

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005579.D
 Acq On : 25 Oct 2018 08:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 13:20:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161432	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	126806	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
35) Dibromofluoromethane	5.50	113	98932	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	375714	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	141894	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	73623	36.905	ug/l	99
3) Chloromethane	1.32	50	108939	42.880	ug/l	99
4) Vinyl Chloride	1.40	62	115137	46.090	ug/l	89
5) Bromomethane	1.64	94	62786	40.392	ug/l	99
6) Chloroethane	1.71	64	70871	44.410	ug/l	100
7) Trichlorofluoromethane	1.93	101	165103	47.564	ug/l	98
8) Diethyl Ether	2.19	74	67349	48.619	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93394	46.894	ug/l	99
10) Methyl Iodide	2.51	142	115926	55.422	ug/l	97
11) Tert butyl alcohol	3.07	59	173892	261.922	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94080	49.588	ug/l #	82
13) Acrolein	2.29	56	75260	222.226	ug/l	100
14) Allyl chloride	2.73	41	196535	46.416	ug/l	100
15) Acrylonitrile	3.15	53	369033	247.884	ug/l	99
16) Acetone	2.45	43	339862	260.694	ug/l	100
17) Carbon Disulfide	2.57	76	265515	45.910	ug/l	98
18) Methyl Acetate	2.78	43	181100	56.419	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	332660	49.154	ug/l	100
20) Methylene Chloride	2.85	84	109096	49.965	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	100232	48.387	ug/l	99
22) Diisopropyl ether	3.87	45	350447	47.395	ug/l #	95
23) Vinyl Acetate	3.82	43	1606971	246.766	ug/l	97
24) 1,1-Dichloroethane	3.70	63	196360	48.845	ug/l	100
25) 2-Butanone	4.69	43	519272	261.565	ug/l	91
26) 2,2-Dichloropropane	4.58	77	93648	30.173	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	108476	48.574	ug/l	95
28) Bromochloromethane	5.02	49	99508	51.178	ug/l	98
29) Tetrahydrofuran	5.16	42	342298	264.946	ug/l	99
30) Chloroform	5.23	83	193180	51.372	ug/l	88
31) Cyclohexane	5.57	56	162282	48.789	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	160752	48.435	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143001	49.202	ug/l	98
37) Ethyl Acetate	4.85	43	198750	53.588	ug/l	98
38) Carbon Tetrachloride	5.78	117	144506	47.206	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153540	47.841	ug/l	98
40) Benzene	6.14	78	410504	49.271	ug/l	100
41) Methacrylonitrile	5.06	41	100623	48.705	ug/l	98
42) 1,2-Dichloroethane	6.20	62	153259	48.422	ug/l	100
43) Isopropyl Acetate	6.46	43	277357	49.905	ug/l	99
44) Trichloroethene	7.21	130	110701	48.773	ug/l	96
45) 1,2-Dichloropropane	7.52	63	109912	49.069	ug/l	99
46) Dibromomethane	7.66	93	70550	48.766	ug/l	99
47) Bromodichloromethane	7.90	83	141929	50.547	ug/l	96
48) Methyl methacrylate	7.77	41	141313	52.193	ug/l	99
49) 1,4-Dioxane	7.74	88	63554	1074.117	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	957865	256.445	ug/l	100
52) Toluene	8.79	92	254056	50.174	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	146766	48.363	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	156973	48.045	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	105465	49.402	ug/l	97
56) Ethyl methacrylate	9.18	69	165119	51.855	ug/l	100
57) 1,3-Dichloropropane	9.37	76	178270	49.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	462263	259.926	ug/l	100
59) 2-Hexanone	9.50	43	763372	259.211	ug/l	99
60) Dibromochloromethane	9.59	129	113703	51.049	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111134	50.320	ug/l	100
64) Tetrachloroethene	9.34	164	115991	49.577	ug/l	99
65) Chlorobenzene	10.14	112	288409	48.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105668	48.287	ug/l	99
67) Ethyl Benzene	10.25	91	495341	50.165	ug/l	100
68) m/p-Xylenes	10.36	106	385023	100.504	ug/l	100
69) o-Xylene	10.70	106	183112	50.805	ug/l	98
70) Styrene	10.71	104	311606	51.646	ug/l	100
71) Bromoform	10.86	173	94962	48.630	ug/l	99
73) Isopropylbenzene	11.02	105	505961	51.273	ug/l	99
74) N-amyl acetate	10.90	43	252067	51.551	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	173522	47.663	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	201055	58.782	ug/l	85
77) Bromobenzene	11.26	156	133364	48.494	ug/l	100
78) n-propylbenzene	11.36	91	585923	51.926	ug/l	100
79) 2-Chlorotoluene	11.42	91	346897	49.583	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	434510	51.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44931	42.923	ug/l	97
82) 4-Chlorotoluene	11.51	91	412800	50.038	ug/l	100
83) tert-Butylbenzene	11.77	119	423505	50.329	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	447825	52.343	ug/l	100
85) sec-Butylbenzene	11.94	105	513375	51.129	ug/l	100
86) p-Isopropyltoluene	12.07	119	463995	51.694	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	249470	48.239	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	251063	46.509	ug/l	99
89) n-Butylbenzene	12.39	91	405444	50.035	ug/l	99
90) Hexachloroethane	12.60	117	76804	49.612	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	252772	48.311	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44181	50.190	ug/l	99

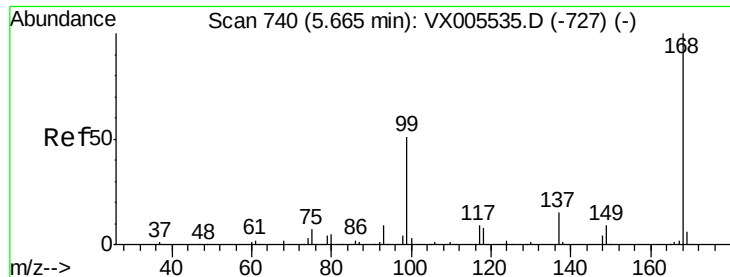
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	189063	49.847	ug/l	100
94) Hexachlorobutadiene	13.79	225	89227	45.396	ug/l	99
95) Naphthalene	13.83	128	588786	53.405	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193204	50.251	ug/l	100

(#) = 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: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

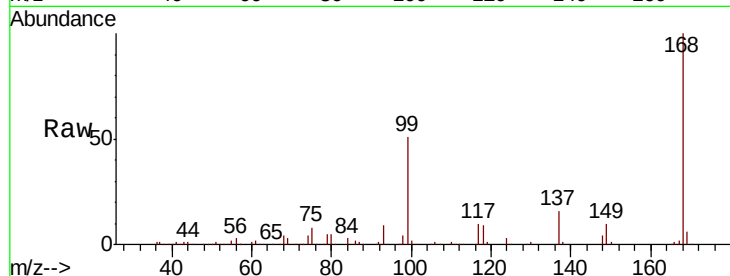
ClientSampleId :

Tot Ion:168 Resp: 202112

Ion Ratio Lower Upper

168 100

99 51.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

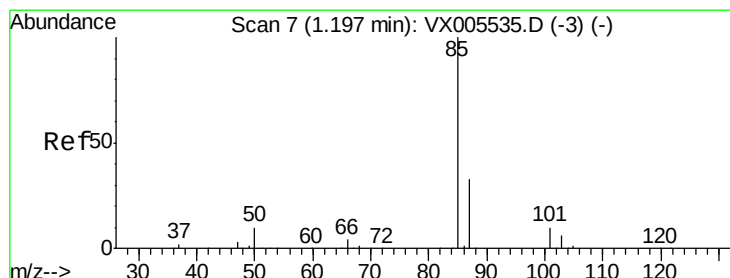
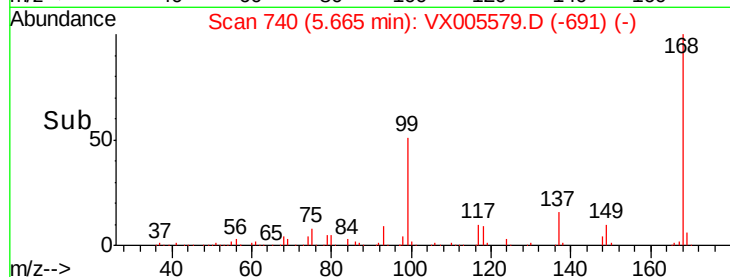
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 36.905 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005579.D

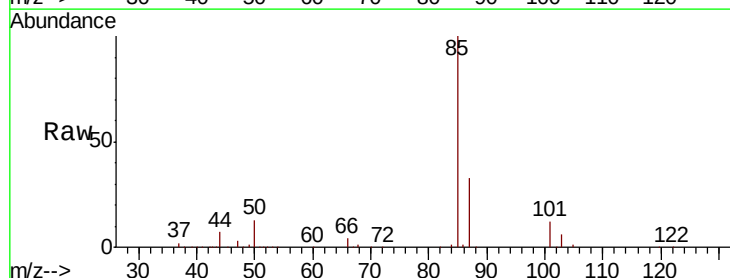
Acq: 25 Oct 2018 08:57

Tgt Ion: 85 Resp: 73623

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

0

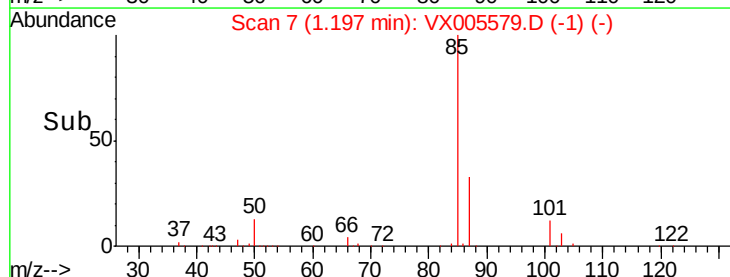
Time-->

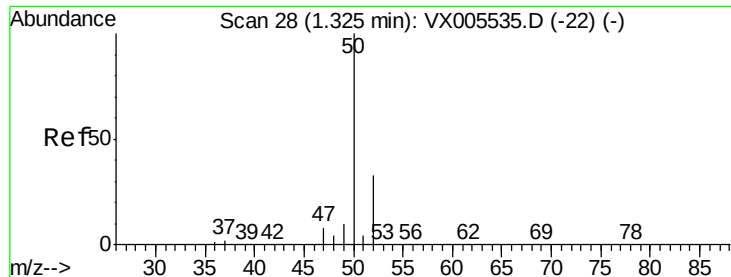
1.15

1.20

1.25

1.30

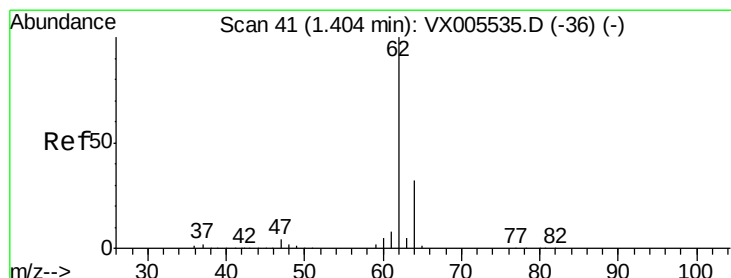
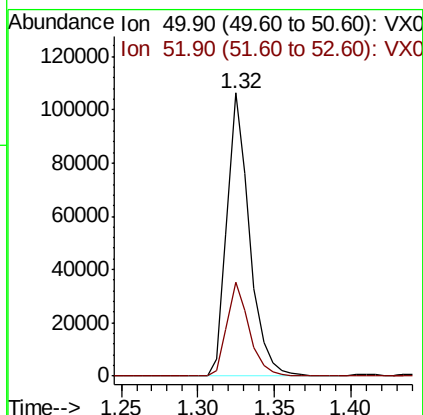
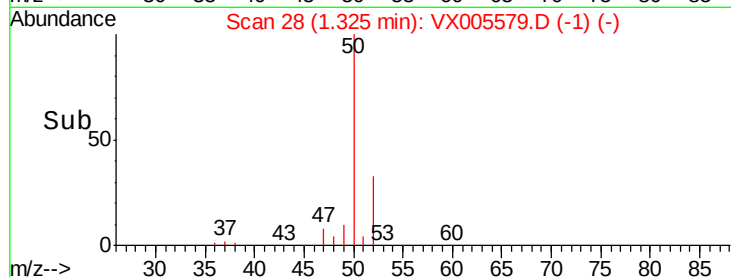
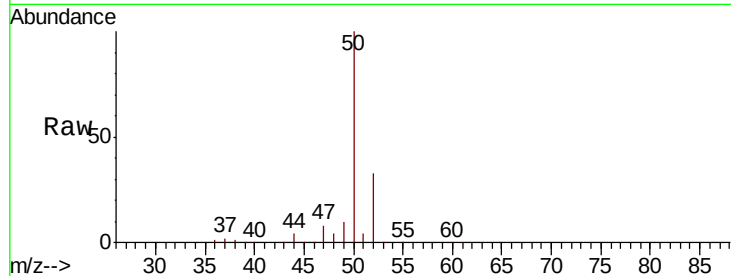




#3
Chloromethane
Concen: 42.880 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

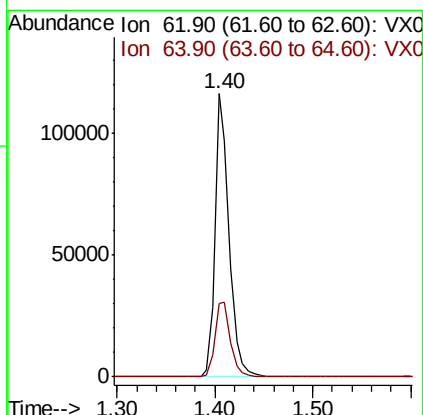
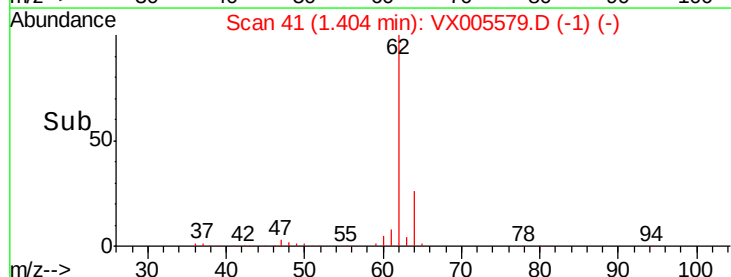
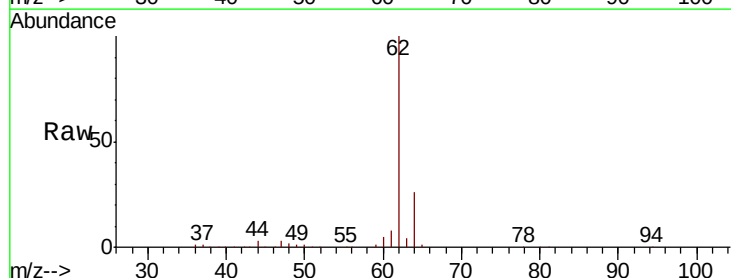
Instrument :
MSVOA_X
ClientSampleId :

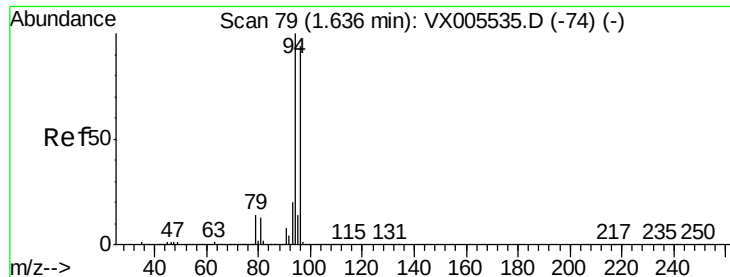
Tot Ion: 50 Resp: 108939
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2



#4
Vinyl Chloride
Concen: 46.090 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion: 62 Resp: 115137
Ion Ratio Lower Upper
62 100
64 25.7 25.3 37.9





#5

Bromomethane

Concen: 40.392 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

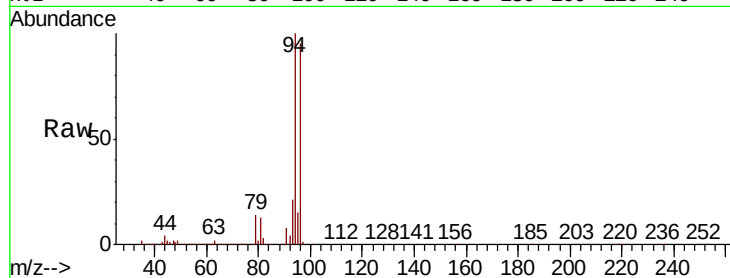
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 62786

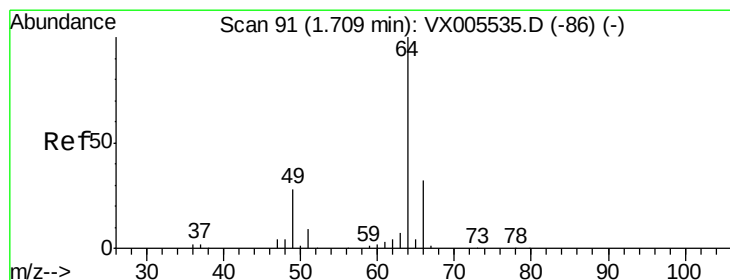
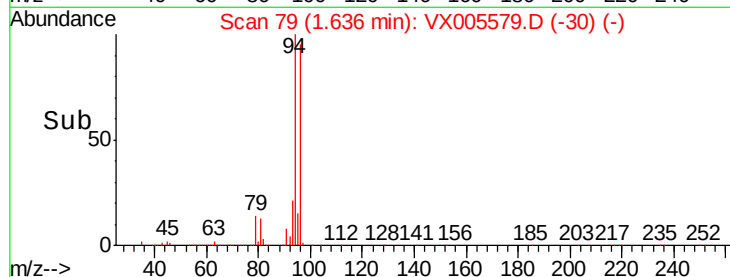
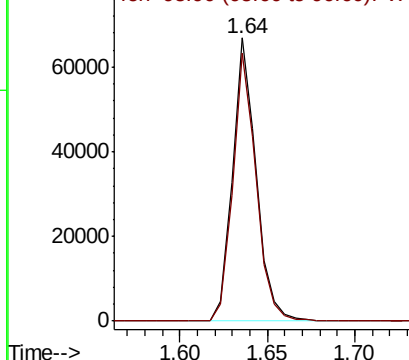
Ion Ratio Lower Upper

94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.410 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005579.D

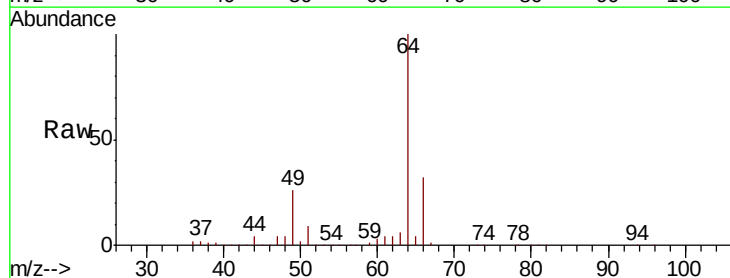
Acq: 25 Oct 2018 08:57

Tgt Ion: 64 Resp: 70871

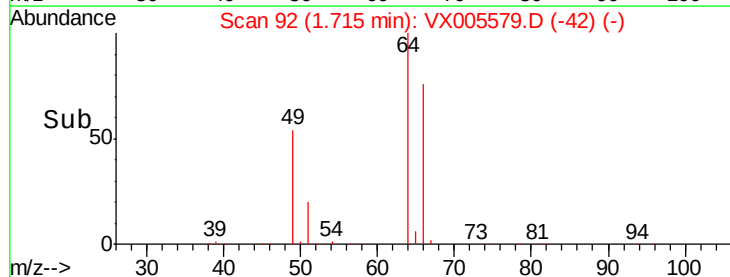
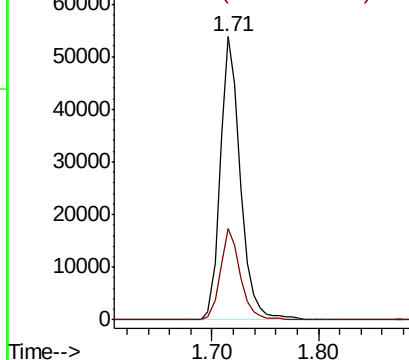
Ion Ratio Lower Upper

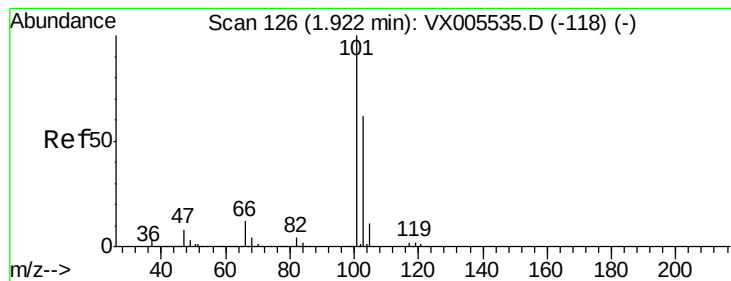
64 100

66 32.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



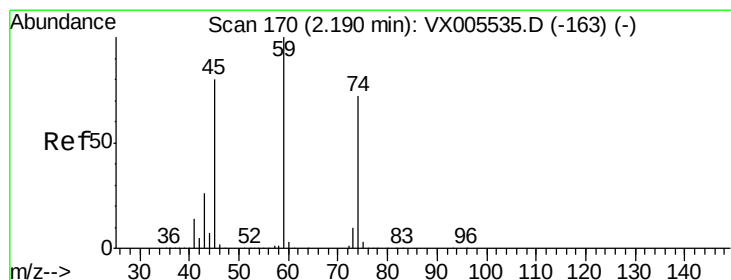
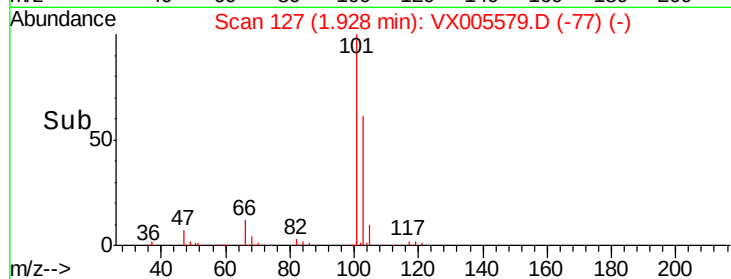
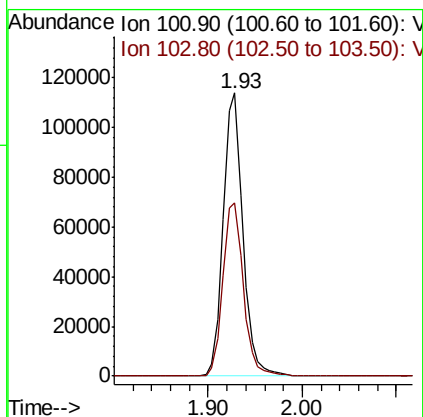
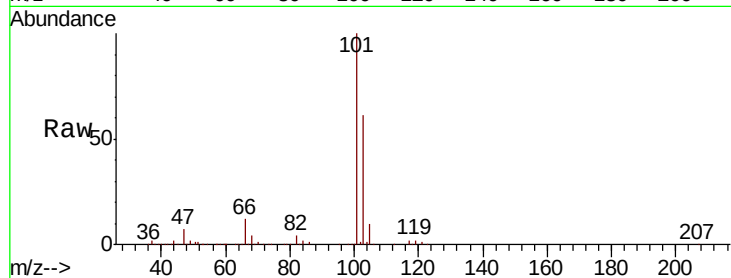


#7

Trichlorofluoromethane
Concen: 47.564 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Instrument :
MSVOA_X
ClientSampleId :

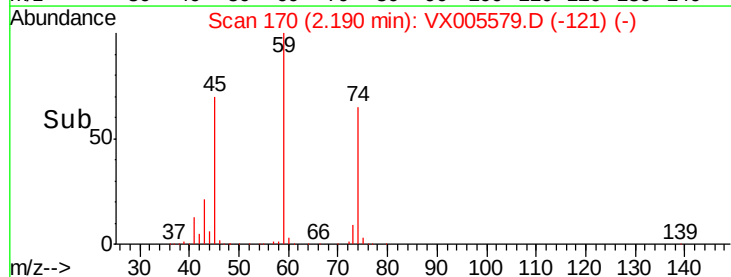
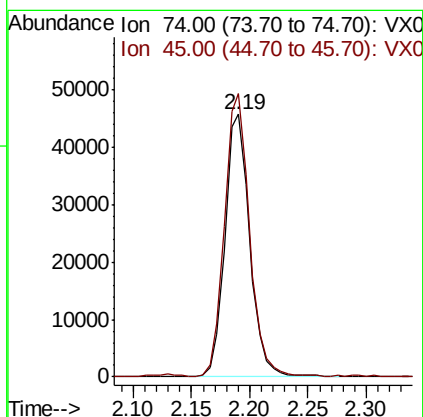
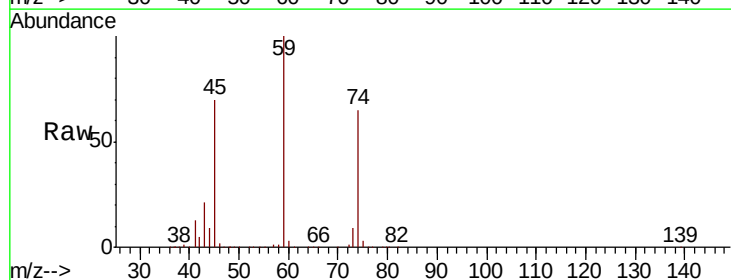
Tot Ion:101 Resp: 165103
Ion Ratio Lower Upper
101 100
103 61.1 50.0 75.0

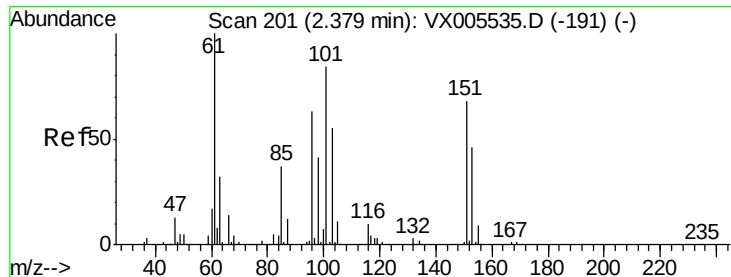


#8

Diethyl Ether
Concen: 48.619 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion: 74 Resp: 67349
Ion Ratio Lower Upper
74 100
45 108.1 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.894 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

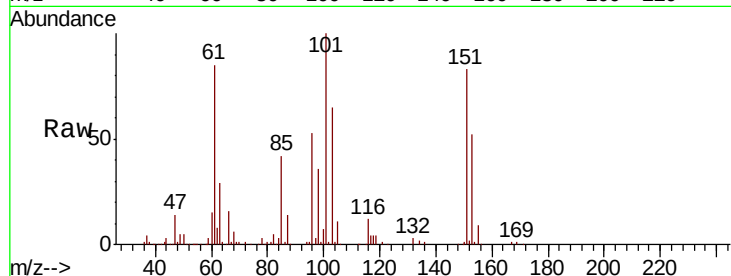
Tot Ion:101 Resp: 93394

Ion Ratio Lower Upper

101 100

85 44.6 35.0 52.4

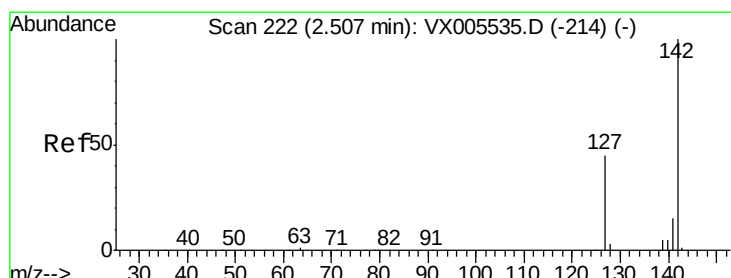
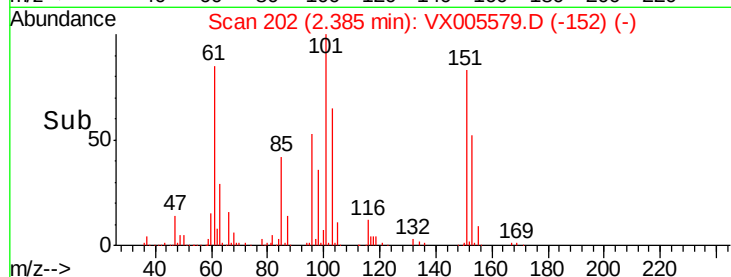
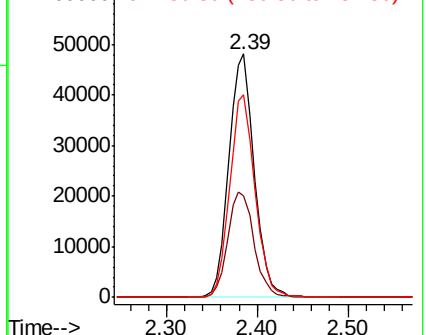
151 83.0 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.422 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

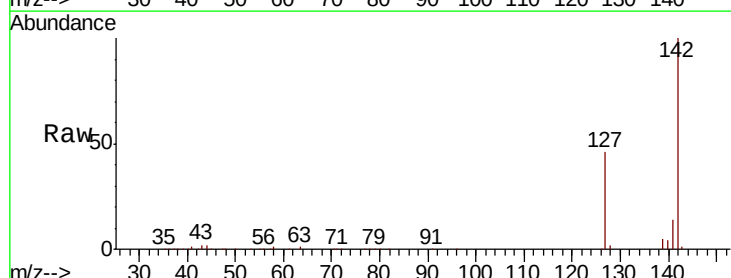
Tgt Ion:142 Resp: 115926

Ion Ratio Lower Upper

142 100

127 42.9 36.0 54.0

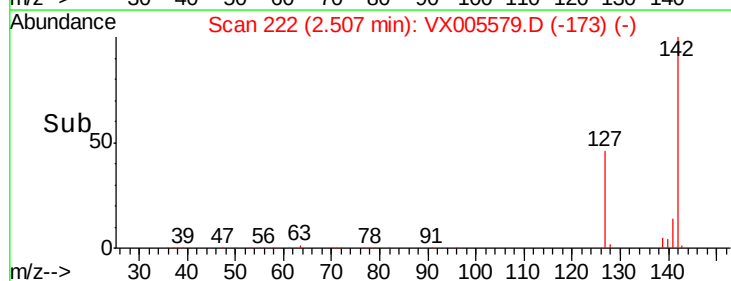
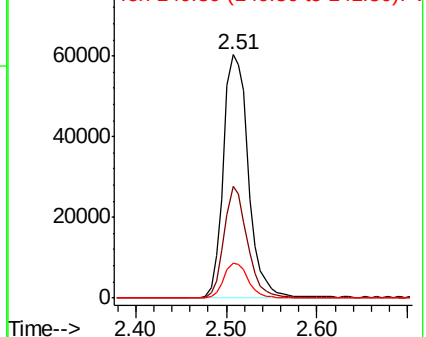
141 14.2 11.7 17.5

