

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 :
 VX1126WBSD01

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

Target Compounds	R.T.	QIon	Response	Conc	Units	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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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

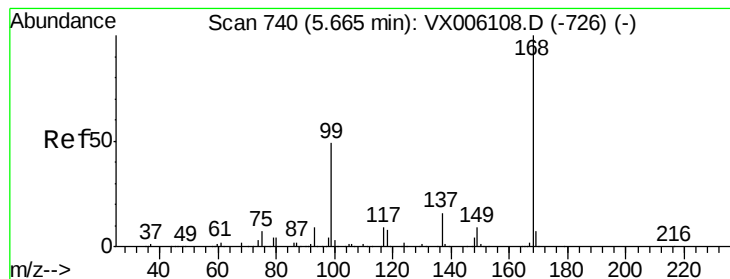
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Response via : Initial Calibration

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 :

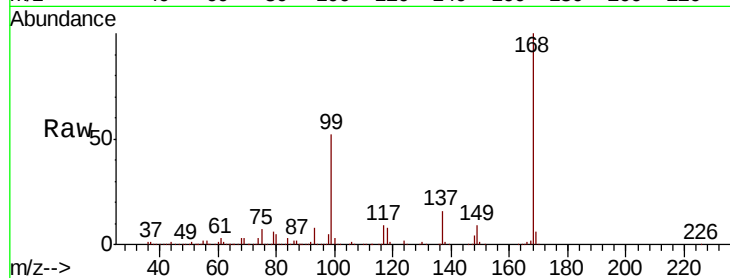
VX1126WBSD01

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

80000

60000

40000

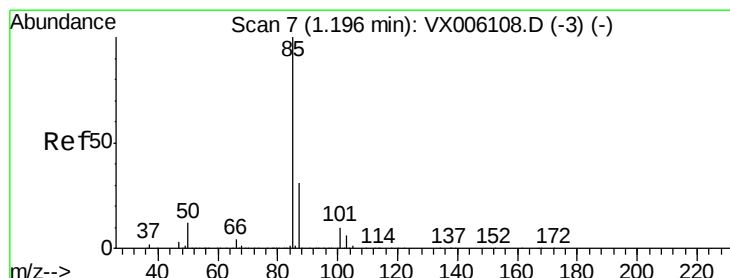
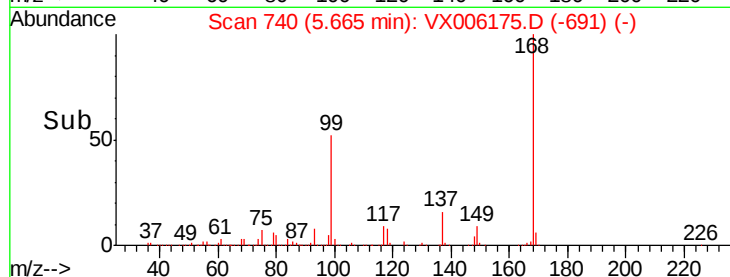
20000

0

5.50 5.60 5.70 5.80

Time-->

5.67



#2

Dichlorodifluoromethane

Concen: 23.528 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006175.D

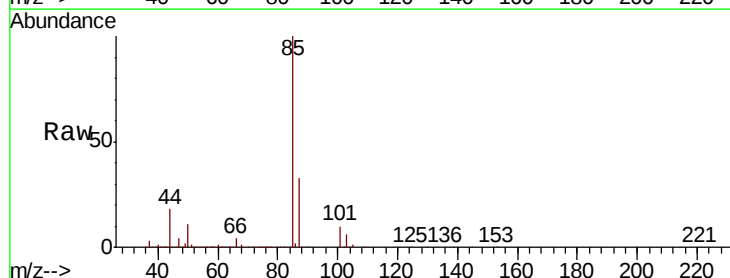
Acq: 26 Nov 2018 15:11

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

40000

30000

20000

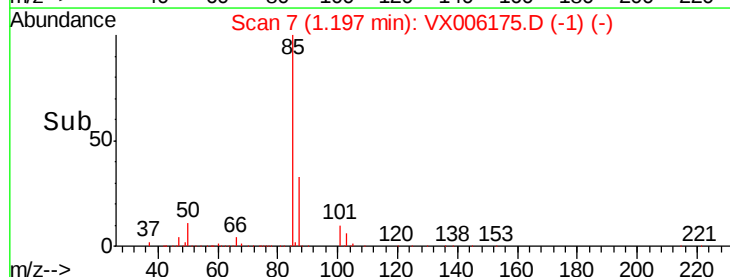
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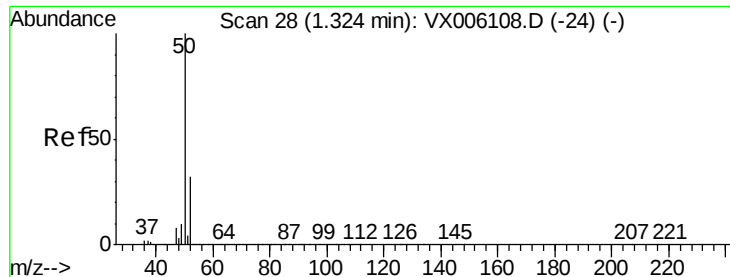
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1.15 1.20 1.25 1.30

Time-->

1.20





#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 :

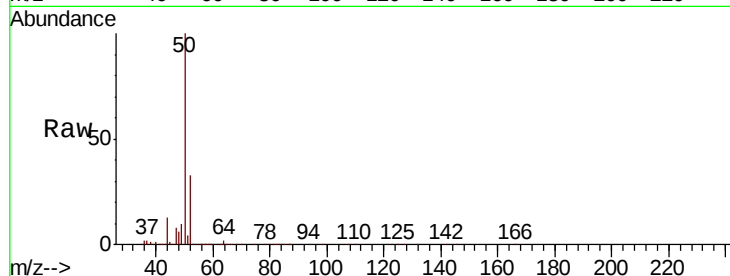
VX1126WBSD01

Tot Ion: 50 Resp: 48648

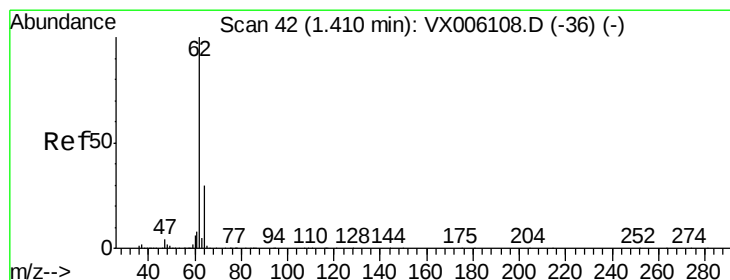
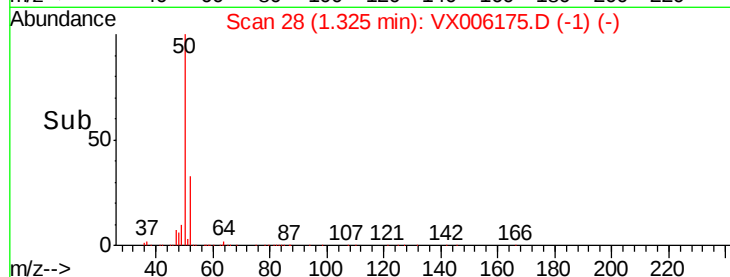
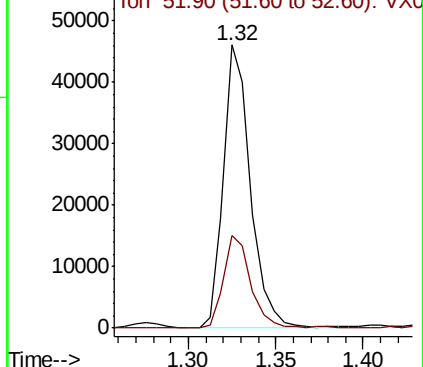
Ion Ratio Lower Upper

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

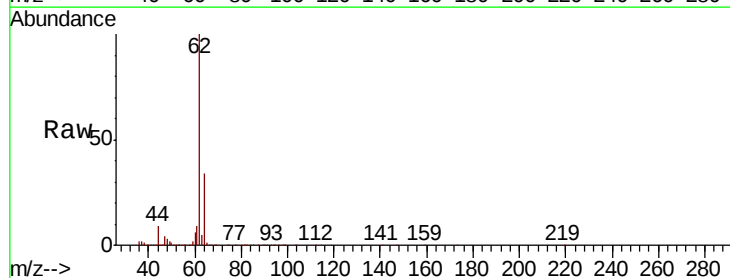
Acq: 26 Nov 2018 15:11

Tgt Ion: 62 Resp: 49917

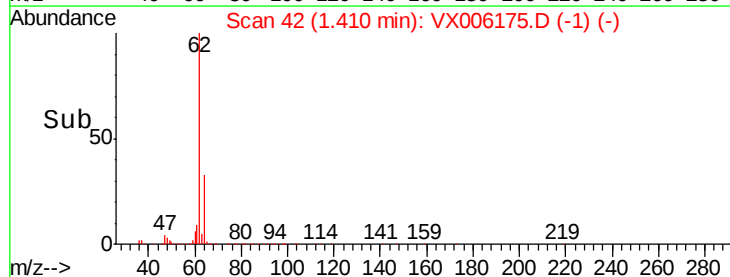
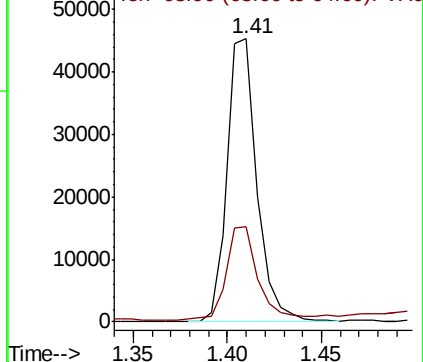
Ion Ratio Lower Upper

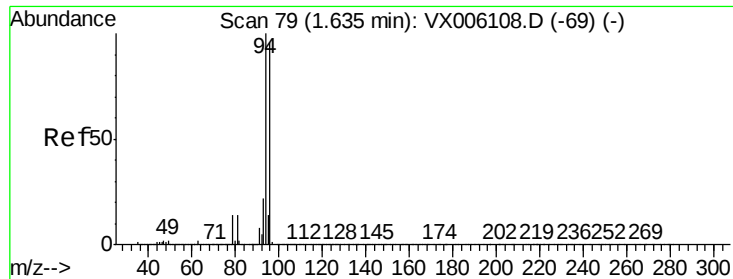
62 100

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 :

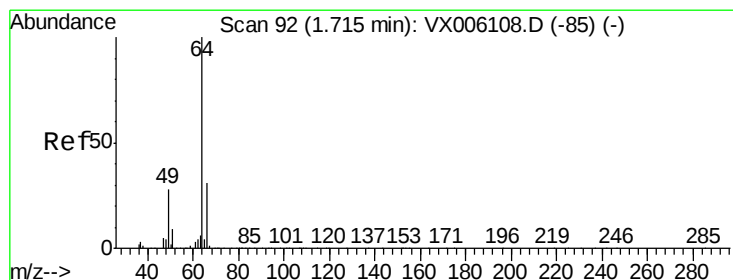
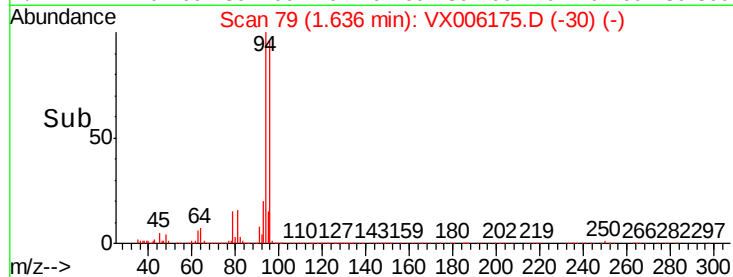
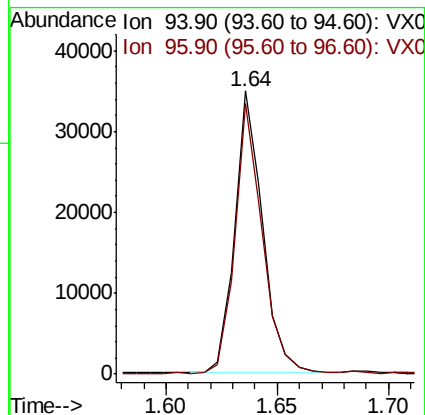
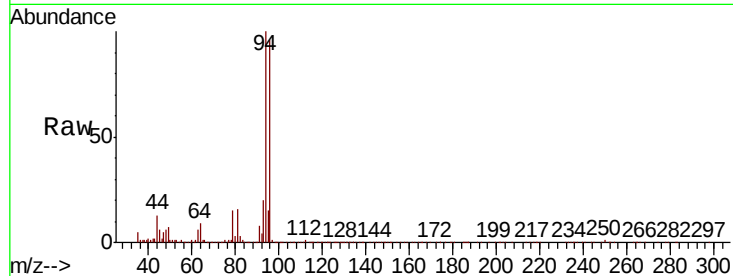
VX1126WBSD01

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

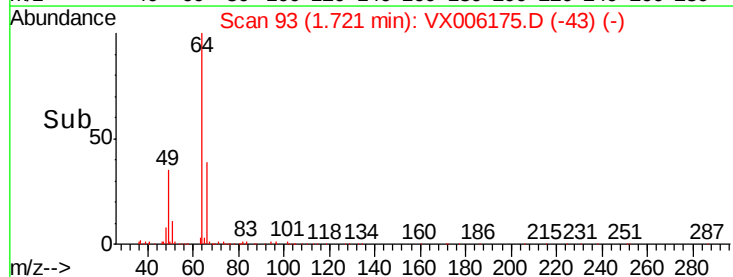
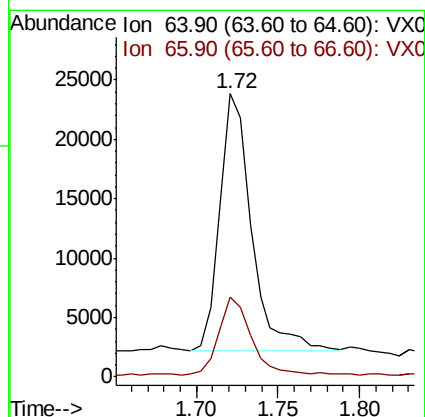
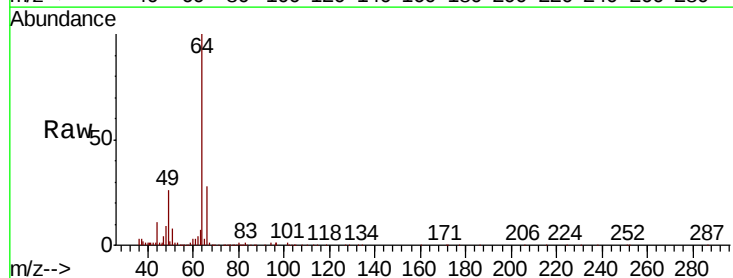
Acq: 26 Nov 2018 15:11

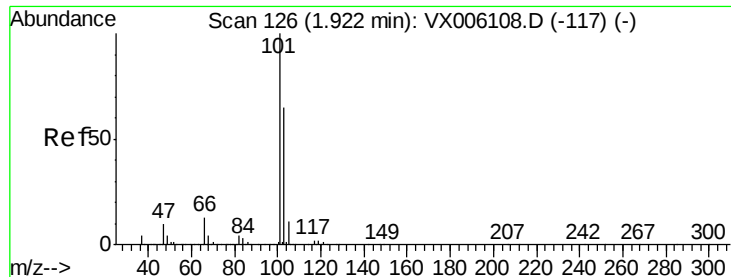
Tgt Ion: 64 Resp: 29840

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7



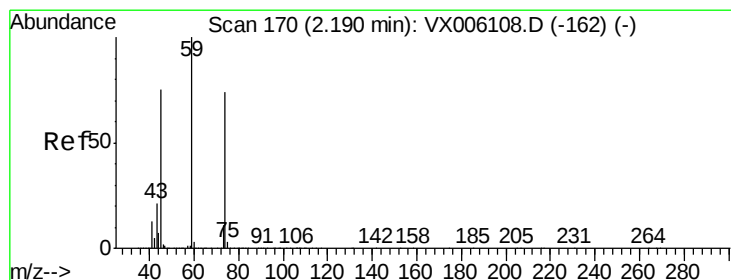
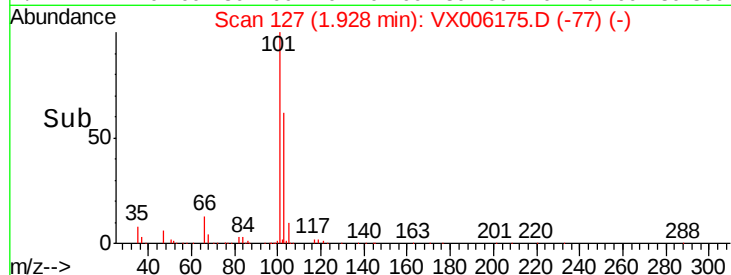
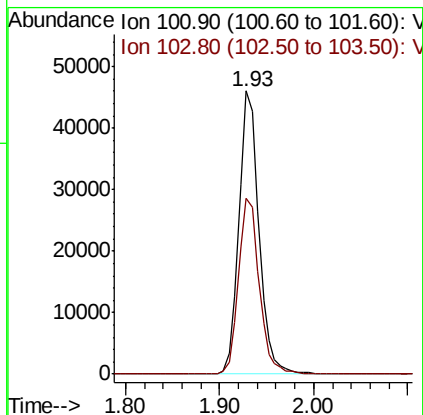
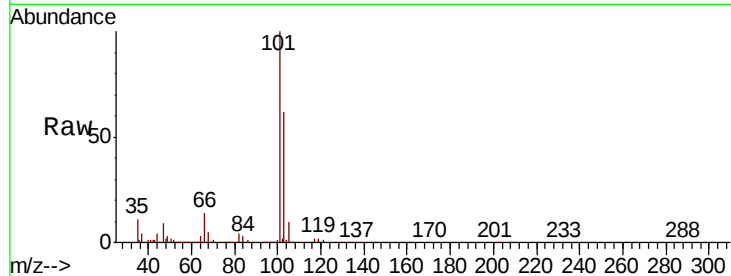


#7

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
 ClientSampleId :
 VX1126WBSD01

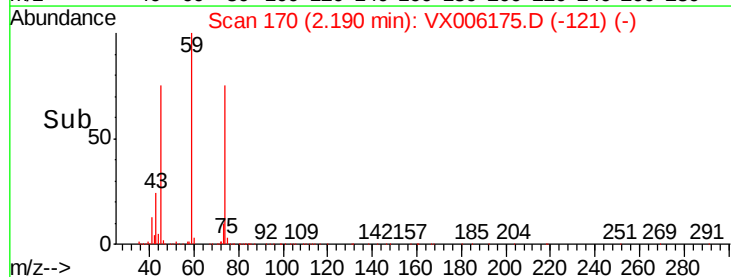
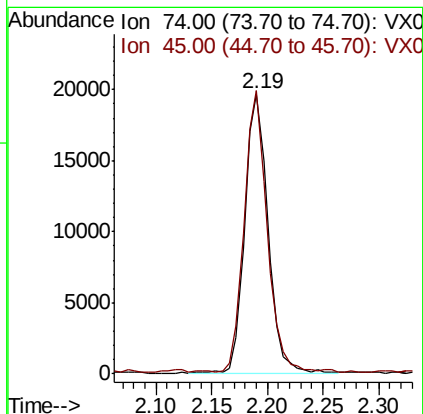
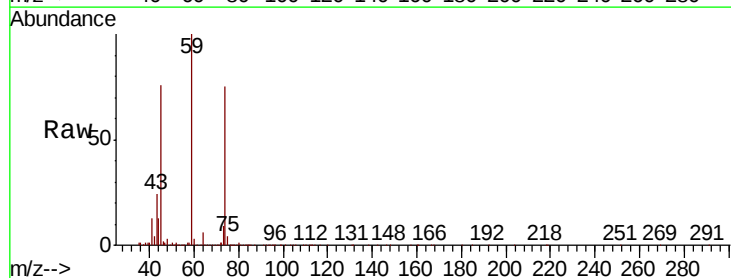
Tot Ion:101 Resp: 68328
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.1 78.1

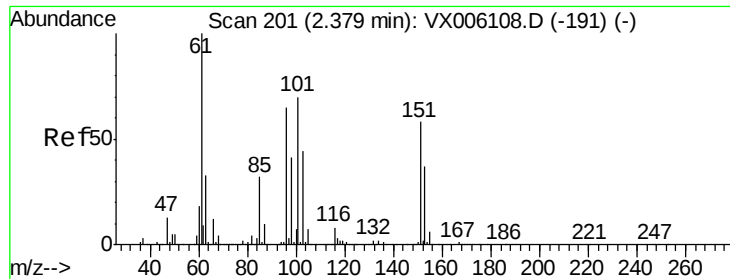


#8

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

ClientSampleId :

VX1126WBSD01

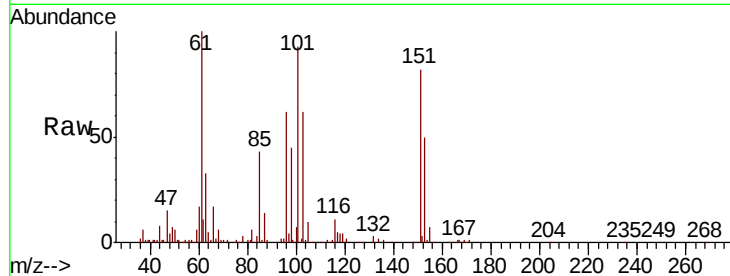
Tot Ion:101 Resp: 39826

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

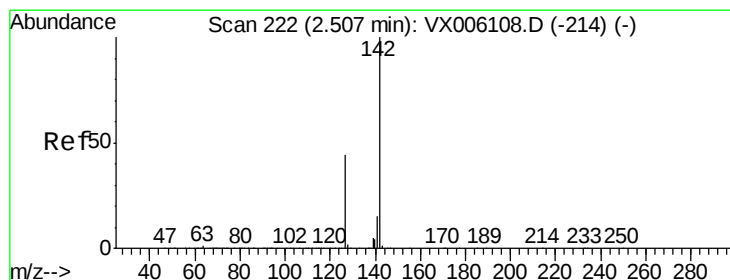
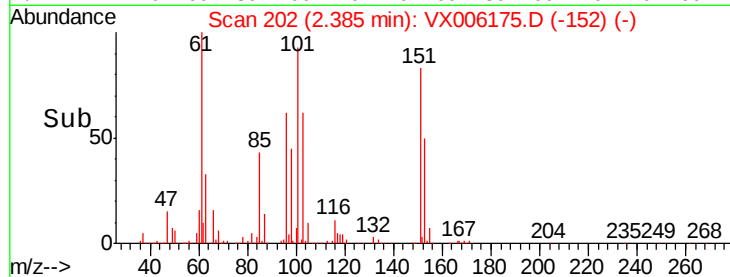
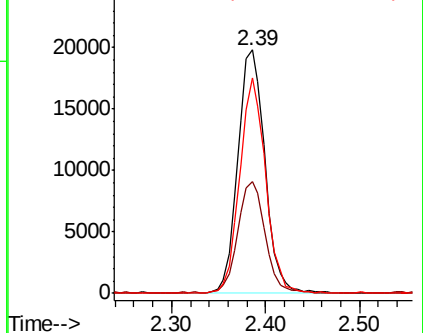
151 84.4 65.8 98.6



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

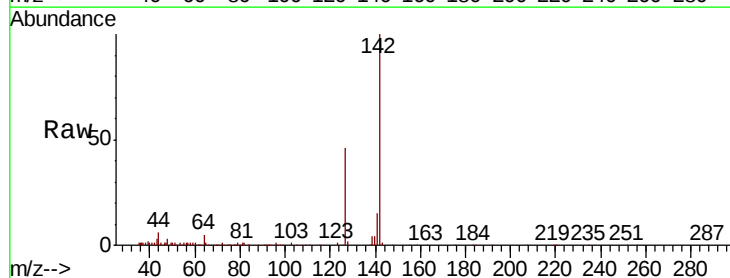
Tgt Ion:142 Resp: 35990

Ion Ratio Lower Upper

142 100

127 47.1 36.0 54.0

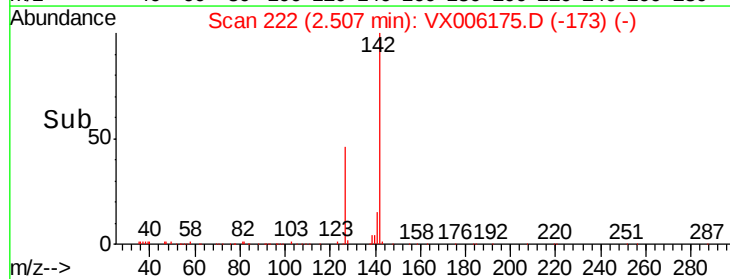
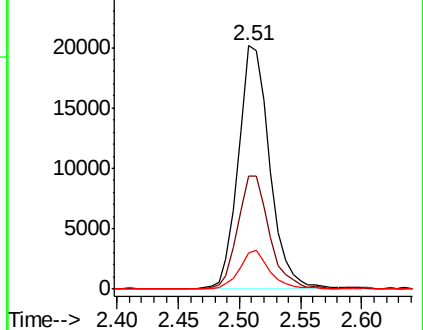
141 15.1 11.7 17.5

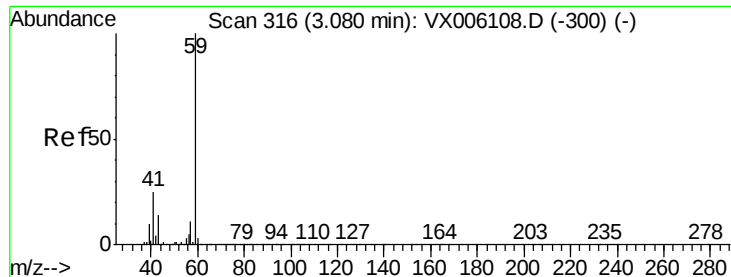


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



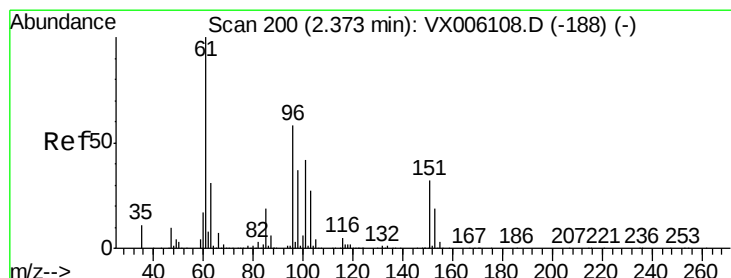
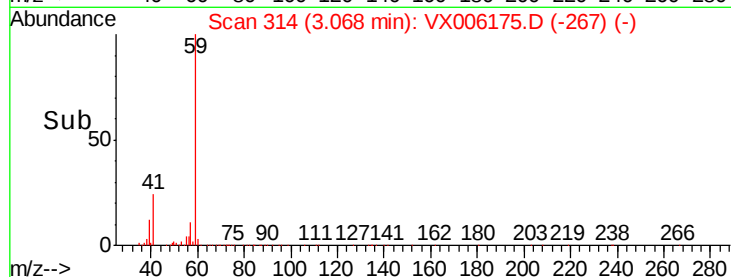
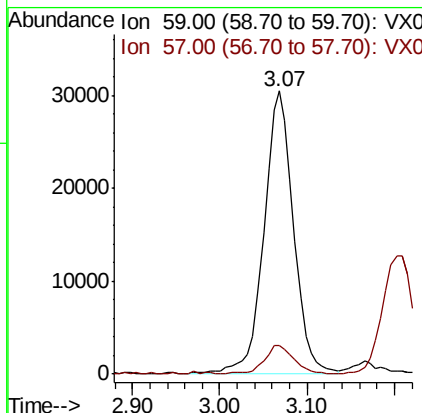
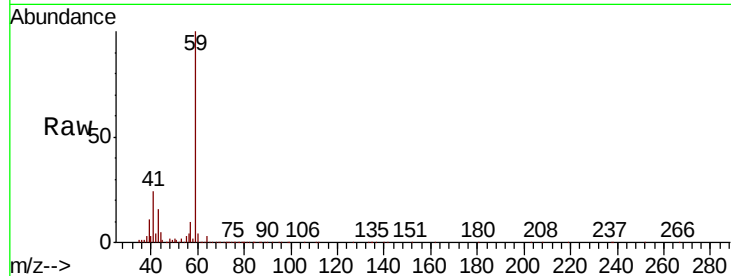


#11

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 :
VX1126WBSD01

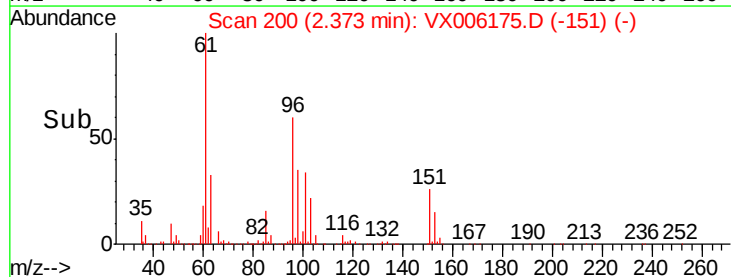
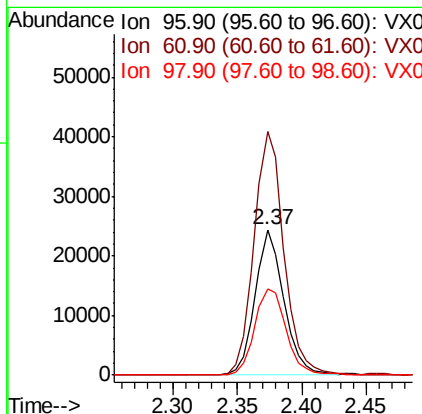
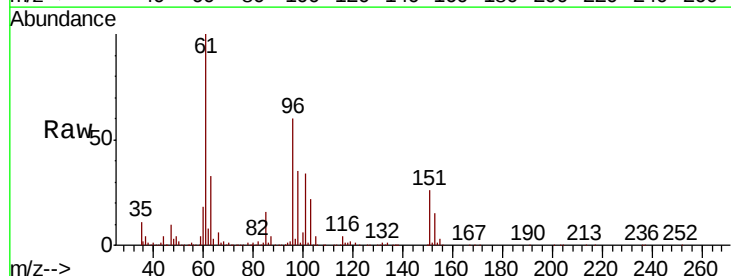
Tot Ion: 59 Resp: 71527
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

