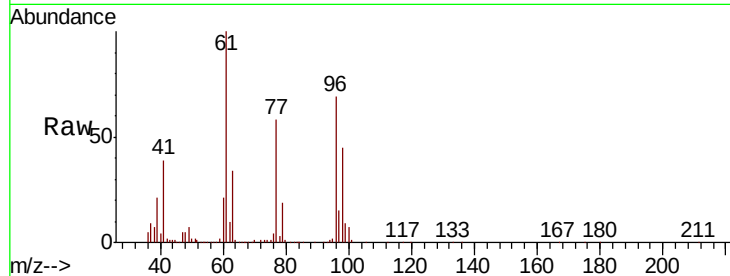


#27

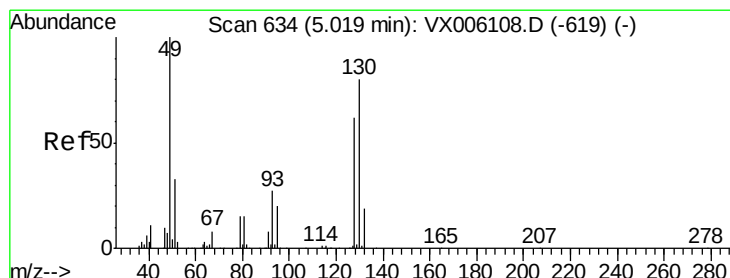
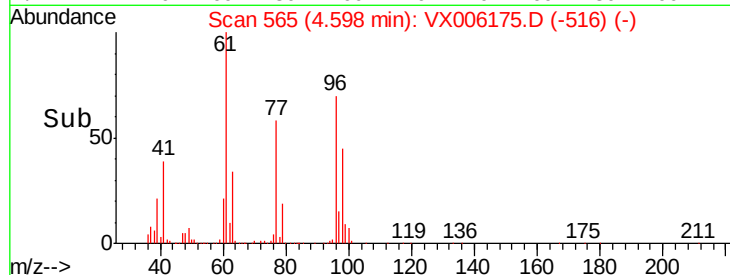
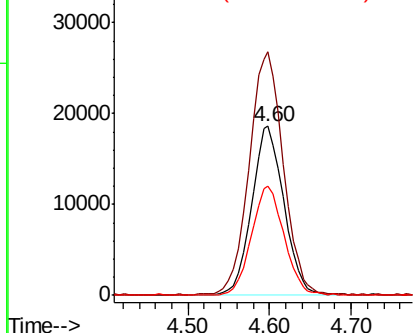
cis-1,2-Dichloroethene
 Concen: 21.345 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	96	Resp	51231
Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	291.6
98	65.7	0.0	128.2



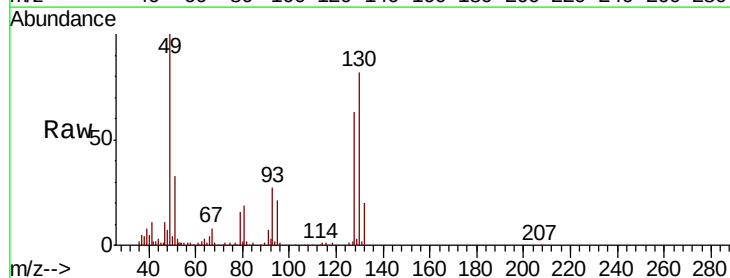
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



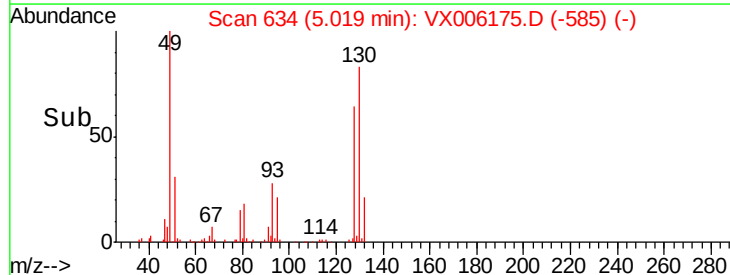
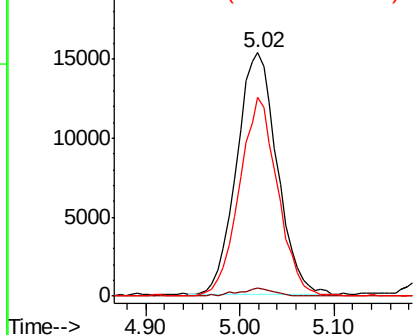
#28

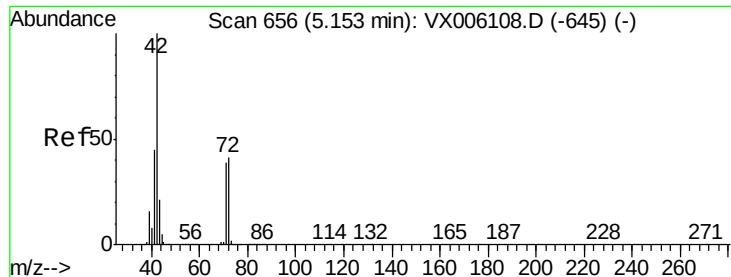
Bromochloromethane
 Concen: 23.302 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion	49	Resp	45993
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.4
130	78.0	61.6	92.4



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





#29

Tetrahydrofuran

Concen: 115.187 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

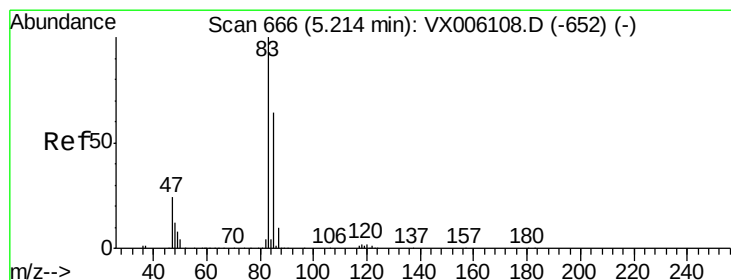
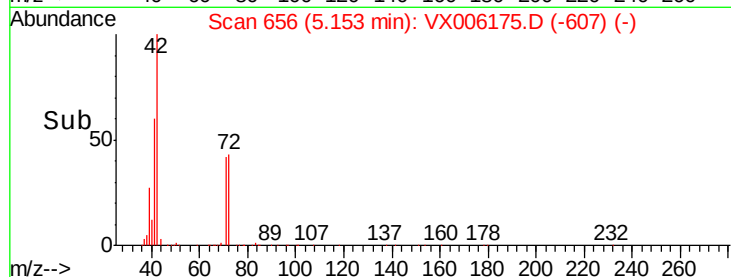
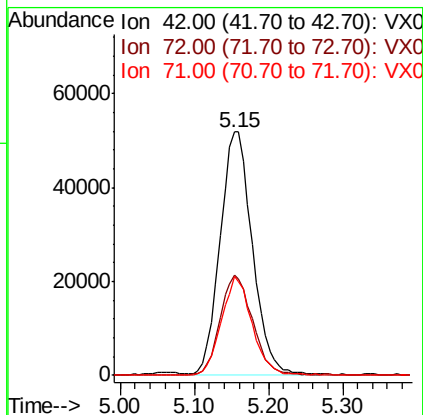
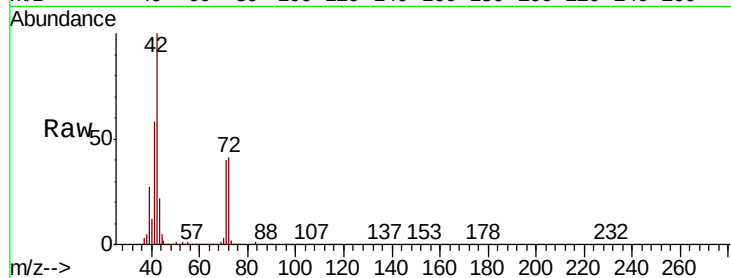
Tot Ion: 42 Resp: 155886

Ion Ratio Lower Upper

42 100

72 41.9 33.0 49.6

71 38.6 31.0 46.4



#30

Chloroform

Concen: 22.153 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006175.D

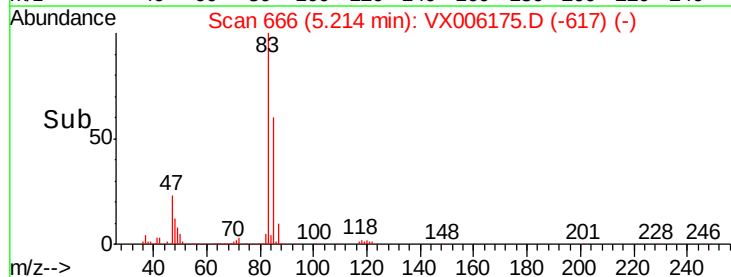
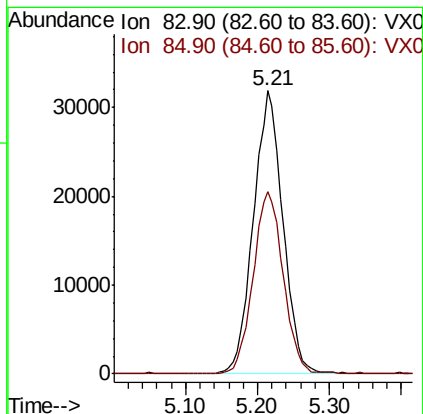
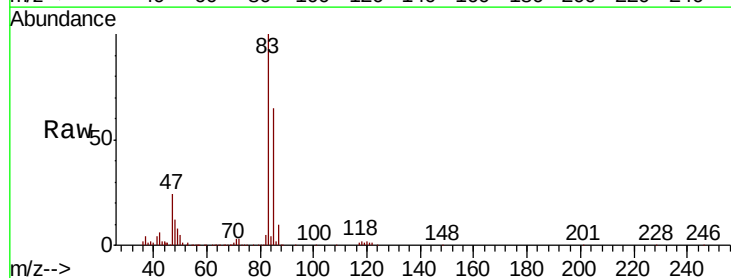
Acq: 26 Nov 2018 15:11

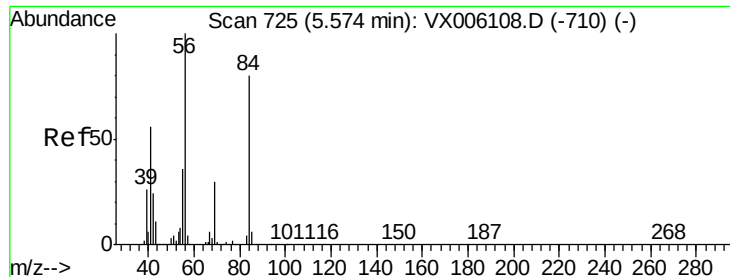
Tgt Ion: 83 Resp: 90916

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.4

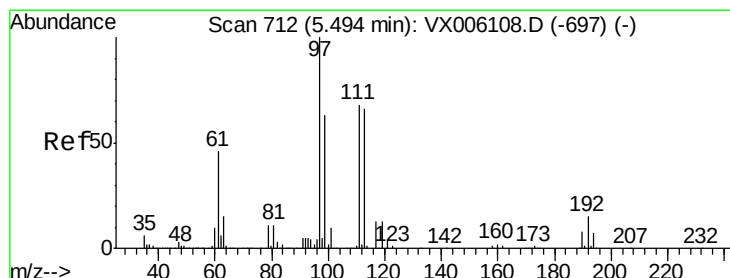
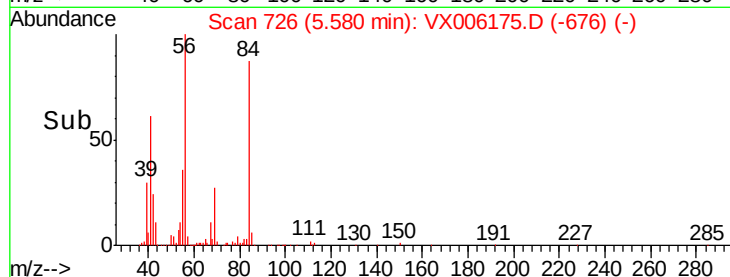
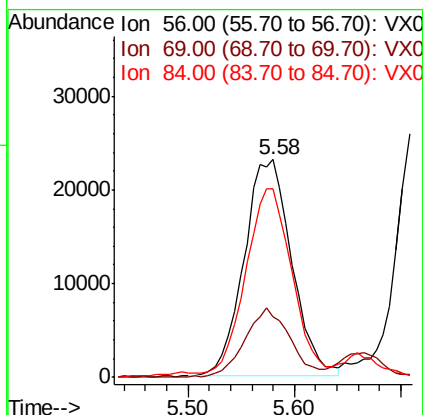
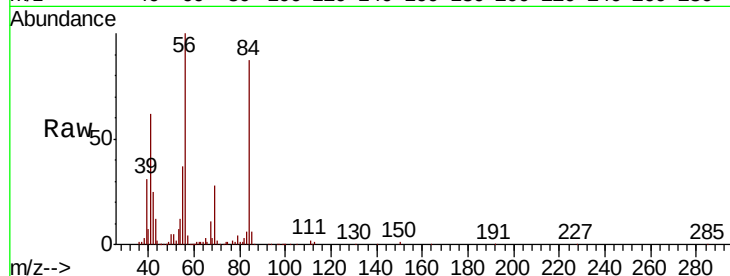




#31
Cyclohexane
Concen: 20.489 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

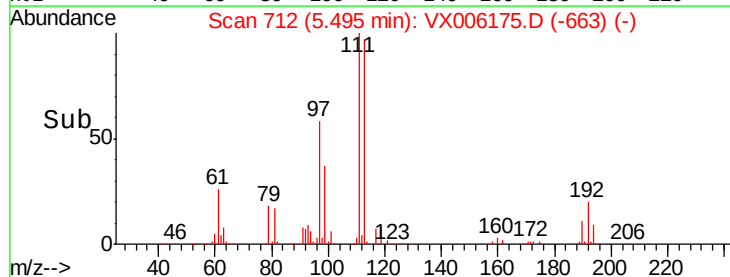
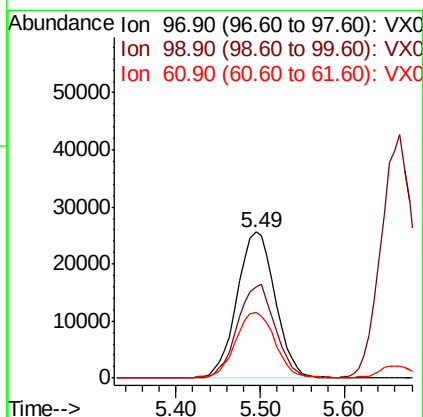
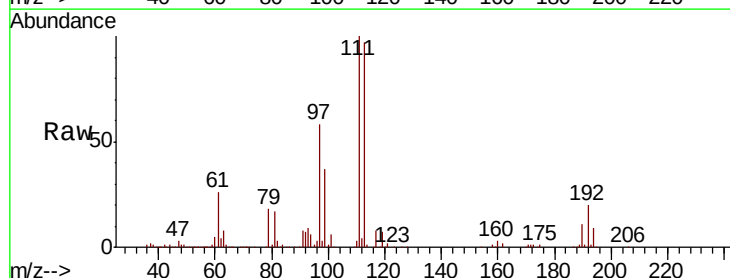
Instrument :
MSVOA_X
ClientSampleId :

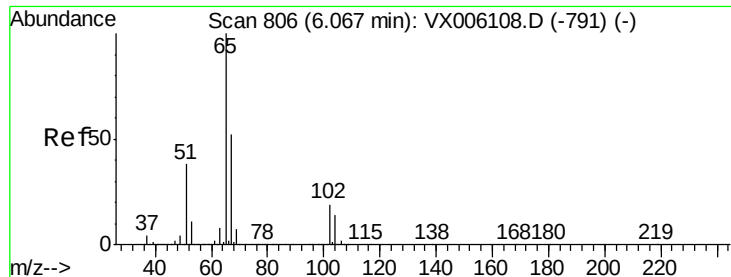
Tot Ion: 56 Resp: 72479
Ion Ratio Lower Upper
56 100
69 27.5 23.9 35.9
84 85.7 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 23.784 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 97 Resp: 78815
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 46.4 36.6 55.0

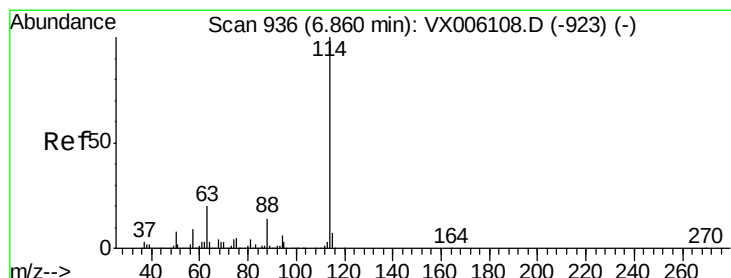
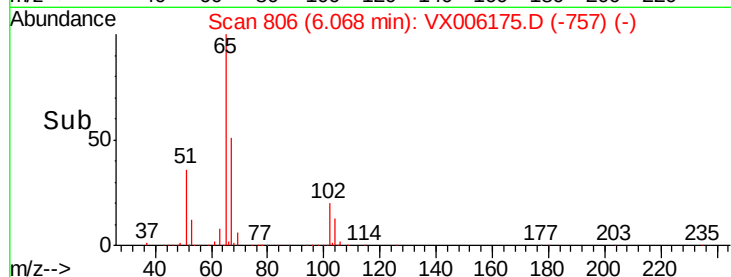
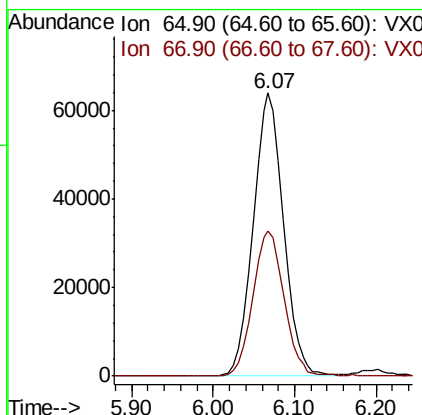
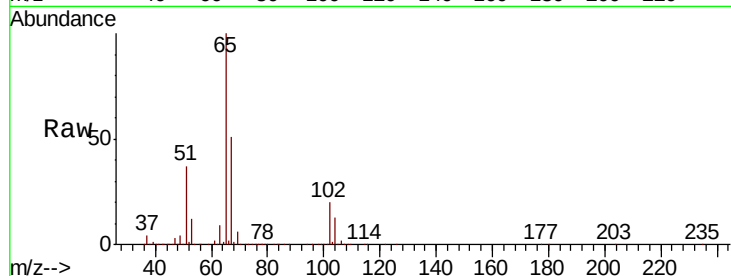




#33
 1,2-Dichloroethane-d4
 Concen: 62.967 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

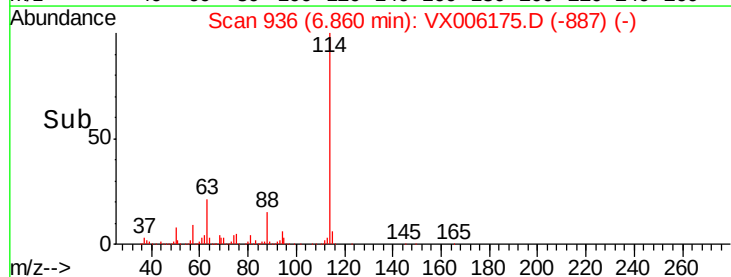
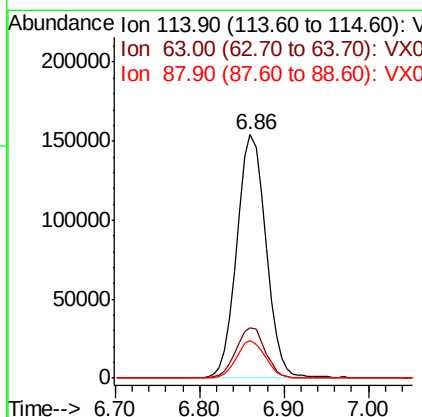
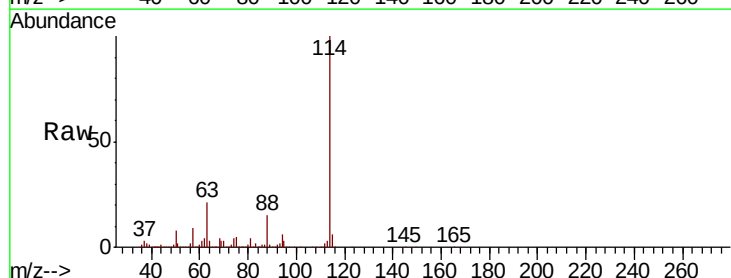
Instrument :
 MSVOA_X
 ClientSampleId :

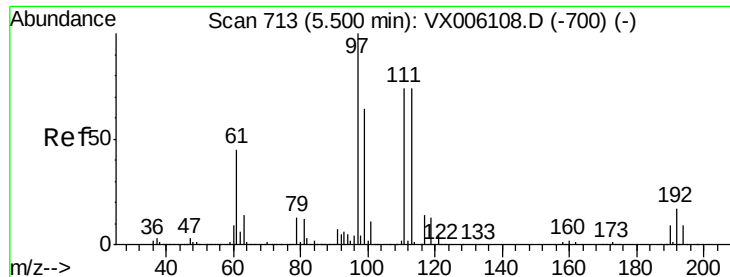
Tot Ion: 65 Resp: 165849
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion: 114 Resp: 360402
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 15.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 56.646 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