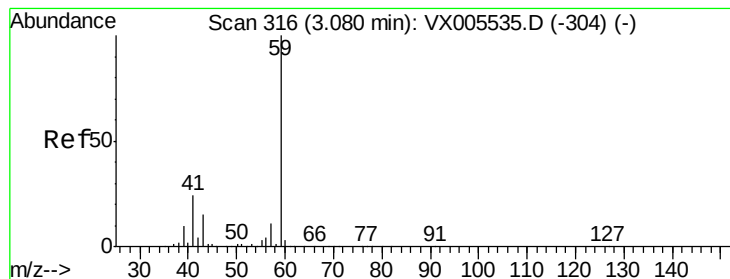


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



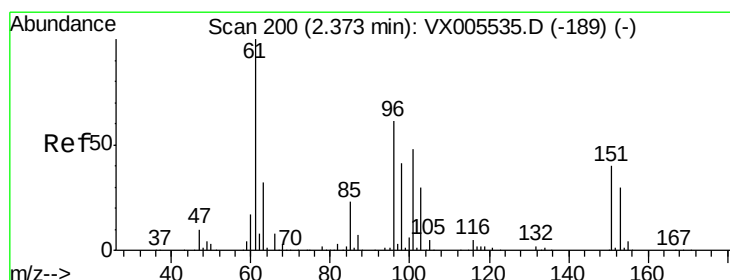
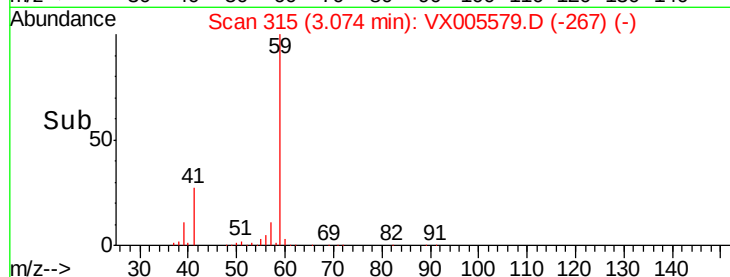
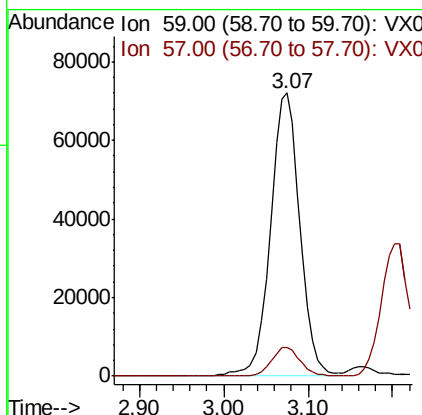
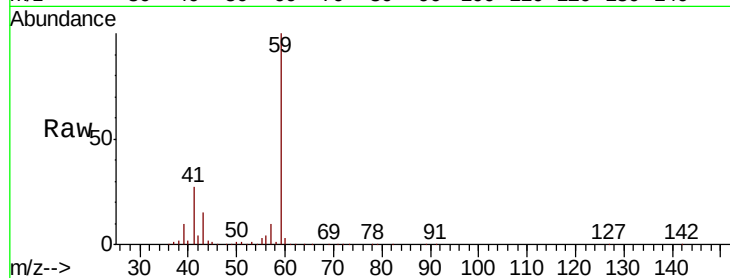


#11

Tert butyl alcohol
 Concen: 261.922 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Instrument :
 MSVOA_X
 ClientSampled :

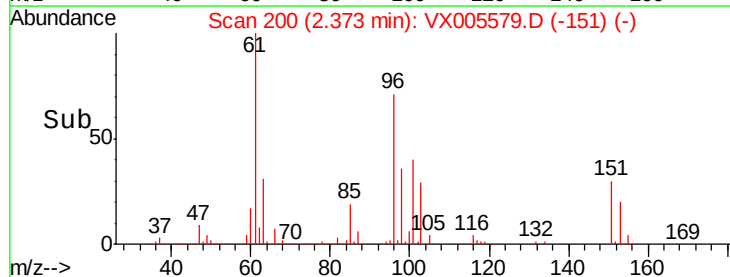
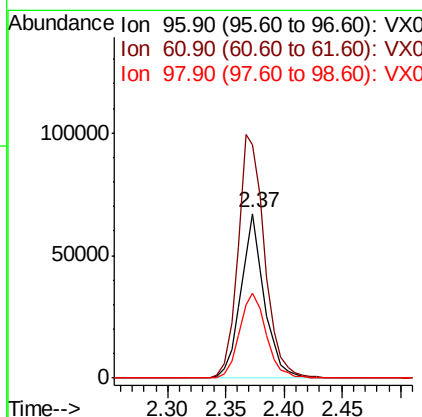
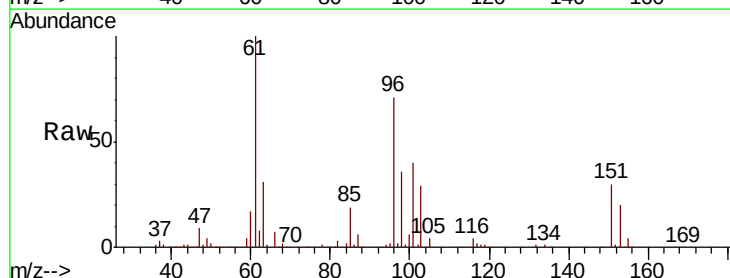
Tot Ion: 59 Resp: 173892
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

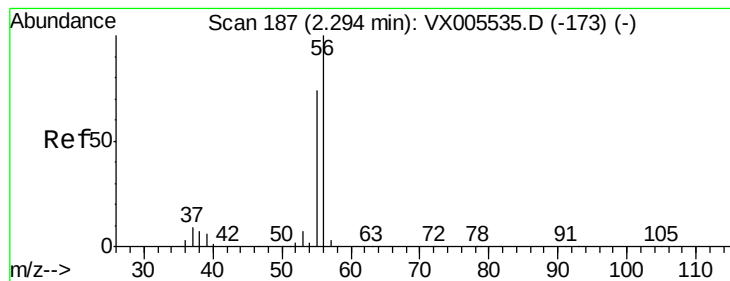


#12

1,1-Dichloroethene
 Concen: 49.588 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion: 96 Resp: 94080
 Ion Ratio Lower Upper
 96 100
 61 141.6 131.8 197.8
 98 51.6 53.4 80.2#





#13

Acrolein

Concen: 222.226 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

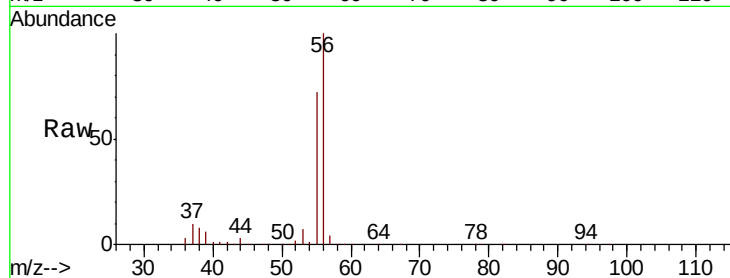
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 75260

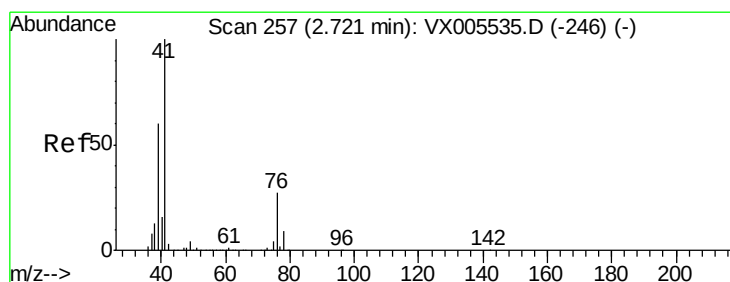
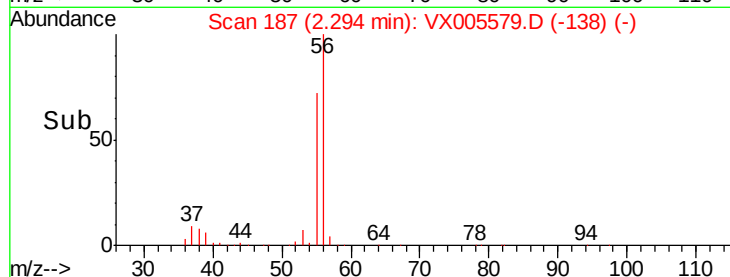
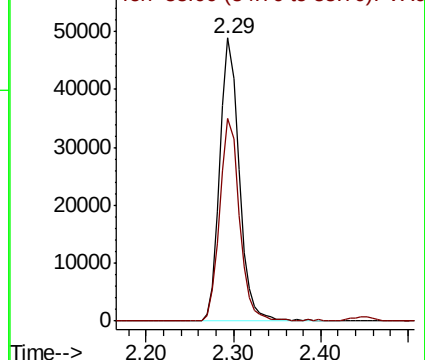
Ion Ratio Lower Upper

56 100

55 71.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.416 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

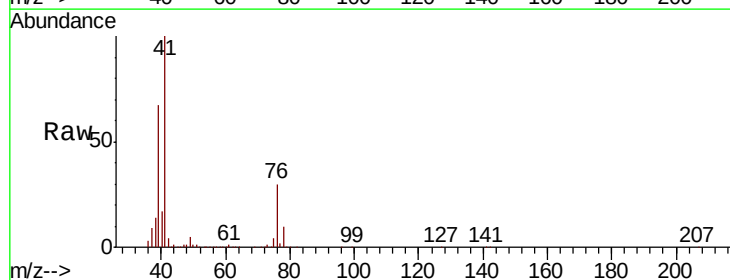
Tgt Ion: 41 Resp: 196535

Ion Ratio Lower Upper

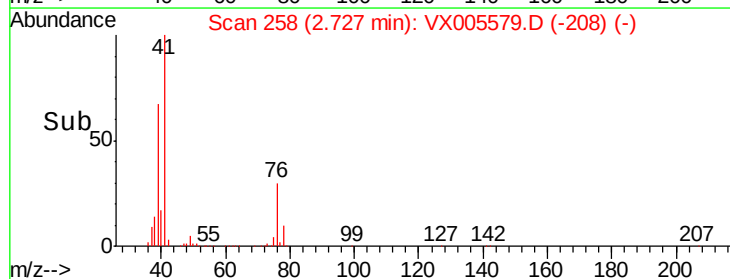
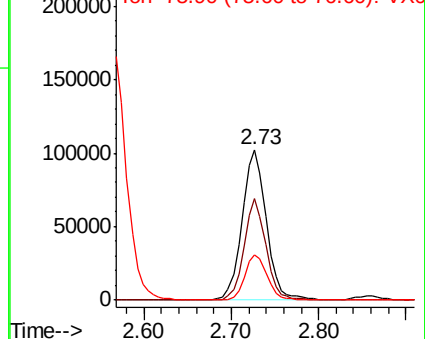
41 100

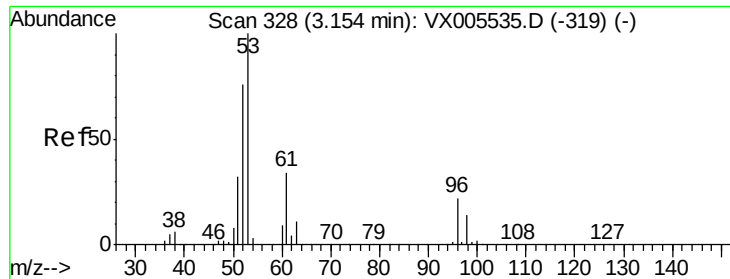
39 60.3 48.2 72.4

76 28.2 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 247.884 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

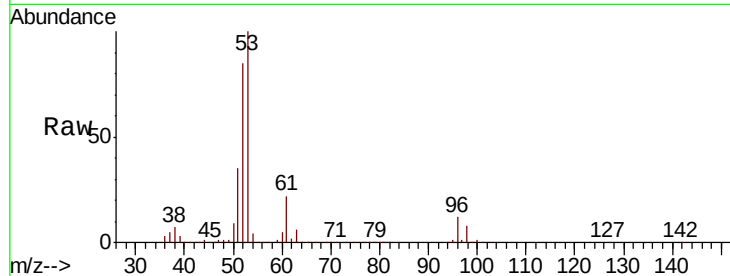
Tot Ion: 53 Resp: 369033

Ion Ratio Lower Upper

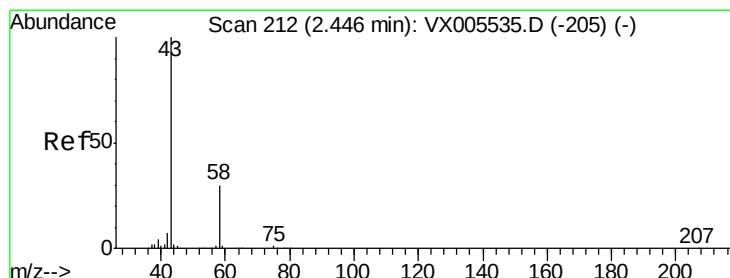
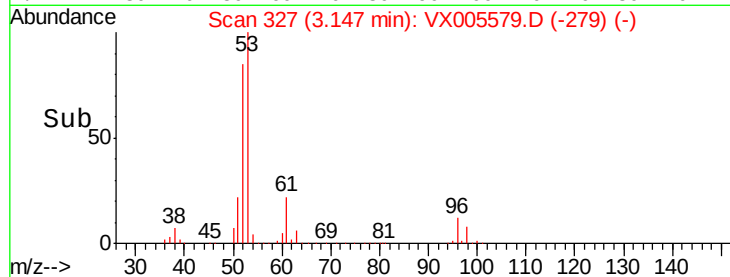
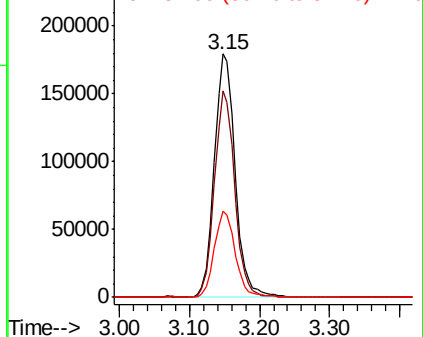
53 100

52 82.7 66.6 99.8

51 35.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 260.694 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005579.D

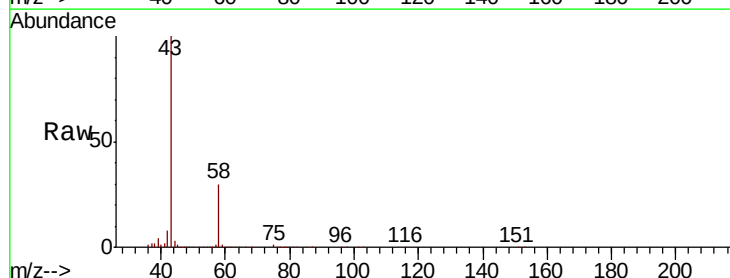
Acq: 25 Oct 2018 08:57

Tgt Ion: 43 Resp: 339862

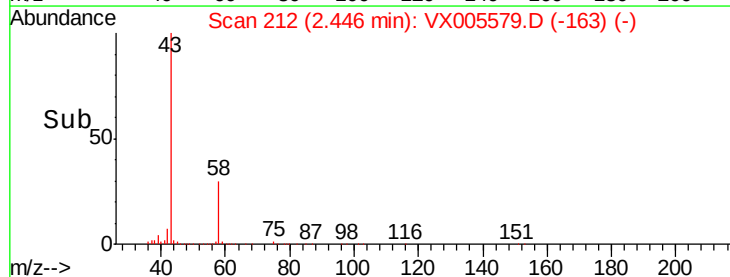
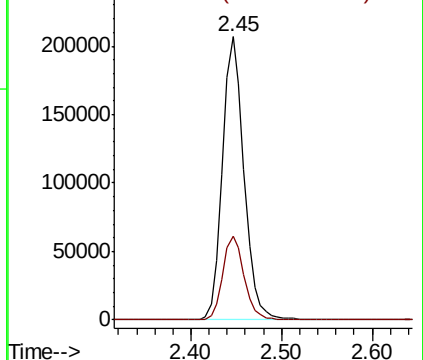
Ion Ratio Lower Upper

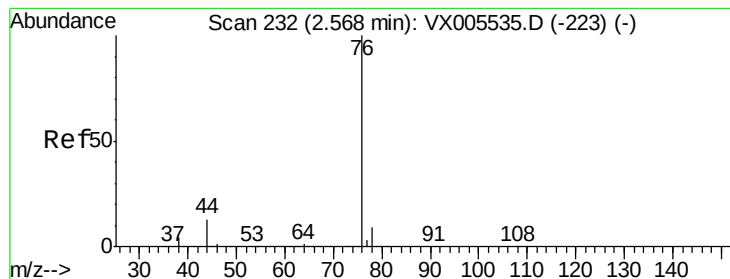
43 100

58 29.7 23.8 35.6



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





#17

Carbon Disulfide

Concen: 45.910 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

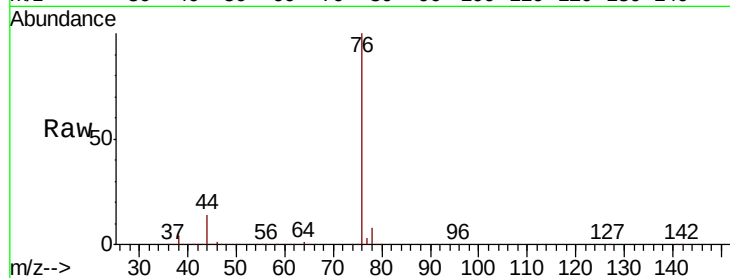
ClientSampleId :

Tot Ion: 76 Resp: 265515

Ion Ratio Lower Upper

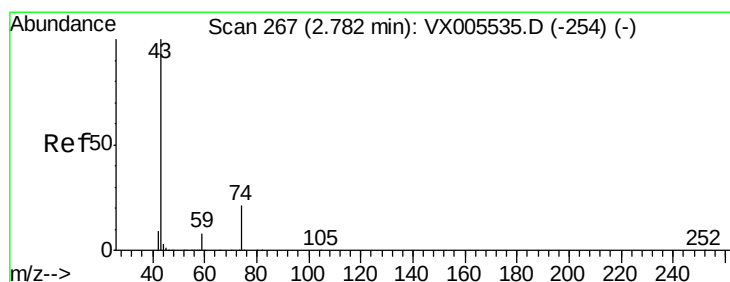
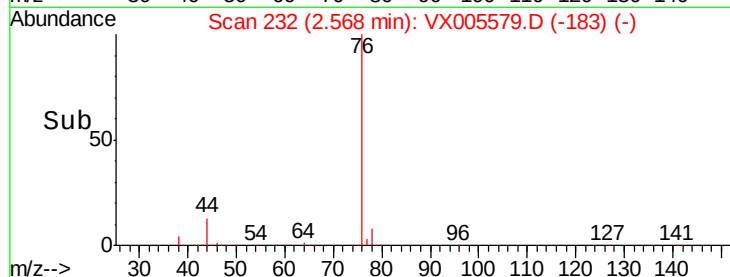
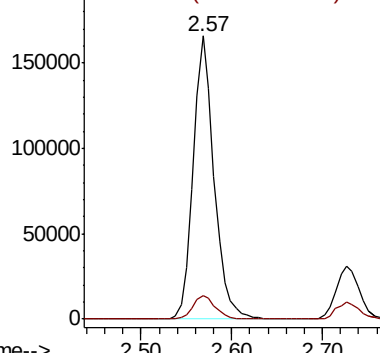
76 100

78 8.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.419 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005579.D

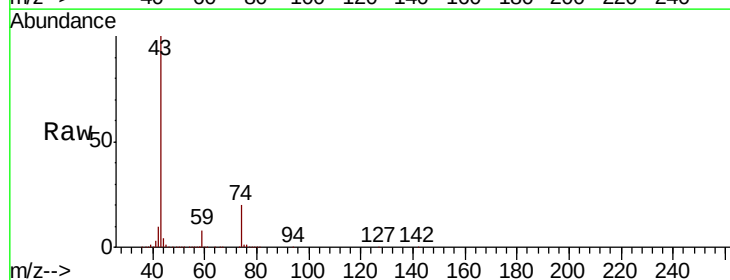
Acq: 25 Oct 2018 08:57

Tgt Ion: 43 Resp: 181100

Ion Ratio Lower Upper

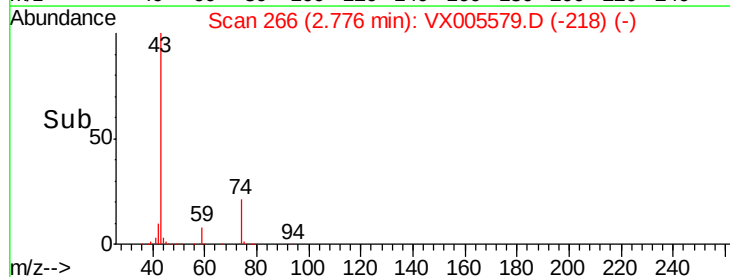
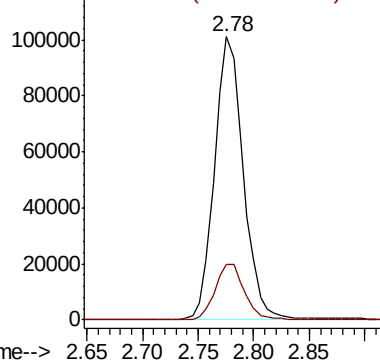
43 100

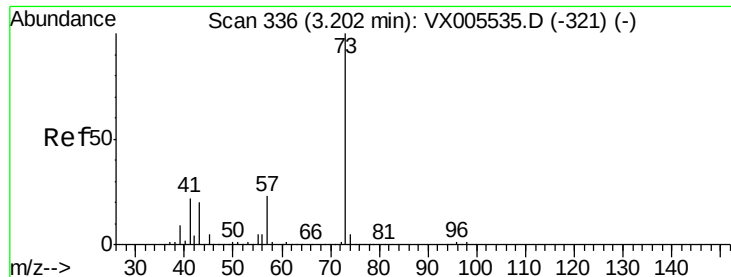
74 20.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

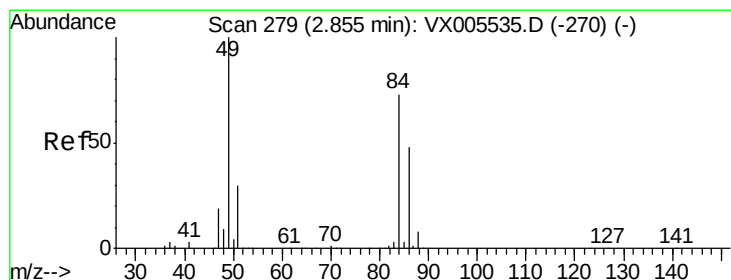
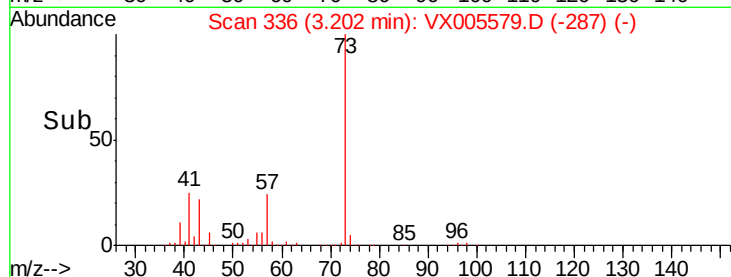
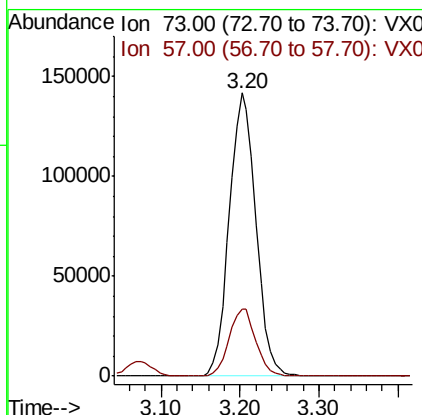
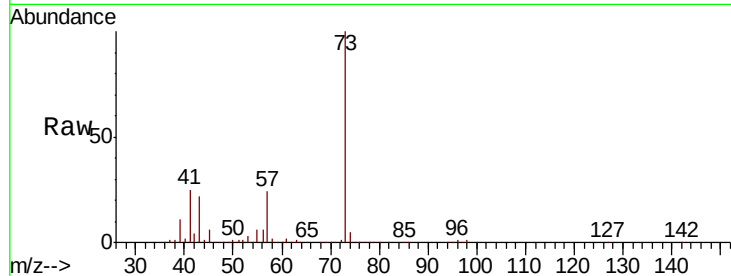




#19
Methyl tert-butyl Ether
Concen: 49.154 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

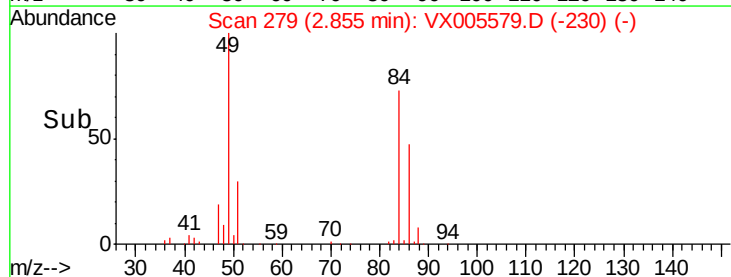
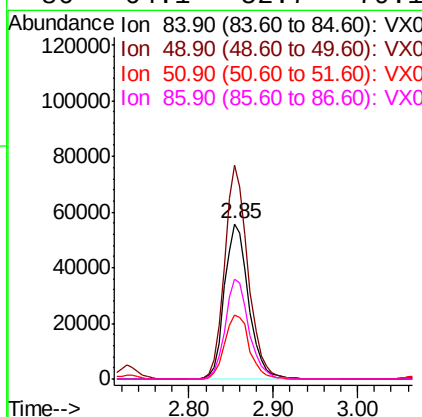
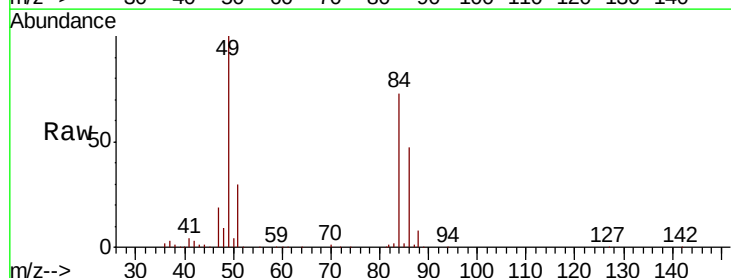
Instrument :
MSVOA_X
ClientSampleId :

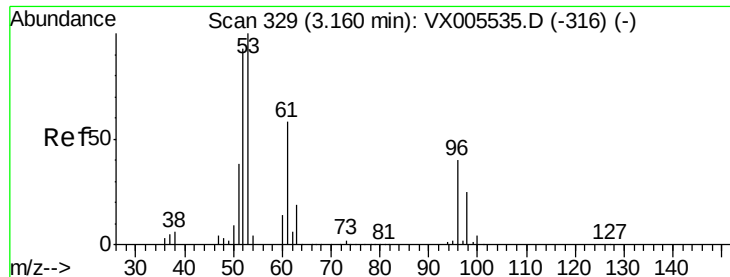
Tot Ion: 73 Resp: 332660
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2



#20
Methylene Chloride
Concen: 49.965 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion: 84 Resp: 109096
Ion Ratio Lower Upper
84 100
49 137.6 109.5 164.3
51 41.3 33.3 49.9
86 64.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.387 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :
MSVOA_X
ClientSampled :

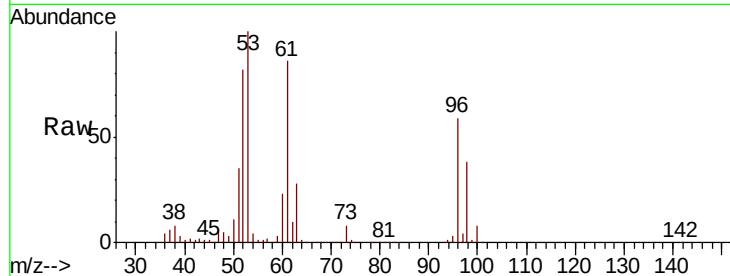
Tot Ion: 96 Resp: 100232

Ion Ratio Lower Upper

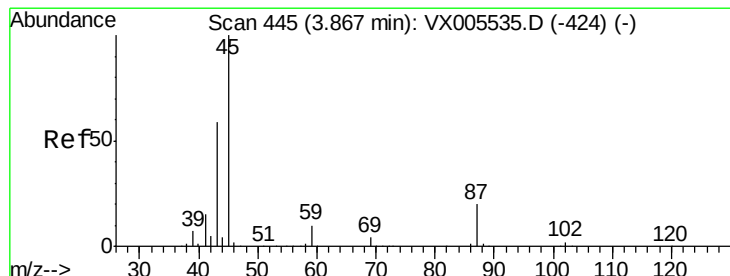
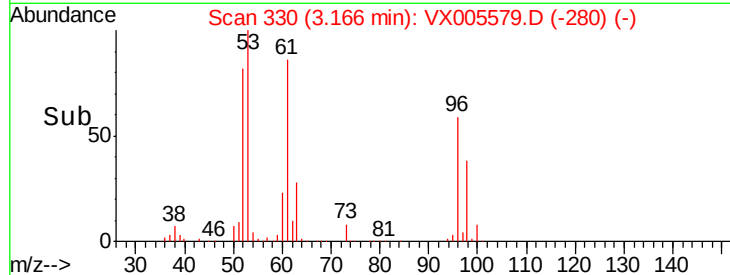
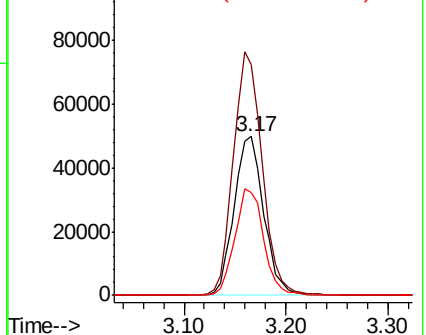
96 100

61 145.5 115.6 173.4

98 65.0 50.2 75.2



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



#22

Diisopropyl ether

Concen: 47.395 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Tgt Ion: 45 Resp: 350447

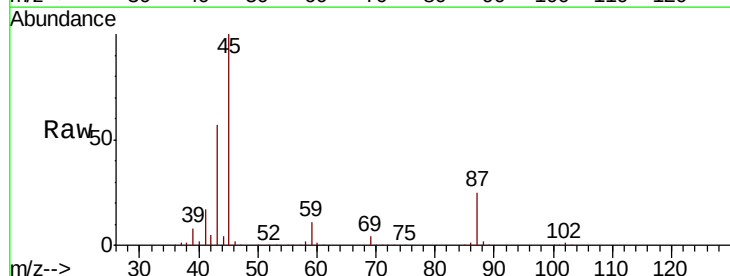
Ion Ratio Lower Upper

45 100

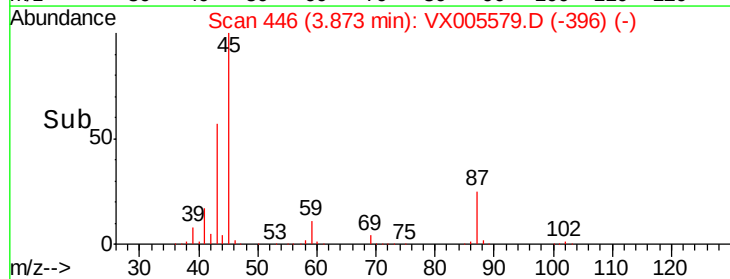
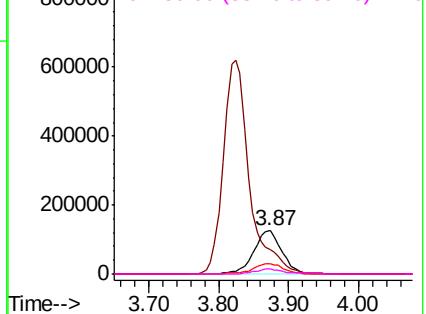
43 56.9 47.4 71.2

