

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005039.D
 Acq On : 05 Oct 2018 00:30
 Operator : JC/MD
 Sample : J5207-18MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 03:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161955	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.50	113	127413	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	8.72	98	481328	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	11.14	95	177549	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	150134	51.589	ug/l 99
3) Chloromethane	1.32	50	170136	48.187	ug/l 100
4) Vinyl Chloride	1.40	62	171601	51.820	ug/l 98
5) Bromomethane	1.64	94	113476	57.787	ug/l 96
6) Chloroethane	1.71	64	99309	55.274	ug/l 96
7) Trichlorofluoromethane	1.92	101	218938	53.405	ug/l 95
8) Diethyl Ether	2.19	74	91637	51.453	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120774	51.718	ug/l 99
10) Methyl Iodide	2.51	142	141908	45.412	ug/l 92
11) Tert butyl alcohol	3.08	59	224034	262.789	ug/l 99
12) 1,1-Dichloroethene	2.37	96	118198	51.108	ug/l 93
13) Acrolein	2.29	56	39093	64.450	ug/l 91
14) Allyl chloride	2.73	41	265984	52.711	ug/l 96
15) Acrylonitrile	3.15	53	516264	275.087	ug/l 97
16) Acetone	2.45	43	456863	256.657	ug/l 92
17) Carbon Disulfide	2.57	76	322134	46.355	ug/l 100
18) Methyl Acetate	2.78	43	256910	56.965	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	453217	56.814	ug/l 96
20) Methylene Chloride	2.85	84	142582	55.178	ug/l 88
21) trans-1,2-Dichloroethene	3.16	96	127774	50.471	ug/l 85
22) Diisopropyl ether	3.87	45	461882	54.357	ug/l 96
23) Vinyl Acetate	3.82	43	1717241	220.783	ug/l 98
24) 1,1-Dichloroethane	3.70	63	261665	51.624	ug/l 99
25) 2-Butanone	4.71	43	686222	261.532	ug/l 97
26) 2,2-Dichloropropane	4.58	77	136368	38.636	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	142931	50.538	ug/l 97
28) Bromochloromethane	5.02	49	121380	50.853	ug/l 98
29) Tetrahydrofuran	5.16	42	448086	274.762	ug/l 98
30) Chloroform	5.21	83	241562	50.427	ug/l 100
31) Cyclohexane	5.57	56	204682	52.761	ug/l 92
32) 1,1,1-Trichloroethane	5.49	97	203635	52.051	ug/l 95
36) 1,1-Dichloropropene	5.80	75	175815	47.166	ug/l 94
37) Ethyl Acetate	4.86	43	209567	42.354	ug/l 98
38) Carbon Tetrachloride	5.78	117	177574	45.319	ug/l 99

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Quant Time: Oct 05 03:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191496	50.311	ug/l #	85
40) Benzene	6.14	78	544297	46.641	ug/l	95
41) Methacrylonitrile	5.06	41	136592	49.778	ug/l	98
42) 1,2-Dichloroethane	6.20	62	199061	48.252	ug/l	97
43) Isopropyl Acetate	6.46	43	336617	47.134	ug/l	97
44) Trichloroethene	7.21	130	145459	50.704	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146100	51.052	ug/l	99
46) Dibromomethane	7.66	93	94511	52.549	ug/l	100
47) Bromodichloromethane	7.90	83	181550	53.915	ug/l	99
48) Methyl methacrylate	7.78	41	189871	58.575	ug/l	100
49) 1,4-Dioxane	7.76	88	82138	1019.954	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1290119	286.903	ug/l	99
52) Toluene	8.79	92	335438	52.311	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	194778	51.187	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	207926	52.168	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	144342	51.389	ug/l	96
56) Ethyl methacrylate	9.18	69	227201	49.856	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240737	51.497	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.27	63	1734	14.918	ug/l #	49
59) 2-Hexanone	9.50	43	1025257	273.607	ug/l	95
60) Dibromochloromethane	9.59	129	147970	52.676	ug/l	98
61) 1,2-Dibromoethane	9.68	107	148075	49.225	ug/l	95
64) Tetrachloroethene	9.34	164	143646	47.046	ug/l	96
65) Chlorobenzene	10.14	112	381972	48.016	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	138787	49.626	ug/l	99
67) Ethyl Benzene	10.26	91	636232	50.376	ug/l	97
68) m/p-Xylenes	10.36	106	497059	100.714	ug/l	95
69) o-Xylene	10.70	106	242463	53.488	ug/l	98
70) Styrene	10.71	104	408078	48.212	ug/l	100
71) Bromoform	10.86	173	120758	50.436	ug/l #	96
73) Isopropylbenzene	11.02	105	638983	54.023	ug/l	99
74) N-amyl acetate	10.90	43	271484	42.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	234401	48.684	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	265419	63.106	ug/l	86
77) Bromobenzene	11.26	156	175881	51.195	ug/l	99
78) n-propylbenzene	11.36	91	725738	53.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	444286	52.522	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	541546	49.955	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62196	40.716	ug/l	99
82) 4-Chlorotoluene	11.51	91	520771	52.303	ug/l	99
83) tert-Butylbenzene	11.77	119	536474	55.089	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	564144	50.463	ug/l	99
85) sec-Butylbenzene	11.94	105	628072	52.950	ug/l	100
86) p-Isopropyltoluene	12.07	119	563349	52.421	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	315853	49.236	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322851	48.753	ug/l	100
89) n-Butylbenzene	12.39	91	496116	50.832	ug/l	100
90) Hexachloroethane	12.60	117	90345	50.492	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	323529	48.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54680	51.723	ug/l	99

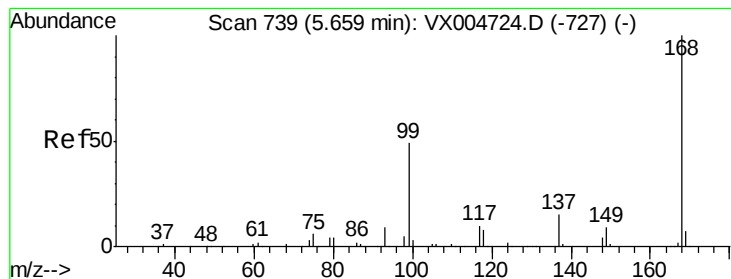
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234656	49.897	ug/l	100
94) Hexachlorobutadiene	13.79	225	106397	43.630	ug/l	98
95) Naphthalene	13.83	128	784450	50.253	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244577	50.345	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

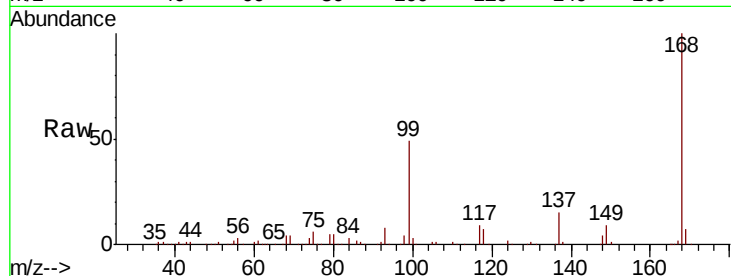
ClientSampleId :

Tot Ion:168 Resp: 213439

Ion Ratio Lower Upper

168 100

99 49.0 39.3 58.9



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

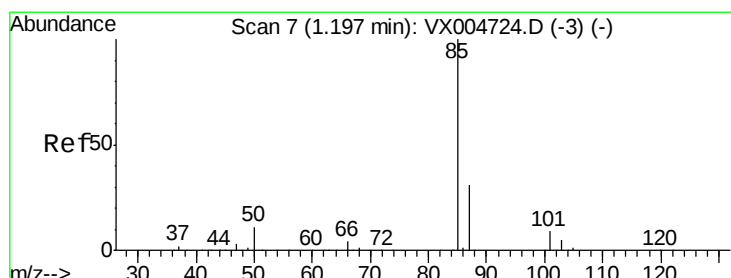
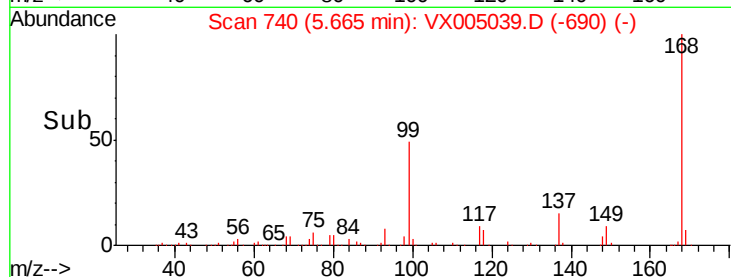
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 51.589 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005039.D

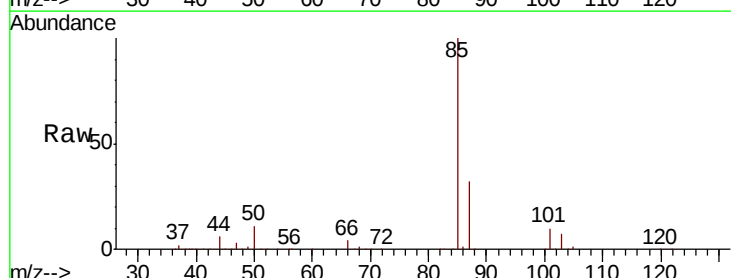
Acq: 05 Oct 2018 00:30

Tgt Ion: 85 Resp: 150134

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

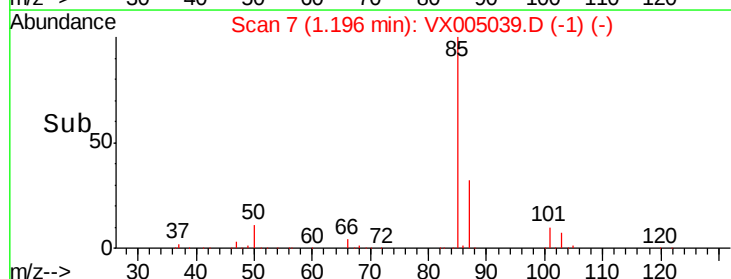
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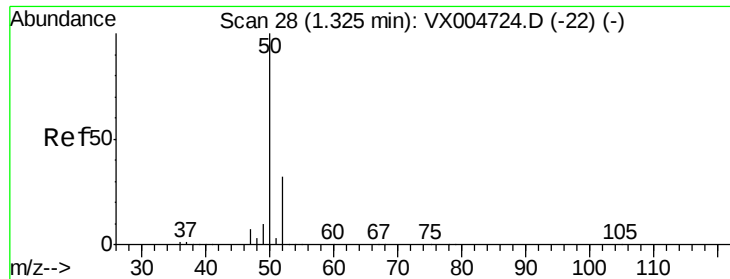
Time-->

1.10

1.20

1.30





#3

Chloromethane

Concen: 48.187 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

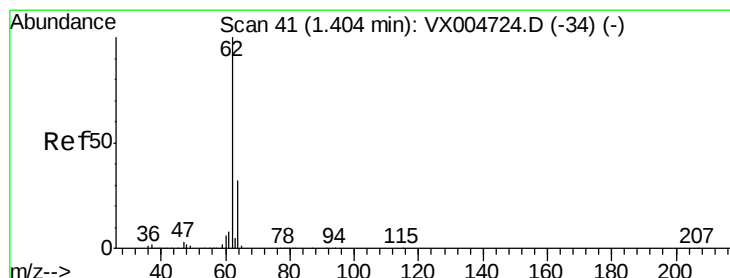
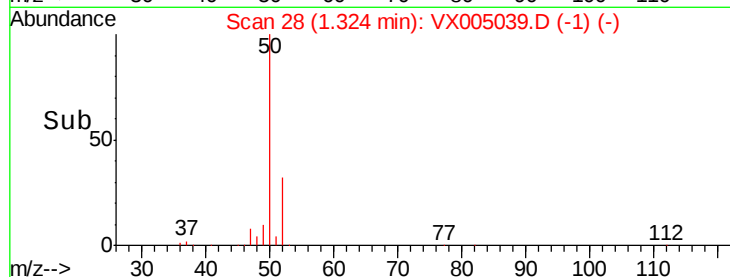
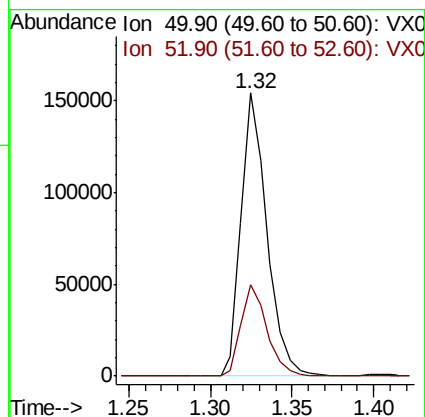
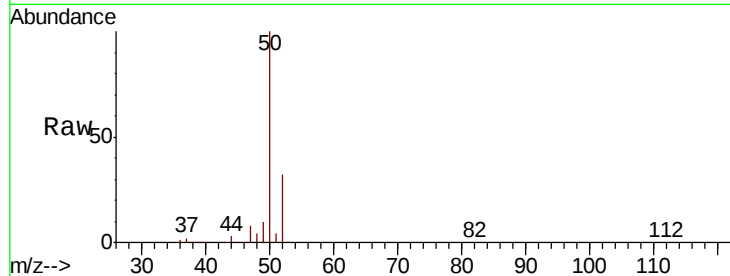
ClientSampleId :

Tot Ion: 50 Resp: 170136

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.6



#4

Vinyl Chloride

Concen: 51.820 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005039.D

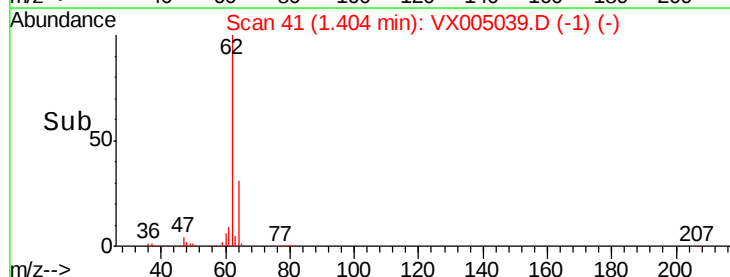
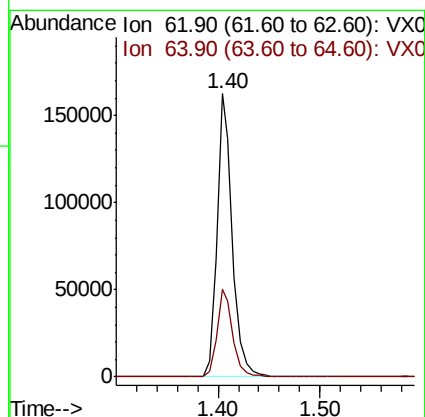
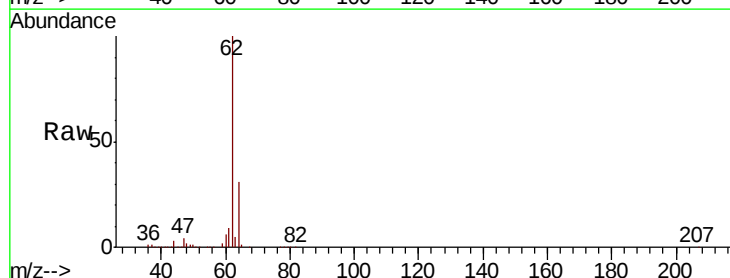
Acq: 05 Oct 2018 00:30

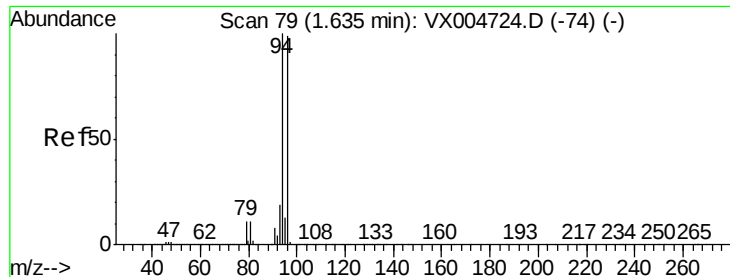
Tgt Ion: 62 Resp: 171601

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 57.787 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

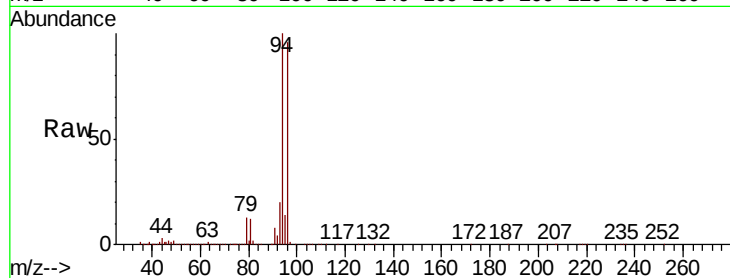
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 113476

Ion Ratio Lower Upper

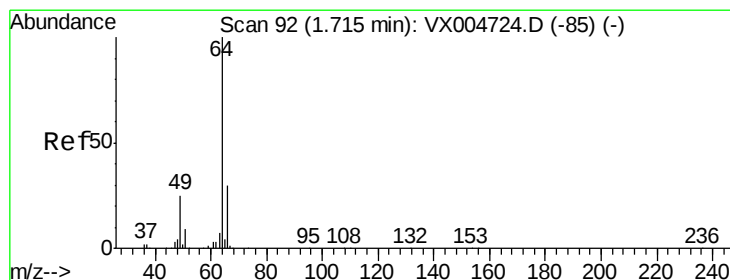
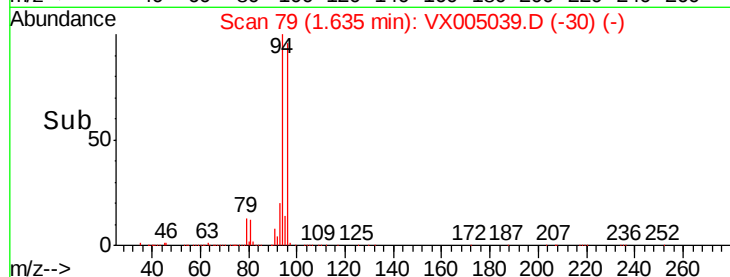
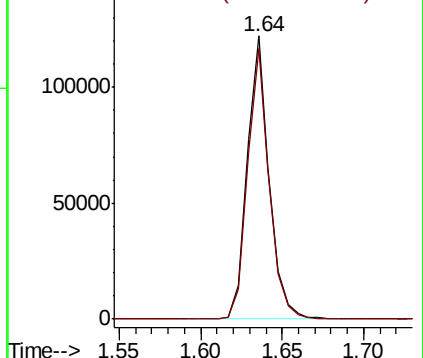
94 100

96 95.6 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.274 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005039.D

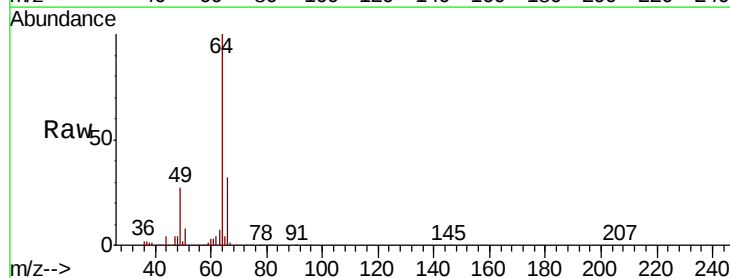
Acq: 05 Oct 2018 00:30

Tgt Ion: 64 Resp: 99309

Ion Ratio Lower Upper

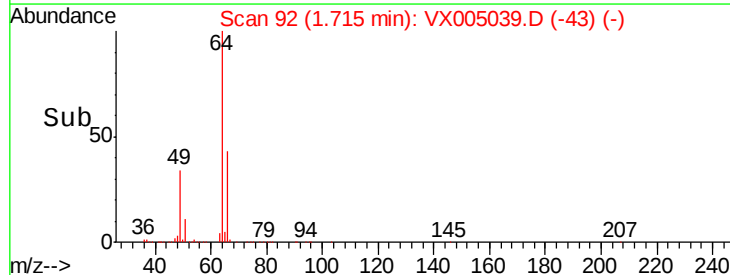
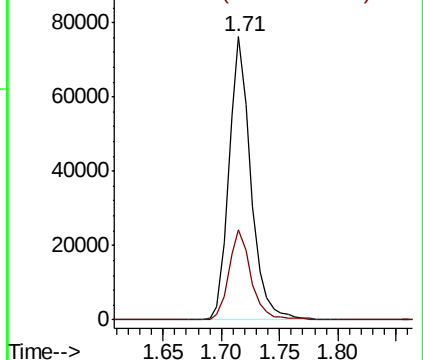
64 100

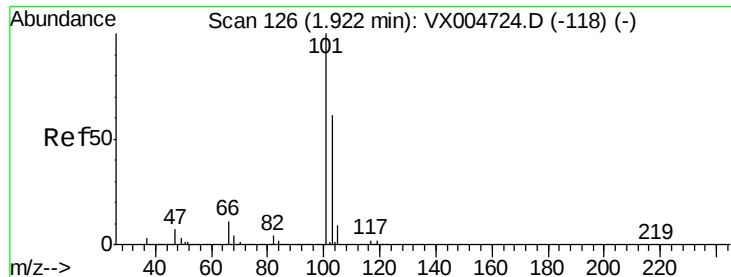
66 32.0 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



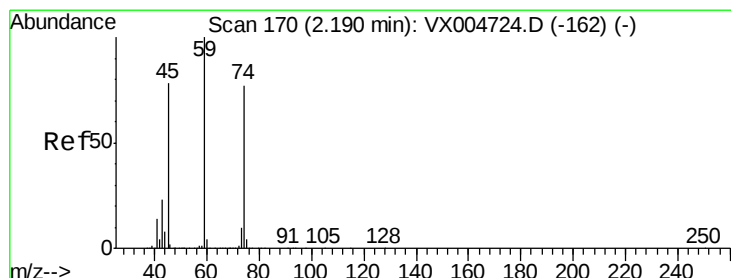
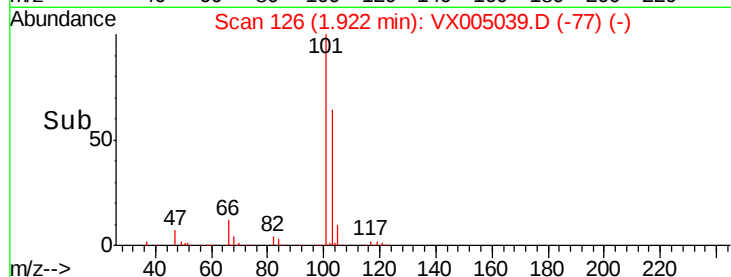
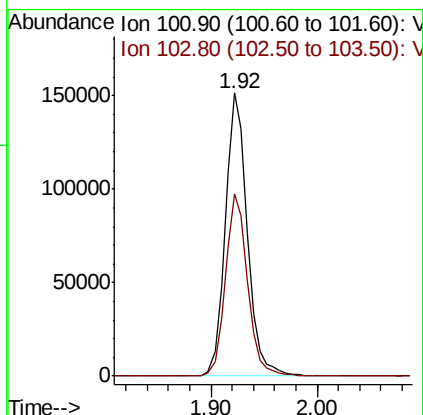
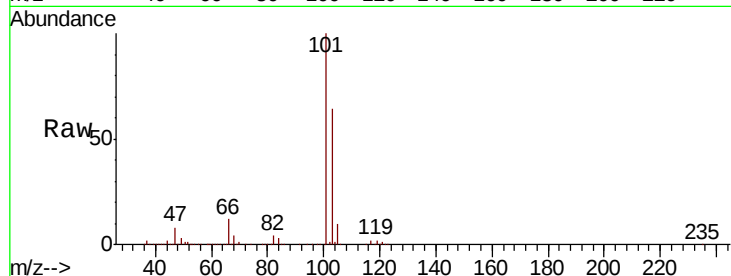


#7

Trichlorofluoromethane
Concen: 53.405 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :

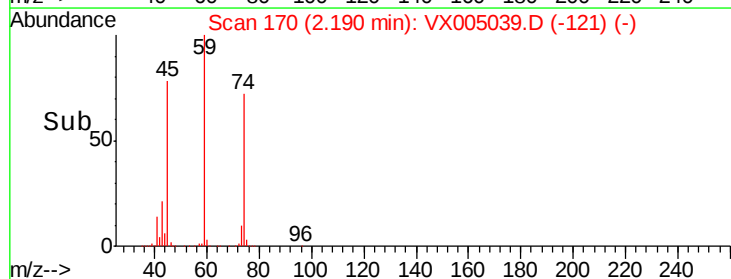
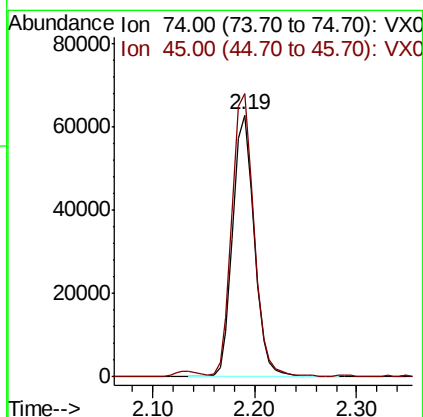
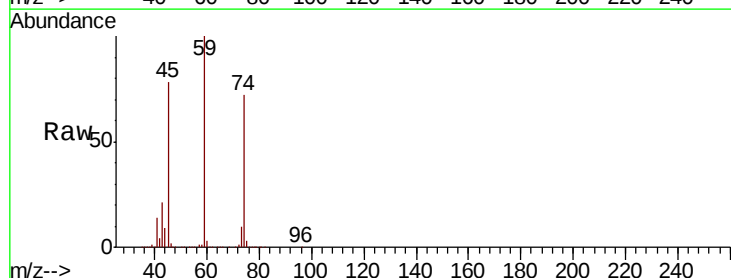
Tot Ion:101 Resp: 218938
Ion Ratio Lower Upper
101 100
103 64.4 48.4 72.6

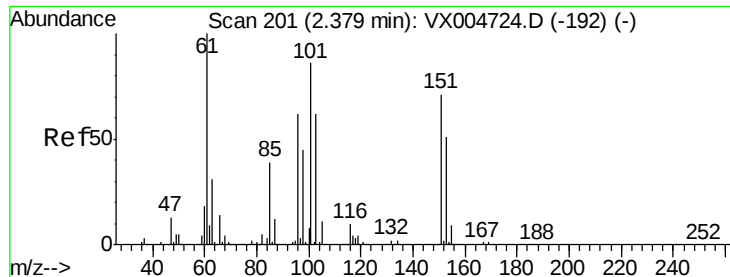


#8

Diethyl Ether
Concen: 51.453 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 74 Resp: 91637
Ion Ratio Lower Upper
74 100
45 110.2 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.718 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