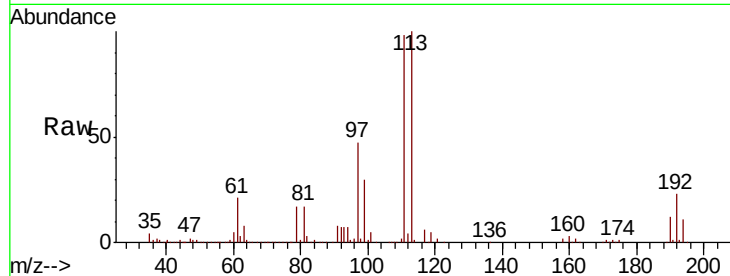
Tot Ion:113 Resp: 131049

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

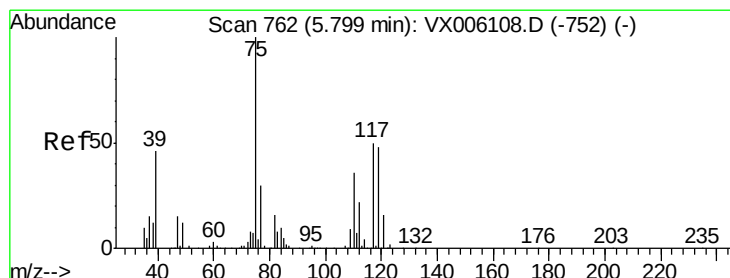
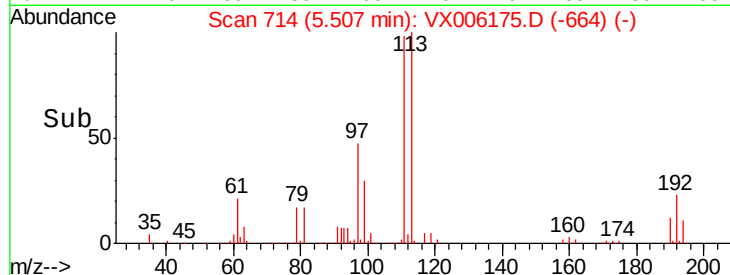
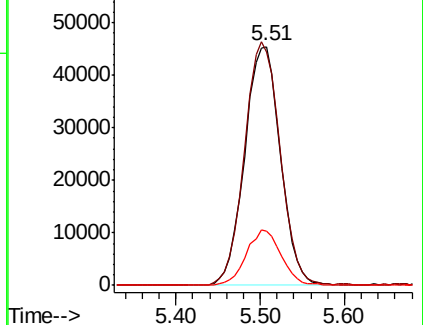
192 22.7 18.6 28.0



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: 19.364 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

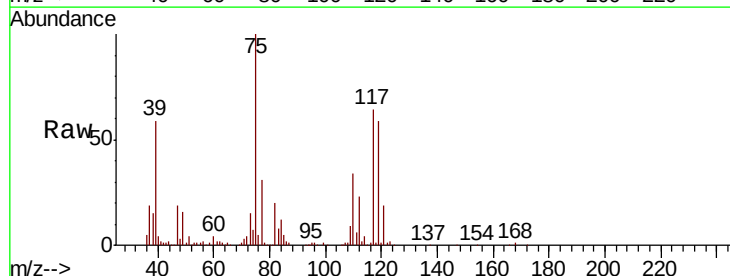
Tgt Ion: 75 Resp: 63491

Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.3

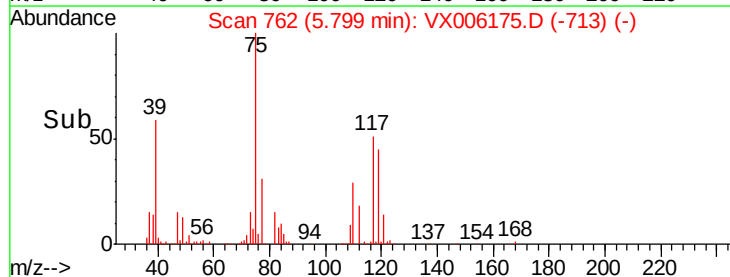
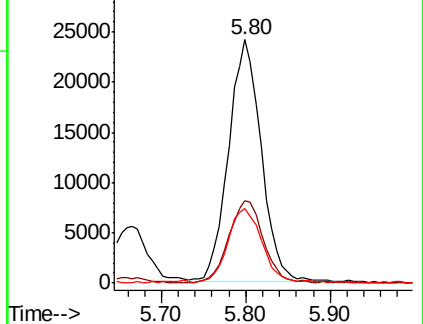
77 31.1 24.5 36.7

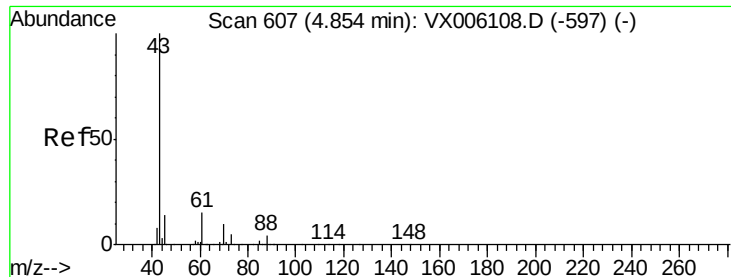


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

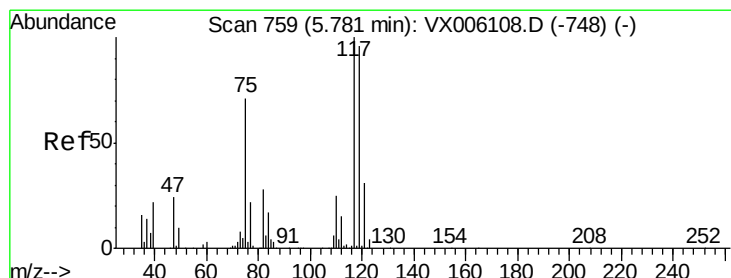
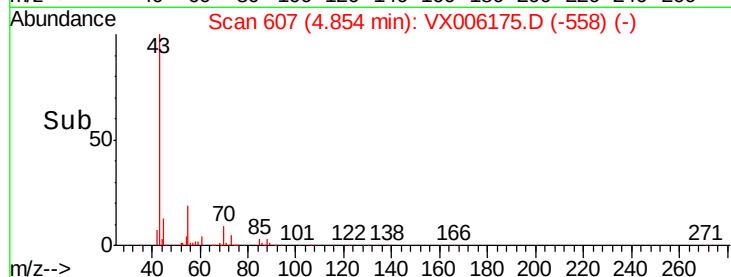
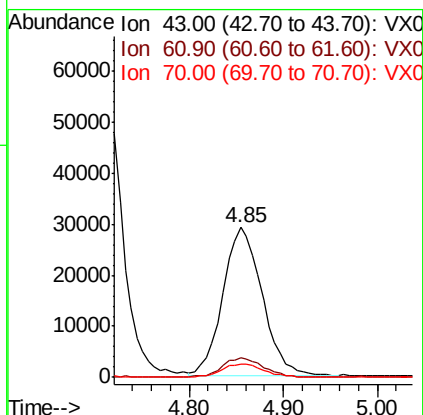
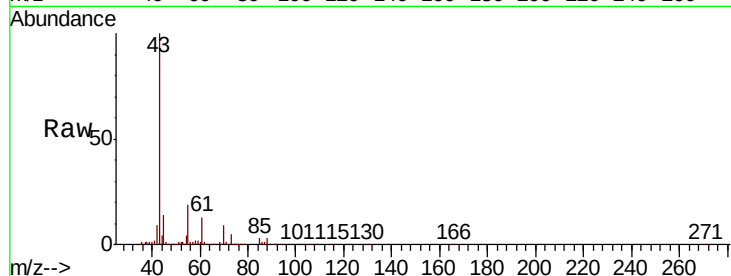




#37
Ethyl Acetate
Concen: 19.988 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

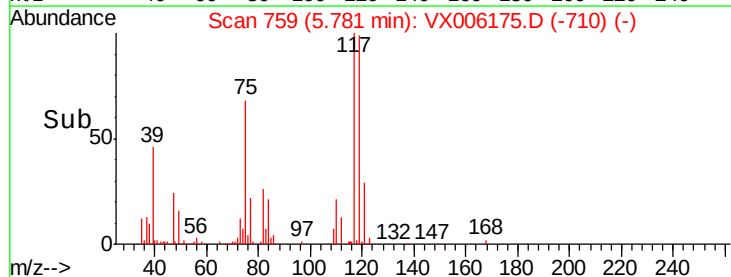
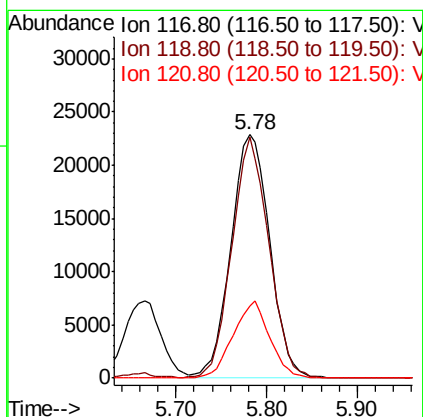
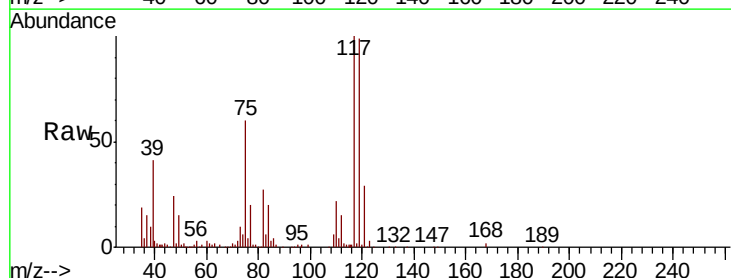
Instrument :
MSVOA_X
ClientSampleId :

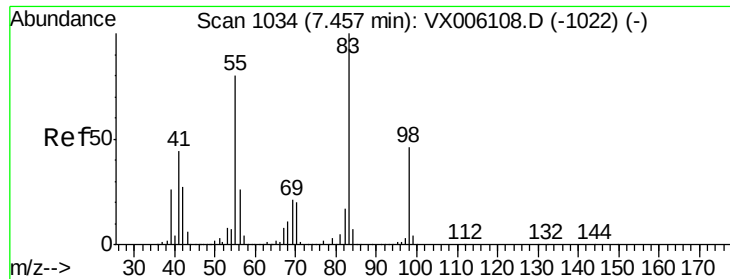
Tot Ion: 43 Resp: 84315
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 22.056 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 117 Resp: 67972
Ion Ratio Lower Upper
117 100
119 99.2 76.3 114.5
121 29.5 24.7 37.1

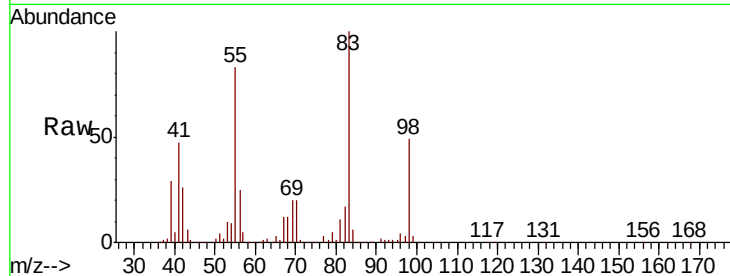




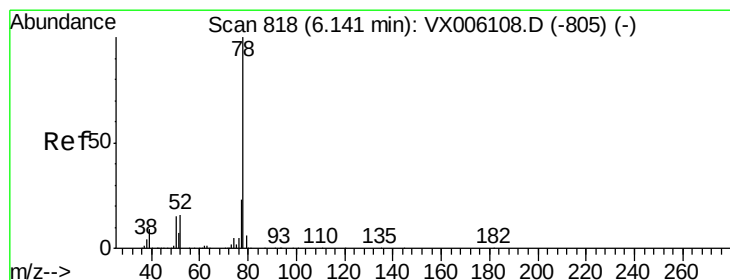
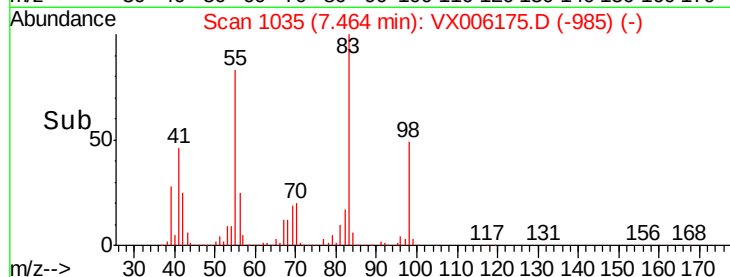
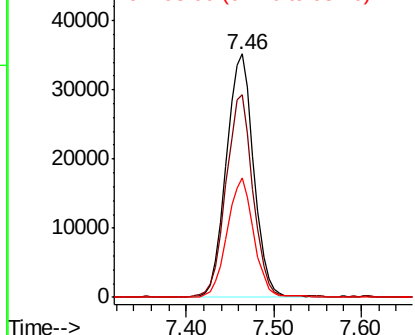
#39
Methylvlcyclohexane
Concen: 20.429 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 76311
Ion Ratio Lower Upper
83 100
55 83.4 63.9 95.9
98 48.9 36.8 55.2

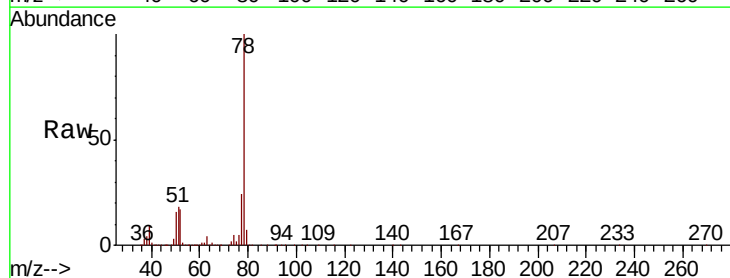


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

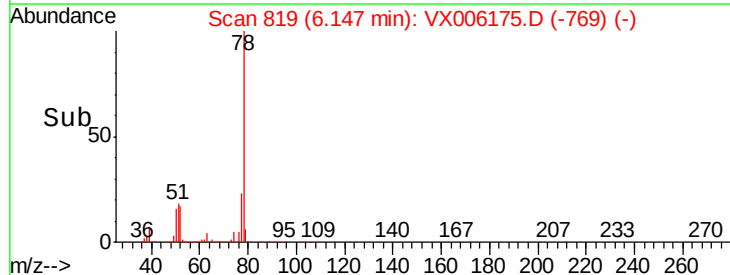
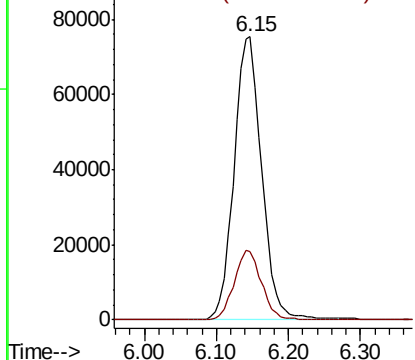


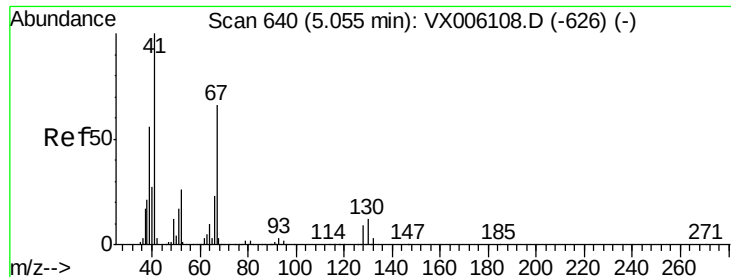
#40
Benzene
Concen: 20.806 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 78 Resp: 200980
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



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

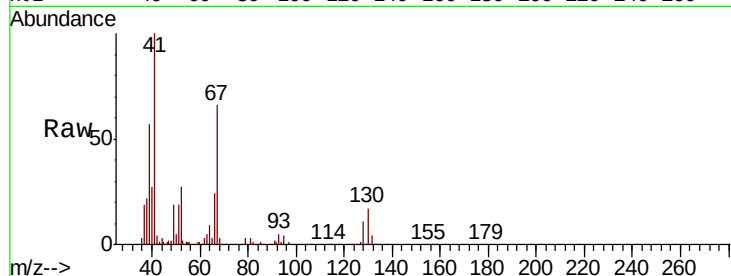




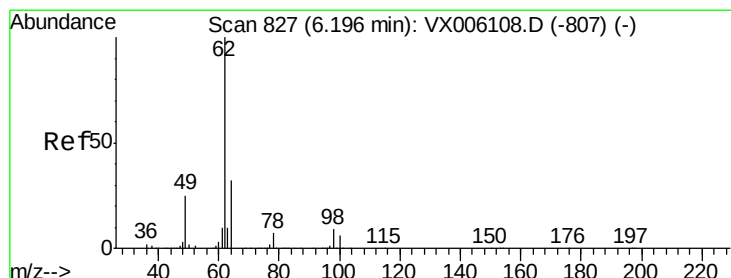
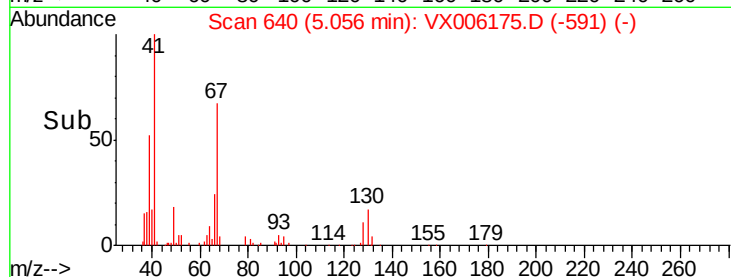
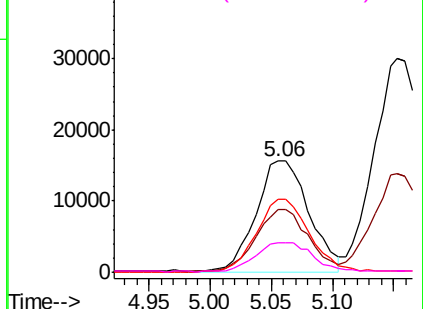
#41
Methacrylonitrile
Concen: 20.172 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	46893
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.1	66.1
67	67.2	54.1	81.1
52	28.5	21.7	32.5

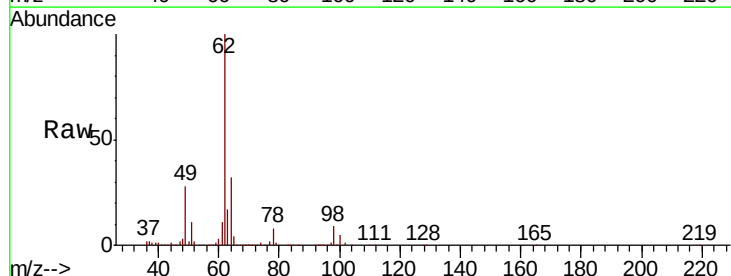


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

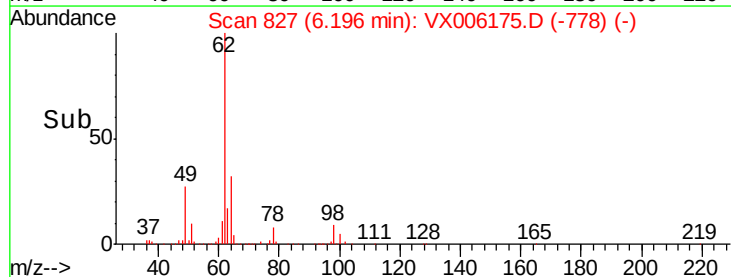
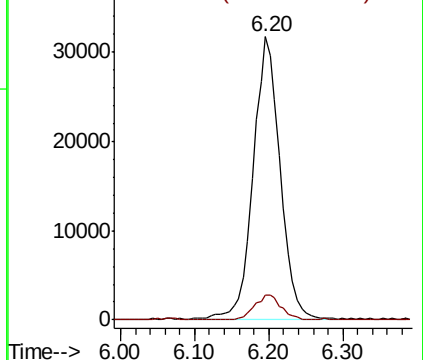


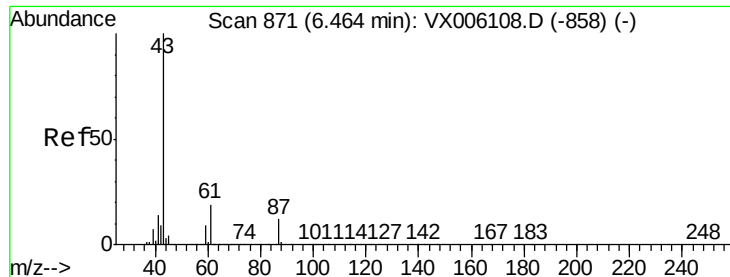
#42
1,2-Dichloroethane
Concen: 22.042 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion:	62	Resp:	79604
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.026 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

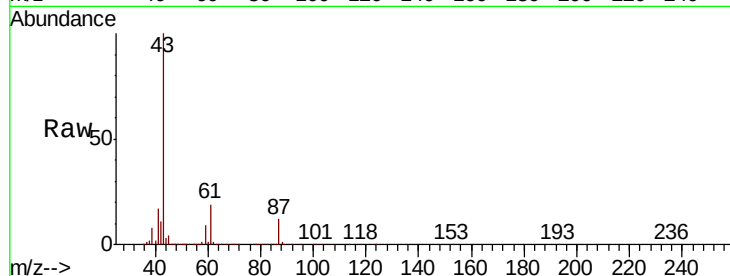
Tot Ion: 43 Resp: 134183

Ion Ratio Lower Upper

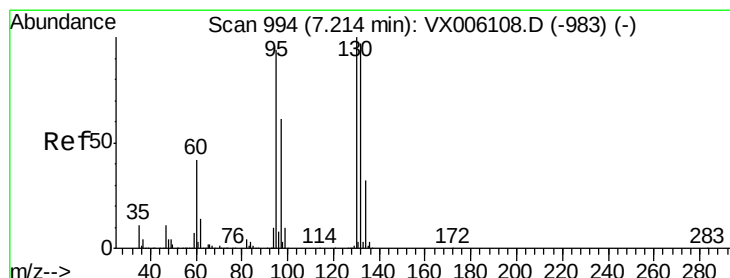
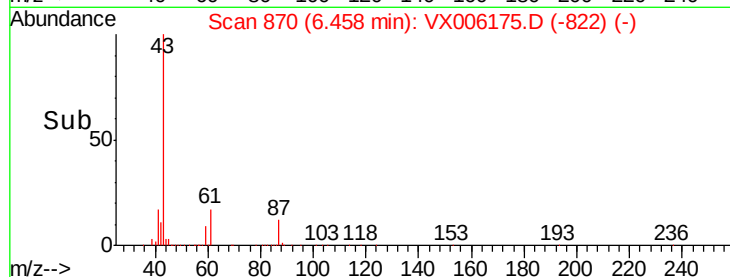
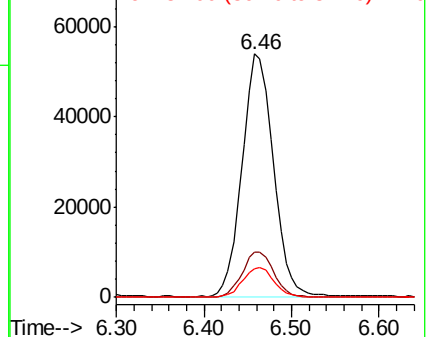
43 100

61 19.3 15.2 22.8

87 12.4 9.6 14.4



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: 22.149 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006175.D