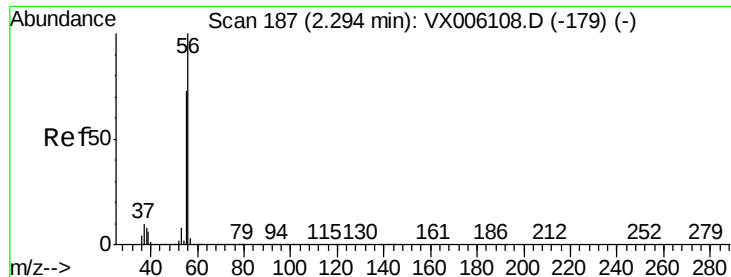


#12

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

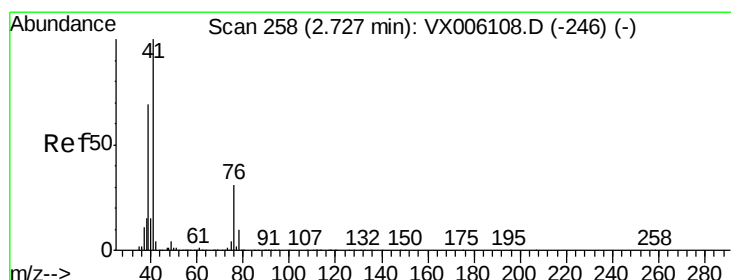
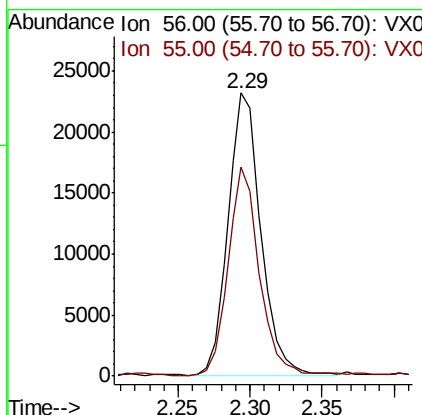
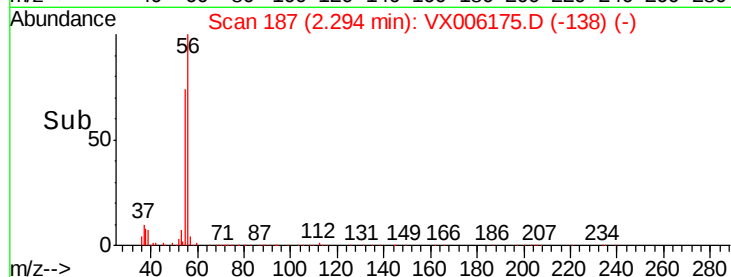
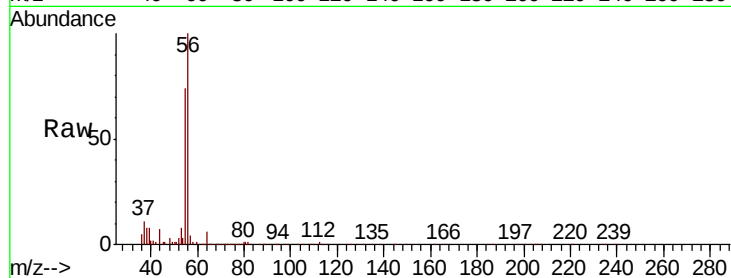




#13
Acrolein
Concen: 109.604 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

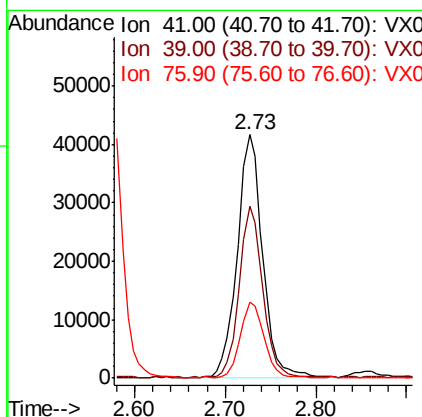
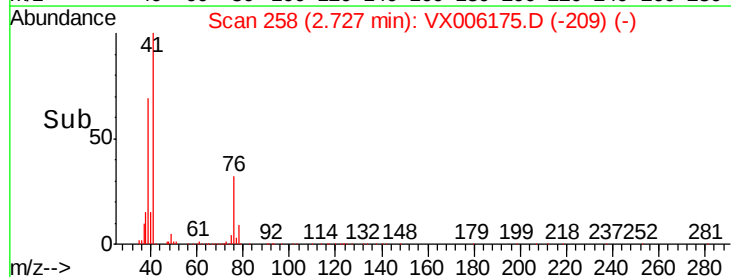
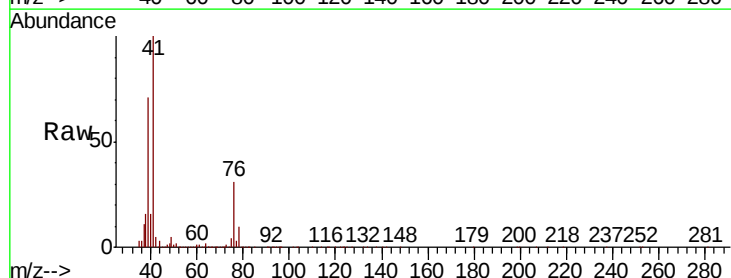
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

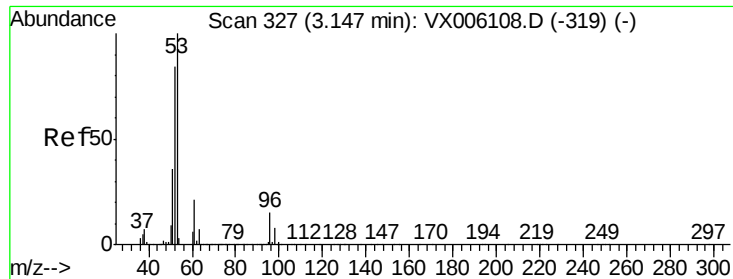
Tot Ion: 56 Resp: 36748
Ion Ratio Lower Upper
56 100
55 71.8 57.8 86.6



#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 :

VX1126WBSD01

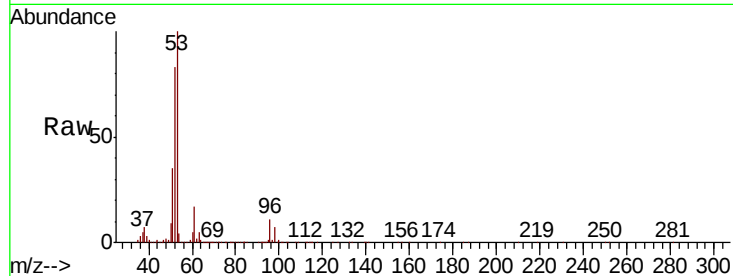
Tot Ion: 53 Resp: 148546

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

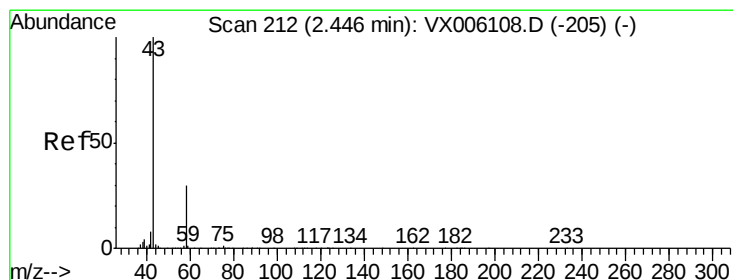
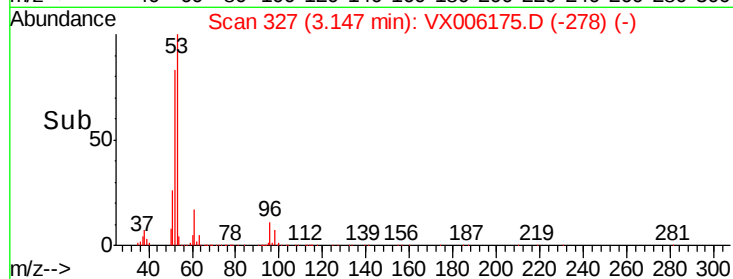
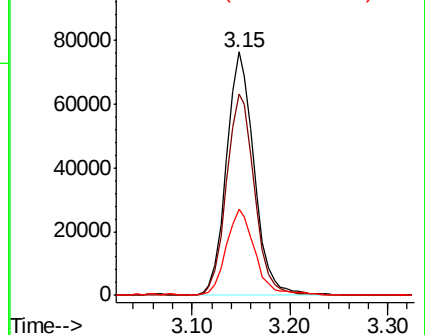
51 36.4 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 124.658 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006175.D

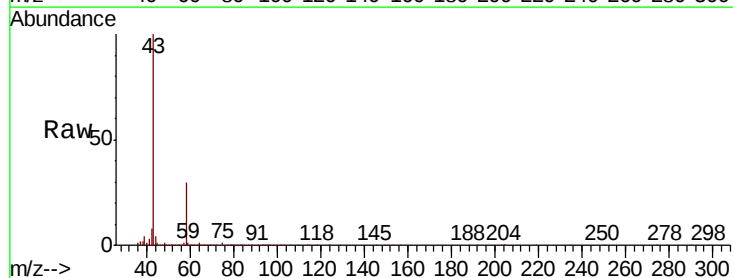
Acq: 26 Nov 2018 15:11

Tgt Ion: 43 Resp: 145699

Ion Ratio Lower Upper

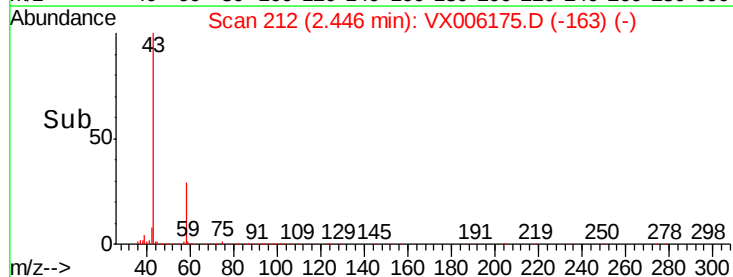
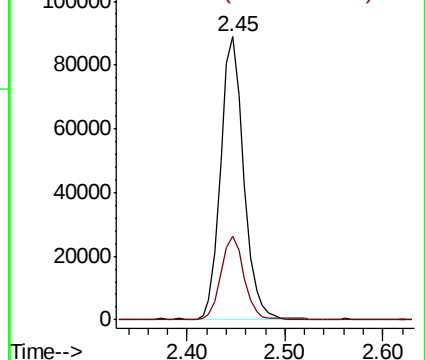
43 100

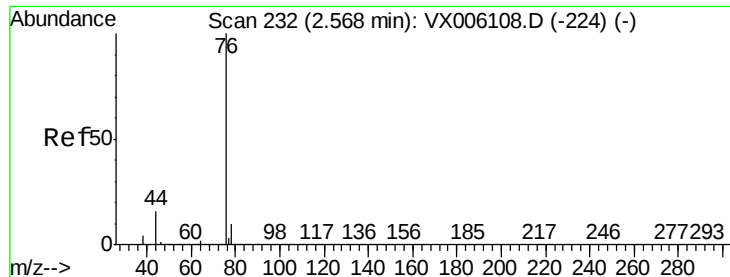
58 29.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#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 :

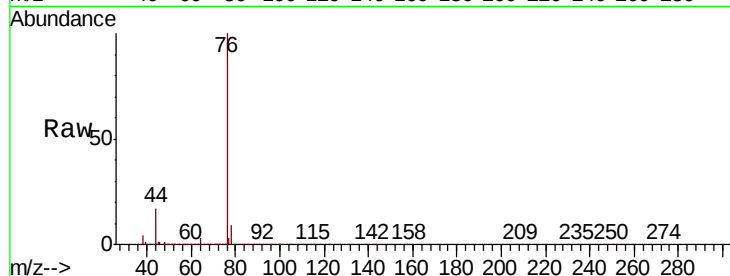
VX1126WBSD01

Tot Ion: 76 Resp: 112494

Ion Ratio Lower Upper

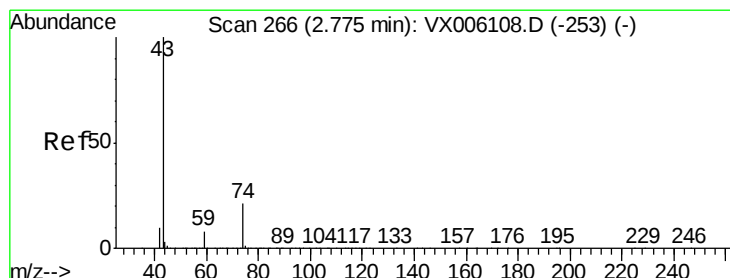
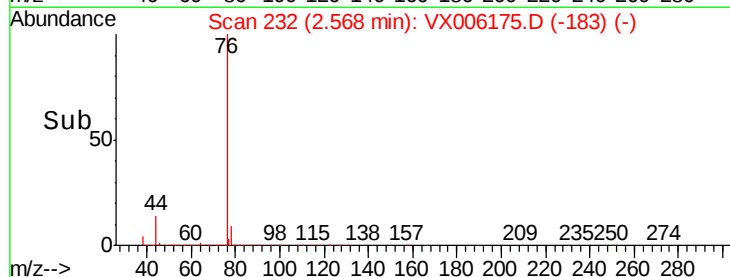
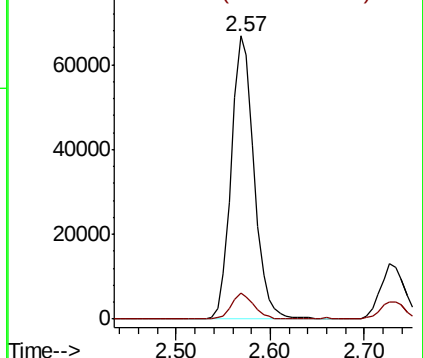
76 100

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

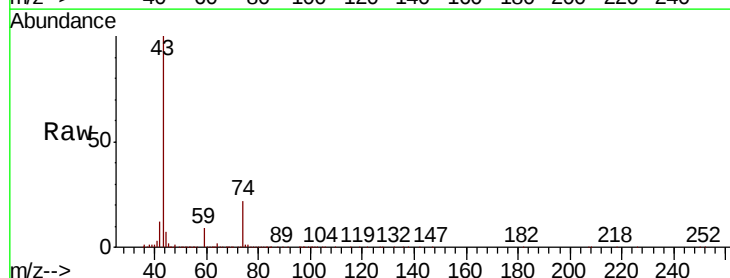
Acq: 26 Nov 2018 15:11

Tgt Ion: 43 Resp: 77515

Ion Ratio Lower Upper

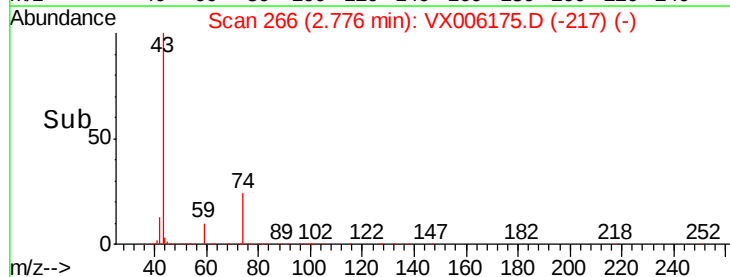
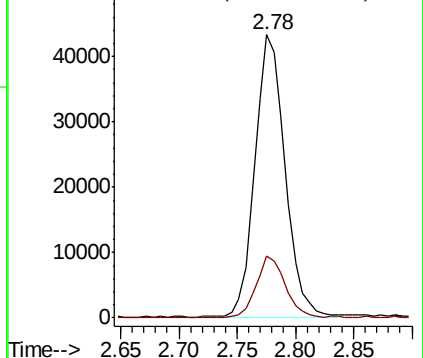
43 100

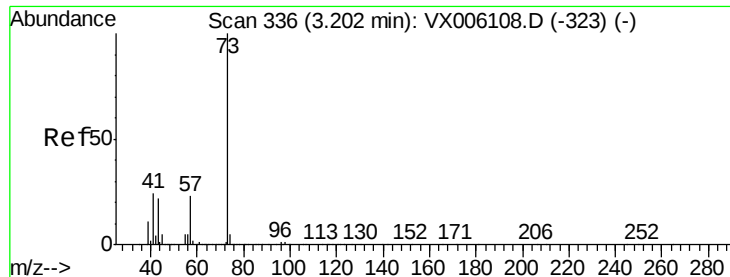
74 21.1 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



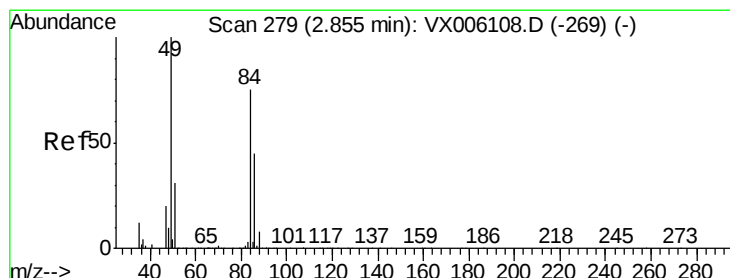
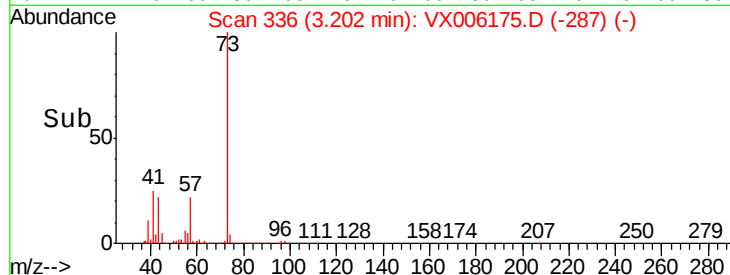
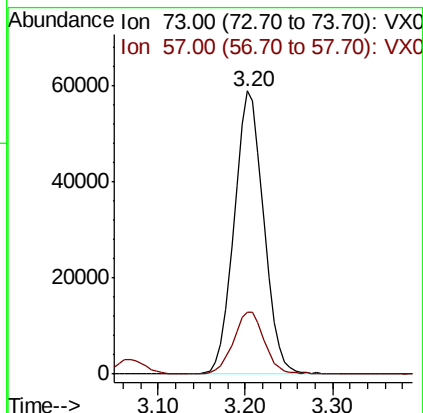
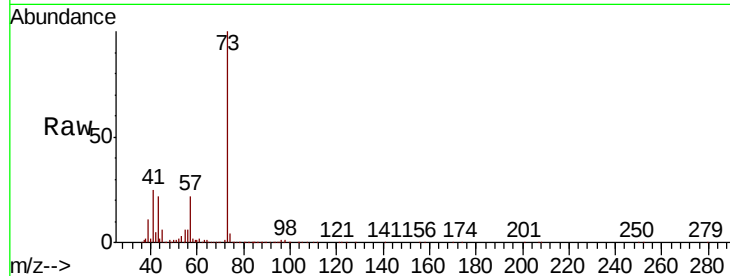


#19

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 :
 VX1126WBSD01

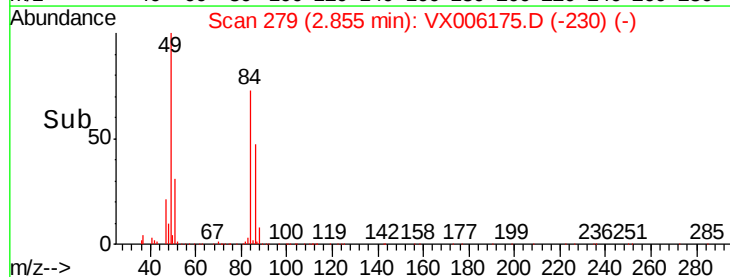
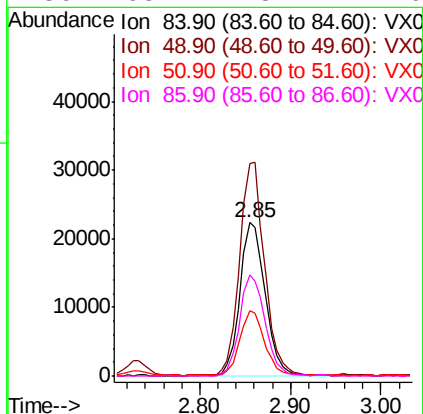
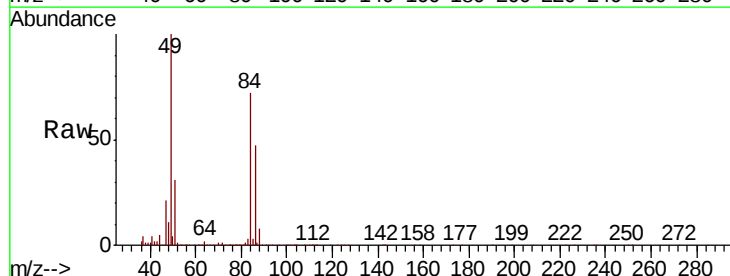
Tot Ion: 73 Resp: 138023
 Ion Ratio Lower Upper
 73 100
 57 21.4 18.2 27.4

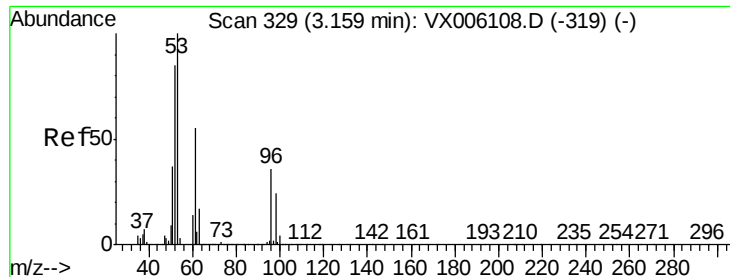


#20

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 :

VX1126WBSD01

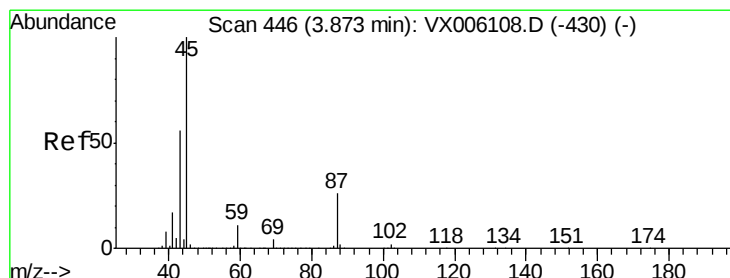
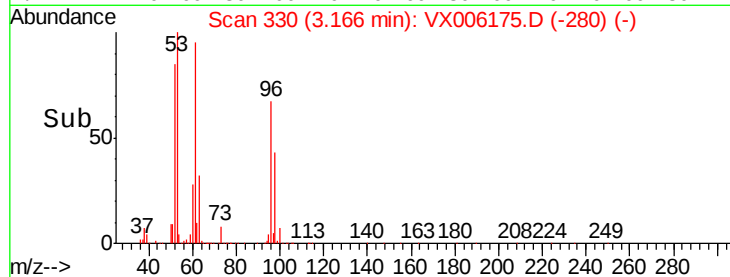
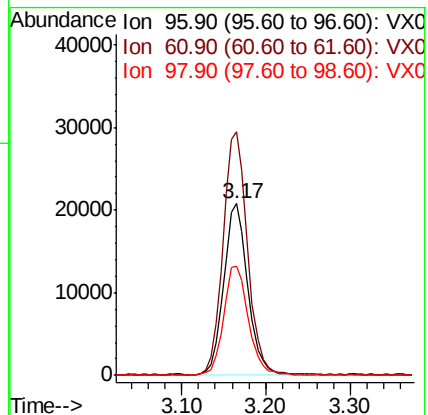
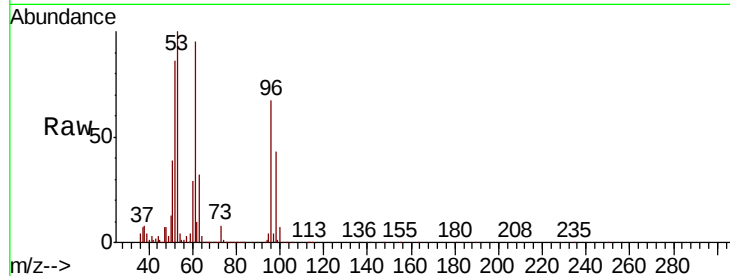
Tot Ion: 96 Resp: 41149

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

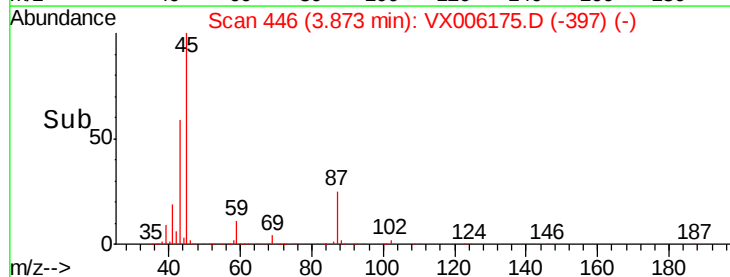
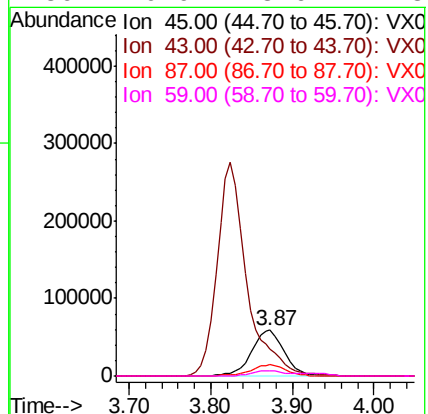
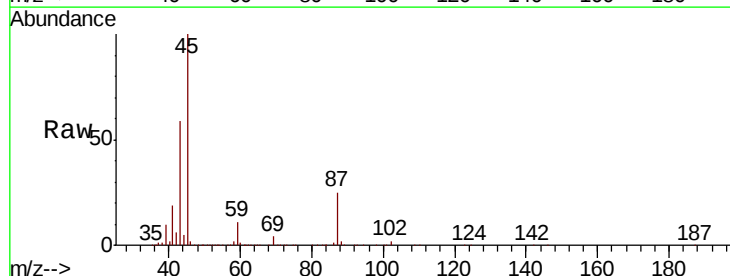
Ion Ratio Lower Upper

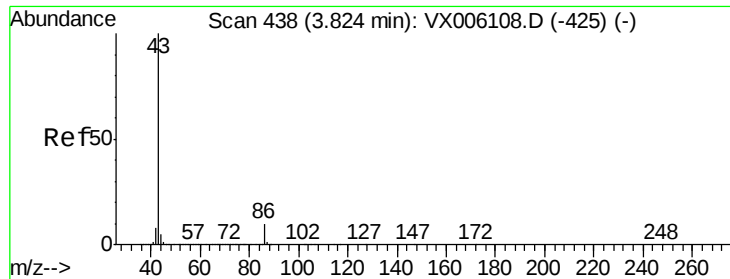
45 100

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

ClientSampleId :

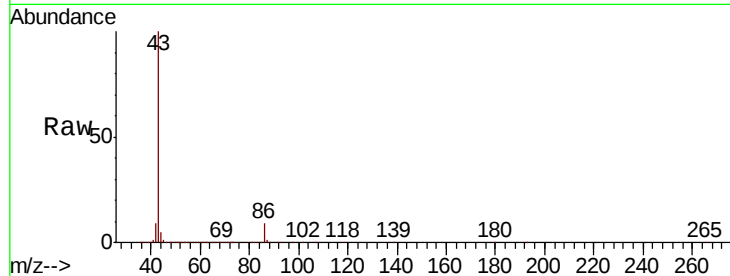
VX1126WBSD01

Tot Ion: 43 Resp: 701272

Ion Ratio Lower Upper

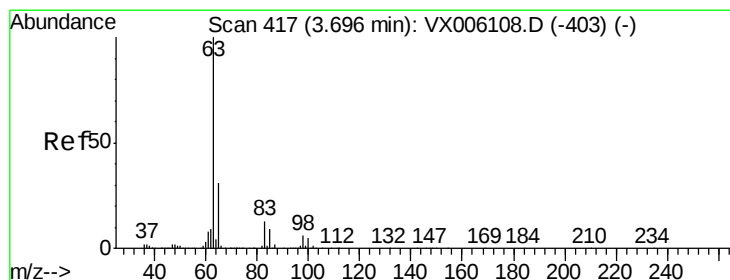
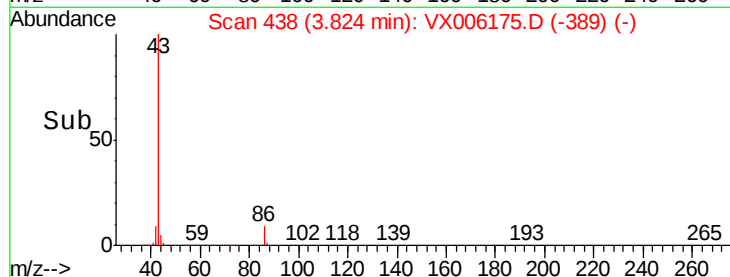
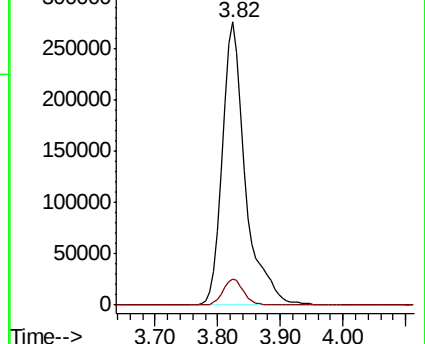
43 100

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



#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

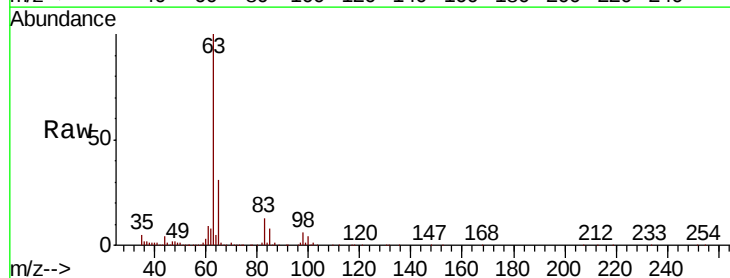
Tgt Ion: 63 Resp: 86042

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

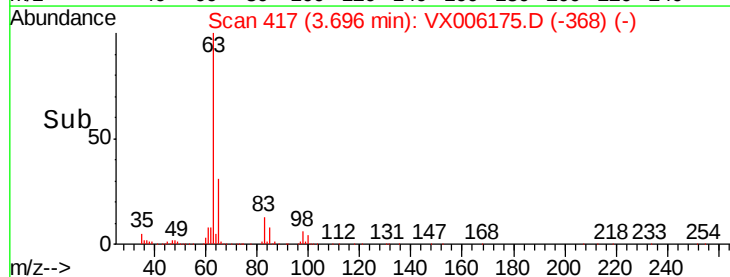
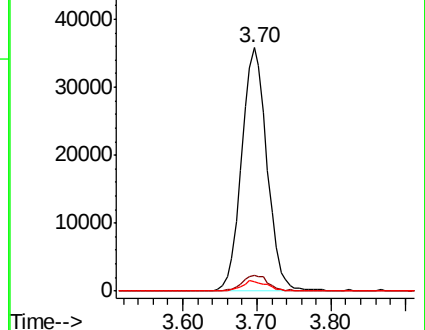
100 4.0 2.4 7.1