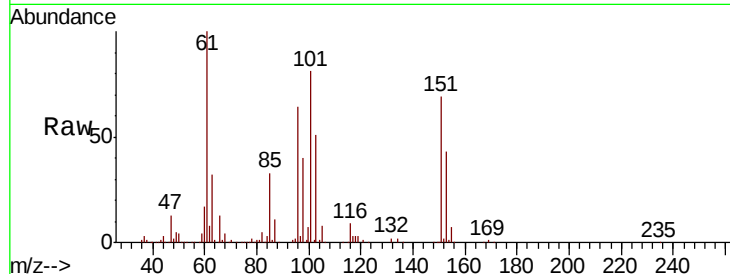
Tot Ion:101 Resp: 120774

Ion Ratio Lower Upper

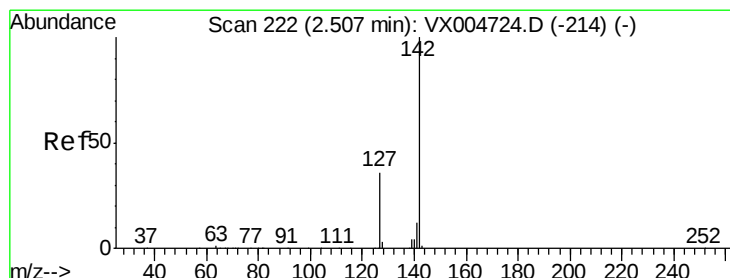
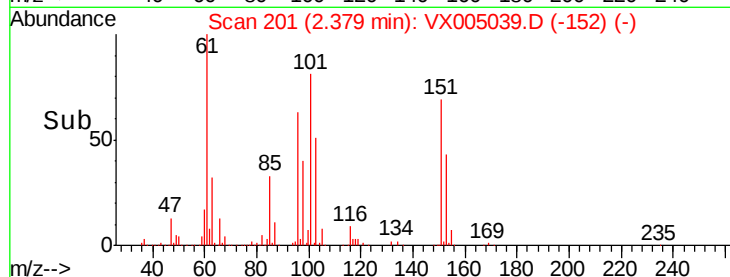
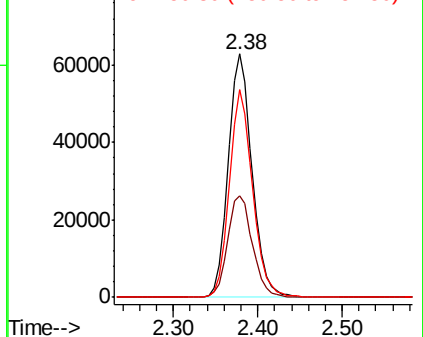
101 100

85 43.5 35.9 53.9

151 83.3 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.412 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

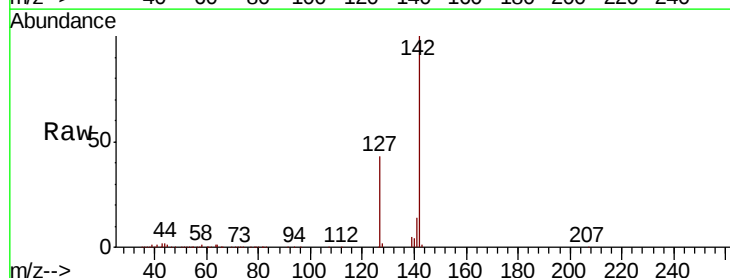
Tgt Ion:142 Resp: 141908

Ion Ratio Lower Upper

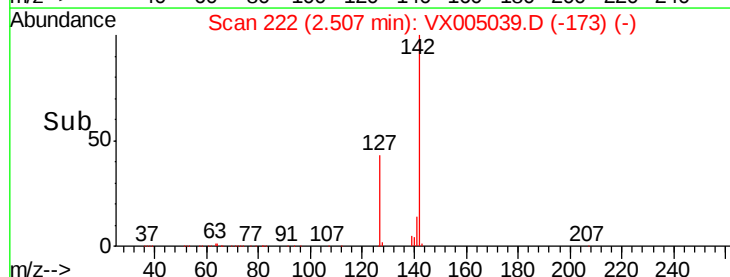
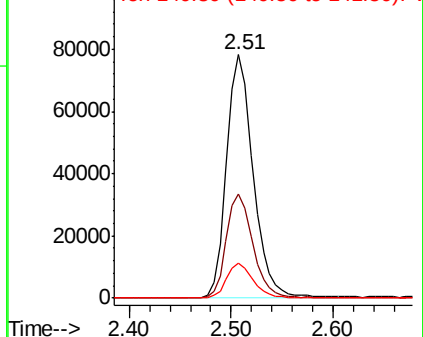
142 100

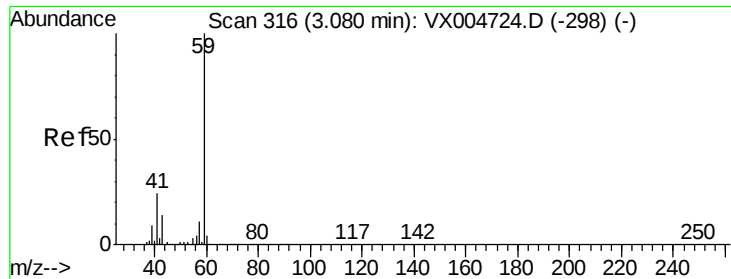
127 43.0 30.1 45.1

141 14.2 10.1 15.1



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



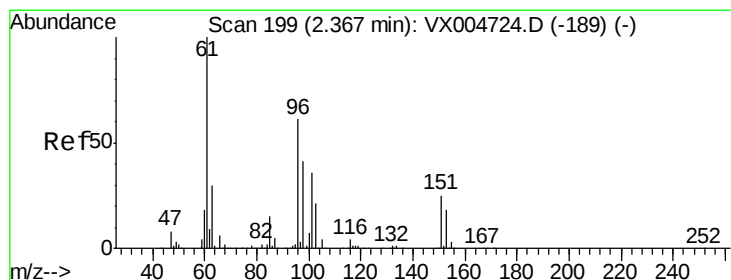
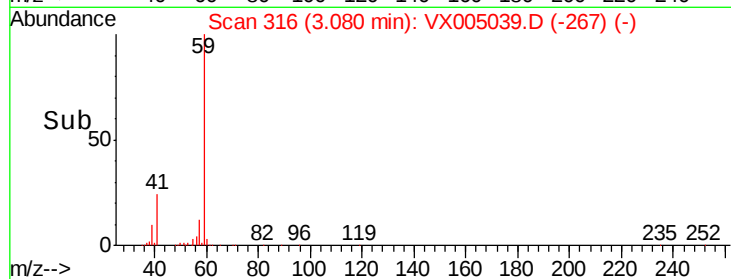
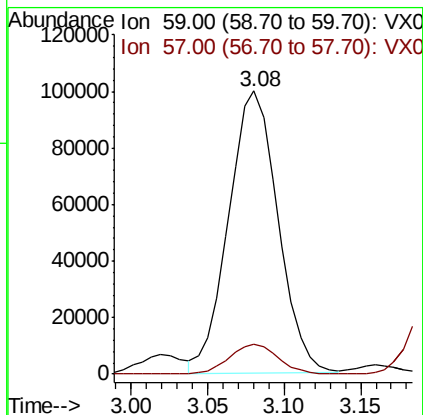
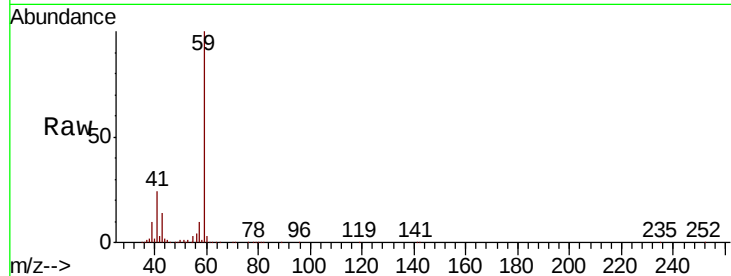


#11

Tert butyl alcohol
Concen: 262.789 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampled :

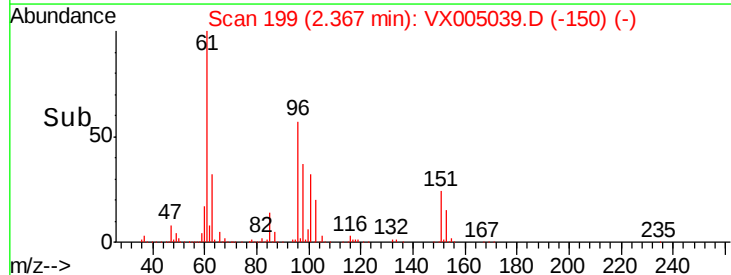
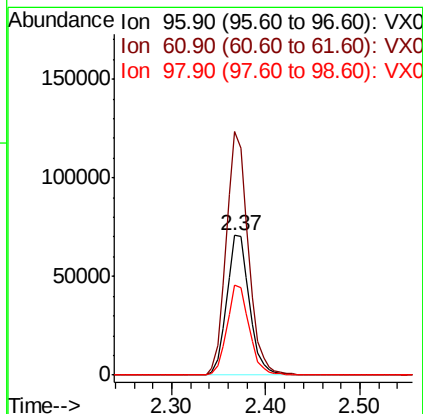
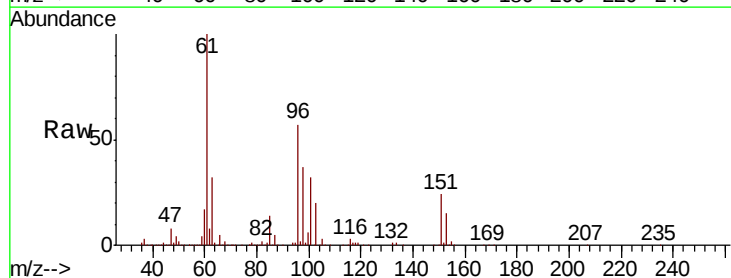
Tot Ion: 59 Resp: 224034
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

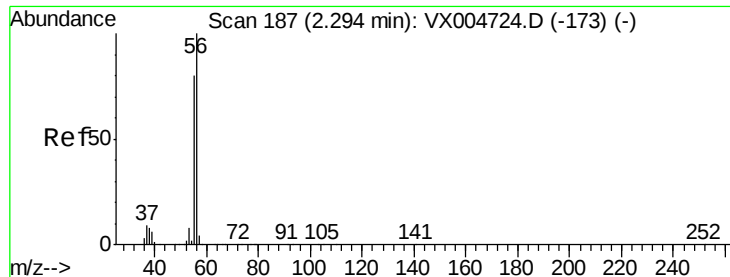


#12

1,1-Dichloroethene
Concen: 51.108 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 96 Resp: 118198
Ion Ratio Lower Upper
96 100
61 174.5 130.2 195.4
98 64.8 53.4 80.0





#13

Acrolein

Concen: 64.450 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

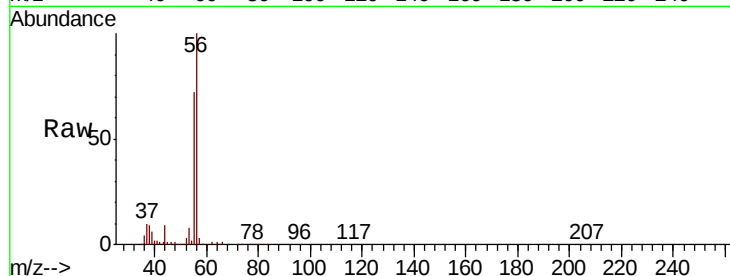
ClientSampled :

Tot Ion: 56 Resp: 39093

Ion Ratio Lower Upper

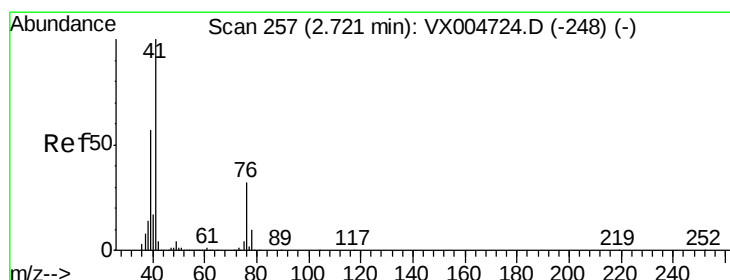
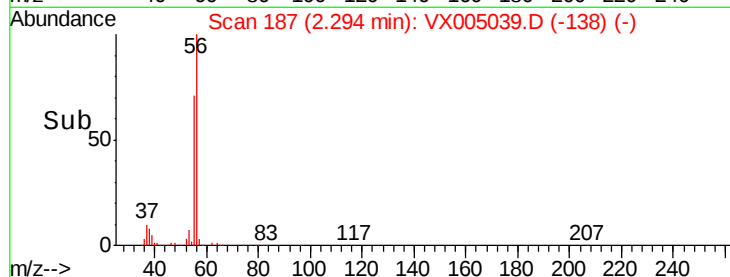
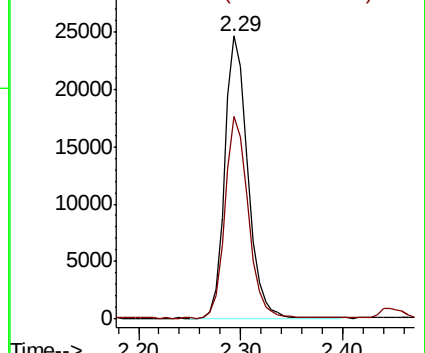
56 100

55 71.3 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.711 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

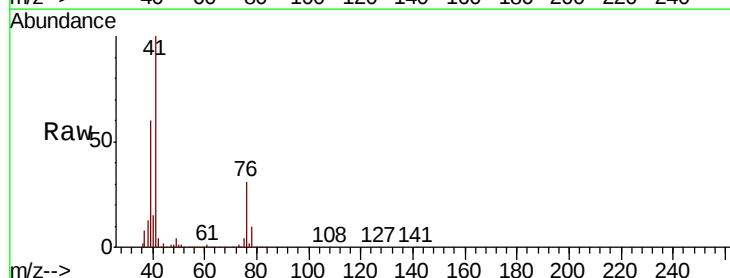
Tgt Ion: 41 Resp: 265984

Ion Ratio Lower Upper

41 100

39 57.5 44.1 66.1

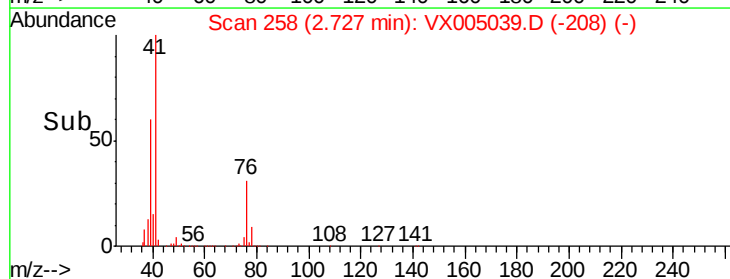
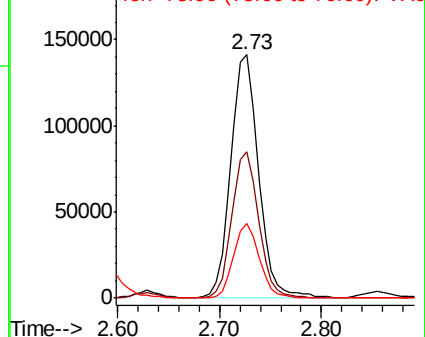
76 28.7 25.0 37.4

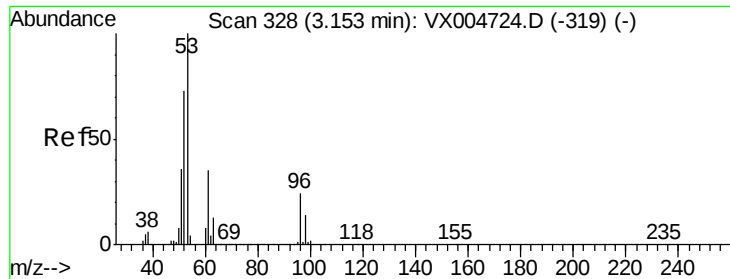


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 275.087 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

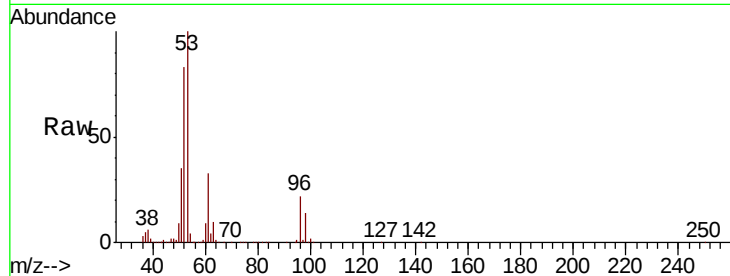
Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 516264

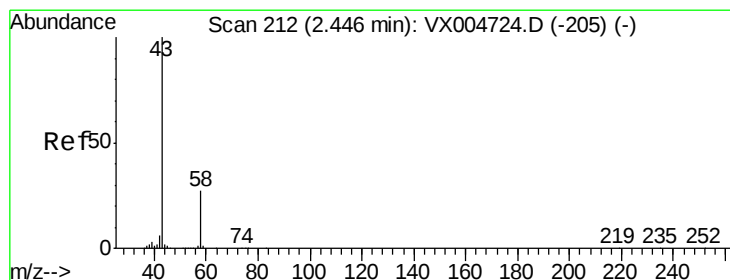
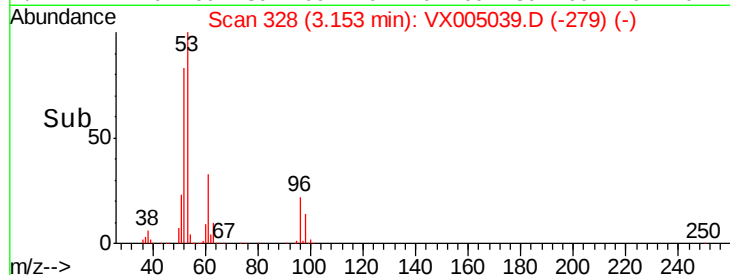
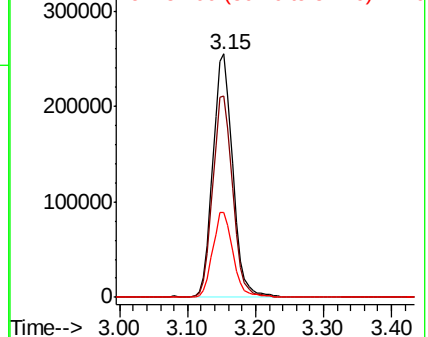
Ion	Ratio	Lower	Upper
53	100		
52	82.8	63.0	94.4
51	35.6	28.6	42.8



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: 256.657 ug/l

RT: 2.45 min Scan# 212

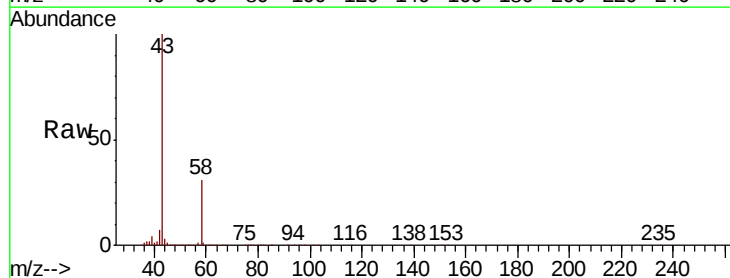
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

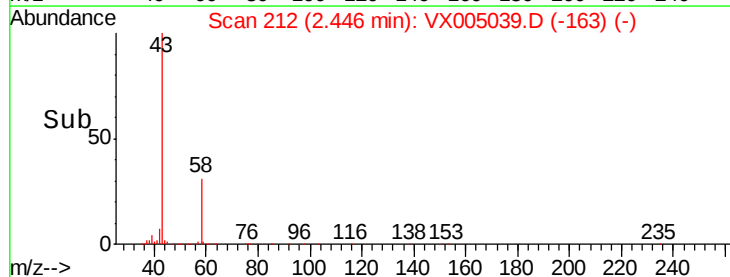
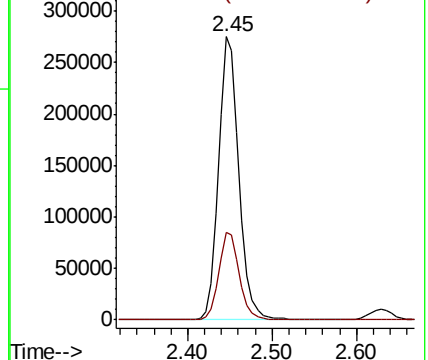
Tgt Ion: 43 Resp: 456863

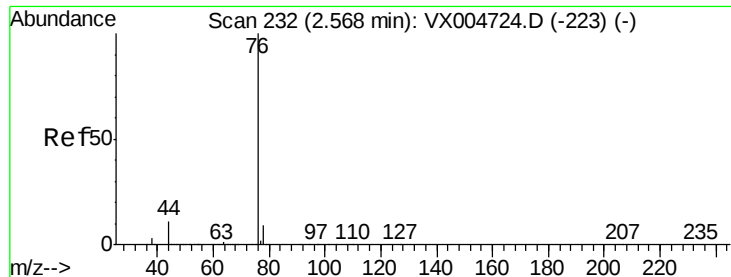
Ion	Ratio	Lower	Upper
43	100		
58	31.1	21.8	32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

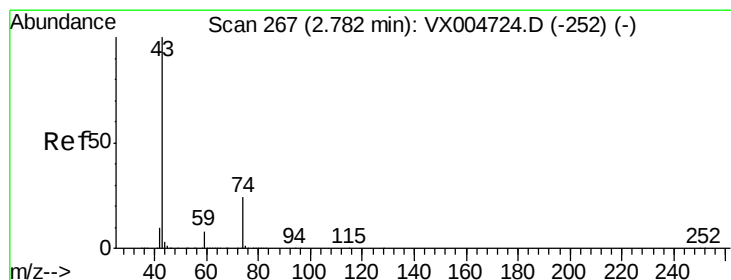
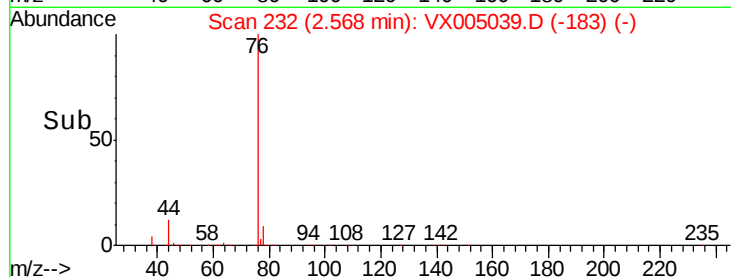
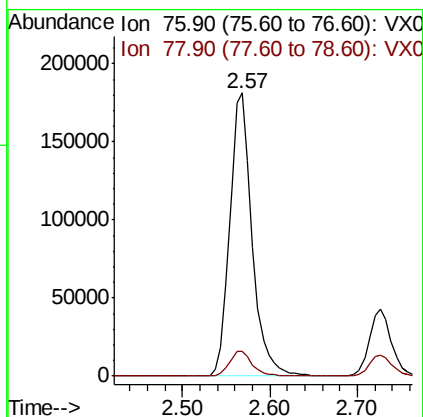
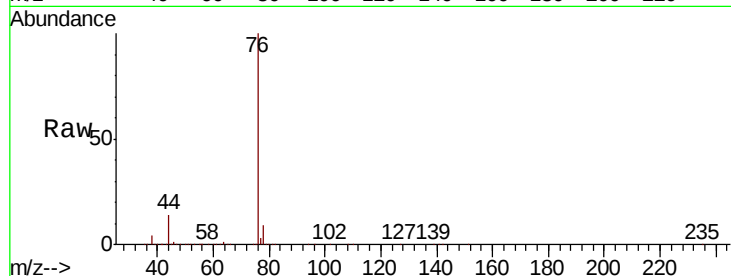




#17
Carbon Disulfide
Concen: 46.355 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

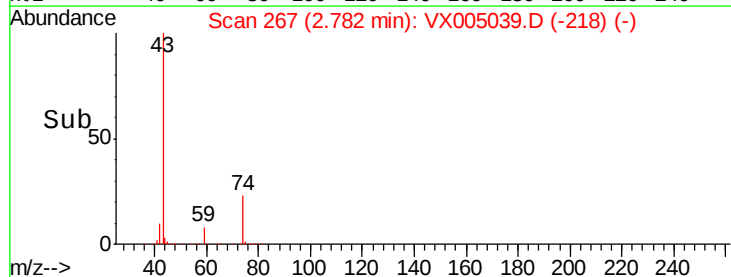
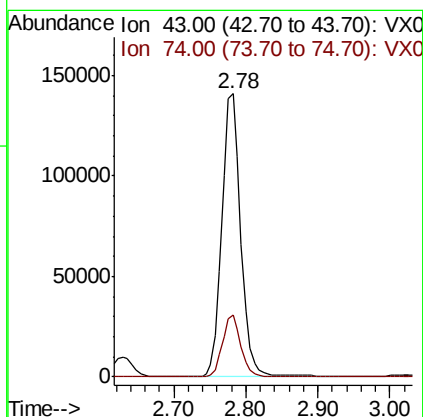
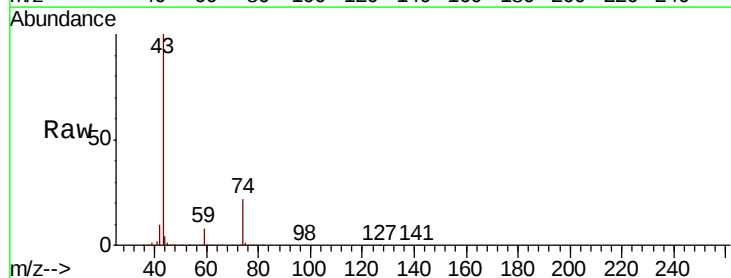
Instrument :
MSVOA_X
ClientSampled :