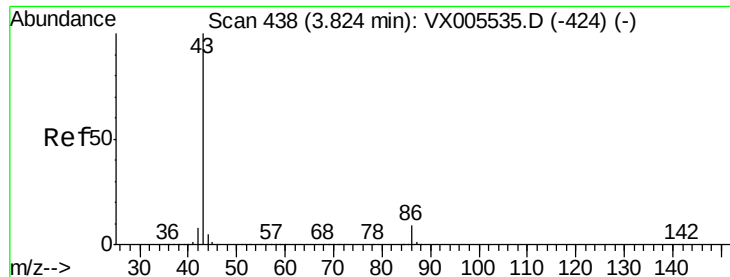
87 24.8 15.9 23.9#

59 11.0 7.7 11.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.766 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

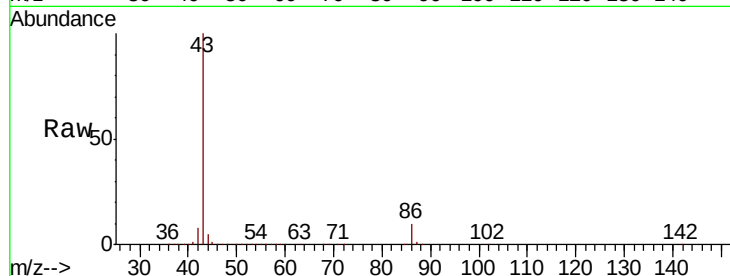
ClientSampleId :

Tot Ion: 43 Resp: 1606971

Ion Ratio Lower Upper

43 100

86 10.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-424) (-)

Ion 86.00 (85.70 to 86.70): VX005535.D (-424) (-)

3.82

600000

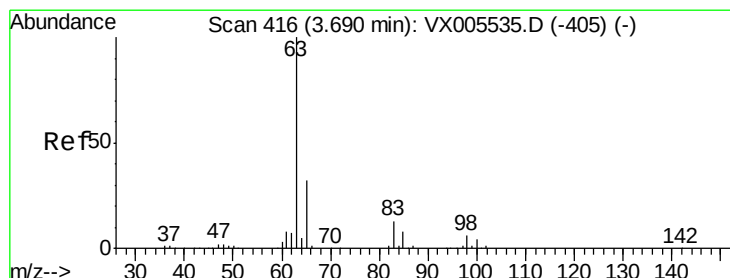
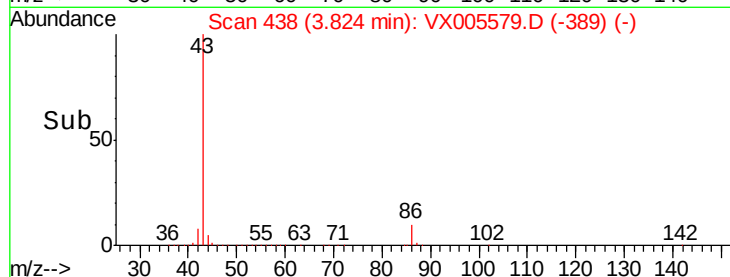
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.845 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

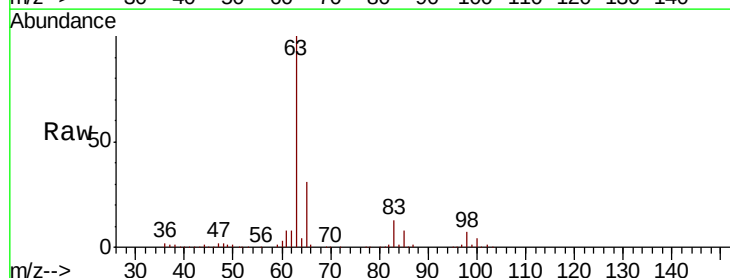
Tgt Ion: 63 Resp: 196360

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005535.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005535.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005535.D (-405) (-)

3.70

100000

80000

60000

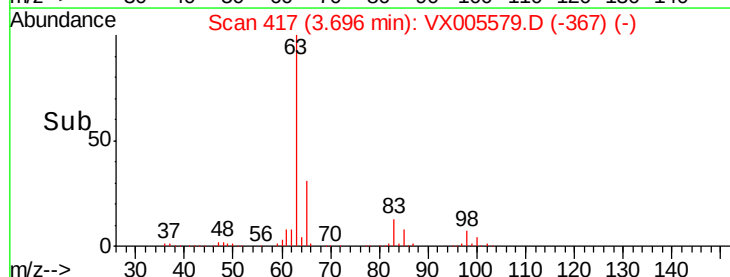
40000

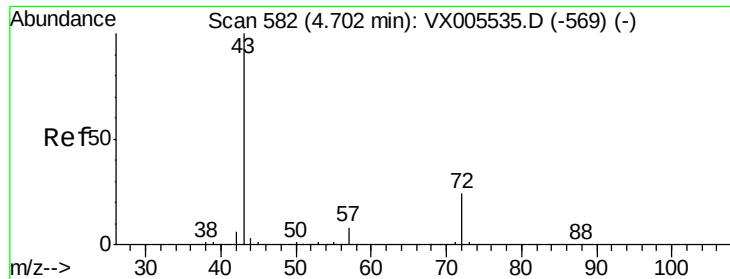
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 261.565 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

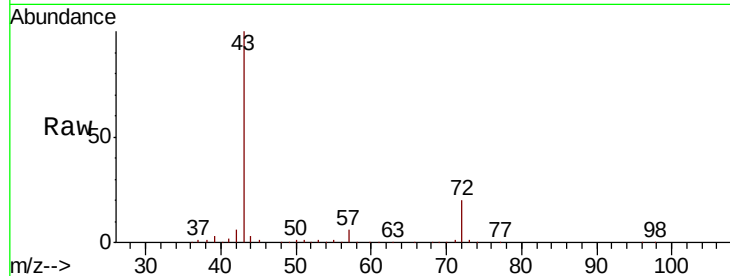
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 519272

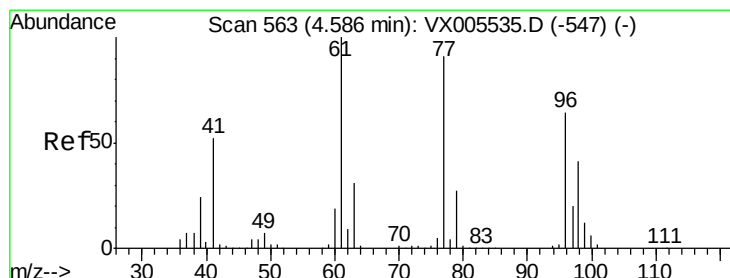
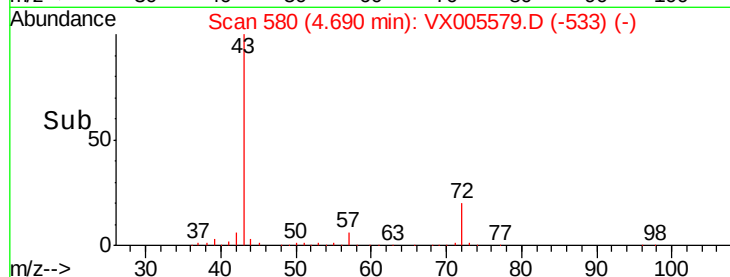
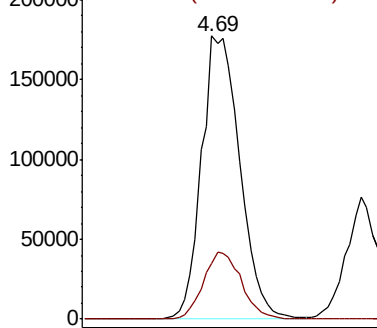
Ion Ratio Lower Upper

43 100

72 19.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 30.173 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005579.D

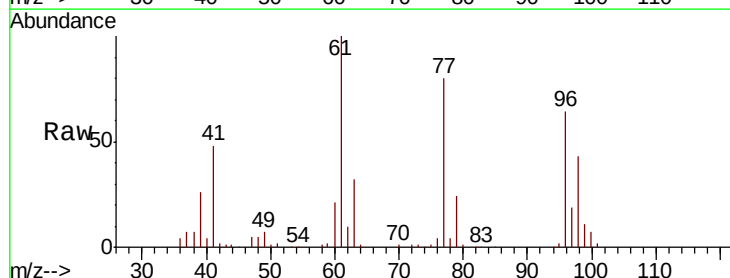
Acq: 25 Oct 2018 08:57

Tgt Ion: 77 Resp: 93648

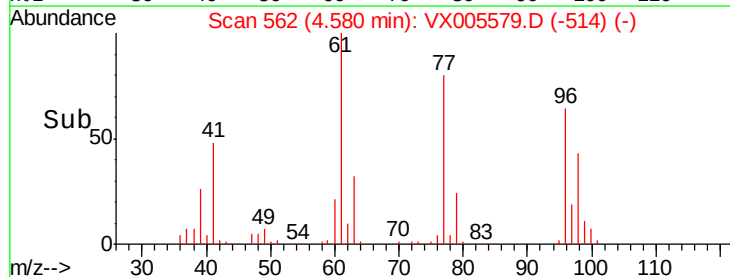
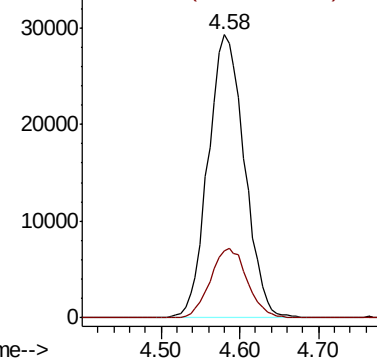
Ion Ratio Lower Upper

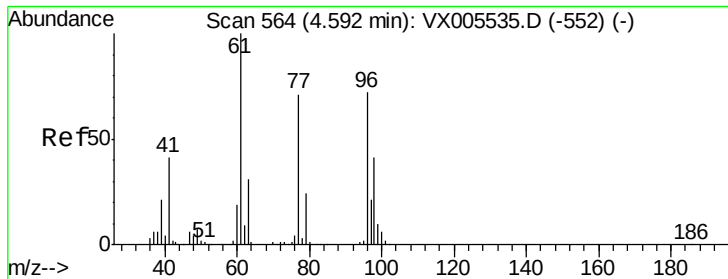
77 100

97 24.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



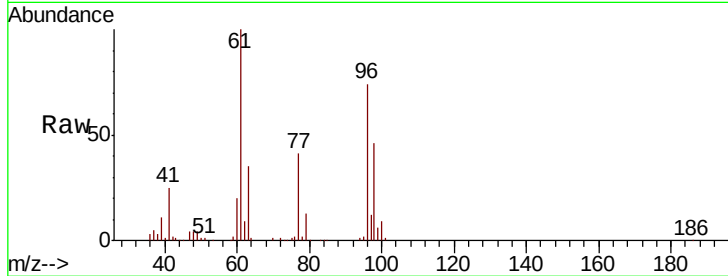


#27

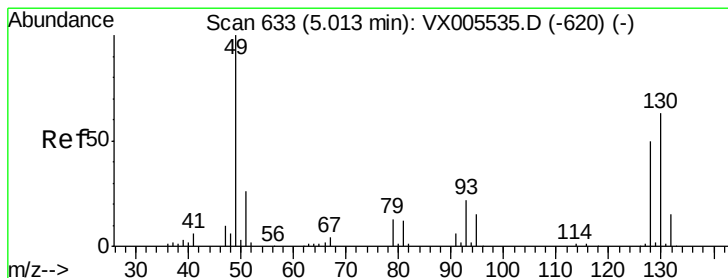
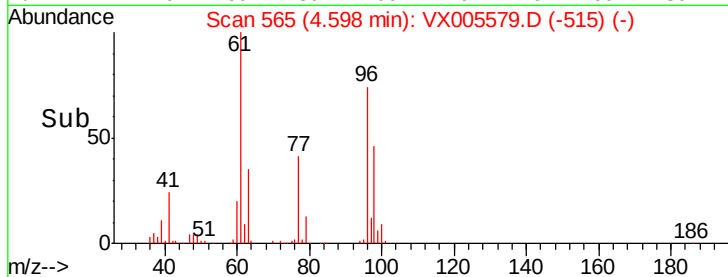
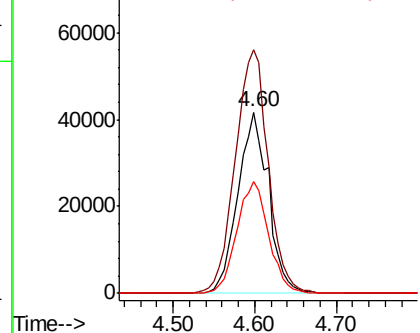
cis-1,2-Dichloroethene
 Concen: 48.574 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 108476
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 304.6
 98 63.6 0.0 127.4



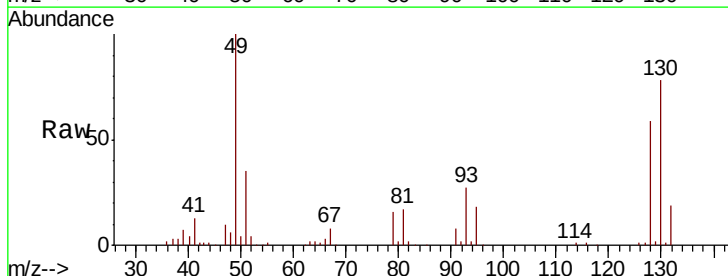
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



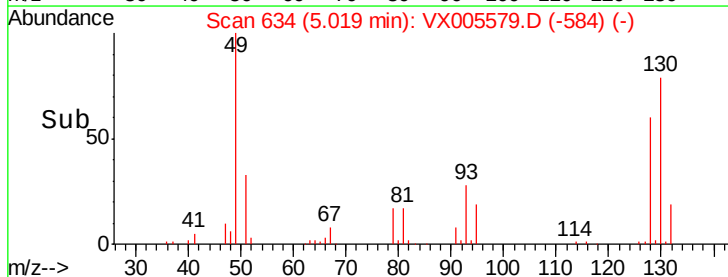
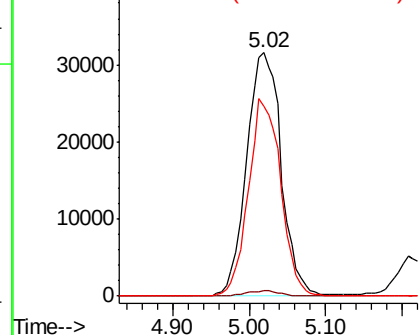
#28

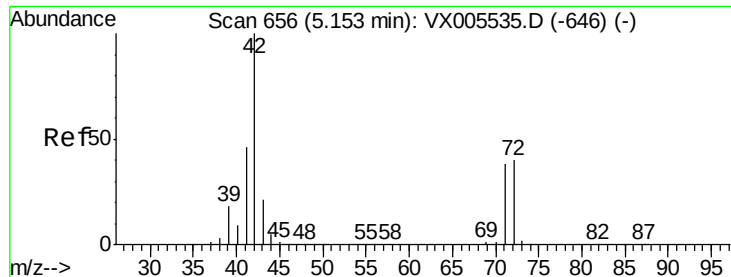
Bromochloromethane
 Concen: 51.178 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion: 49 Resp: 99508
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 75.6 58.9 88.3



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





#29

Tetrahydrofuran

Concen: 264.946 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

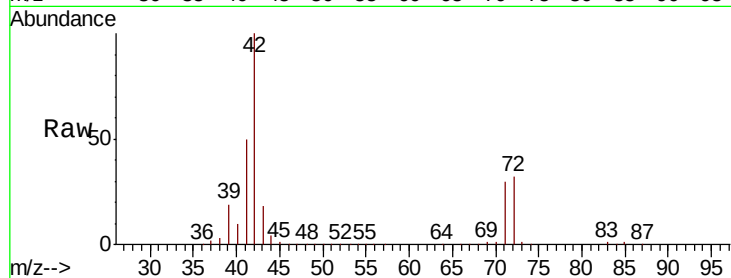
Tot Ion: 42 Resp: 342298

Ion Ratio Lower Upper

42 100

72 40.5 32.0 48.0

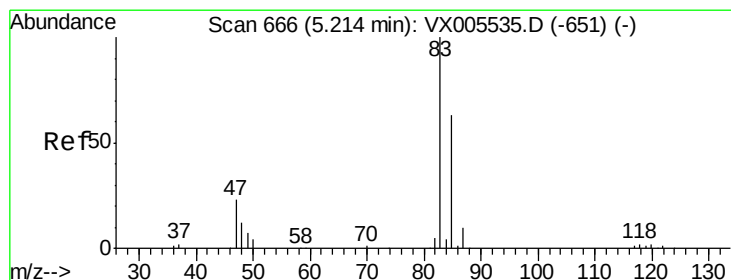
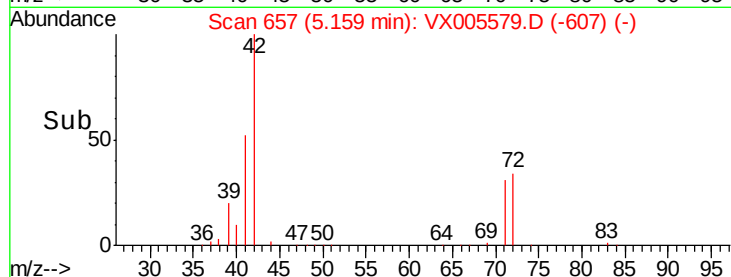
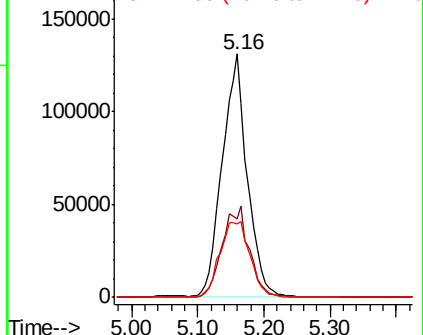
71 37.5 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.372 ug/l

RT: 5.23 min Scan# 668

Delta R.T. 0.01 min

Lab File: VX005579.D

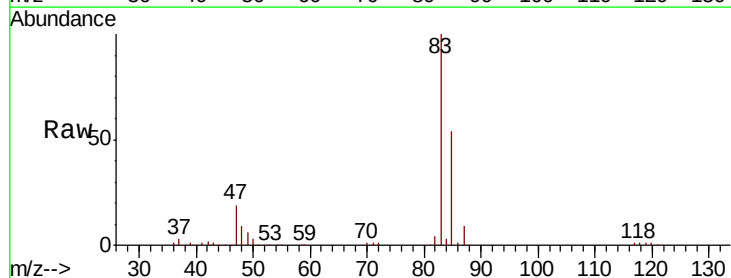
Acq: 25 Oct 2018 08:57

Tgt Ion: 83 Resp: 193180

Ion Ratio Lower Upper

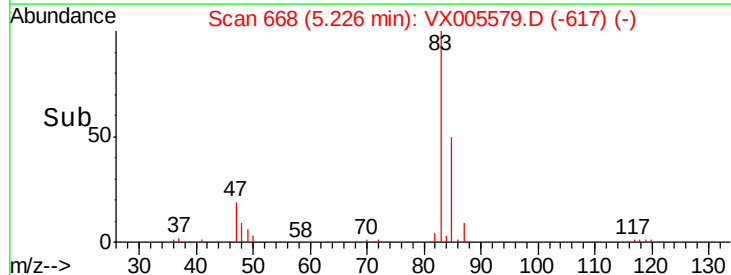
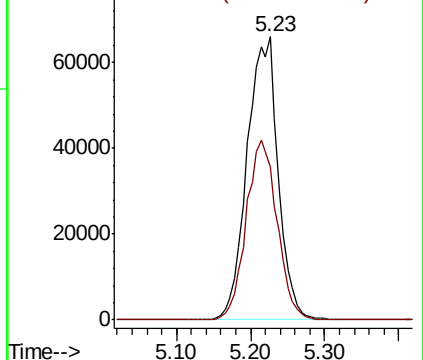
83 100

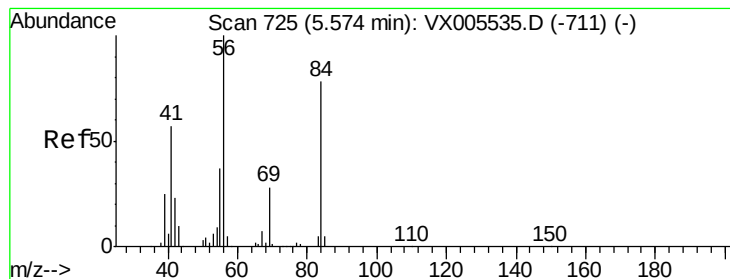
85 54.0 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.789 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

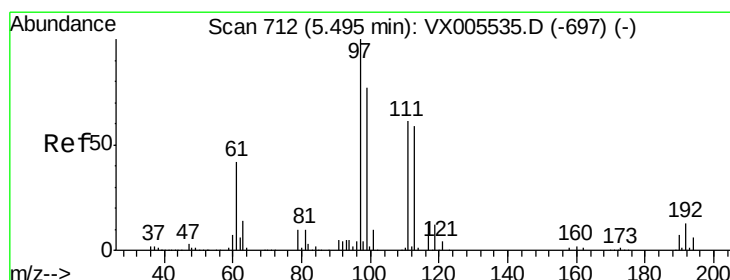
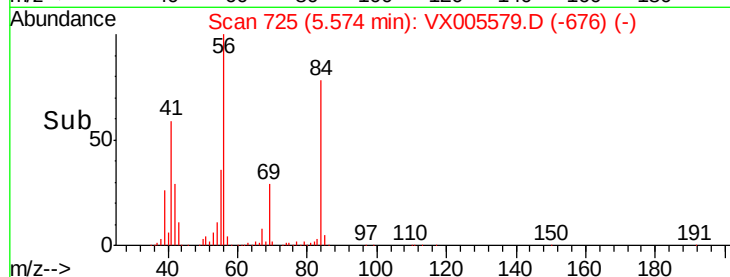
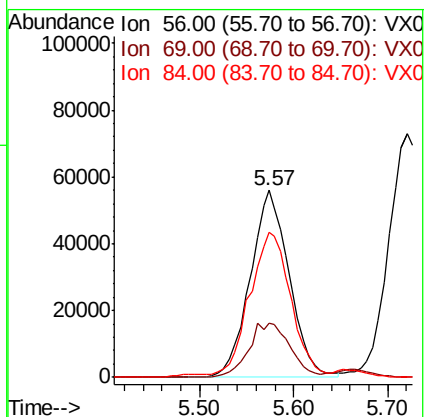
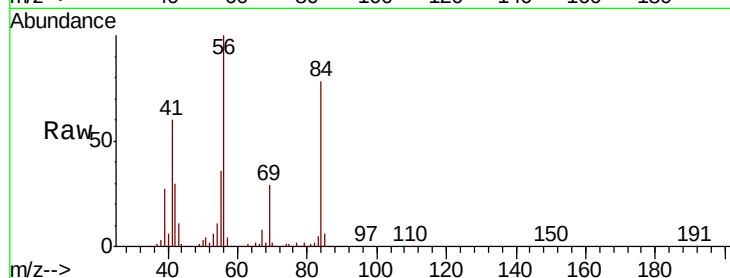
Tot Ion: 56 Resp: 162282

Ion Ratio Lower Upper

56 100

69 29.0 22.6 34.0

84 76.4 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 48.435 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

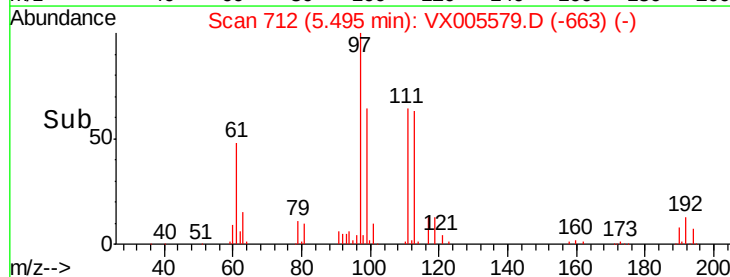
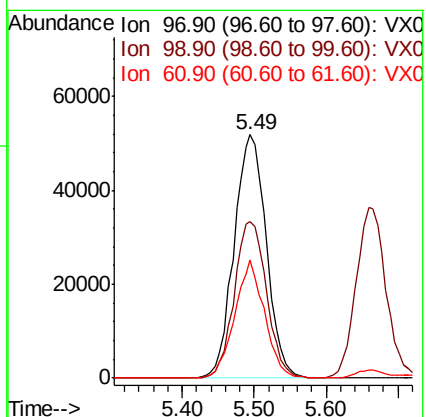
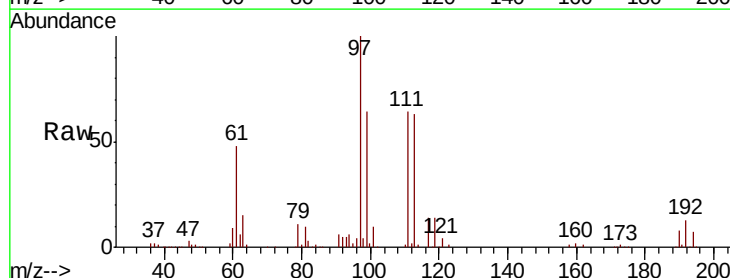
Tgt Ion: 97 Resp: 160752

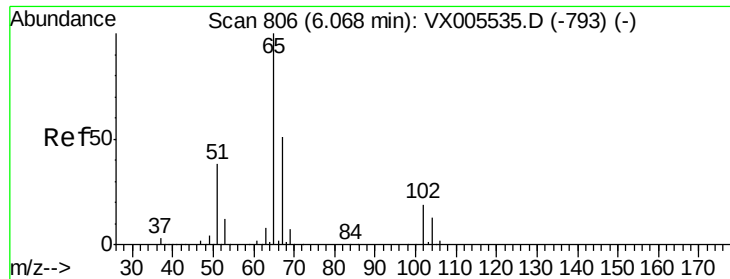
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

61 44.8 35.2 52.8

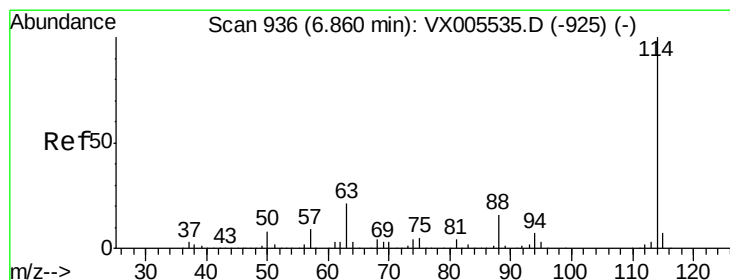
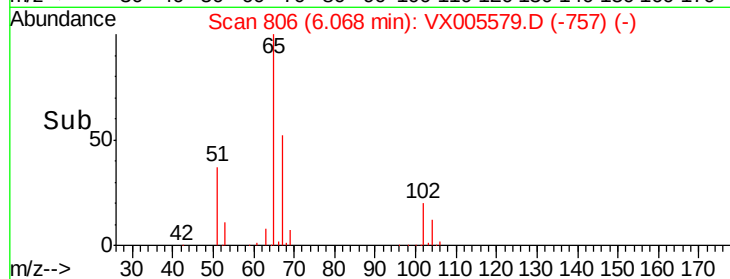
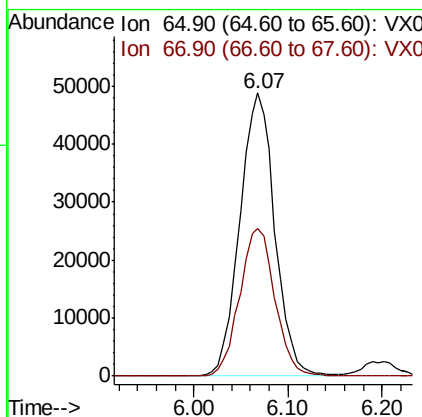
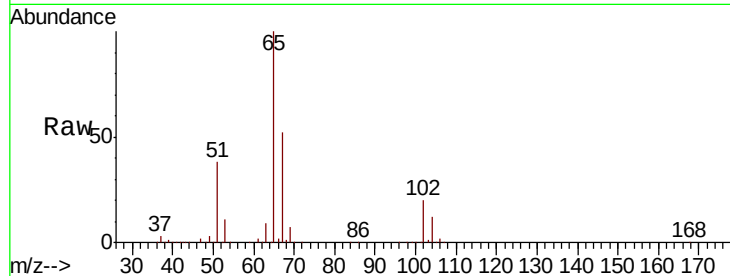




#33
 1,2-Dichloroethane-d4
 Concen: 51.397 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

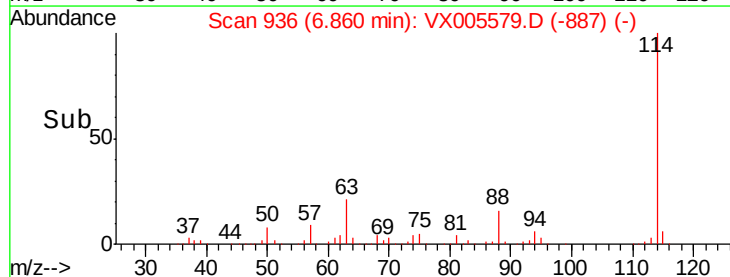
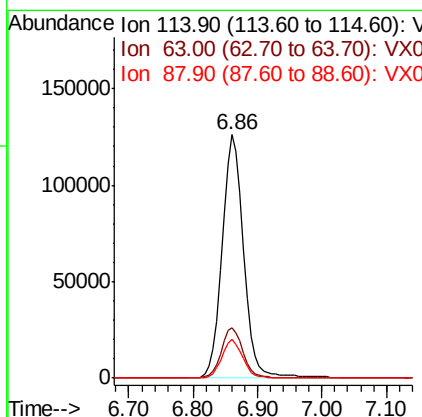
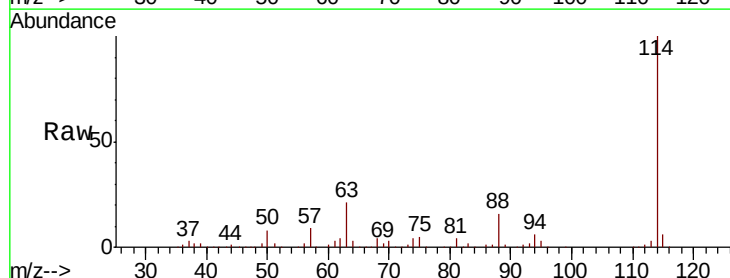
Instrument :
 MSVOA_X
 ClientSampled :

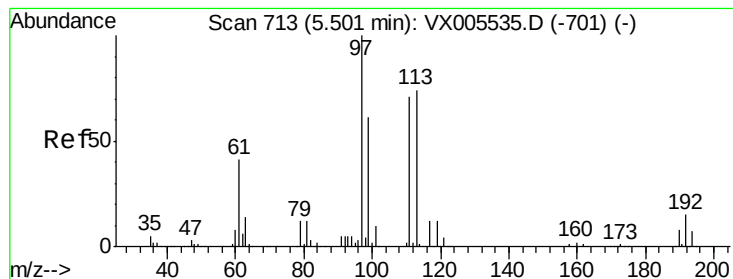
Tot Ion: 65 Resp: 126806
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion: 114 Resp: 299491
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.785 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