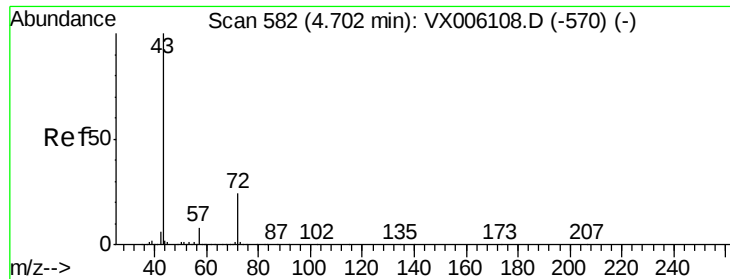


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#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 :

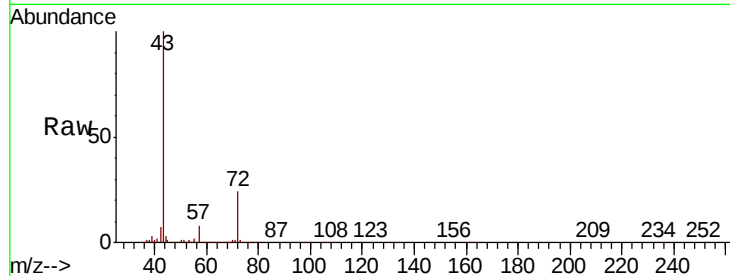
VX1126WBSD01

Tot Ion: 43 Resp: 242816

Ion Ratio Lower Upper

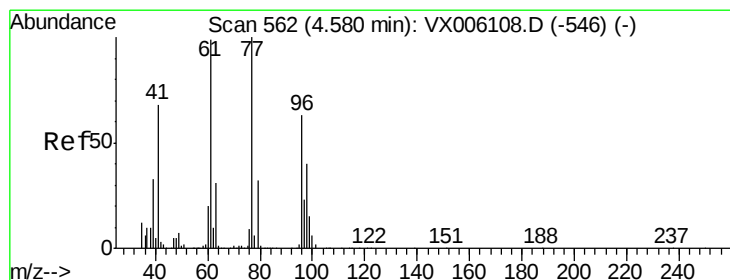
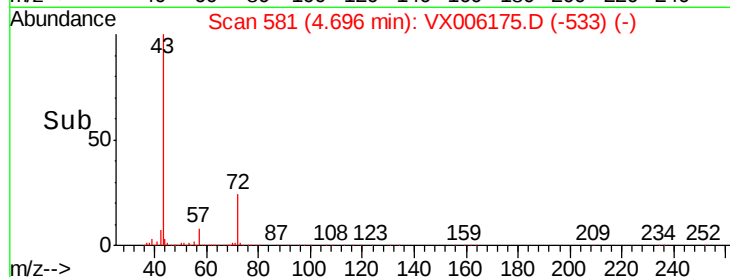
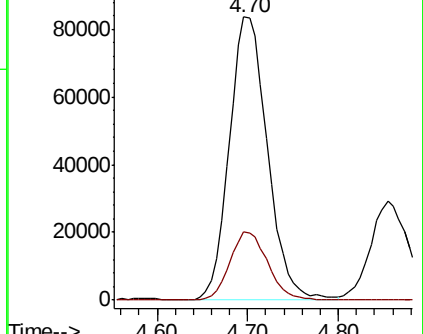
43 100

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

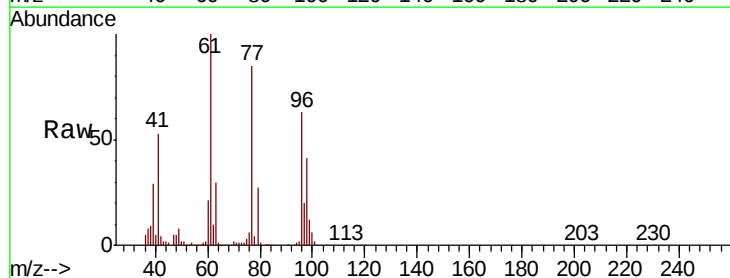
Acq: 26 Nov 2018 15:11

Tgt Ion: 77 Resp: 64556

Ion Ratio Lower Upper

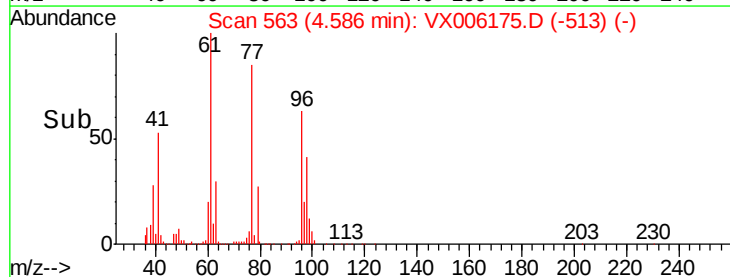
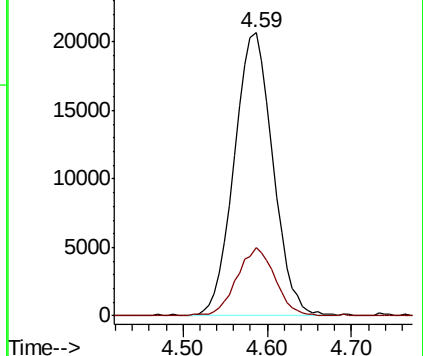
77 100

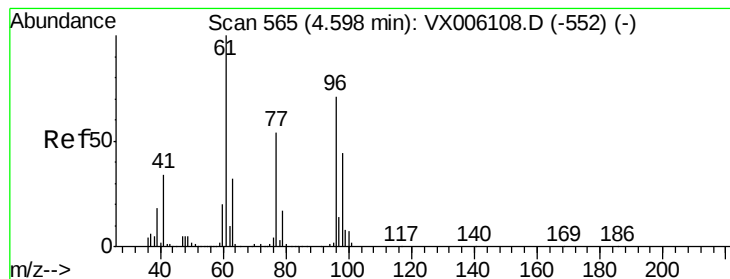
97 23.8 11.9 35.5



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

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



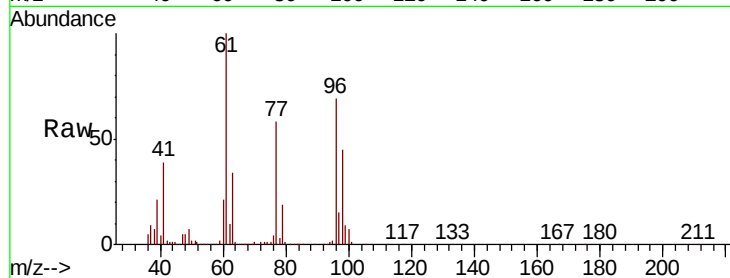


#27

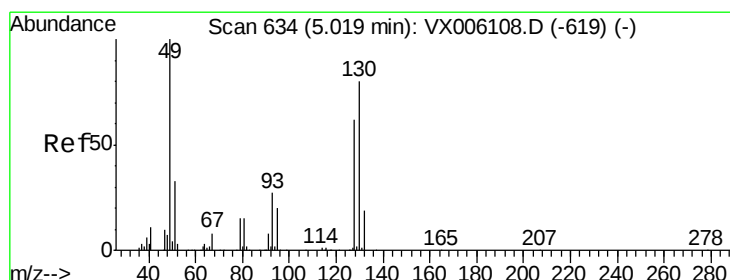
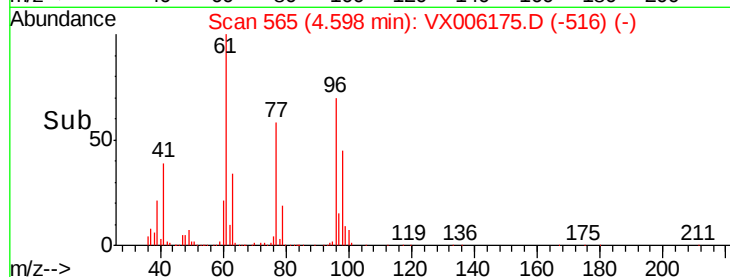
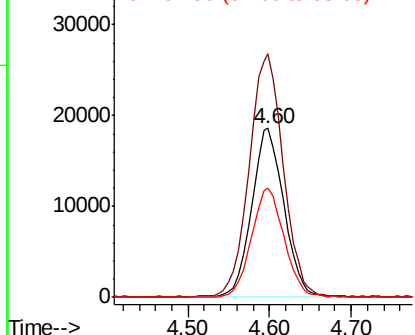
cis-1,2-Dichloroethene
Concen: 21.345 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

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



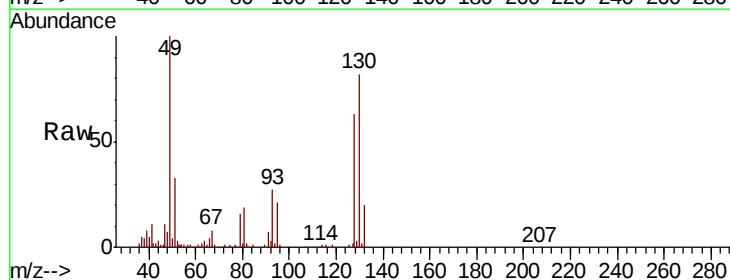
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



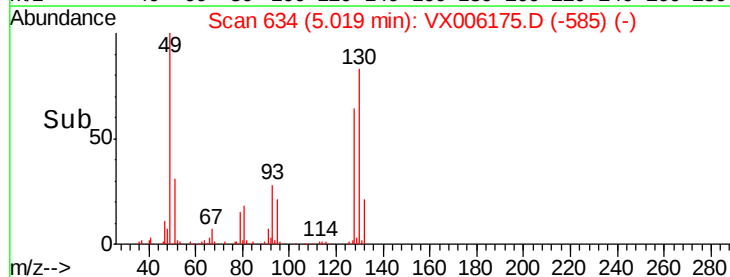
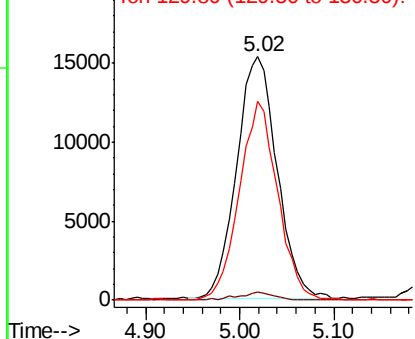
#28

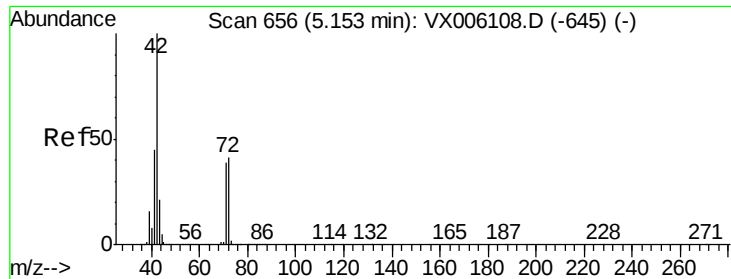
Bromochloromethane
Concen: 23.302 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	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

ClientSampled :

VX1126WBSD01

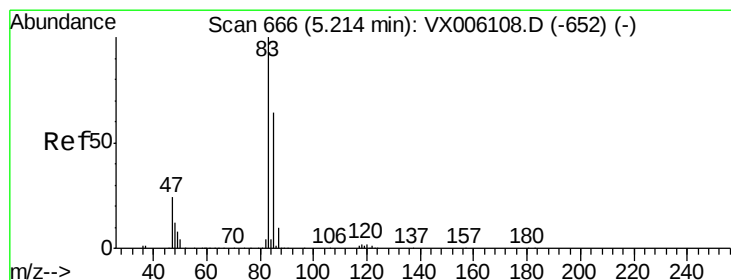
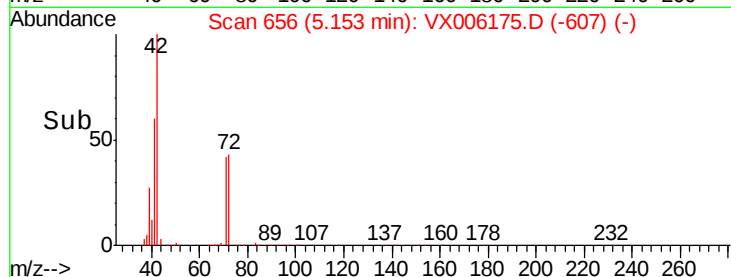
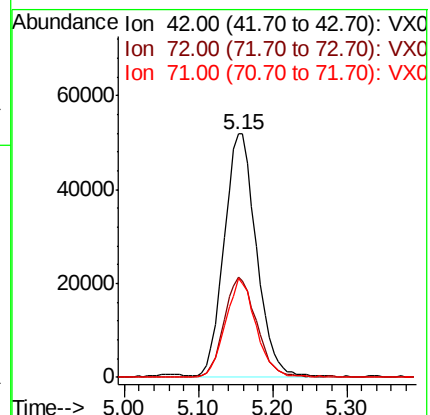
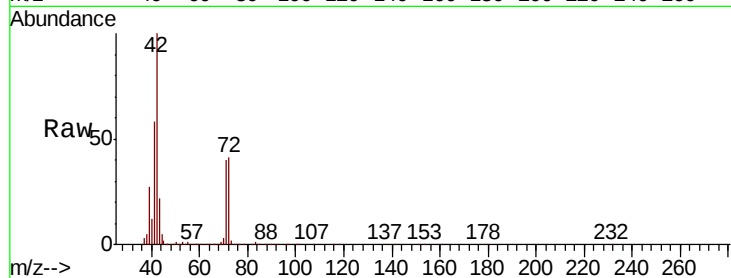
Tot Ion: 42 Resp: 155886

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

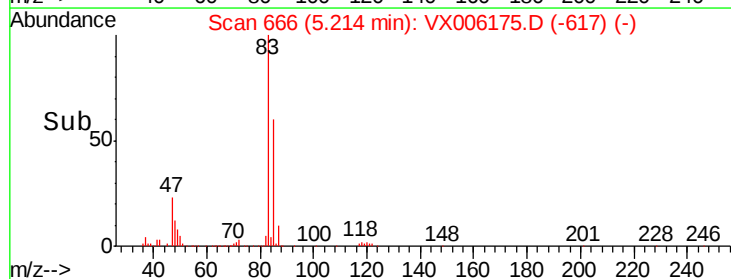
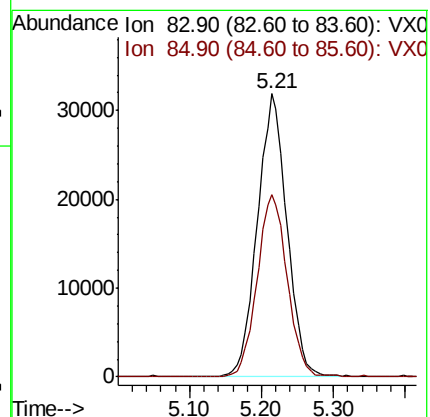
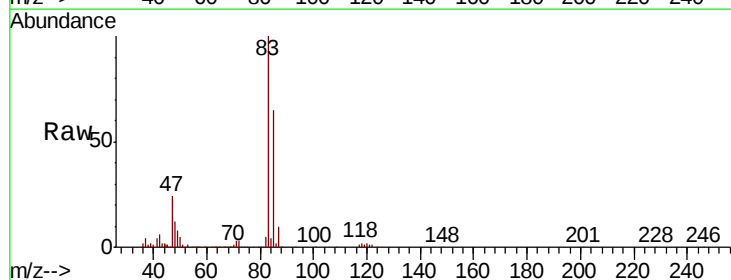
Acq: 26 Nov 2018 15:11

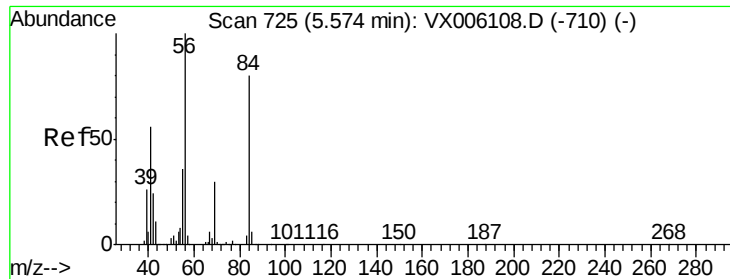
Tgt Ion: 83 Resp: 90916

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.4

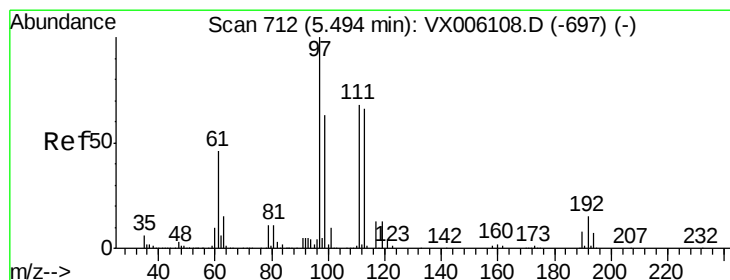
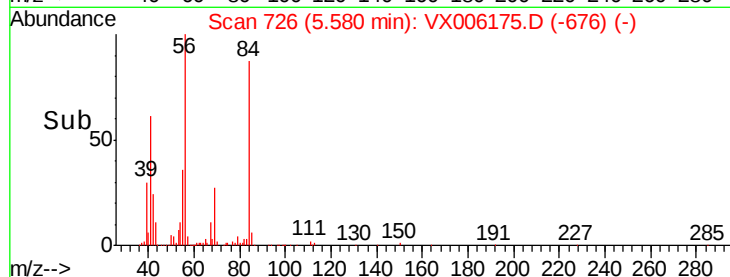
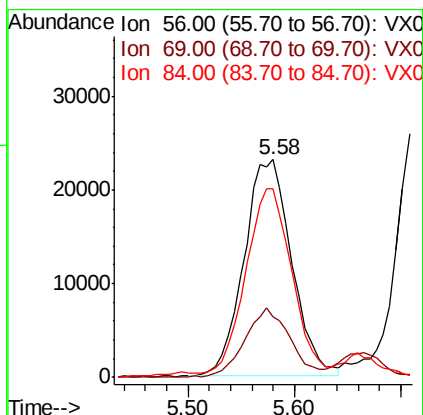
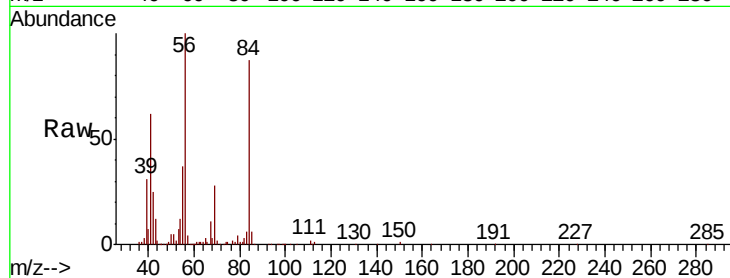




#31
Cyclohexane
Concen: 20.489 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

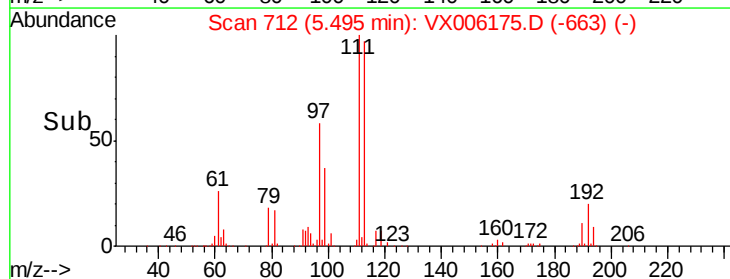
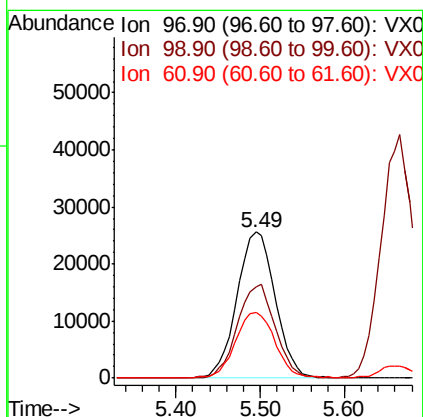
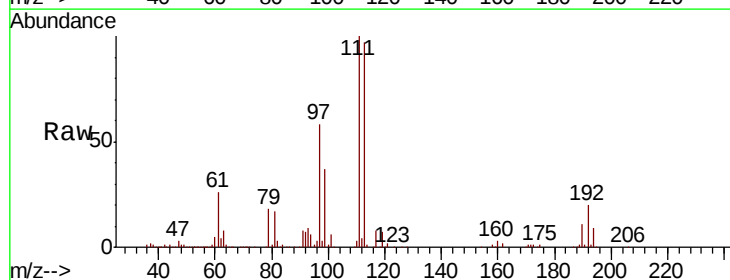
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

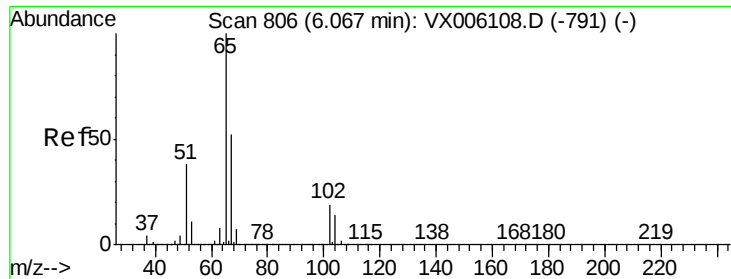
Tot Ion: 56 Resp: 72479
Ion Ratio Lower Upper
56 100
69 27.5 23.9 35.9
84 85.7 63.6 95.4



#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

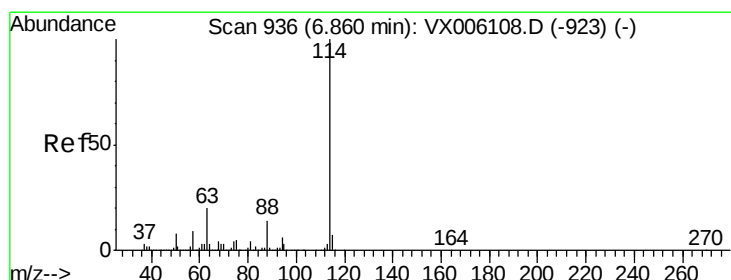
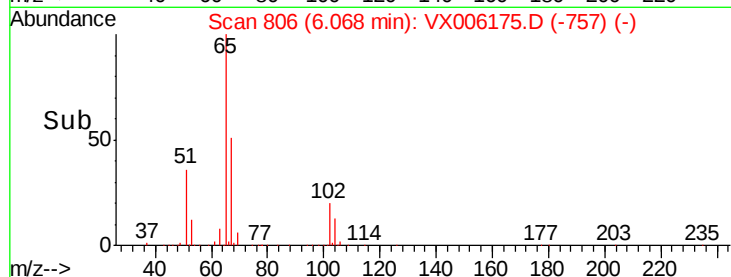
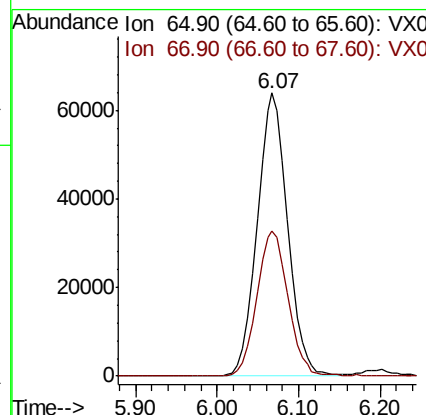
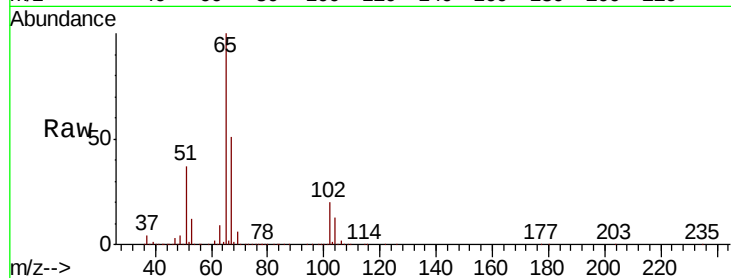




#33
 1,2-Dichloroethane-d4
 Concen: 62.967 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

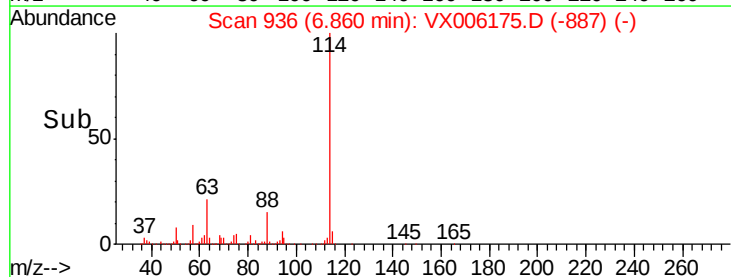
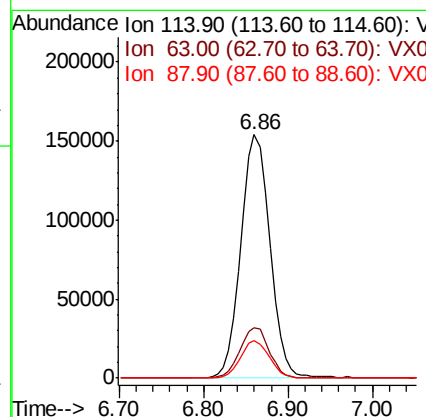
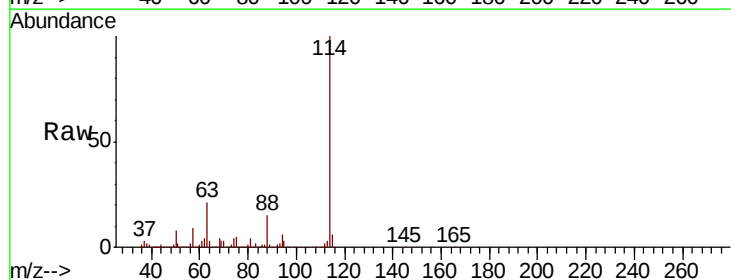
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

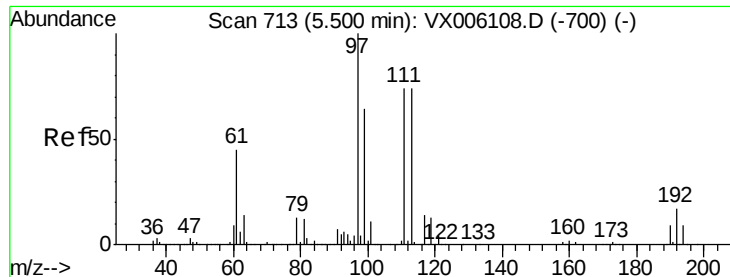
Tot Ion: 65 Resp: 165849
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#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 :

VX1126WBSD01

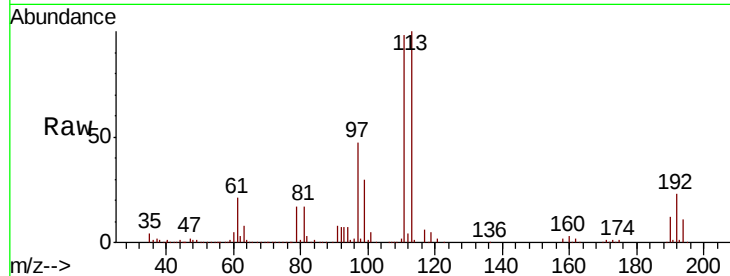
Tot Ion:113 Resp: 131049

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

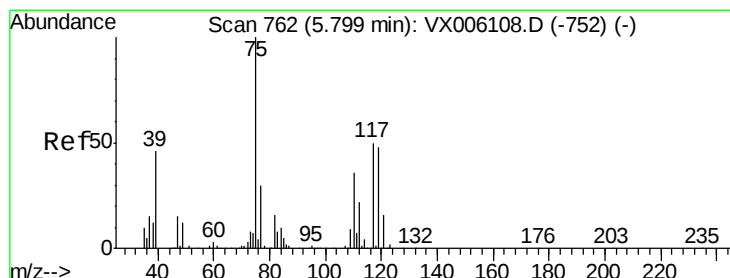
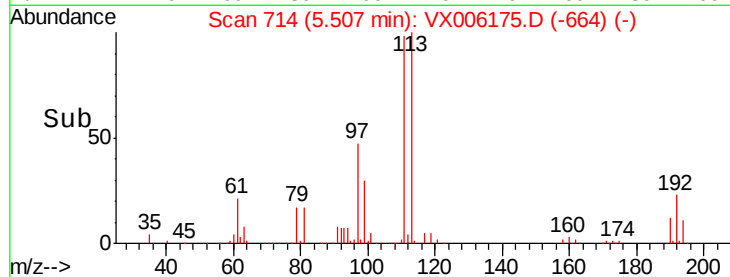
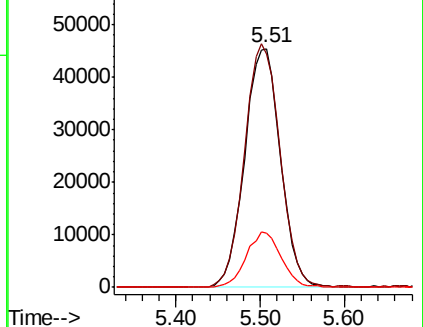
192 22.7 18.6 28.0



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

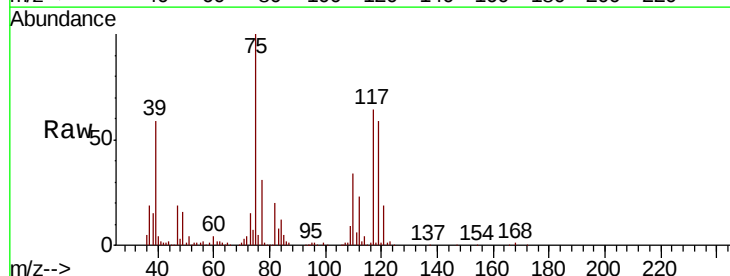
Tgt Ion: 75 Resp: 63491

Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.3

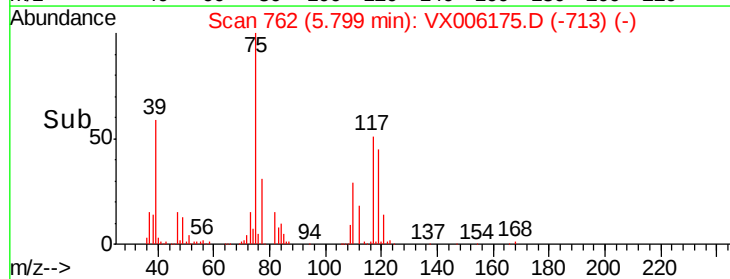
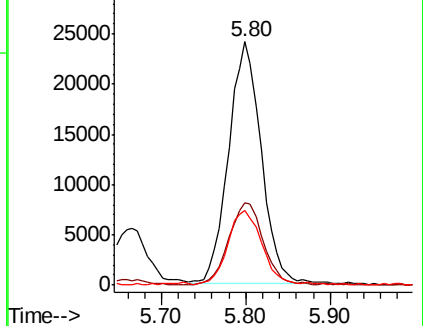
77 31.1 24.5 36.7