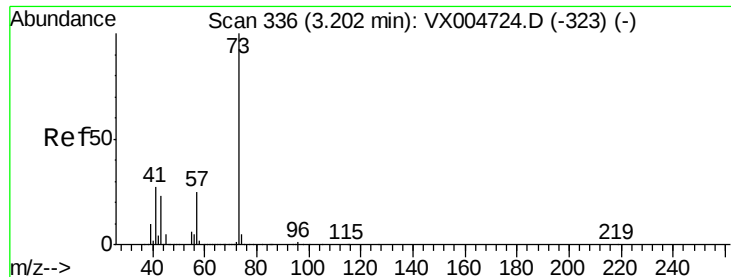
Tot Ion: 76 Resp: 322134
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 56.965 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 43 Resp: 256910
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.8



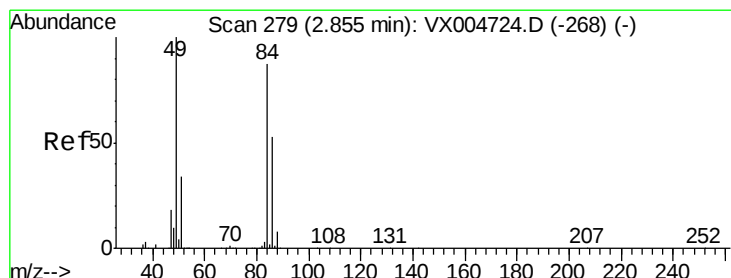
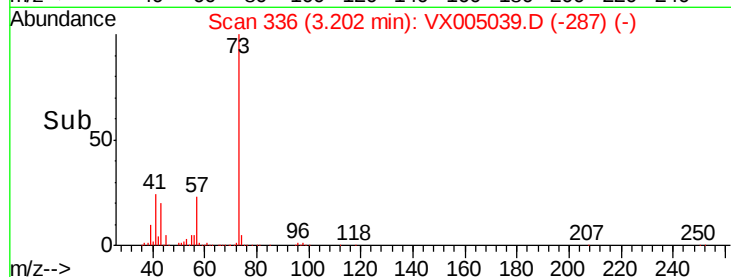
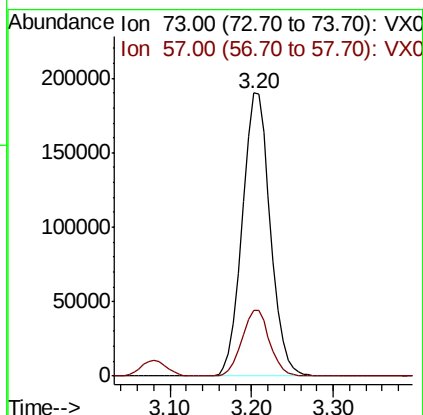
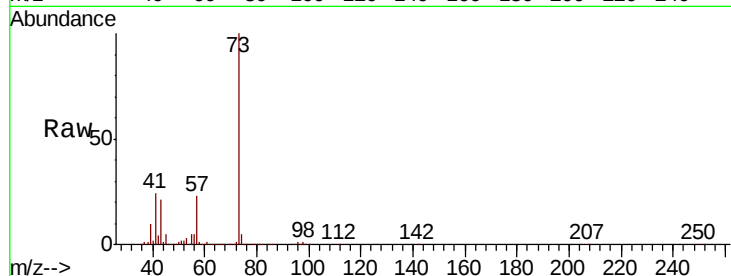


#19

Methyl tert-butyl Ether
 Concen: 56.814 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :

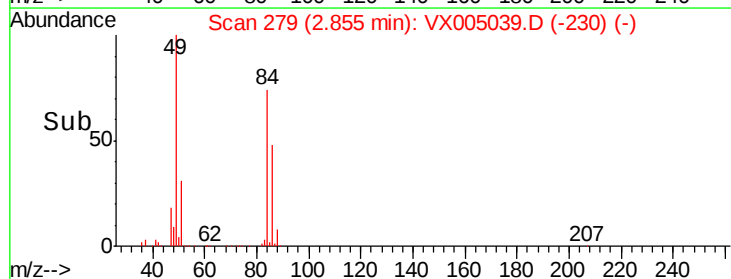
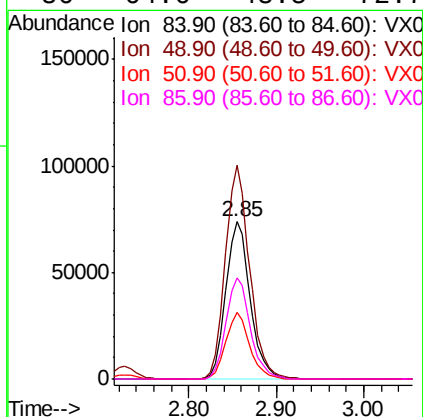
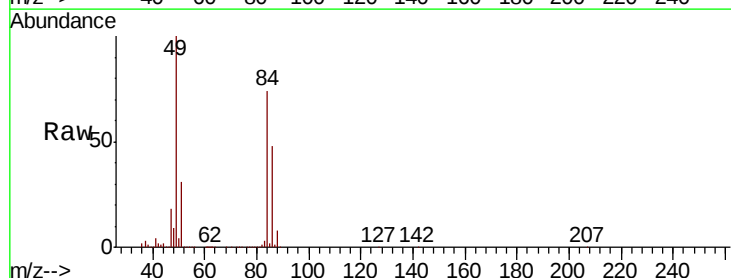
Tot Ion: 73 Resp: 453217
 Ion Ratio Lower Upper
 73 100
 57 23.0 19.9 29.9

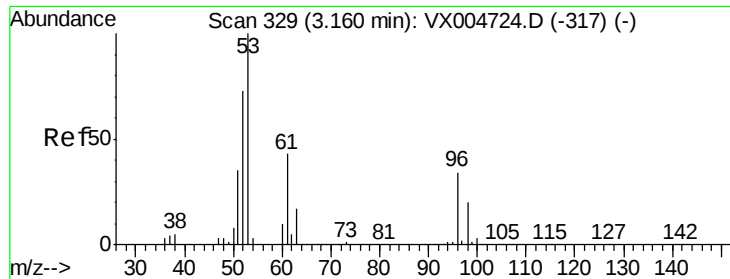


#20

Methylene Chloride
 Concen: 55.178 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 84 Resp: 142582
 Ion Ratio Lower Upper
 84 100
 49 135.7 92.3 138.5
 51 42.2 31.8 47.6
 86 64.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 50.471 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampled :

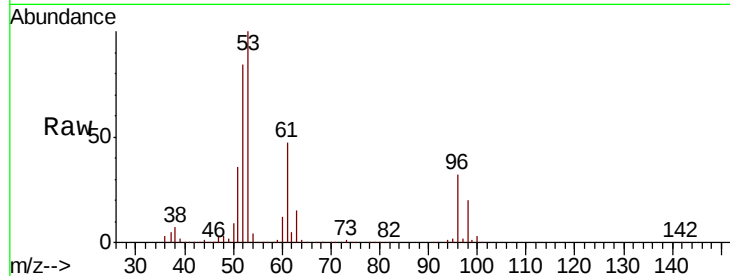
Tot Ion: 96 Resp: 127774

Ion Ratio Lower Upper

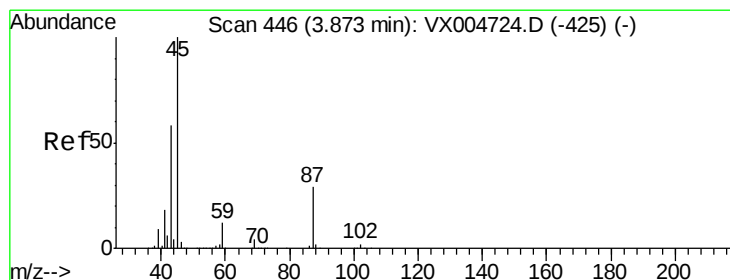
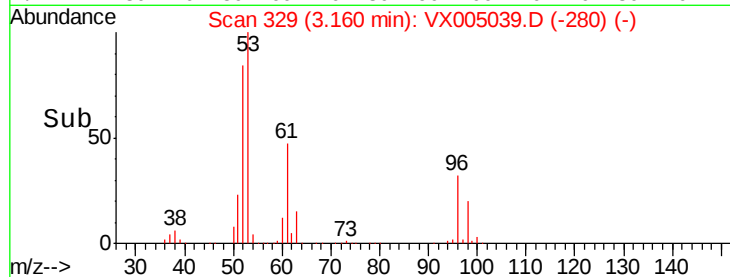
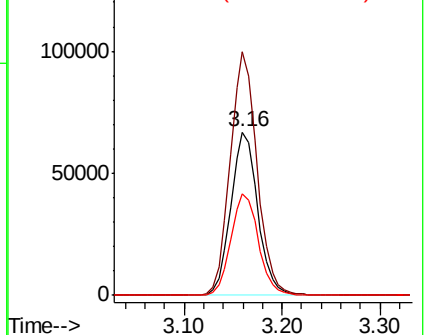
96 100

61 148.8 101.0 151.6

98 62.5 47.2 70.8



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: 54.357 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion: 45 Resp: 461882

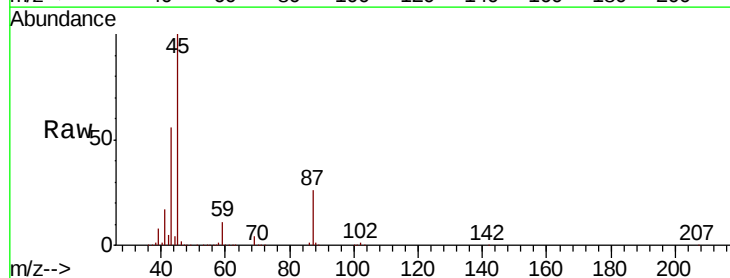
Ion Ratio Lower Upper

45 100

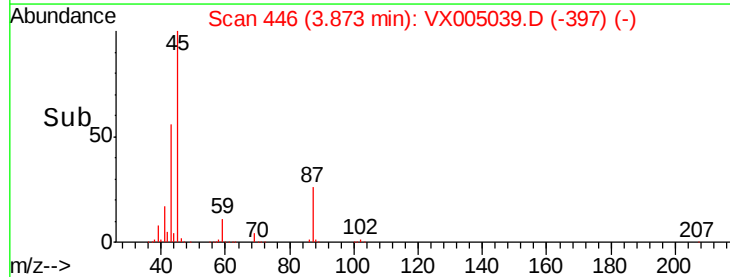
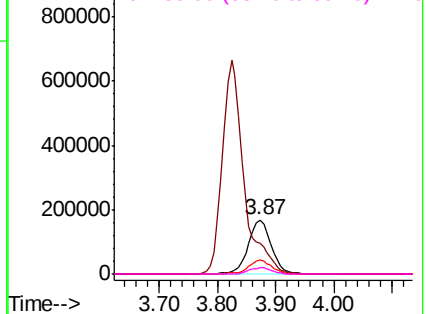
43 55.9 46.7 70.1

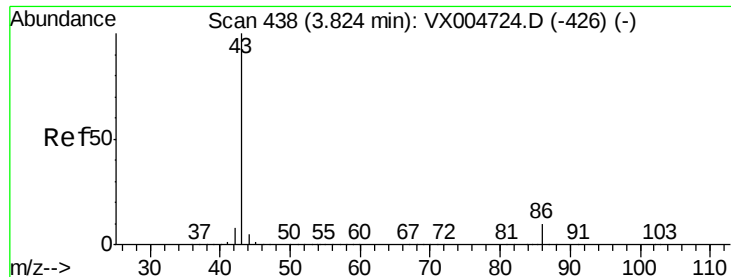
87 26.1 22.9 34.3

59 10.9 9.3 13.9



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: 220.783 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

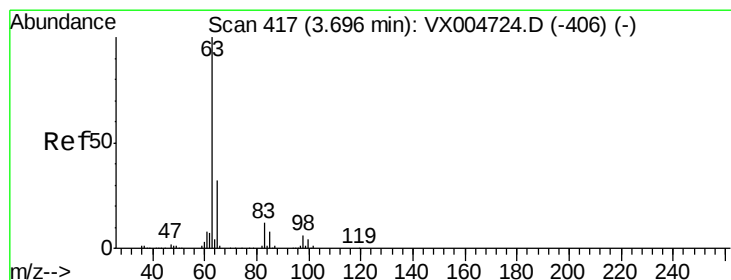
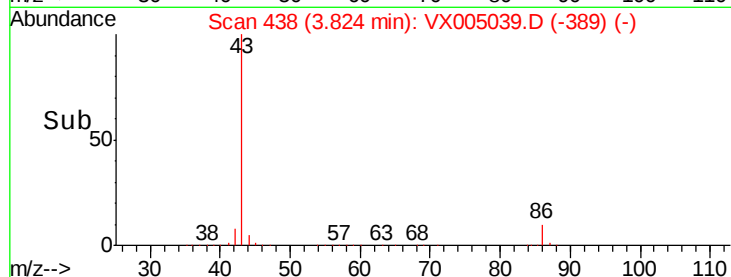
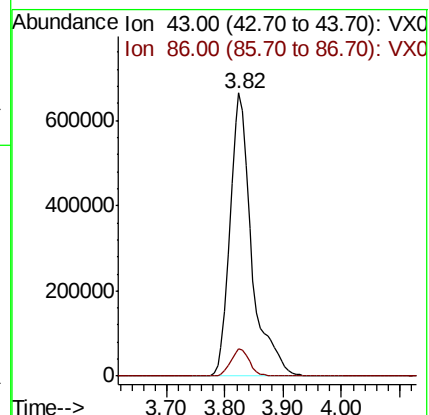
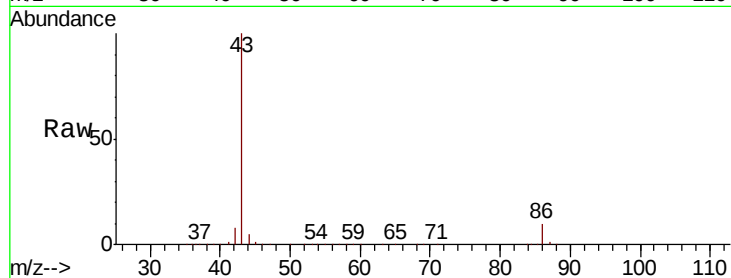
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1717241

Ion Ratio Lower Upper

43 100

86 9.5 8.1 12.1



#24

1,1-Dichloroethane

Concen: 51.624 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

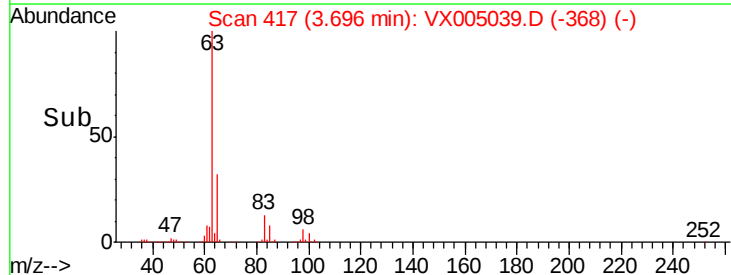
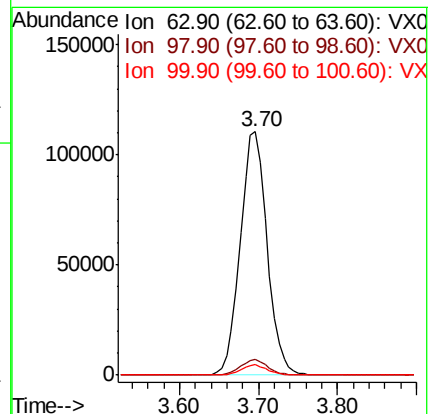
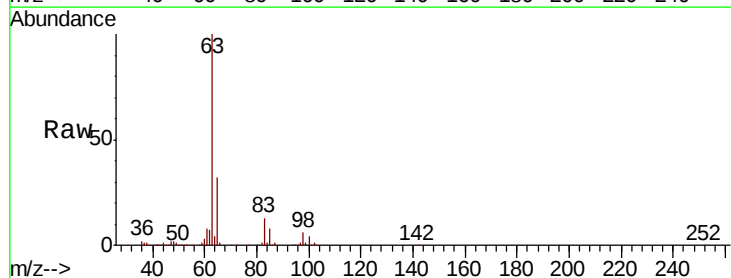
Tgt Ion: 63 Resp: 261665

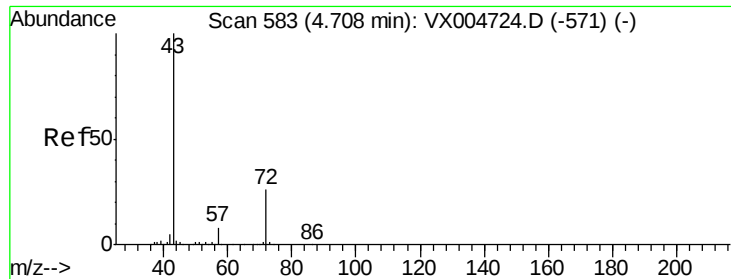
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 261.532 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

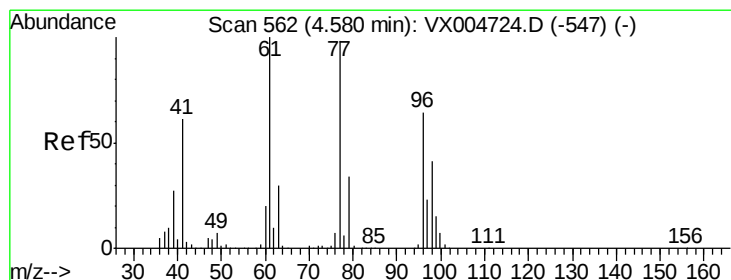
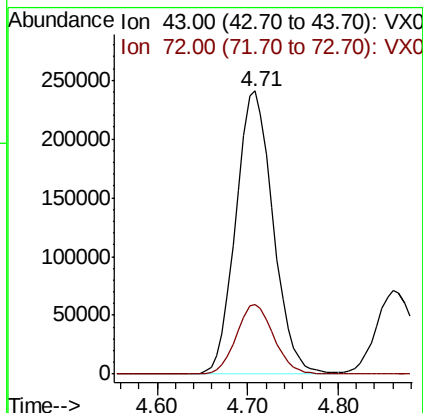
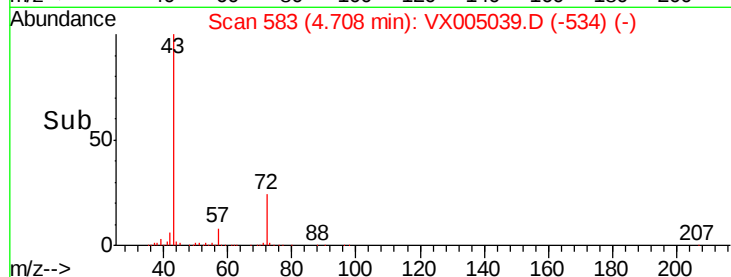
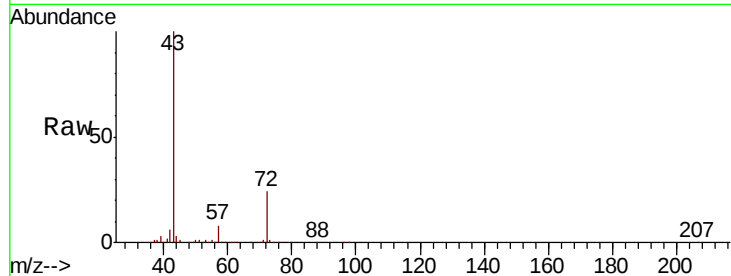
ClientSampled :

Tot Ion: 43 Resp: 686222

Ion Ratio Lower Upper

43 100

72 24.4 20.8 31.2



#26

2,2-Dichloropropane

Concen: 38.636 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005039.D

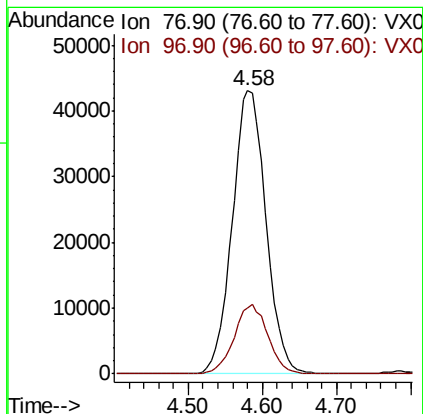
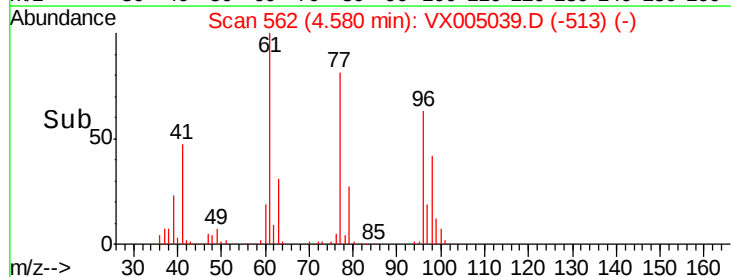
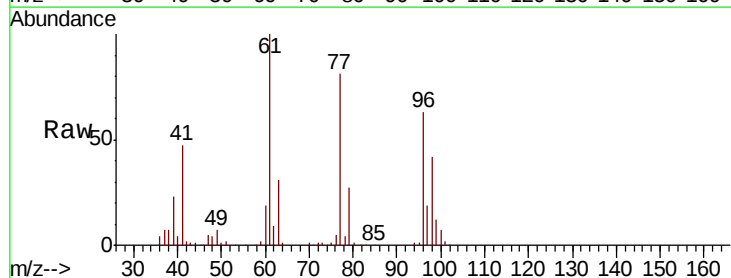
Acq: 05 Oct 2018 00:30

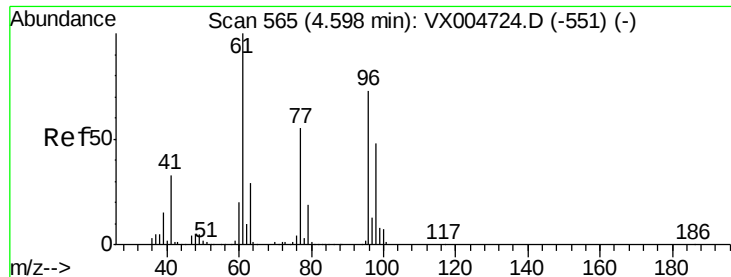
Tgt Ion: 77 Resp: 136368

Ion Ratio Lower Upper

77 100

97 24.5 12.6 37.8



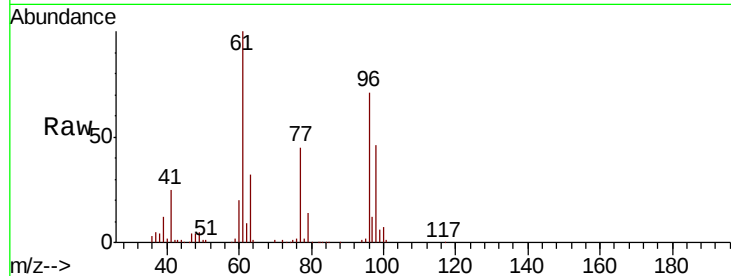


#27

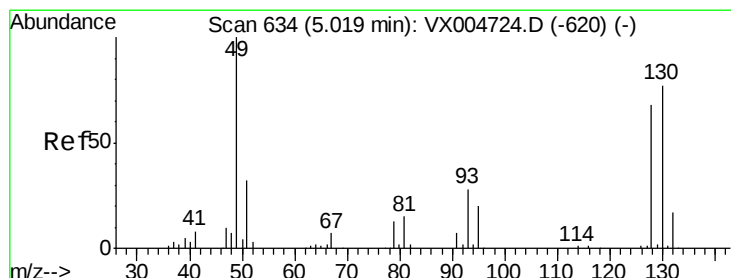
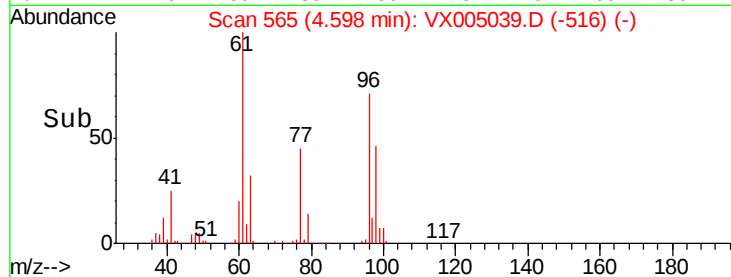
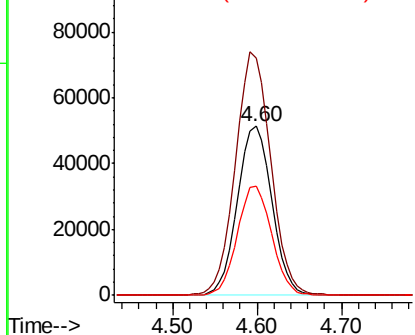
cis-1,2-Dichloroethene
Concen: 50.538 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	285.8
98	64.4	0.0	136.2



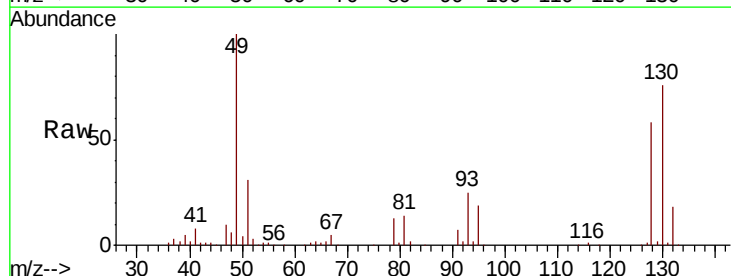
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



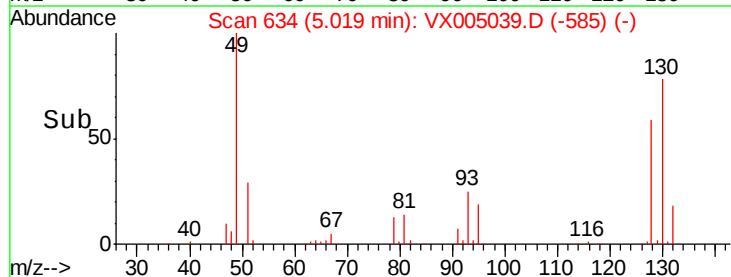
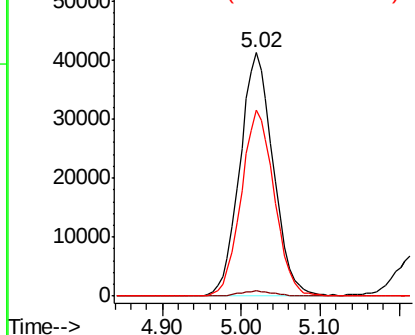
#28