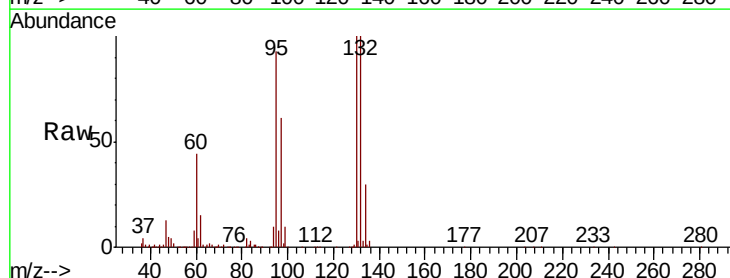
Acq: 26 Nov 2018 15:11

Tgt Ion:130 Resp: 59466

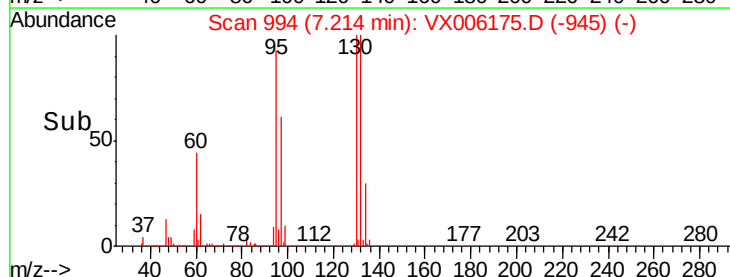
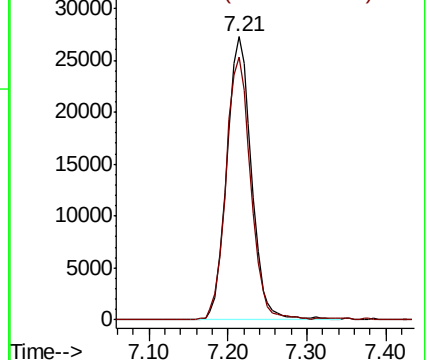
Ion Ratio Lower Upper

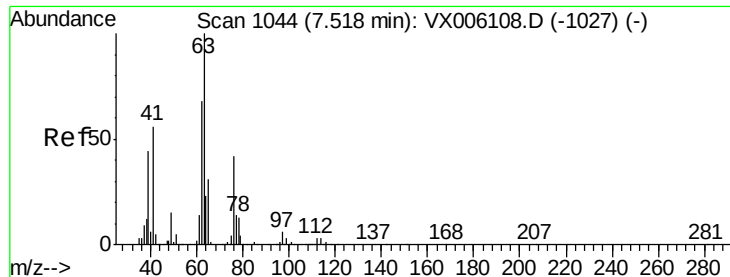
130 100

95 93.1 0.0 188.8



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





#45

1,2-Dichloropropane

Concen: 23.068 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

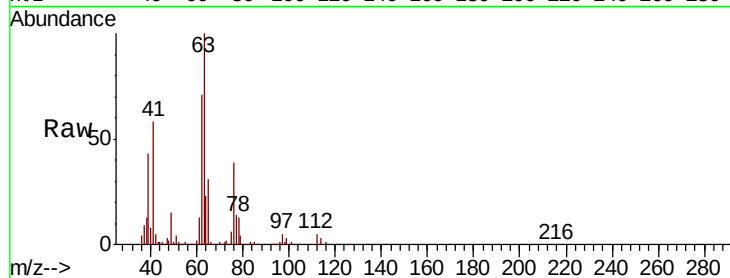
ClientSampleId :

Tot Ion: 63 Resp: 58972

Ion Ratio Lower Upper

63 100

65 30.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

30000

25000

20000

15000

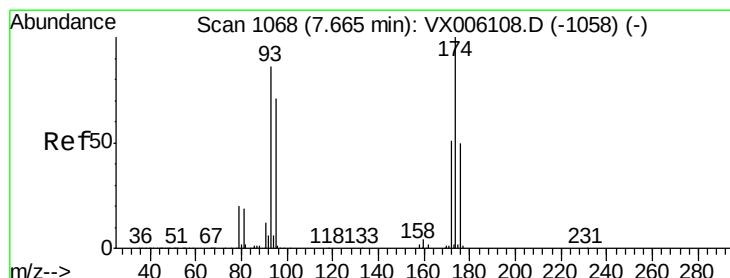
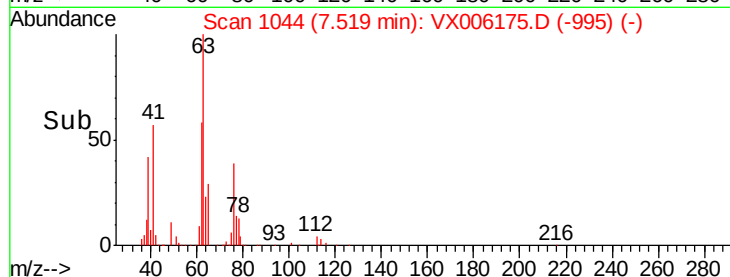
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 22.511 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

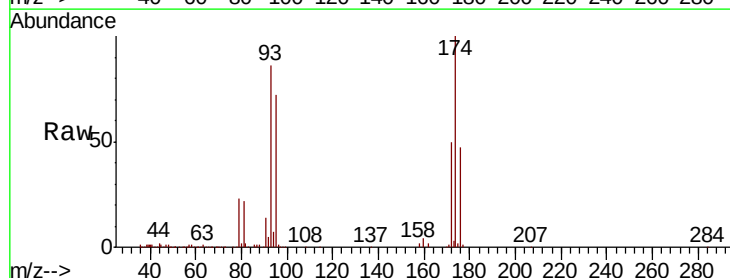
Tgt Ion: 93 Resp: 39411

Ion Ratio Lower Upper

93 100

95 82.7 66.3 99.5

174 112.9 91.0 136.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

30000

25000

20000

15000

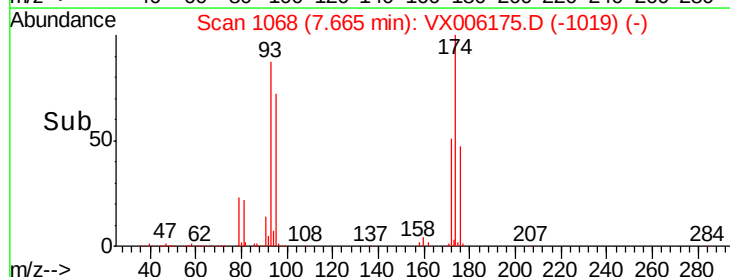
10000

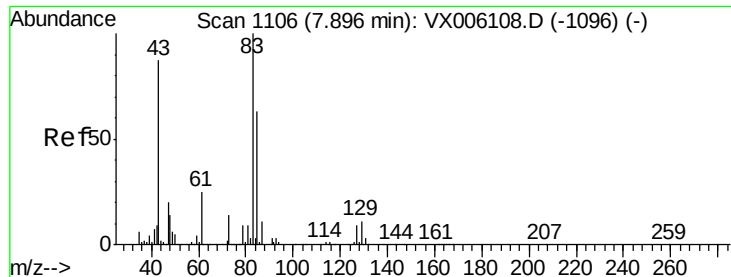
5000

0

Time-->

7.60 7.70 7.80

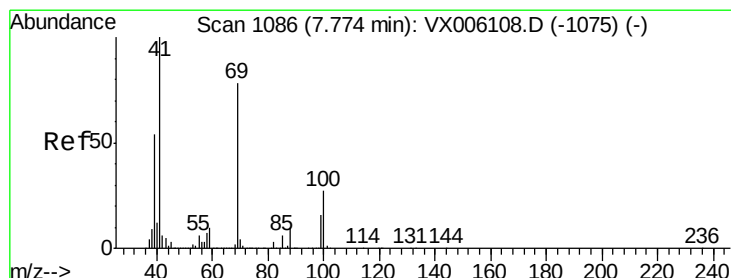
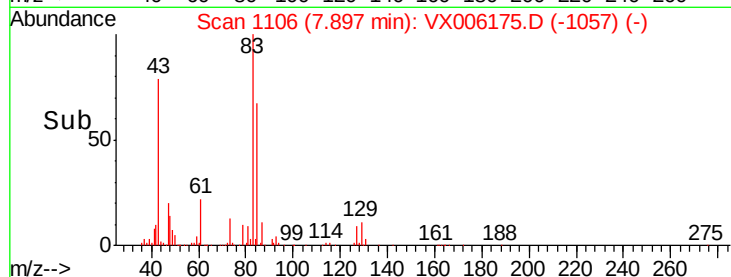
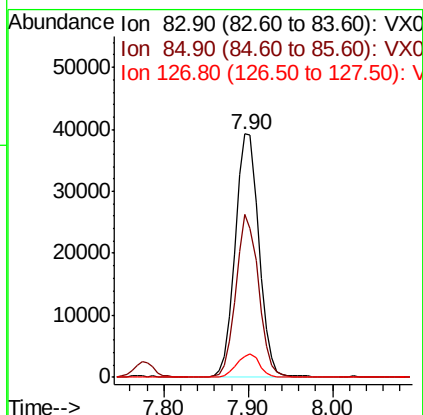
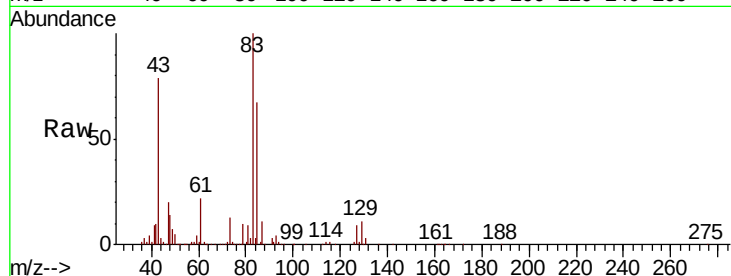




#47
Bromodichloromethane
Concen: 23.031 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

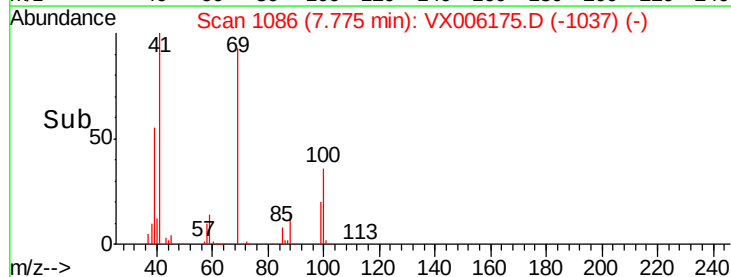
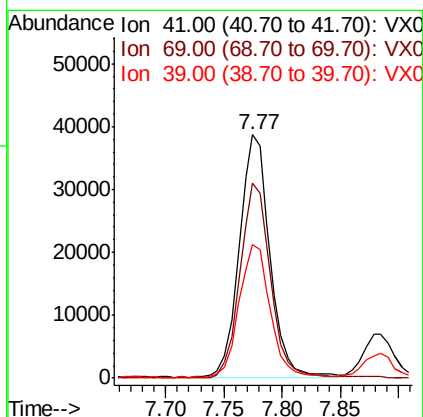
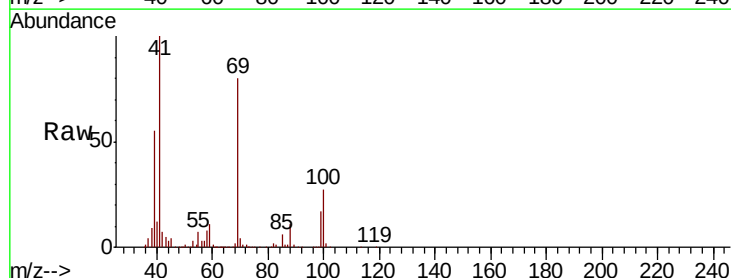
Instrument :
MSVOA_X
ClientSampled :

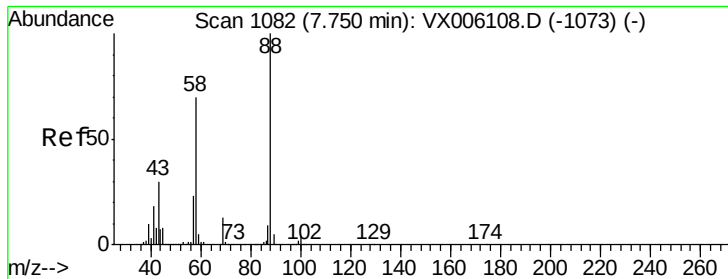
Tot Ion: 83 Resp: 74575
Ion Ratio Lower Upper
83 100
85 67.0 50.4 75.6
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 23.159 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 41 Resp: 71551
Ion Ratio Lower Upper
41 100
69 79.4 62.8 94.2
39 54.8 43.8 65.6





#49

1,4-Dioxane

Concen: 439.179 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

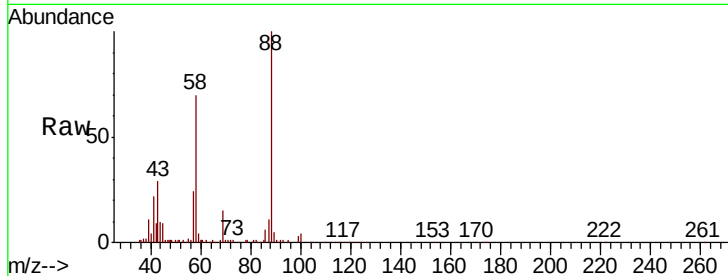
Tot Ion: 88 Resp: 32192

Ion Ratio Lower Upper

88 100

43 33.4 26.7 40.1

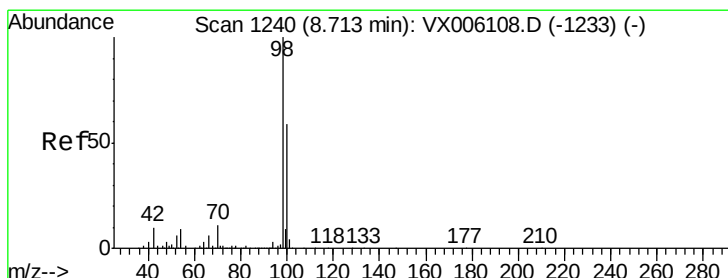
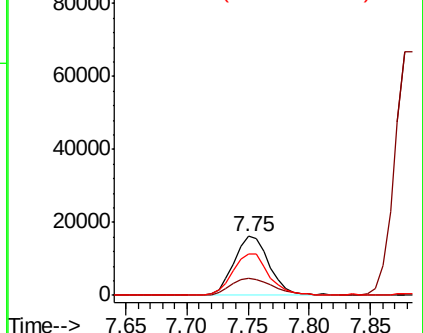
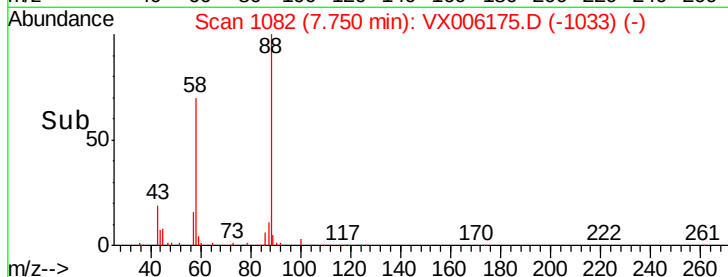
58 72.9 58.5 87.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 60.983 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006175.D

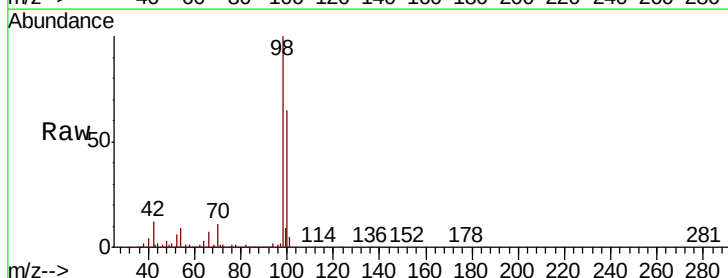
Acq: 26 Nov 2018 15:11

Tgt Ion: 98 Resp: 538115

Ion Ratio Lower Upper

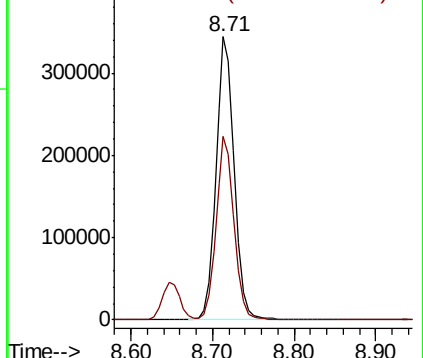
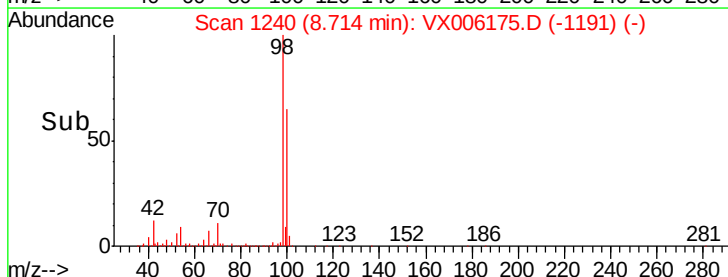
98 100

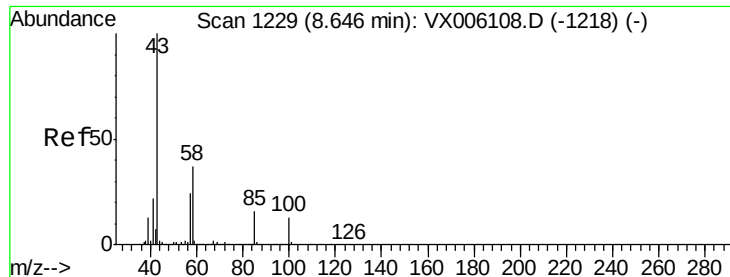
100 63.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

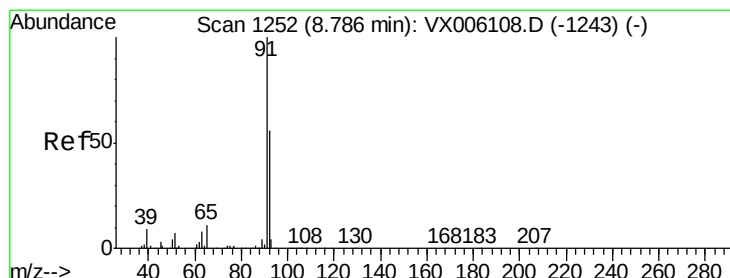
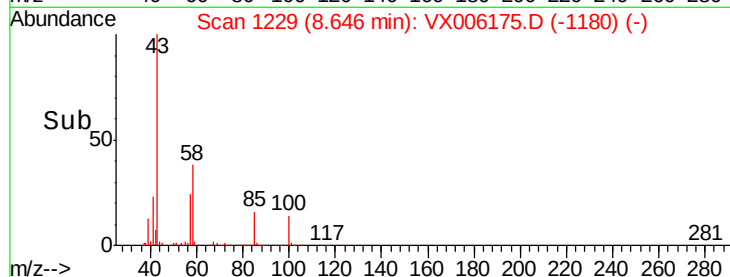
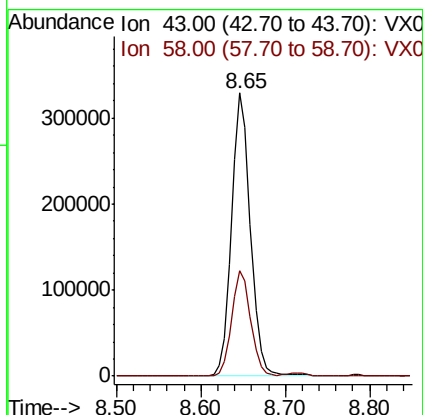
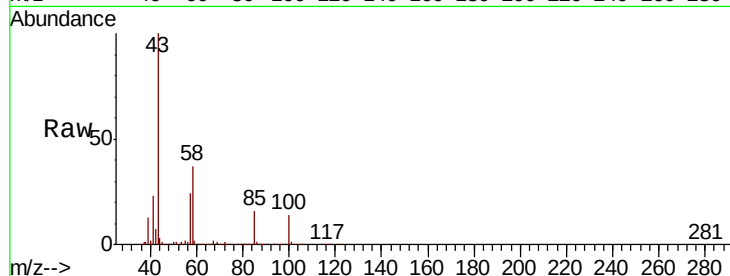




#51
4-Methyl-2-Pentanone
Concen: 115.029 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

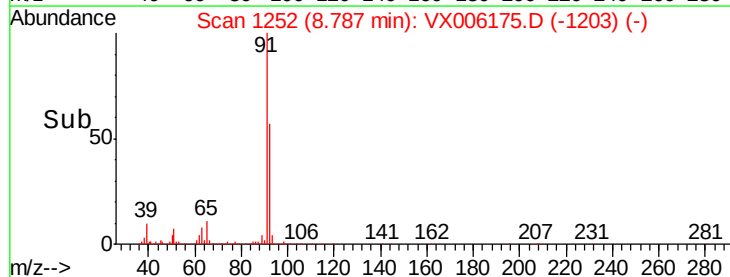
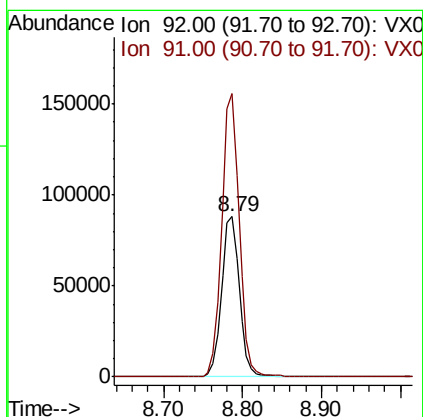
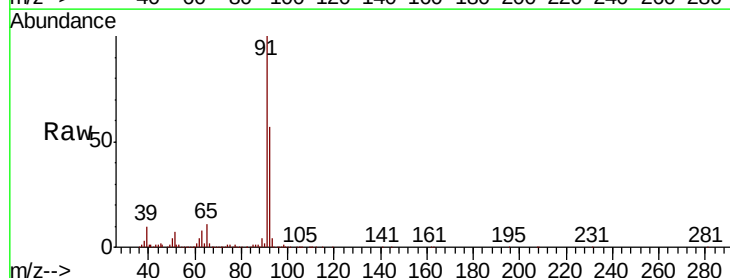
Instrument :
MSVOA_X
ClientSampleId :