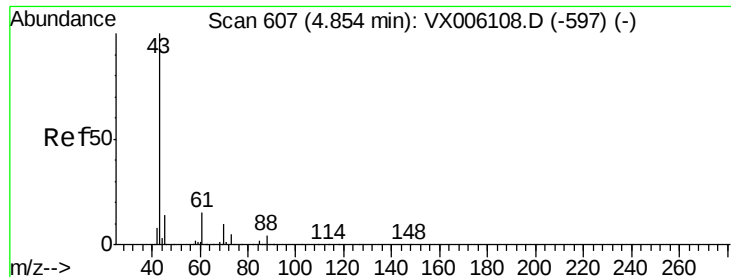


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

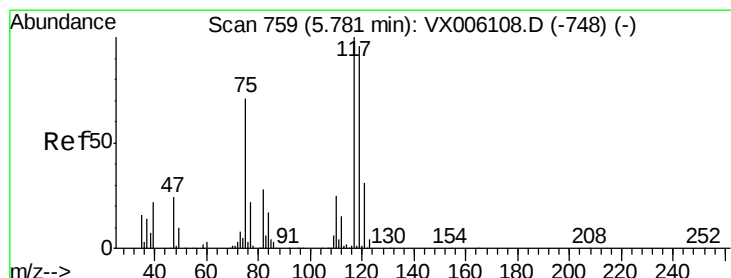
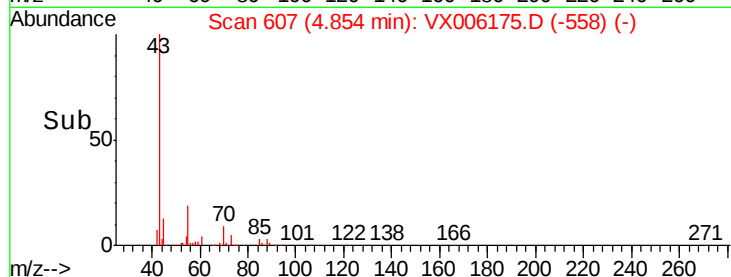
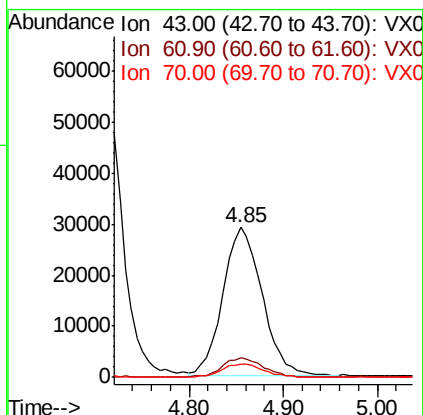
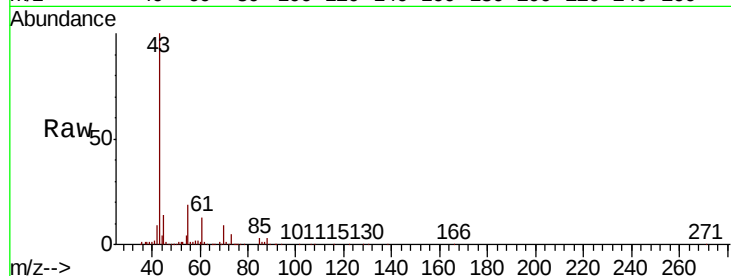




#37
Ethyl Acetate
Concen: 19.988 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

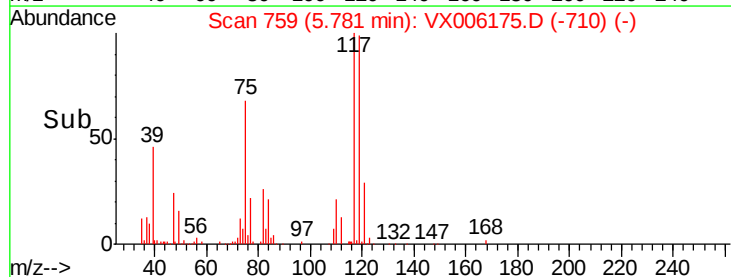
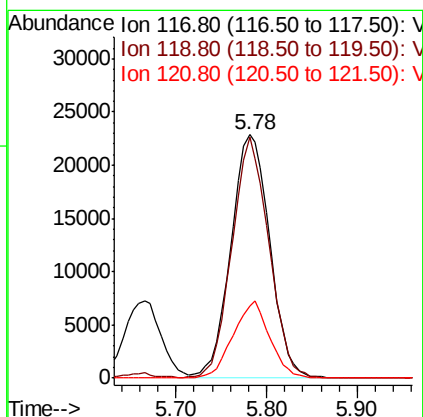
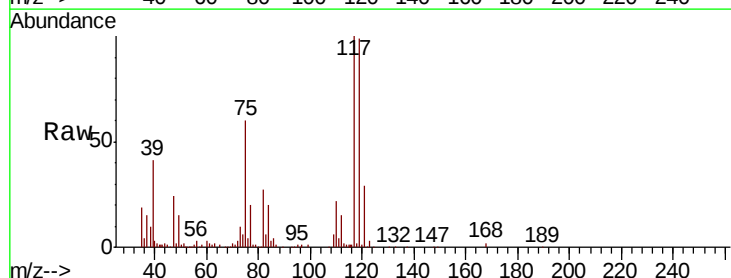
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

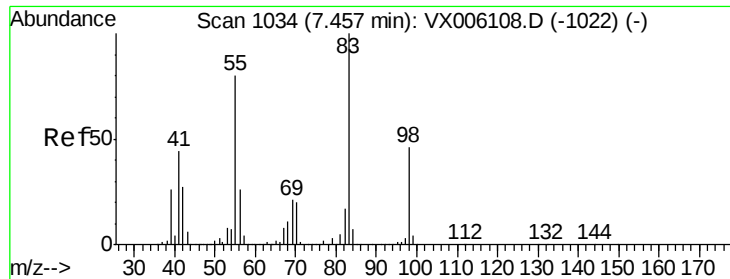
Tot Ion: 43 Resp: 84315
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.9 7.9 11.9



#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

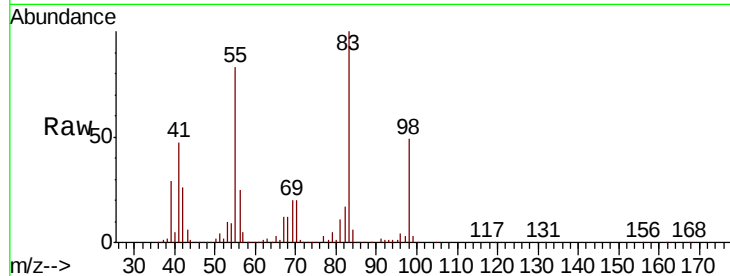




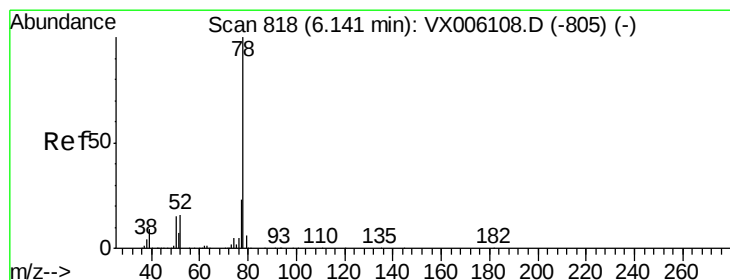
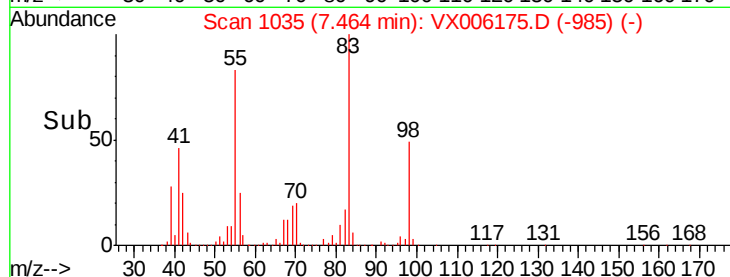
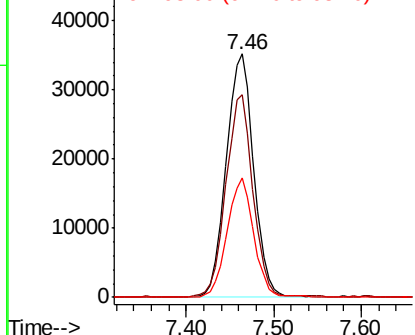
#39
Methvlcvclohexane
Concen: 20.429 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

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

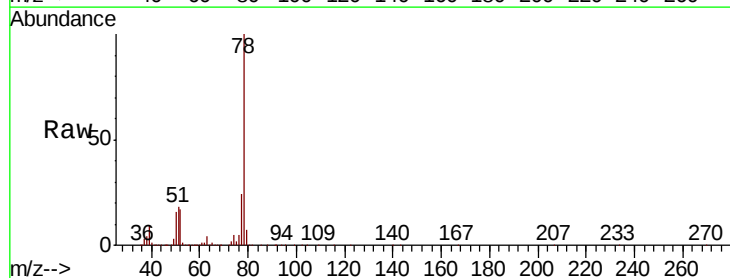


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

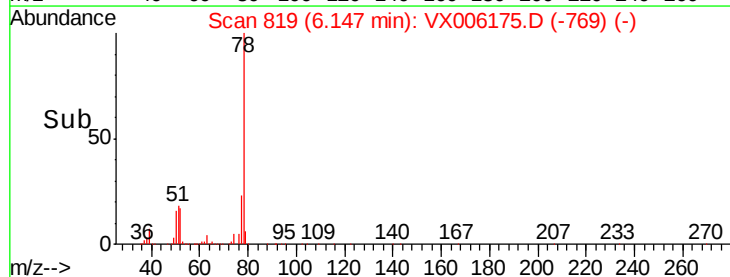
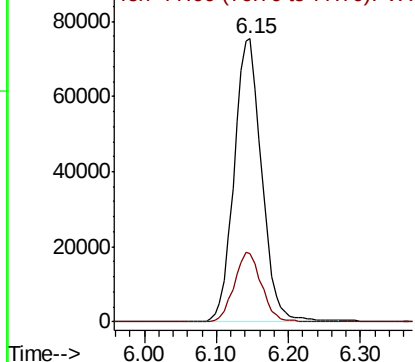


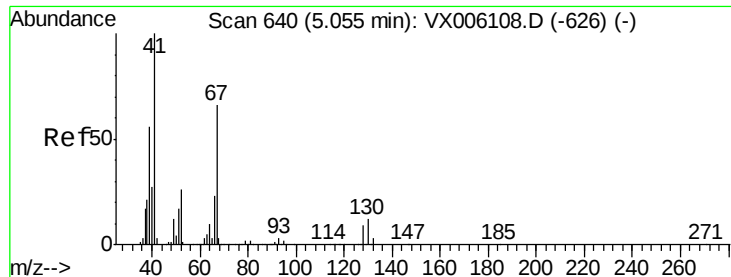
#40
Benzene
Concen: 20.806 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

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

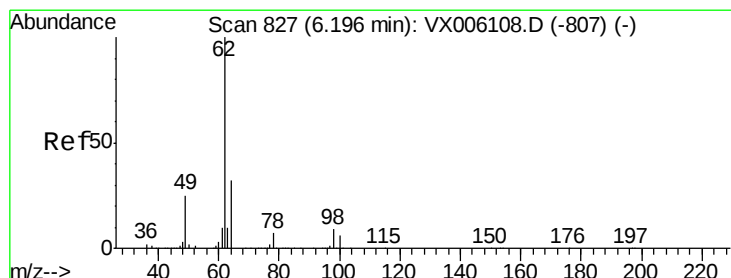
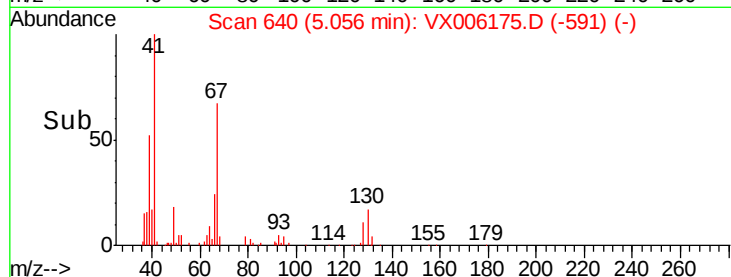
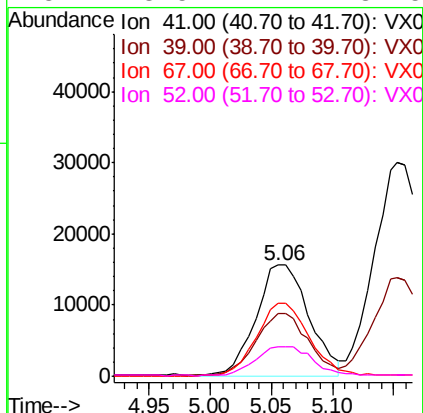
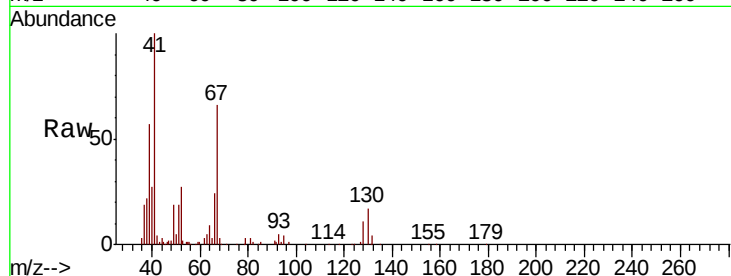




#41
Methacrylonitrile
Concen: 20.172 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

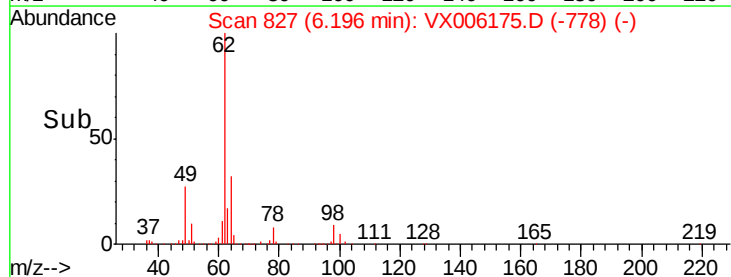
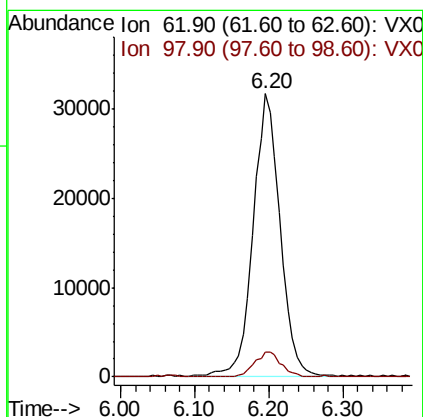
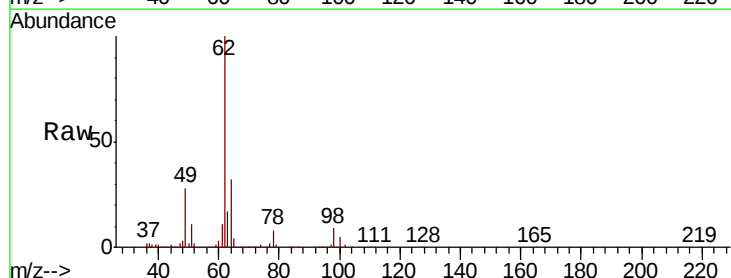
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

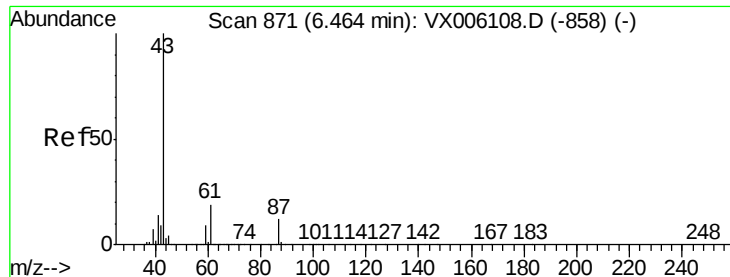
Tot Ion:	41	Resp:	46893
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.1	66.1
67	67.2	54.1	81.1
52	28.5	21.7	32.5



#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



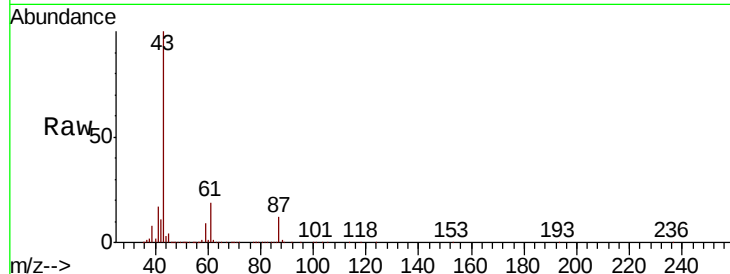


#43

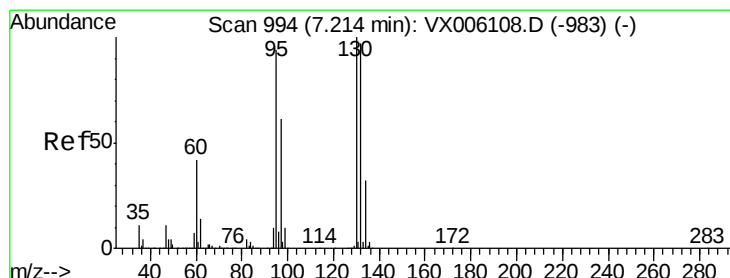
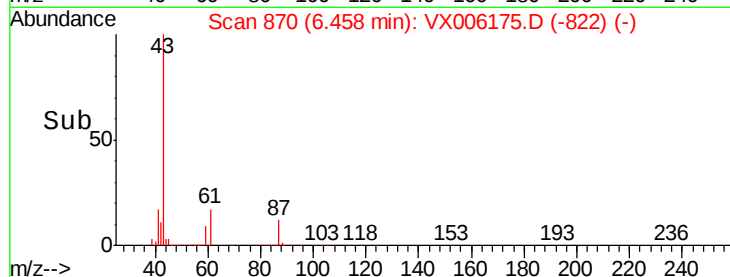
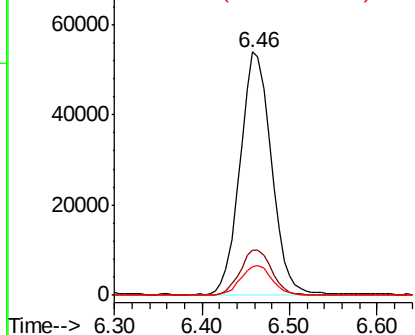
Isopropyl Acetate
 Concen: 22.026 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX1126WBSD01

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



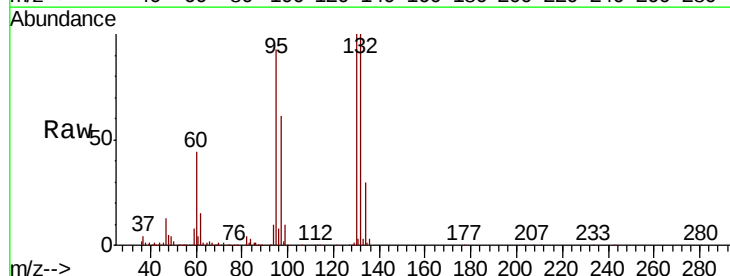
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



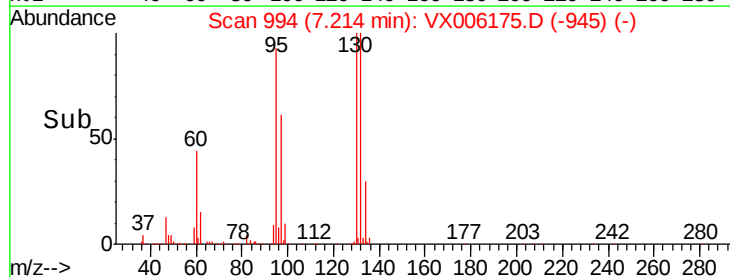
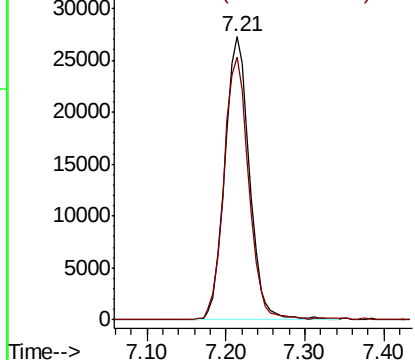
#44

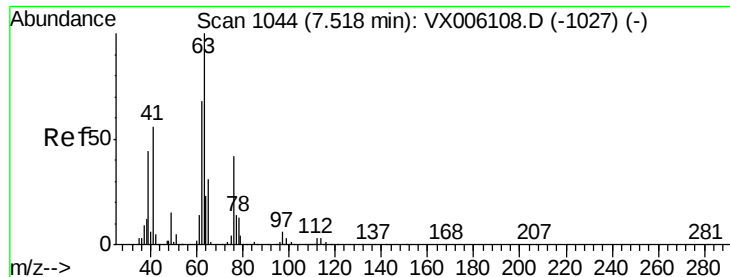
Trichloroethene
 Concen: 22.149 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

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 :

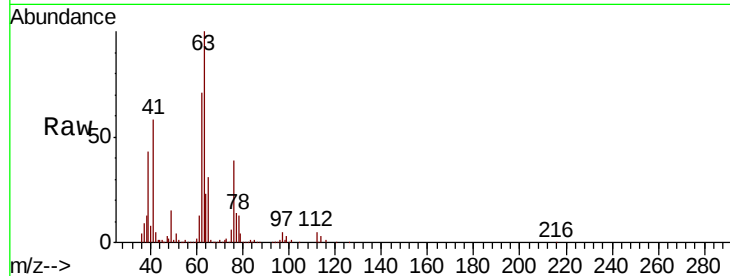
VX1126WBSD01

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

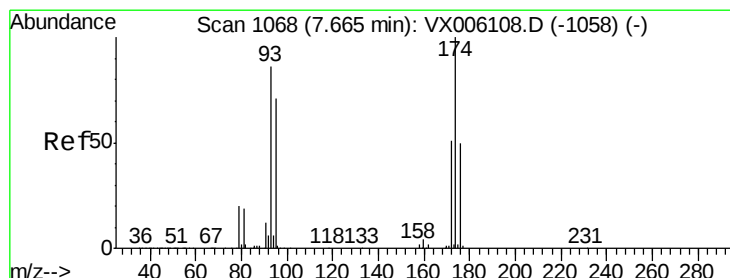
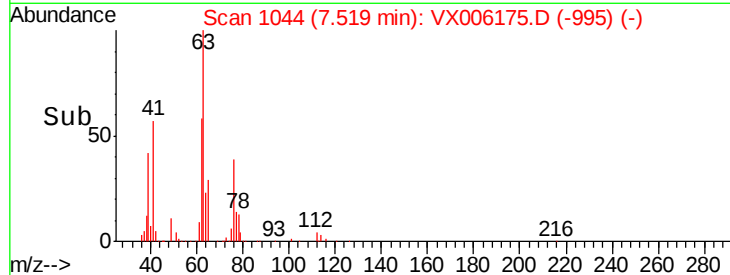
10000

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

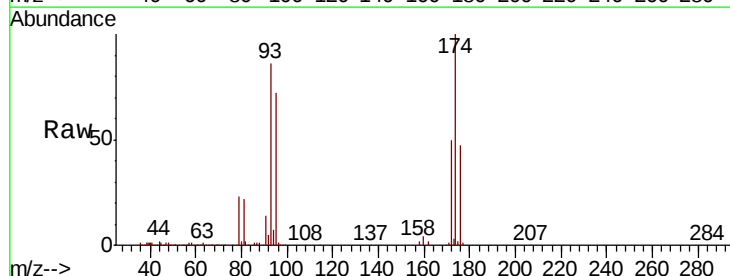
Tgt Ion: 93 Resp: 39411

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

30000

25000

20000

15000

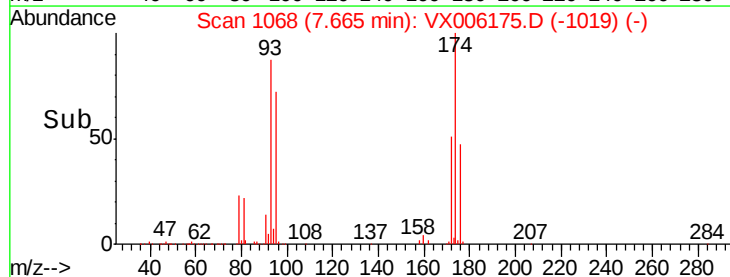
10000

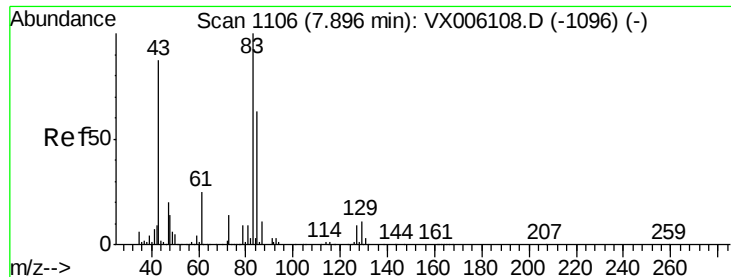
5000

0

Time-->

7.60 7.70 7.80

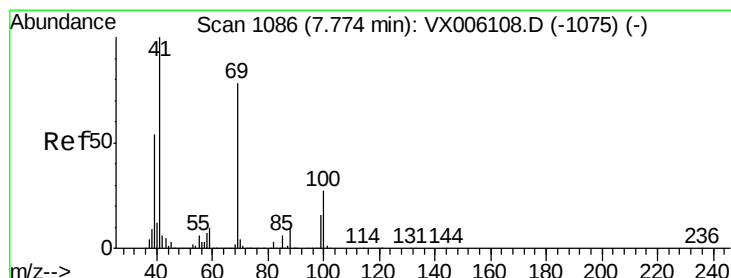
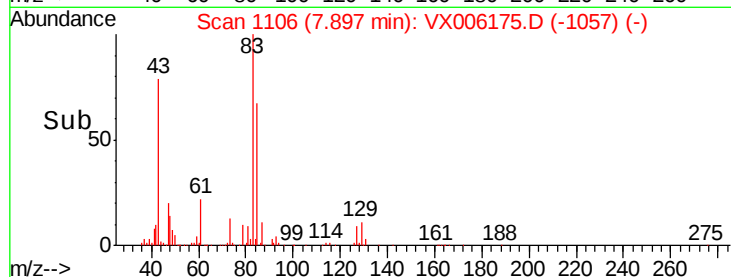
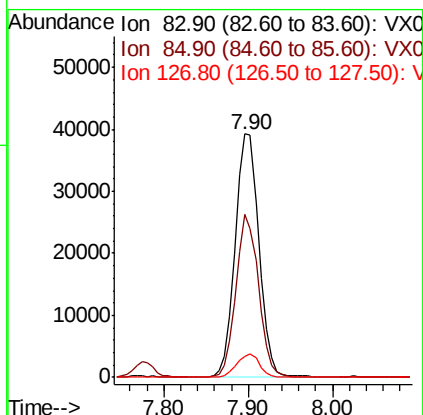
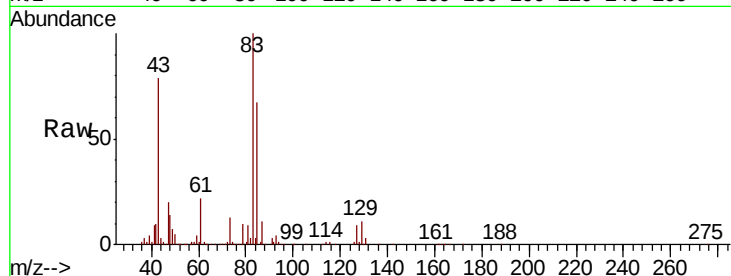




#47
 Bromodichloromethane
 Concen: 23.031 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

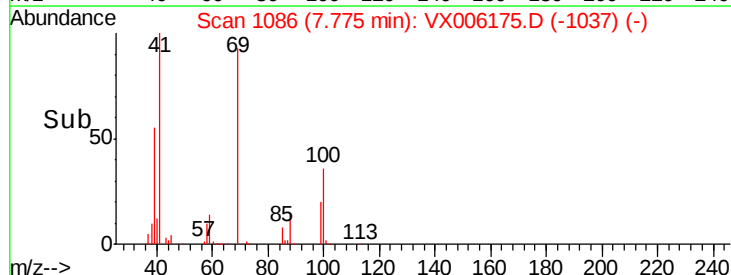
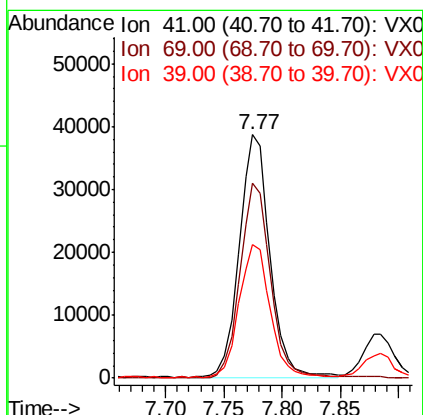
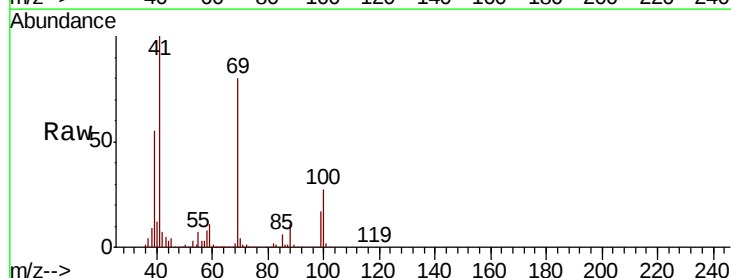
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