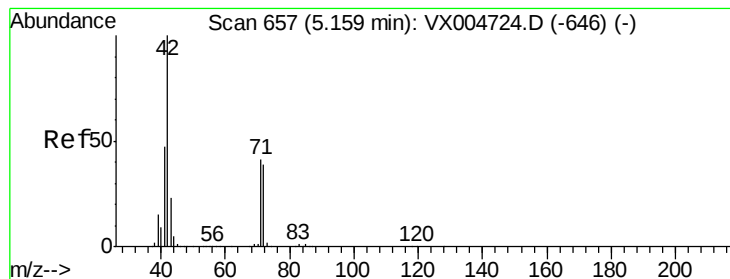
Bromochloromethane
Concen: 50.853 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.6	62.0	93.0



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: 274.762 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampled :

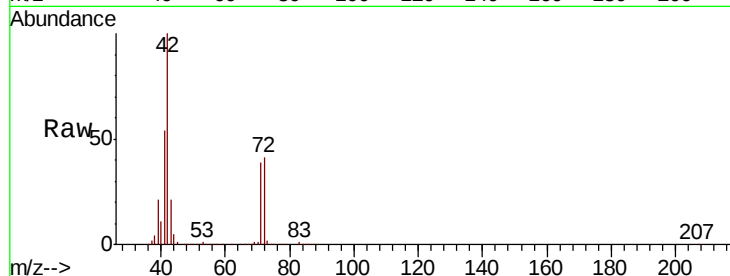
Tot Ion: 42 Resp: 448086

Ion Ratio Lower Upper

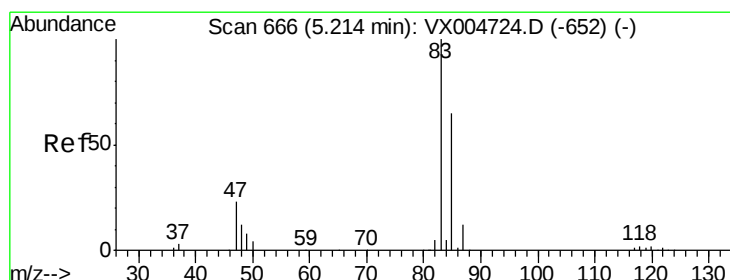
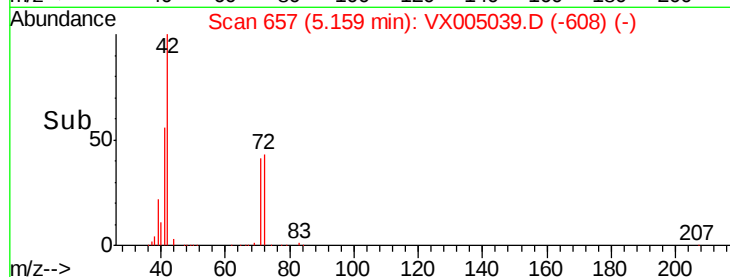
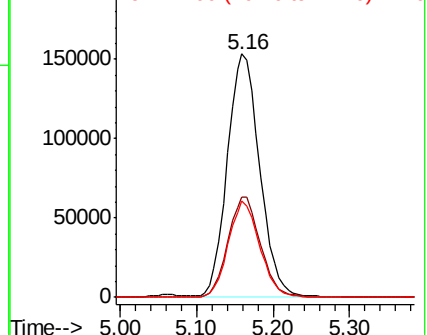
42 100

72 41.3 33.7 50.5

71 38.5 32.2 48.4



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: 50.427 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005039.D

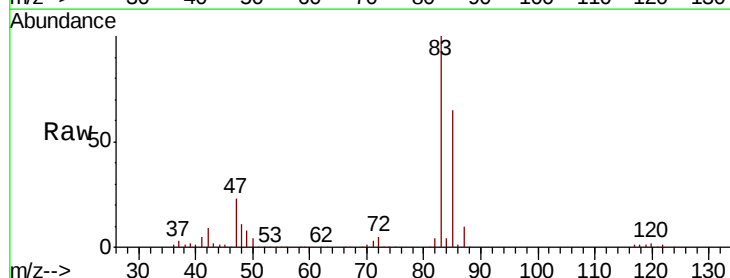
Acq: 05 Oct 2018 00:30

Tgt Ion: 83 Resp: 241562

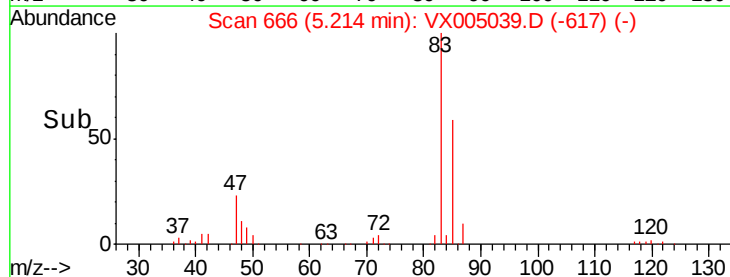
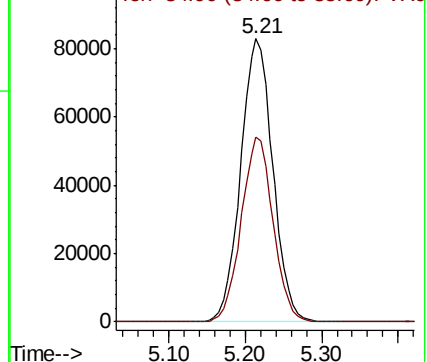
Ion Ratio Lower Upper

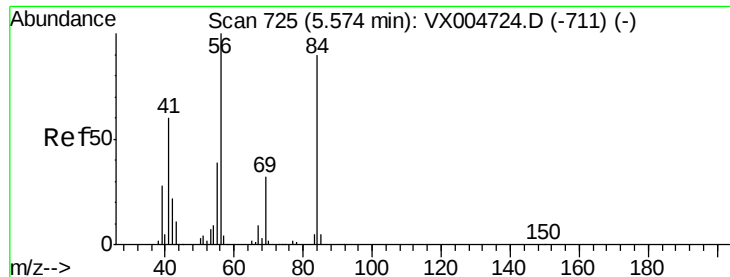
83 100

85 65.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

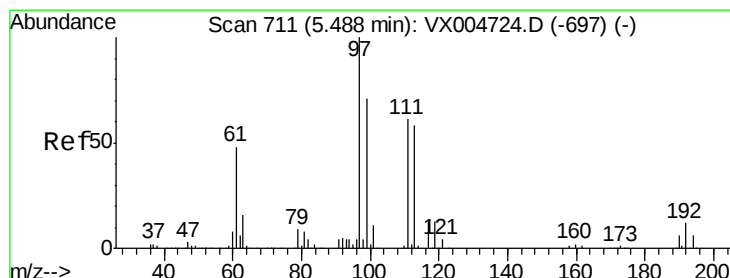
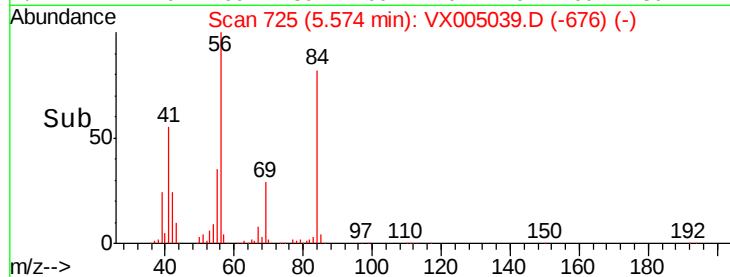
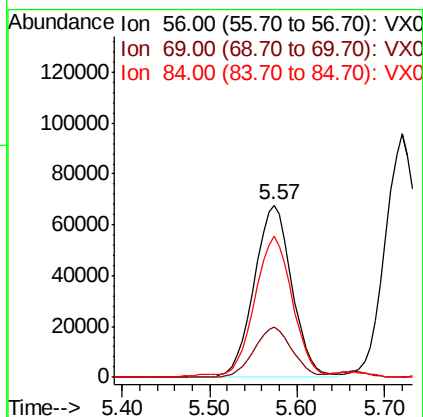
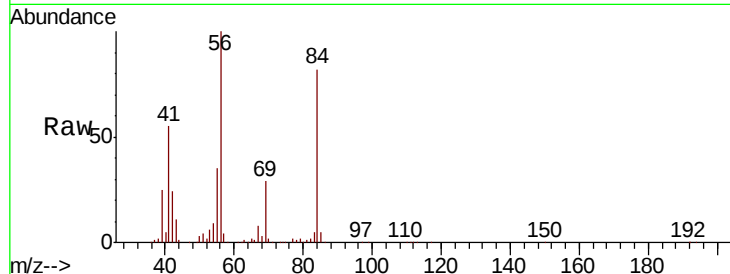




#31
Cyclohexane
Concen: 52.761 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

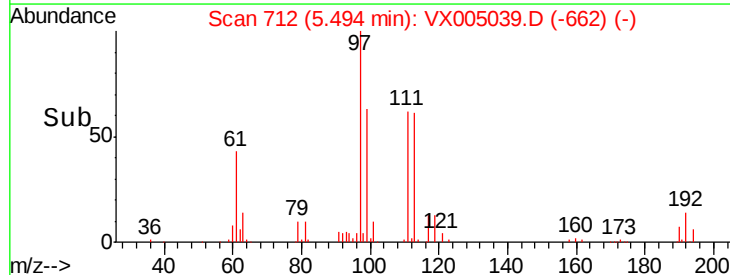
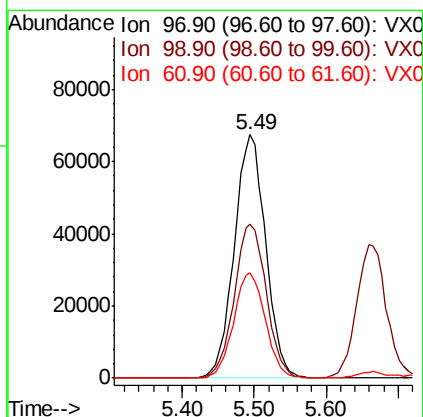
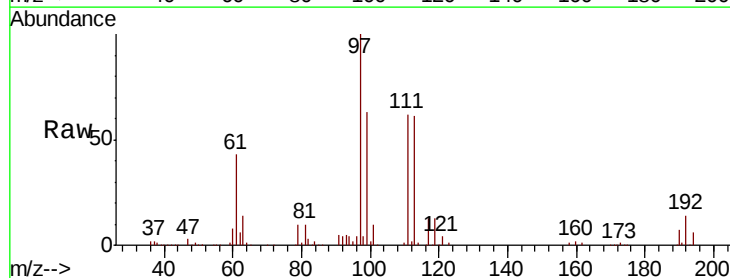
Instrument :
MSVOA_X
ClientSampleId :

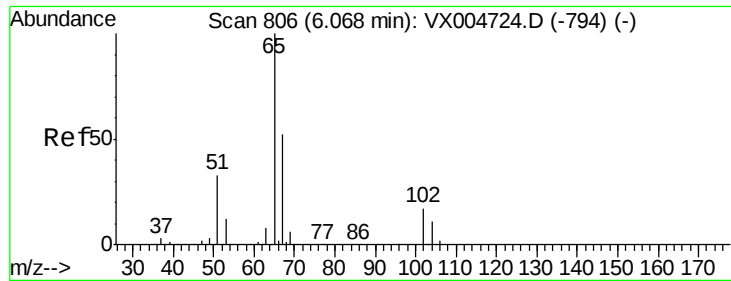
Tot Ion: 56 Resp: 204682
Ion Ratio Lower Upper
56 100
69 29.4 25.9 38.9
84 81.2 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 52.051 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 97 Resp: 203635
Ion Ratio Lower Upper
97 100
99 64.4 54.6 82.0
61 44.0 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 53.118 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

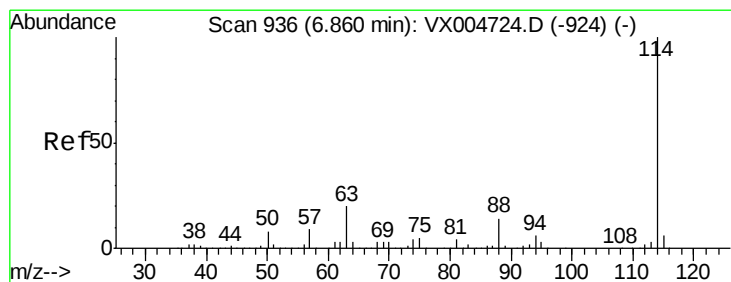
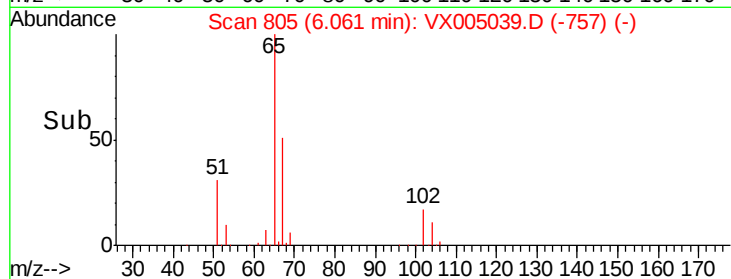
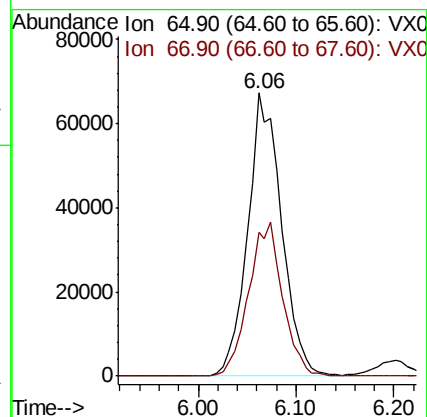
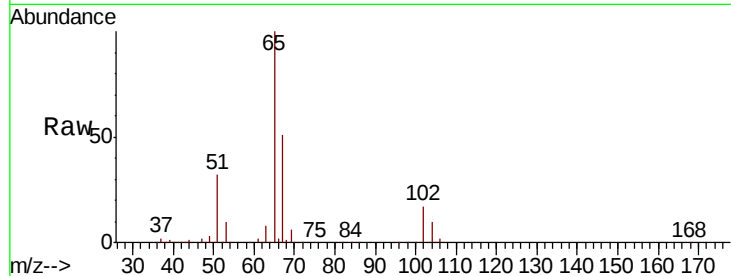
ClientSampleId :

Tot Ion: 65 Resp: 161955

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

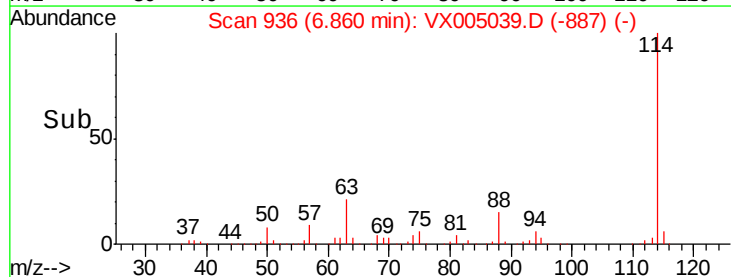
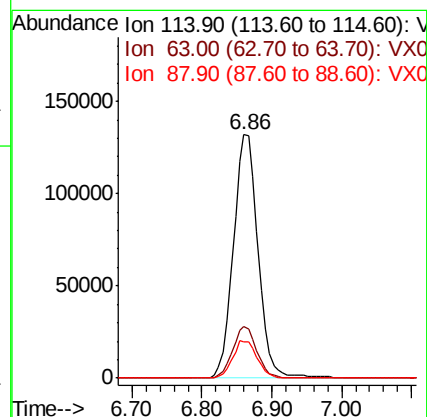
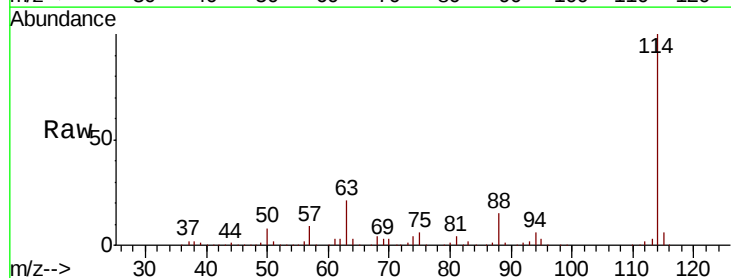
Tgt Ion: 114 Resp: 322363

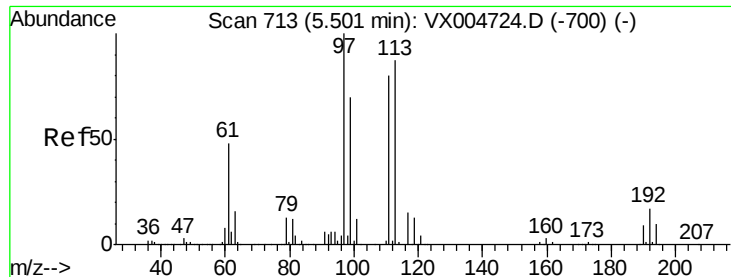
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

88 15.1 0.0 27.0

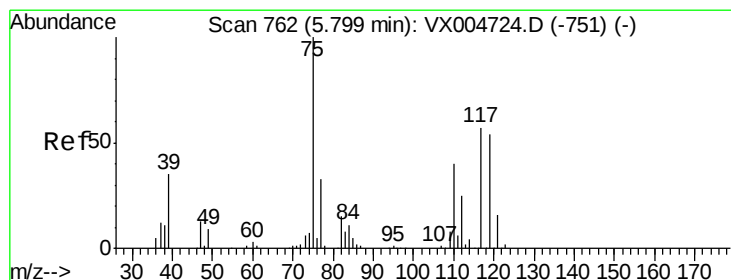
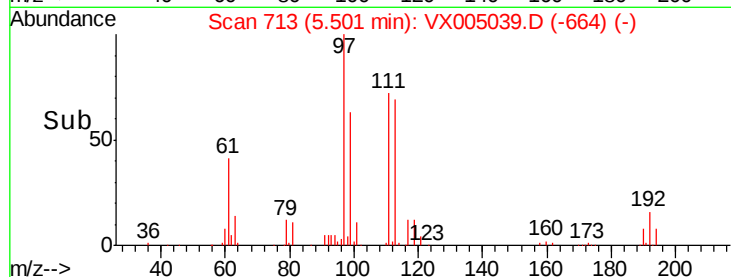
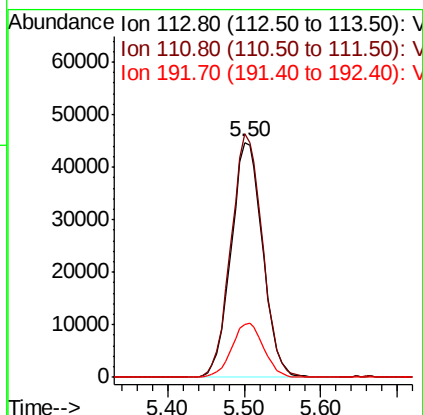
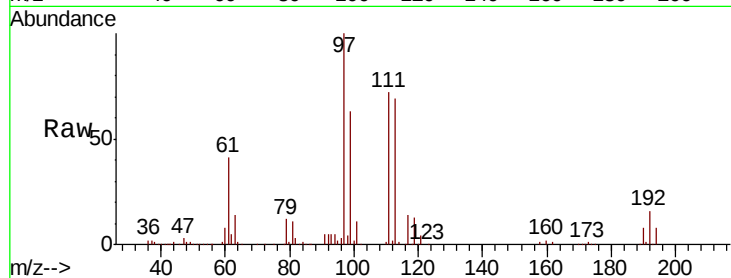




#35
 Dibromofluoromethane
 Concen: 46.636 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

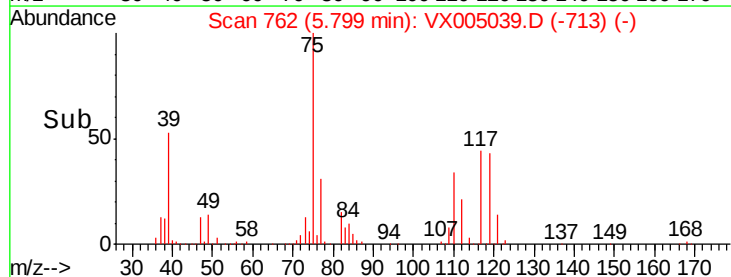
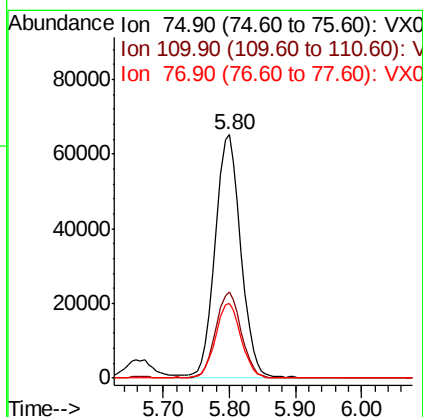
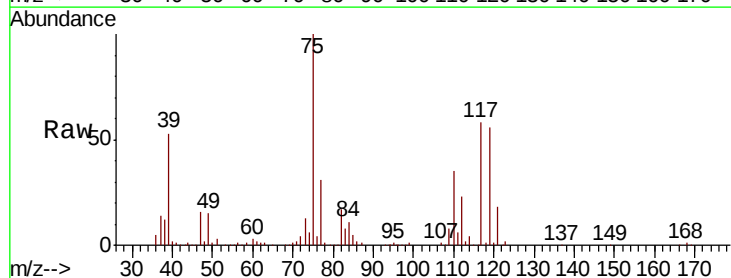
Instrument :
 MSVOA_X
 ClientSampleId :

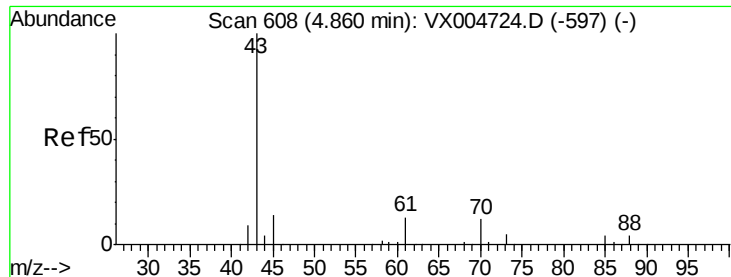
Tot Ion:113 Resp: 127413
 Ion Ratio Lower Upper
 113 100
 111 103.2 77.0 115.4
 192 23.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 47.166 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 75 Resp: 175815
 Ion Ratio Lower Upper
 75 100
 110 35.3 20.0 59.9
 77 30.8 27.1 40.7





#37

Ethyl Acetate

Concen: 42.354 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

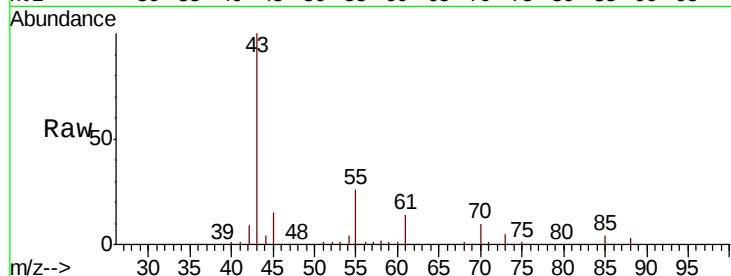
Tot Ion: 43 Resp: 209567

Ion Ratio Lower Upper

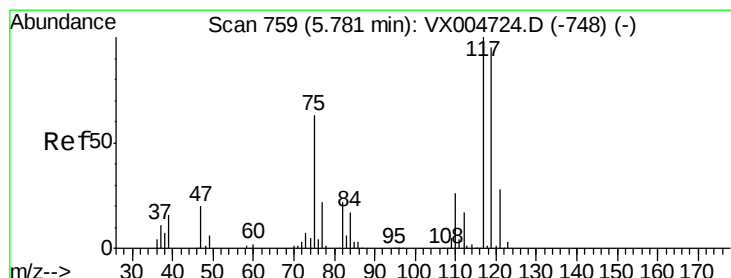
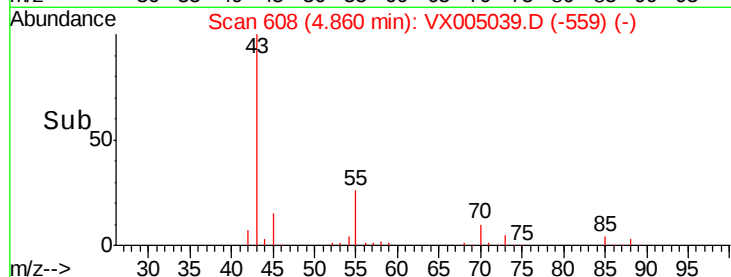
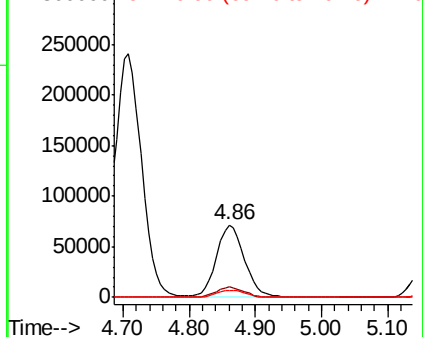
43 100

61 13.8 10.4 15.6

70 10.2 8.7 13.1



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: 45.319 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