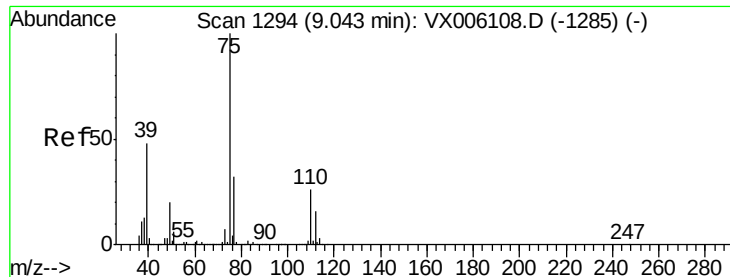
Tot Ion: 43 Resp: 502368
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9



#52
Toluene
Concen: 23.264 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 92 Resp: 139002
Ion Ratio Lower Upper
92 100
91 173.3 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 22.180 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

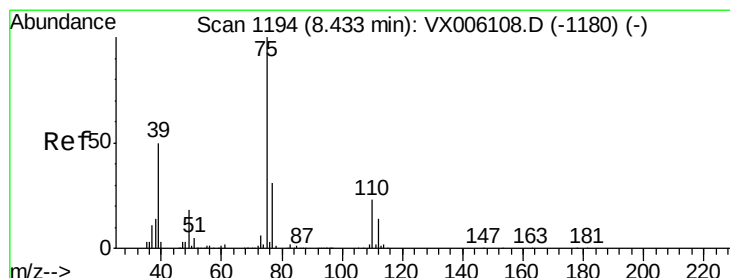
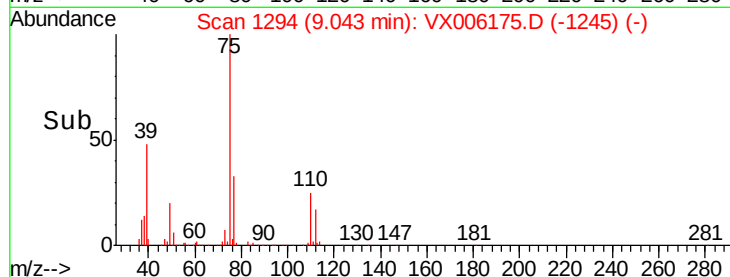
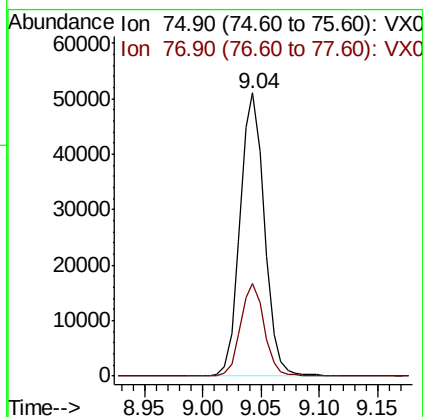
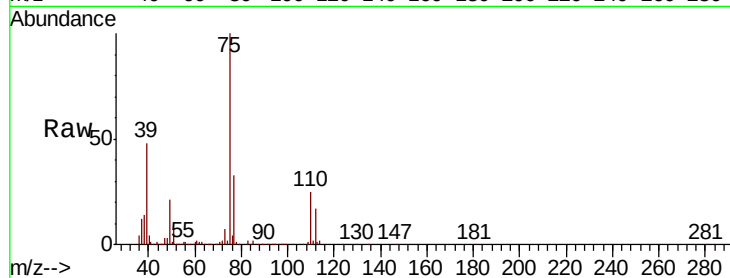
ClientSampleId :

Tot Ion: 75 Resp: 74946

Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 22.546 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

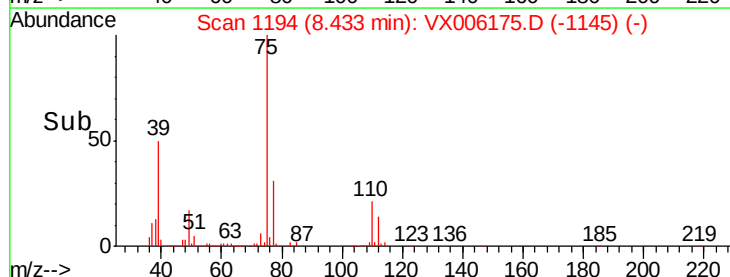
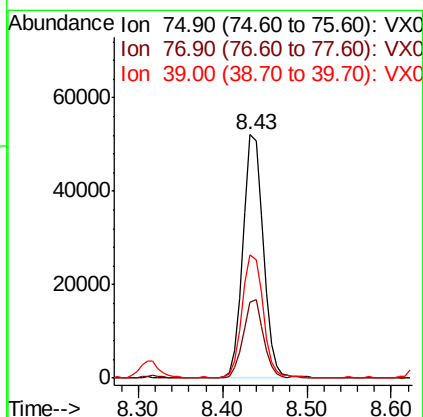
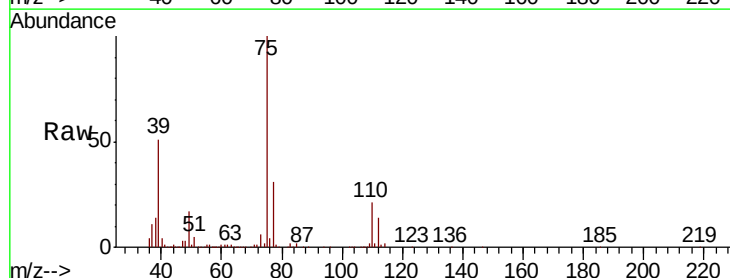
Tgt Ion: 75 Resp: 84218

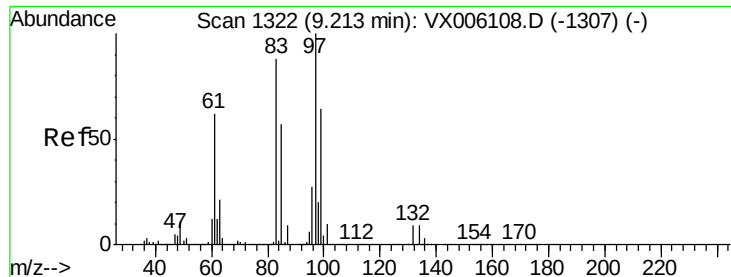
Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 50.4 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 22.142 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 57295

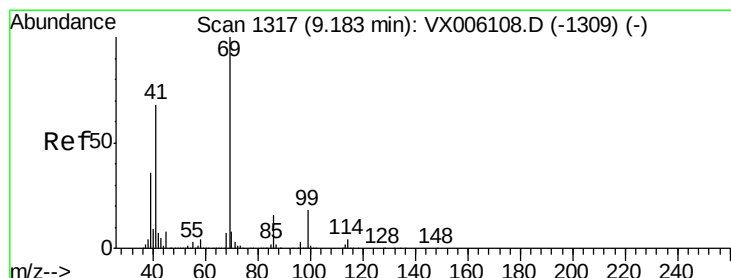
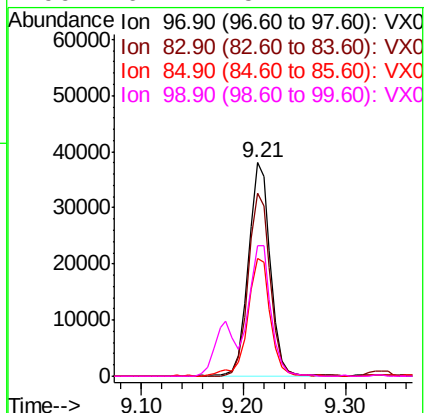
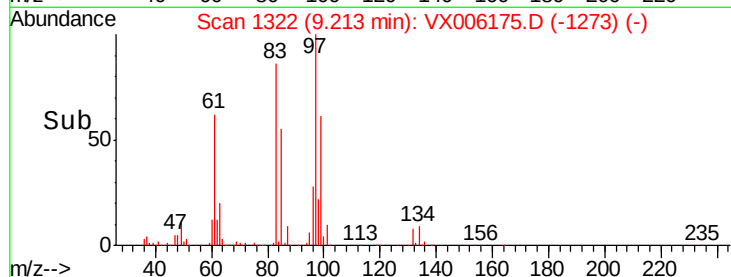
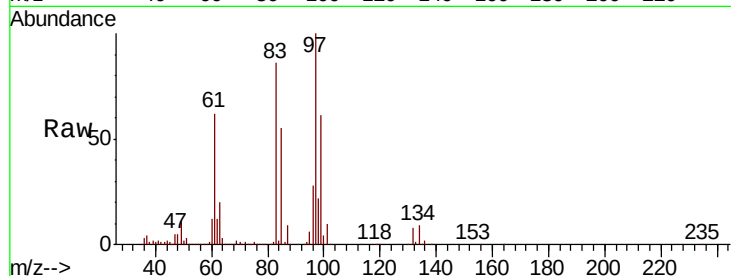
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.7	106.1
85	55.0	45.7	68.5
99	61.2	51.4	77.2

97 100

83 85.8 70.7 106.1

85 55.0 45.7 68.5

99 61.2 51.4 77.2



#56

Ethyl methacrylate

Concen: 21.150 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

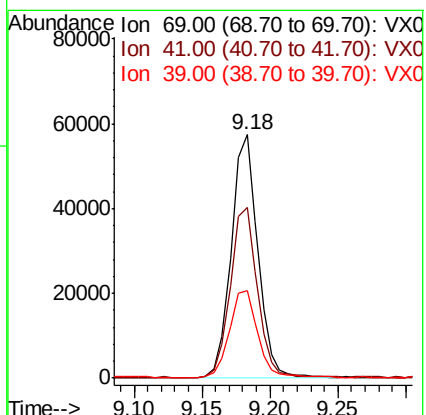
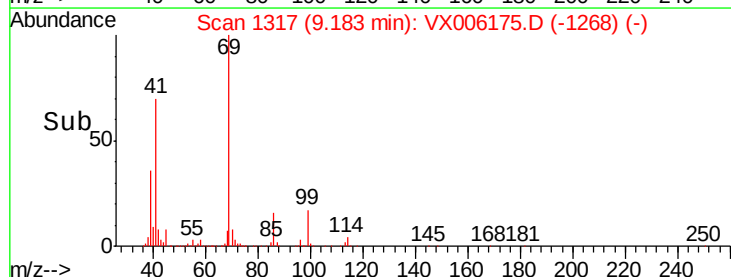
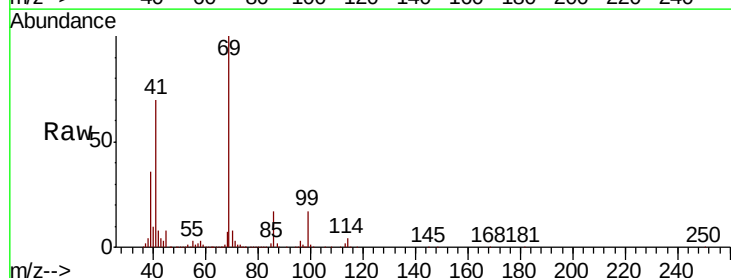
Tgt Ion: 69 Resp: 78158

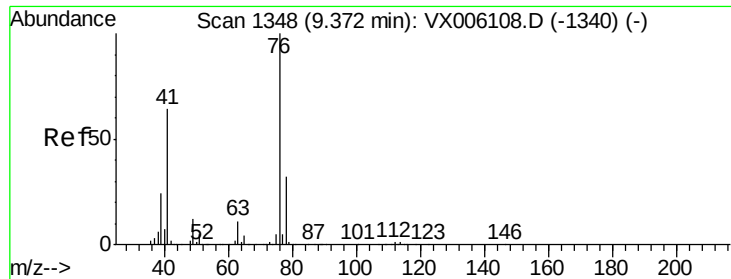
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.2	84.4
39	37.8	29.4	44.0

69 100

41 70.5 56.2 84.4

39 37.8 29.4 44.0

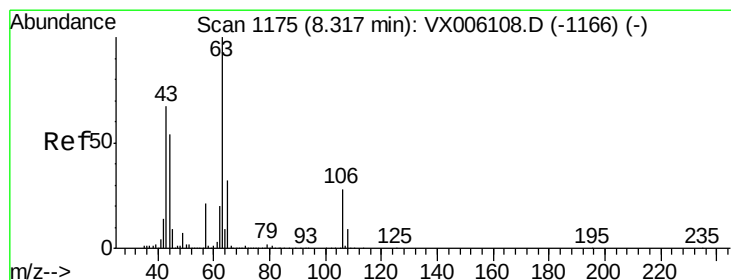
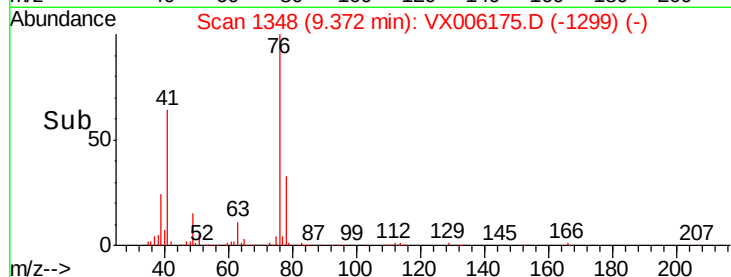
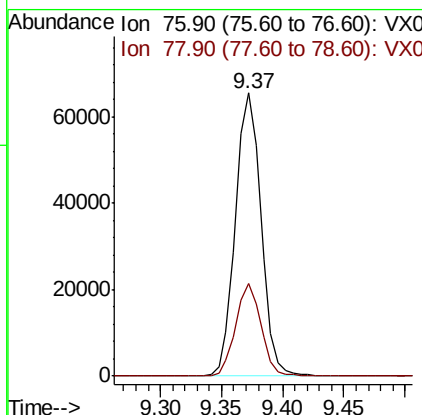
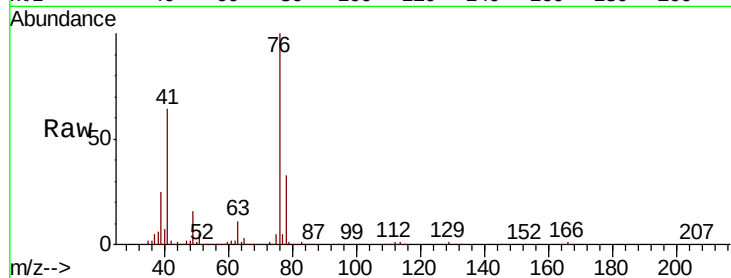




#57
 1,3-Dichloropropane
 Concen: 22.298 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

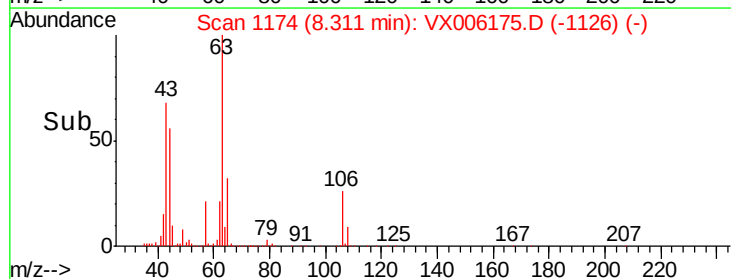
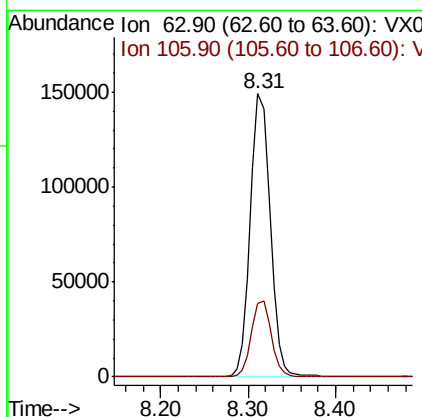
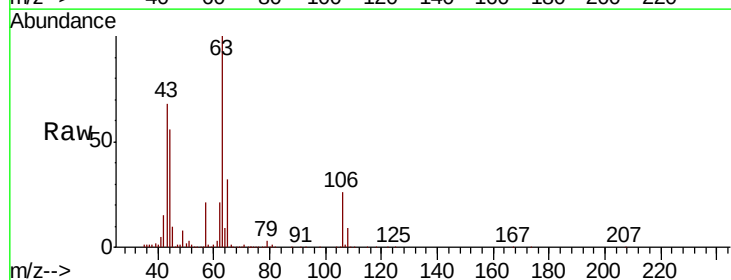
Instrument :
 MSVOA_X
 ClientSampleId :

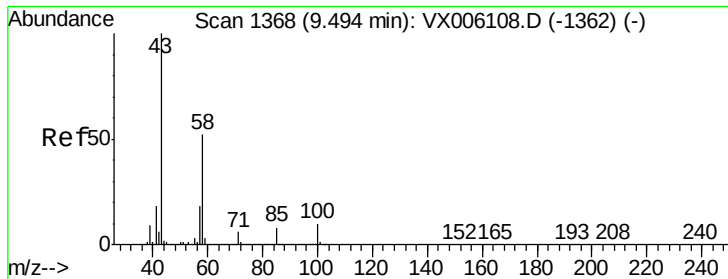
Tot Ion: 76 Resp: 95107
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.131 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion: 63 Resp: 236671
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.7 32.5

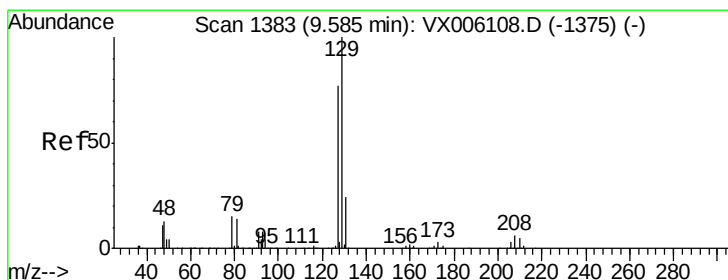
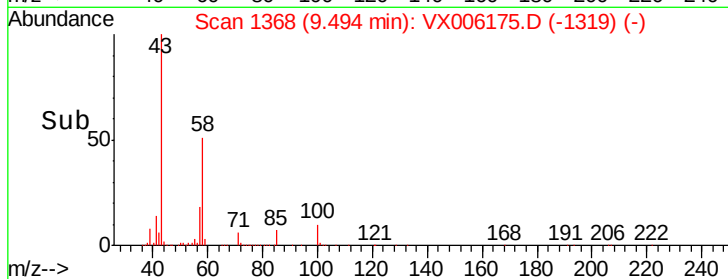
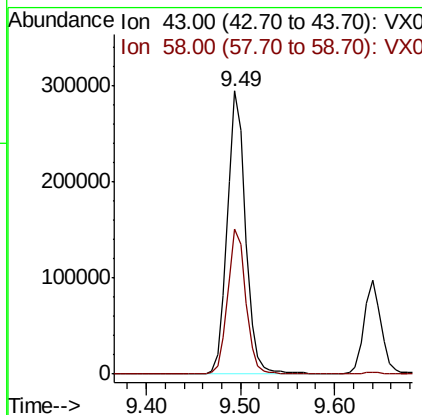
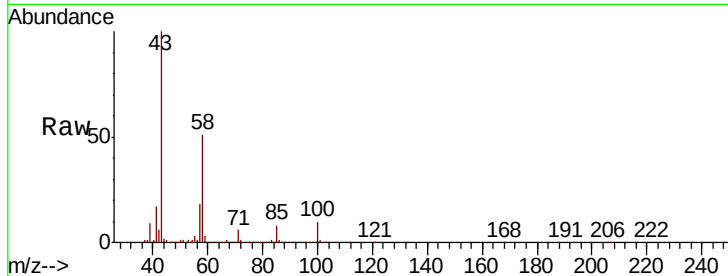




#59
2-Hexanone
Concen: 114.317 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

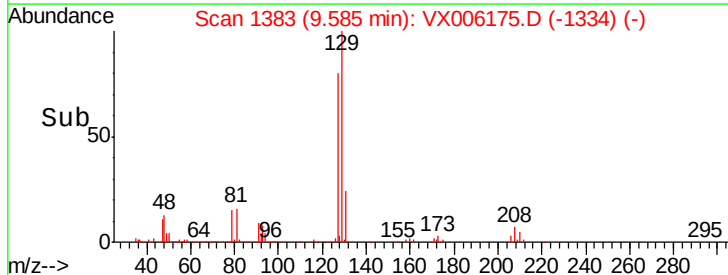
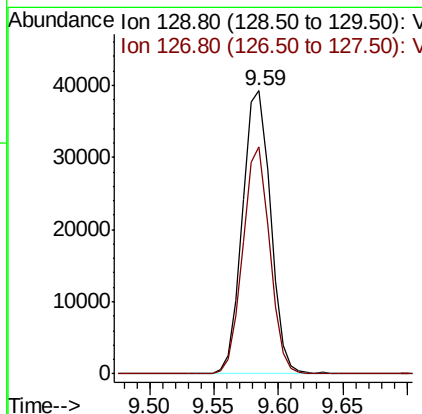
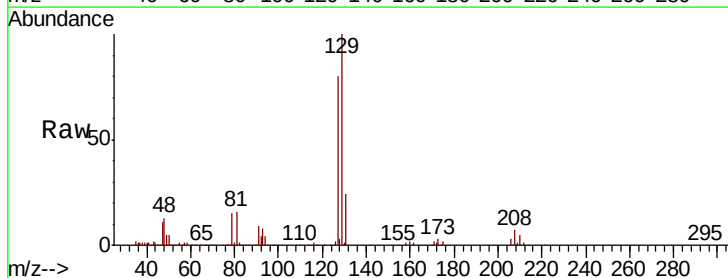
Instrument :
MSVOA_X
ClientSampleId :

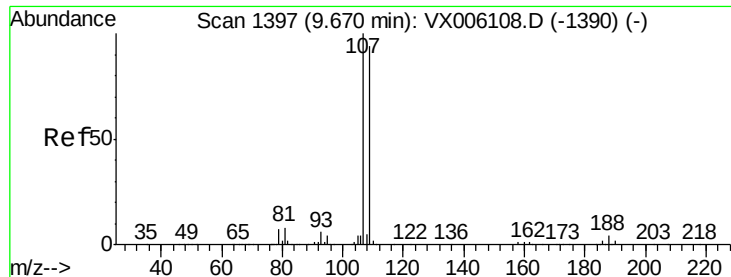
Tot Ion: 43 Resp: 396217
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9



#60
Dibromochloromethane
Concen: 23.326 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion:129 Resp: 59178
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 22.666 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

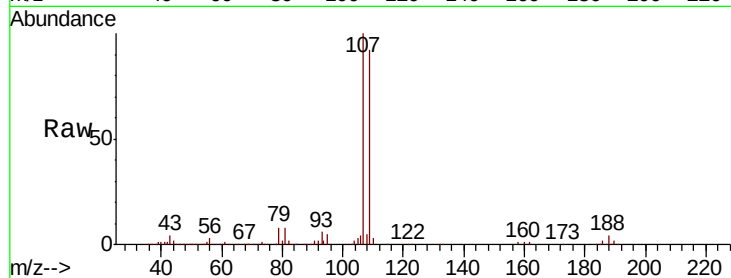
ClientSampleId :