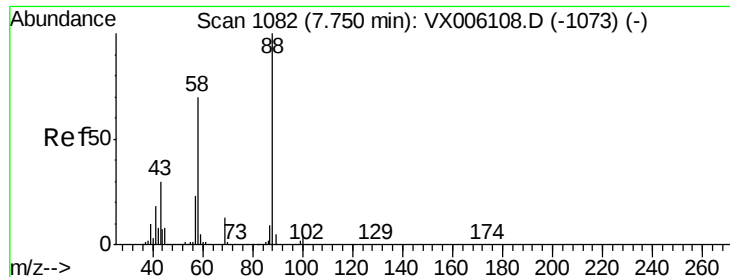
Tot Ion: 83 Resp: 74575
 Ion Ratio Lower Upper
 83 100
 85 67.0 50.4 75.6
 127 8.6 7.0 10.4



#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

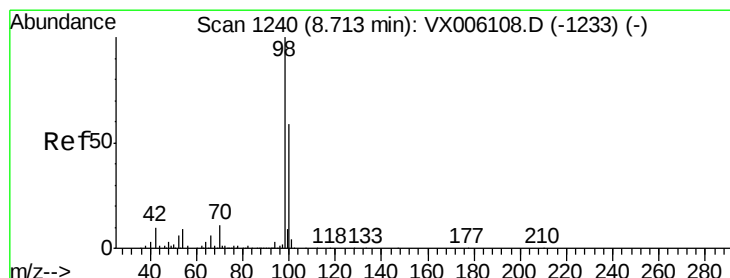
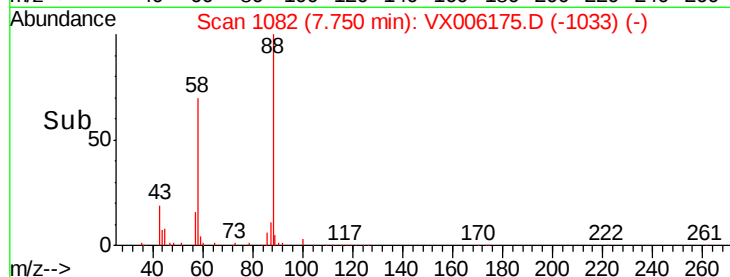
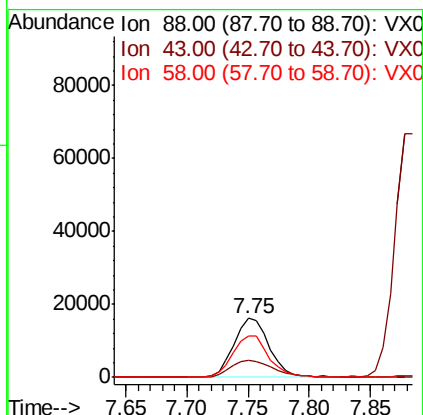
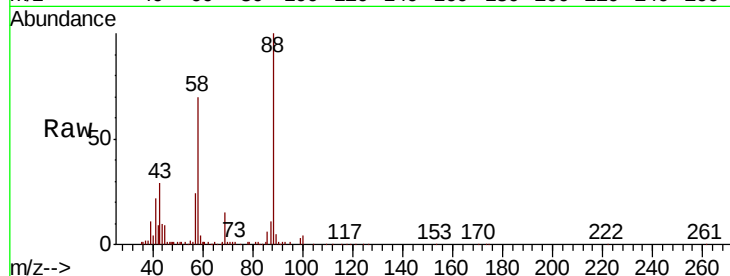




#49
 1,4-Dioxane
 Concen: 439.179 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

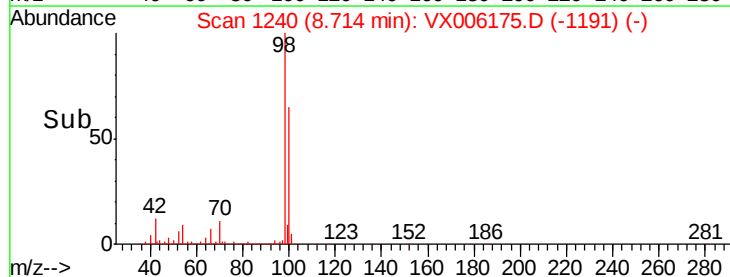
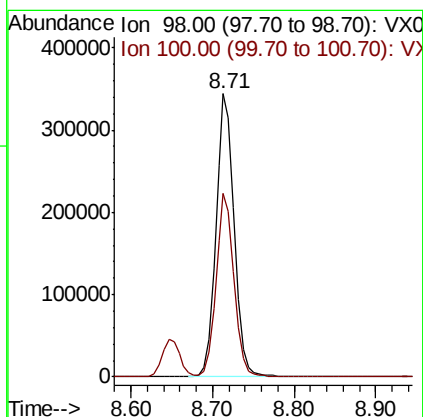
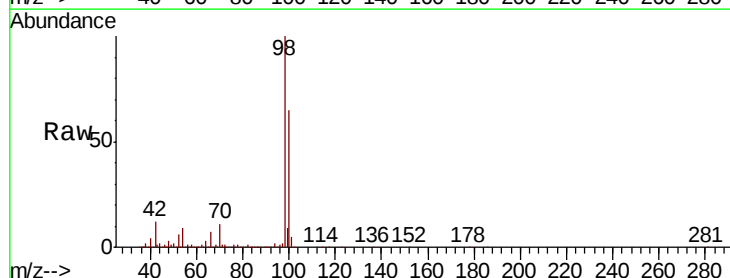
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

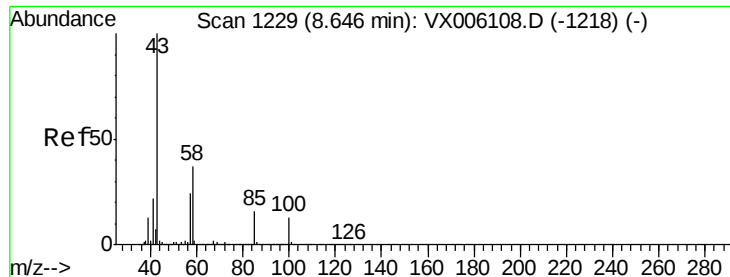
Tot Ion: 88 Resp: 32192
 Ion Ratio Lower Upper
 88 100
 43 33.4 26.7 40.1
 58 72.9 58.5 87.7



#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





#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 :

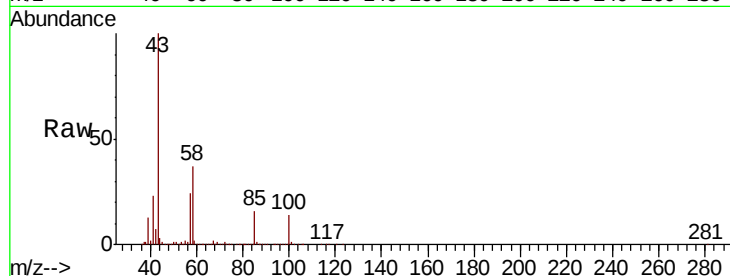
VX1126WBSD01

Tot Ion: 43 Resp: 502368

Ion Ratio Lower Upper

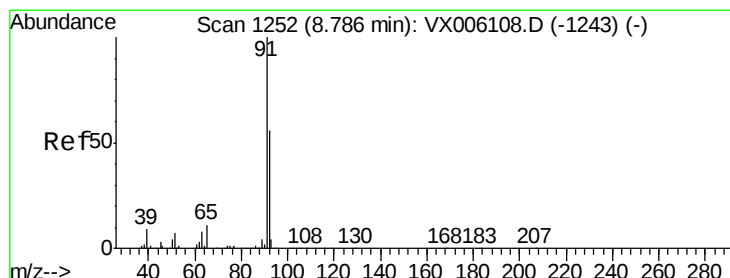
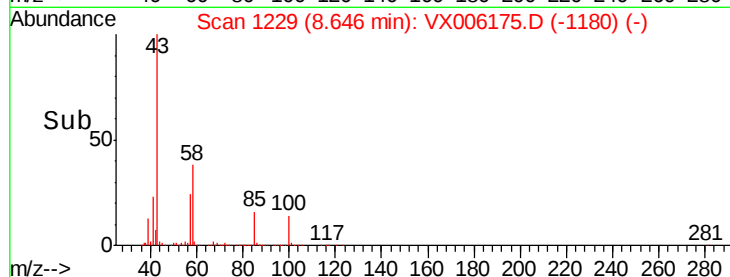
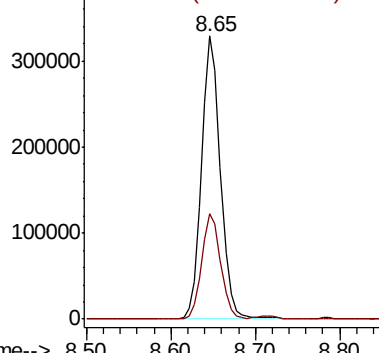
43 100

58 37.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 23.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006175.D

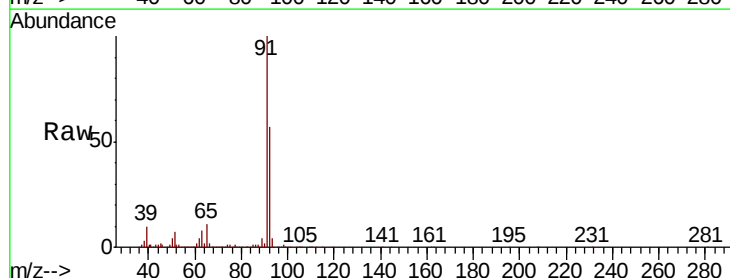
Acq: 26 Nov 2018 15:11

Tgt Ion: 92 Resp: 139002

Ion Ratio Lower Upper

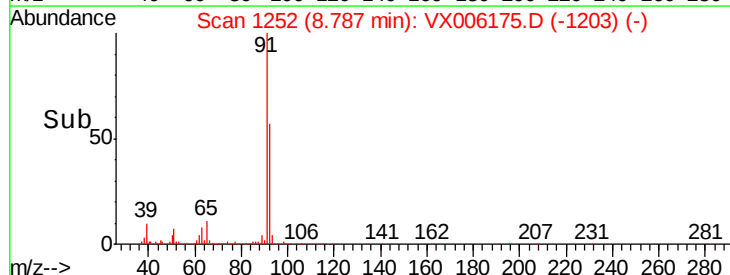
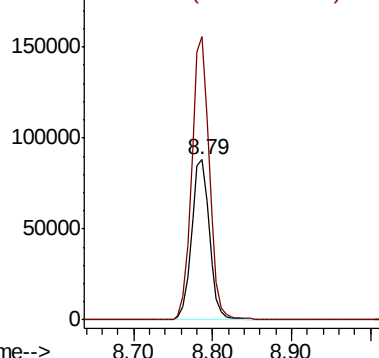
92 100

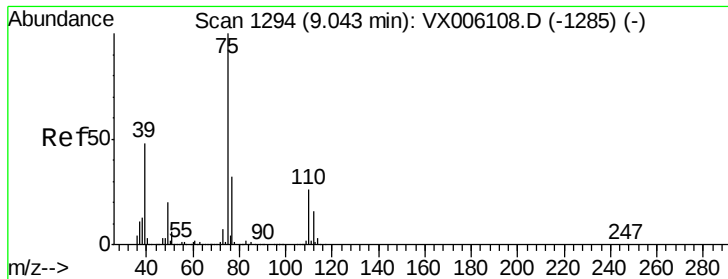
91 173.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 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 :

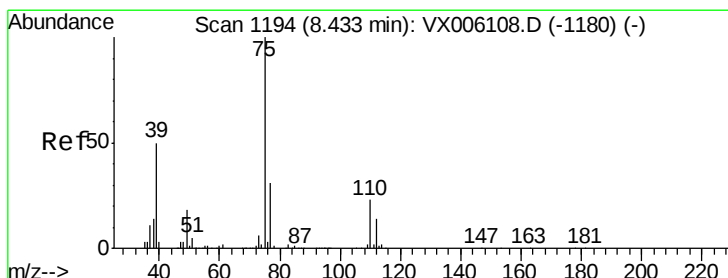
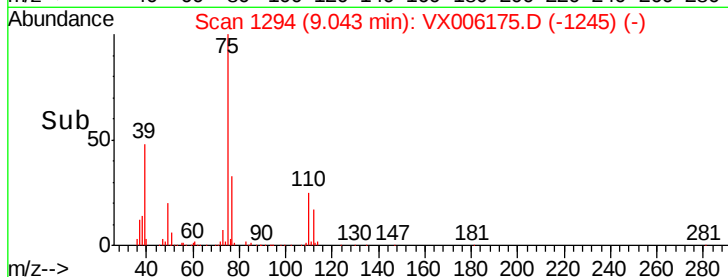
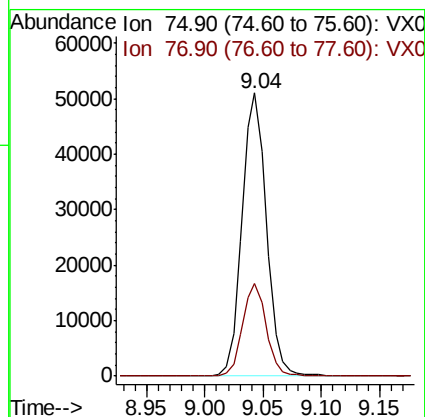
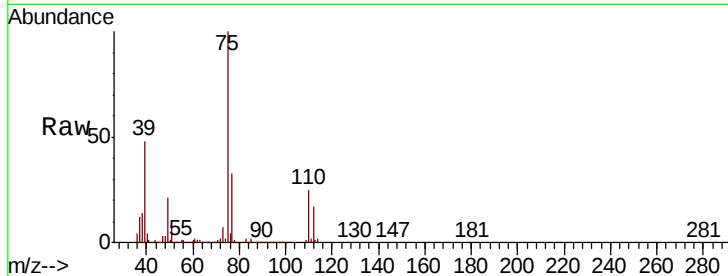
VX1126WBSD01

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

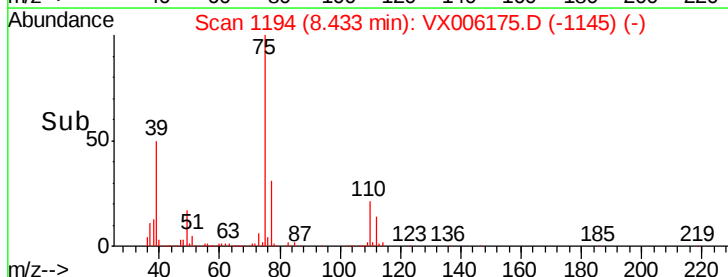
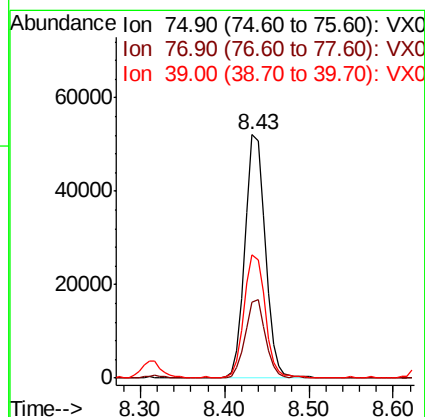
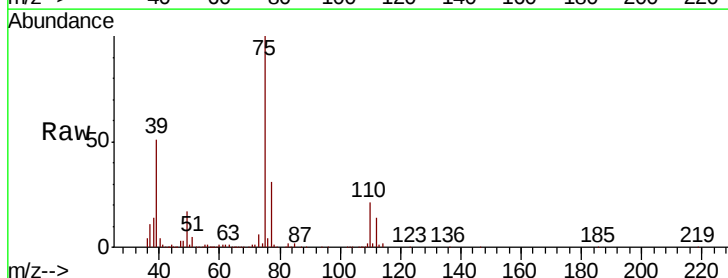
Tgt Ion: 75 Resp: 84218

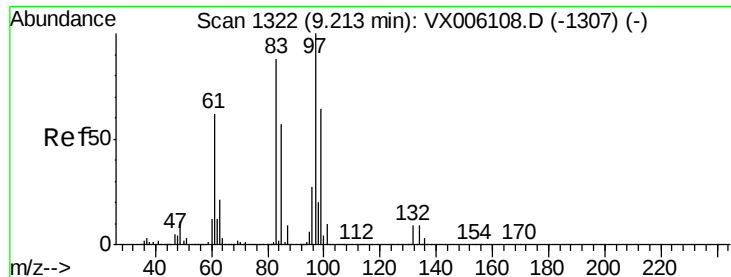
Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 50.4 40.3 60.5

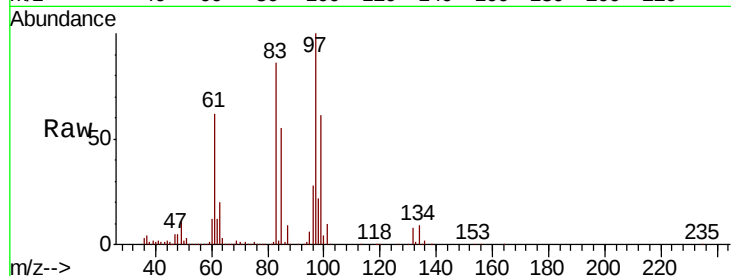




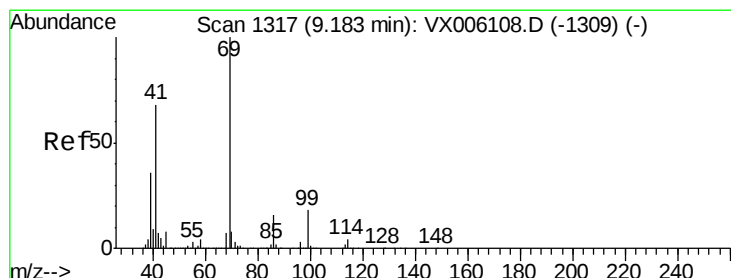
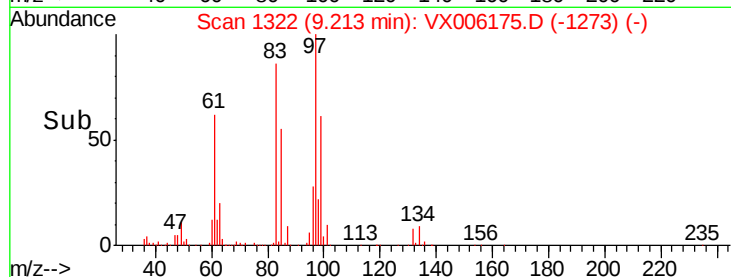
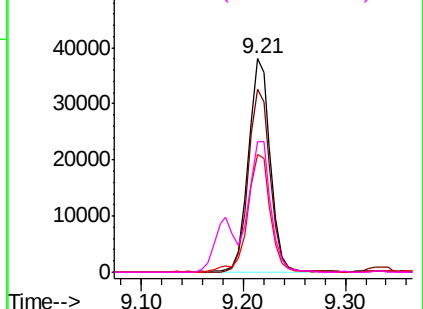
#55
 1,1,2-Trichloroethane
 Concen: 22.142 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

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

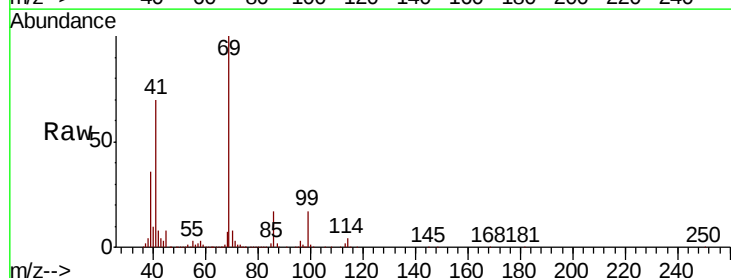


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

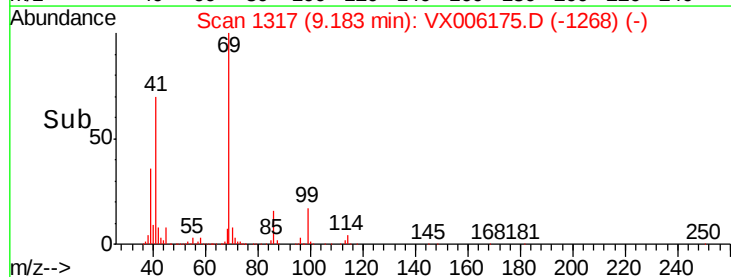
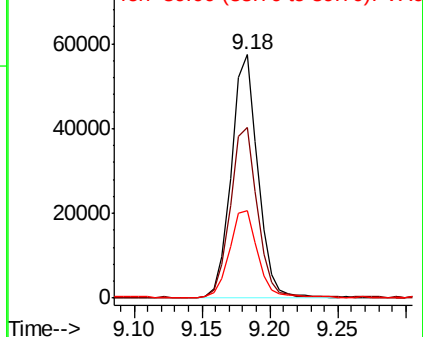


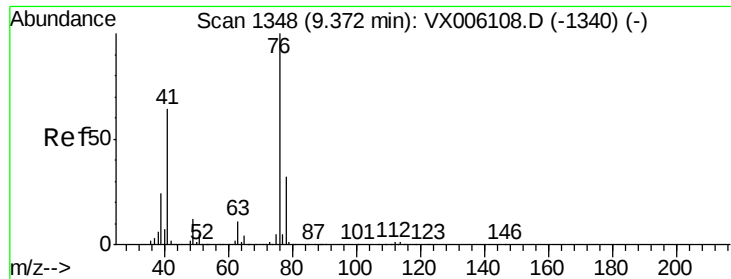
#56
 Ethyl methacrylate
 Concen: 21.150 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

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



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 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 :

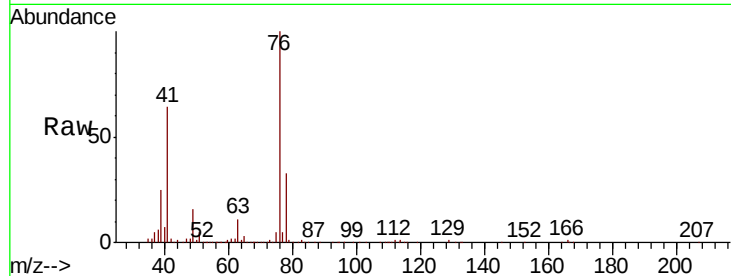
VX1126WBSD01

Tot Ion: 76 Resp: 95107

Ion Ratio Lower Upper

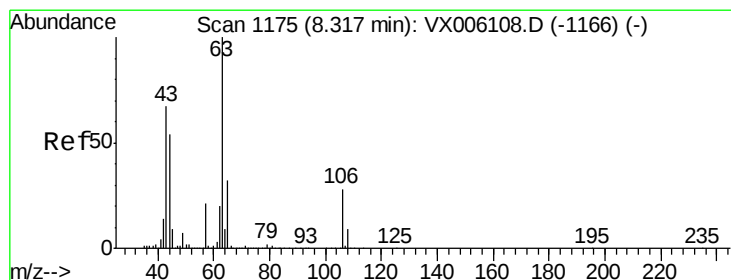
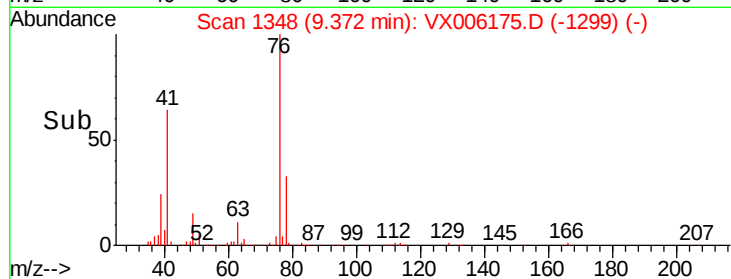
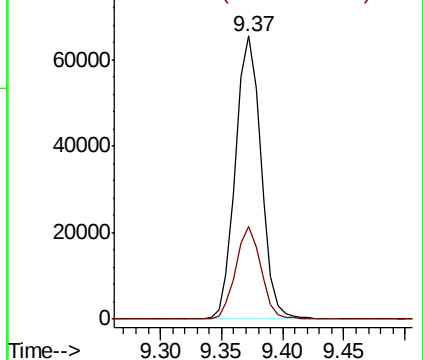
76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 109.131 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006175.D

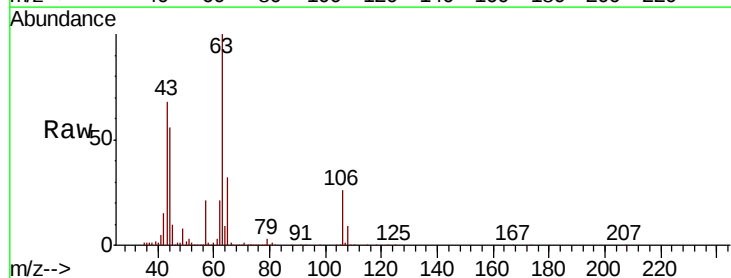
Acq: 26 Nov 2018 15:11

Tgt Ion: 63 Resp: 236671

Ion Ratio Lower Upper

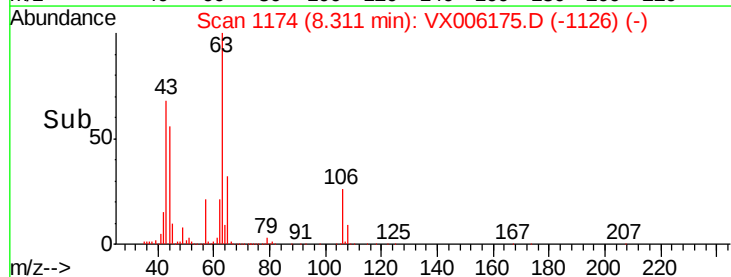
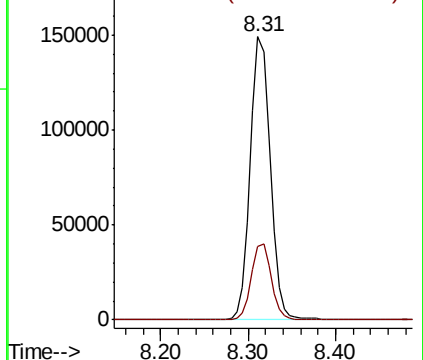
63 100

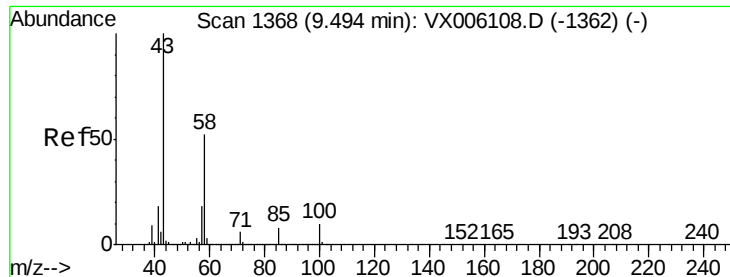
106 26.8 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

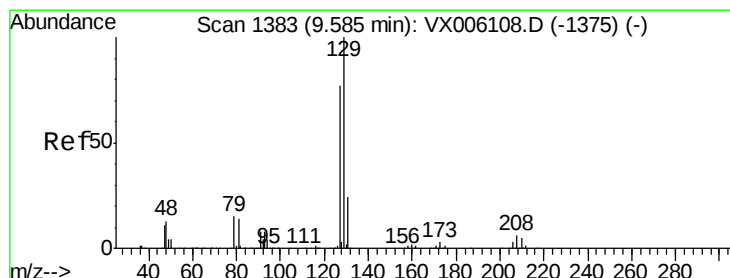
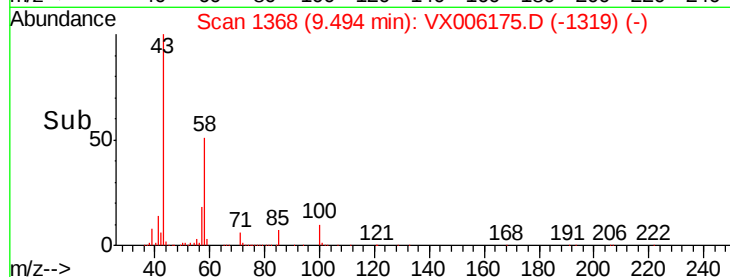
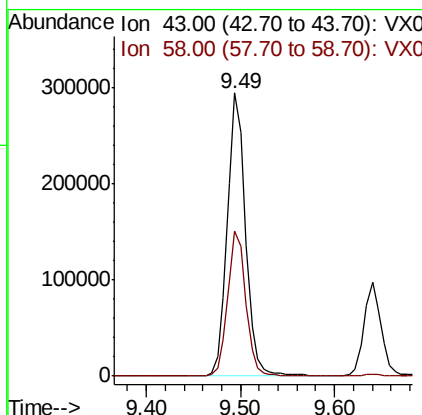
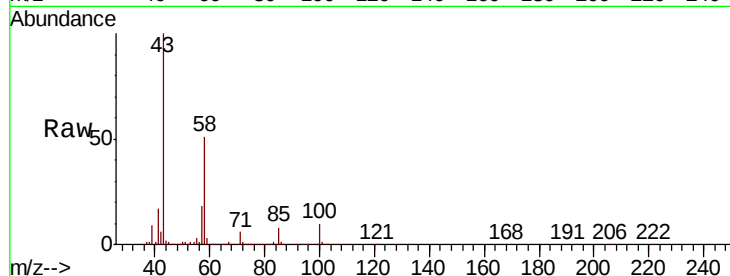




#59
2-Hexanone
Concen: 114.317 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

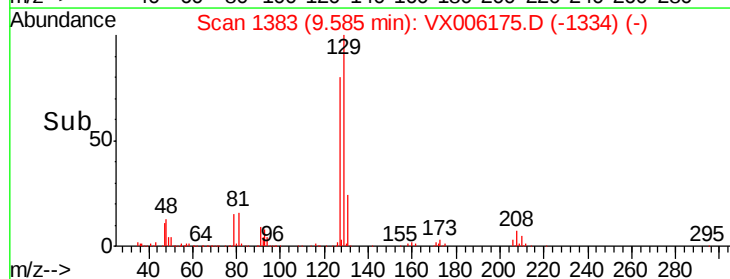
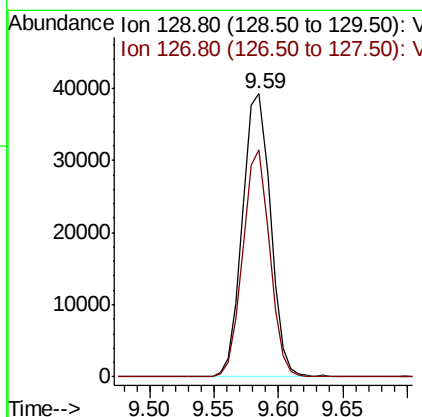
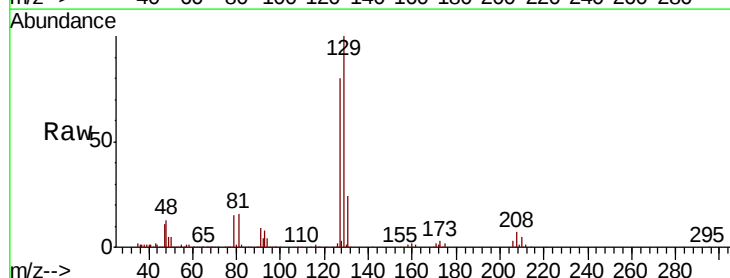
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