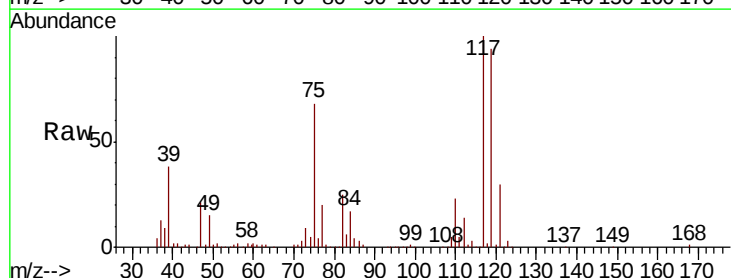
Tgt Ion: 117 Resp: 177574

Ion Ratio Lower Upper

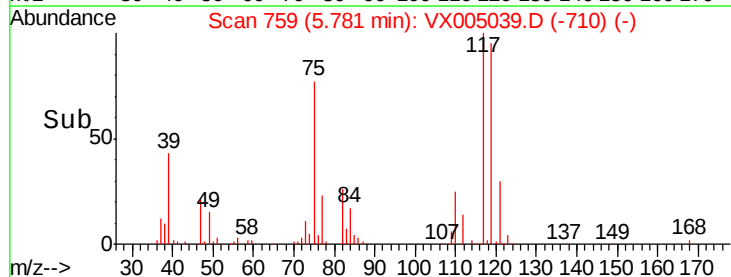
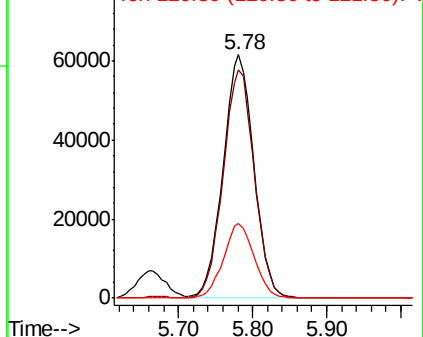
117 100

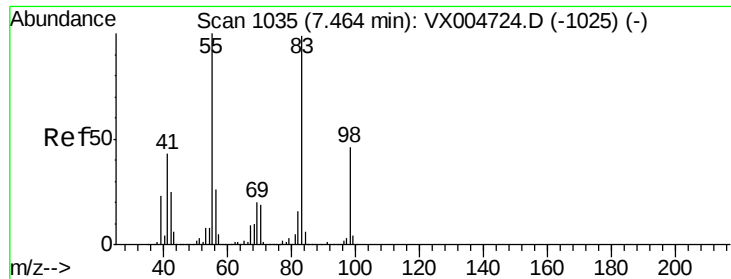
119 93.8 75.2 112.8

121 30.5 22.5 33.7



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

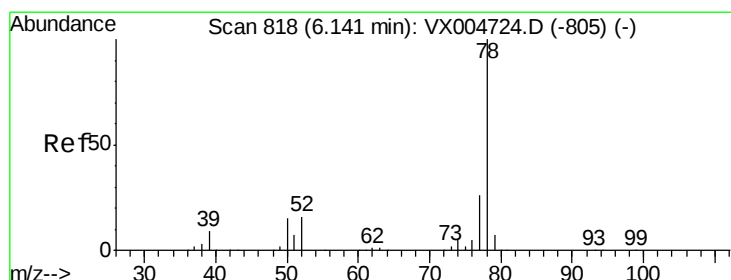
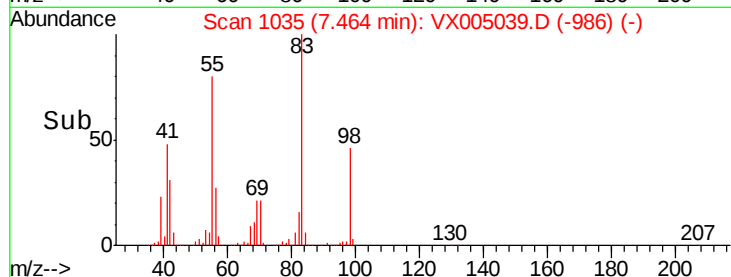
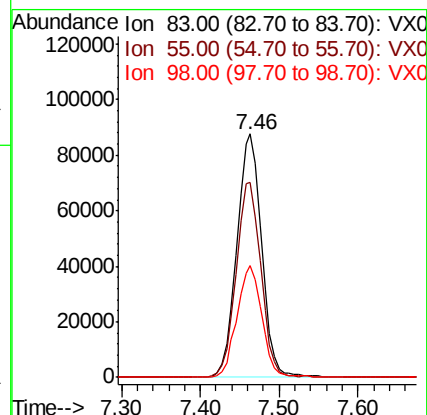
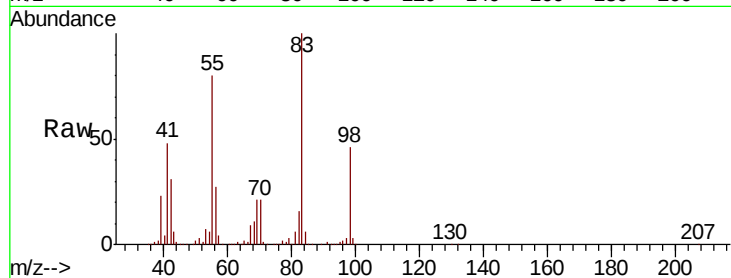




#39
Methvlcvclohexane
Concen: 50.311 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

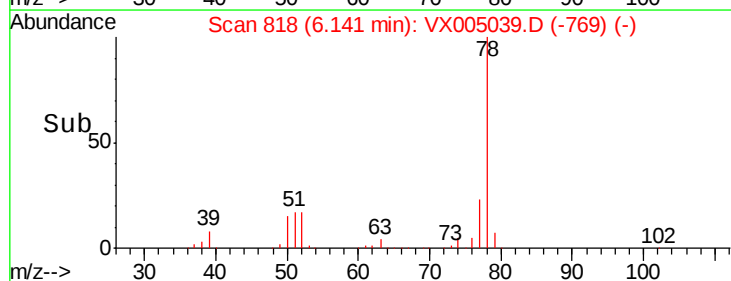
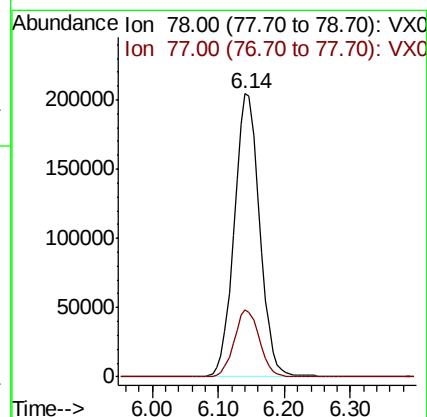
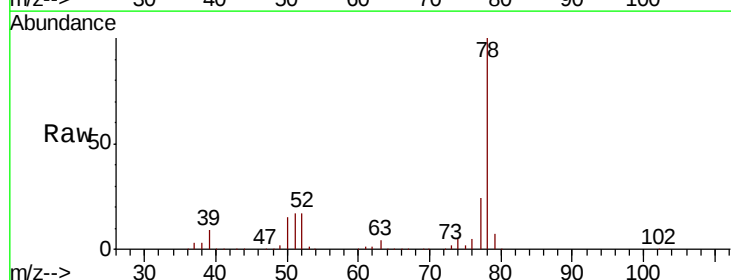
Instrument :
MSVOA_X
ClientSampled :

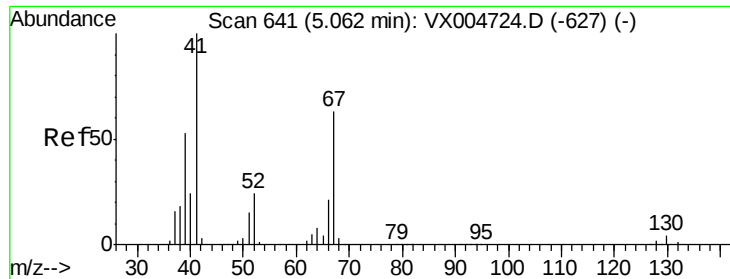
Tot Ion: 83 Resp: 191496
Ion Ratio Lower Upper
83 100
55 80.1 81.1 121.7#
98 46.0 37.3 55.9



#40
Benzene
Concen: 46.641 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 78 Resp: 544297
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4

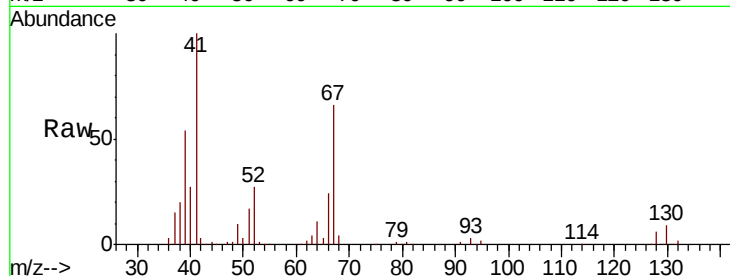




#41
Methacrylonitrile
Concen: 49.778 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	136592
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.5	63.7
67	68.0	53.0	79.6
52	26.7	19.8	29.8



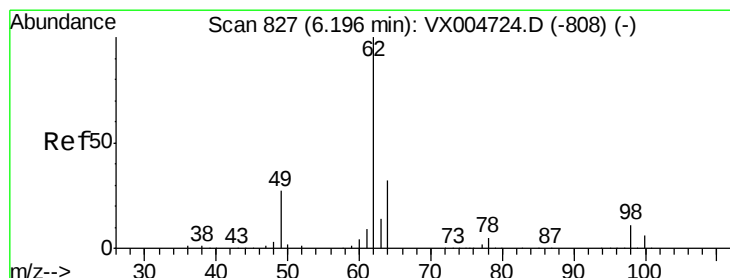
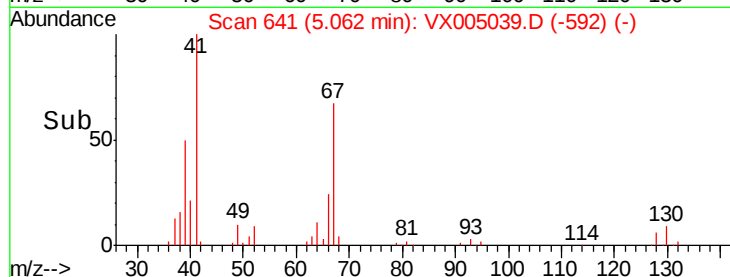
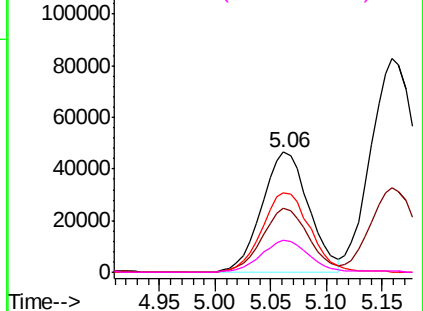
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

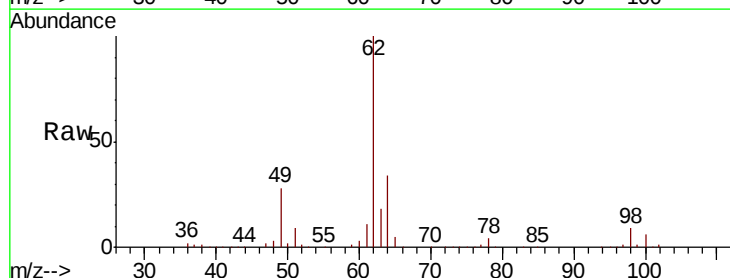
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.252 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

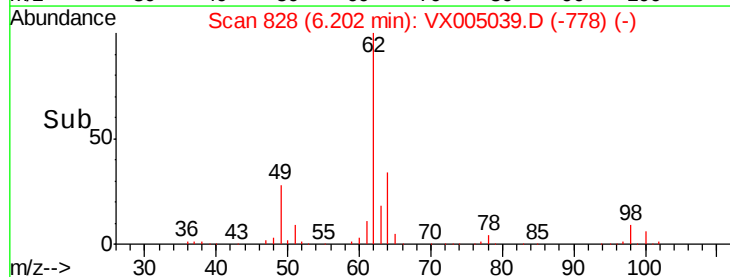
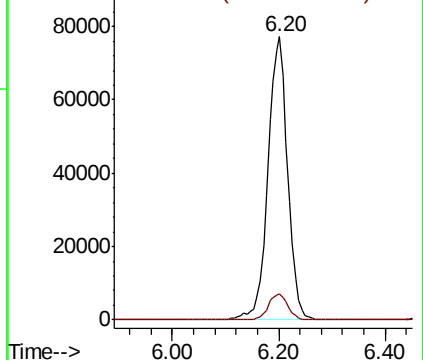
Tgt Ion:	62	Resp:	199061
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

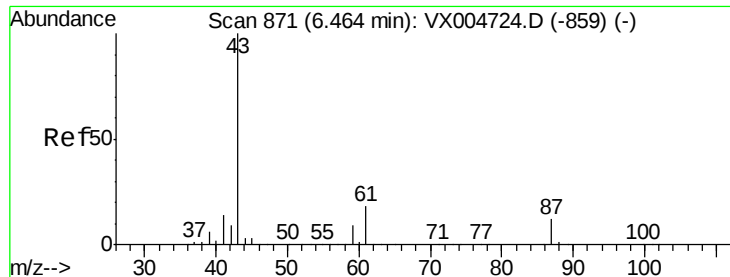


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.134 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

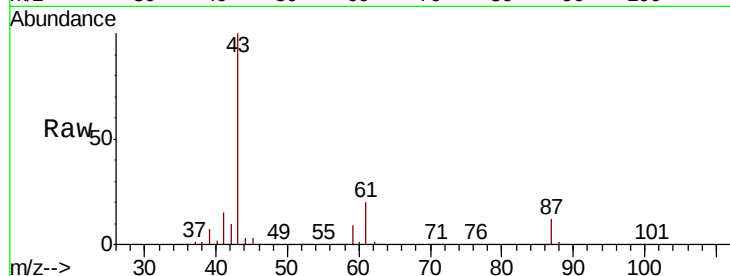
Tot Ion: 43 Resp: 336617

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

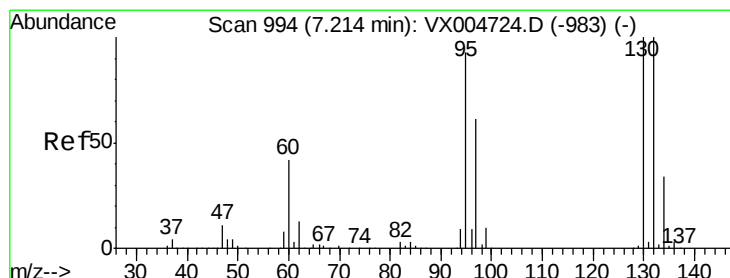
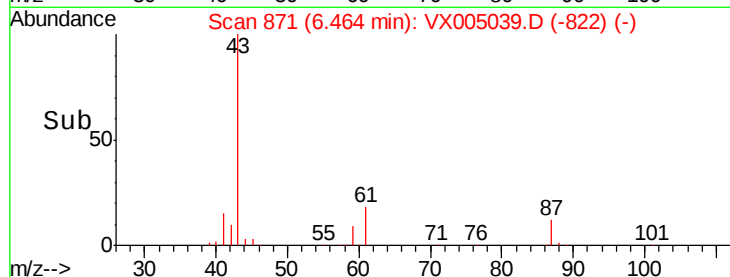
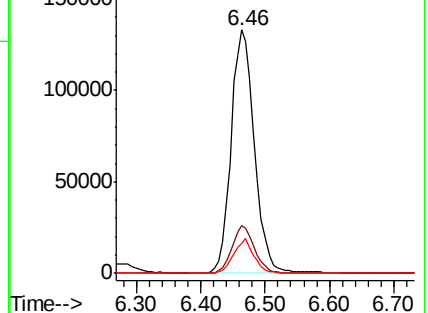
87 12.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.704 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005039.D

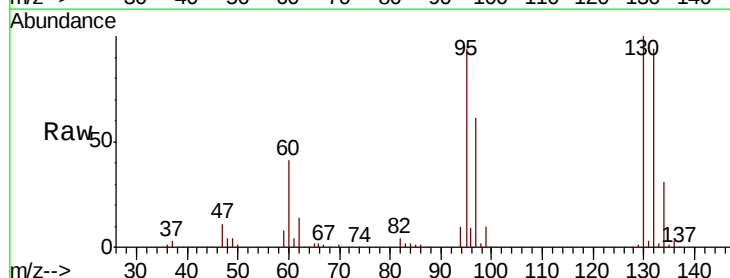
Acq: 05 Oct 2018 00:30

Tgt Ion:130 Resp: 145459

Ion Ratio Lower Upper

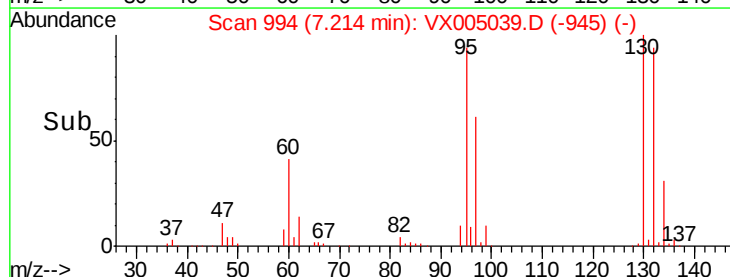
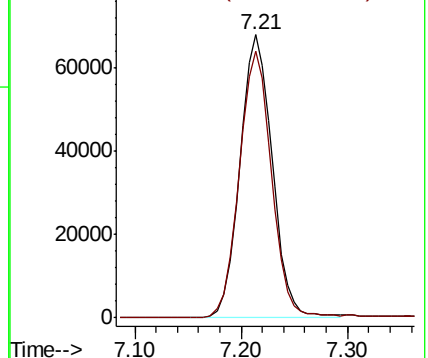
130 100

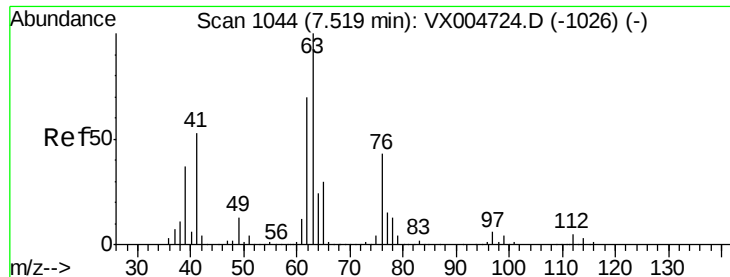
95 94.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

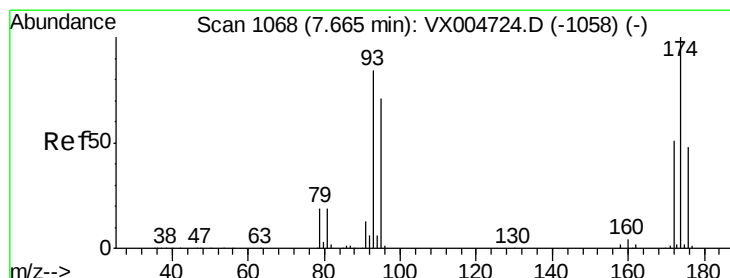
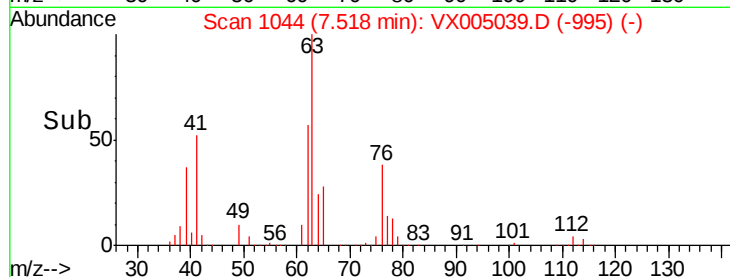
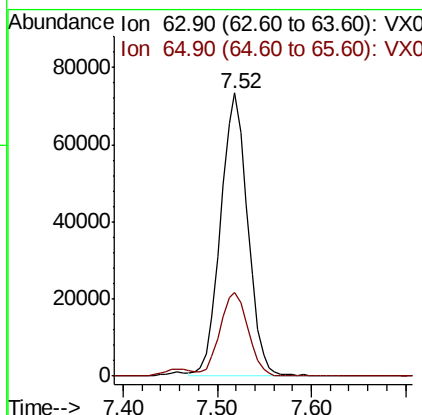
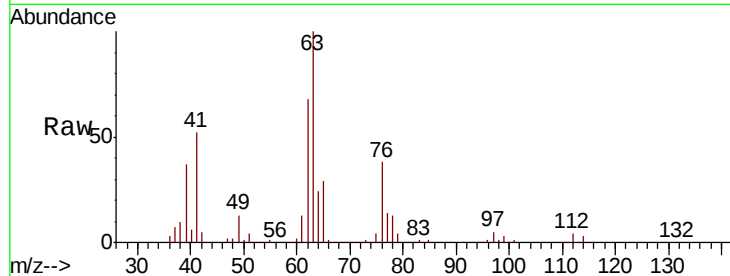




#45
 1,2-Dichloropropane
 Concen: 51.052 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

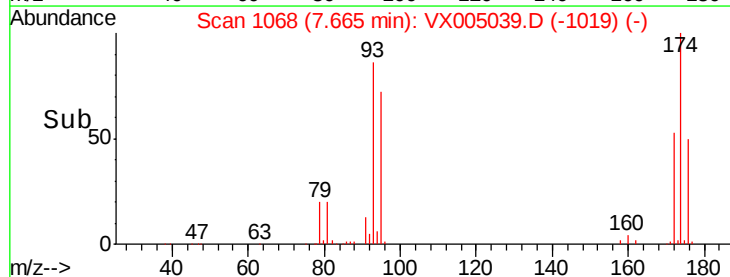
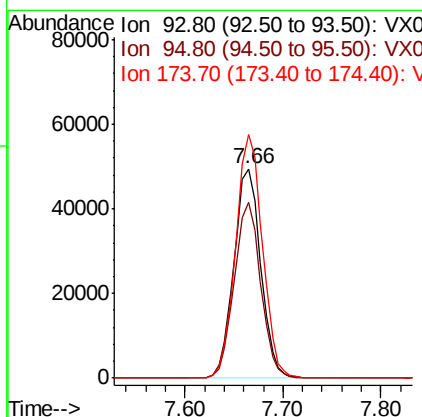
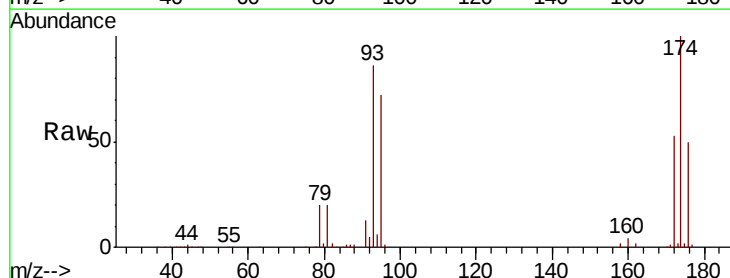
Instrument :
 MSVOA_X
 ClientSampled :

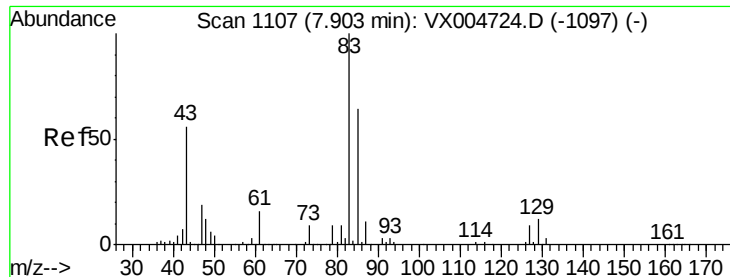
Tot Ion: 63 Resp: 146100
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9



#46
 Dibromomethane
 Concen: 52.549 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 93 Resp: 94511
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.7 100.1
 174 116.1 92.7 139.1





#47

Bromodichloromethane

Concen: 53.915 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :

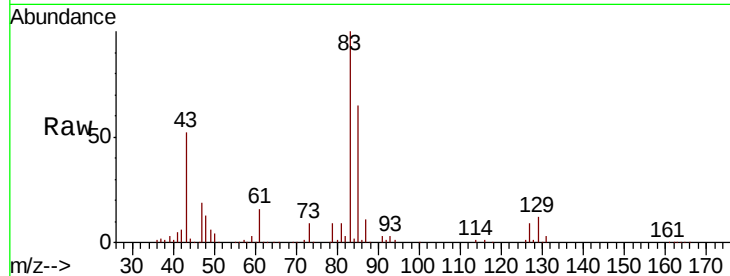
Tot Ion: 83 Resp: 181550

Ion Ratio Lower Upper

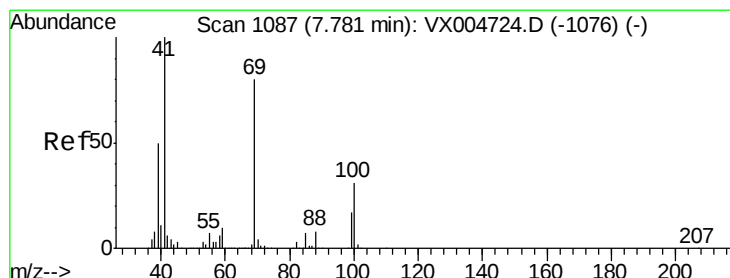
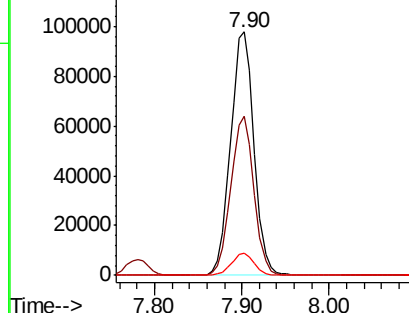
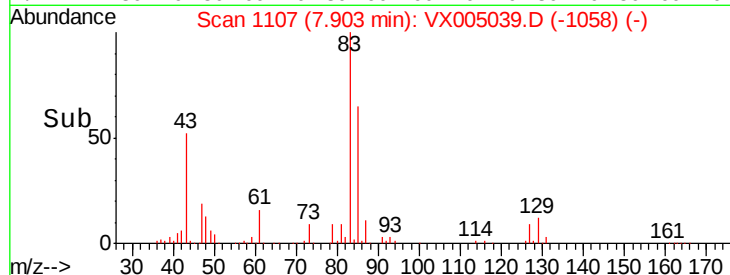
83 100

85 65.2 51.2 76.8

127 8.9 7.0 10.6



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: 58.575 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