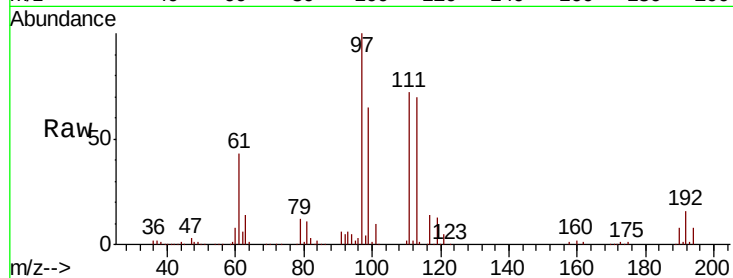
Tot Ion:113 Resp: 98932

Ion Ratio Lower Upper

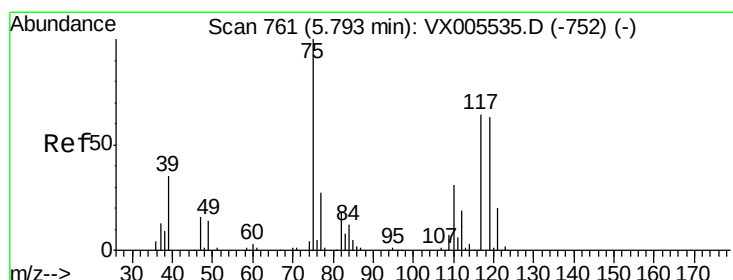
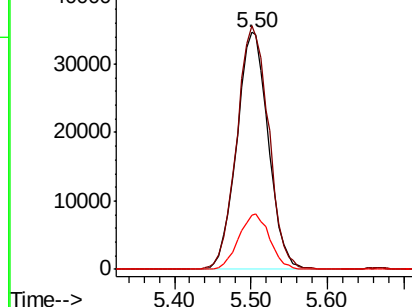
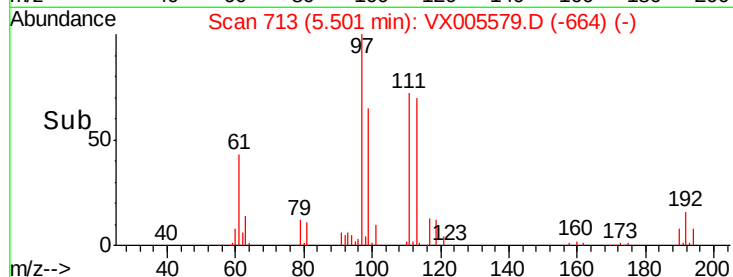
113 100

111 103.8 82.3 123.5

192 23.1 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.202 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

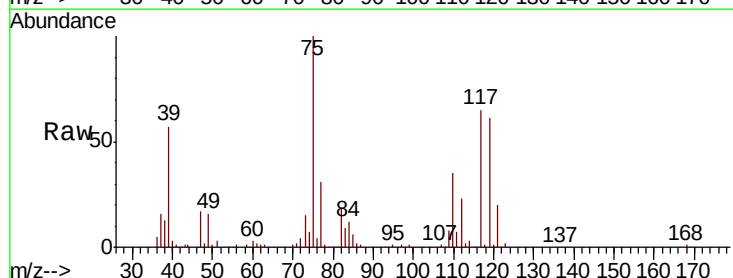
Tgt Ion: 75 Resp: 143001

Ion Ratio Lower Upper

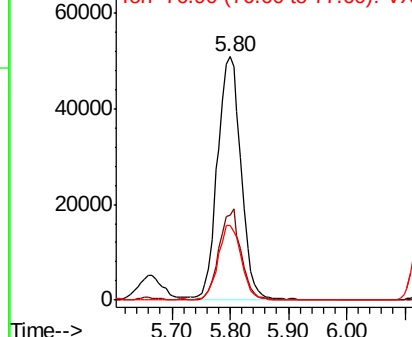
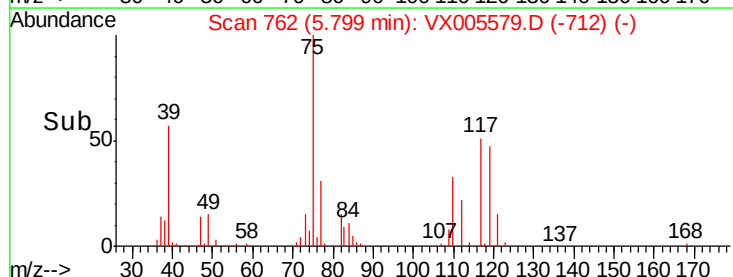
75 100

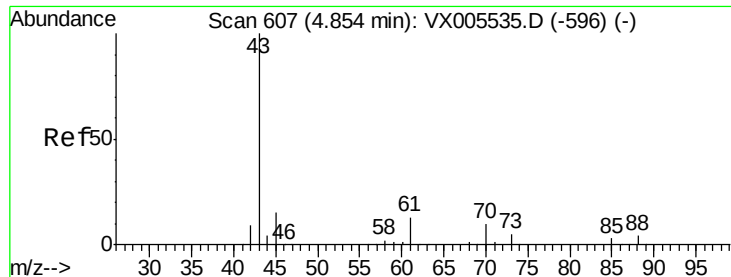
110 34.6 17.4 52.2

77 30.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.588 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampled :

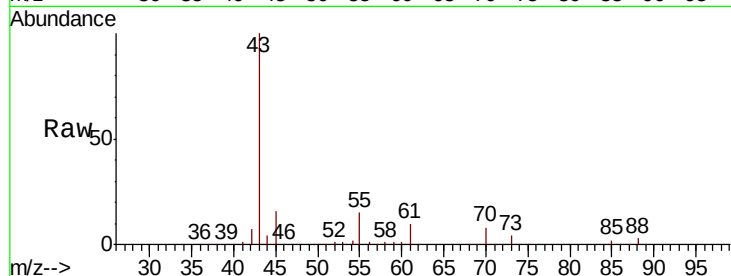
Tot Ion: 43 Resp: 198750

Ion Ratio Lower Upper

43 100

61 12.6 10.8 16.2

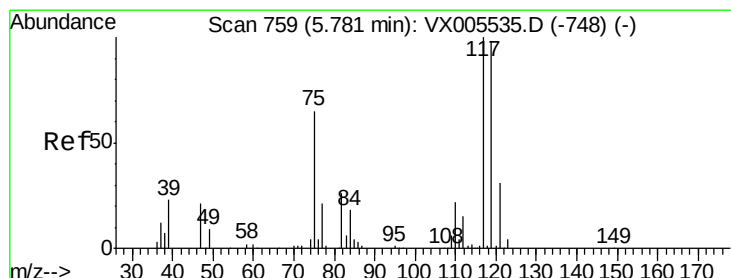
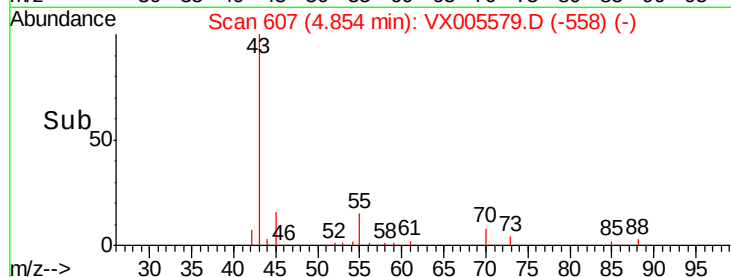
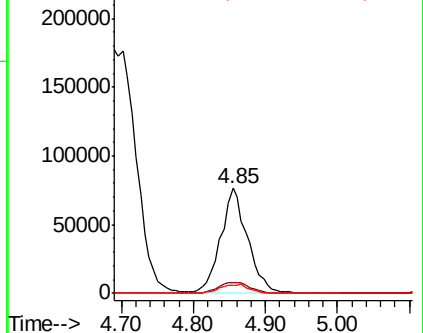
70 9.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.206 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

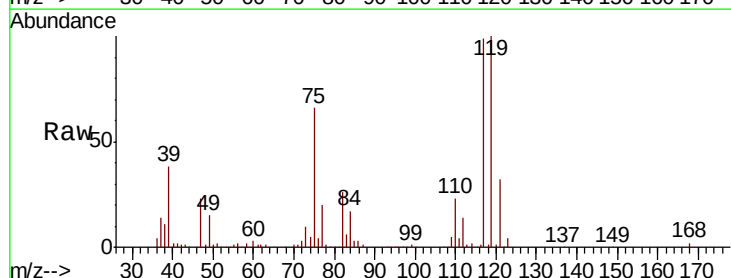
Tgt Ion: 117 Resp: 144506

Ion Ratio Lower Upper

117 100

119 100.7 78.1 117.1

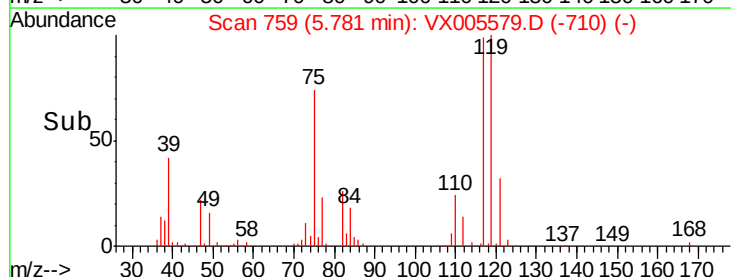
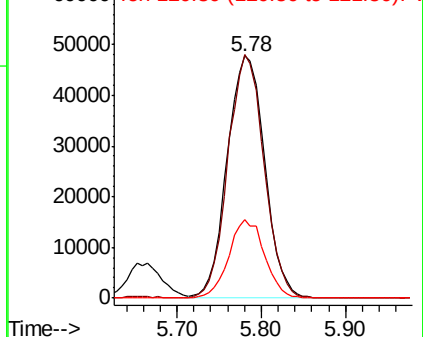
121 32.4 24.6 36.8

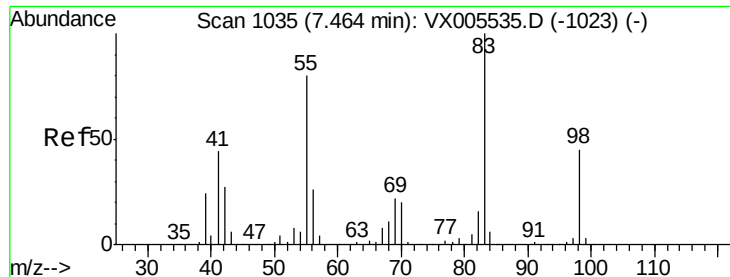


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

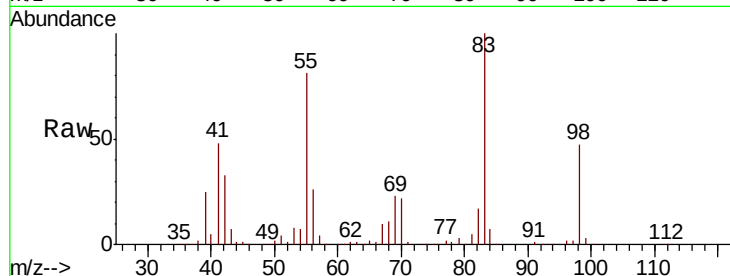




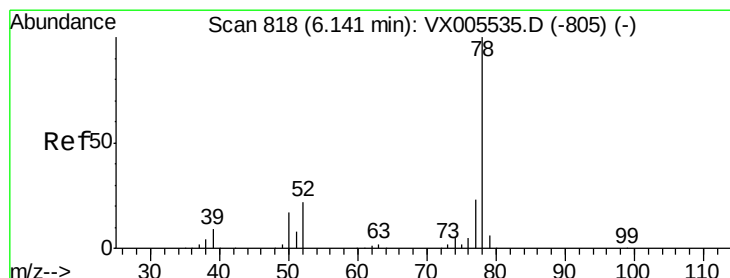
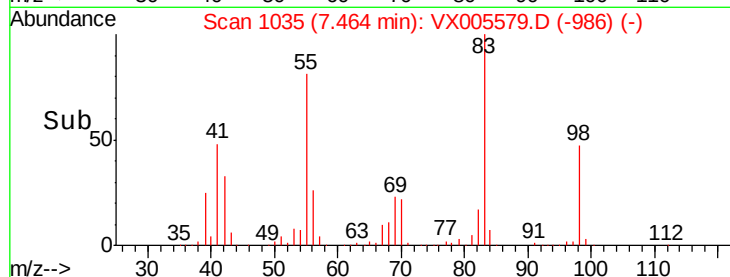
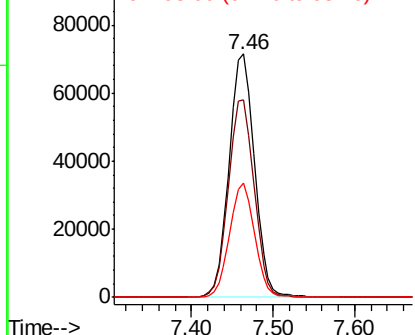
#39
Methylvlcyclohexane
Concen: 47.841 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 153540
Ion Ratio Lower Upper
83 100
55 81.1 63.7 95.5
98 47.2 36.2 54.2

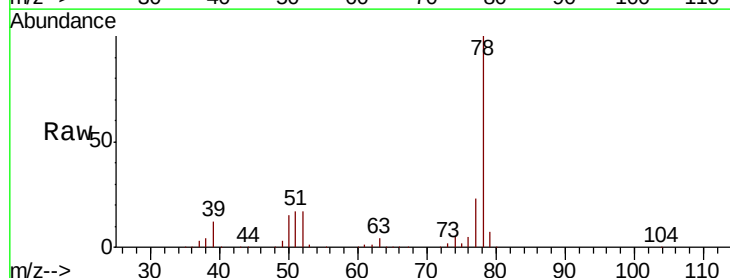


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

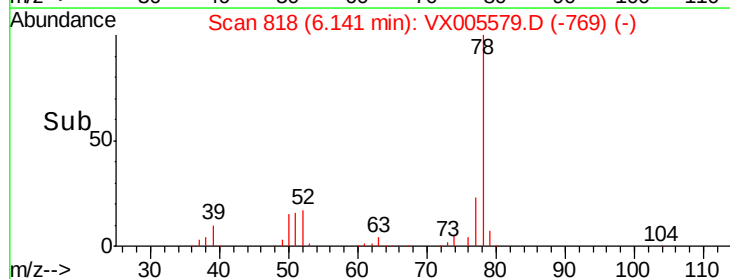
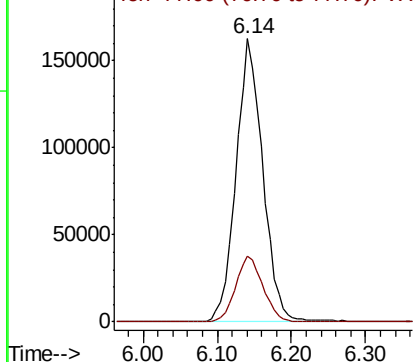


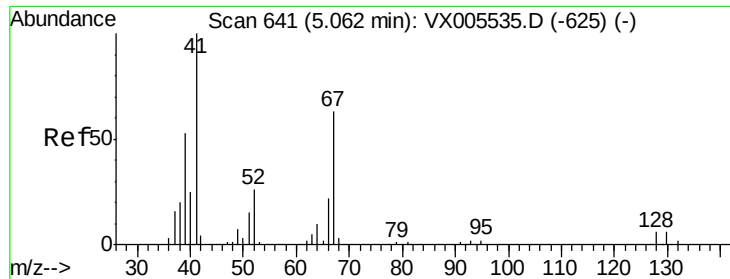
#40
Benzene
Concen: 49.271 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion: 78 Resp: 410504
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6



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

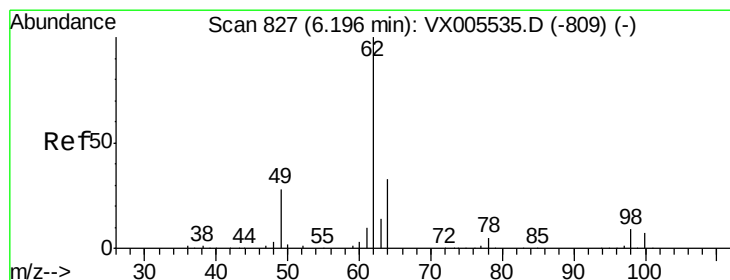
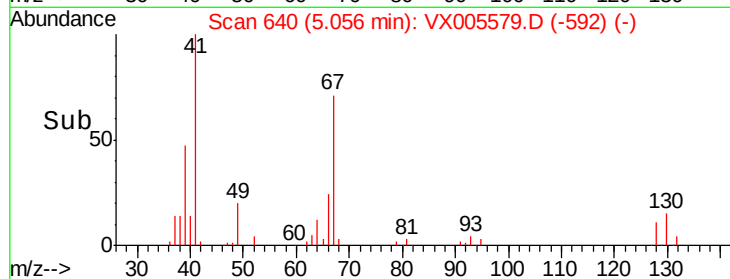
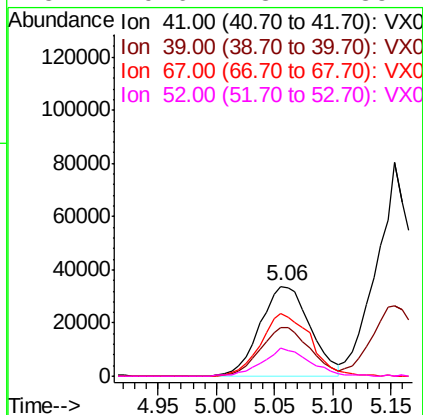
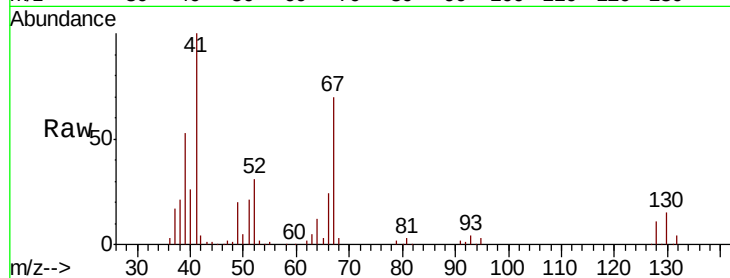




#41
Methacrylonitrile
Concen: 48.705 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

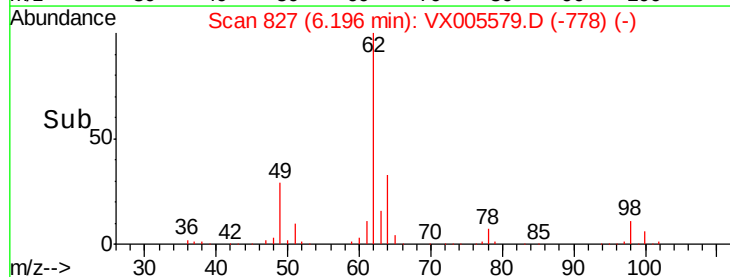
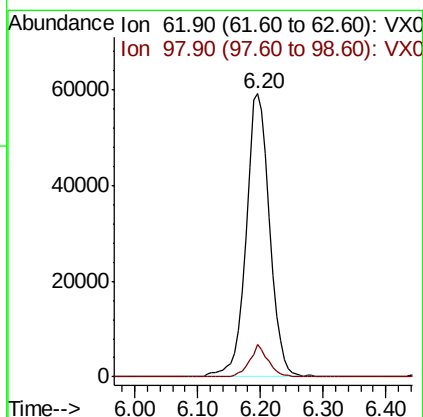
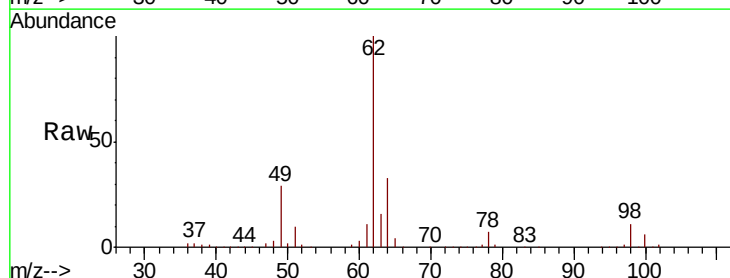
Instrument :
MSVOA_X
ClientSampled :

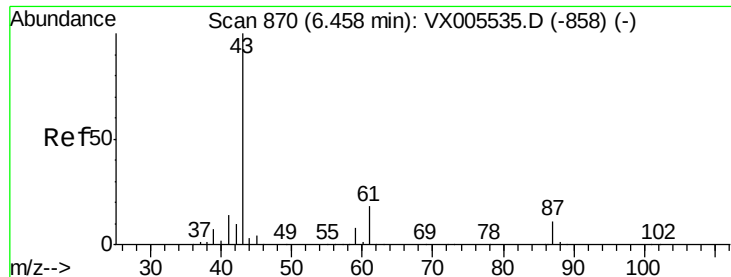
Tot Ion:	41	Resp:	100623
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.2	63.2
67	69.9	53.4	80.0
52	29.6	23.4	35.2



#42
1,2-Dichloroethane
Concen: 48.422 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion:	62	Resp:	153259
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 49.905 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

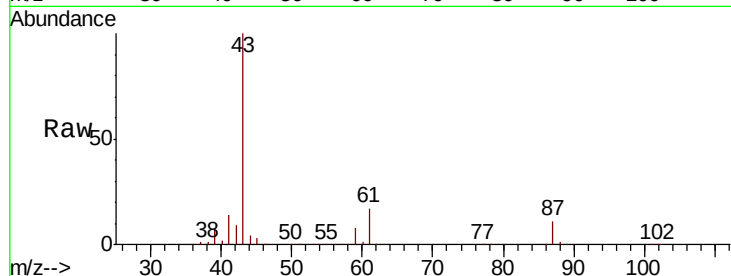
Tot Ion: 43 Resp: 277357

Ion Ratio Lower Upper

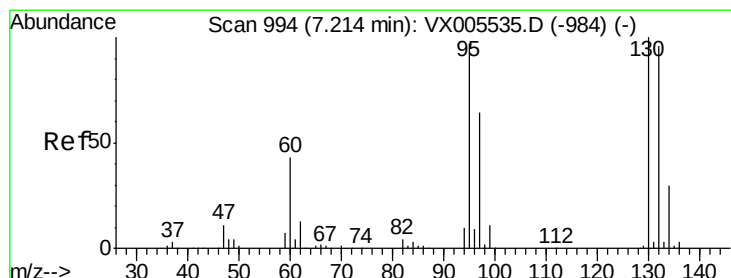
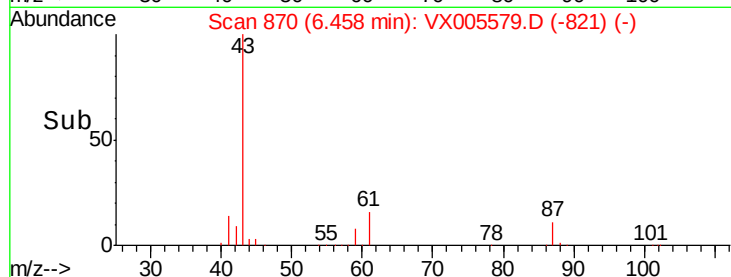
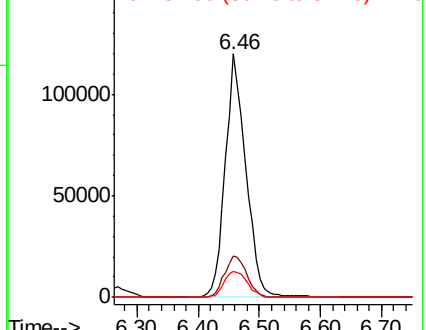
43 100

61 18.6 14.6 22.0

87 12.1 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: 48.773 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005579.D

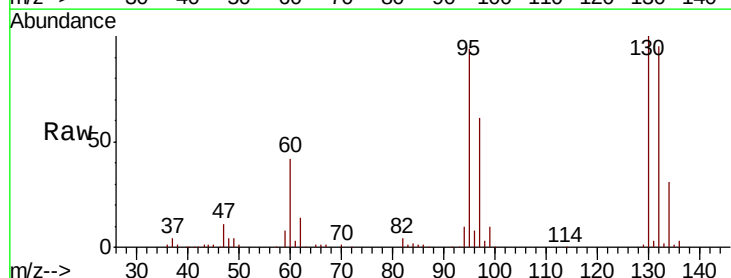
Acq: 25 Oct 2018 08:57

Tgt Ion:130 Resp: 110701

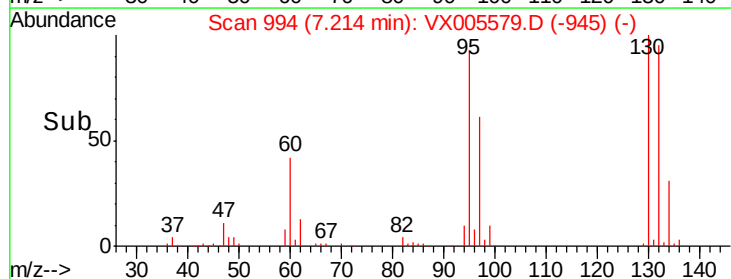
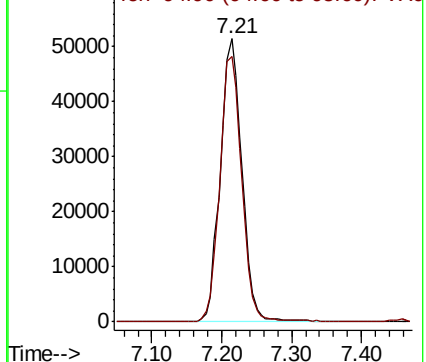
Ion Ratio Lower Upper

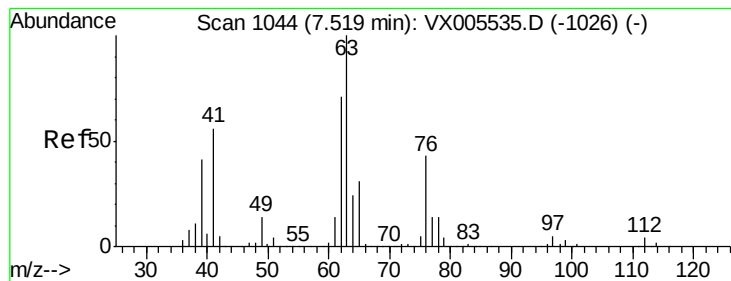
130 100

95 93.6 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 49.069 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

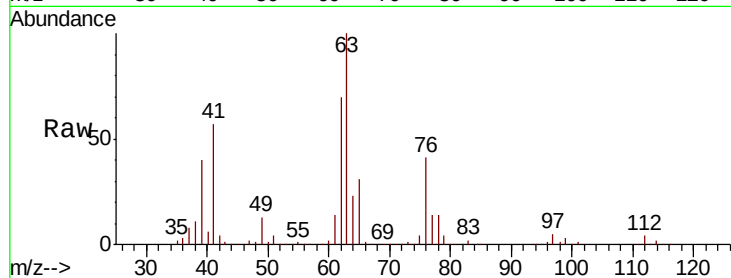
ClientSampled :

Tot Ion: 63 Resp: 109912

Ion Ratio Lower Upper

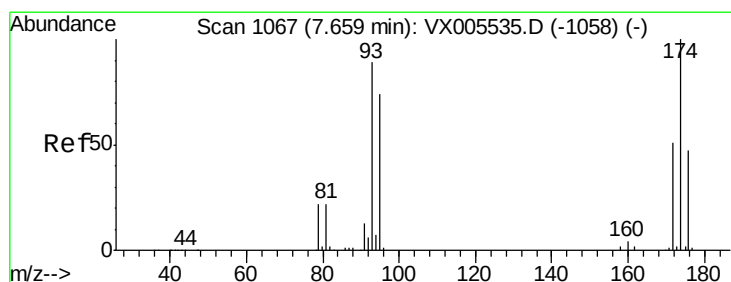
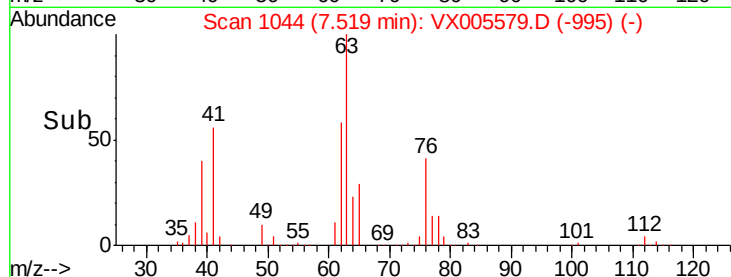
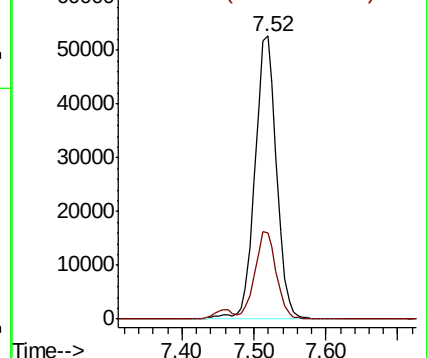
63 100

65 30.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.766 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

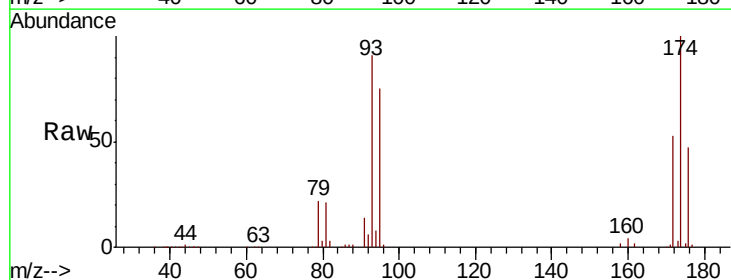
Tgt Ion: 93 Resp: 70550

Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.0

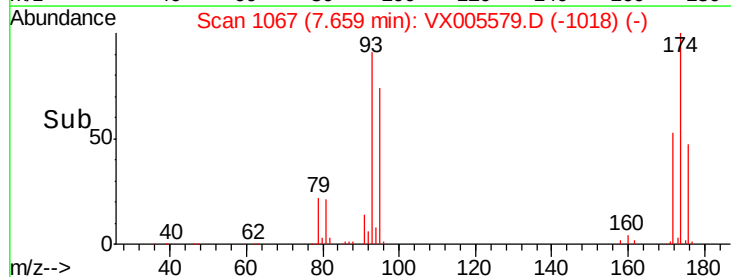
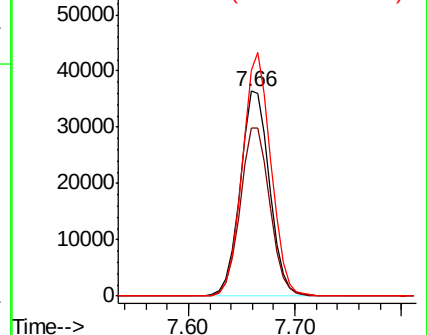
174 115.6 91.5 137.3