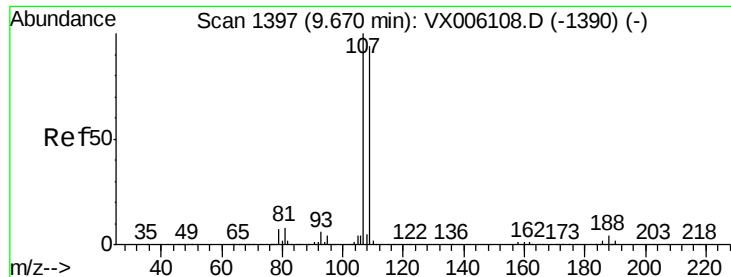
Tot Ion: 43 Resp: 396217
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9



#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 :

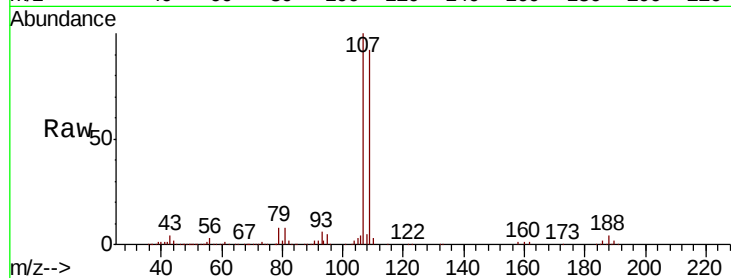
VX1126WBSD01

Tot Ion:107 Resp: 60423

Ion Ratio Lower Upper

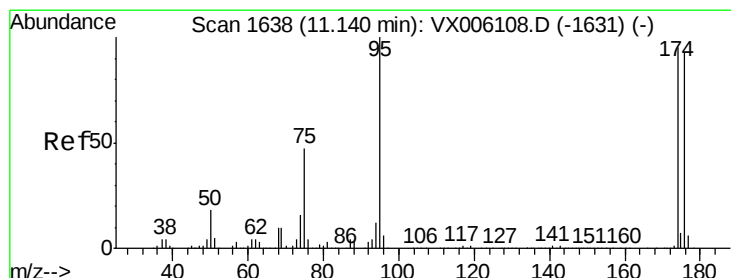
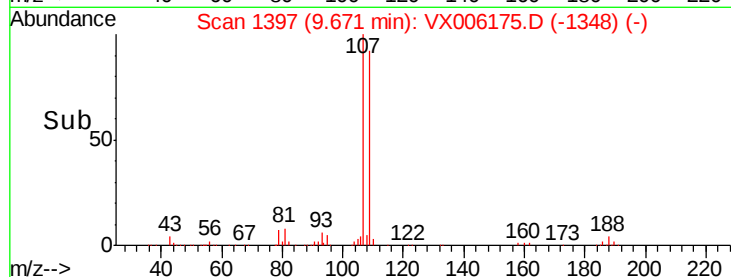
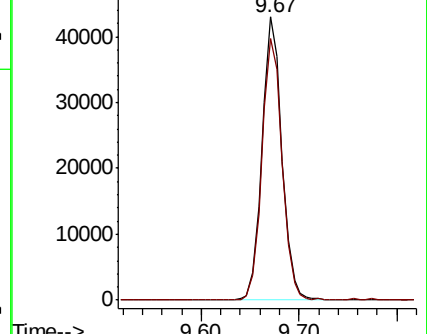
107 100

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

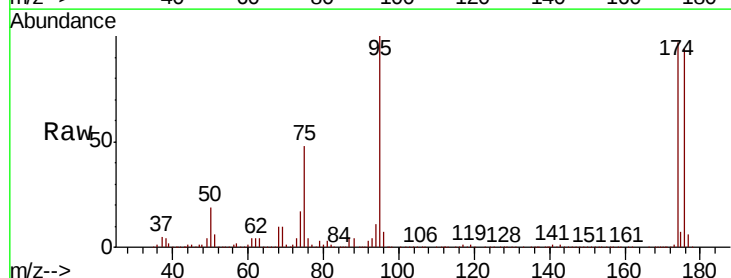
Tgt Ion: 95 Resp: 194509

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

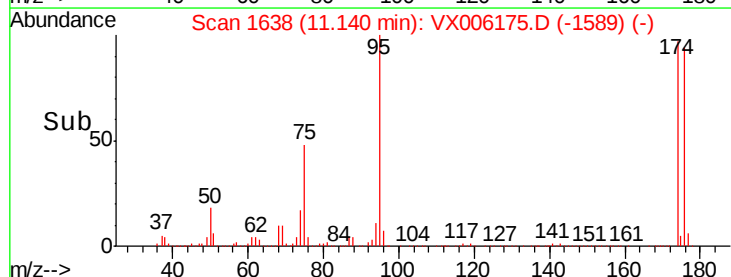
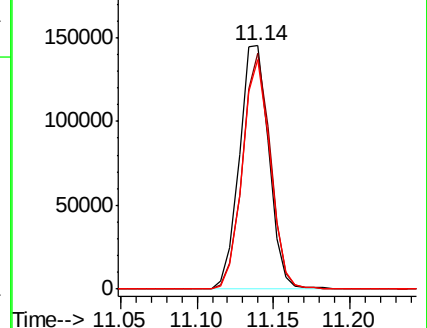
176 89.3 0.0 179.0

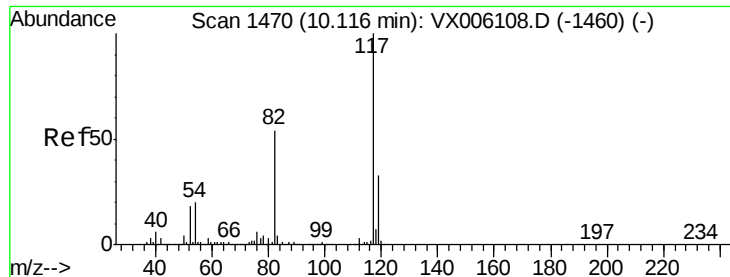


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

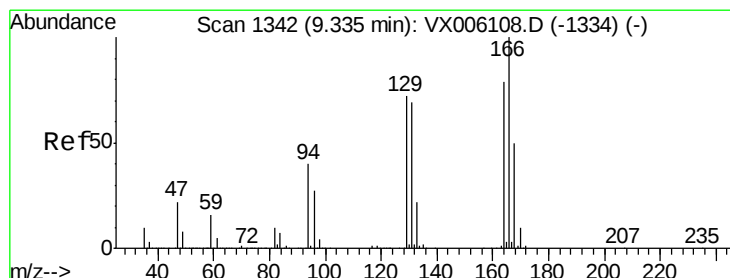
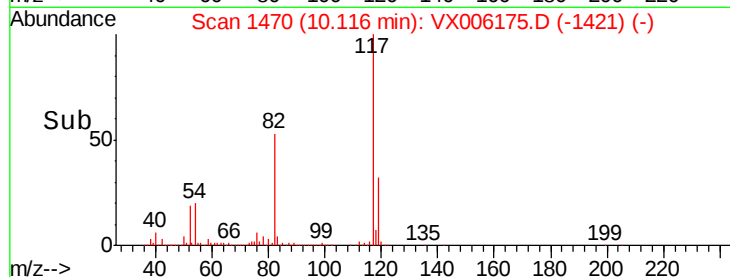
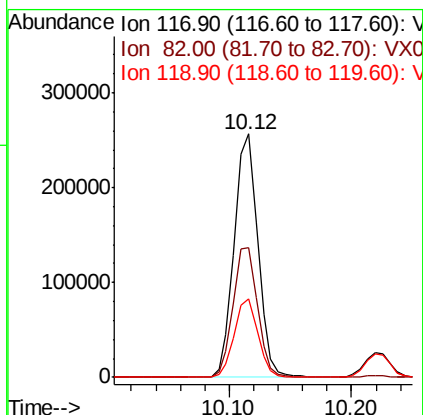
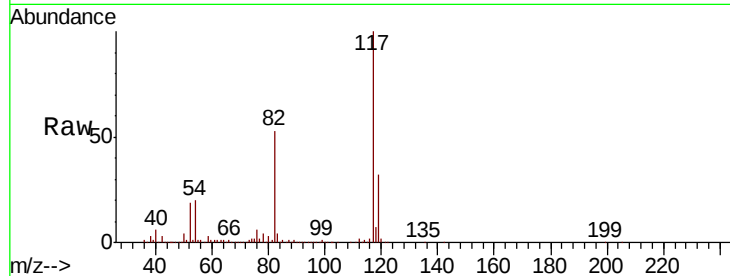




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

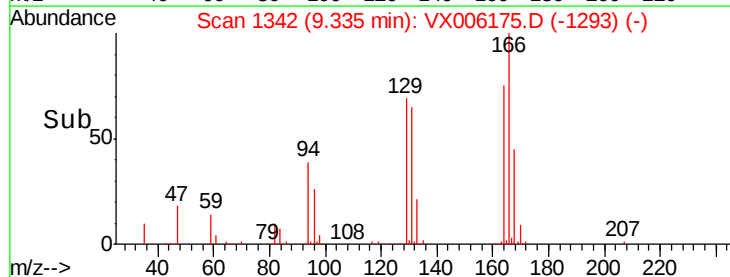
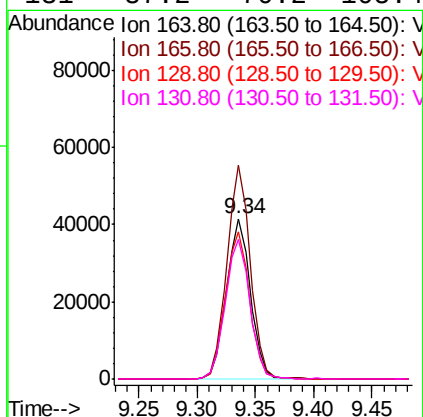
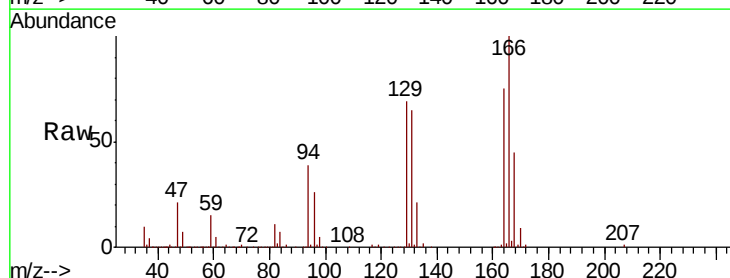
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

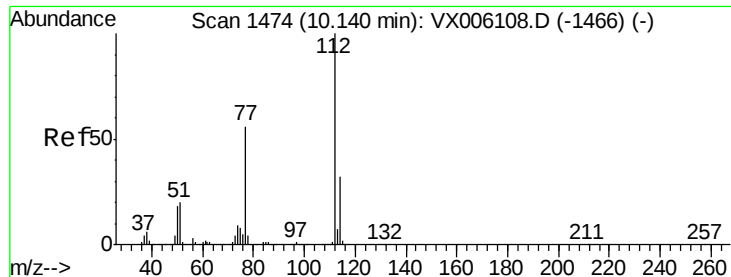
Tot Ion:117 Resp: 343984
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.5 26.1 39.1



#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:164 Resp: 59548
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

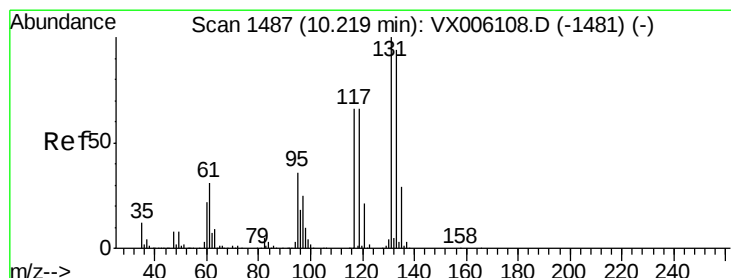
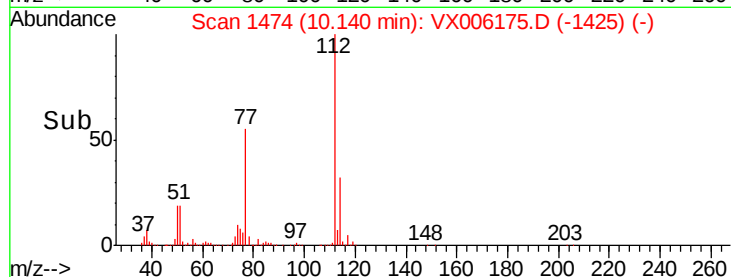
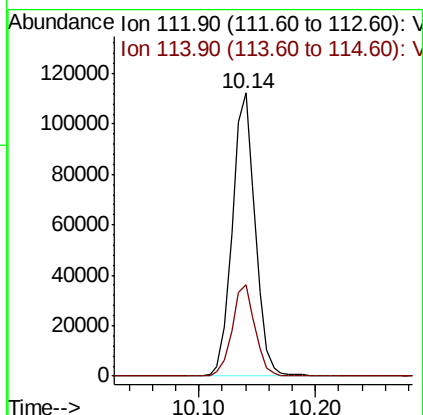
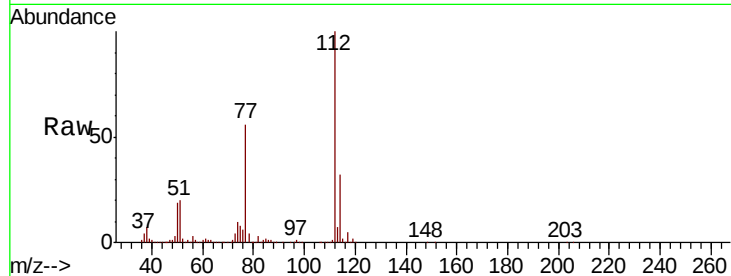




#65
Chlorobenzene
Concen: 21.746 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

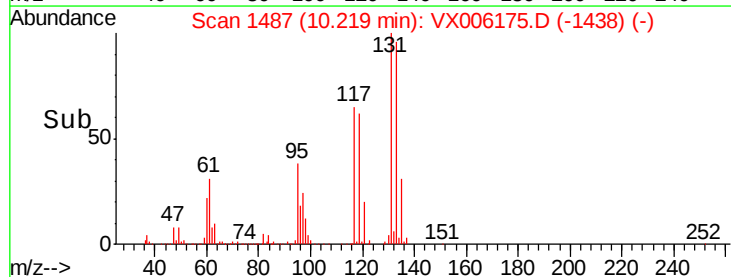
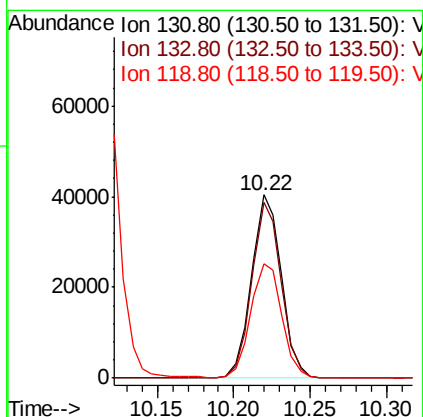
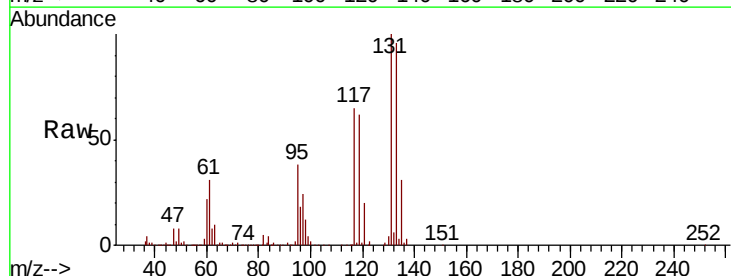
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

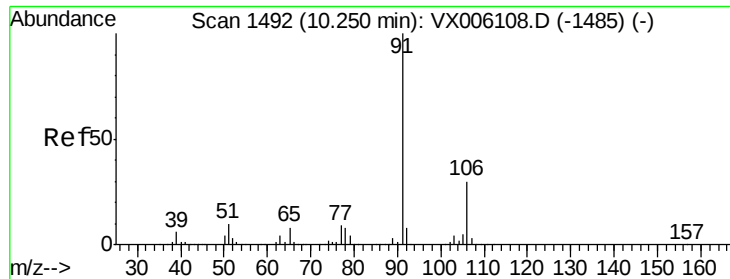
Tot Ion:112 Resp: 153437
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#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





#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 :

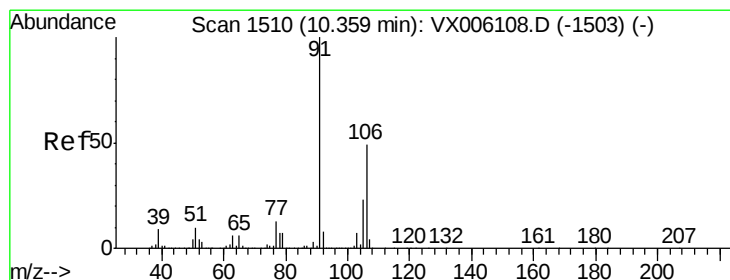
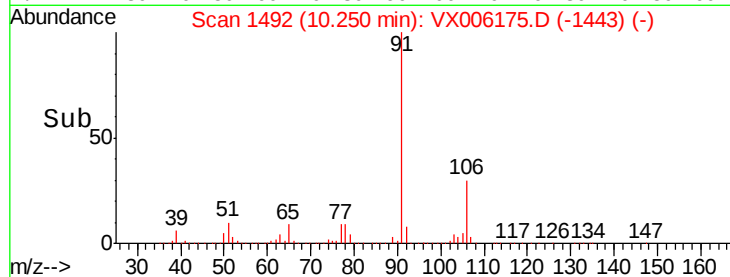
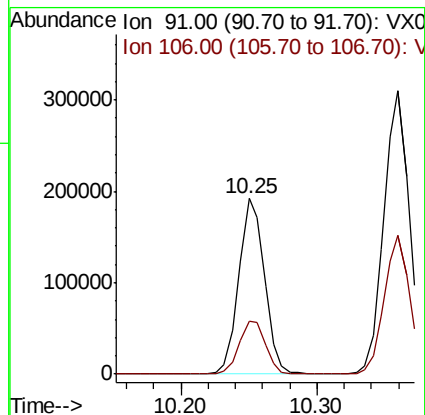
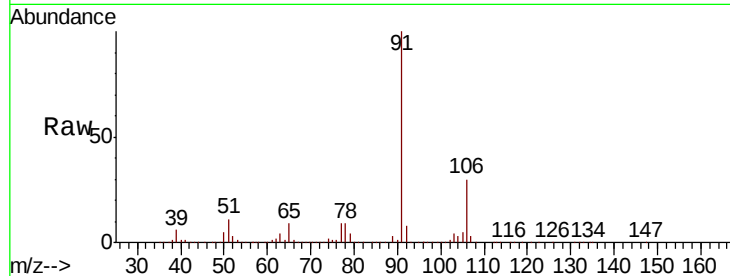
VX1126WBSD01

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

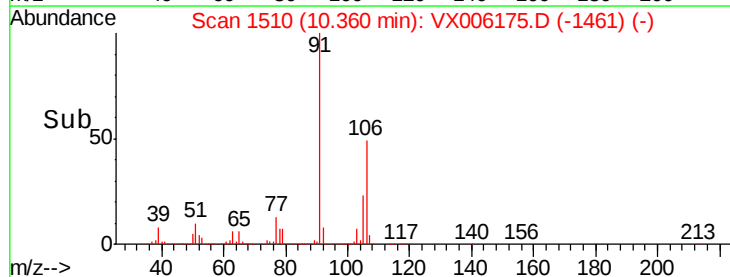
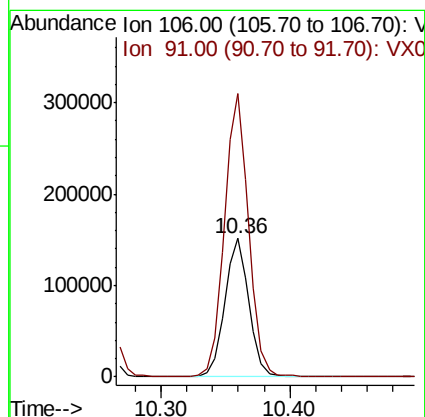
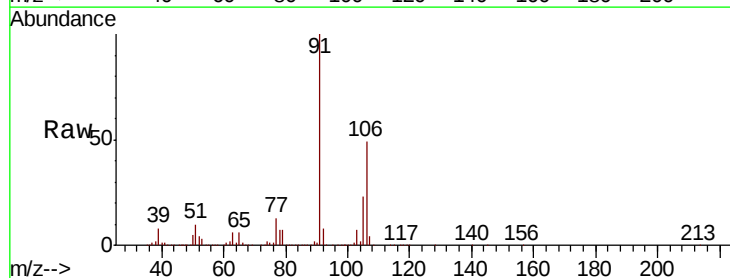
Acq: 26 Nov 2018 15:11

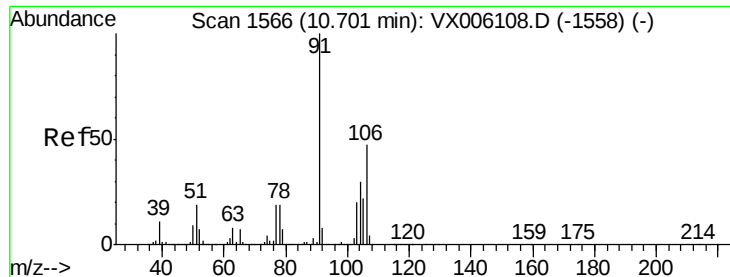
Tgt Ion: 106 Resp: 198767

Ion Ratio Lower Upper

106 100

91 205.1 162.0 243.0

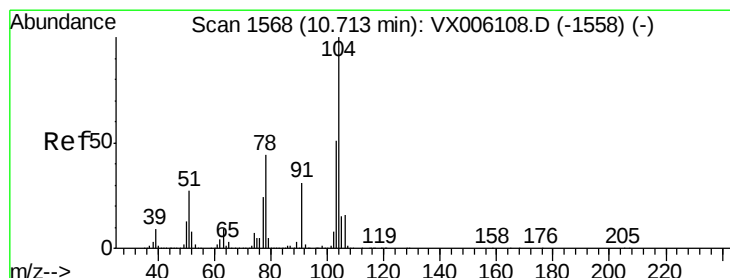
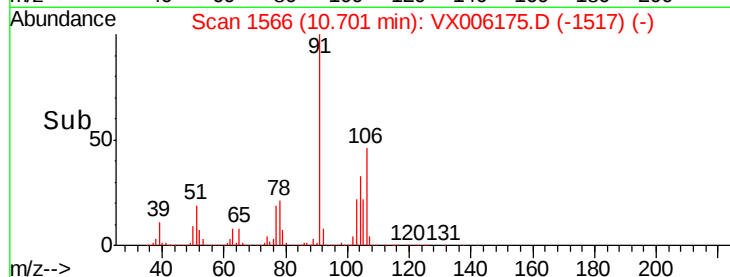
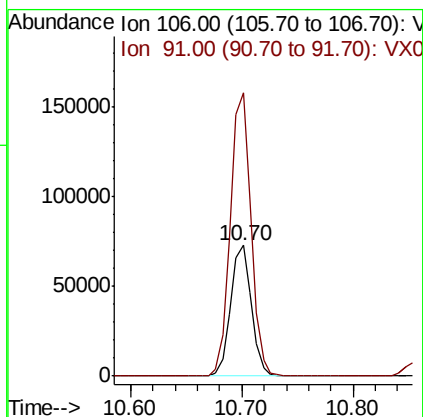
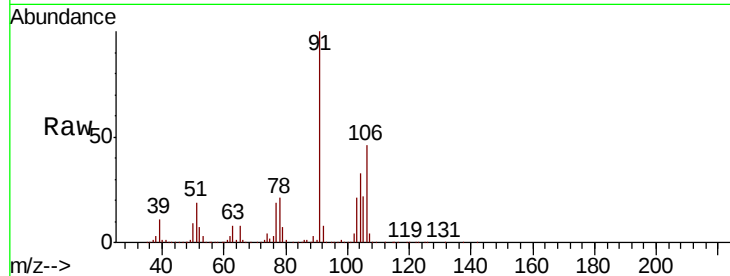




#69
o-Xylene
Concen: 21.906 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

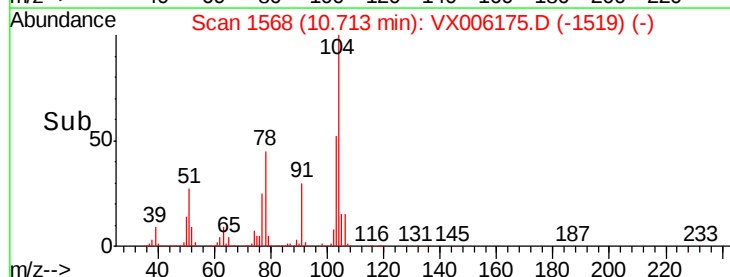
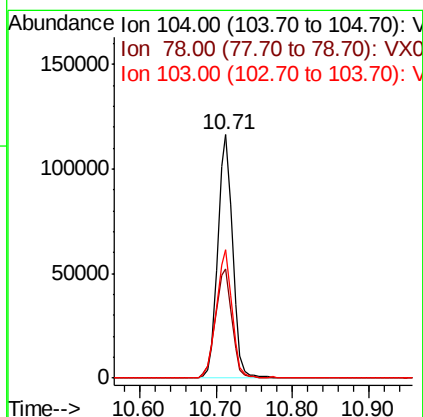
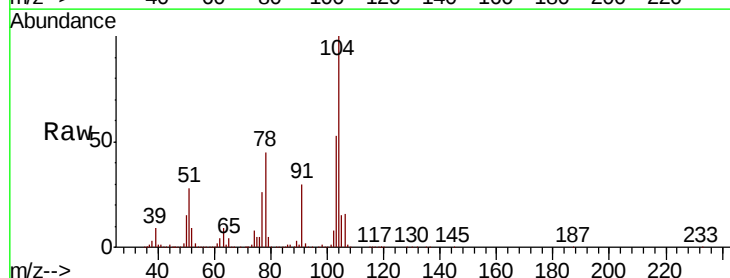
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

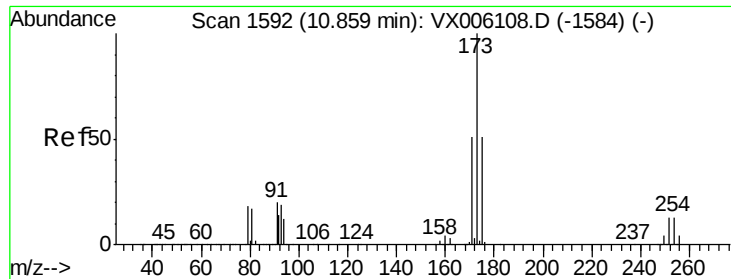
Tot Ion:106 Resp: 94131
Ion Ratio Lower Upper
106 100
91 215.4 107.4 322.2



#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 :

VX1126WBSD01

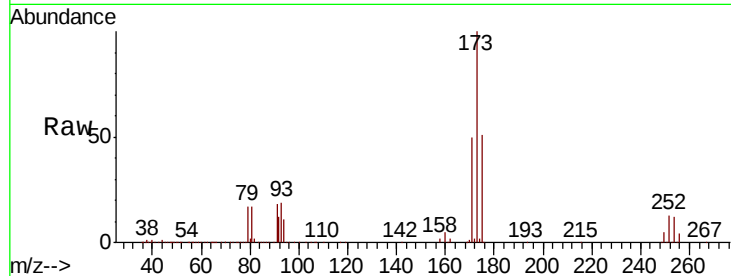
Tot Ion:173 Resp: 47271

Ion Ratio Lower Upper

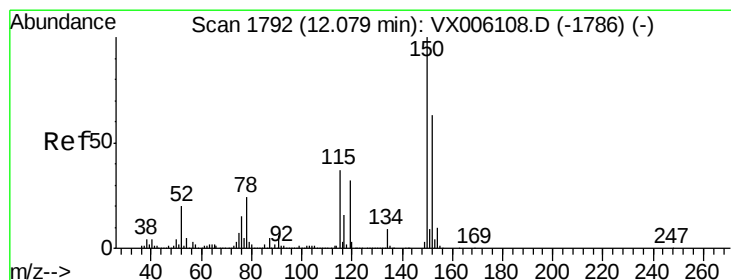
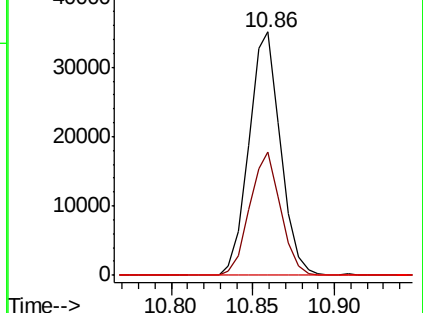
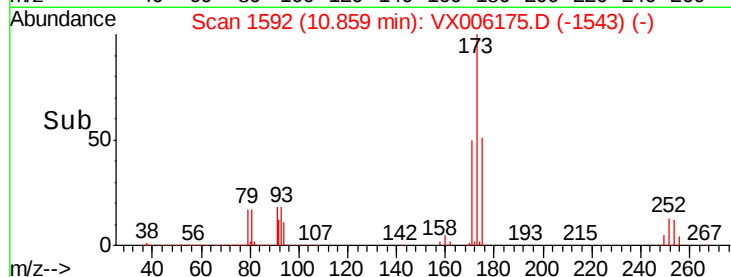
173 100

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

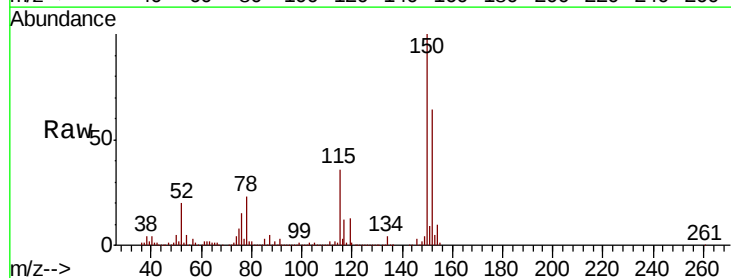
Tgt Ion:152 Resp: 187669

Ion Ratio Lower Upper

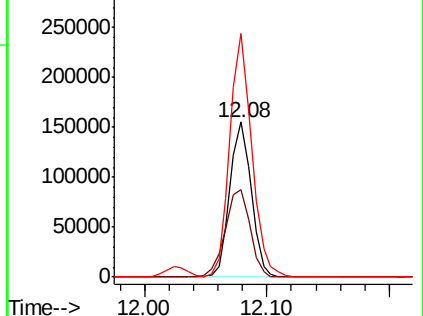
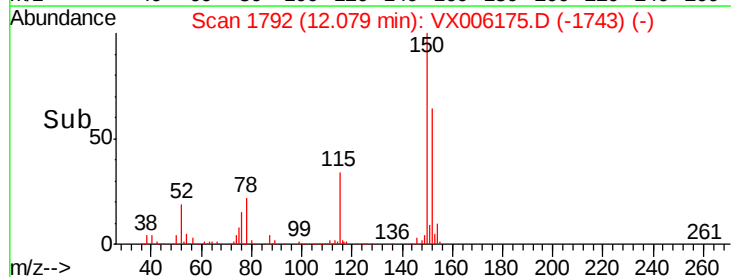
152 100