Tot Ion:107 Resp: 60423

Ion Ratio Lower Upper

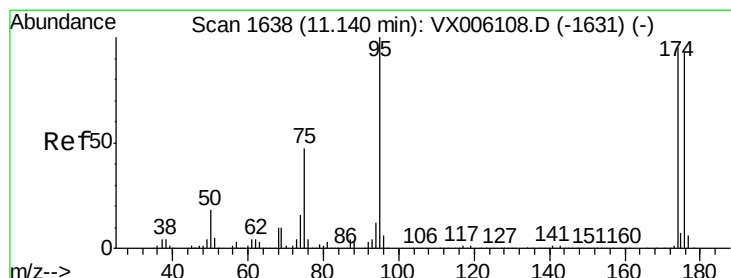
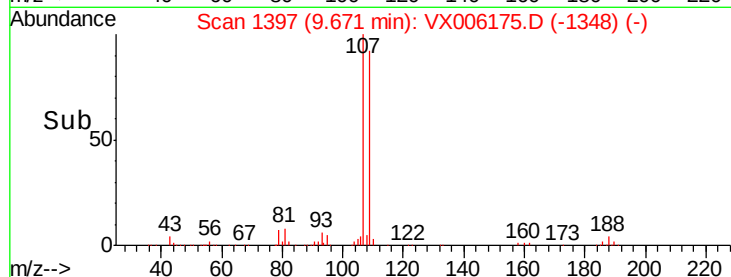
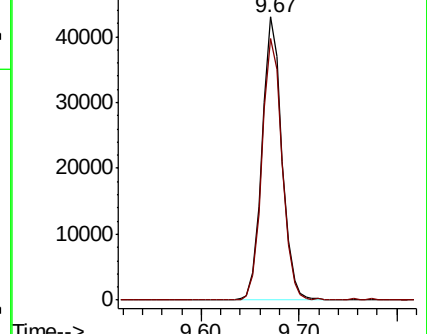
107 100

109 94.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.750 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

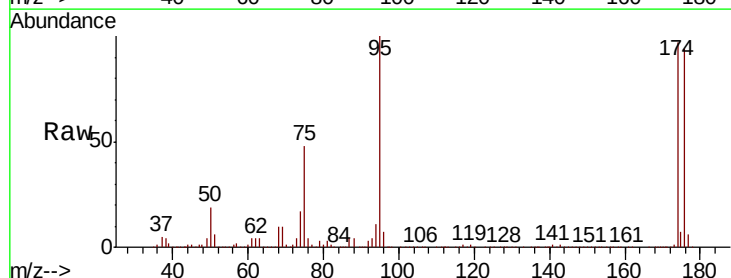
Tgt Ion: 95 Resp: 194509

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

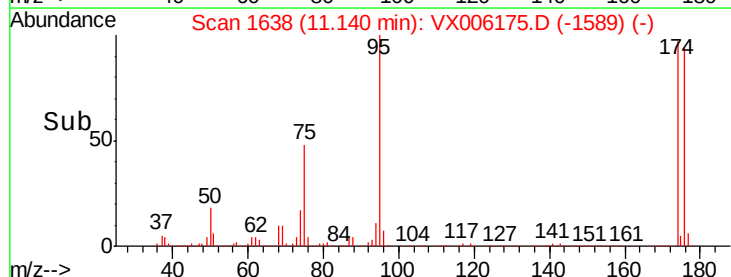
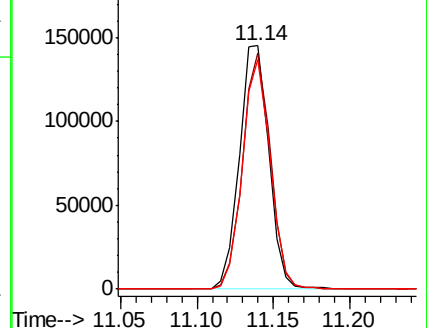
176 89.3 0.0 179.0

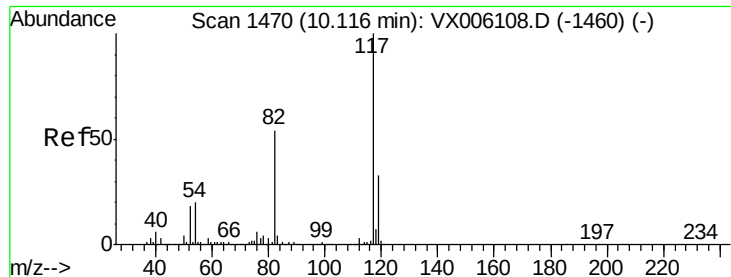


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

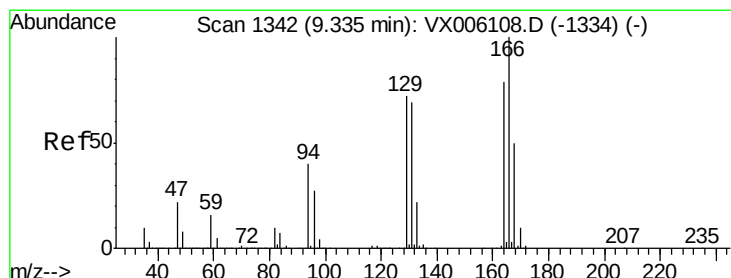
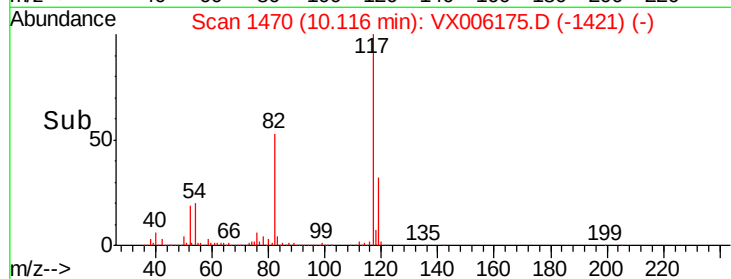
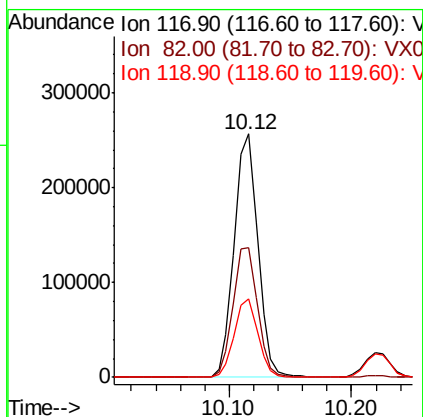
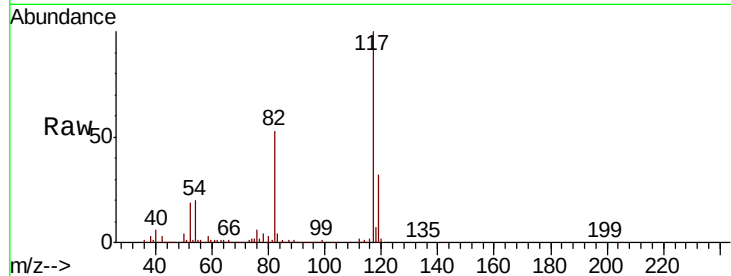




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

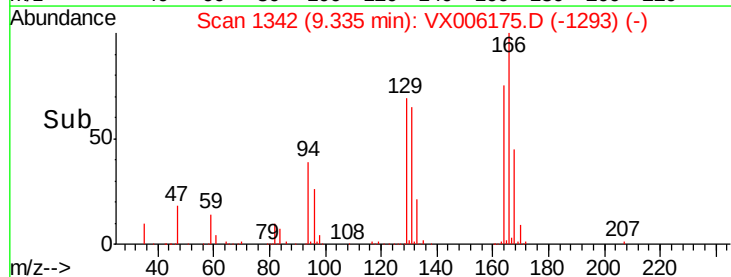
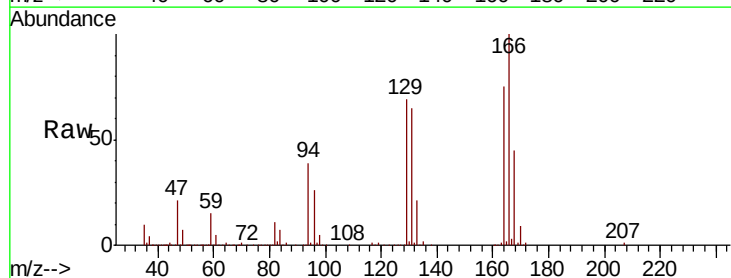
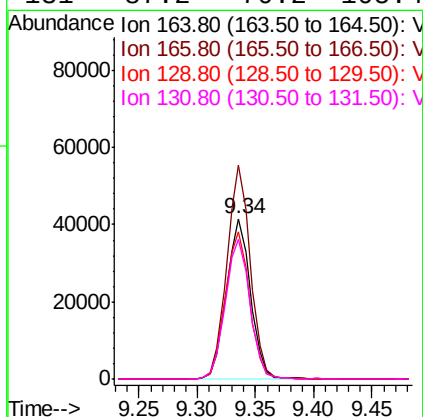
Instrument :
MSVOA_X
ClientSampleId :

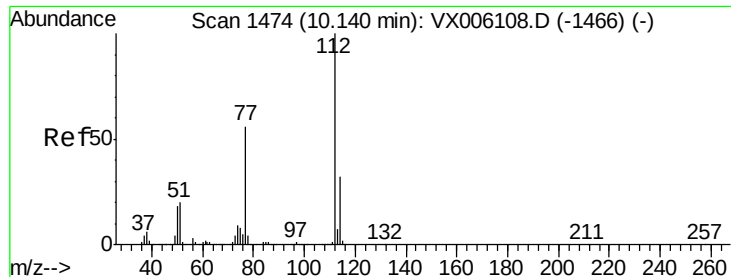
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	32.5	26.1	39.1



#64
Tetrachloroethene
Concen: 21.036 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	101.5	152.3
129	91.6	73.4	110.0
131	87.2	70.2	105.4





#65

Chlorobenzene

Concen: 21.746 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

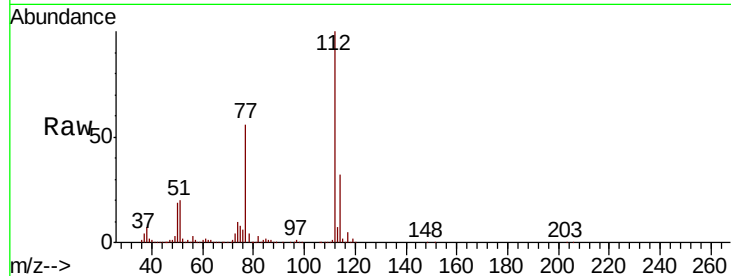
ClientSampleId :

Tot Ion:112 Resp: 153437

Ion Ratio Lower Upper

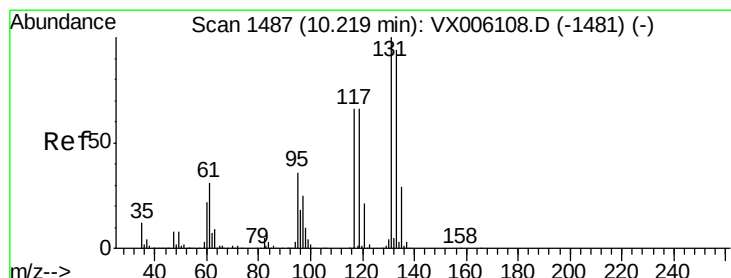
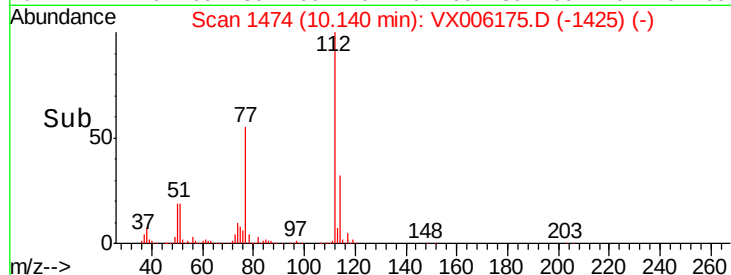
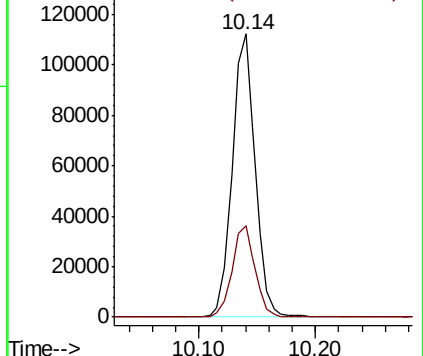
112 100

114 32.2 25.6 38.4



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: 22.618 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

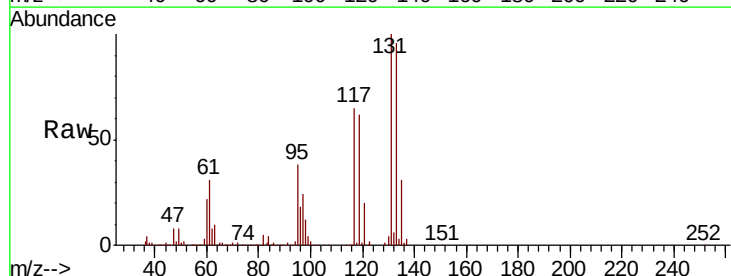
Tgt Ion:131 Resp: 54789

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

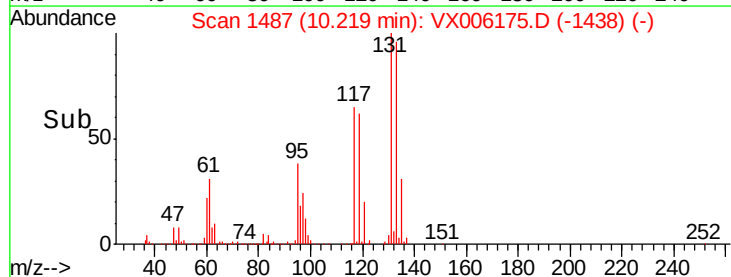
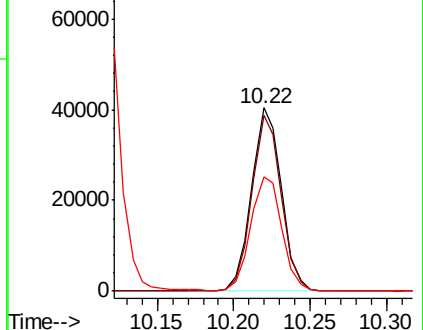
119 65.2 32.6 97.8

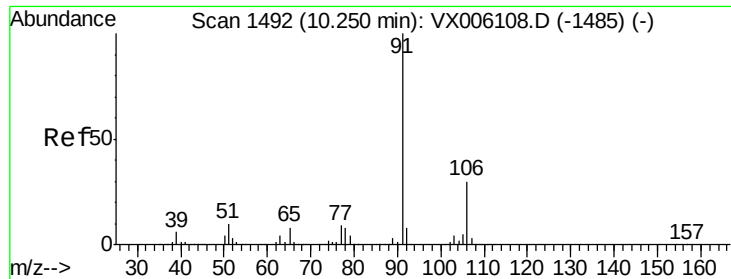


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

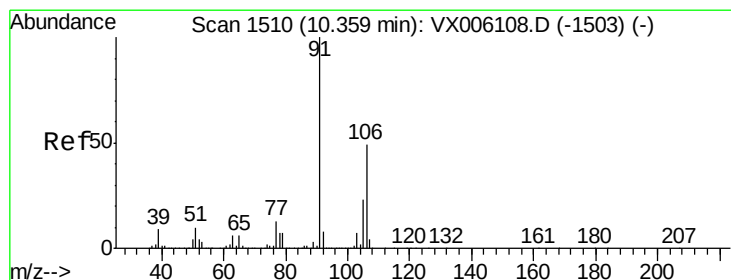
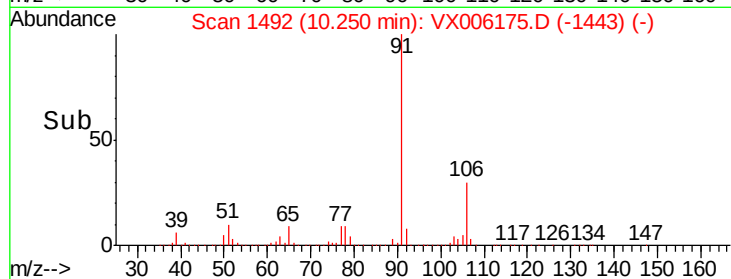
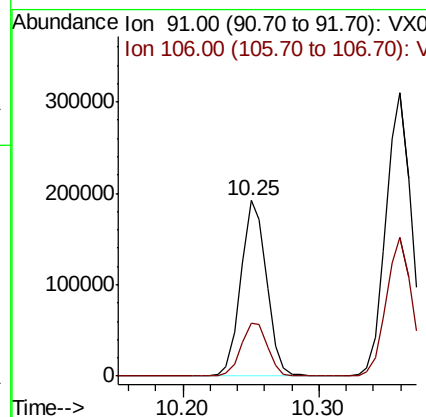
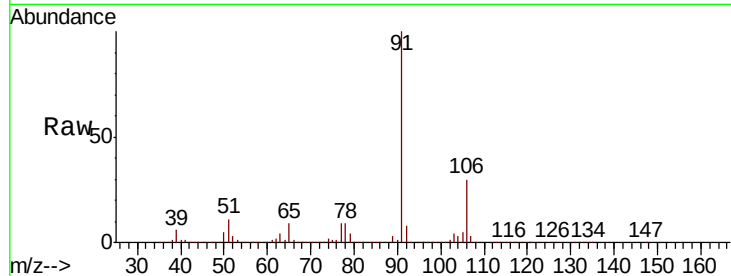




#67
Ethyl Benzene
Concen: 21.887 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

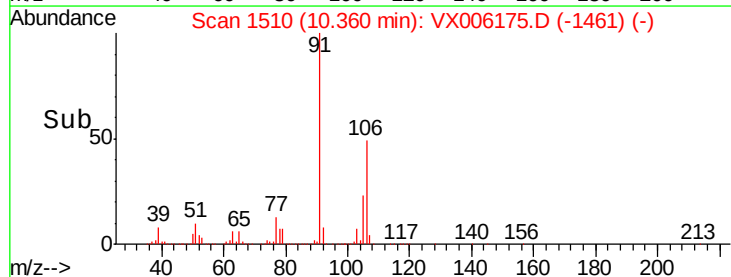
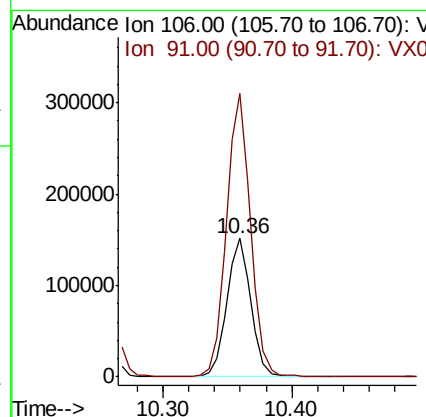
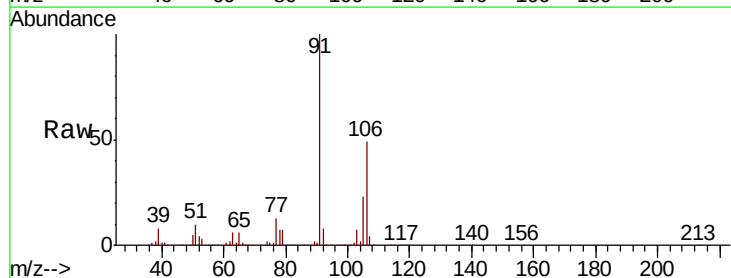
Instrument :
MSVOA_X
ClientSampleId :

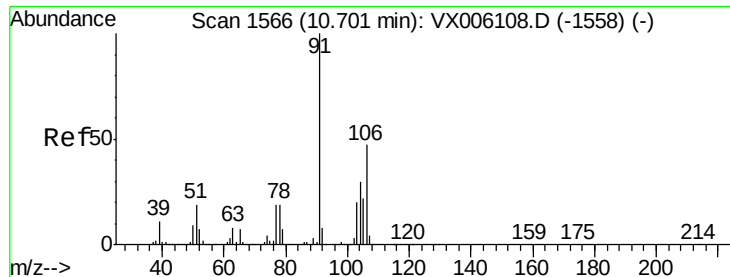
Tot Ion: 91 Resp: 252860
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 44.184 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 106 Resp: 198767
Ion Ratio Lower Upper
106 100
91 205.1 162.0 243.0

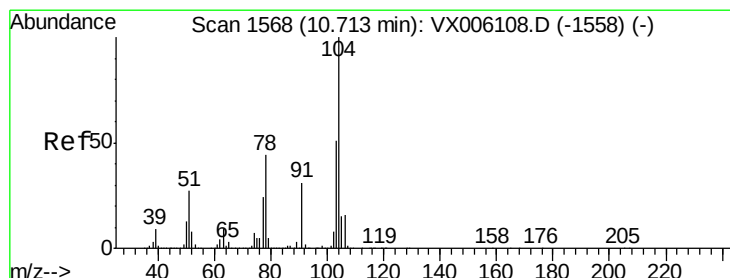
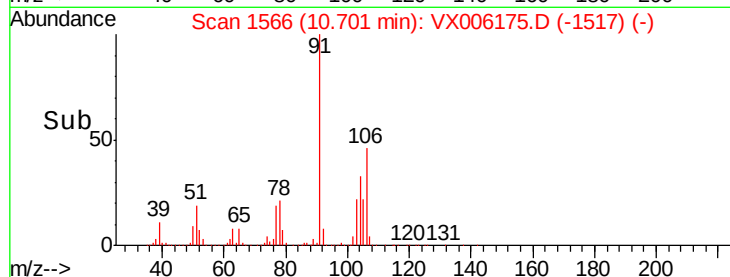
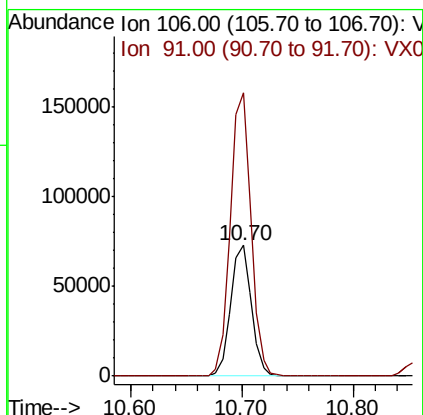
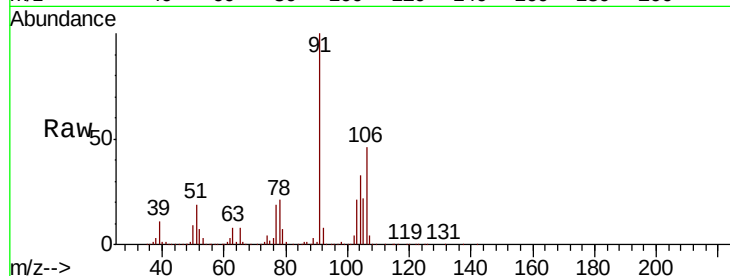