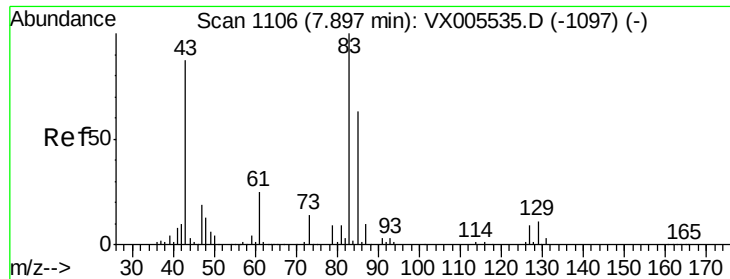


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.547 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

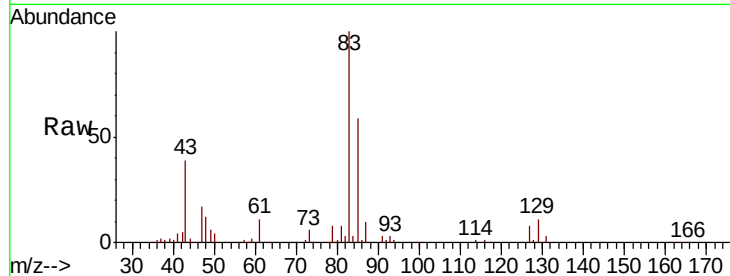
Tot Ion: 83 Resp: 141929

Ion Ratio Lower Upper

83 100

85 59.1 50.2 75.4

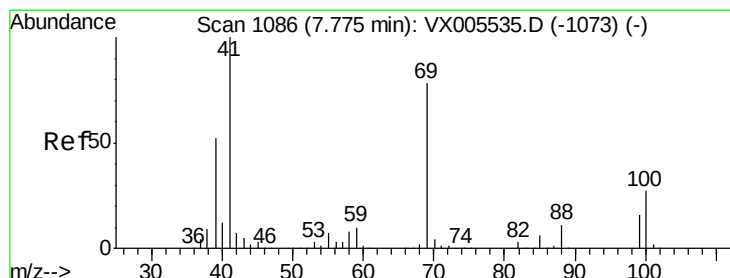
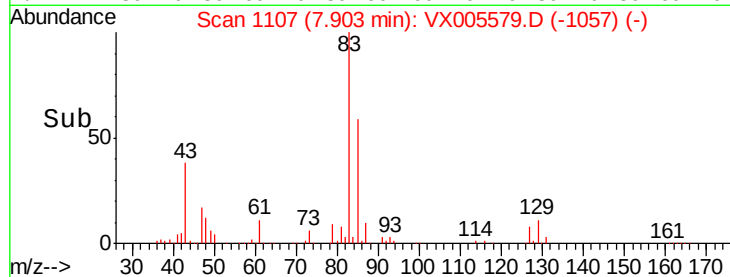
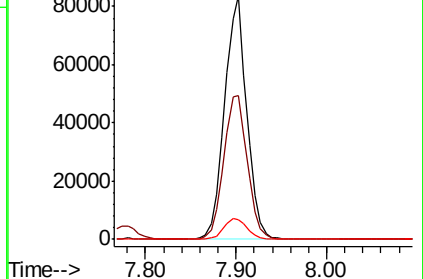
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.193 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

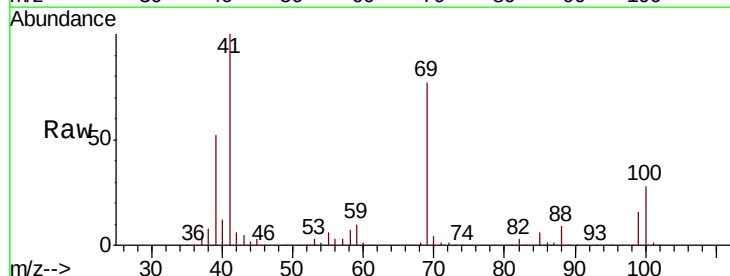
Tgt Ion: 41 Resp: 141313

Ion Ratio Lower Upper

41 100

69 78.7 63.2 94.8

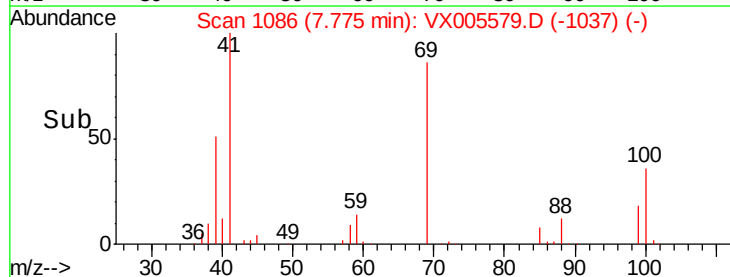
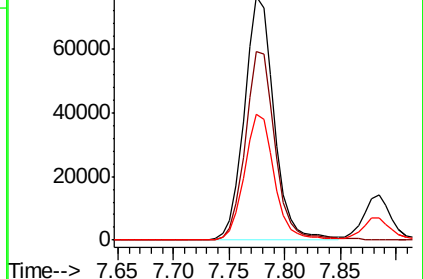
39 52.0 42.2 63.2

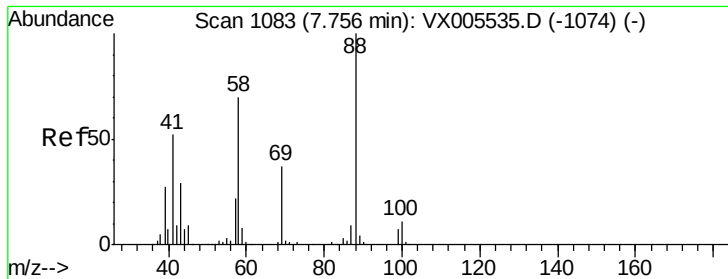


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1074.117 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :
MSVOA_X
ClientSampleId :

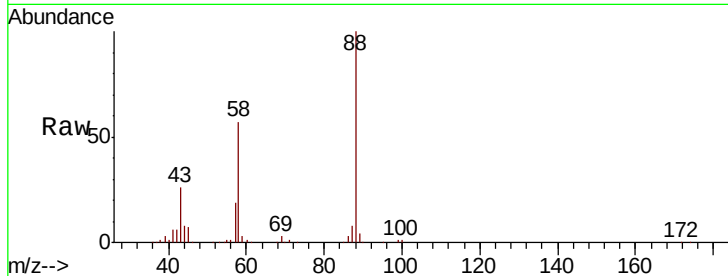
Tot Ion: 88 Resp: 63554

Ion Ratio Lower Upper

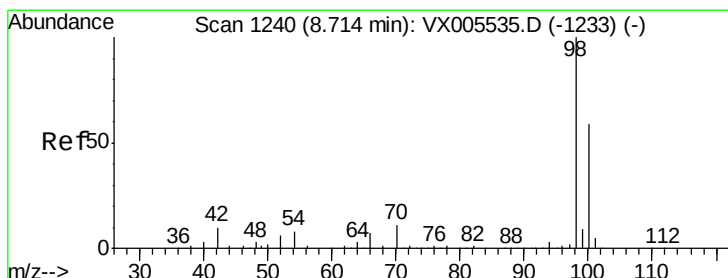
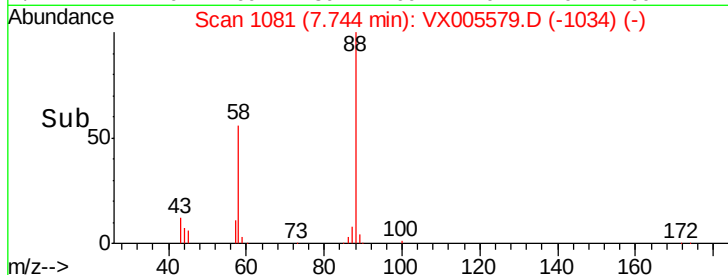
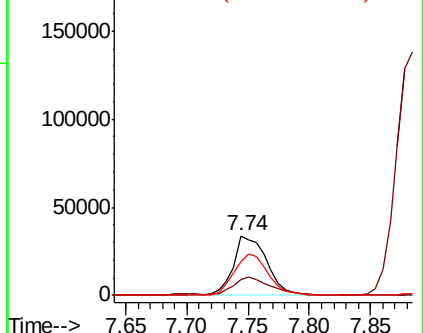
88 100

43 33.2 27.4 41.0

58 71.3 59.4 89.2



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



#50

Toluene-d8

Concen: 51.562 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005579.D

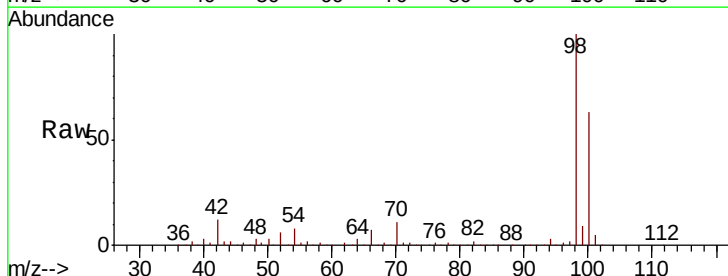
Acq: 25 Oct 2018 08:57

Tgt Ion: 98 Resp: 375714

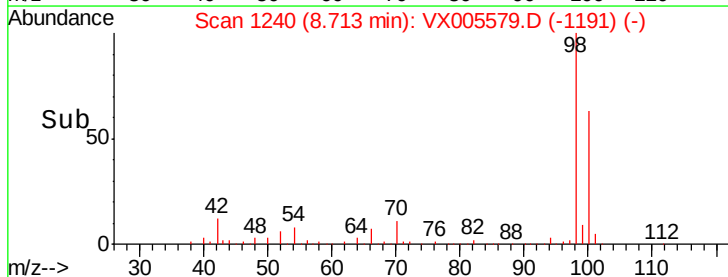
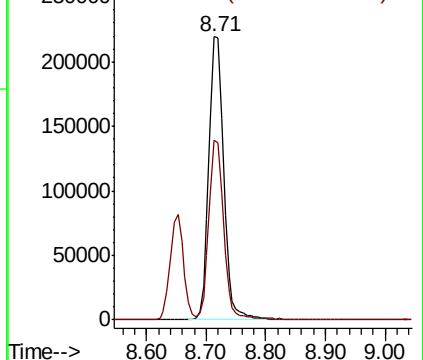
Ion Ratio Lower Upper

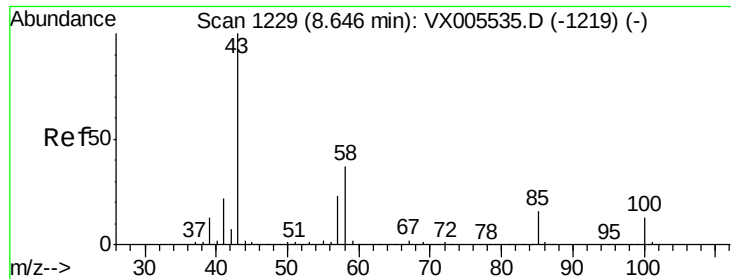
98 100

100 63.5 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 256.445 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

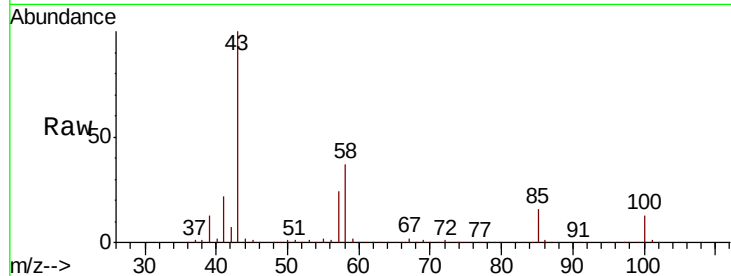
ClientSampleId :

Tot Ion: 43 Resp: 957865

Ion Ratio Lower Upper

43 100

58 37.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

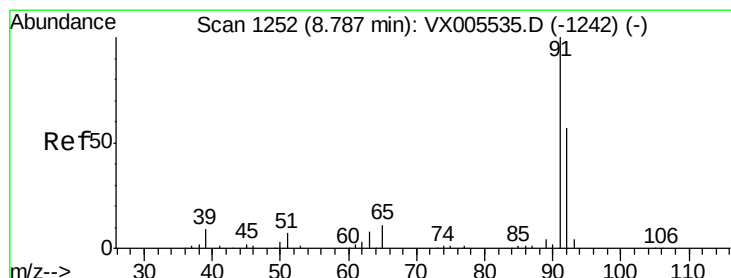
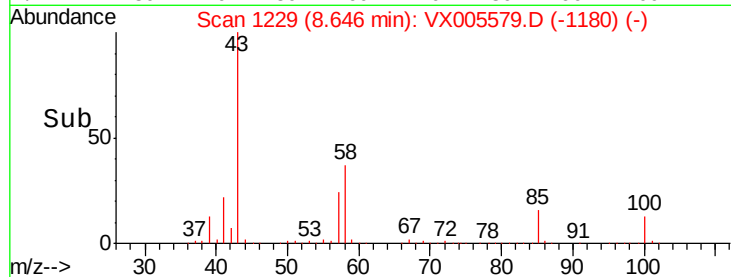
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.174 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005579.D

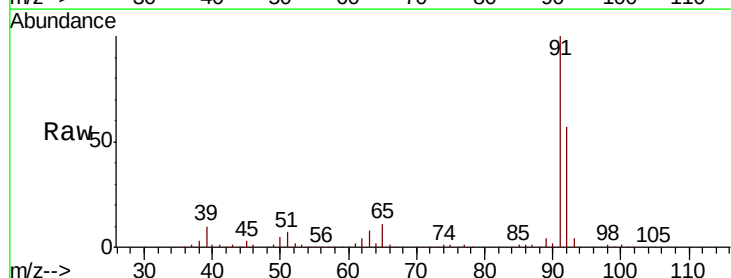
Acq: 25 Oct 2018 08:57

Tgt Ion: 92 Resp: 254056

Ion Ratio Lower Upper

92 100

91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

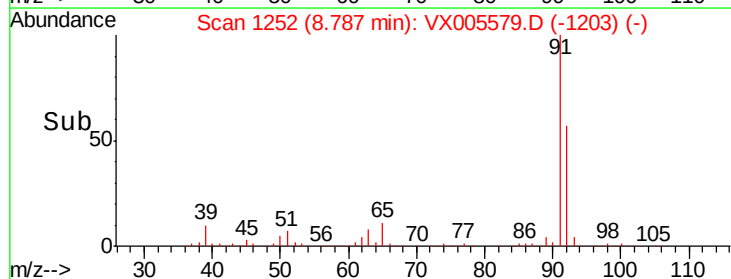
150000

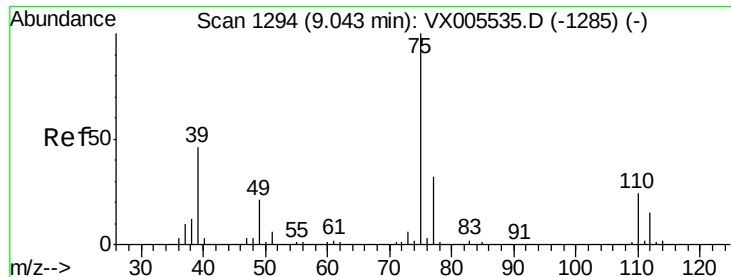
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.363 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

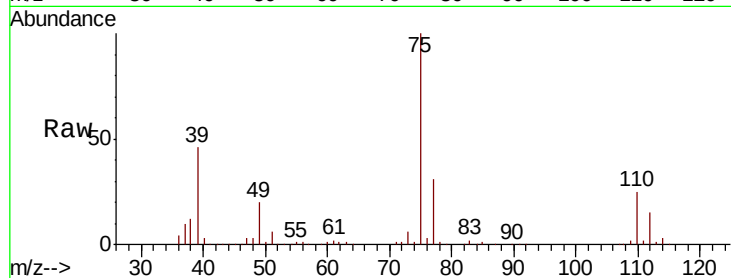
ClientSampled :

Tot Ion: 75 Resp: 146766

Ion Ratio Lower Upper

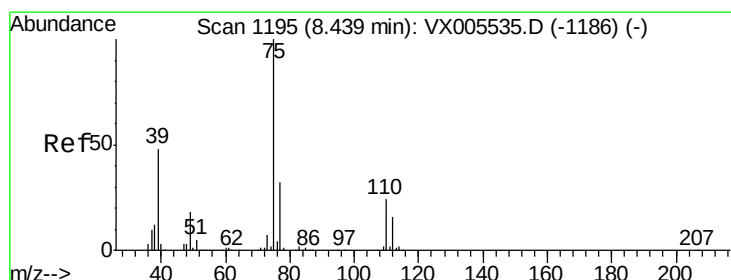
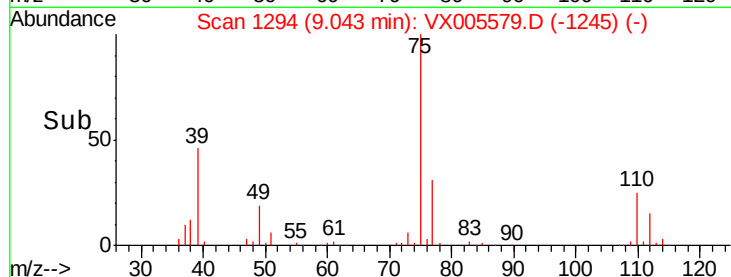
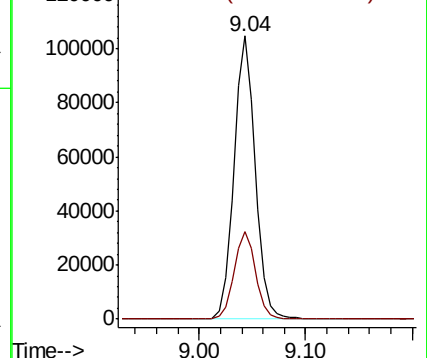
75 100

77 31.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.045 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

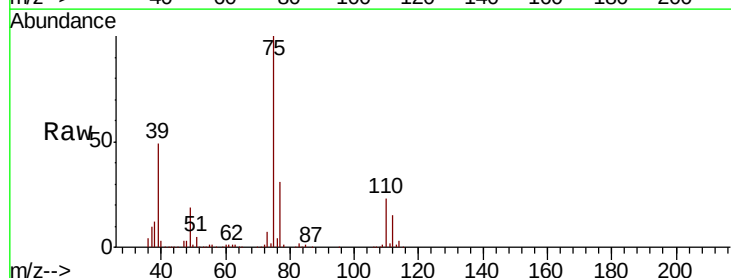
Tgt Ion: 75 Resp: 156973

Ion Ratio Lower Upper

75 100

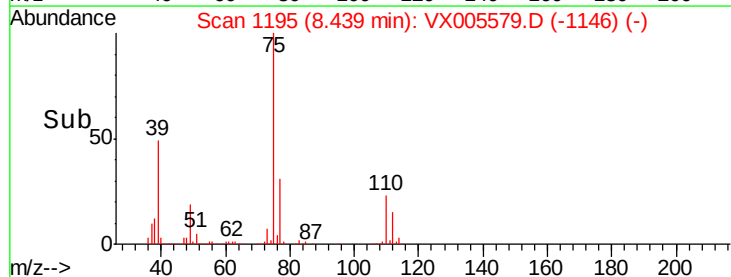
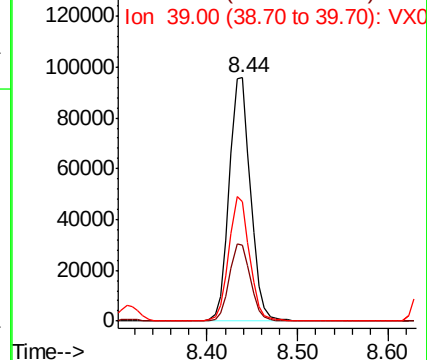
77 31.3 25.2 37.8

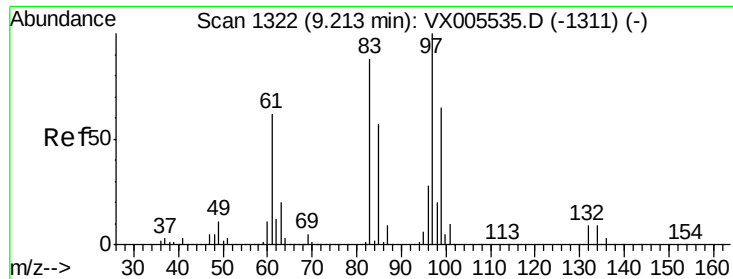
39 48.9 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

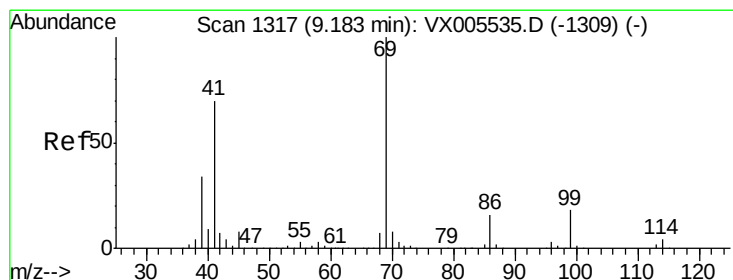
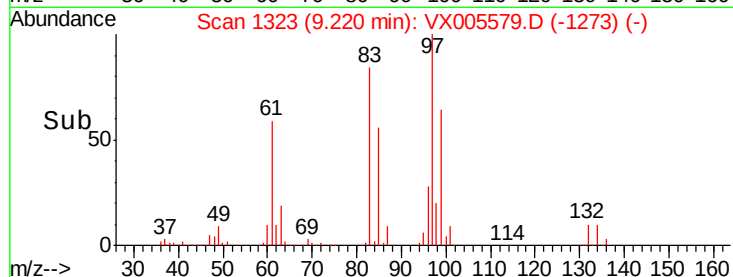
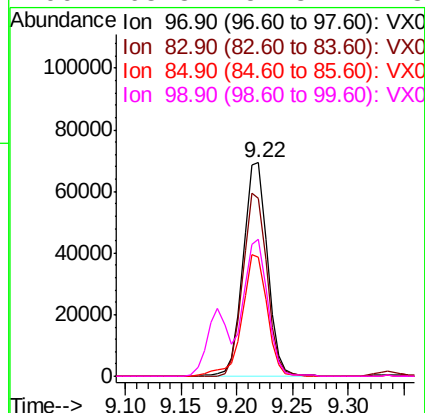
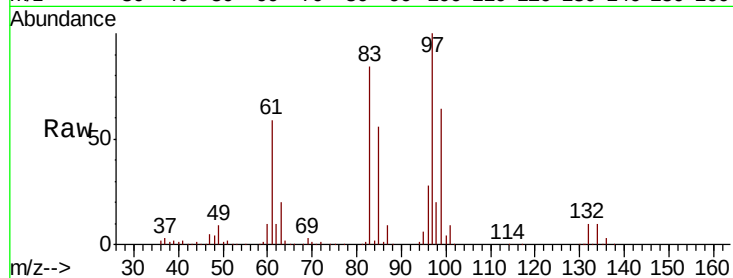




#55
 1,1,2-Trichloroethane
 Concen: 49.402 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

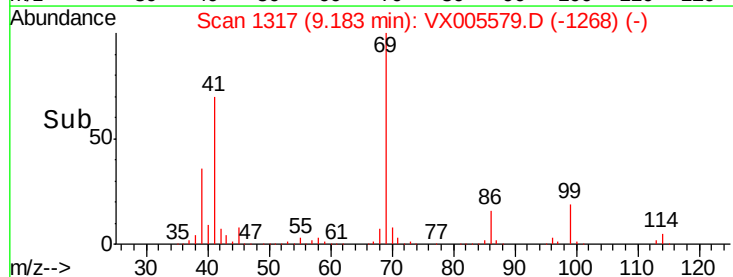
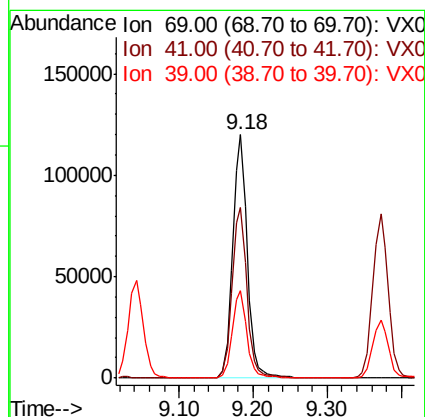
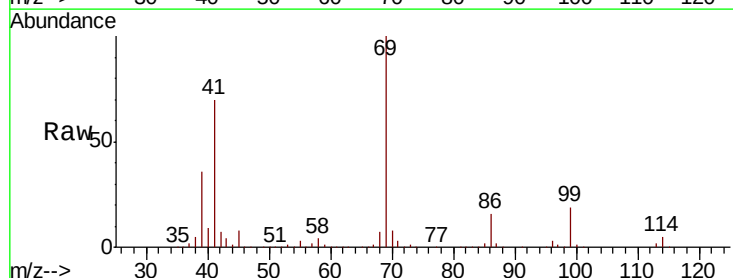
Instrument :
 MSVOA_X
 ClientSampleId :

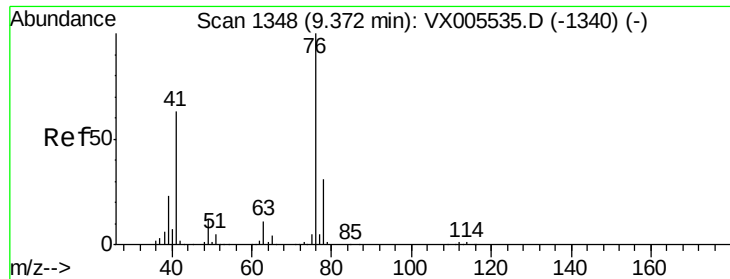
Tot Ion: 97 Resp: 105465
 Ion Ratio Lower Upper
 97 100
 83 83.5 70.7 106.1
 85 55.7 45.8 68.6
 99 63.8 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 51.855 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion: 69 Resp: 165119
 Ion Ratio Lower Upper
 69 100
 41 71.1 57.0 85.6
 39 35.9 28.3 42.5





#57

1,3-Dichloropropane

Concen: 49.353 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

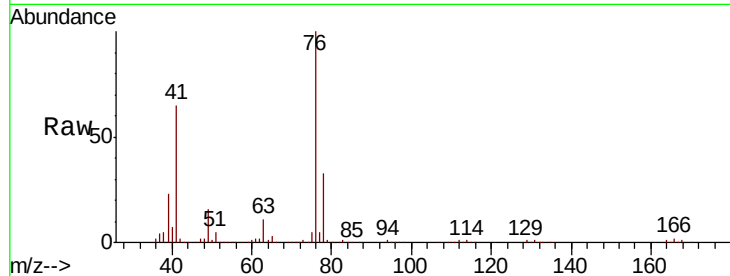
ClientSampleId :

Tot Ion: 76 Resp: 178270

Ion Ratio Lower Upper

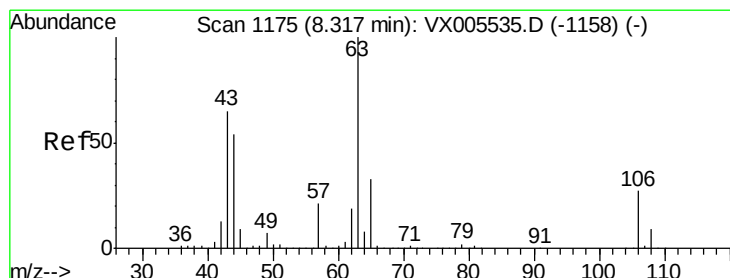
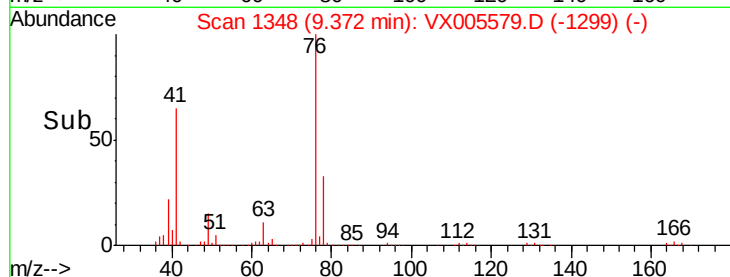
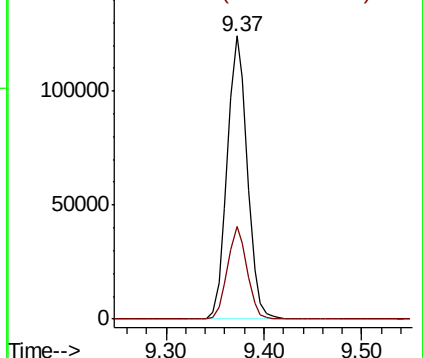
76 100

78 32.2 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 259.926 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005579.D

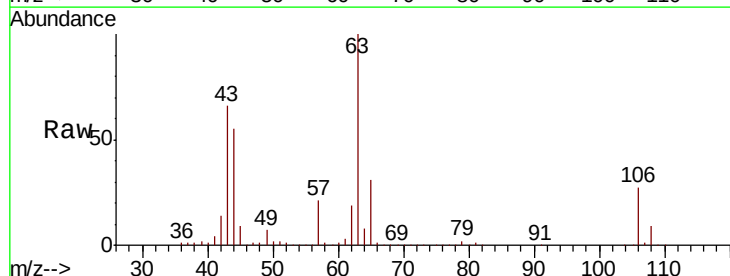
Acq: 25 Oct 2018 08:57

Tgt Ion: 63 Resp: 462263

Ion Ratio Lower Upper

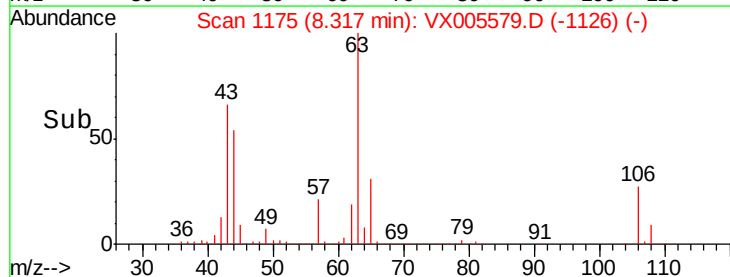
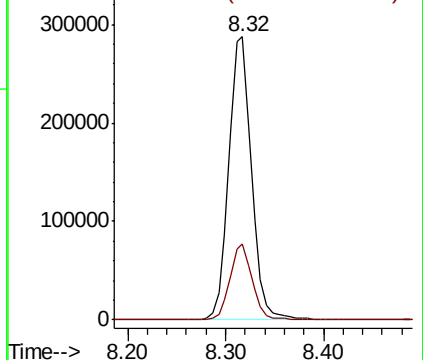
63 100

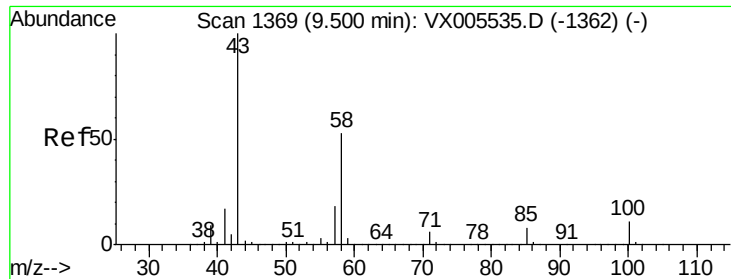
106 26.5 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