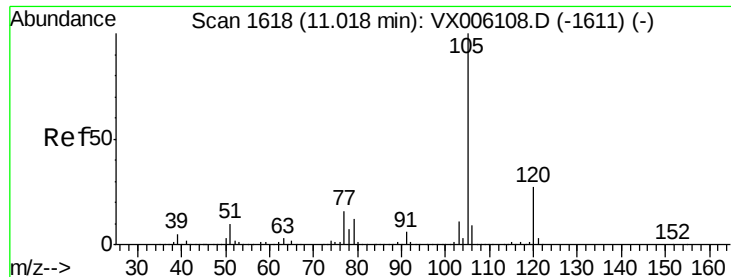
115 65.7 39.0 116.9

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 :

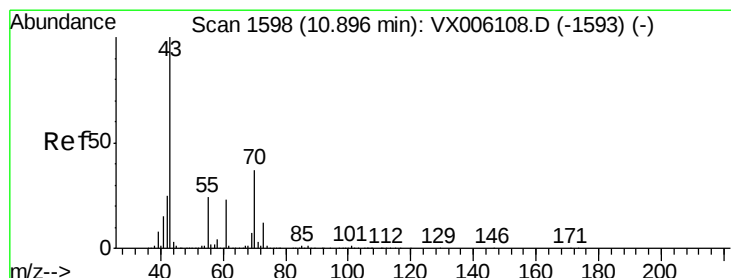
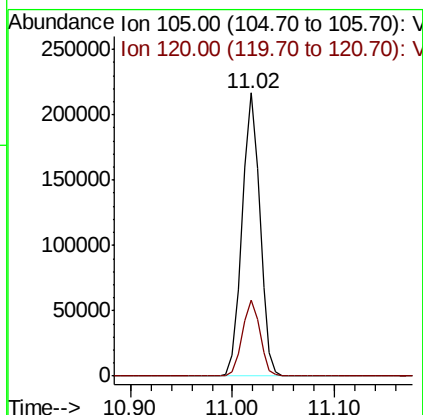
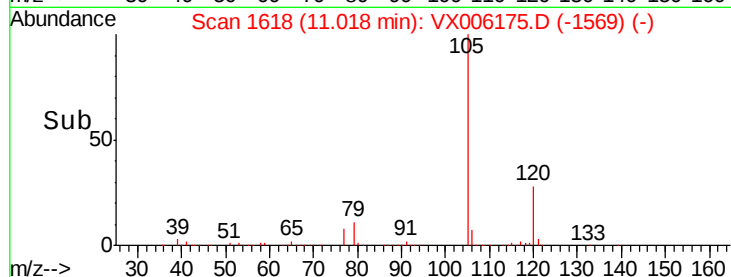
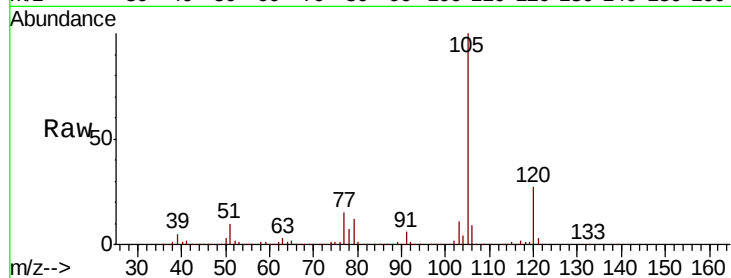
VX1126WBSD01

Tot Ion:105 Resp: 260320

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#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

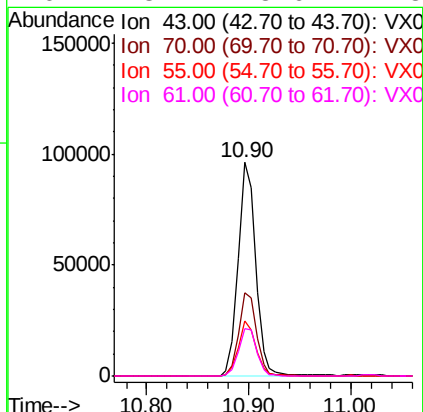
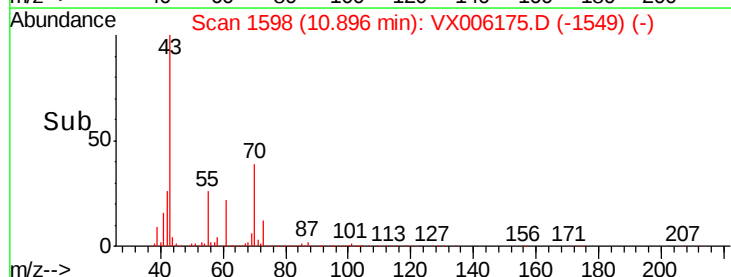
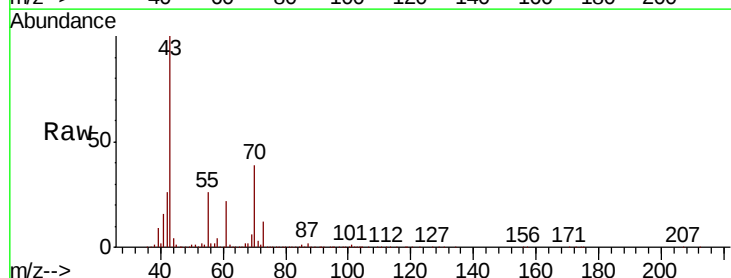
Ion Ratio Lower Upper

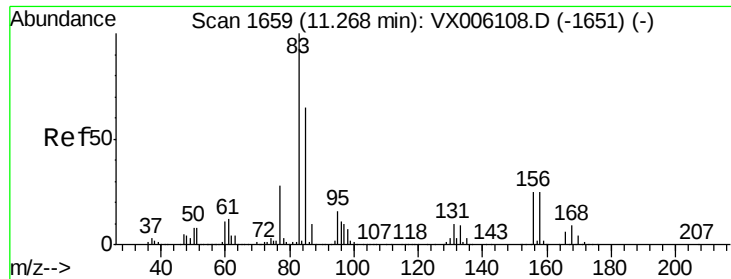
43 100

70 39.6 31.8 47.6

55 25.2 19.5 29.3

61 23.2 18.6 27.8





#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 :

VX1126WBSD01

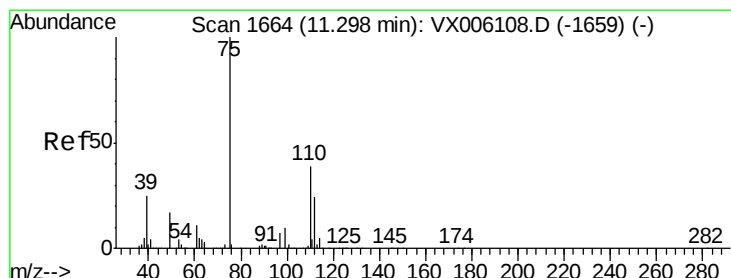
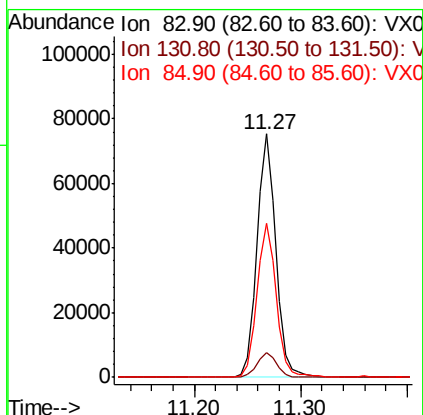
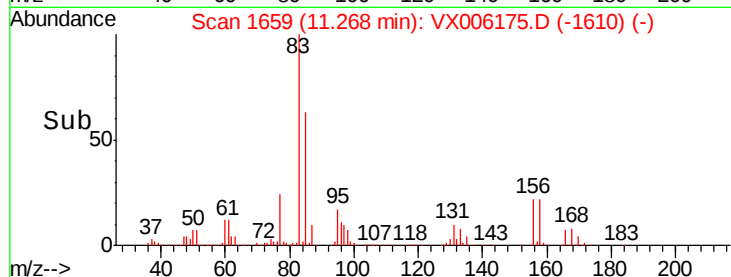
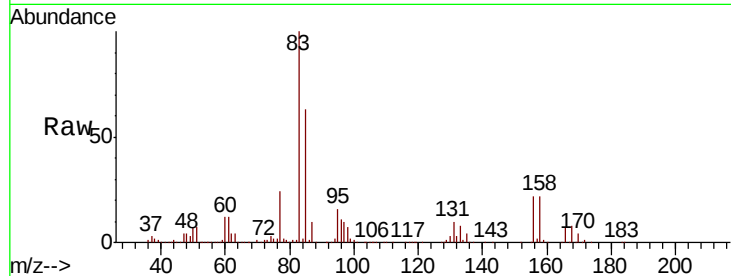
Tot Ion: 83 Resp: 94125

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 64.6 32.6 97.8



#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

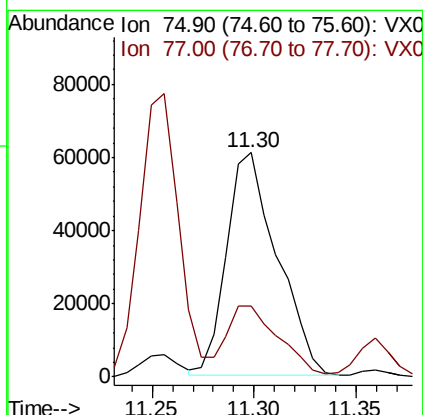
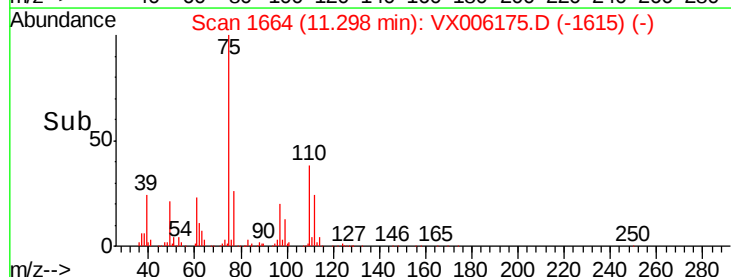
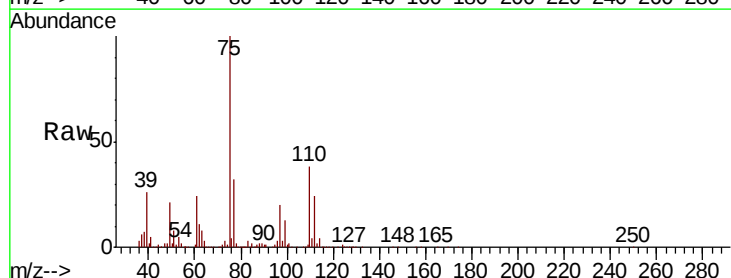
Acq: 26 Nov 2018 15:11

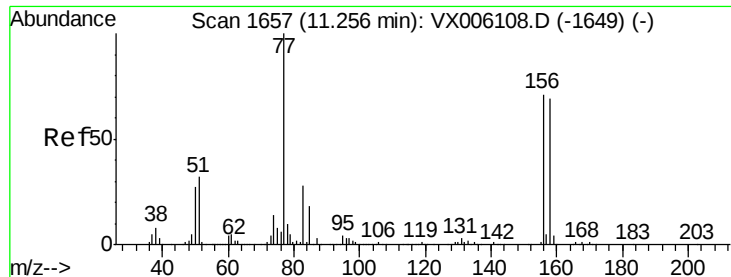
Tgt Ion: 75 Resp: 105126

Ion Ratio Lower Upper

75 100

77 31.8 19.6 58.7





#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 :

VX1126WBSD01

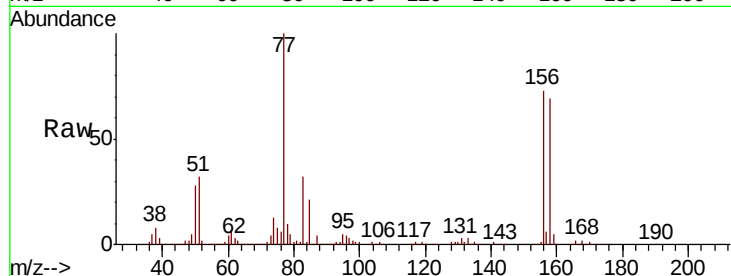
Tot Ion:156 Resp: 71015

Ion Ratio Lower Upper

156 100

77 146.5 74.3 222.8

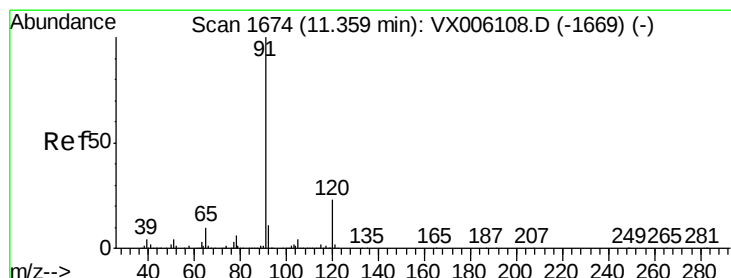
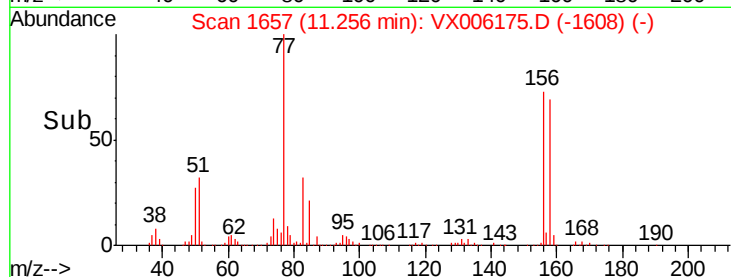
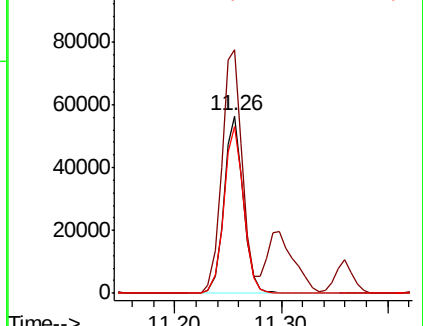
158 97.0 49.0 147.0



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

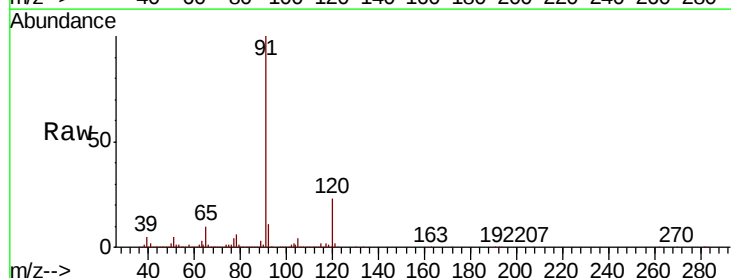
Acq: 26 Nov 2018 15:11

Tgt Ion: 91 Resp: 299937

Ion Ratio Lower Upper

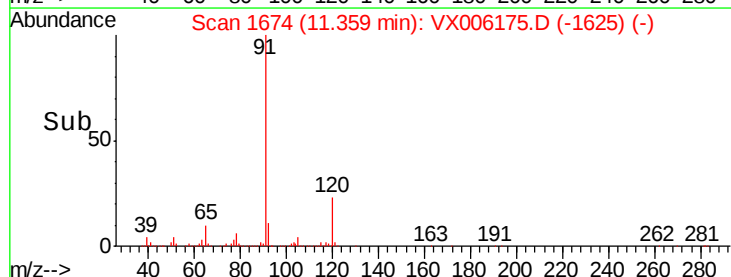
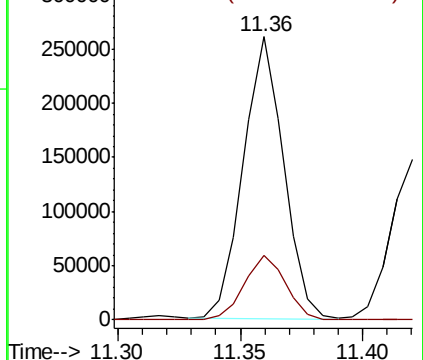
91 100

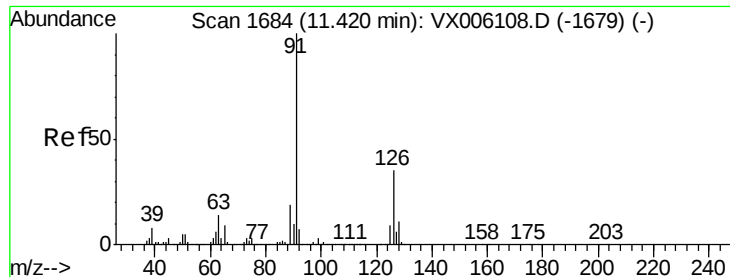
120 23.4 11.8 35.3



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 :

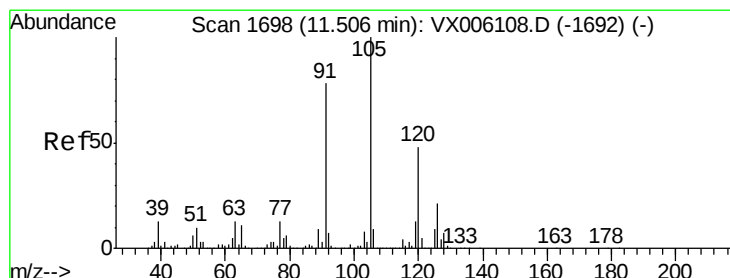
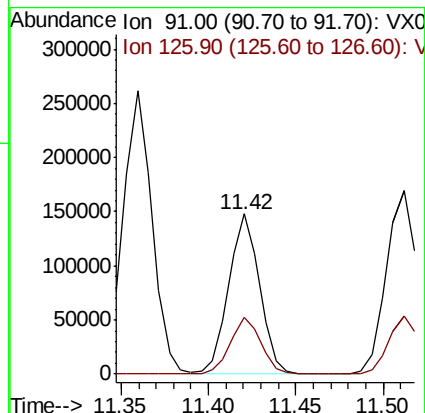
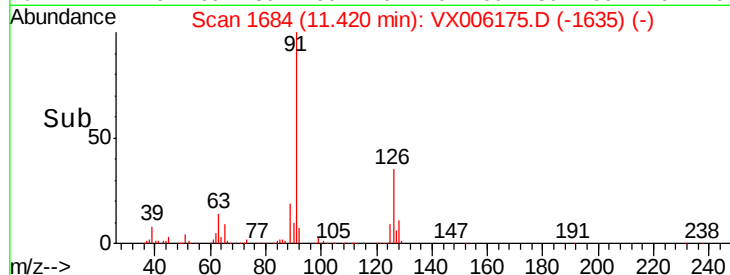
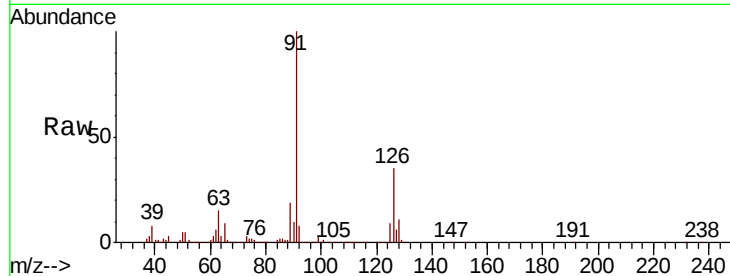
VX1126WBSD01

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

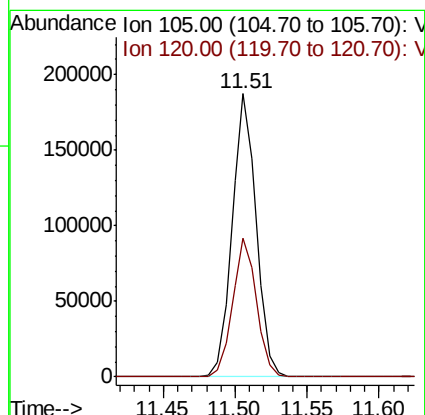
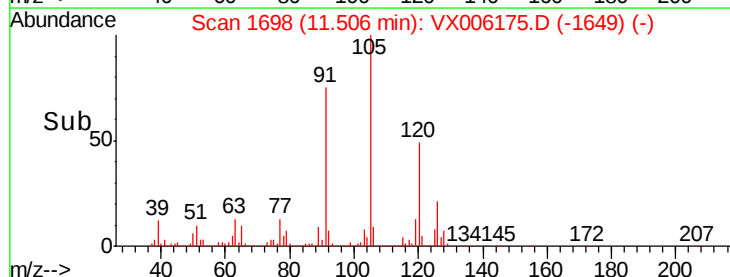
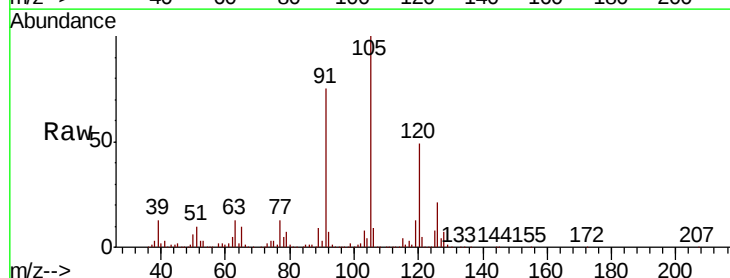
Acq: 26 Nov 2018 15:11

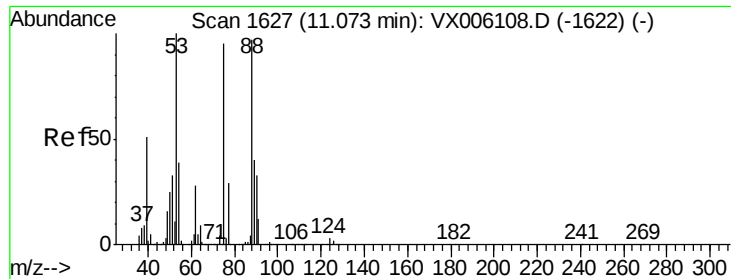
Tgt Ion:105 Resp: 218816

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 :

VX1126WBSD01

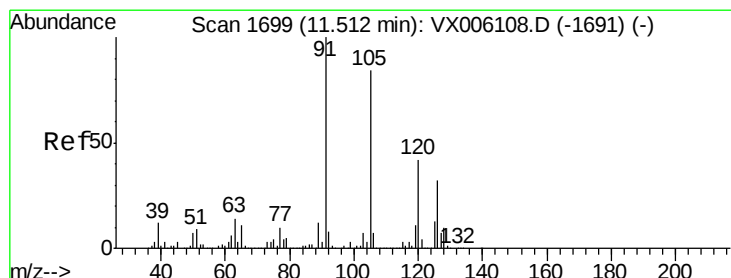
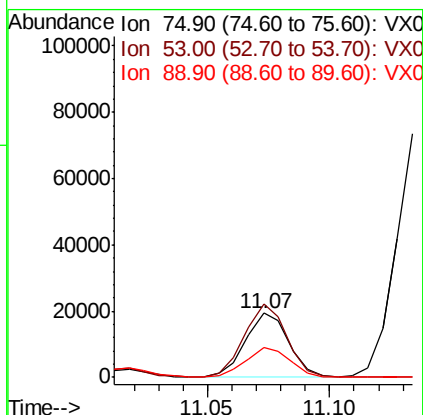
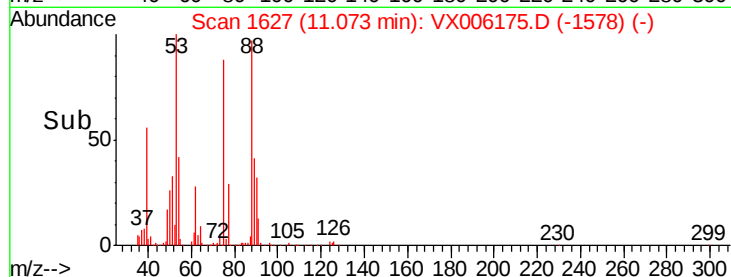
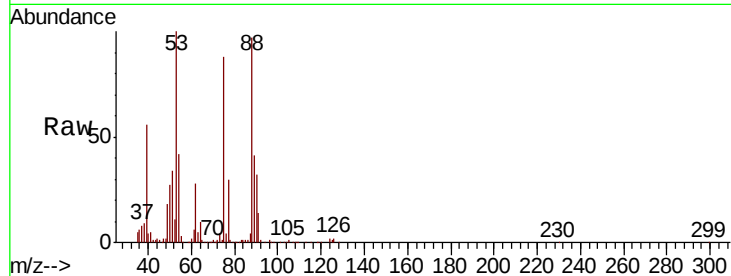
Tot Ion: 75 Resp: 24344

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

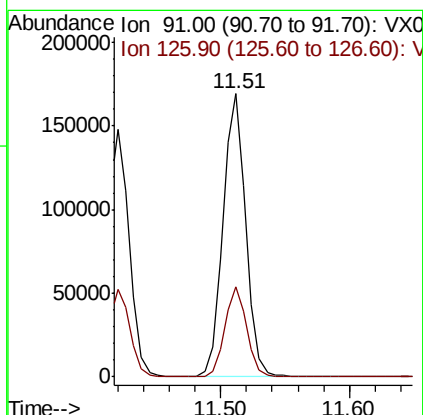
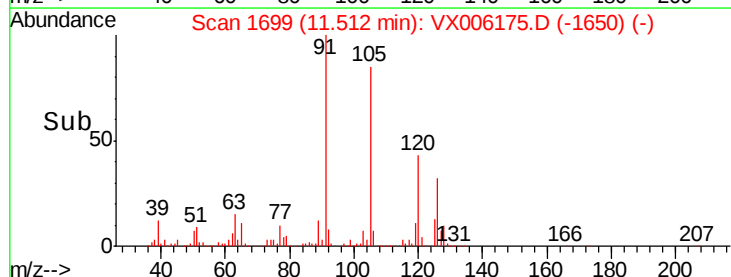
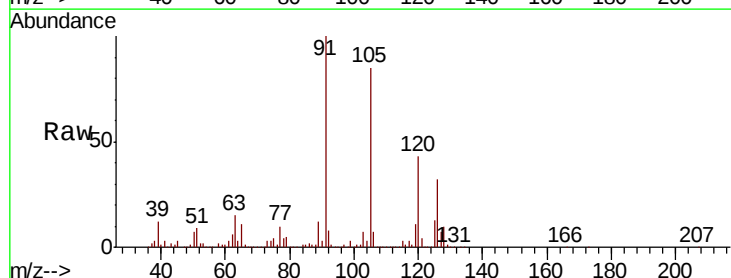
Acq: 26 Nov 2018 15:11

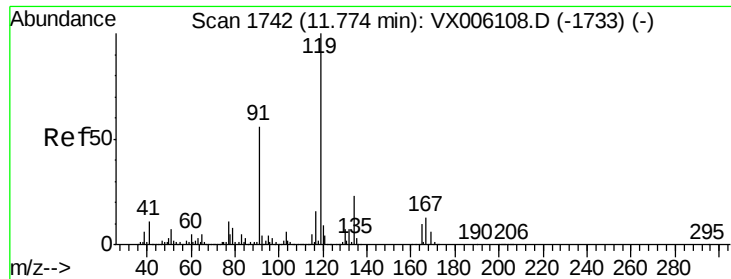
Tgt Ion: 91 Resp: 209780

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 :

VX1126WBSD01

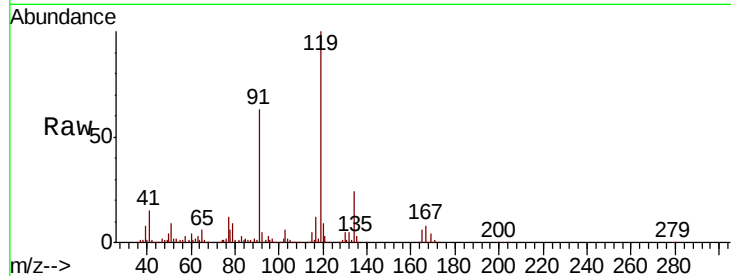
Tot Ion:119 Resp: 213046

Ion Ratio Lower Upper

119 100

91 57.2 28.2 84.6

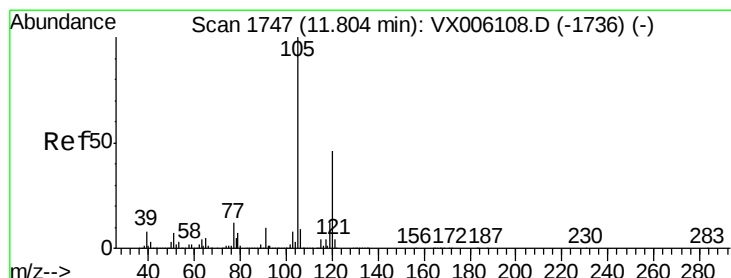
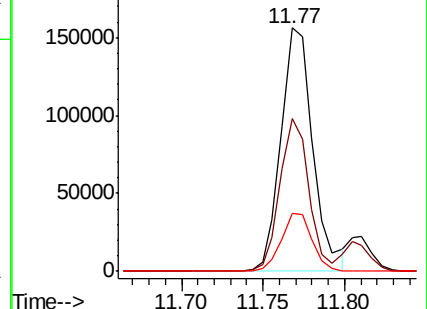
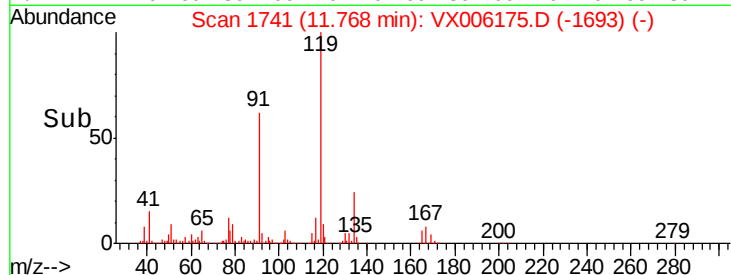
134 23.1 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#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