#69
o-Xylene
Concen: 21.906 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

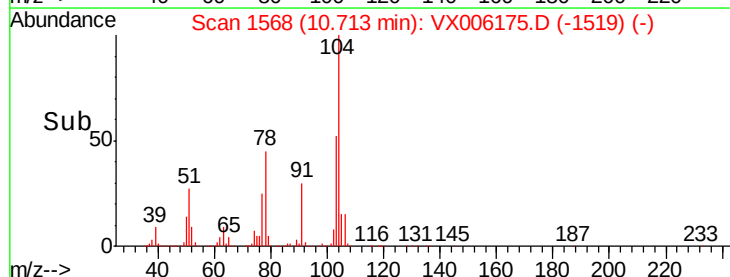
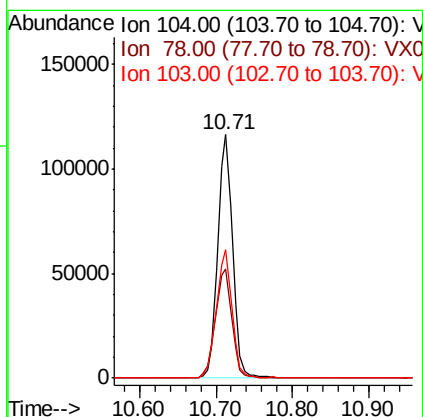
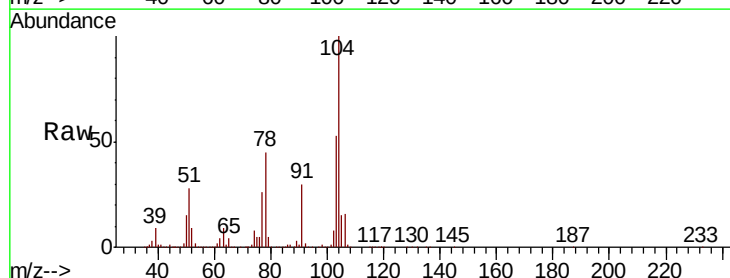
Instrument :
MSVOA_X
ClientSampleId :

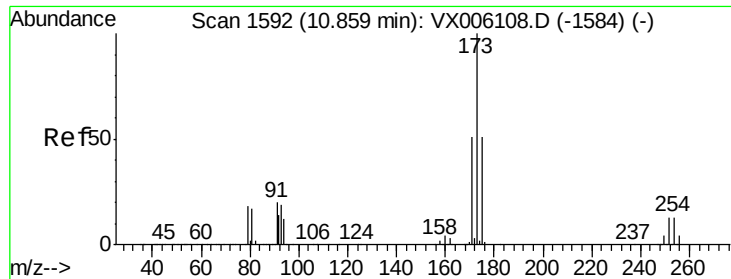
Tot Ion:106 Resp: 94131
Ion Ratio Lower Upper
106 100
91 215.4 107.4 322.2



#70
Styrene
Concen: 22.356 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion:104 Resp: 156638
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 55.6 44.6 67.0





#71

Bromoform

Concen: 21.801 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

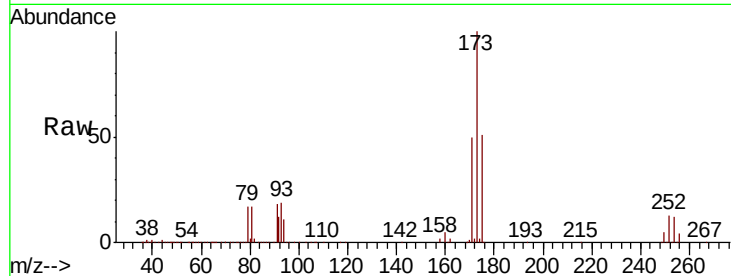
Tot Ion:173 Resp: 47271

Ion Ratio Lower Upper

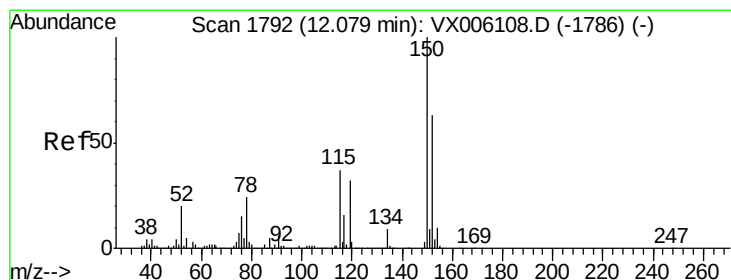
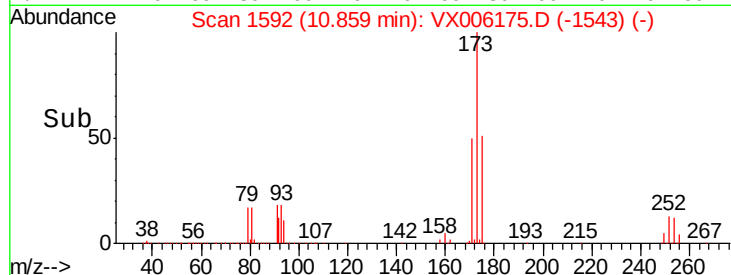
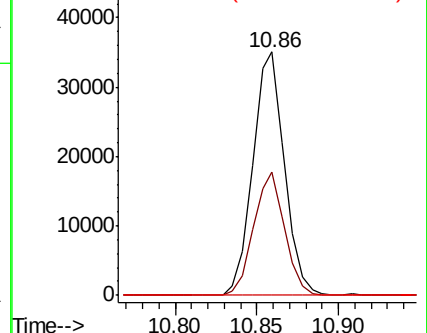
173 100

175 49.8 24.9 74.6

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: VX006175.D

Acq: 26 Nov 2018 15:11

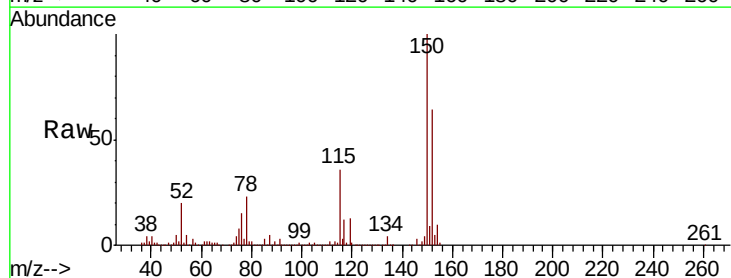
Tgt Ion:152 Resp: 187669

Ion Ratio Lower Upper

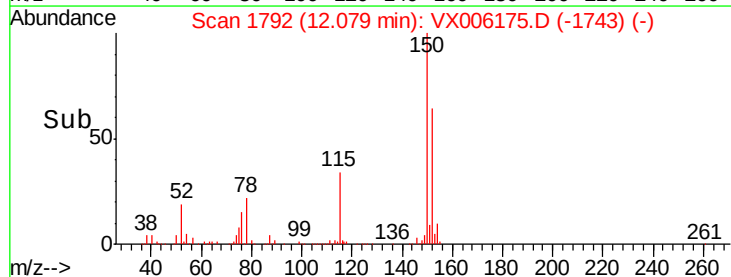
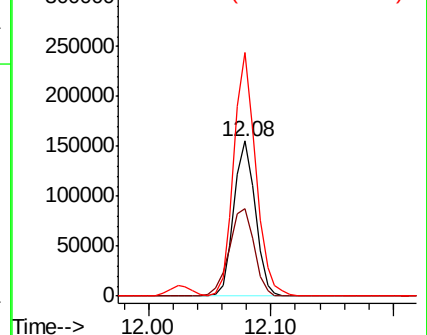
152 100

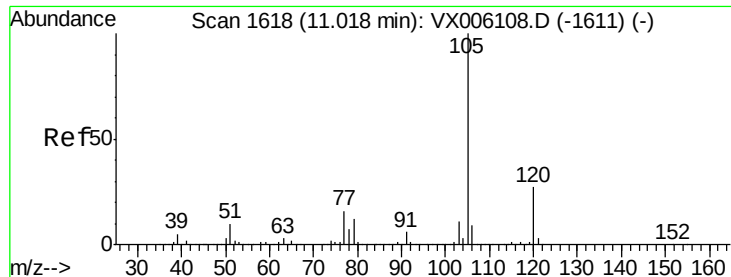
115 65.7 39.0 116.9

150 160.7 0.0 346.6



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: 22.926 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

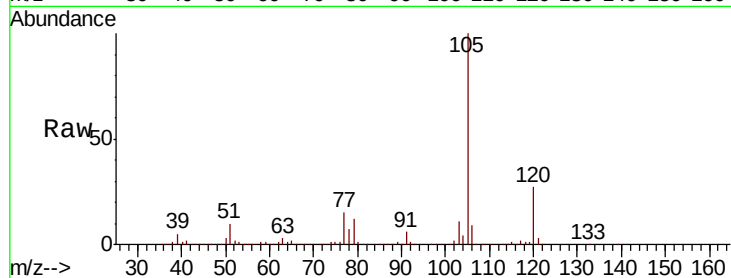
ClientSampleId :

Tot Ion:105 Resp: 260320

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

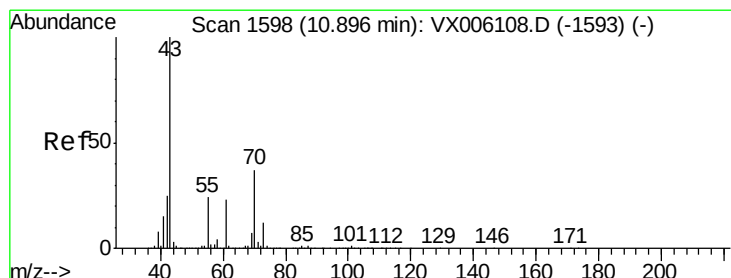
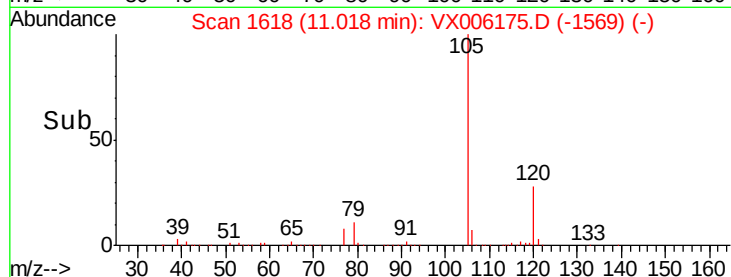
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.033 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion: 43 Resp: 114051

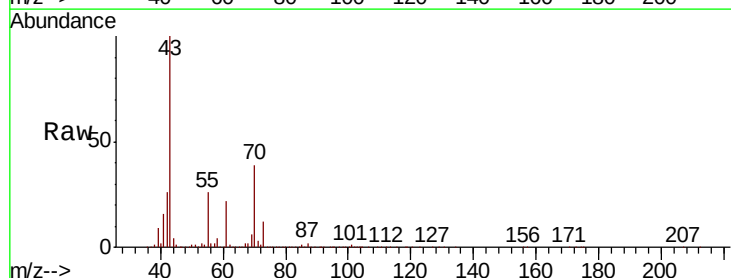
Ion Ratio Lower Upper

43 100

70 39.6 31.8 47.6

55 25.2 19.5 29.3

61 23.2 18.6 27.8



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

150000

100000

50000

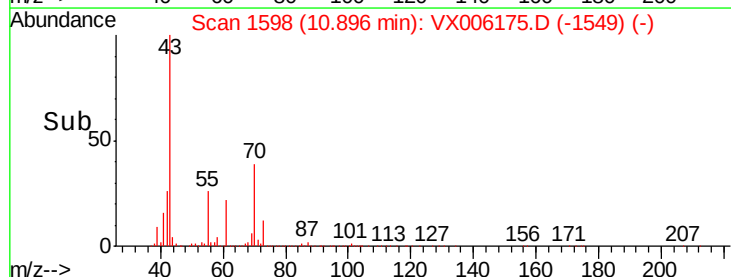
0

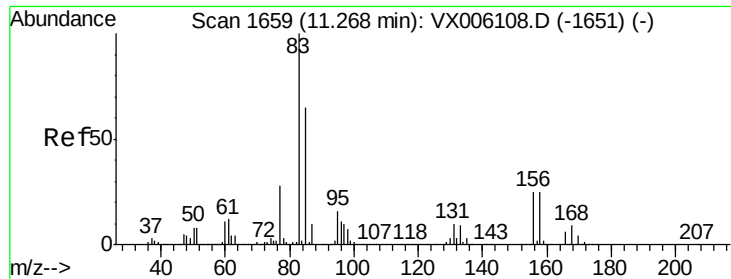
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.996 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

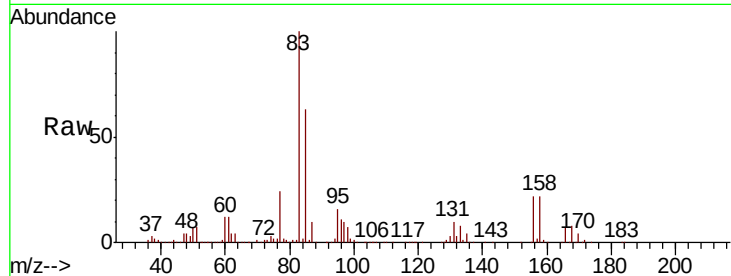
Tot Ion: 83 Resp: 94125

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

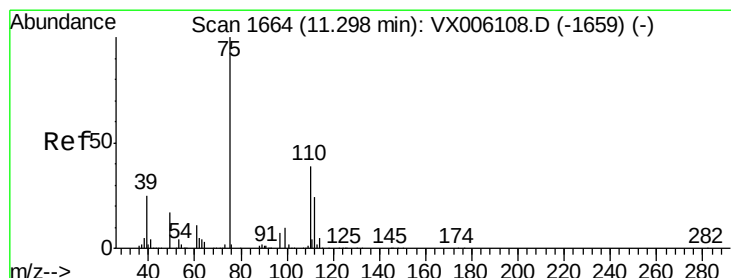
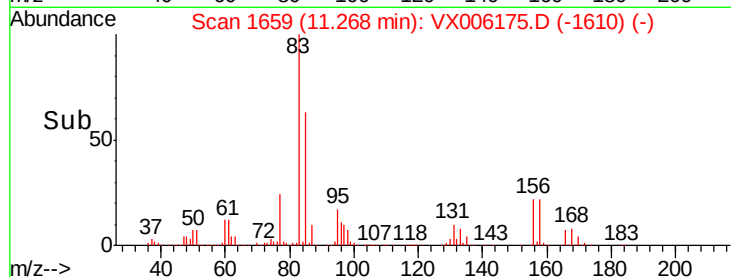
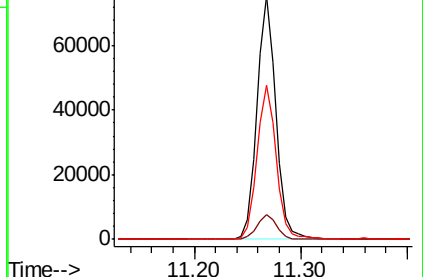
85 64.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.209 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006175.D

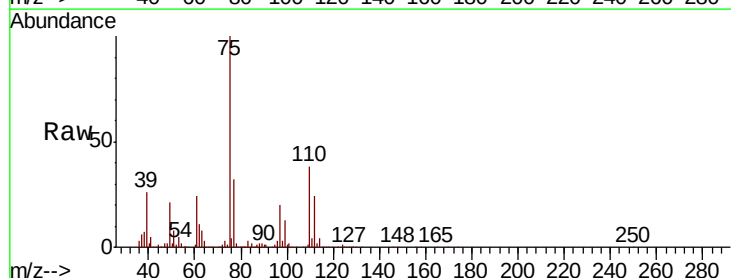
Acq: 26 Nov 2018 15:11

Tgt Ion: 75 Resp: 105126

Ion Ratio Lower Upper

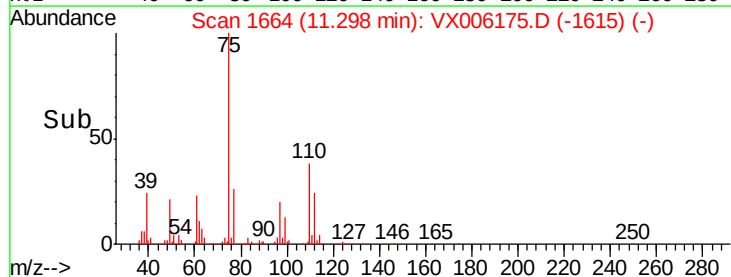
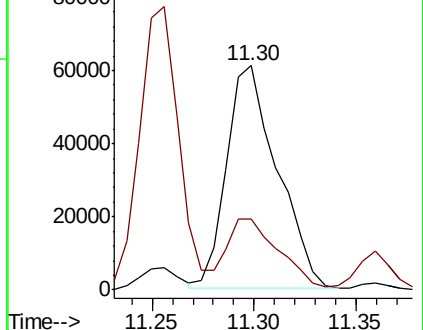
75 100

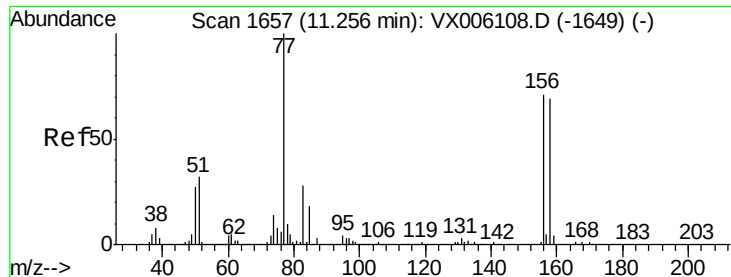
77 31.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.325 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

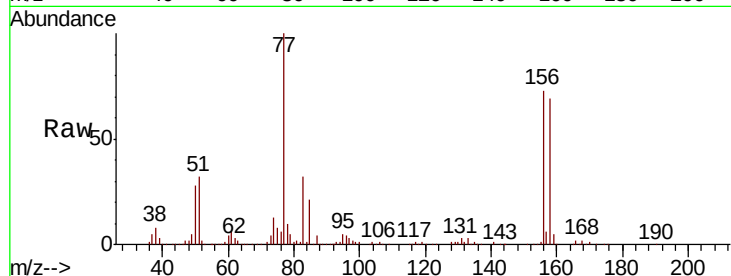
Tot Ion:156 Resp: 71015

Ion Ratio Lower Upper

156 100

77 146.5 74.3 222.8

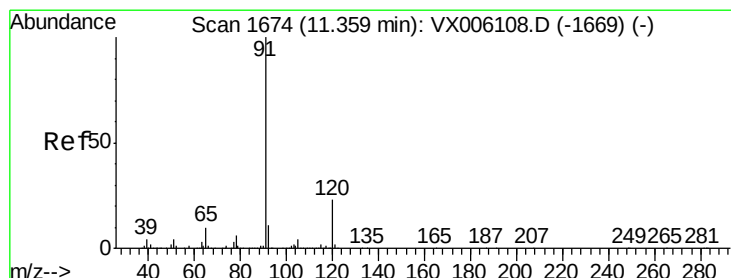
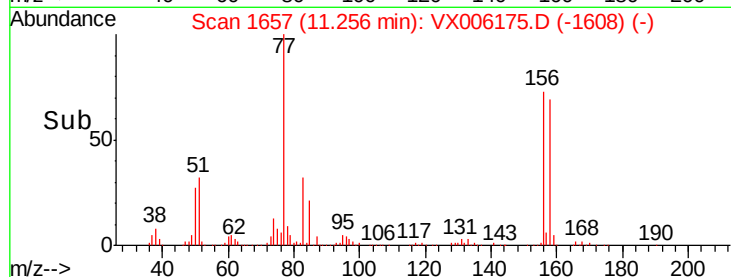
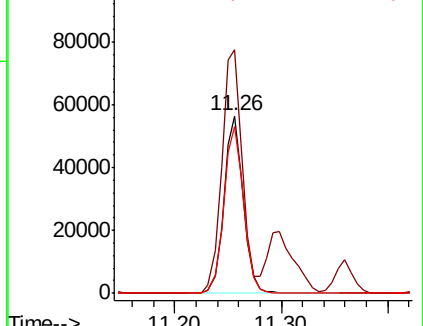
158 97.0 49.0 147.0



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: 22.681 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006175.D

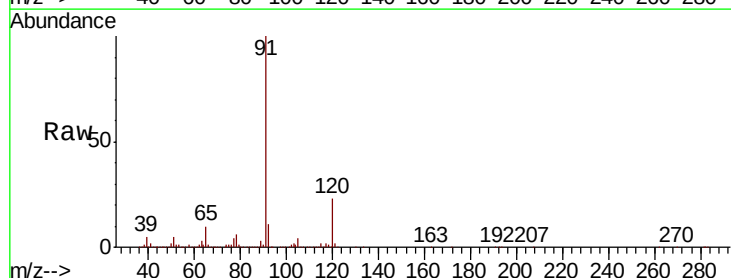
Acq: 26 Nov 2018 15:11

Tgt Ion: 91 Resp: 299937

Ion Ratio Lower Upper

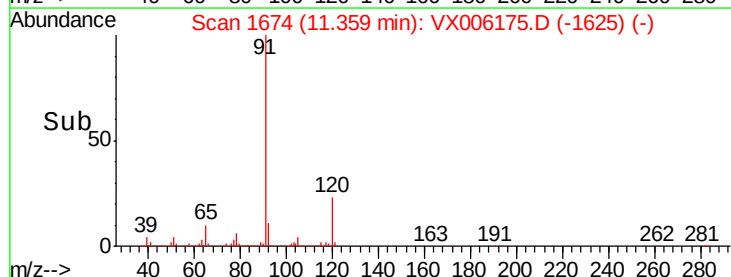
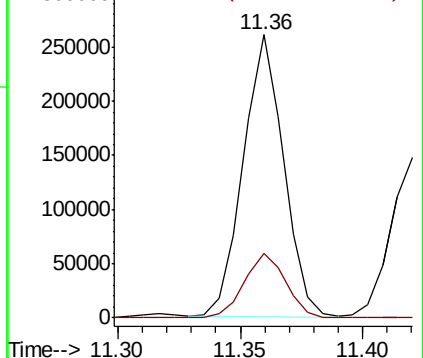
91 100