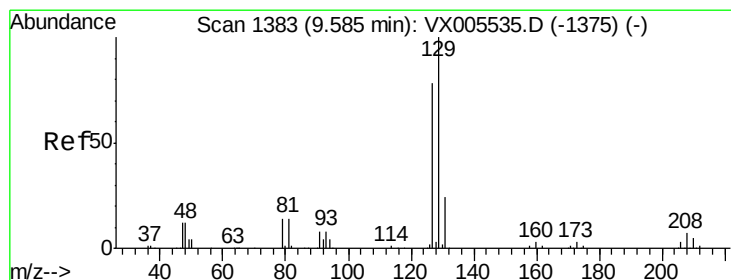
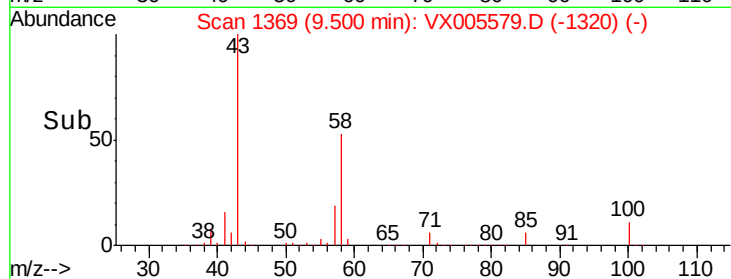
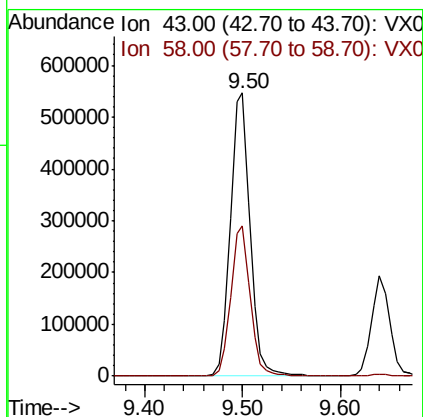
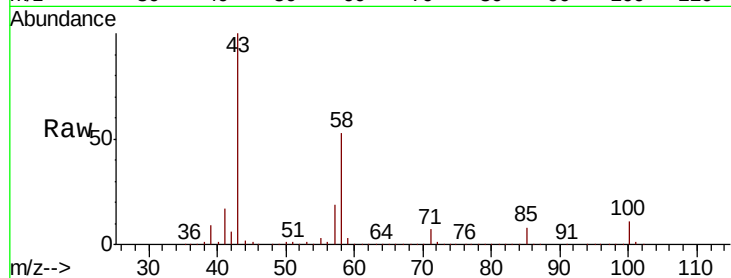




#59
2-Hexanone
Concen: 259.211 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

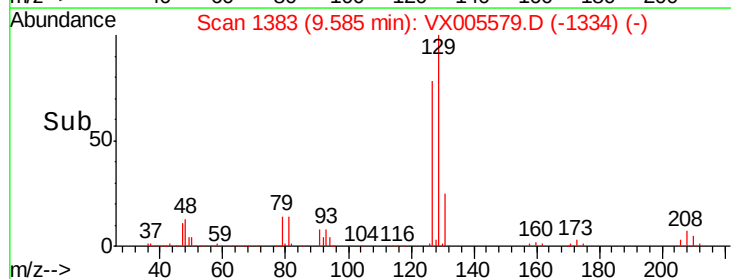
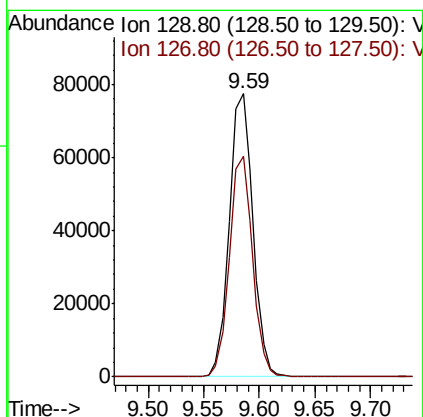
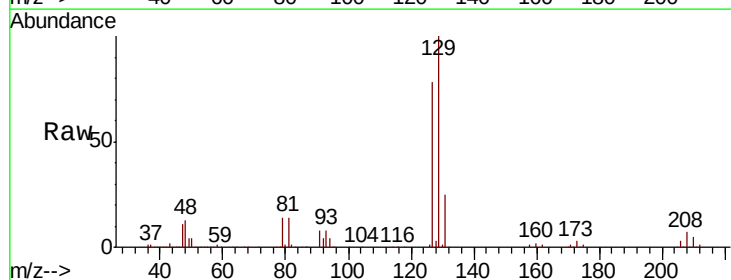
Instrument :
MSVOA_X
ClientSampleId :

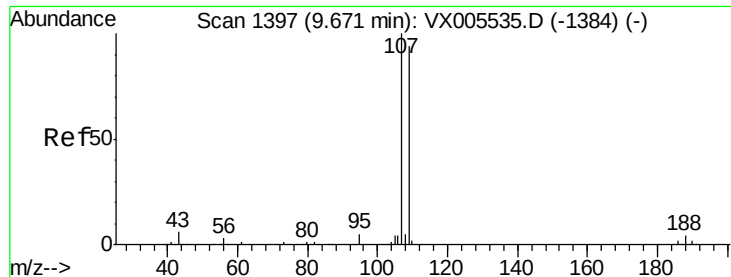
Tot Ion: 43 Resp: 763372
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8



#60
Dibromochloromethane
Concen: 51.049 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion:129 Resp: 113703
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.320 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

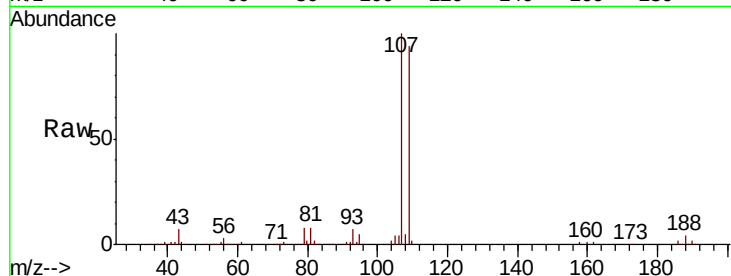
ClientSampleId :

Tot Ion:107 Resp: 111134

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

80000

60000

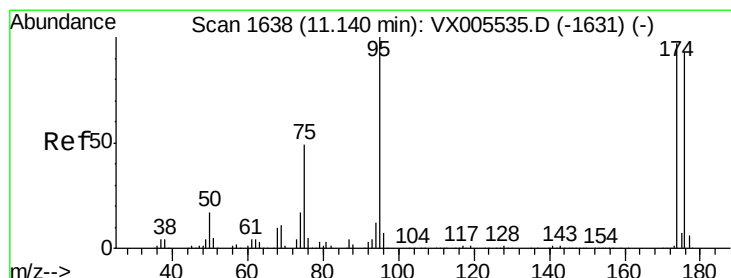
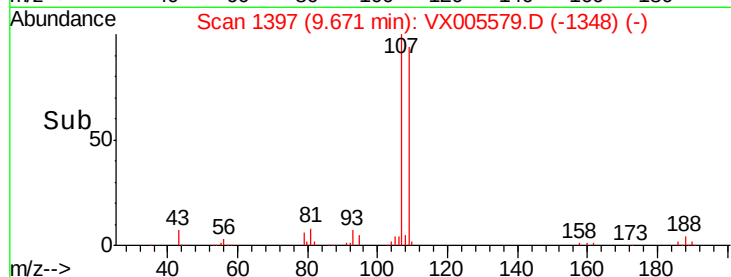
40000

20000

0

9.50 9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.564 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

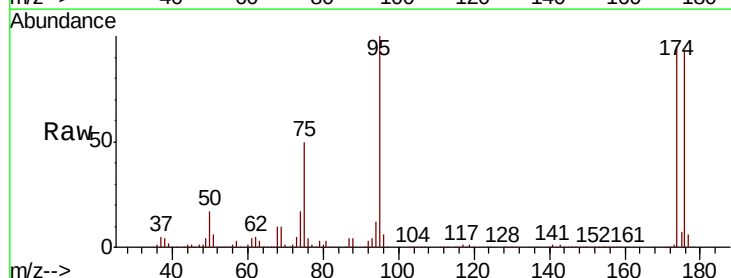
Tgt Ion: 95 Resp: 141894

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

176 88.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

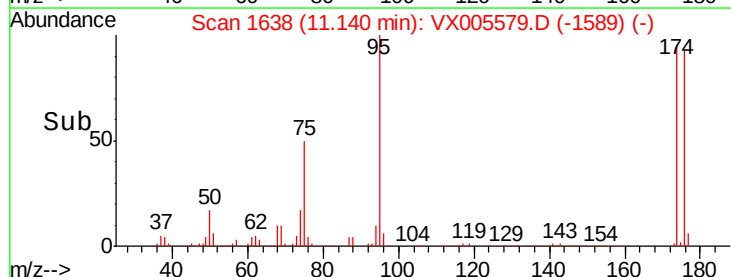
100000

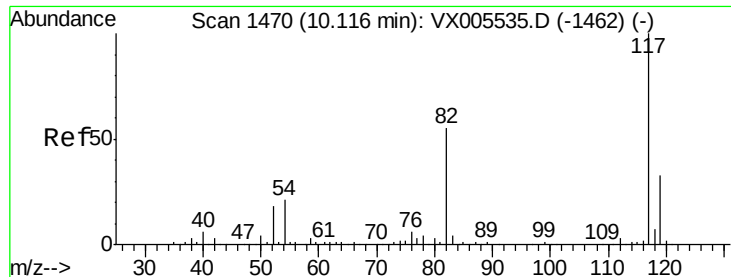
50000

0

11.10 11.20

Time-->

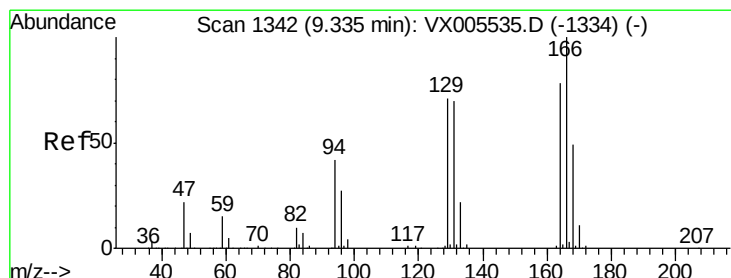
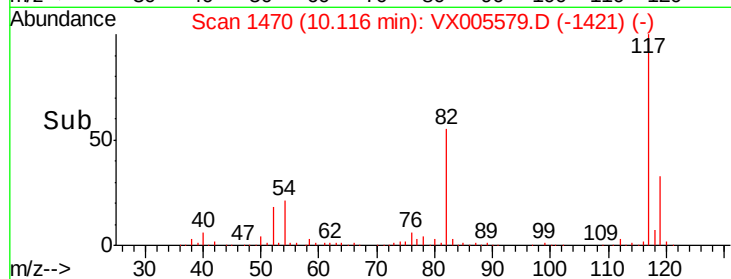
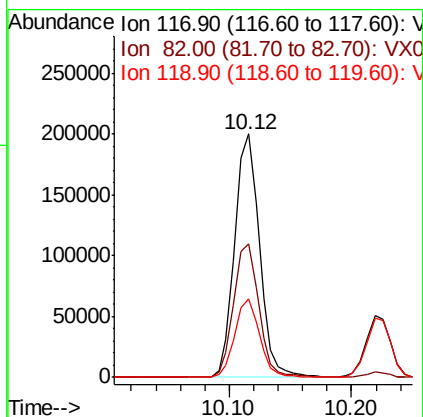
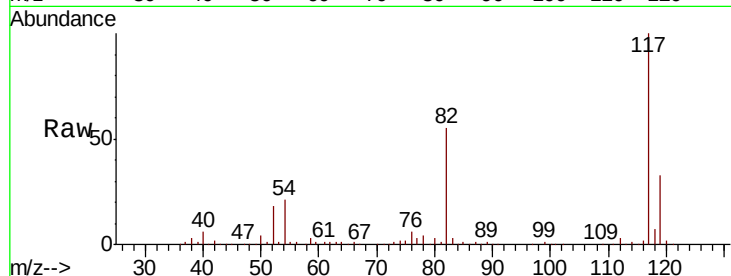




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

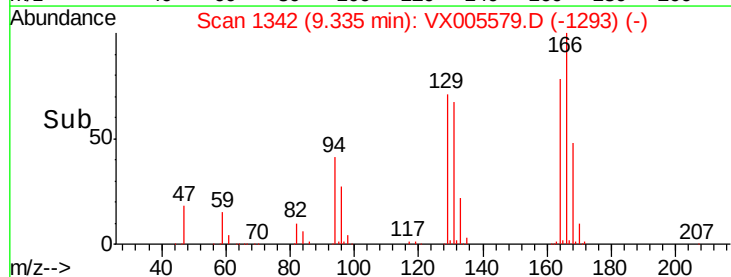
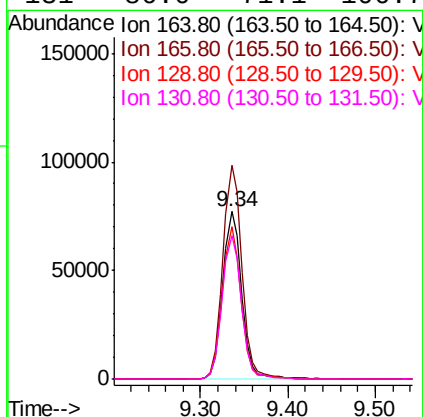
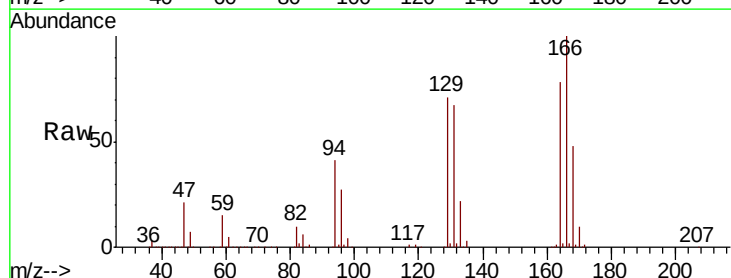
Instrument :
MSVOA_X
ClientSampled :

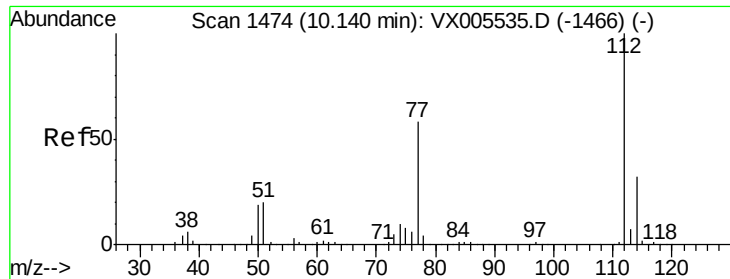
Tot Ion:117 Resp: 281836
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 49.577 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion:164 Resp: 115991
Ion Ratio Lower Upper
164 100
166 127.8 101.9 152.9
129 91.2 72.6 109.0
131 86.0 71.1 106.7

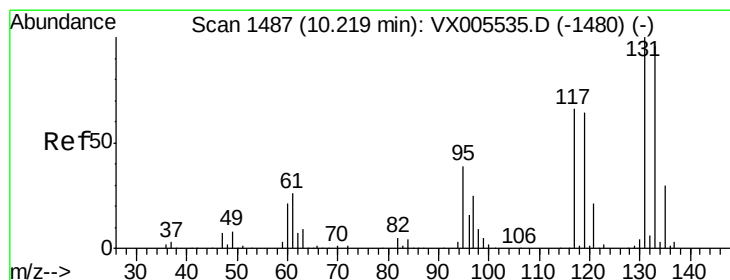
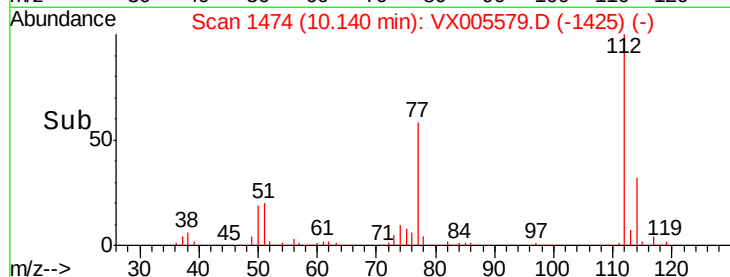
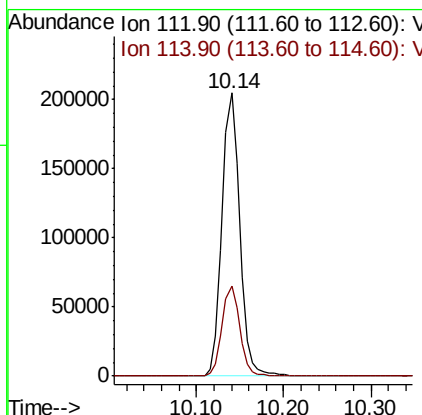
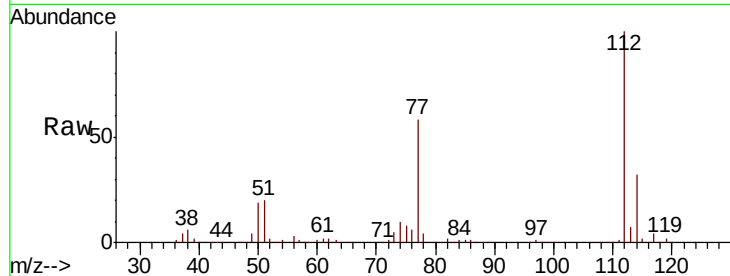




#65
Chlorobenzene
Concen: 48.056 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

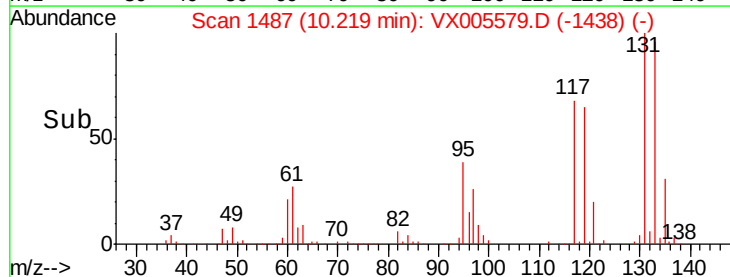
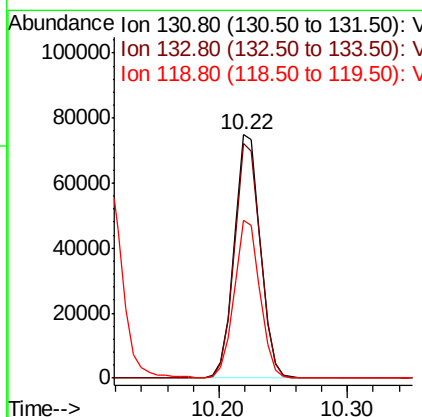
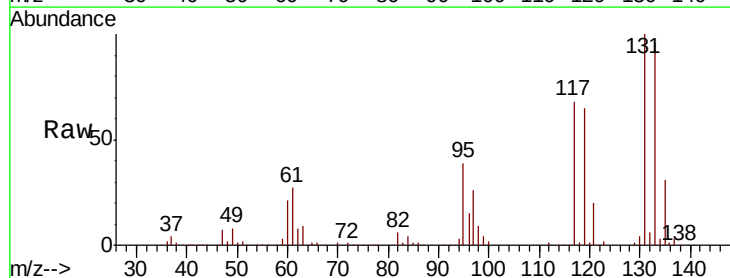
Instrument :
MSVOA_X
ClientSampled :

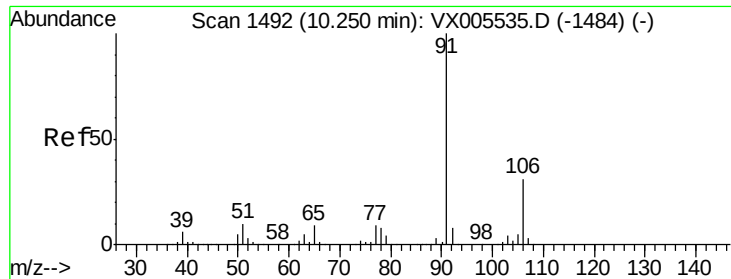
Tot Ion:112 Resp: 288409
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.287 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion:131 Resp: 105668
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 63.9 31.8 95.3

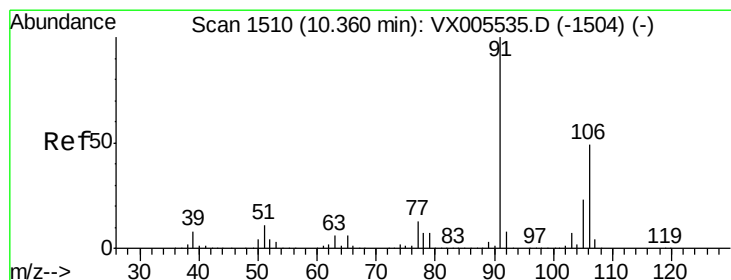
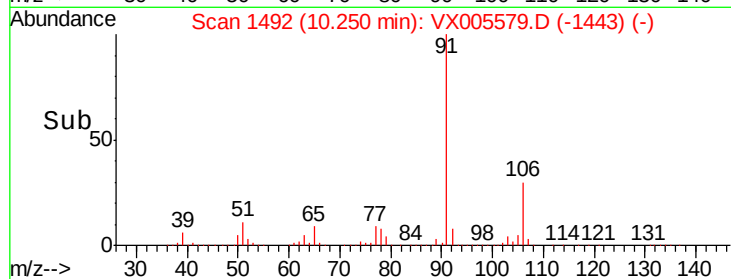
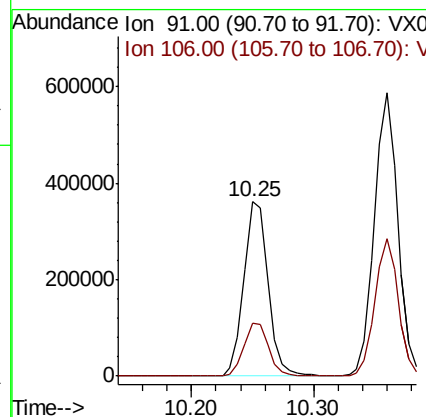
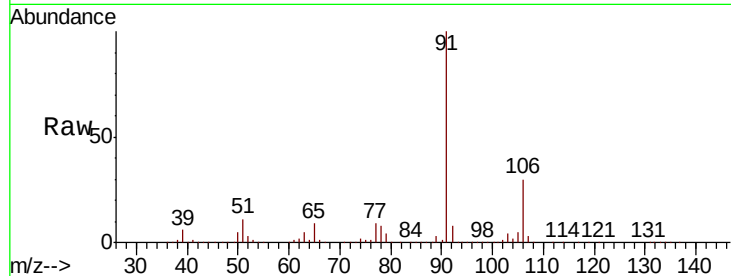




#67
Ethyl Benzene
Concen: 50.165 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

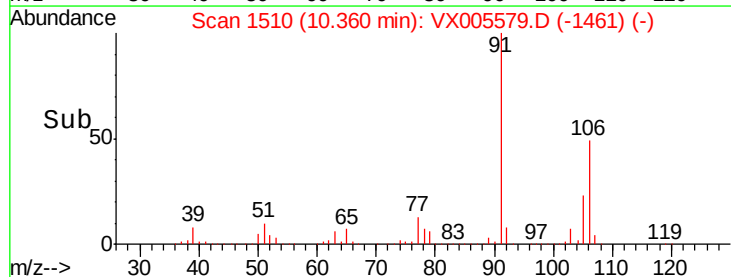
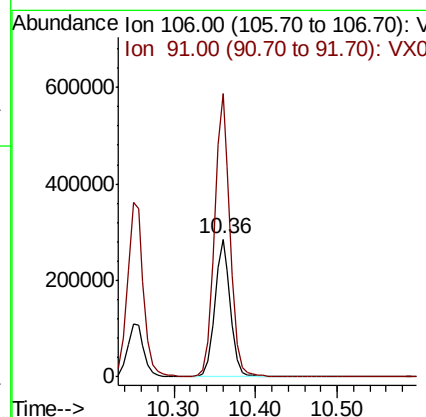
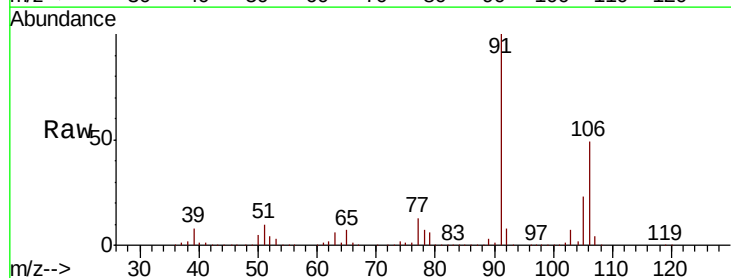
Instrument :
MSVOA_X
ClientSampleId :

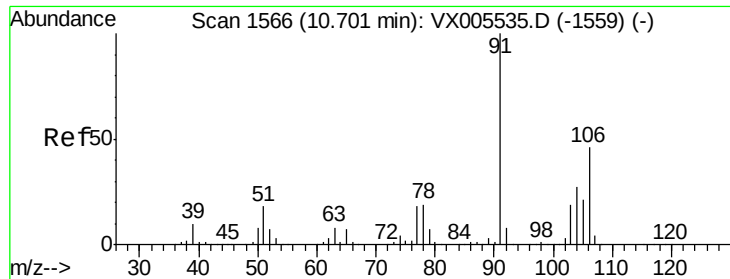
Tot Ion: 91 Resp: 495341
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 100.504 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion: 106 Resp: 385023
Ion Ratio Lower Upper
106 100
91 205.4 164.2 246.4

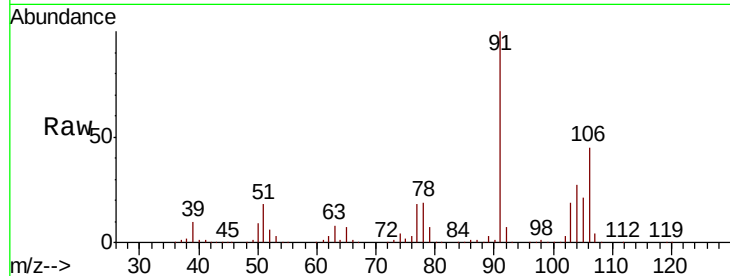




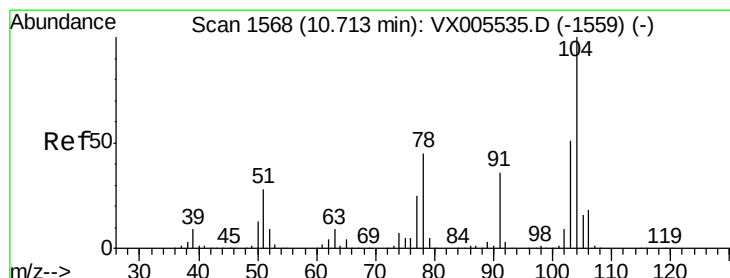
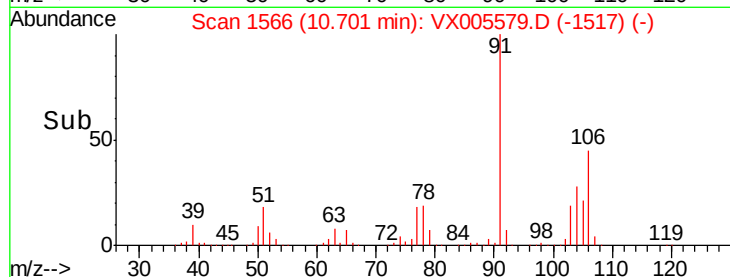
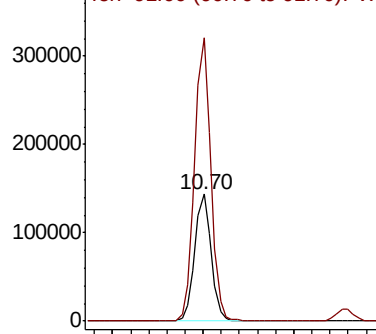
#69
o-Xylene
Concen: 50.805 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 183112
Ion Ratio Lower Upper
106 100
91 220.5 108.5 325.5

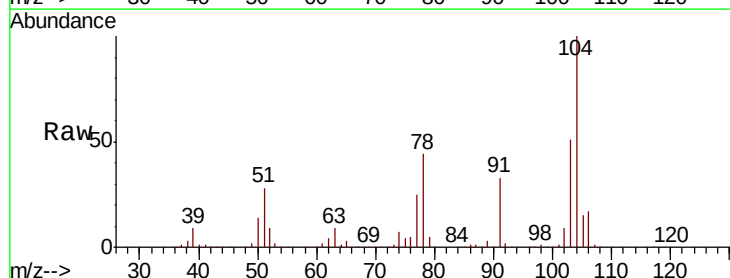


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

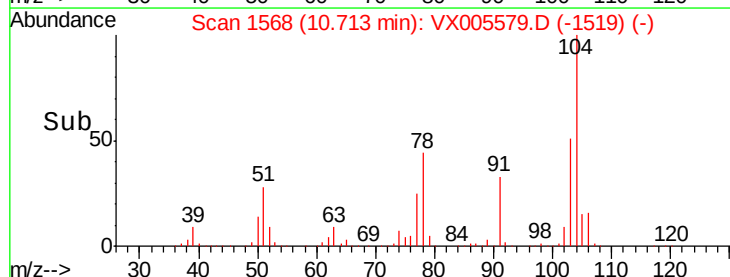
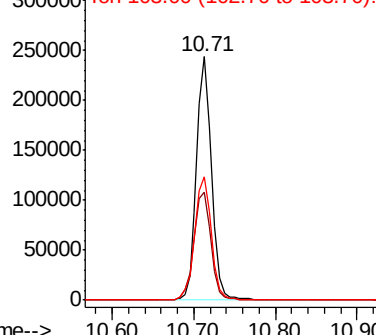


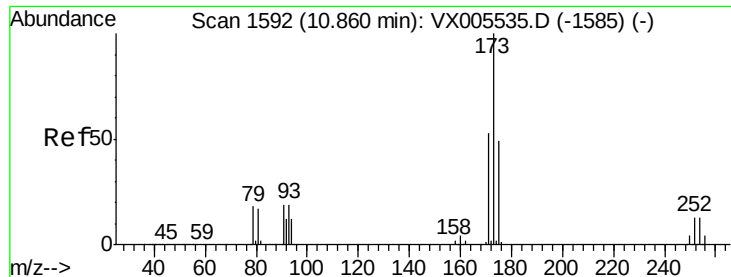
#70
Styrene
Concen: 51.646 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion:104 Resp: 311606
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 56.3 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.630 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampled :