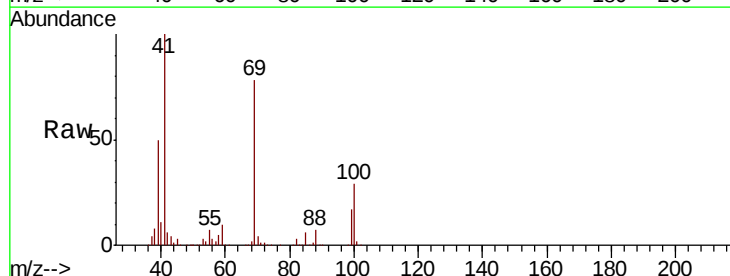
Tgt Ion: 41 Resp: 189871

Ion Ratio Lower Upper

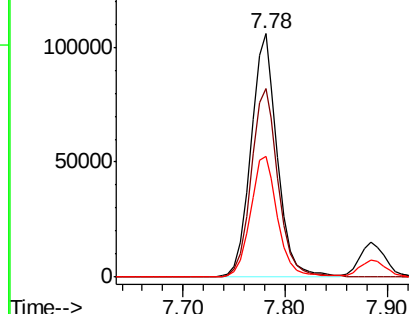
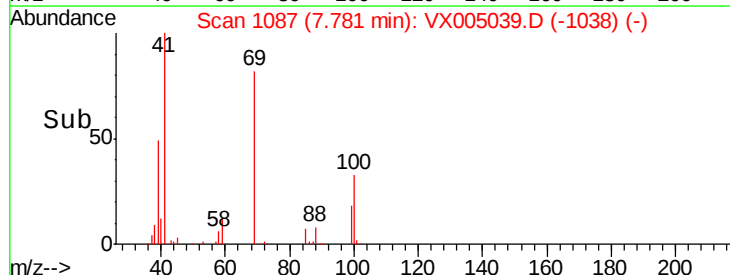
41 100

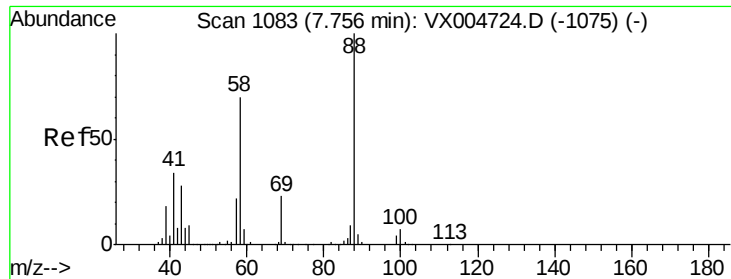
69 79.8 63.8 95.6

39 51.0 40.7 61.1



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

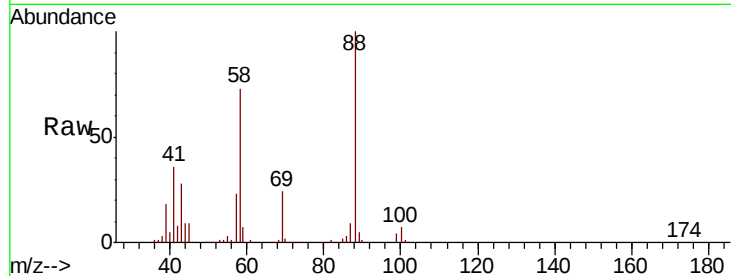




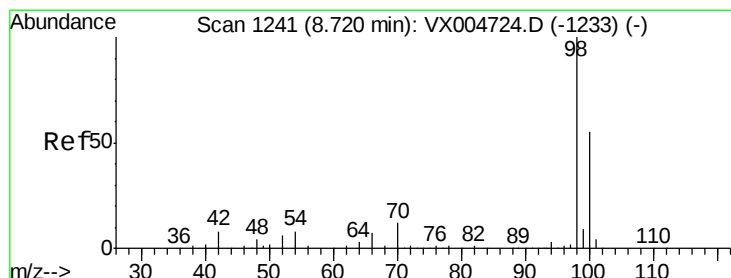
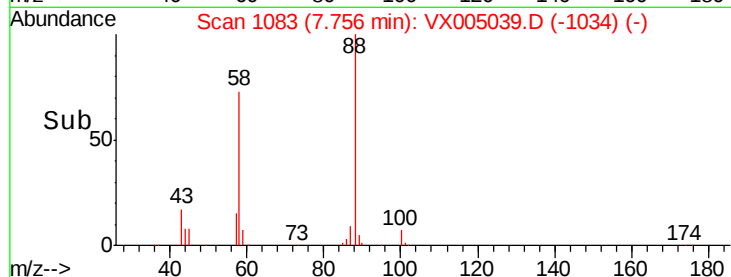
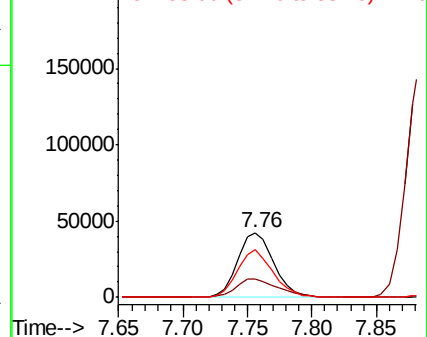
#49
1,4-Dioxane
Concen: 1019.954 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 82138
Ion Ratio Lower Upper
88 100
43 33.0 25.1 37.7
58 72.6 56.2 84.2

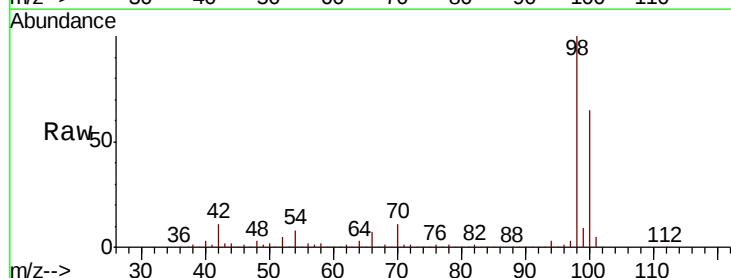


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

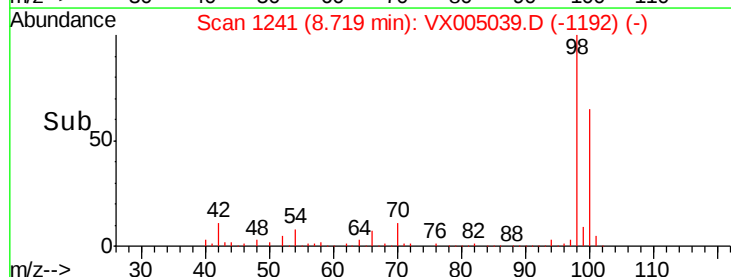
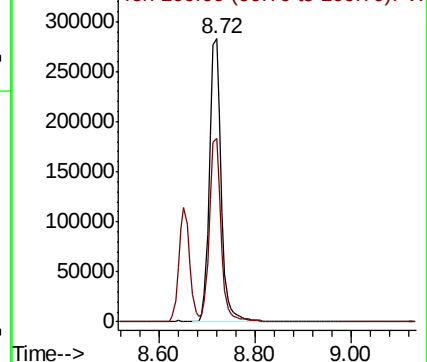


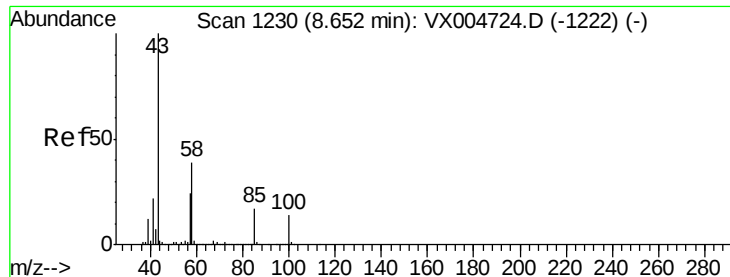
#50
Toluene-d8
Concen: 52.994 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 98 Resp: 481328
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



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

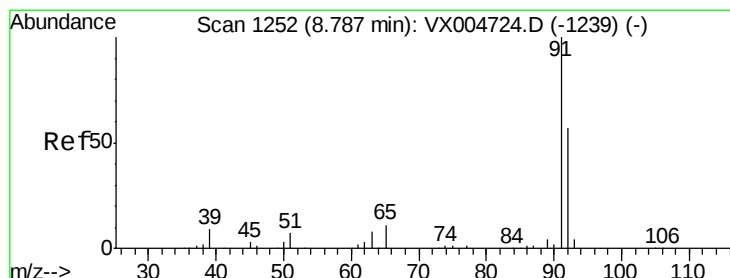
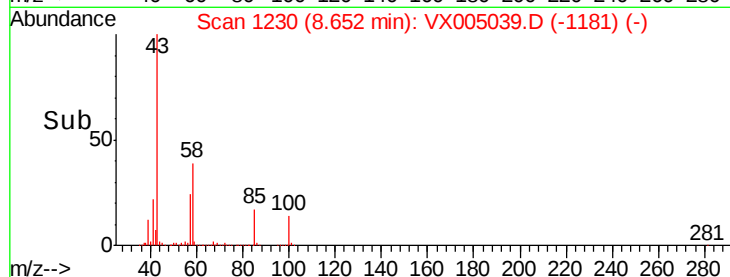
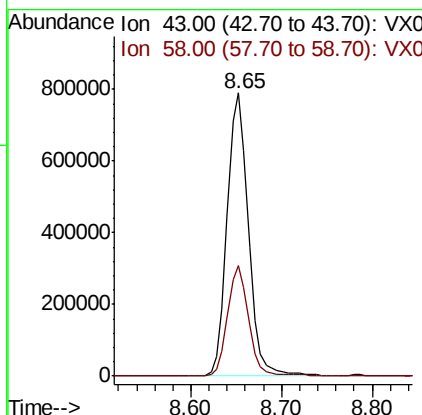
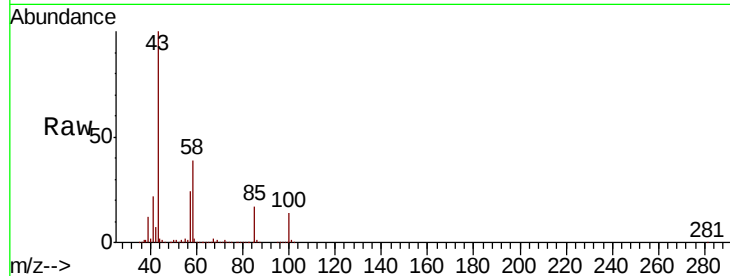




#51
 4-Methyl-2-Pentanone
 Concen: 286.903 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

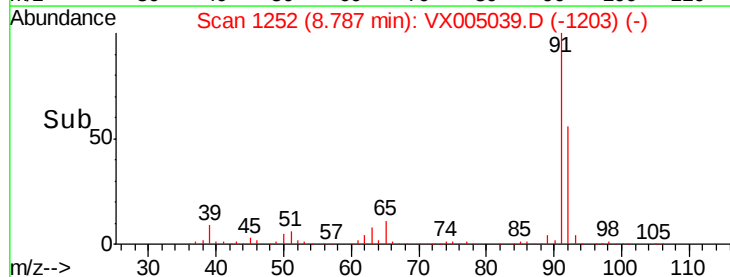
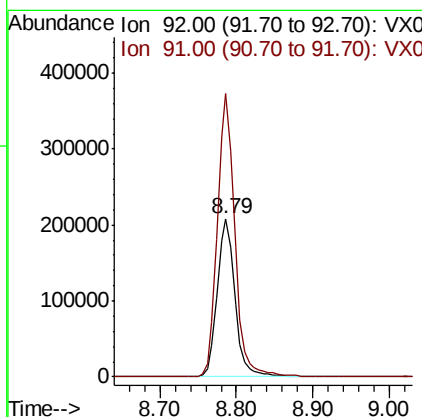
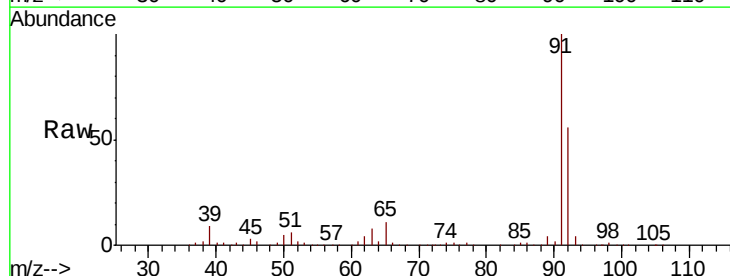
Instrument :
 MSVOA_X
 ClientSampleId :

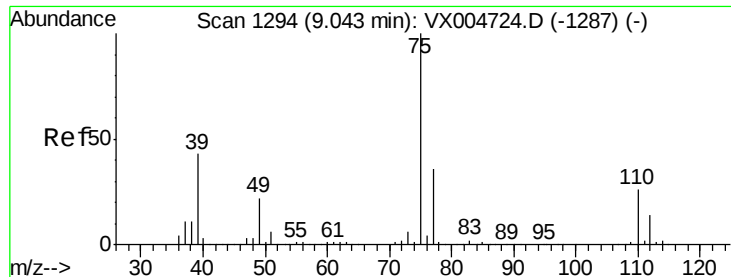
Tot Ion: 43 Resp: 1290119
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.5 45.7



#52
 Toluene
 Concen: 52.311 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 92 Resp: 335438
 Ion Ratio Lower Upper
 92 100
 91 176.3 136.7 205.1

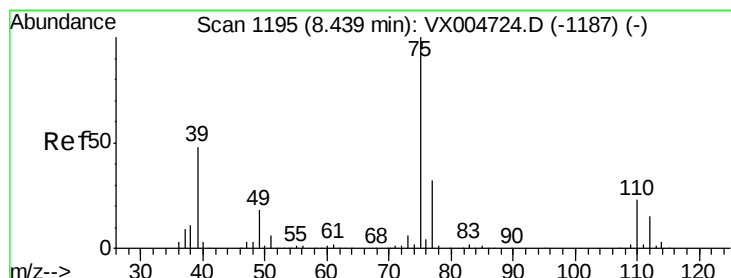
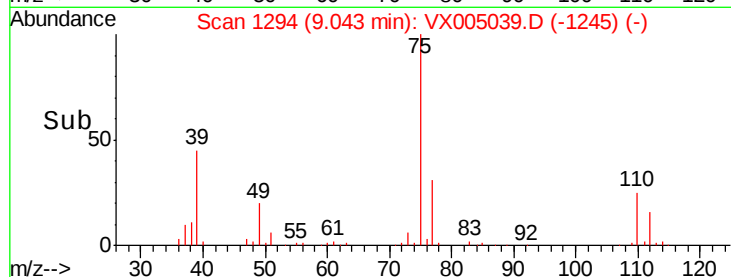
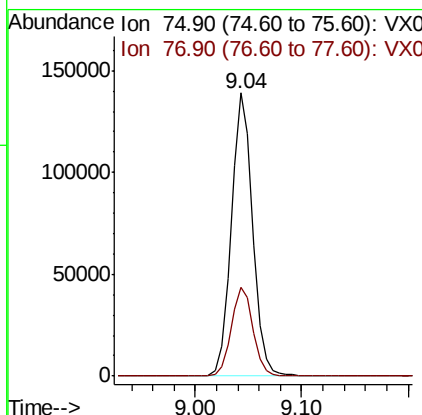
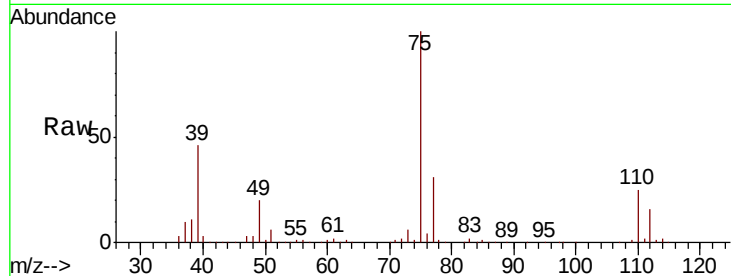




#53
 t-1,3-Dichloropropene
 Concen: 51.187 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

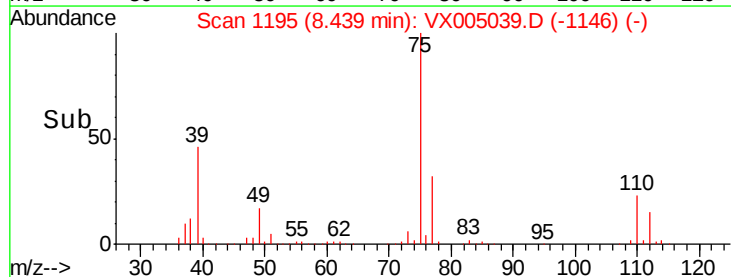
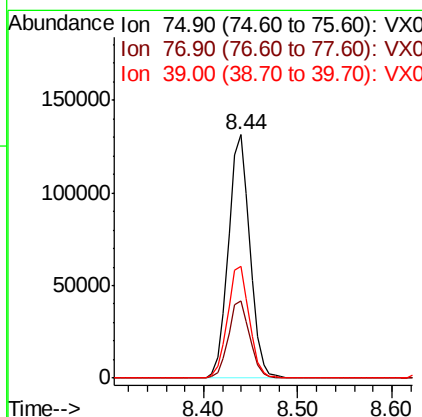
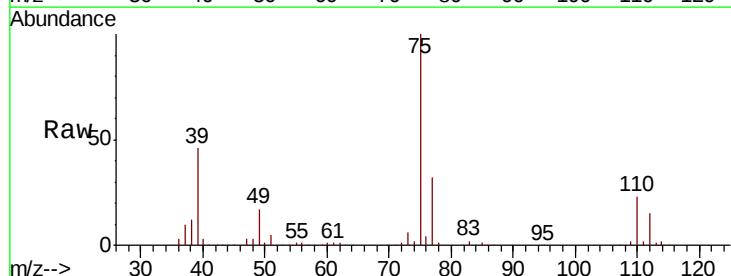
Instrument :
 MSVOA_X
 ClientSampleId :

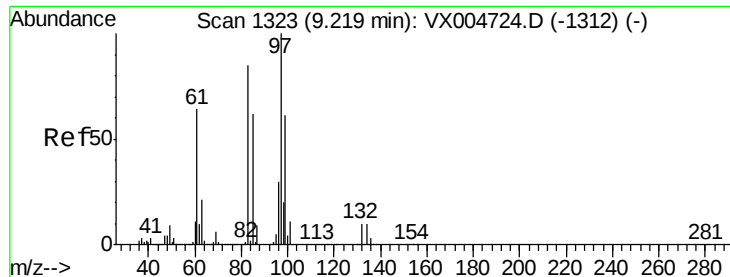
Tot Ion: 75 Resp: 194778
 Ion Ratio Lower Upper
 75 100
 77 31.3 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.168 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 75 Resp: 207926
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 45.9 38.3 57.5

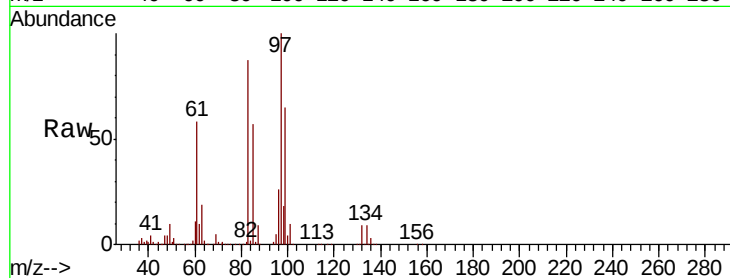




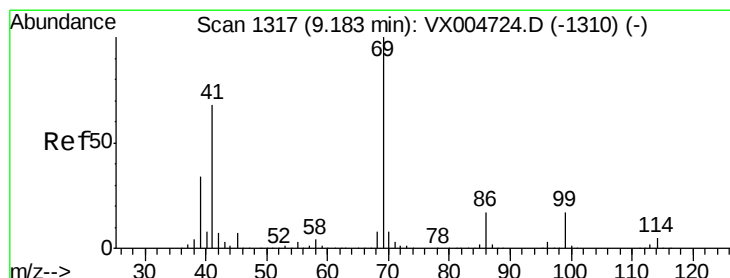
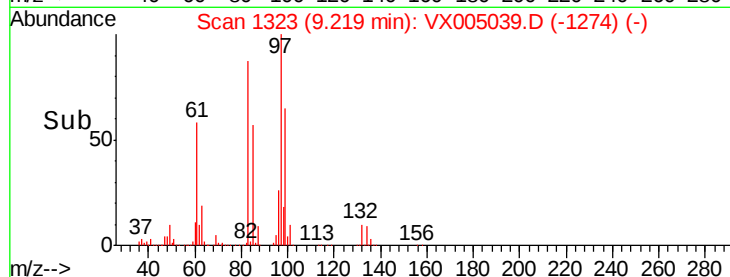
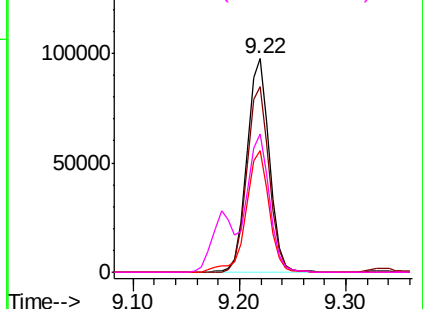
#55
 1,1,2-Trichloroethane
 Concen: 51.389 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	144342
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.2	102.2
85	57.2	49.9	74.9
99	64.6	48.9	73.3

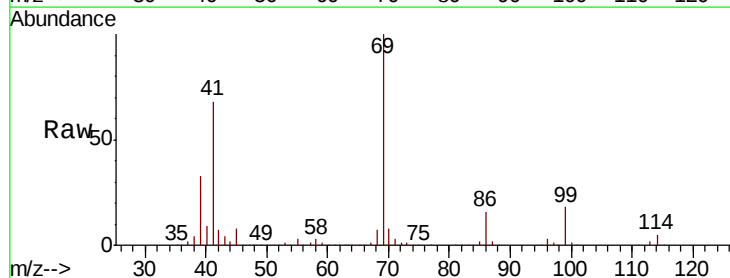


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

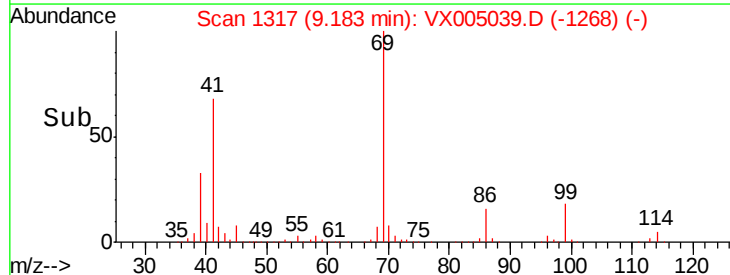
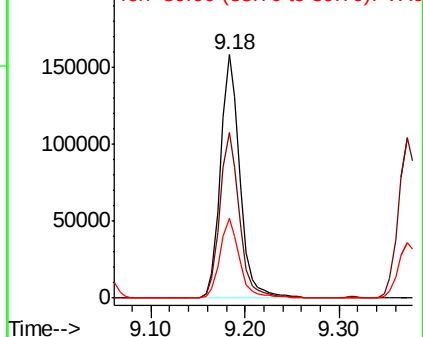


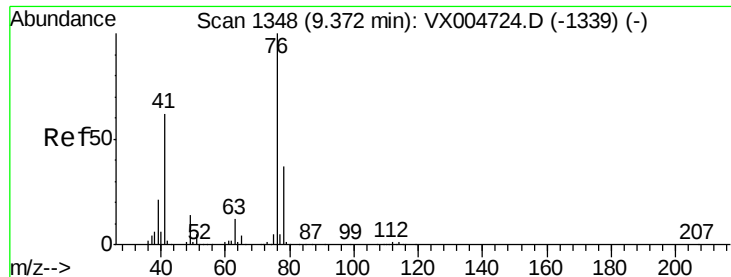
#56
 Ethyl methacrylate
 Concen: 49.856 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:	69	Resp:	227201
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.9	85.3
39	33.1	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 51.497 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

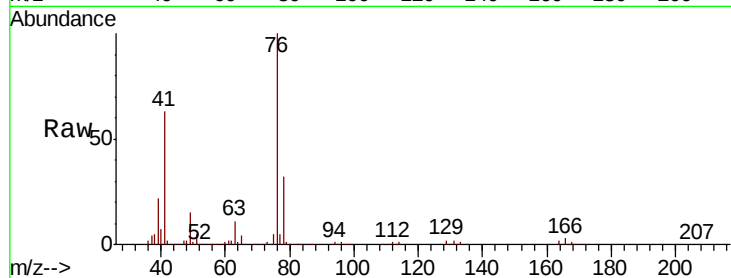
ClientSampleId :

Tot Ion: 76 Resp: 240737

Ion Ratio Lower Upper

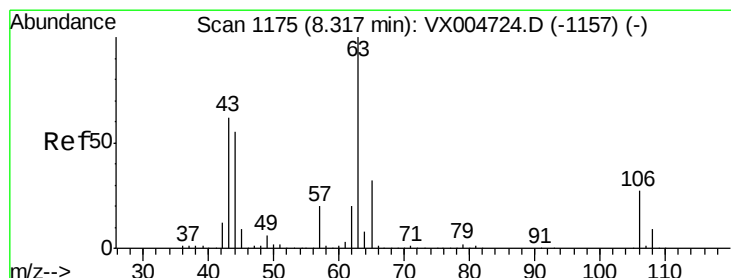
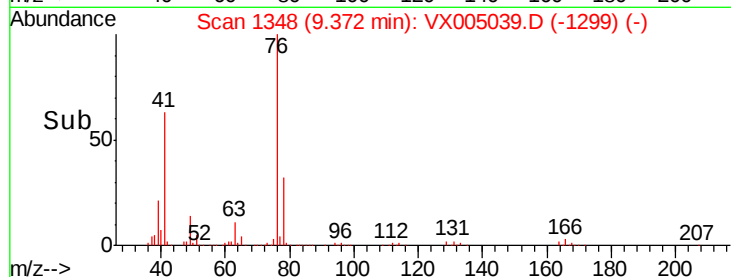
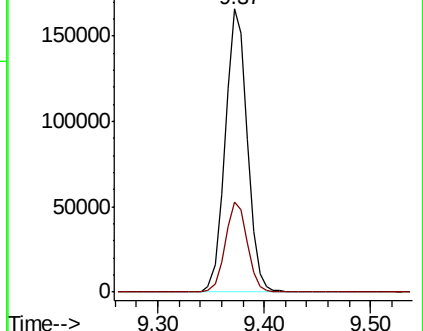
76 100