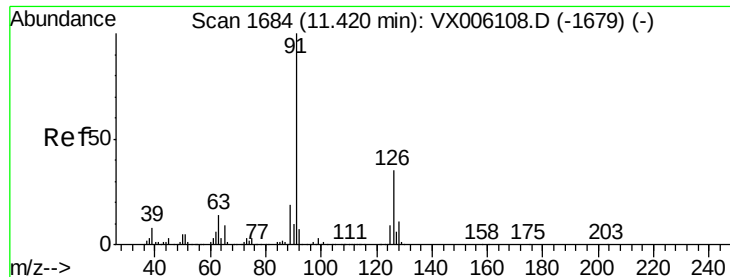
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.489 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

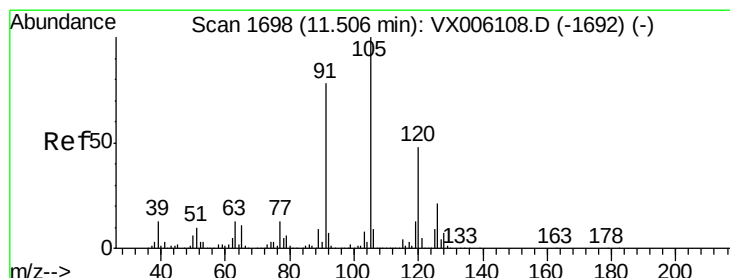
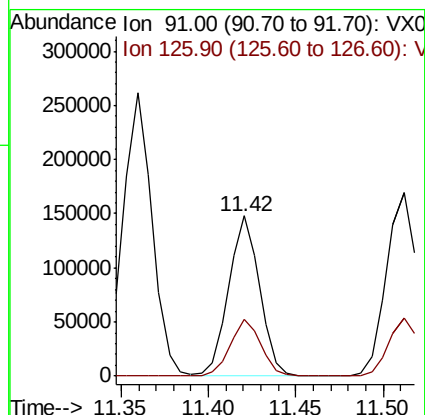
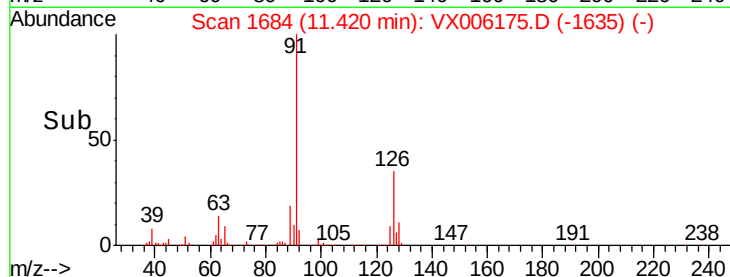
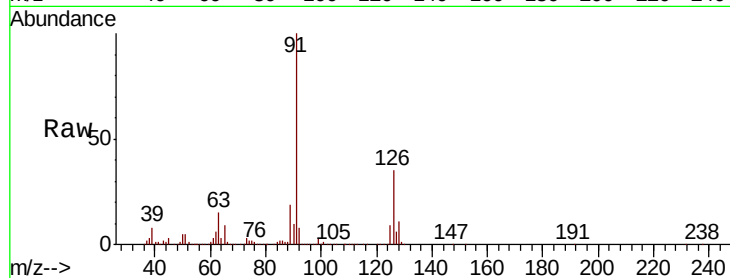
ClientSampleId :

Tot Ion: 91 Resp: 179914

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 22.856 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006175.D

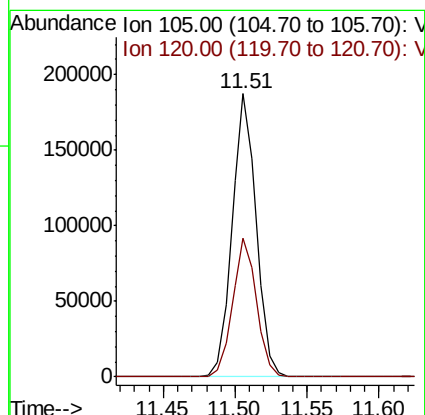
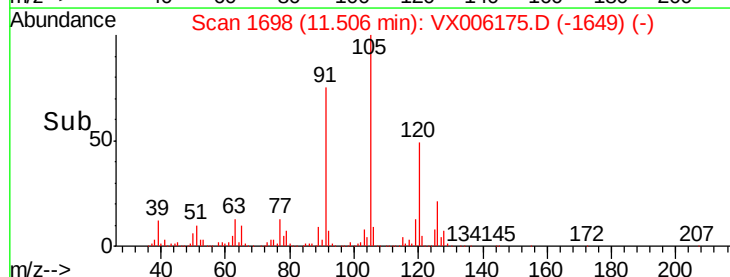
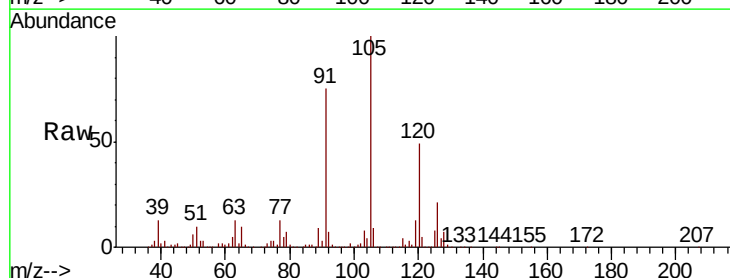
Acq: 26 Nov 2018 15:11

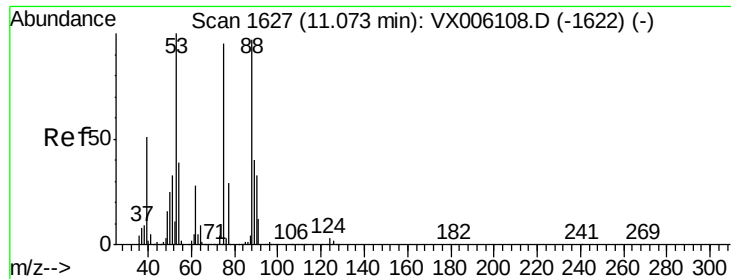
Tgt Ion: 105 Resp: 218816

Ion Ratio Lower Upper

105 100

120 49.1 24.3 73.0

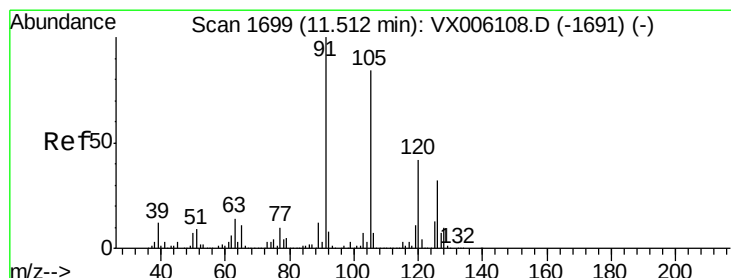
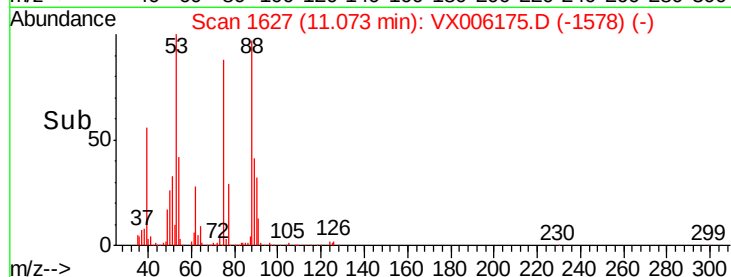
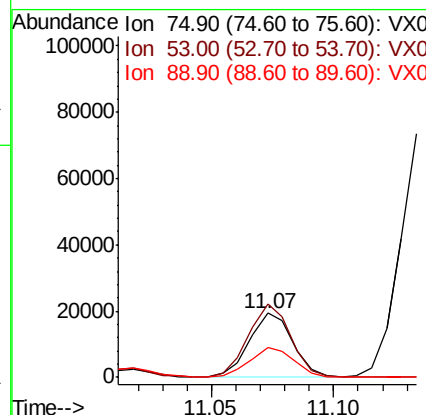
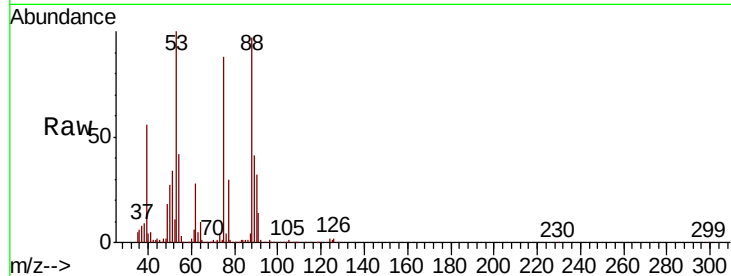




#81
trans-1,4-Dichloro-2-butene
Concen: 21.310 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

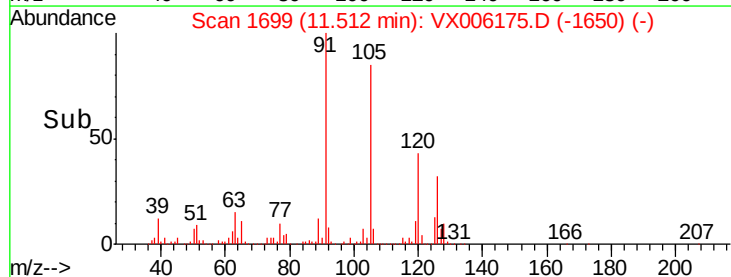
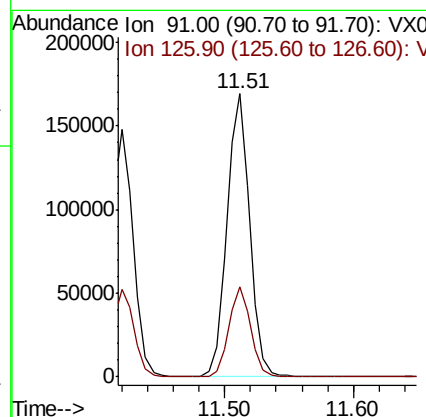
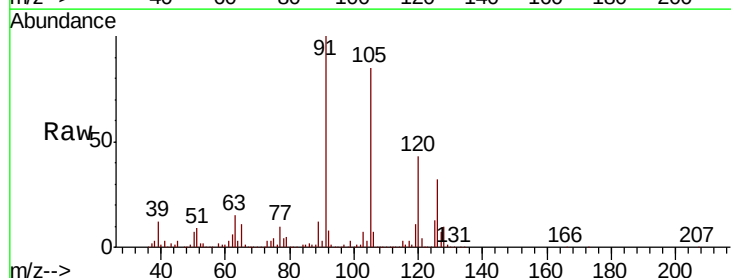
Instrument :
MSVOA_X
ClientSampleId :

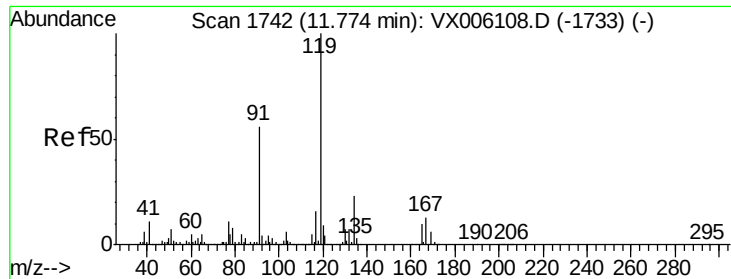
Tot Ion: 75 Resp: 24344
Ion Ratio Lower Upper
75 100
53 110.2 85.3 127.9
89 47.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 22.469 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 91 Resp: 209780
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

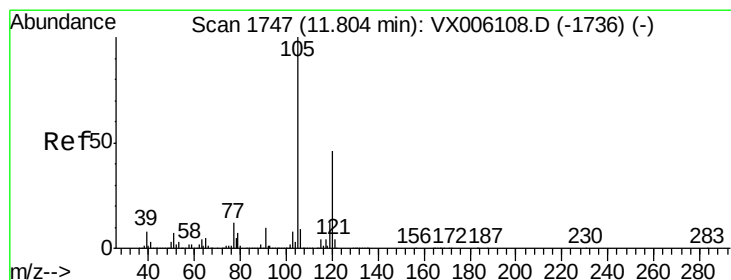
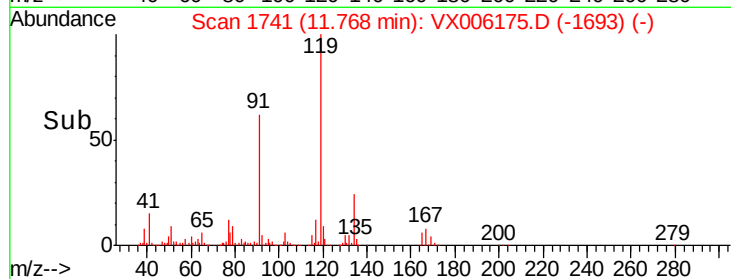
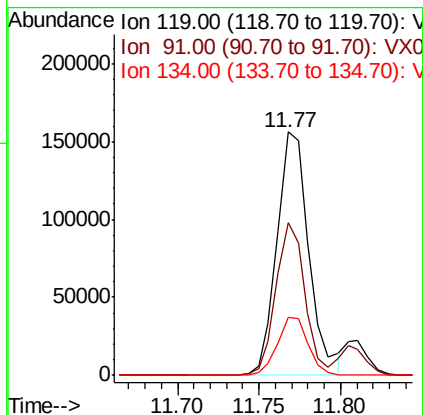
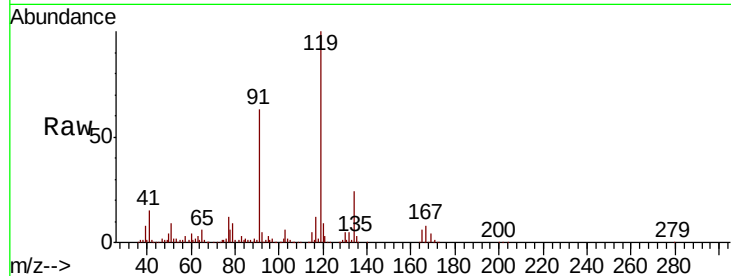




#83
 tert-Butylbenzene
 Concen: 22.795 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

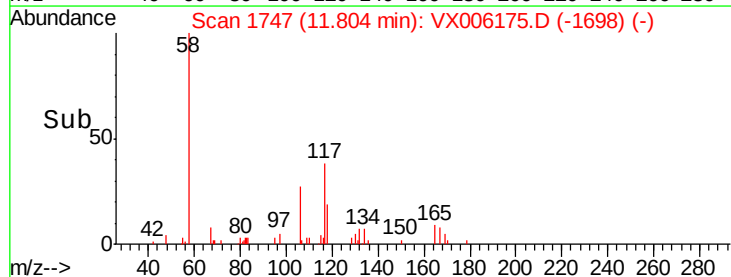
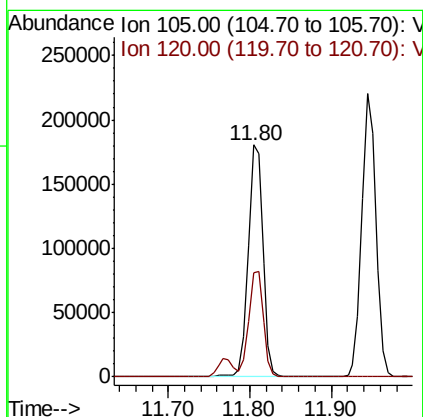
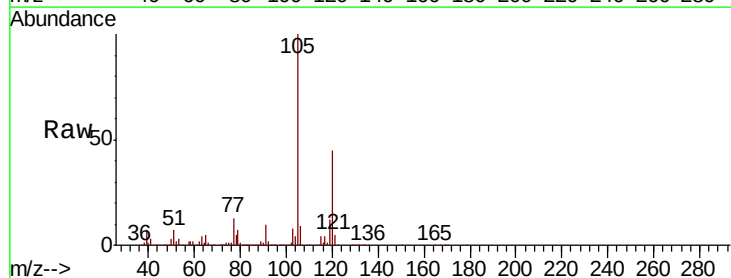
Instrument :
 MSVOA_X
 ClientSampleId :

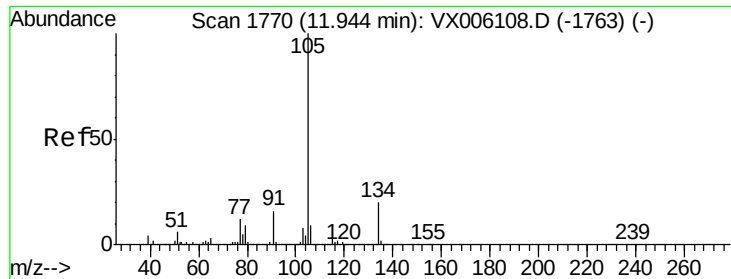
Tot Ion:119 Resp: 213046
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.2 84.6
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 23.185 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion:105 Resp: 226411
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.0





#85

sec-Butylbenzene

Concen: 22.868 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

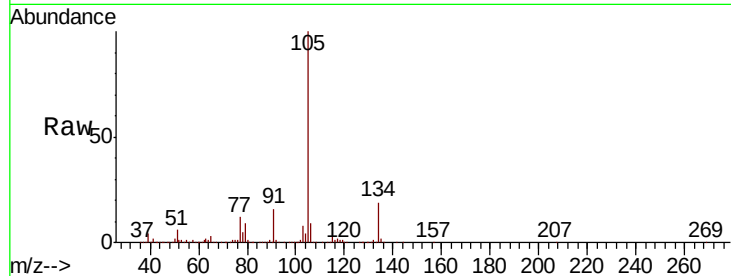
ClientSampleId :

Tot Ion:105 Resp: 261427

Ion Ratio Lower Upper

105 100

134 19.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

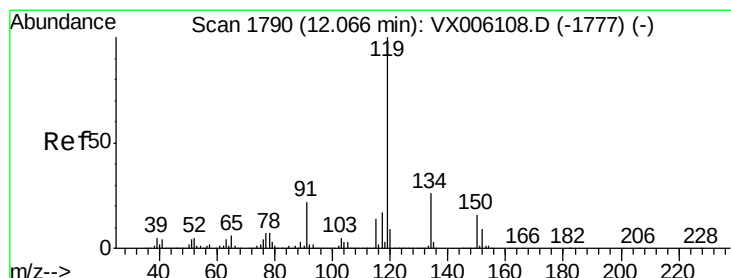
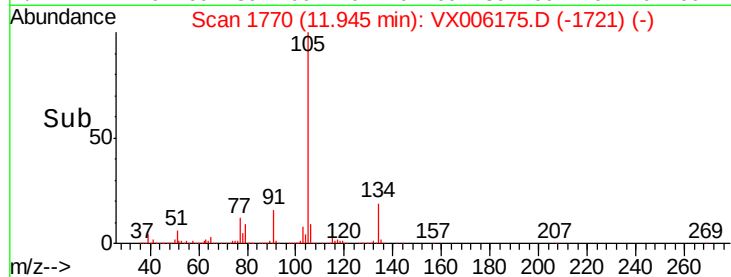
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.659 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

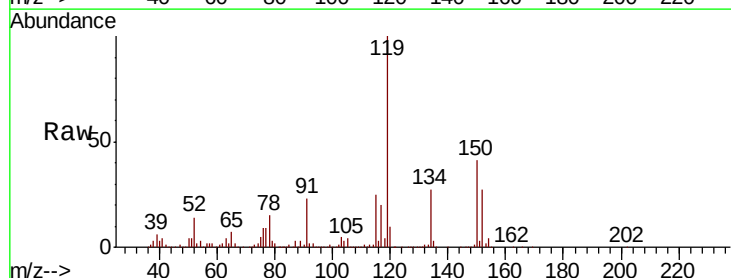
Tgt Ion:119 Resp: 230956

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.1 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

200000

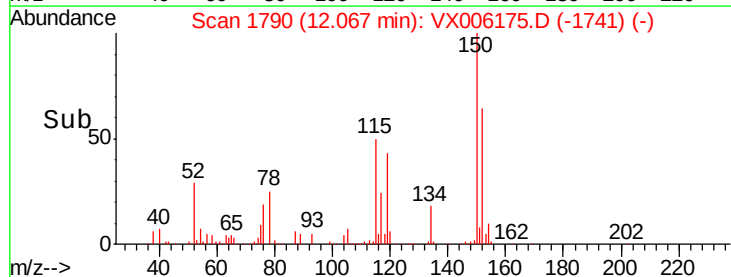
150000

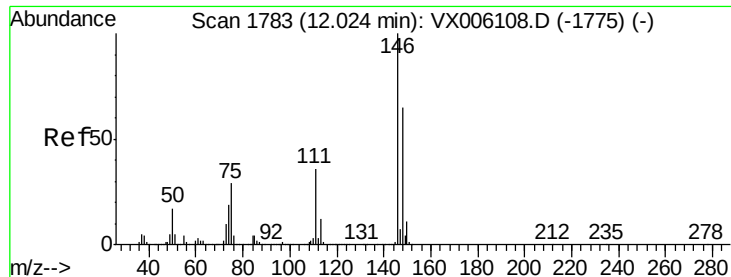
100000

50000

0

Time-->

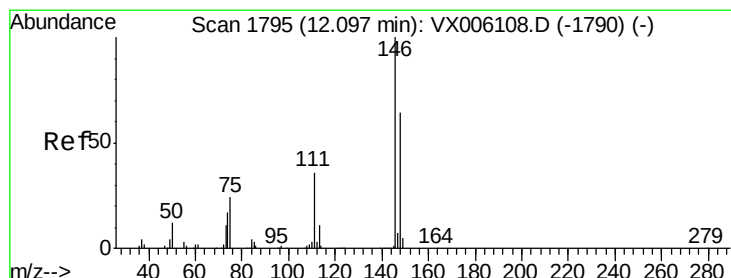
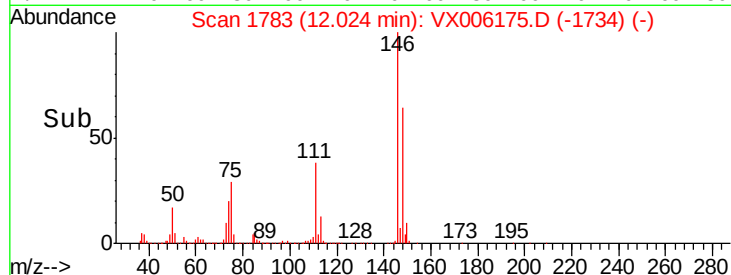
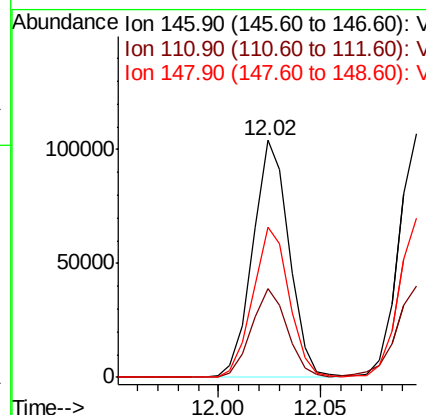
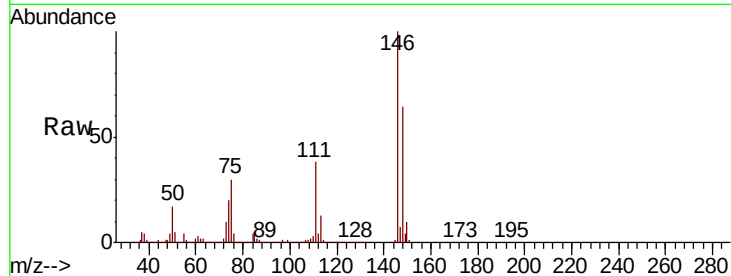