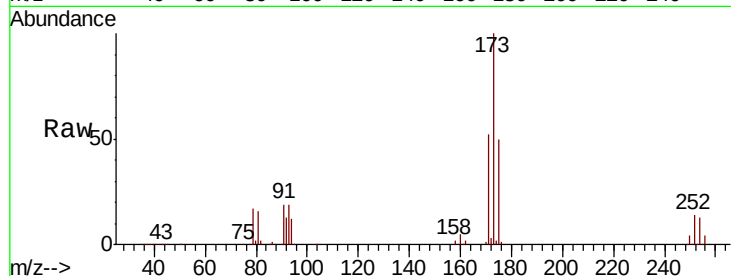
Tot Ion:173 Resp: 94962

Ion Ratio Lower Upper

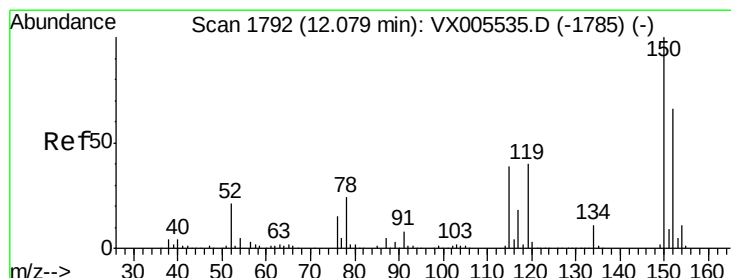
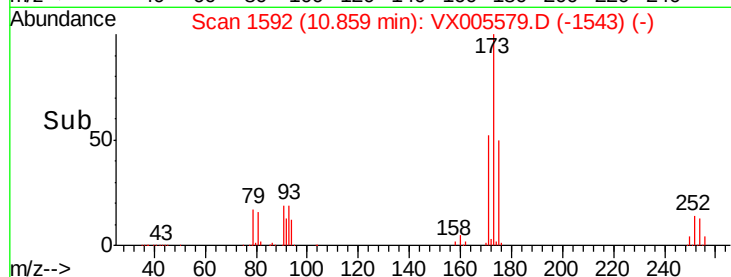
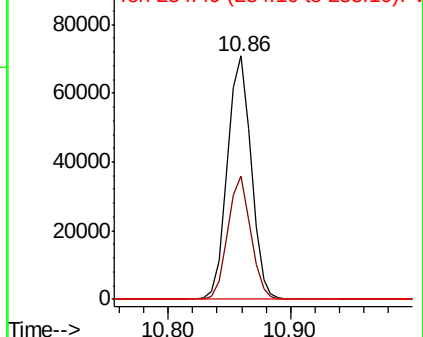
173 100

175 48.7 24.8 74.3

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: VX005579.D

Acq: 25 Oct 2018 08:57

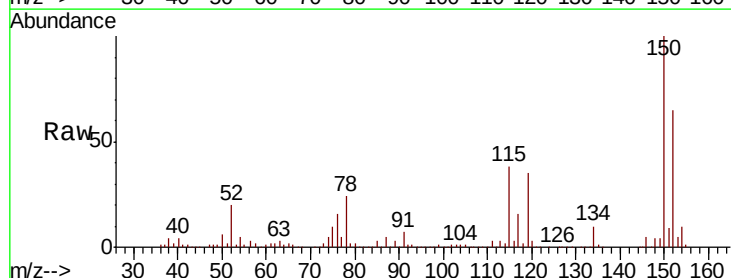
Tgt Ion:152 Resp: 161432

Ion Ratio Lower Upper

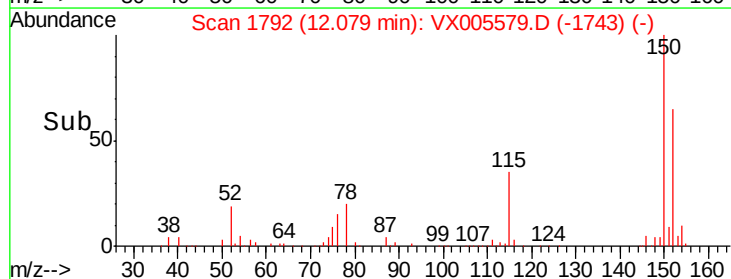
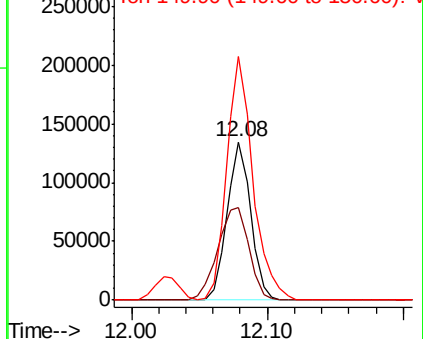
152 100

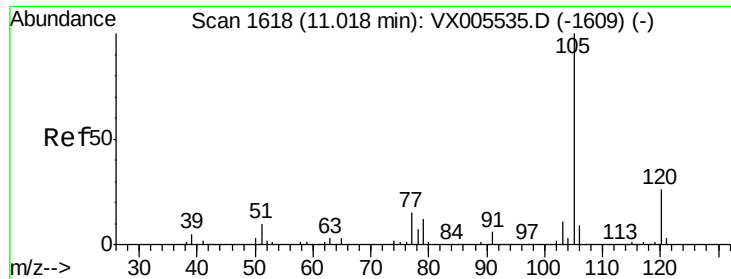
115 77.8 39.4 118.1

150 171.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.273 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

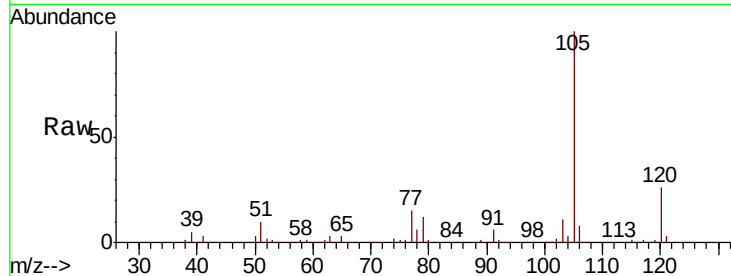
ClientSampleId :

Tot Ion:105 Resp: 505961

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

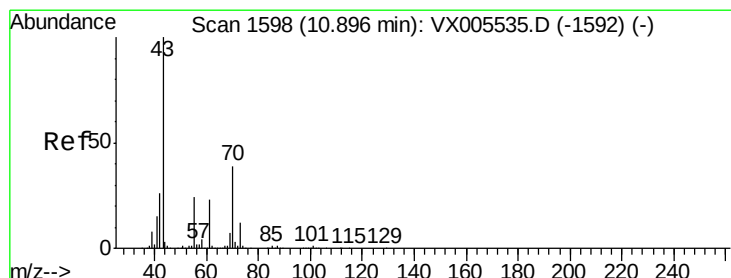
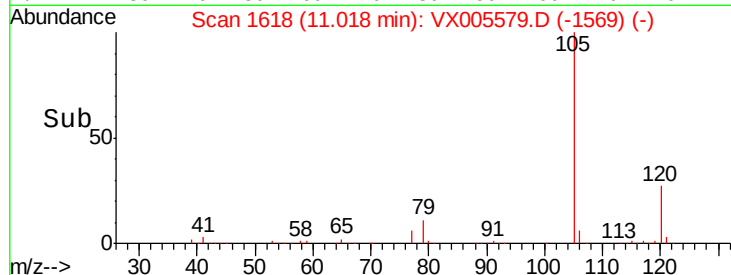
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.551 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Tgt Ion: 43 Resp: 252067

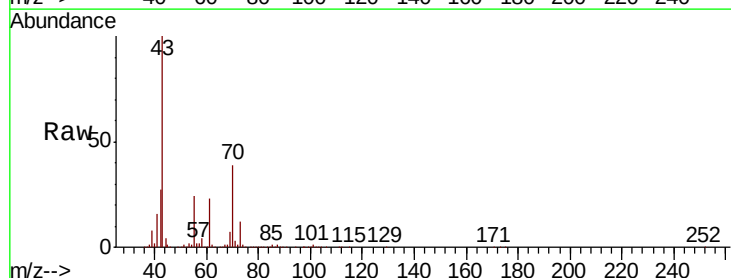
Ion Ratio Lower Upper

43 100

70 39.7 31.6 47.4

55 25.0 19.7 29.5

61 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

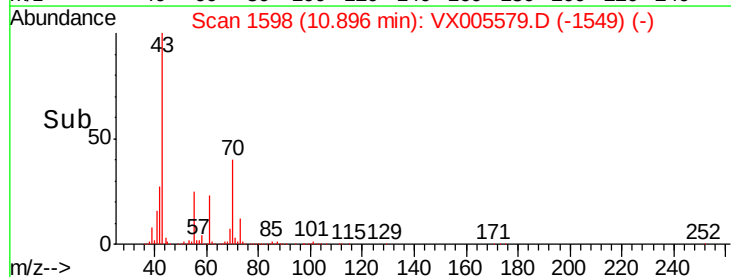
150000

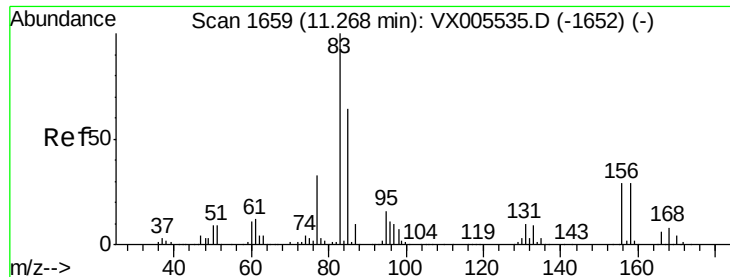
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 47.663 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

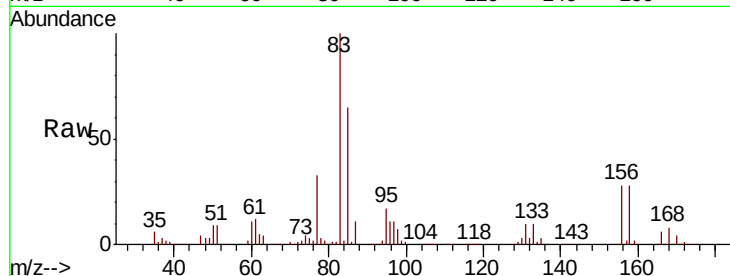
Tot Ion: 83 Resp: 173522

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

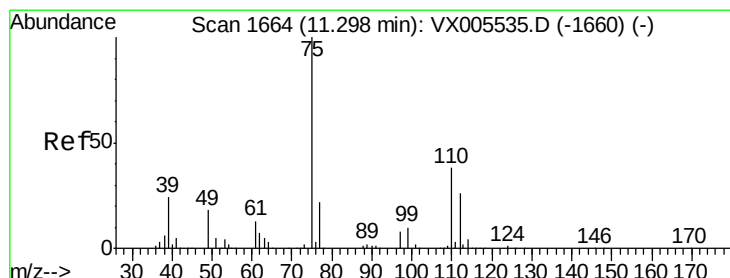
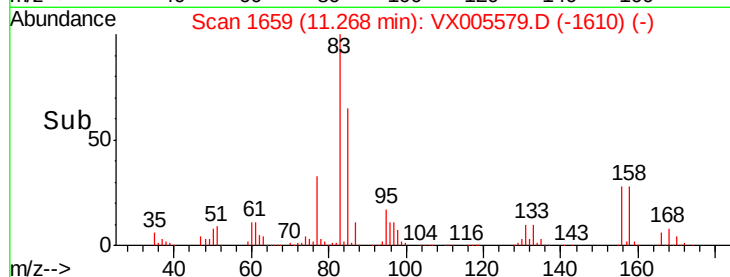
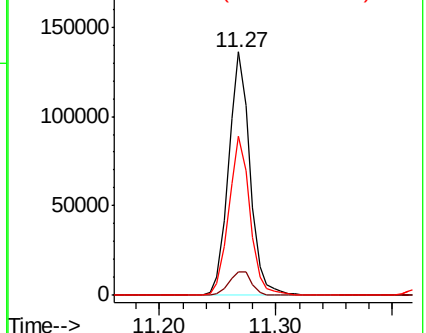
85 65.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.782 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005579.D

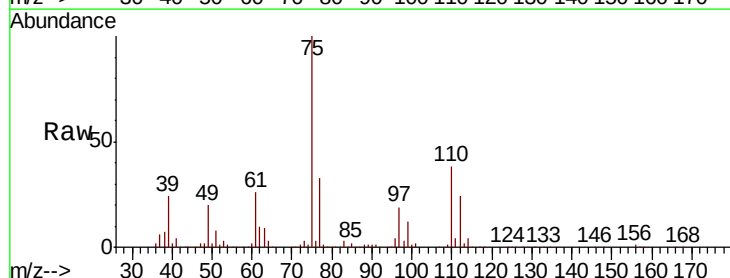
Acq: 25 Oct 2018 08:57

Tgt Ion: 75 Resp: 201055

Ion Ratio Lower Upper

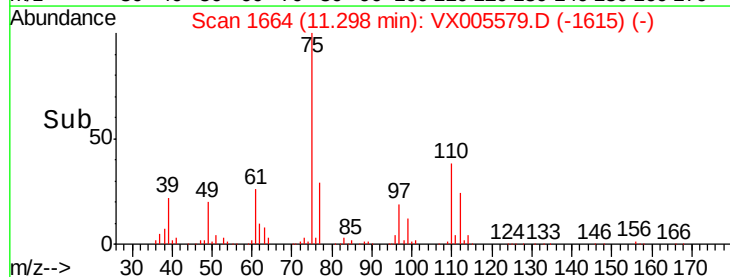
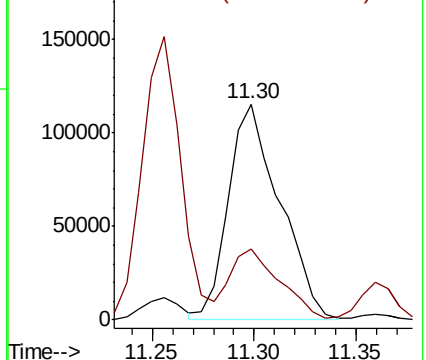
75 100

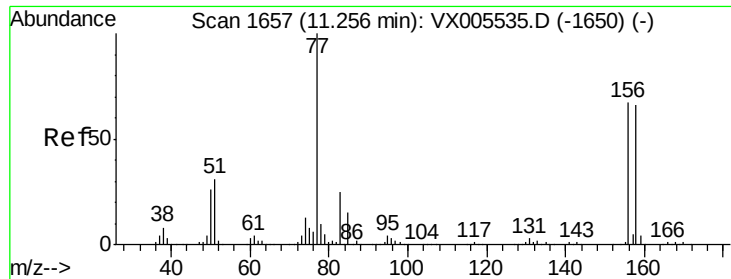
77 31.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.494 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

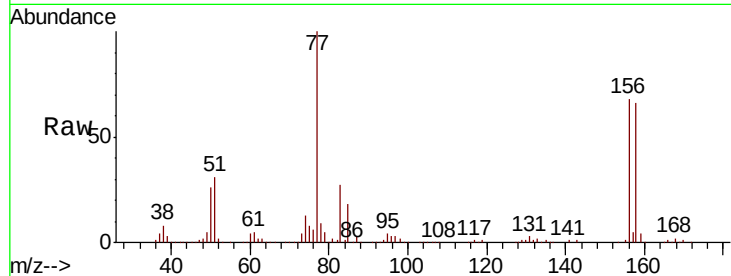
Tot Ion:156 Resp: 133364

Ion Ratio Lower Upper

156 100

77 149.5 74.8 224.4

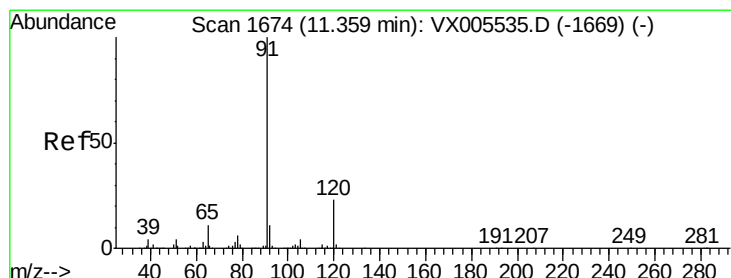
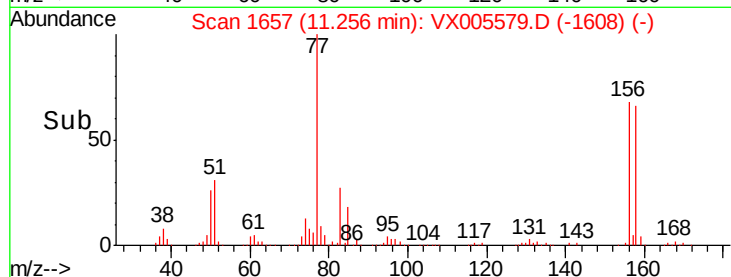
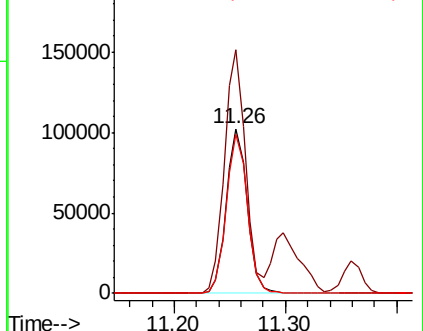
158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.926 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005579.D

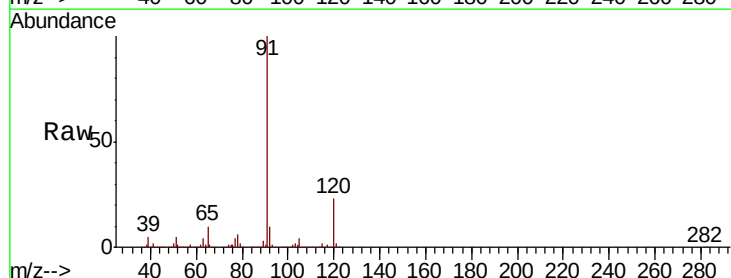
Acq: 25 Oct 2018 08:57

Tgt Ion: 91 Resp: 585923

Ion Ratio Lower Upper

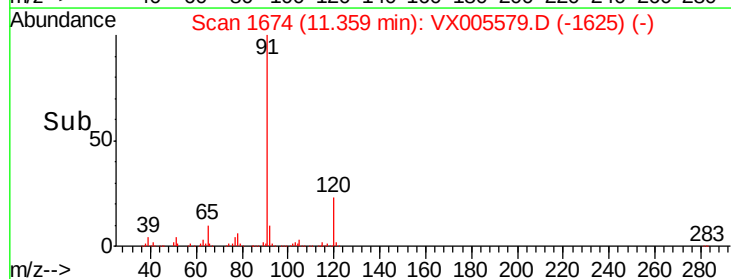
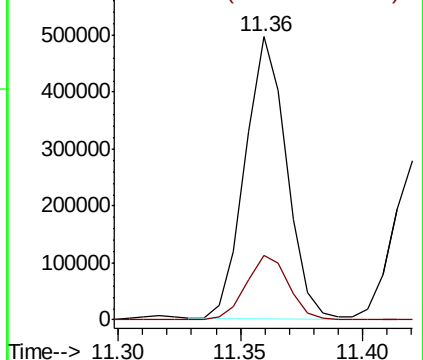
91 100

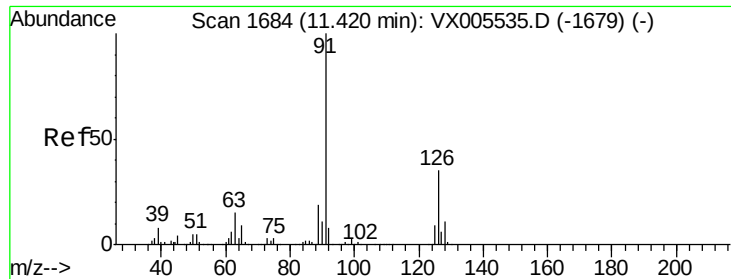
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

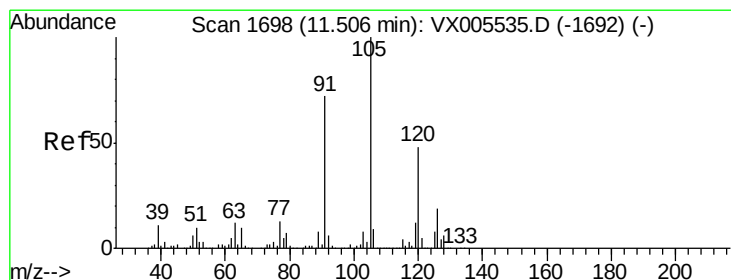
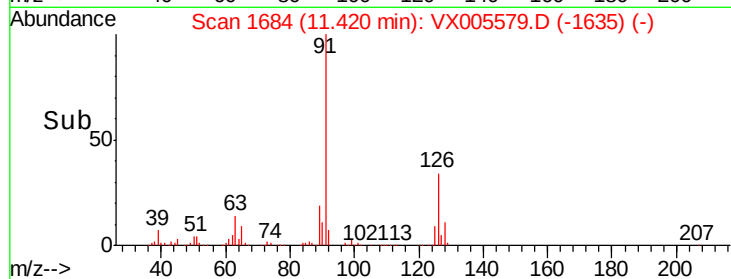
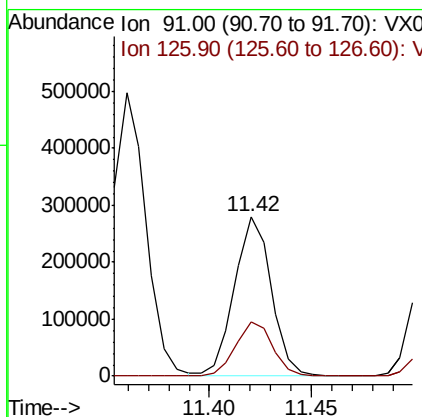
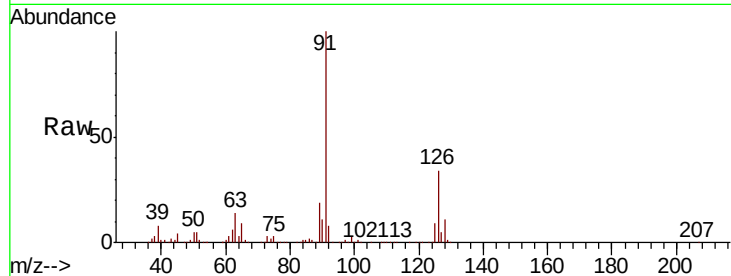




#79
 2-Chlorotoluene
 Concen: 49.583 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

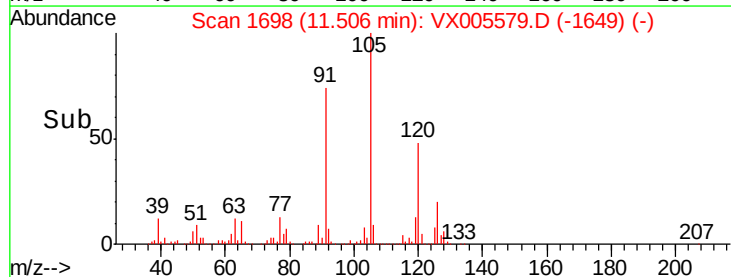
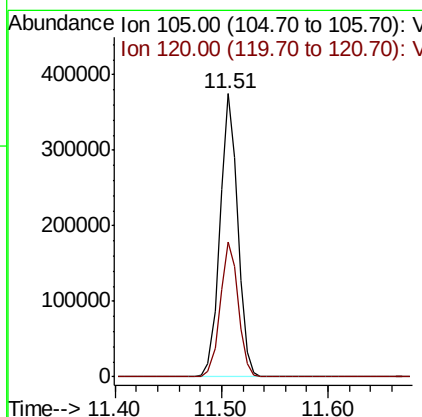
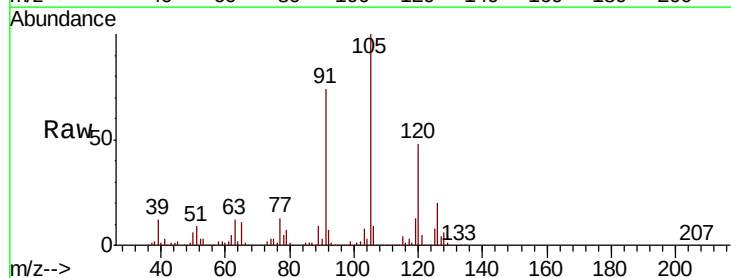
Instrument :
 MSVOA_X
 ClientSampleId :

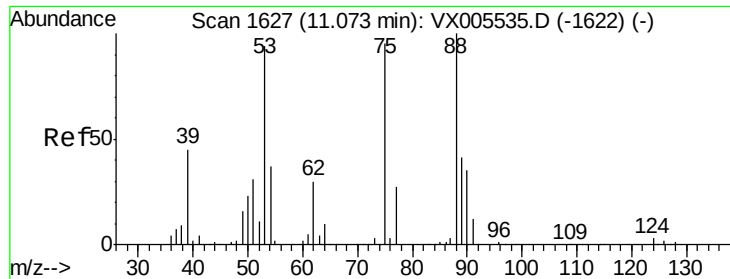
Tot Ion: 91 Resp: 346897
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.472 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion: 105 Resp: 434510
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 42.923 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

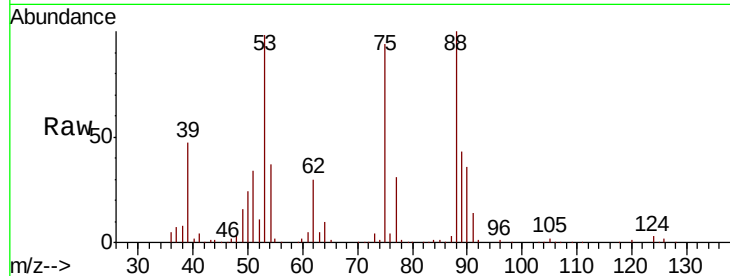
Tot Ion: 75 Resp: 44931

Ion Ratio Lower Upper

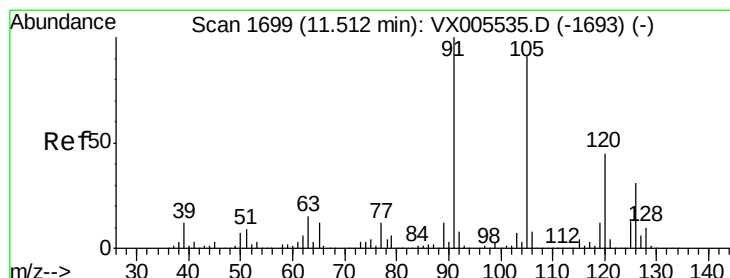
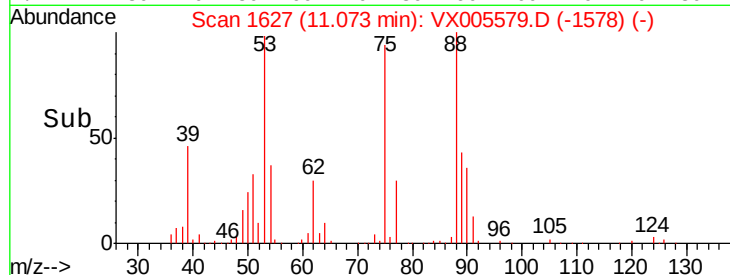
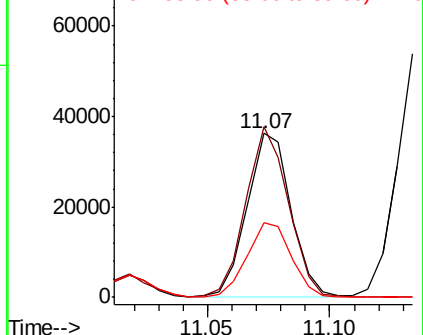
75 100

53 101.8 80.2 120.2

89 46.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.038 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005579.D

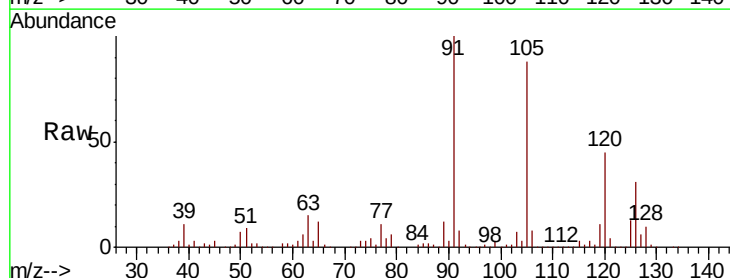
Acq: 25 Oct 2018 08:57

Tgt Ion: 91 Resp: 412800

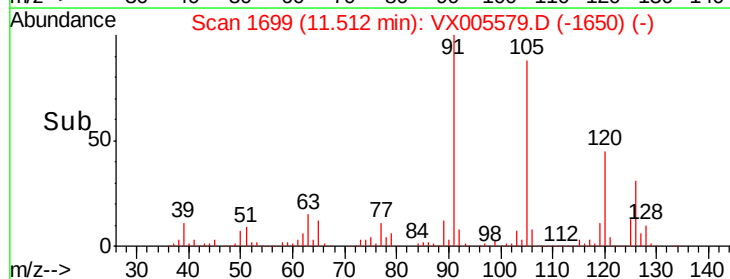
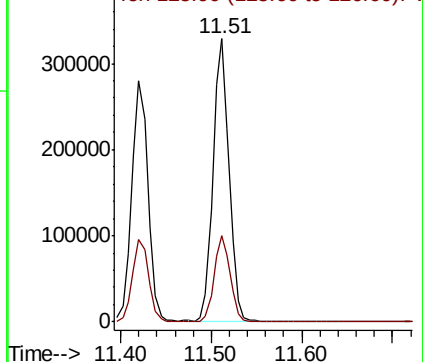
Ion Ratio Lower Upper

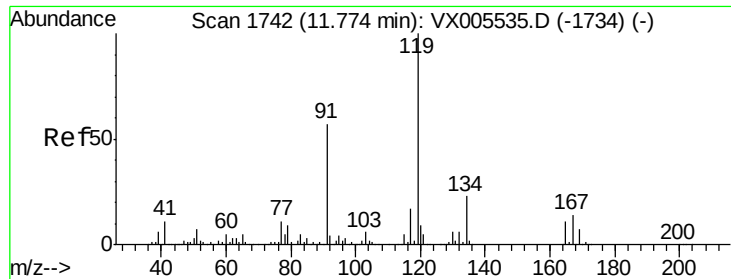
91 100

126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

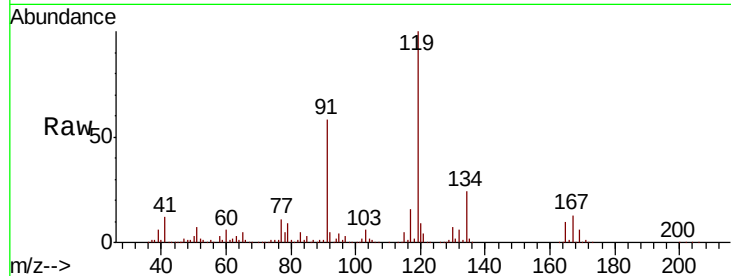




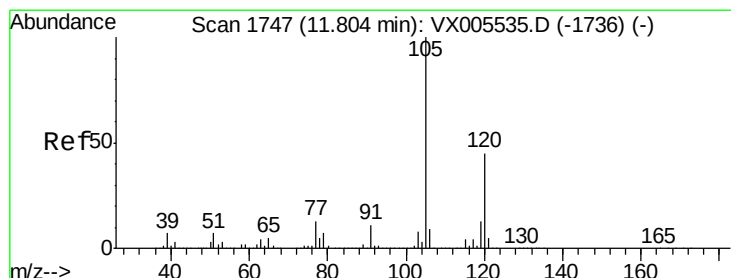
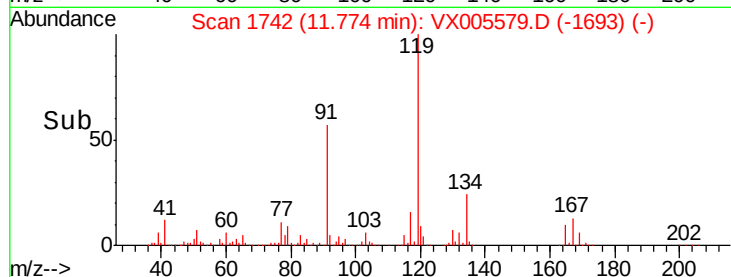
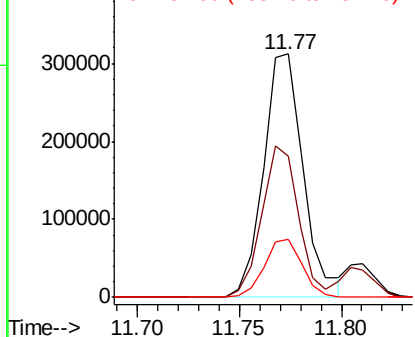
#83
 tert-Butylbenzene
 Concen: 50.329 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 423505
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.5 85.5
 134 22.8 11.3 33.8