78 32.1 26.6 40.0



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: 14.918 ug/l

RT: 8.27 min Scan# 1167

Delta R.T. -0.05 min

Lab File: VX005039.D

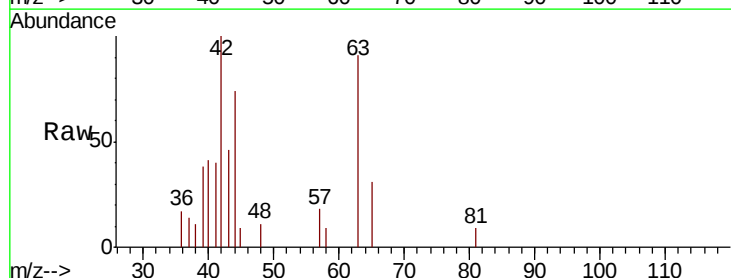
Acq: 05 Oct 2018 00:30

Tgt Ion: 63 Resp: 1734

Ion Ratio Lower Upper

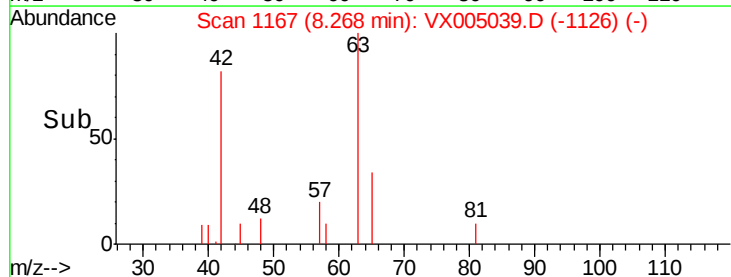
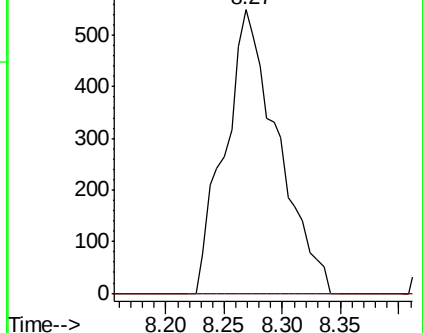
63 100

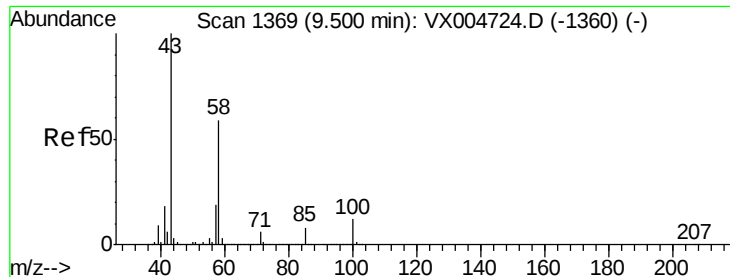
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

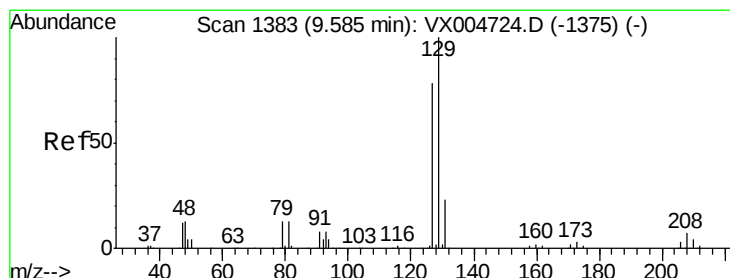
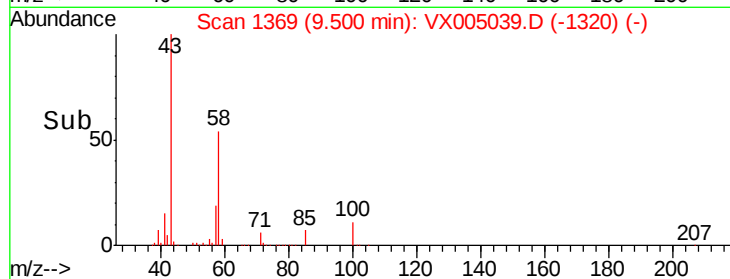
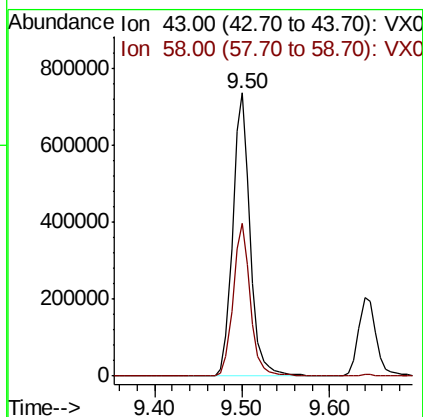
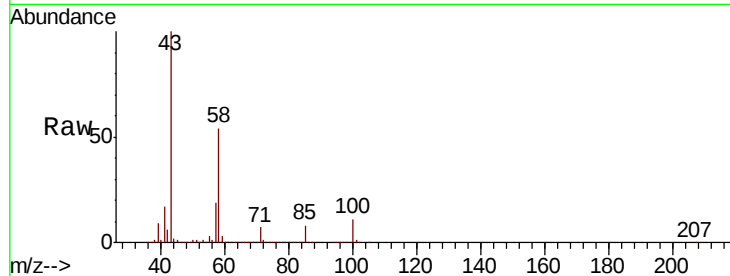




#59
2-Hexanone
Concen: 273.607 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

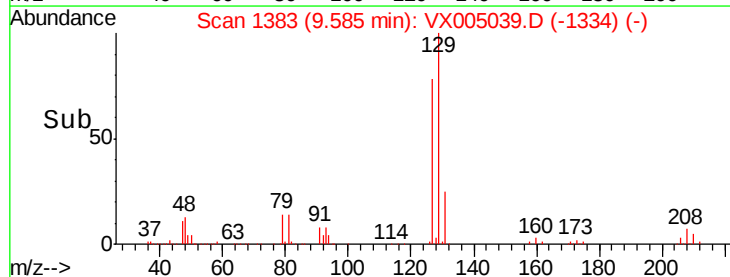
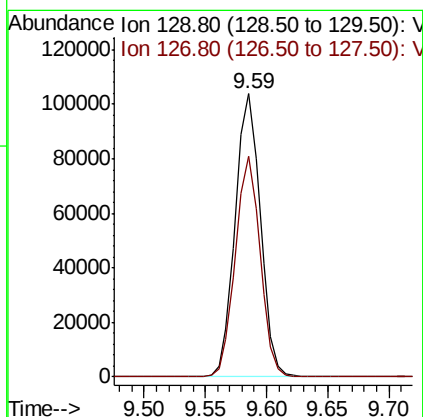
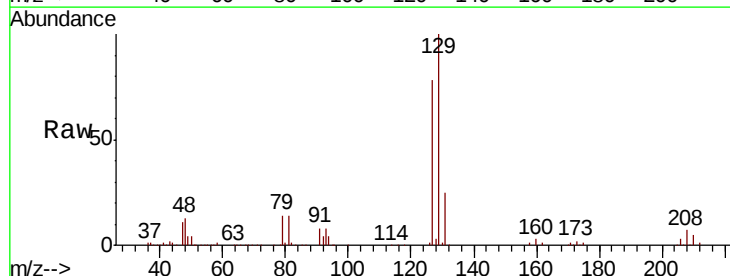
Instrument :
MSVOA_X
ClientSampleId :

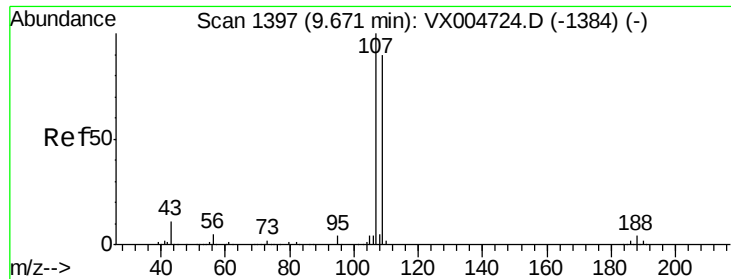
Tot Ion: 43 Resp: 1025257
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3



#60
Dibromochloromethane
Concen: 52.676 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 129 Resp: 147970
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.225 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

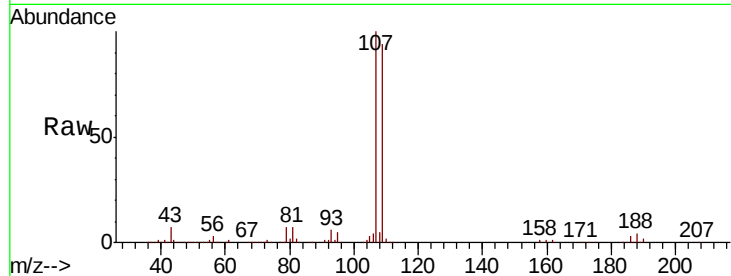
ClientSampled :

Tot Ion:107 Resp: 148075

Ion Ratio Lower Upper

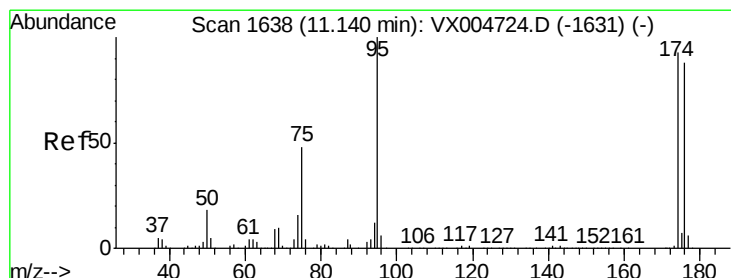
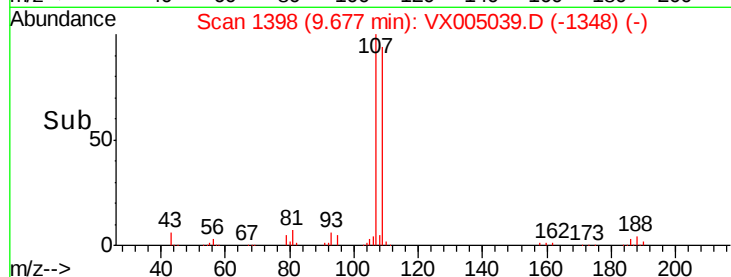
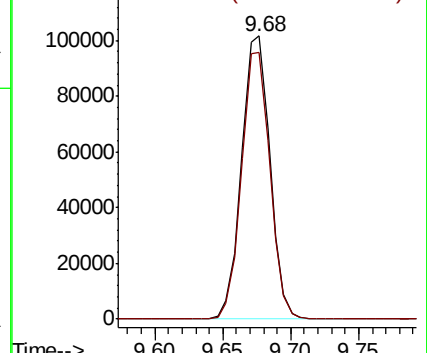
107 100

109 94.4 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.261 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

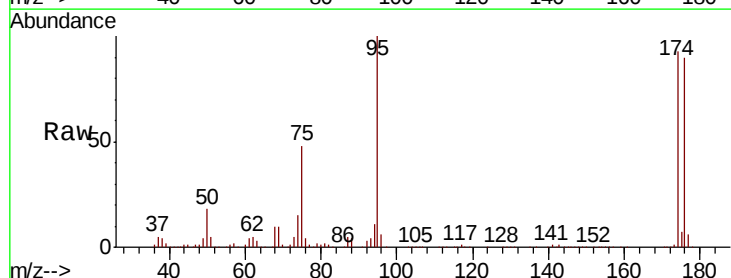
Tgt Ion: 95 Resp: 177549

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

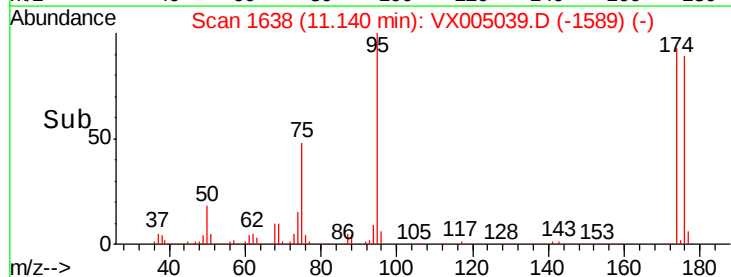
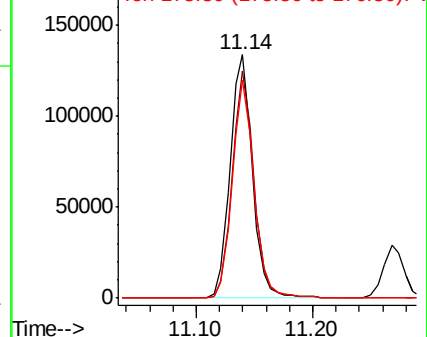
176 87.9 0.0 180.2

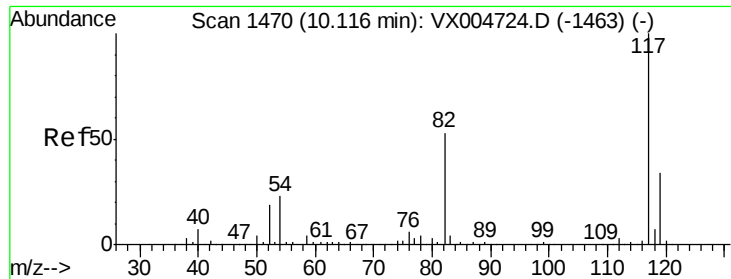


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

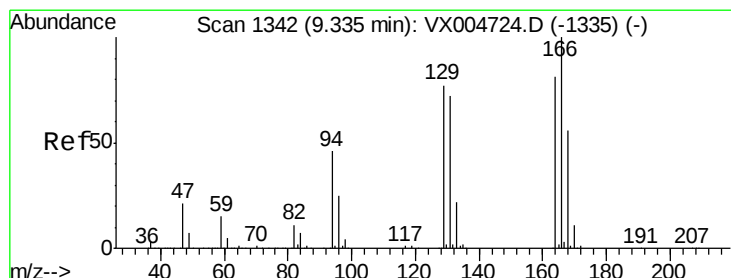
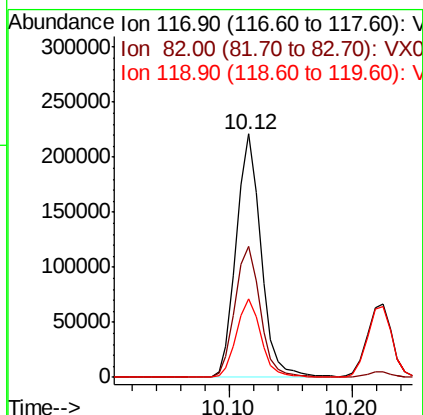
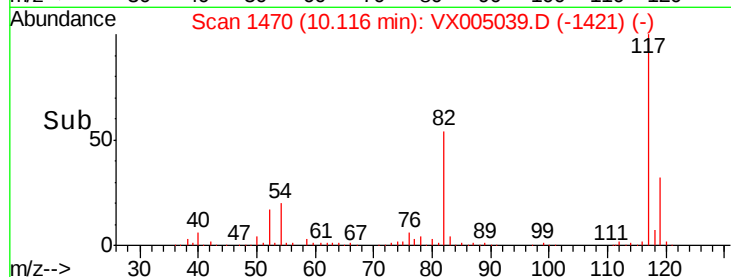
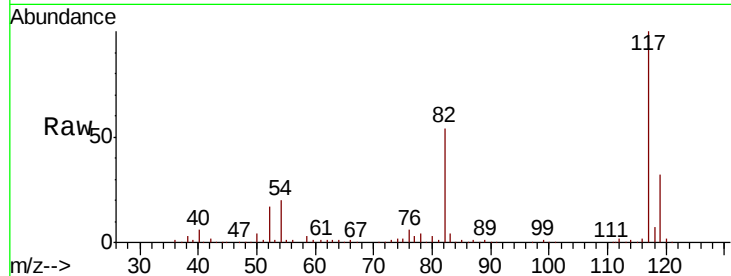




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

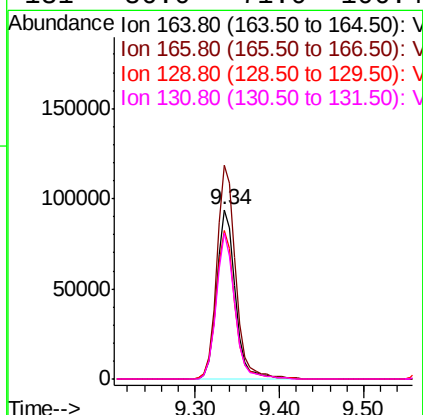
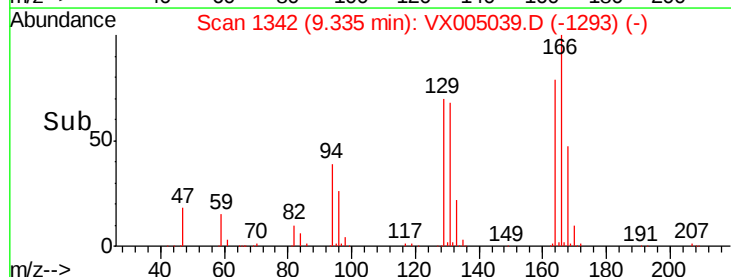
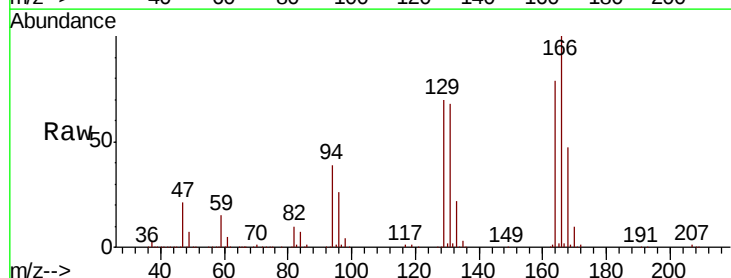
Instrument :
MSVOA_X
ClientSampled :

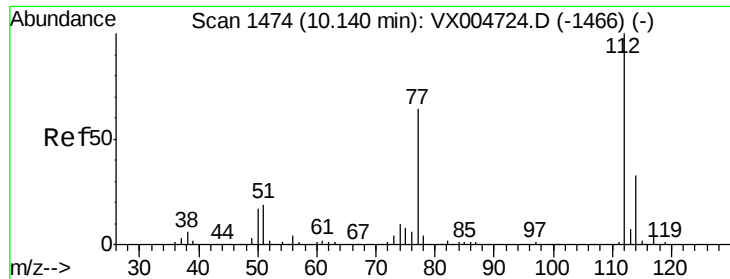
Tot Ion:117 Resp: 310227
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 32.0 27.4 41.0



#64
Tetrachloroethene
Concen: 47.046 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion:164 Resp: 143646
Ion Ratio Lower Upper
164 100
166 126.2 98.4 147.6
129 88.1 76.1 114.1
131 86.0 71.0 106.4





#65

Chlorobenzene

Concen: 48.016 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

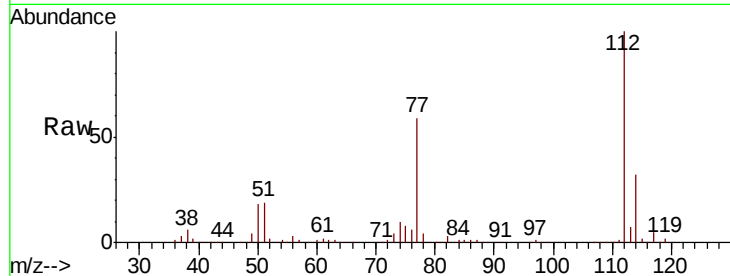
ClientSampleId :

Tot Ion:112 Resp: 381972

Ion Ratio Lower Upper

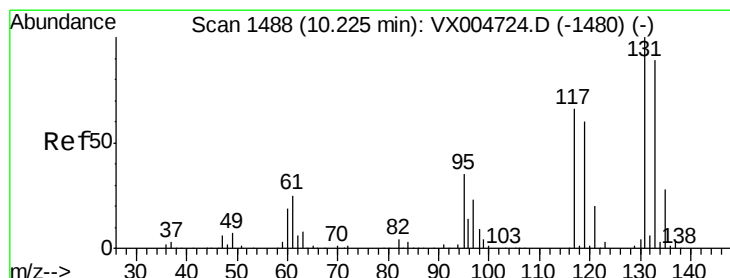
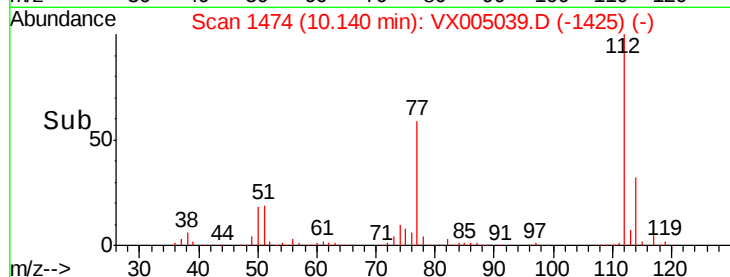
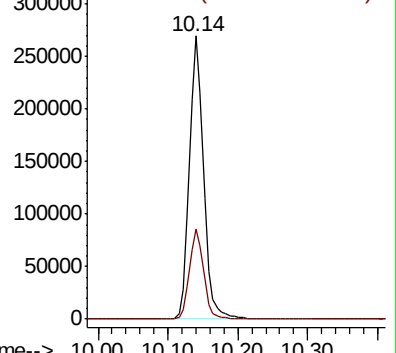
112 100

114 31.9 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.626 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

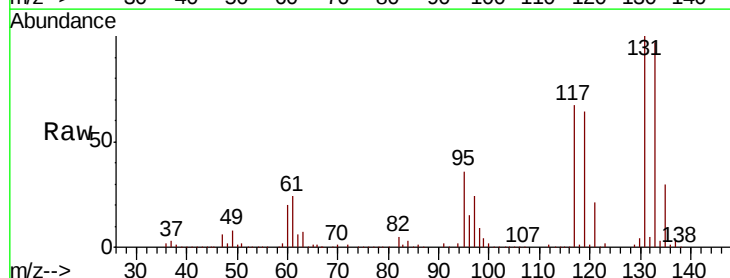
Tgt Ion:131 Resp: 138787

Ion Ratio Lower Upper

131 100

133 96.1 48.4 145.0

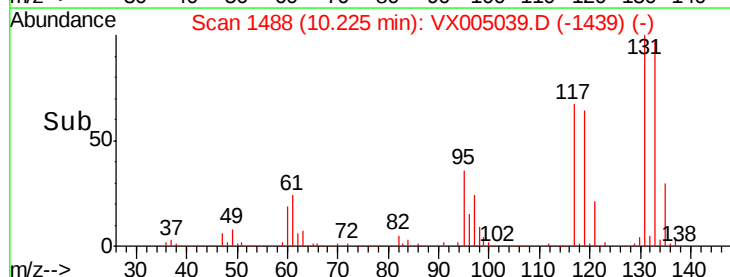
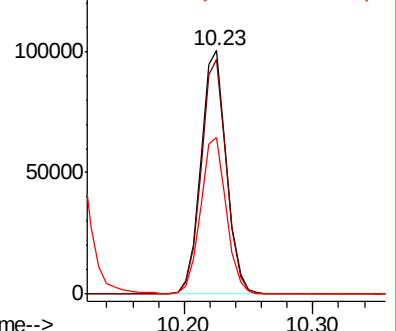
119 64.9 32.3 96.8

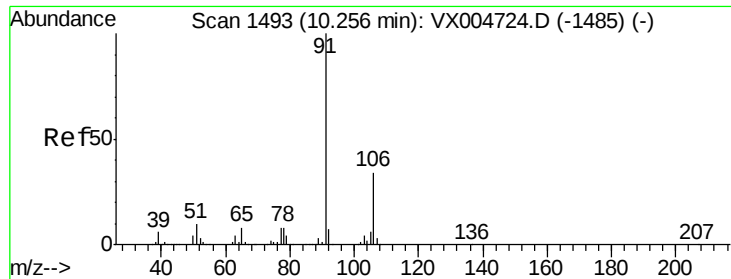


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.376 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

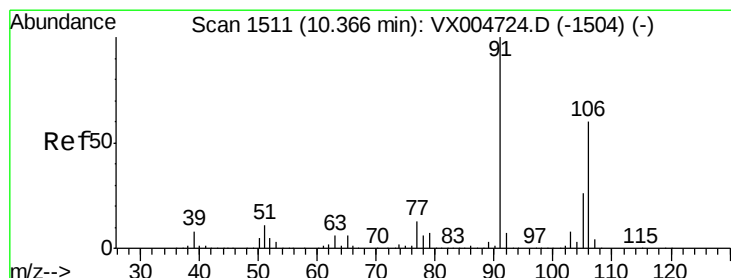
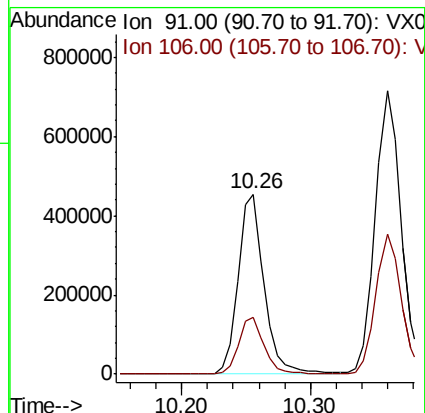
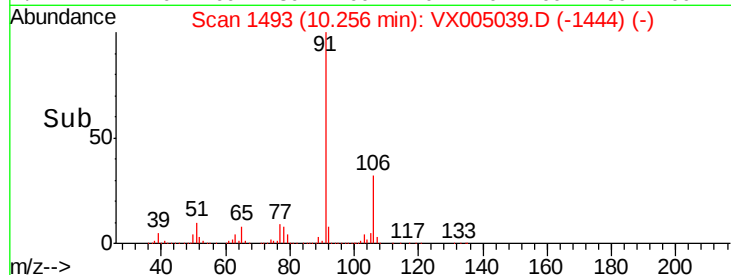
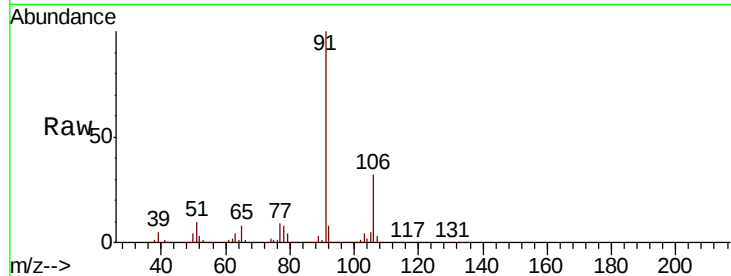
ClientSampleId :