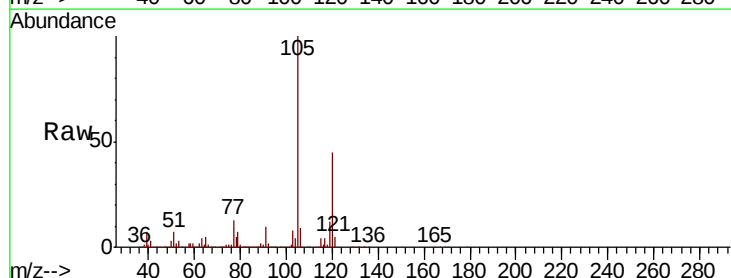
Acq: 26 Nov 2018 15:11

Tgt Ion:105 Resp: 226411

Ion Ratio Lower Upper

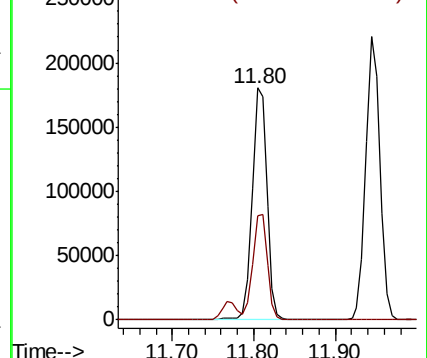
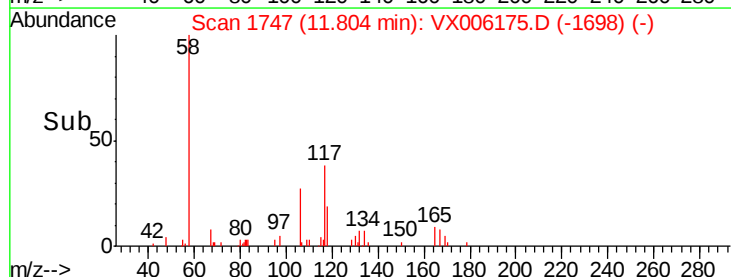
105 100

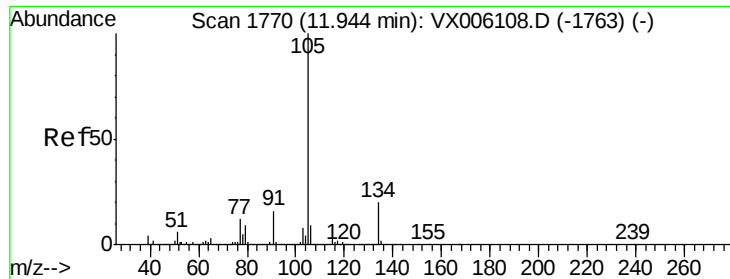
120 44.8 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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 :

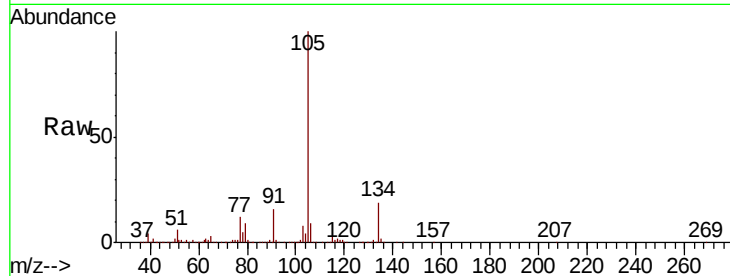
VX1126WBSD01

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

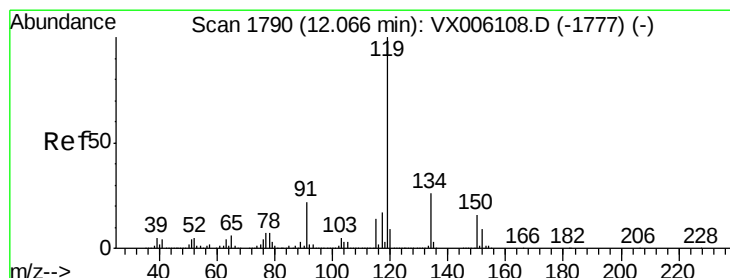
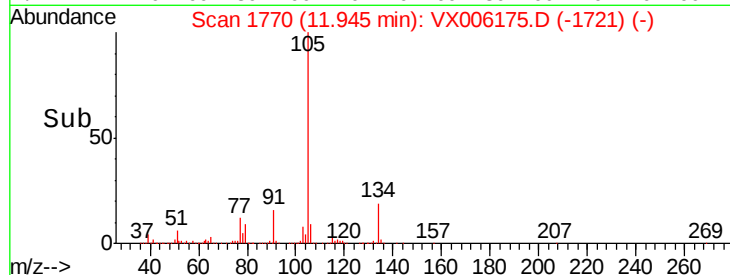
100000

50000

0

Time-->

11.90 11.95 12.00



#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

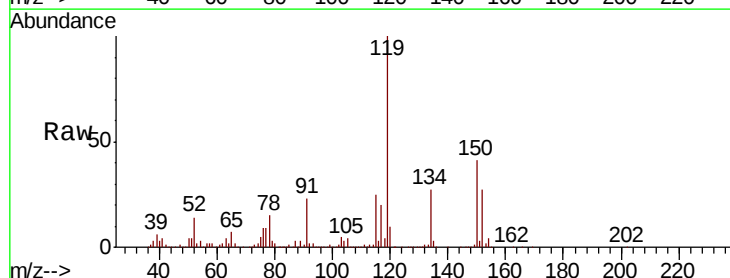
Tgt Ion:119 Resp: 230956

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

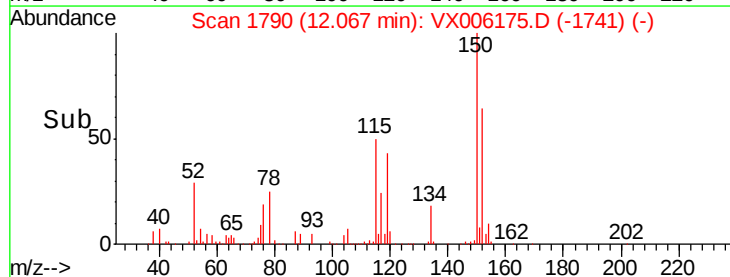
100000

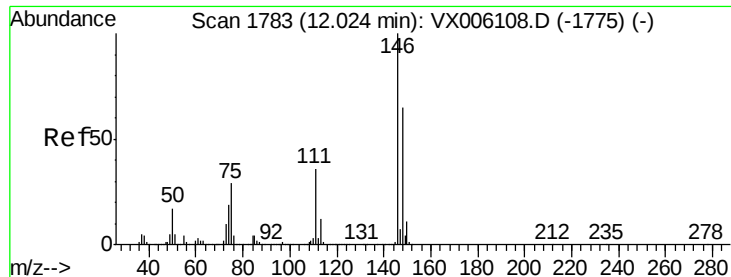
50000

0

Time-->

12.00 12.10





#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

ClientSampled :

VX1126WBSD01

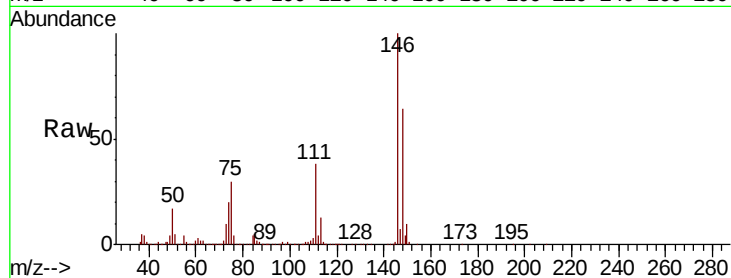
Tot Ion:146 Resp: 128980

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

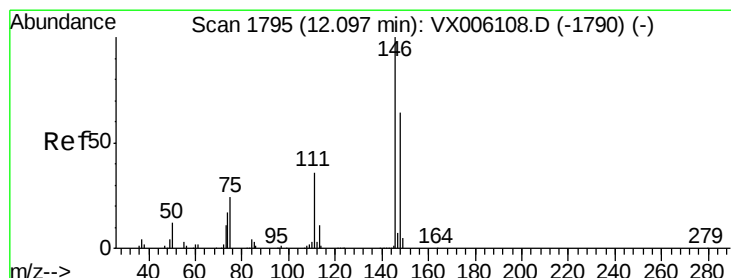
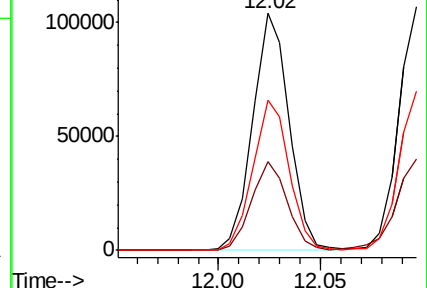
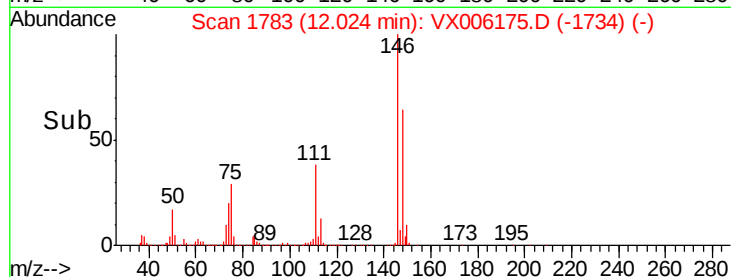
148 63.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

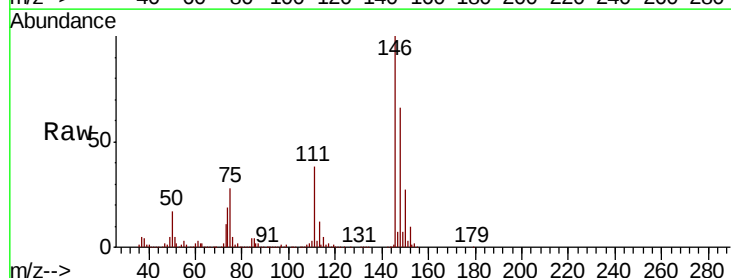
Tgt Ion:146 Resp: 130585

Ion Ratio Lower Upper

146 100

111 38.7 18.3 54.9

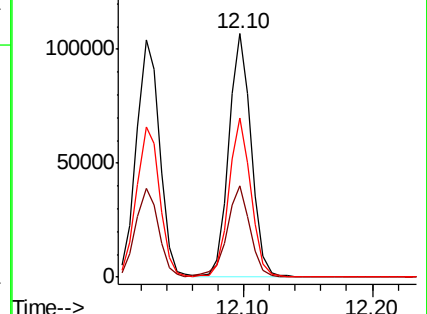
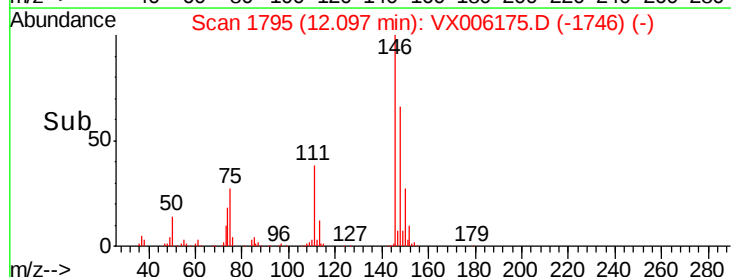
148 64.6 32.2 96.6

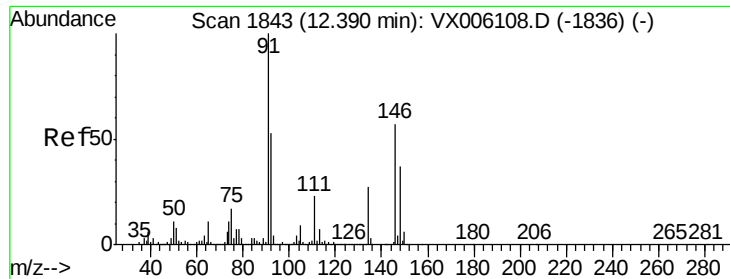


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

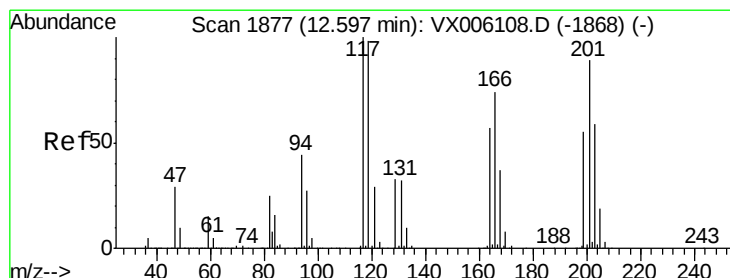
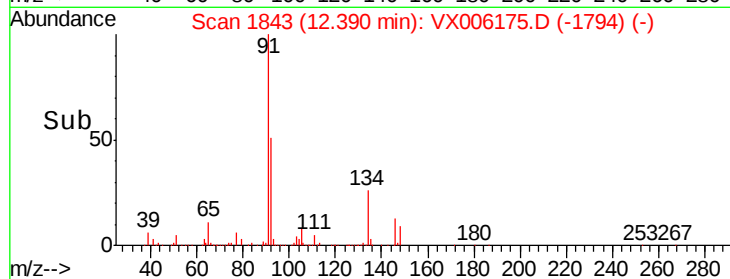
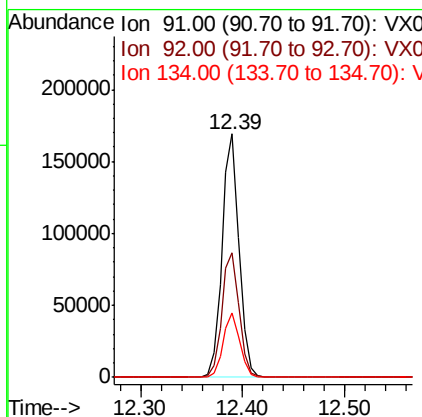
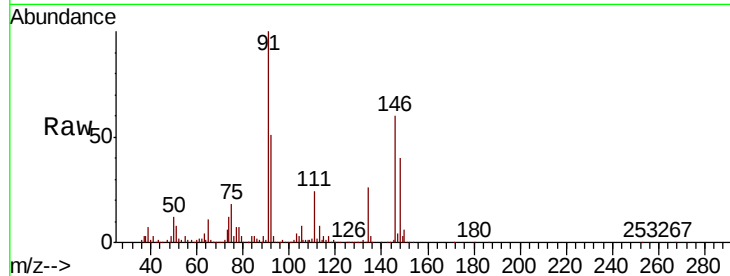




#89
n-Butylbenzene
Concen: 21.243 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

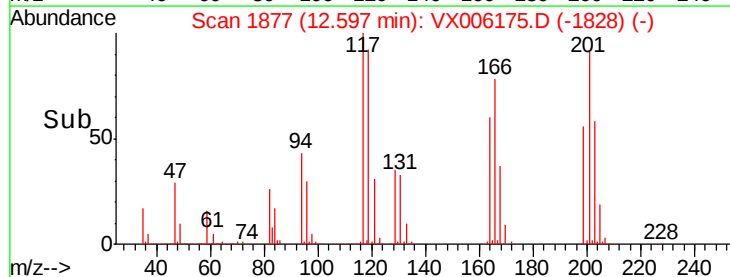
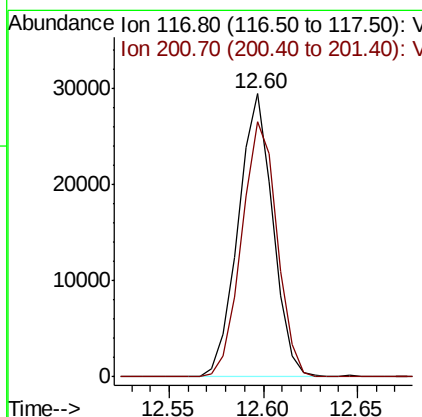
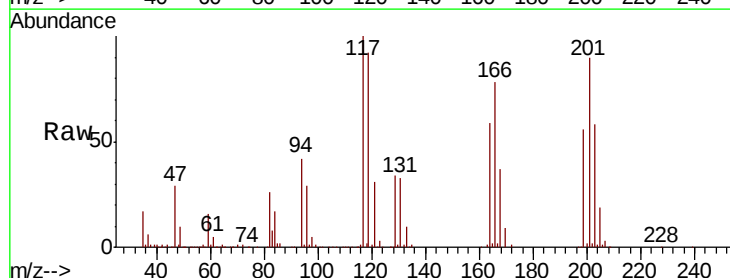
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

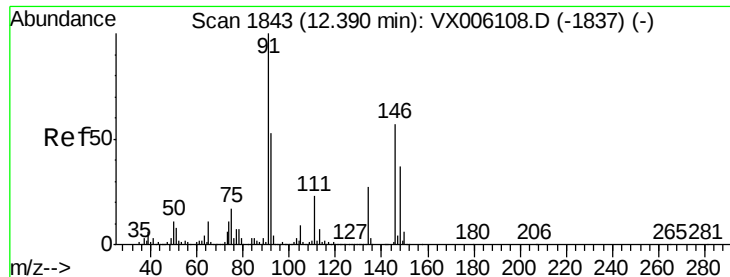
Tot Ion: 91 Resp: 196034
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 25.9 13.1 39.3



#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 :

VX1126WBSD01

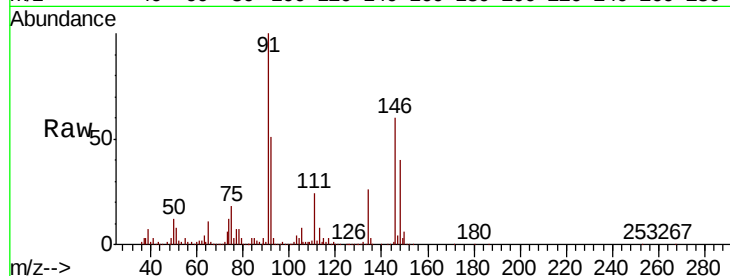
Tot Ion:146 Resp: 128242

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

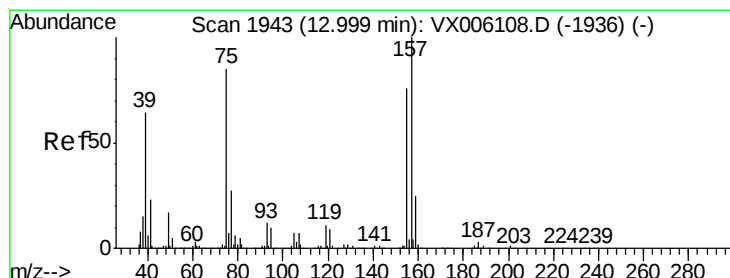
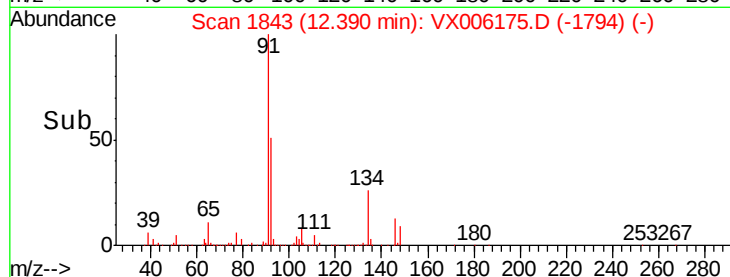
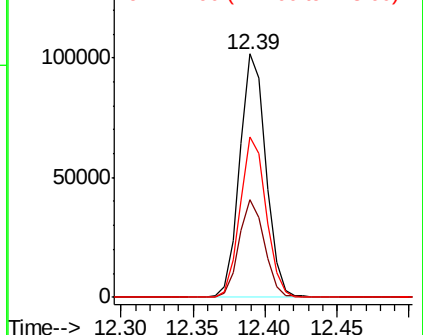
148 65.6 32.0 96.0



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

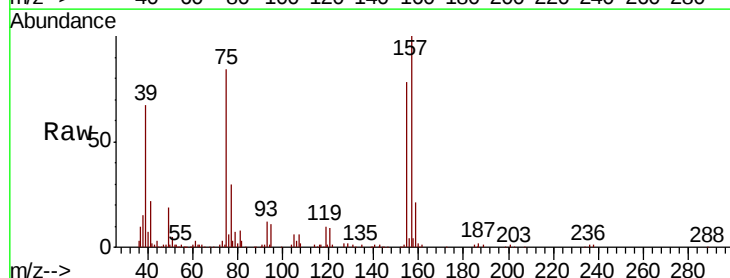
Tgt Ion: 75 Resp: 22180

Ion Ratio Lower Upper

75 100

155 90.5 46.1 138.3

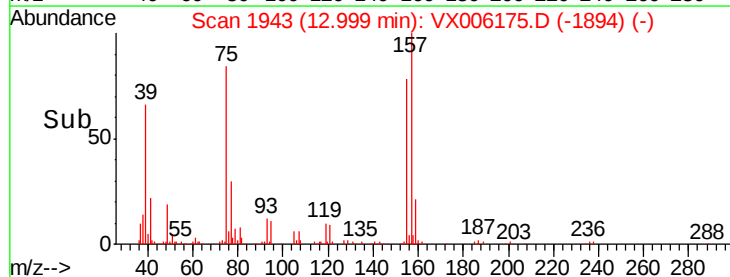
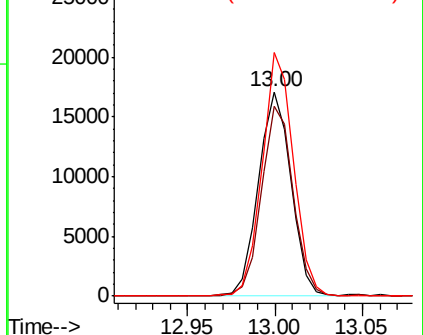
157 114.2 59.8 179.3

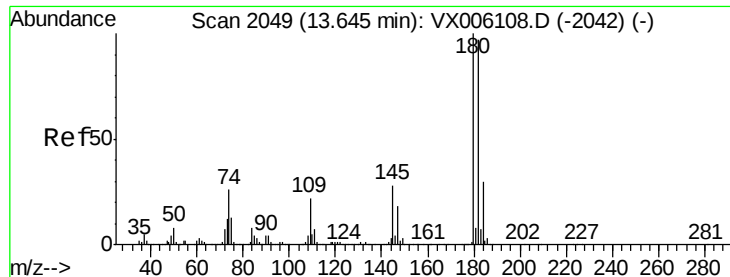


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

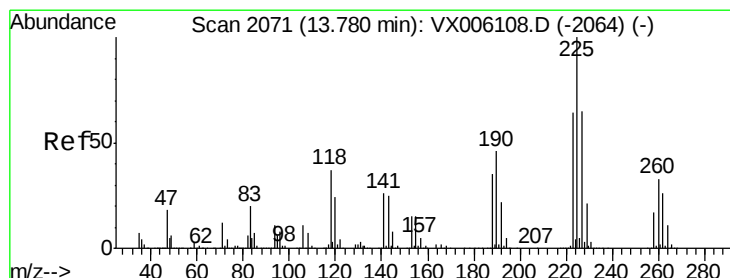
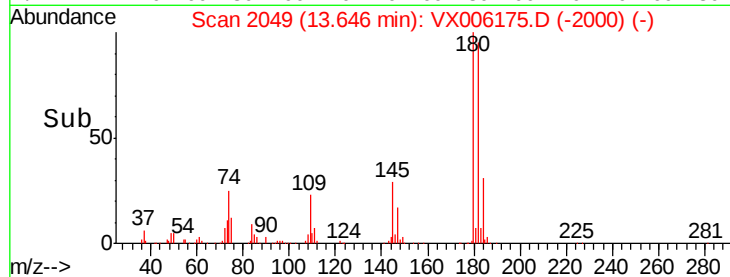
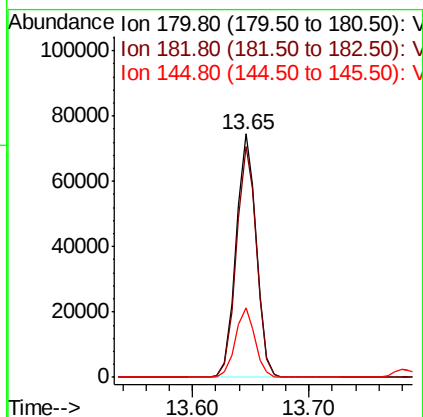
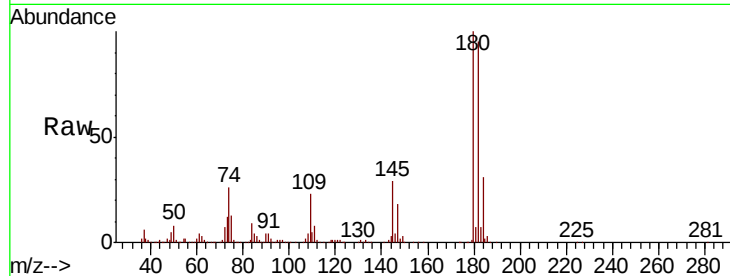




#93
 1,2,4-Trichlorobenzene
 Concen: 21.298 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

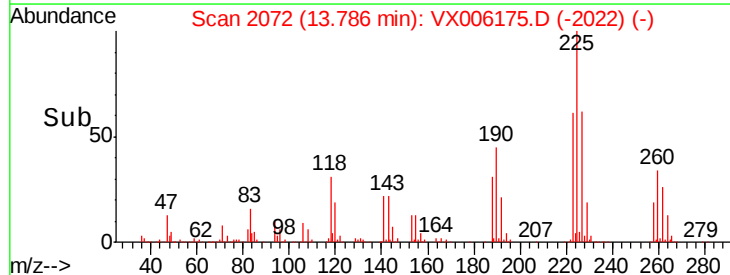
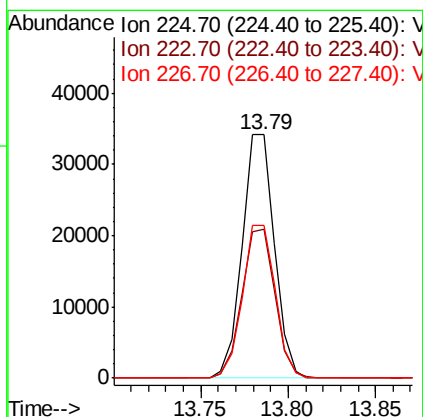
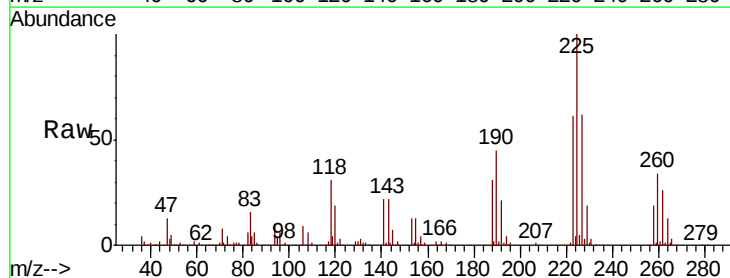
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

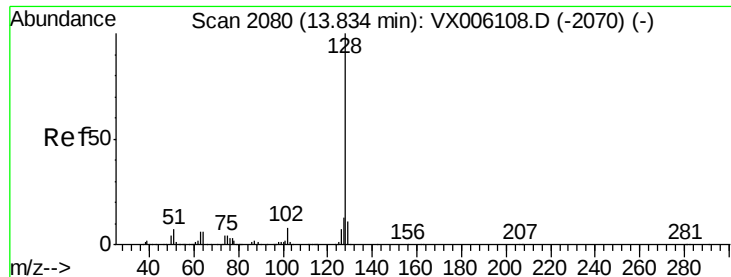
Tot Ion:180 Resp: 89967
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.2 144.6
 145 28.1 14.1 42.2



#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





#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 :

VX1126WBSD01

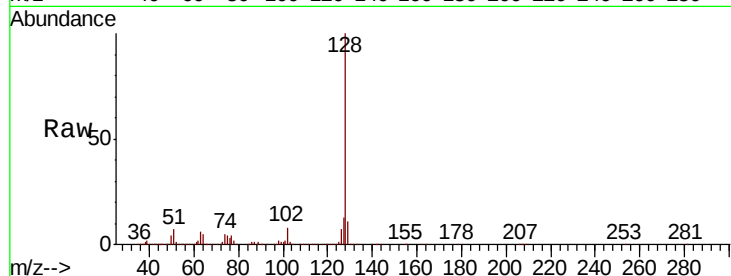
Tot Ion:128 Resp: 278275

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

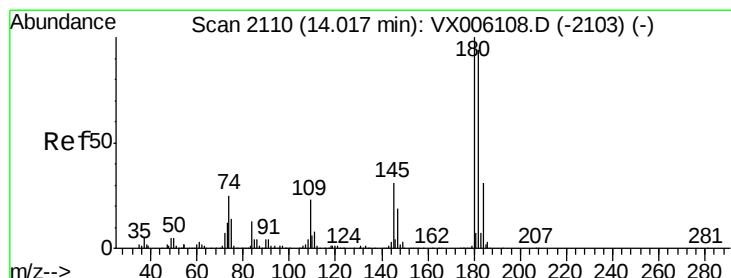
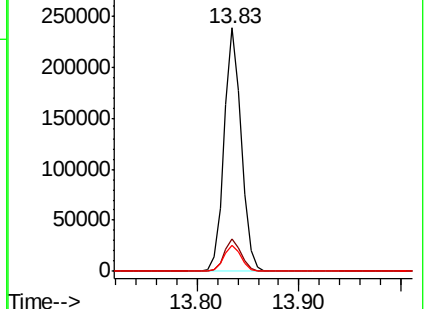
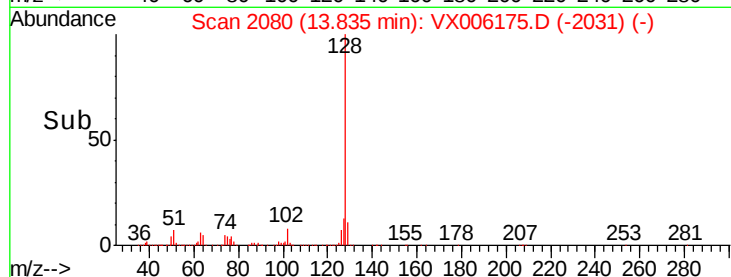
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 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

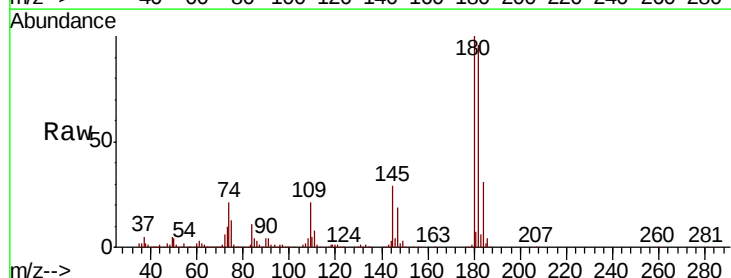
Tgt Ion:180 Resp: 93914

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 29.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