#87
 1,3-Dichlorobenzene
 Concen: 21.991 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

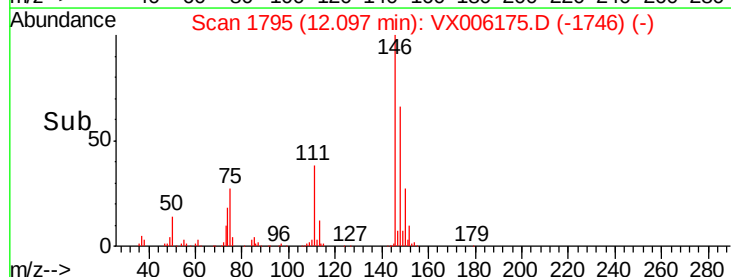
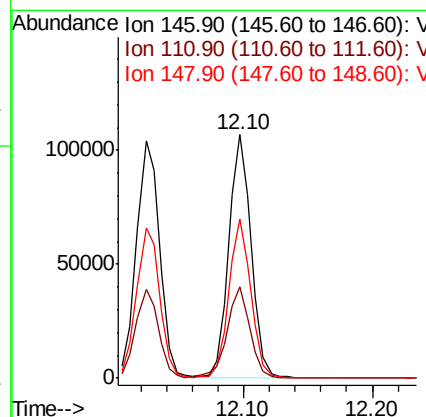
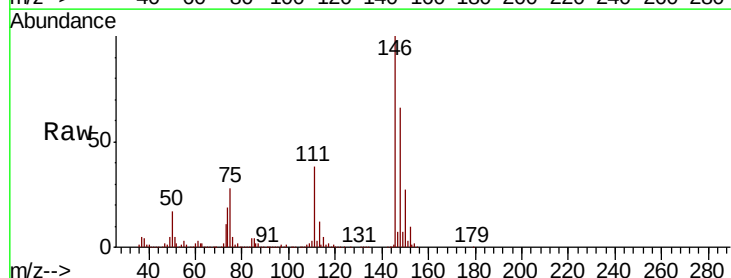
Instrument :
 MSVOA_X
 ClientSampleId :

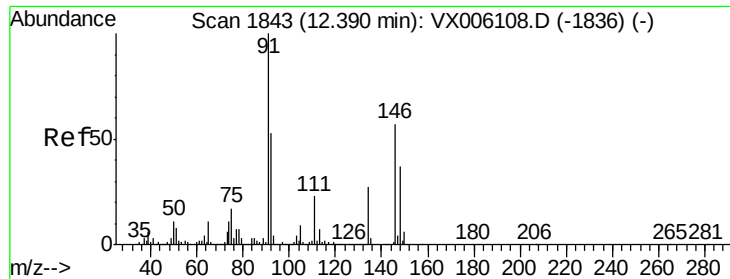
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	63.6	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 21.478 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.3	54.9
148	64.6	32.2	96.6

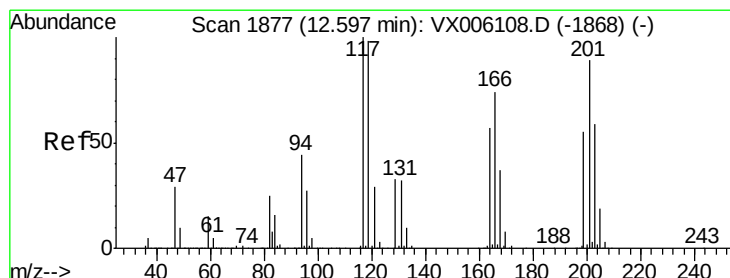
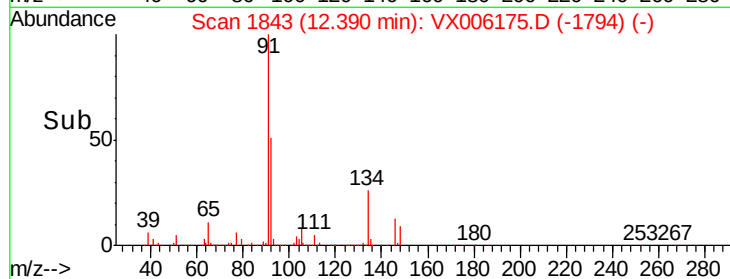
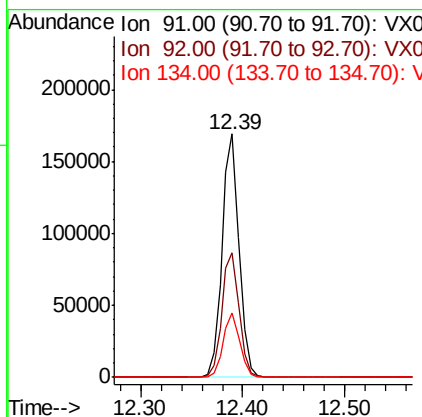
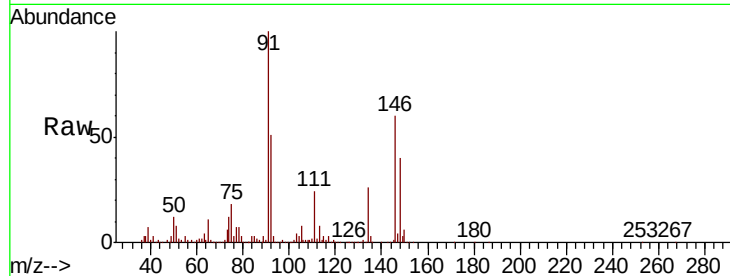




#89
n-Butylbenzene
Concen: 21.243 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

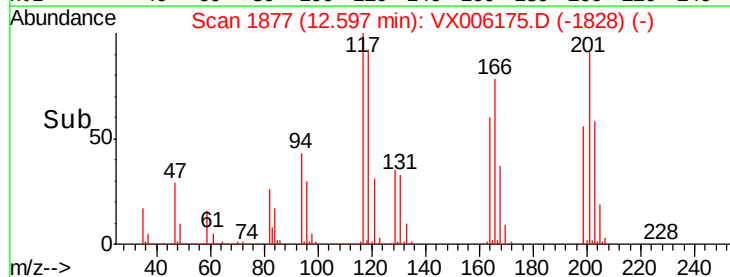
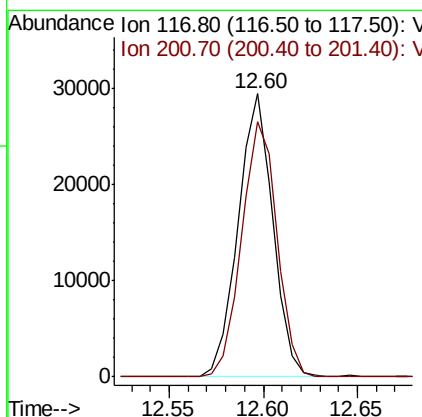
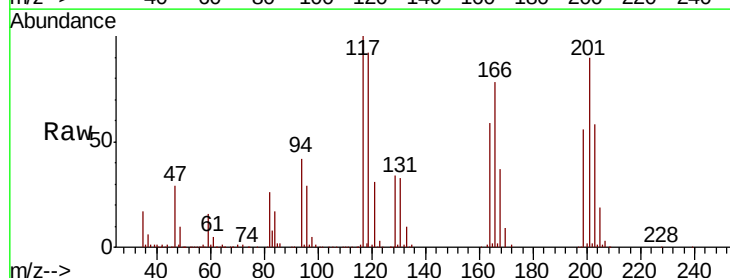
Instrument :
MSVOA_X
ClientSampled :

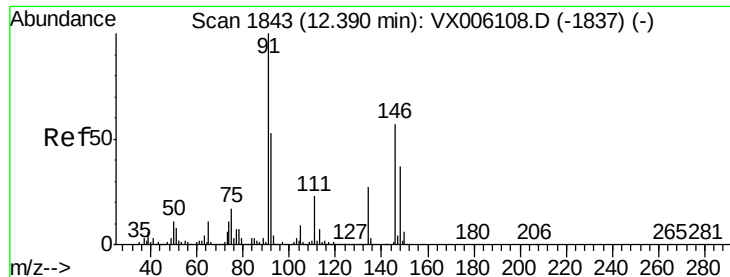
Tot Ion: 91 Resp: 196034
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 25.9 13.1 39.3



#90
Hexachloroethane
Concen: 22.929 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 117 Resp: 37295
Ion Ratio Lower Upper
117 100
201 92.7 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 21.387 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

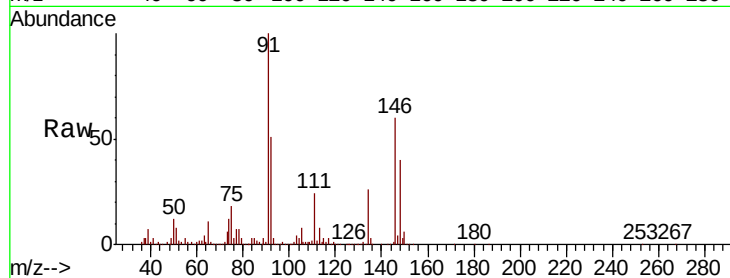
Tot Ion:146 Resp: 128242

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

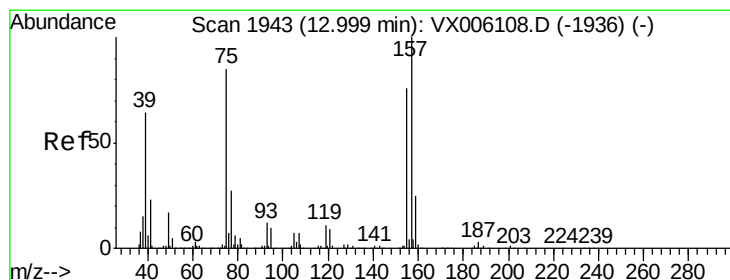
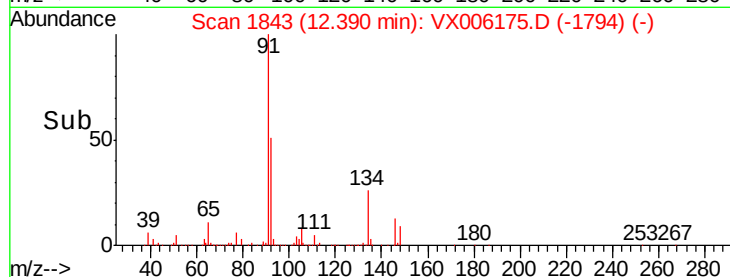
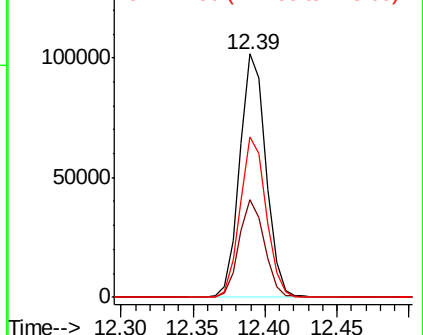
148 65.6 32.0 96.0



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: 22.337 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

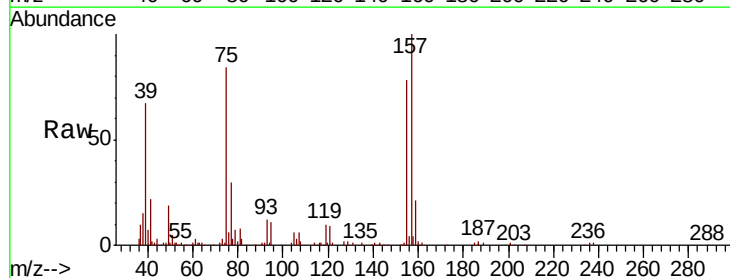
Tgt Ion: 75 Resp: 22180

Ion Ratio Lower Upper

75 100

155 90.5 46.1 138.3

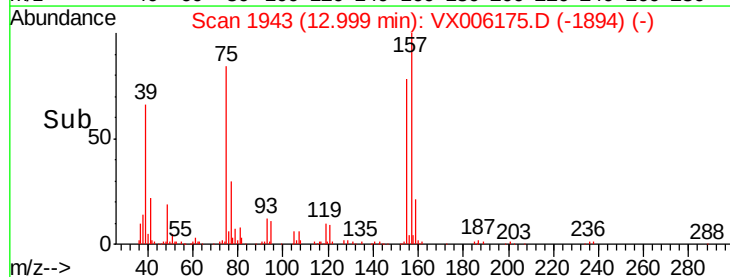
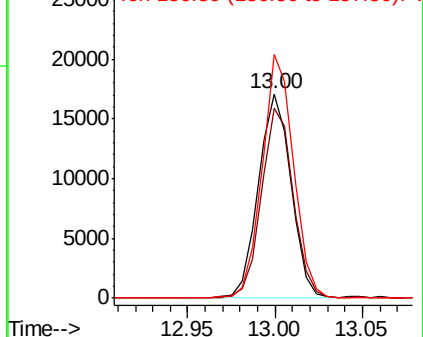
157 114.2 59.8 179.3

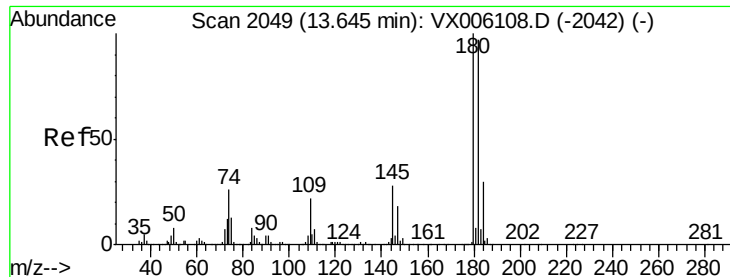


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

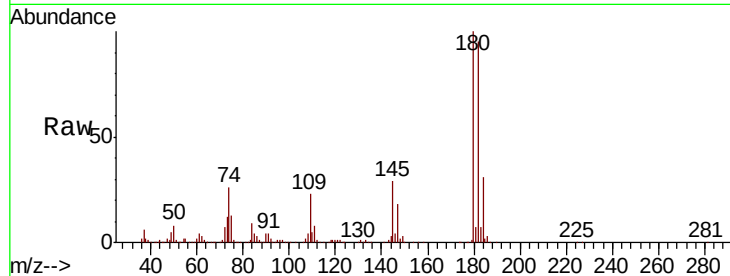




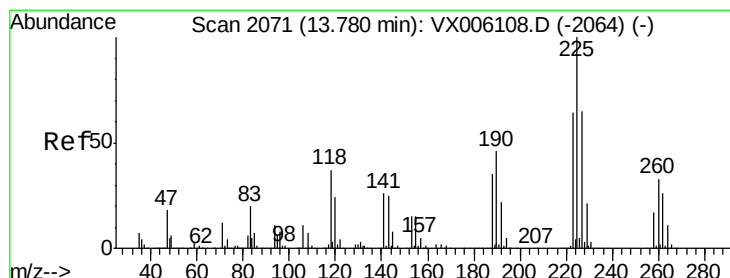
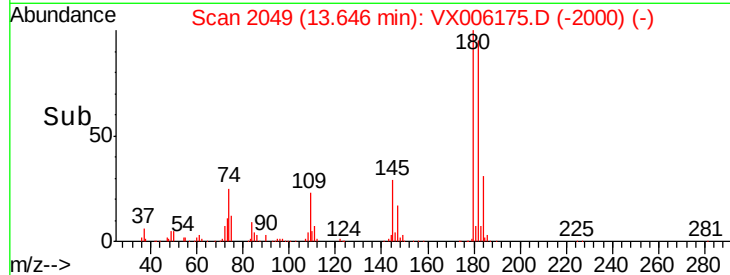
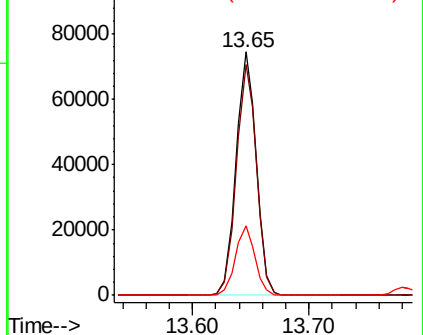
#93
 1,2,4-Trichlorobenzene
 Concen: 21.298 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 89967
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.2 144.6
 145 28.1 14.1 42.2

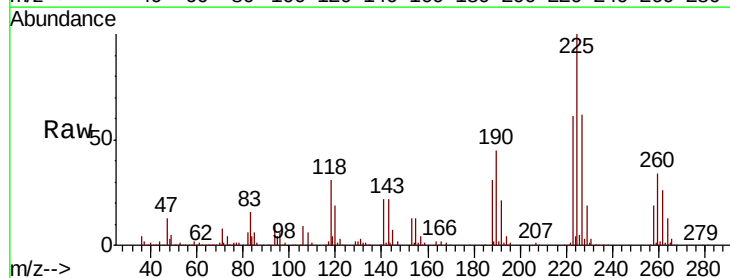


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

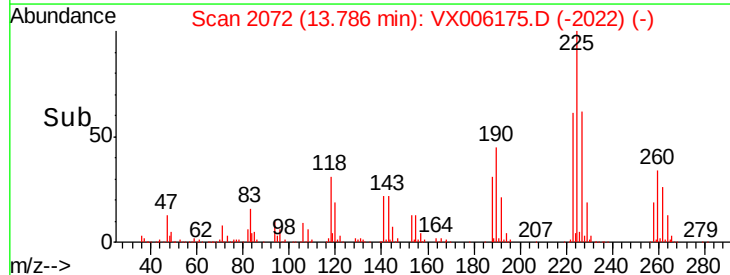
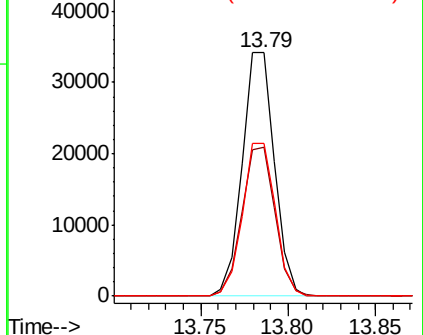


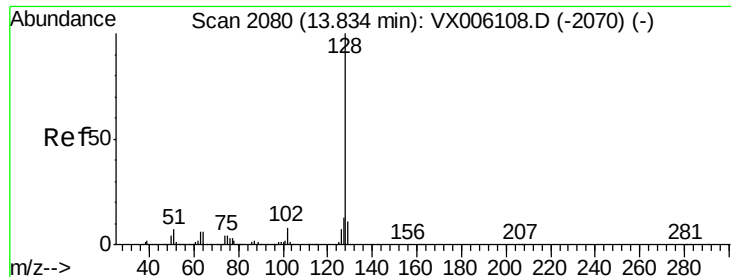
#94
 Hexachlorobutadiene
 Concen: 21.277 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion:225 Resp: 43803
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 63.8 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

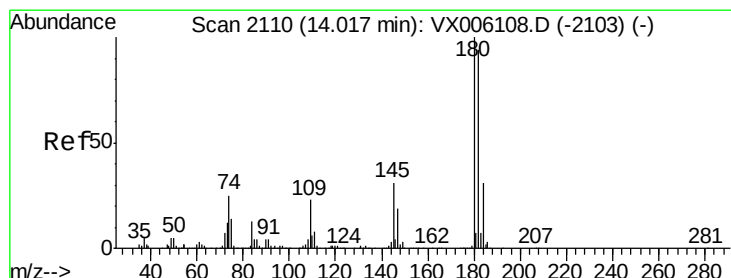
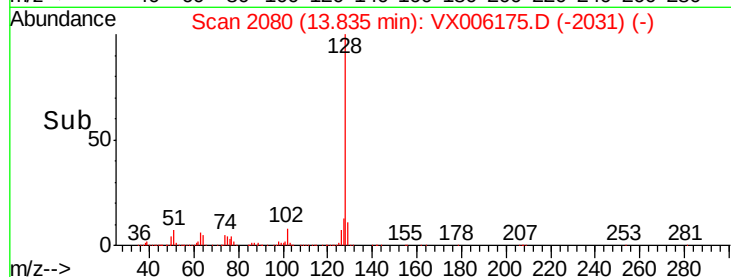
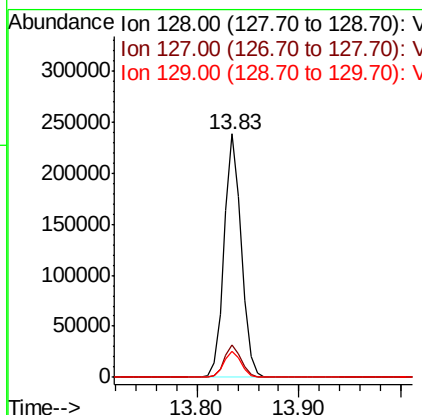
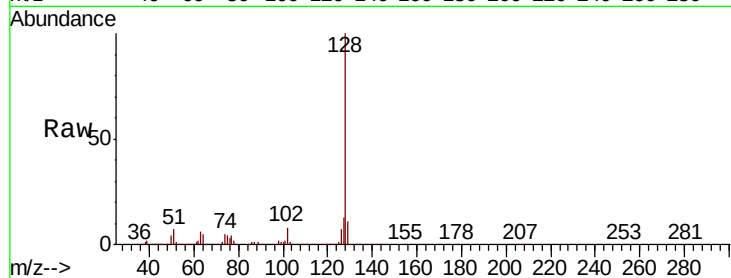




#95
Naphthalene
Concen: 22.403 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 278275
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.808 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion:180 Resp: 93914
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 29.7 15.0 45.0