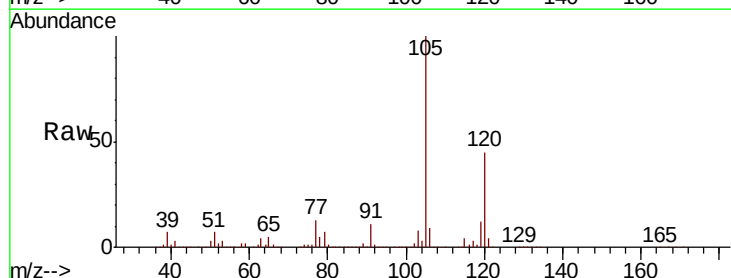


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

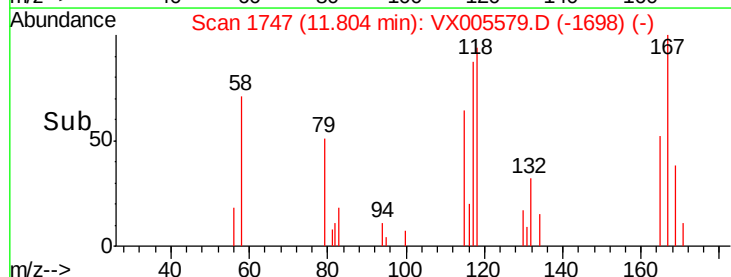
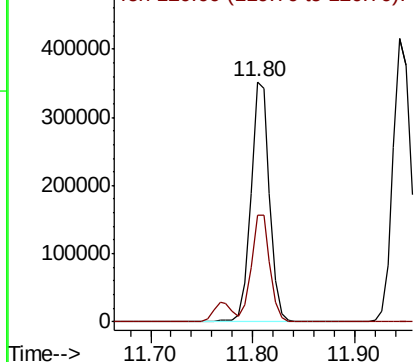


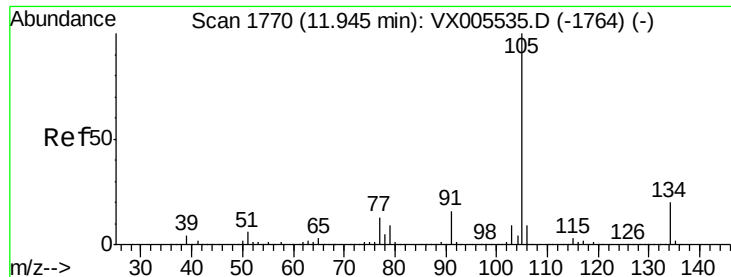
#84
 1,2,4-Trimethylbenzene
 Concen: 52.343 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion:105 Resp: 447825
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.129 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

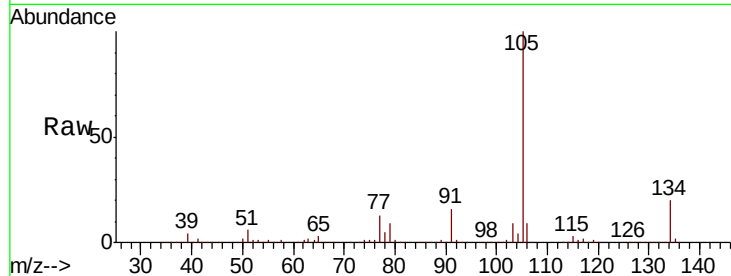
ClientSampled :

Tot Ion:105 Resp: 513375

Ion Ratio Lower Upper

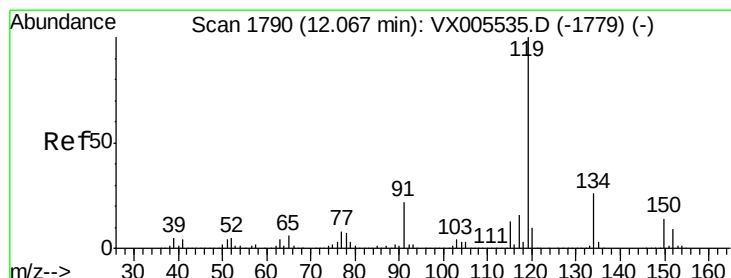
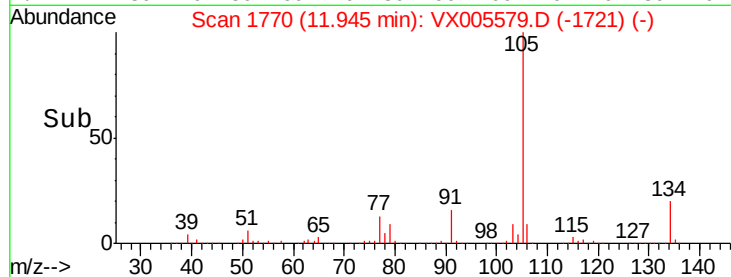
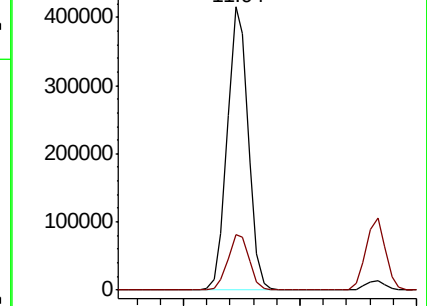
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.694 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

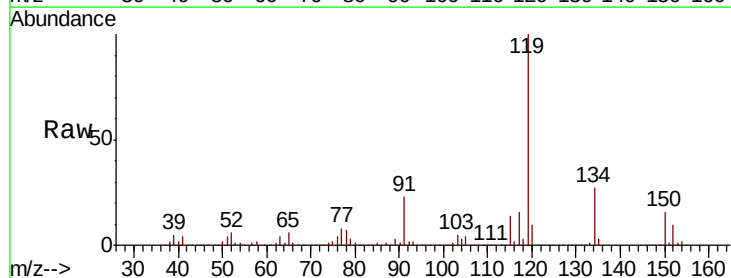
Tgt Ion:119 Resp: 463995

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

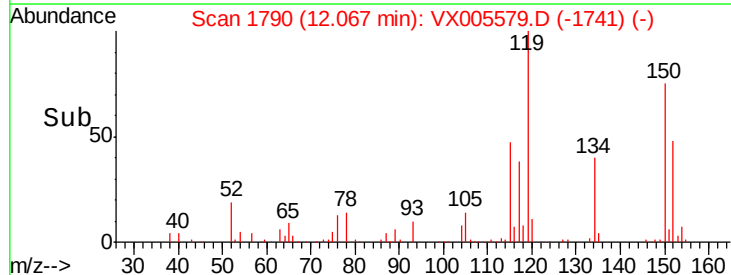
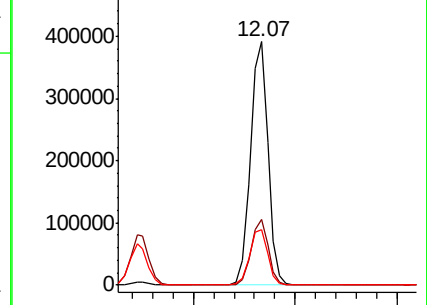
91 23.5 11.4 34.2

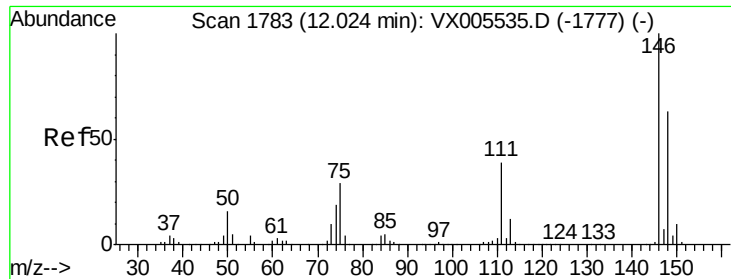


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

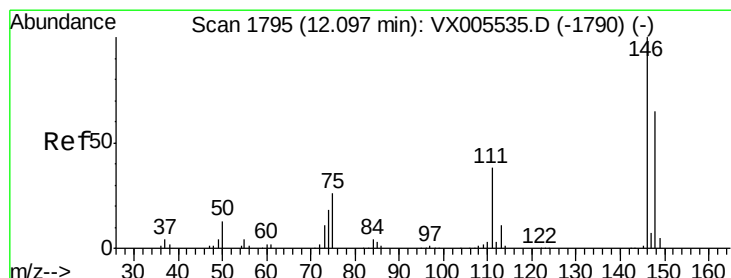
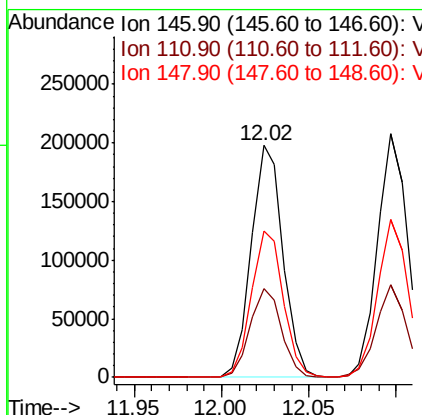
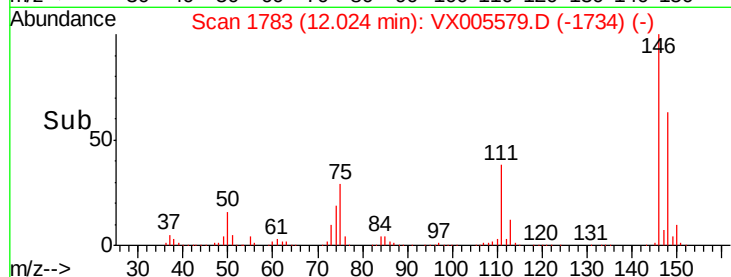
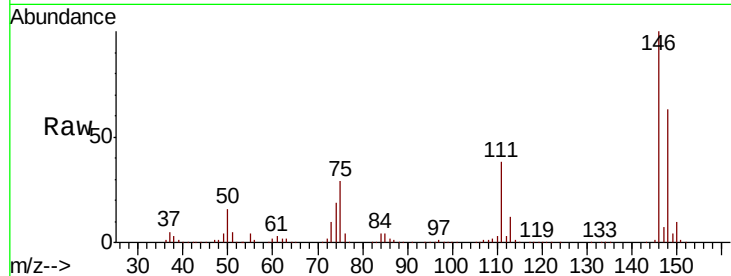




#87
 1,3-Dichlorobenzene
 Concen: 48.239 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

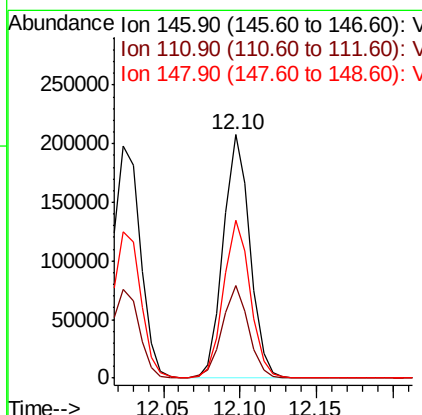
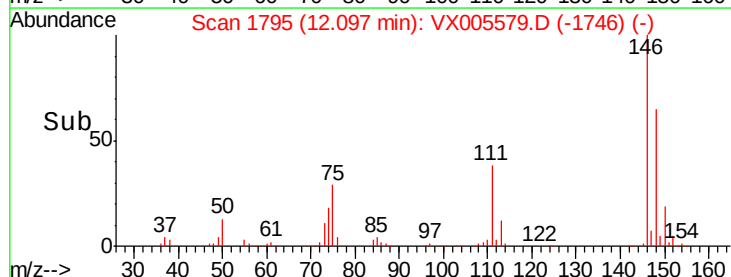
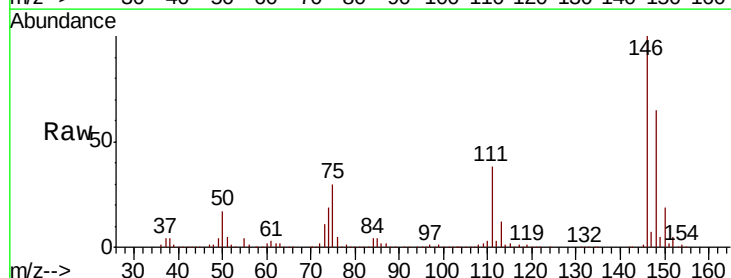
Instrument :
 MSVOA_X
 ClientSampleId :

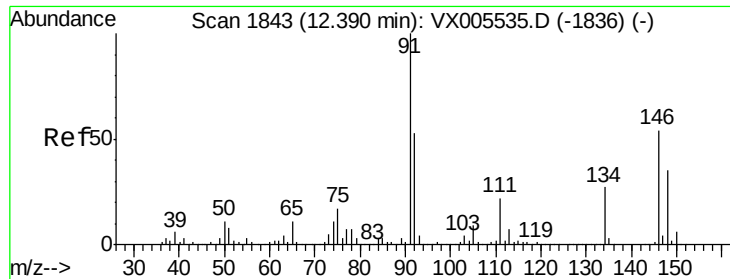
Tot Ion:146 Resp: 249470
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 46.509 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion:146 Resp: 251063
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 55.8
 148 65.0 32.1 96.3





#89

n-Butylbenzene

Concen: 50.035 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

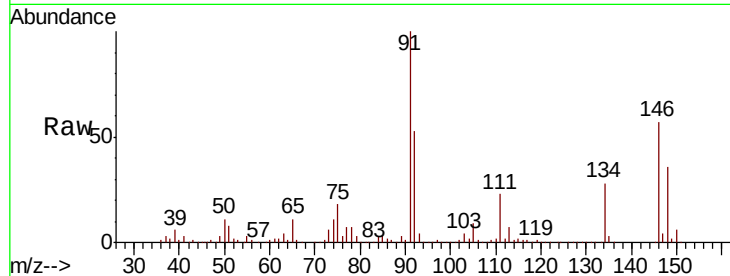
Tot Ion: 91 Resp: 405444

Ion Ratio Lower Upper

91 100

92 52.6 26.1 78.2

134 26.6 13.1 39.3

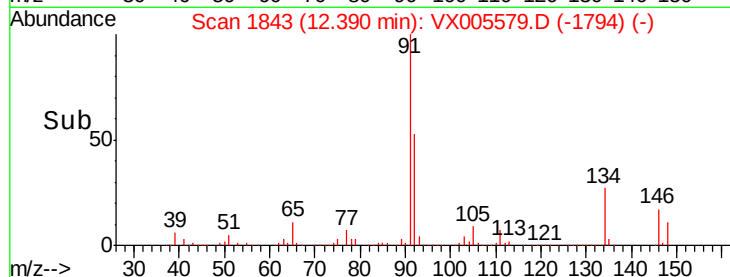


Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005535.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005535.D (-1836) (-)

Time-->

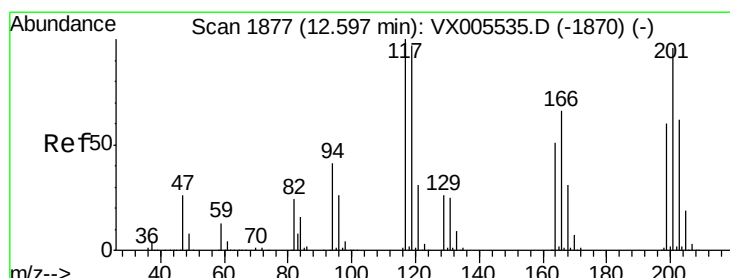


Abundance Ion 91.00 (90.70 to 91.70): VX005579.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005579.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005579.D (-1794) (-)

Time-->



#90

Hexachloroethane

Concen: 49.612 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005579.D

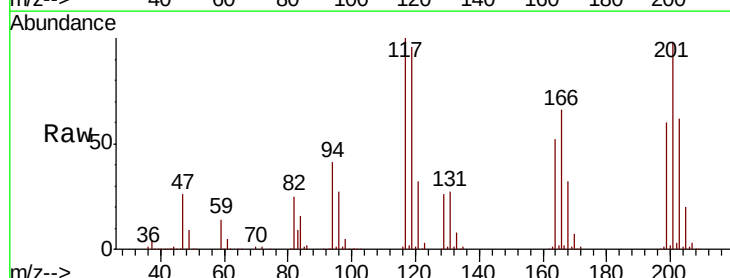
Acq: 25 Oct 2018 08:57

Tgt Ion: 117 Resp: 76804

Ion Ratio Lower Upper

117 100

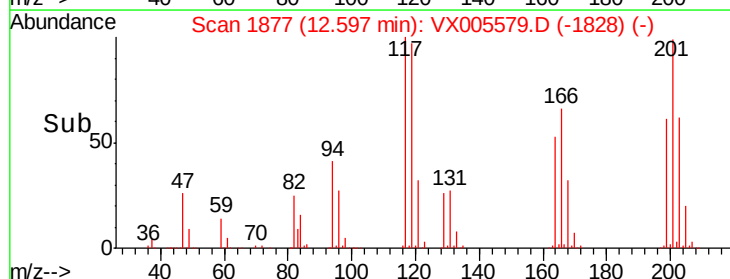
201 96.0 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005535.D (-1870) (-)

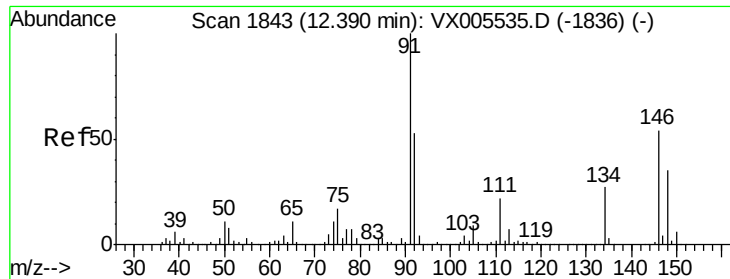
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX005579.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005579.D (-1828) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 48.311 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampled :

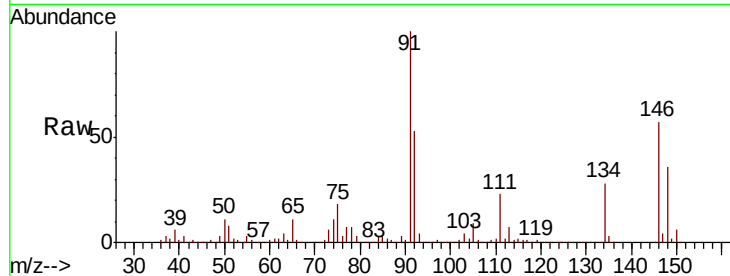
Tot Ion:146 Resp: 252772

Ion Ratio Lower Upper

146 100

111 39.1 20.0 59.9

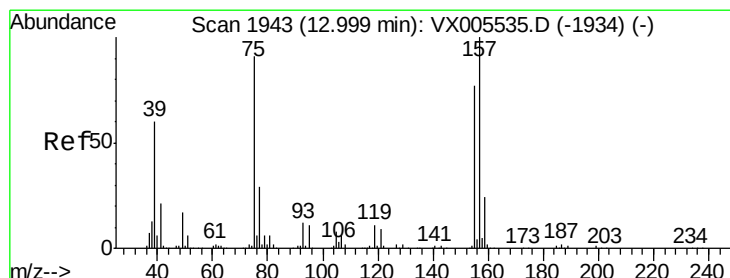
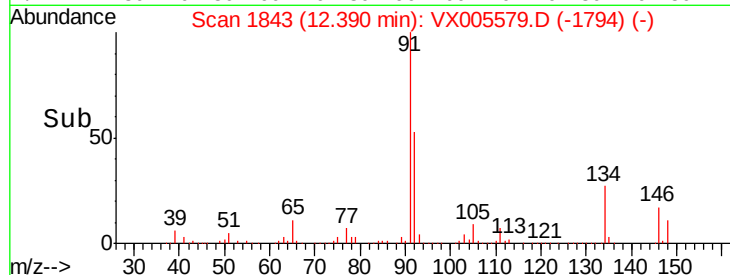
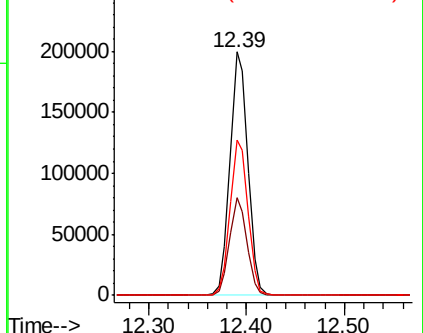
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.190 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

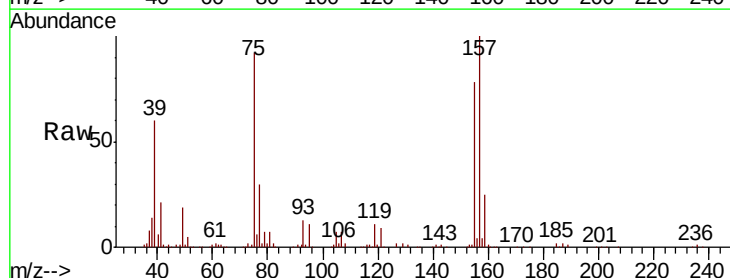
Tgt Ion: 75 Resp: 44181

Ion Ratio Lower Upper

75 100

155 90.1 45.4 136.1

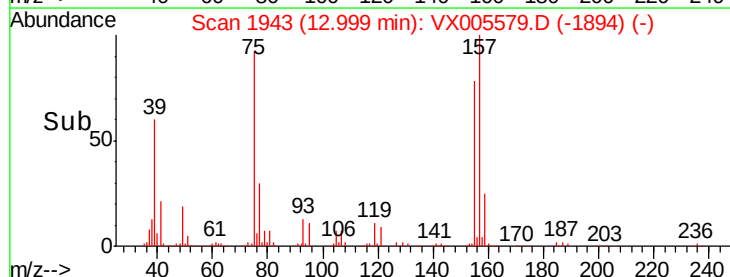
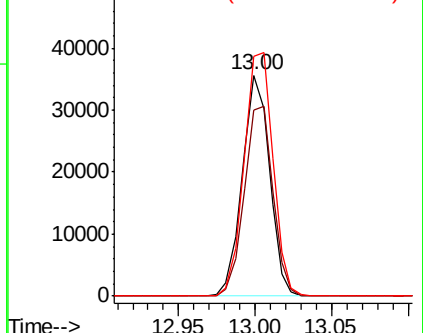
157 117.0 57.4 172.0

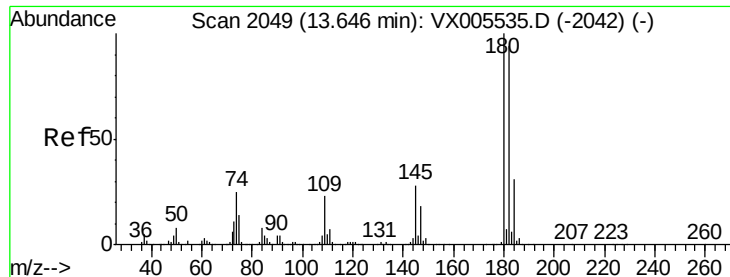


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

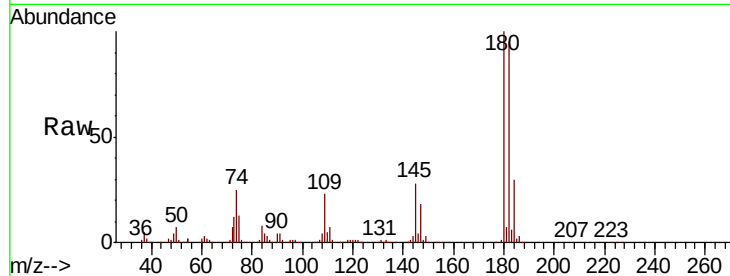




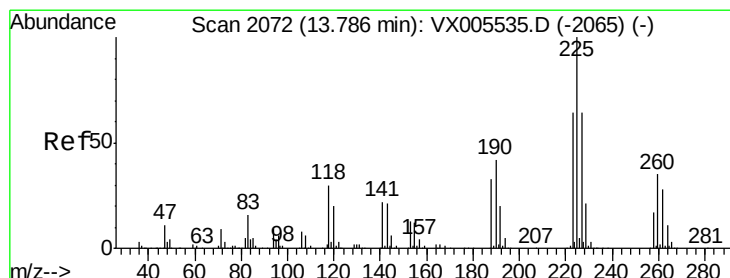
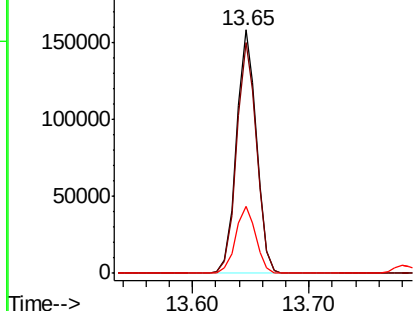
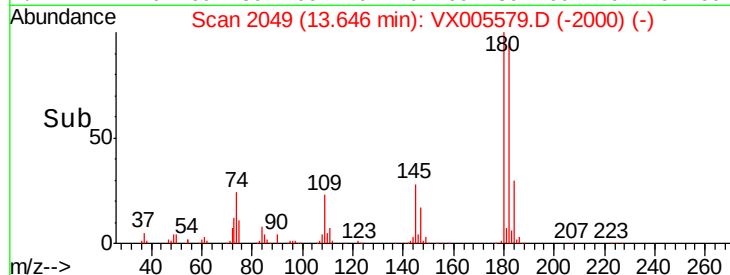
#93
 1,2,4-Trichlorobenzene
 Concen: 49.847 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 189063
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.8
 145 27.9 14.1 42.2

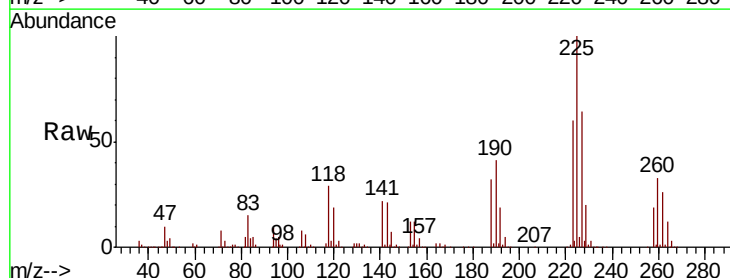


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

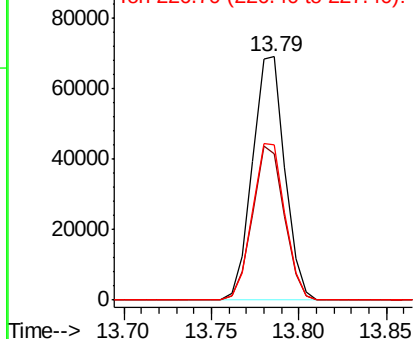
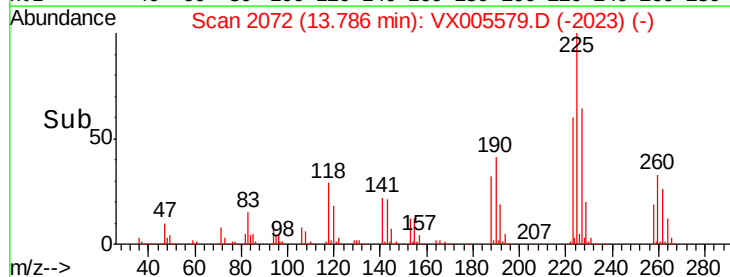


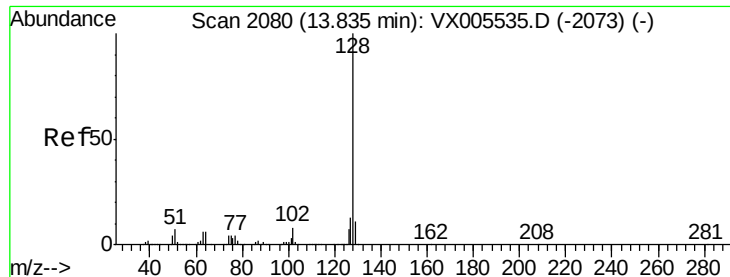
#94
 Hexachlorobutadiene
 Concen: 45.396 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005579.D
 Acq: 25 Oct 2018 08:57

Tgt Ion:225 Resp: 89227
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.7 95.1
 227 64.3 32.3 96.9



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

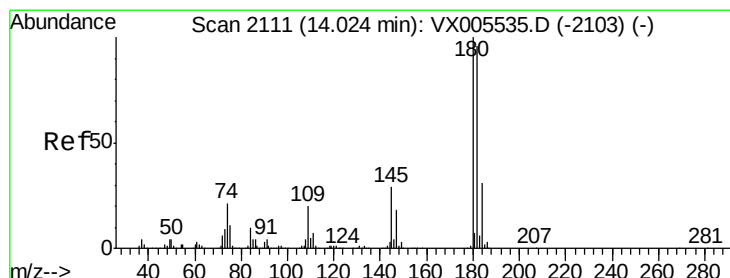
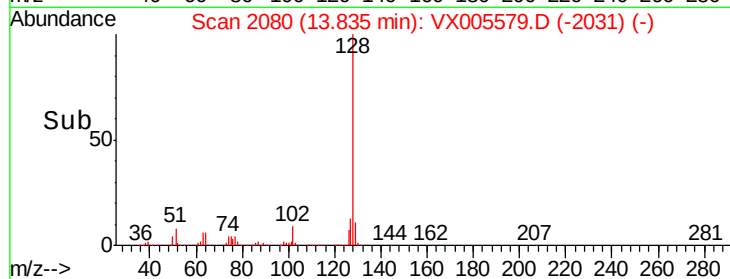
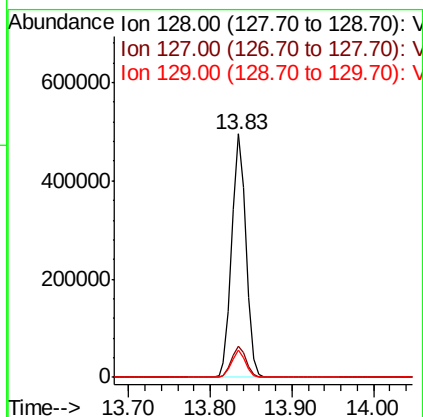
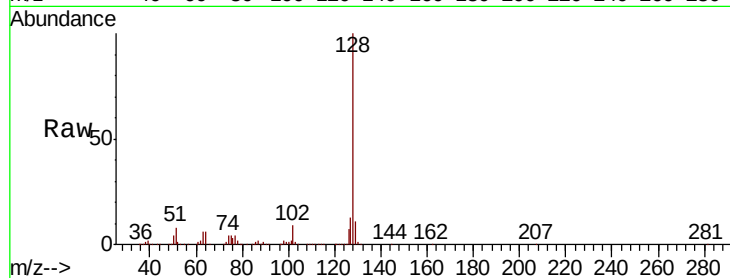




#95
Naphthalene
Concen: 53.405 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 588786
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.251 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005579.D
Acq: 25 Oct 2018 08:57

Tgt Ion:180 Resp: 193204
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.2
145 29.6 15.1 45.3