Tot Ion: 91 Resp: 636232

Ion Ratio Lower Upper

91 100

106 31.9 26.9 40.3



#68

m/p-Xylenes

Concen: 100.714 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005039.D

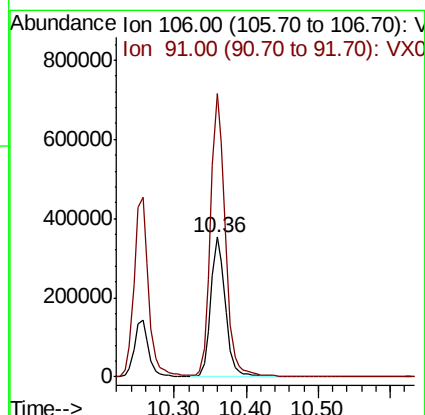
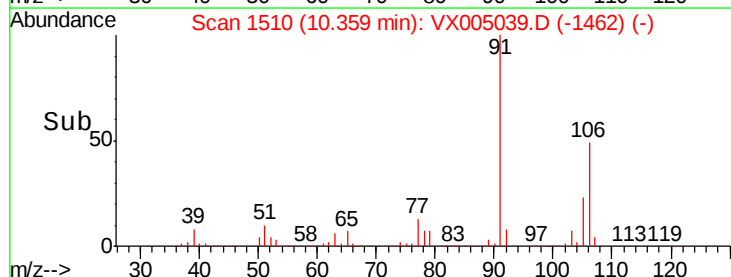
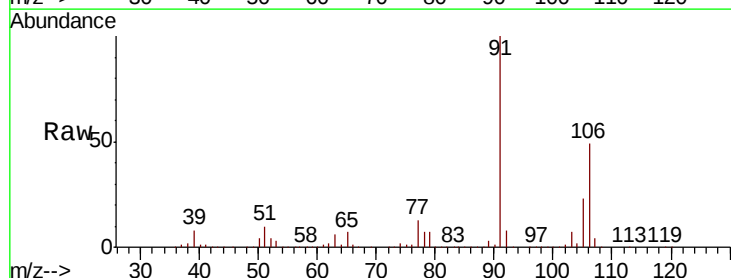
Acq: 05 Oct 2018 00:30

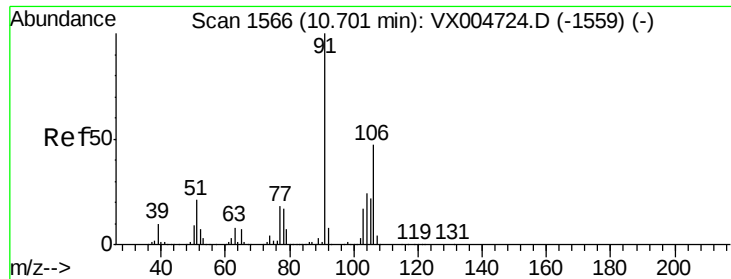
Tgt Ion: 106 Resp: 497059

Ion Ratio Lower Upper

106 100

91 204.3 157.5 236.3

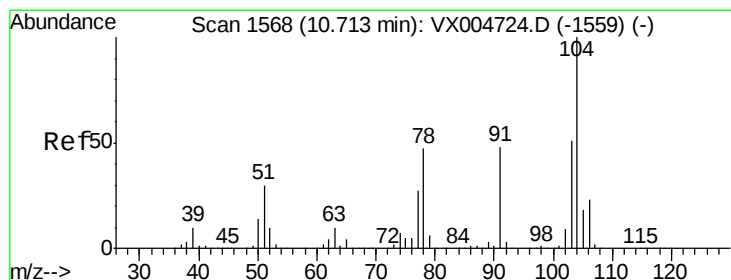
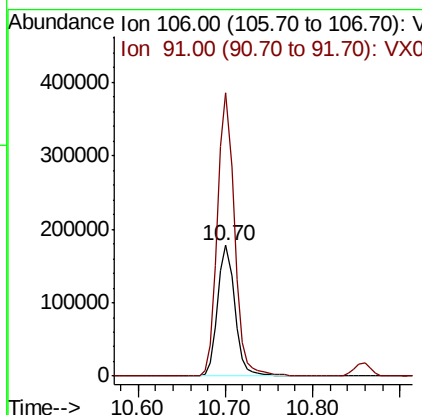
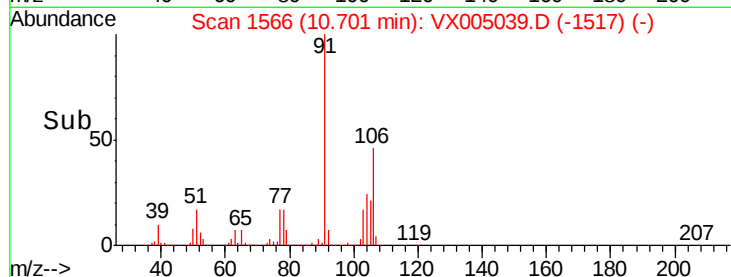
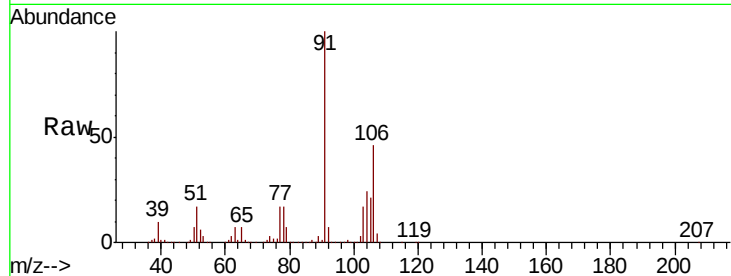




#69
o-Xylene
Concen: 53.488 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

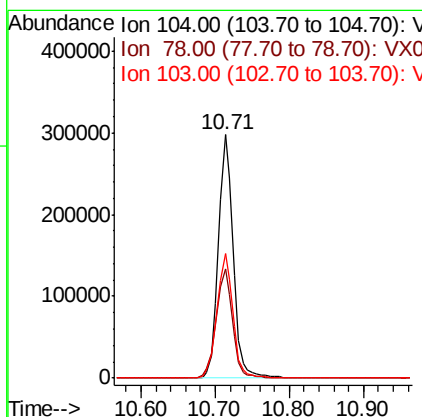
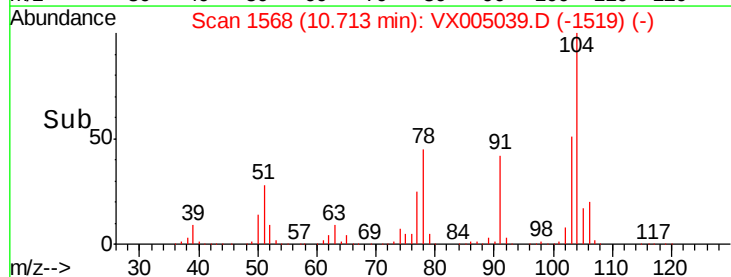
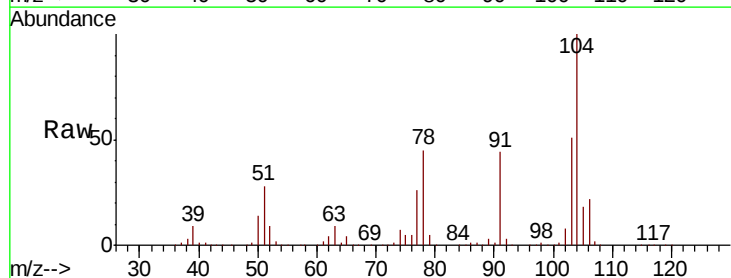
Instrument :
MSVOA_X
ClientSampled :

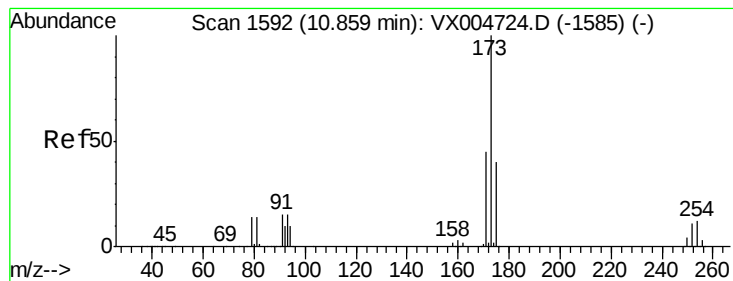
Tot Ion:106 Resp: 242463
Ion Ratio Lower Upper
106 100
91 213.8 108.3 324.8



#70
Styrene
Concen: 48.212 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion:104 Resp: 408078
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 55.4 44.3 66.5





#71

Bromoform

Concen: 50.436 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

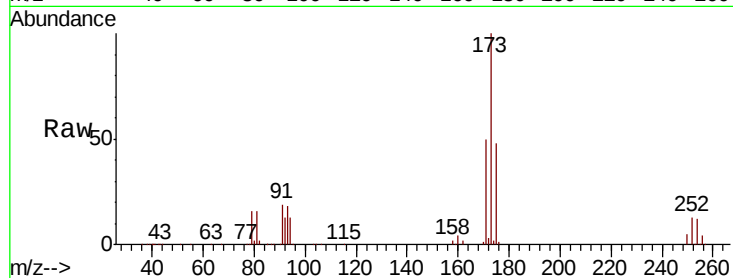
Tot Ion:173 Resp: 120758

Ion Ratio Lower Upper

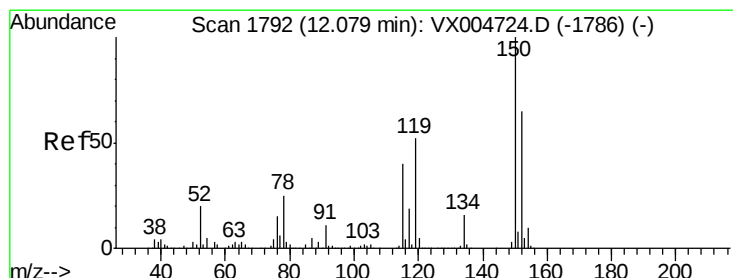
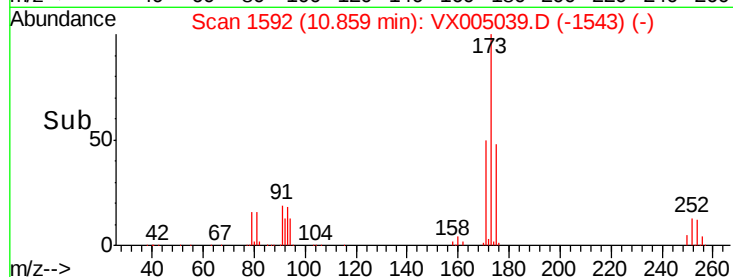
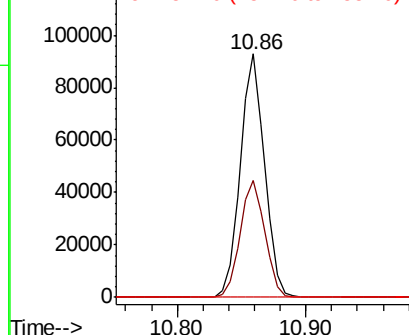
173 100

175 48.9 23.3 69.8

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

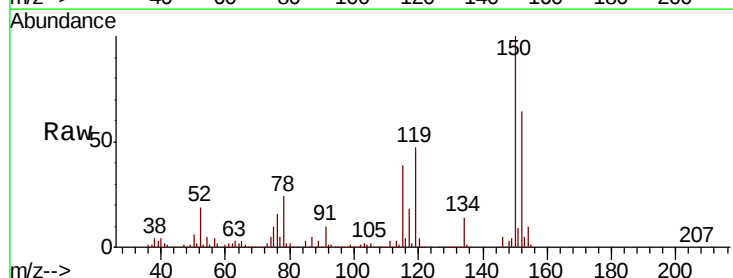
Tgt Ion:152 Resp: 187651

Ion Ratio Lower Upper

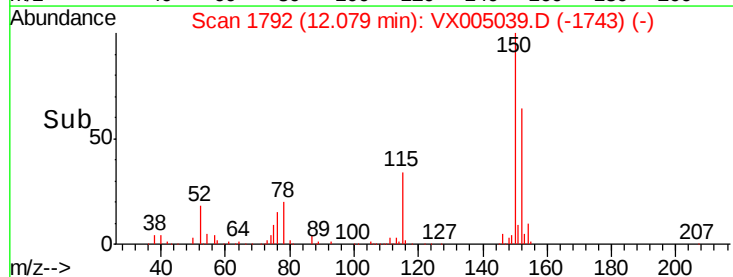
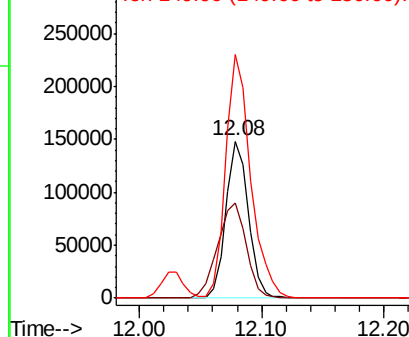
152 100

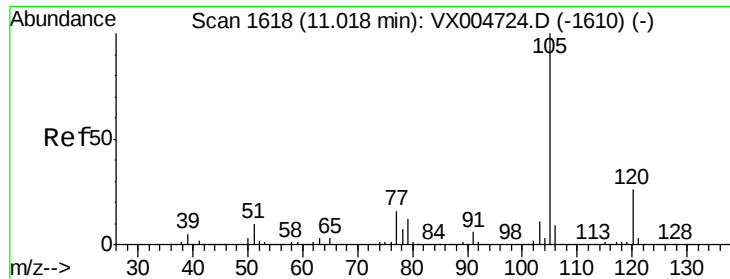
115 77.7 40.2 120.6

150 173.6 0.0 351.0



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: 54.023 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

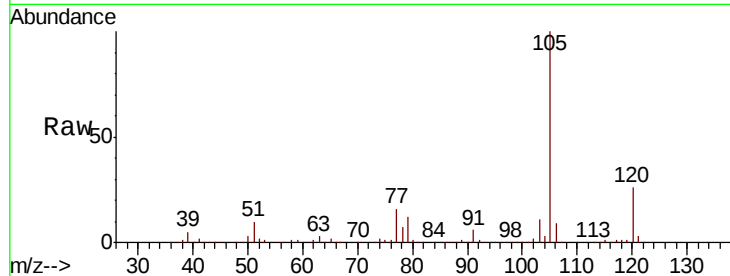
ClientSampled :

Tot Ion: 105 Resp: 638983

Ion Ratio Lower Upper

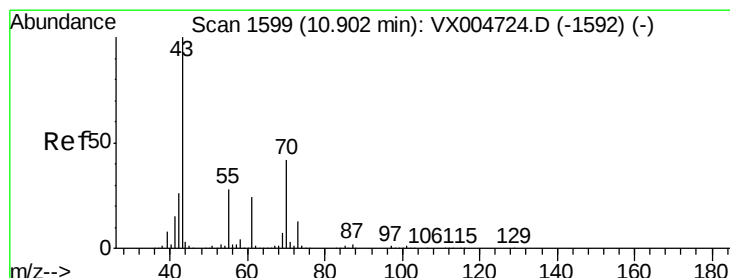
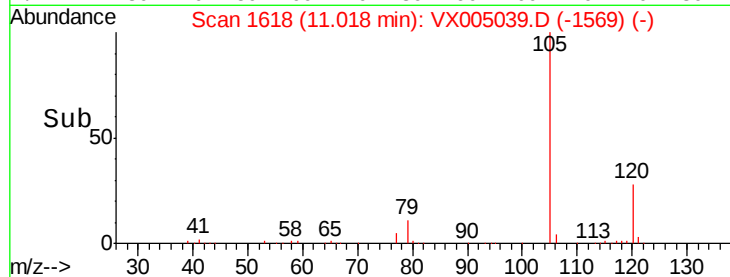
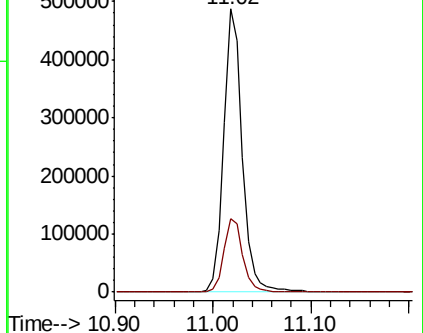
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.048 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion: 43 Resp: 271484

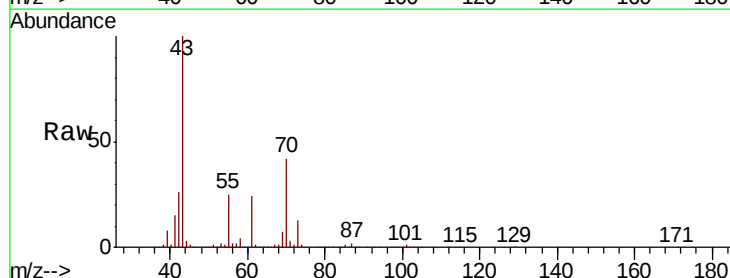
Ion Ratio Lower Upper

43 100

70 40.9 32.6 48.8

55 25.3 21.6 32.4

61 23.9 19.1 28.7

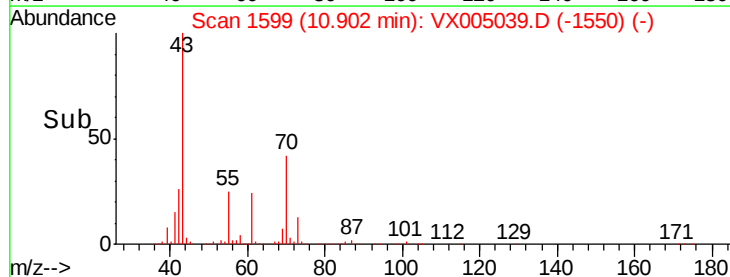
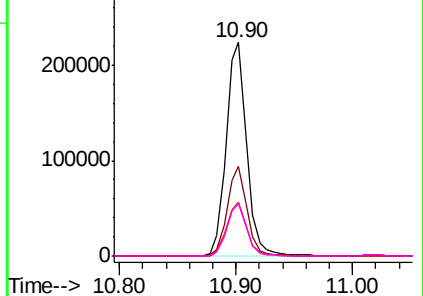


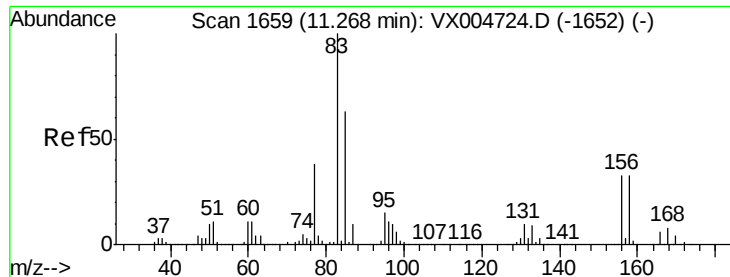
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.684 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampled :

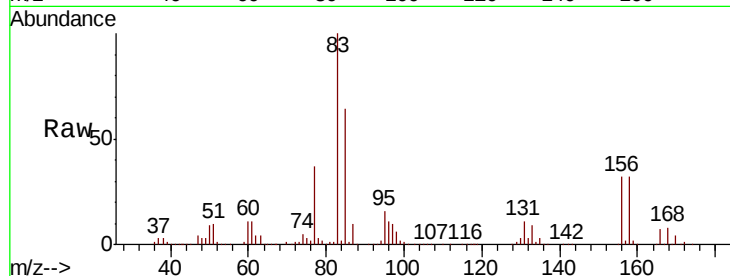
Tot Ion: 83 Resp: 234401

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

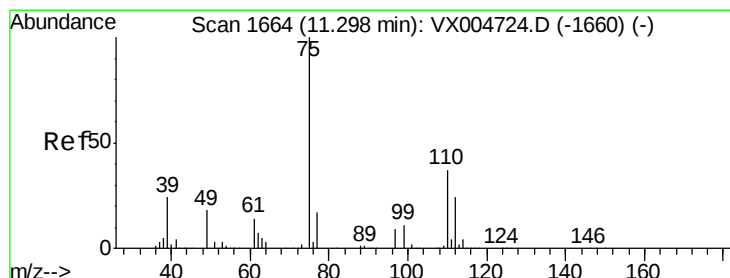
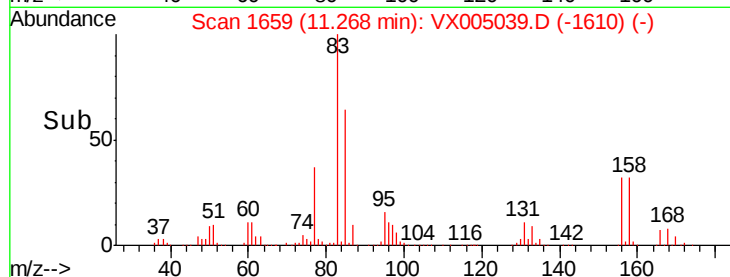
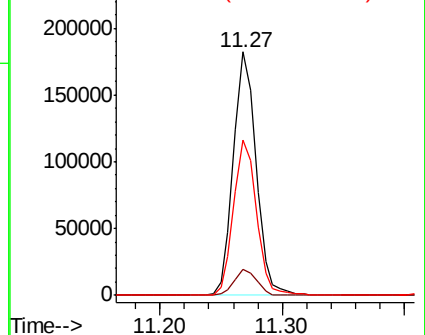
85 64.4 31.9 95.9



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: 63.106 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005039.D

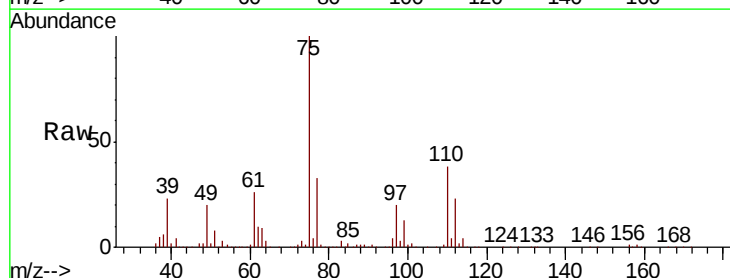
Acq: 05 Oct 2018 00:30

Tgt Ion: 75 Resp: 265419

Ion Ratio Lower Upper

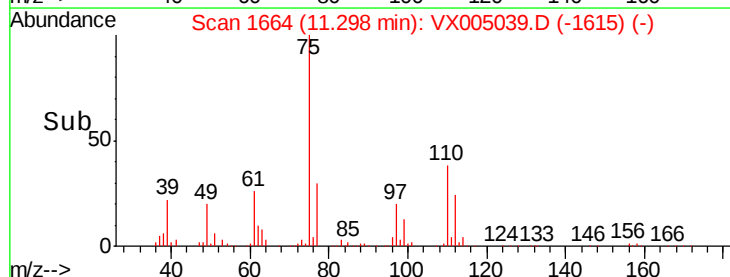
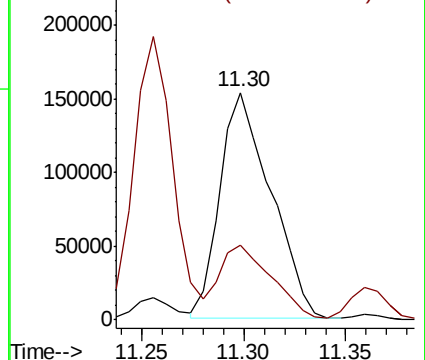
75 100

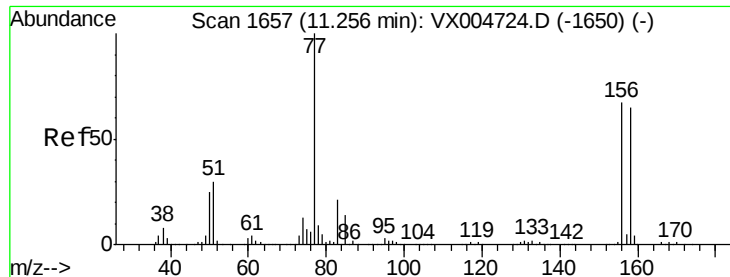
77 33.8 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.195 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampled :

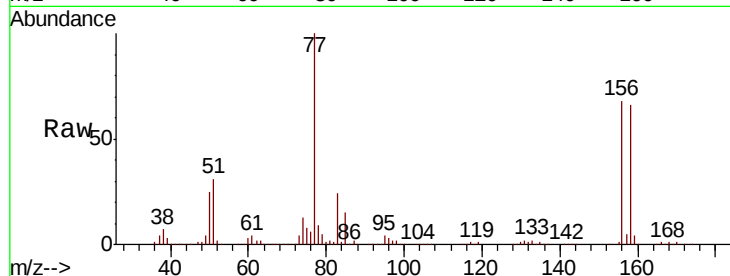
Tot Ion:156 Resp: 175881

Ion Ratio Lower Upper

156 100

77 146.0 73.4 220.2

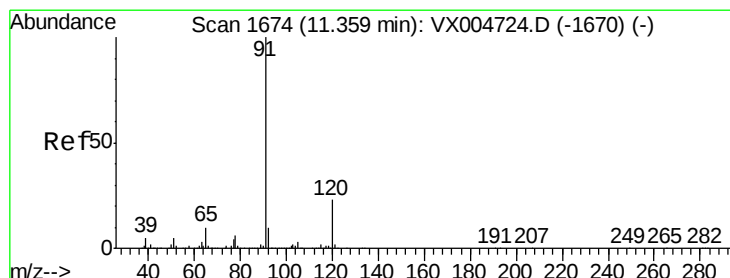
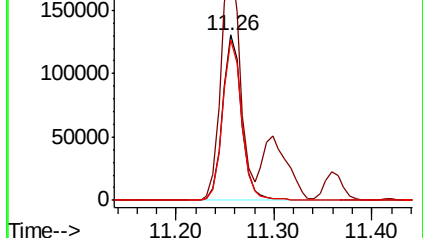
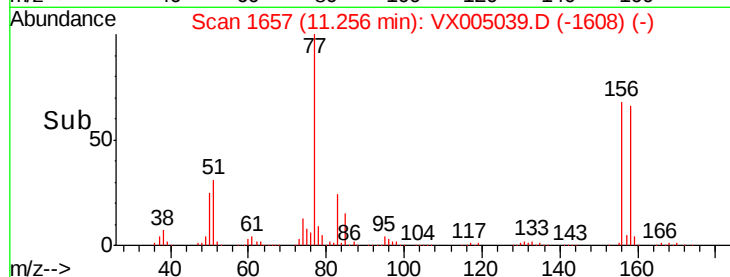
158 97.7 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.477 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005039.D

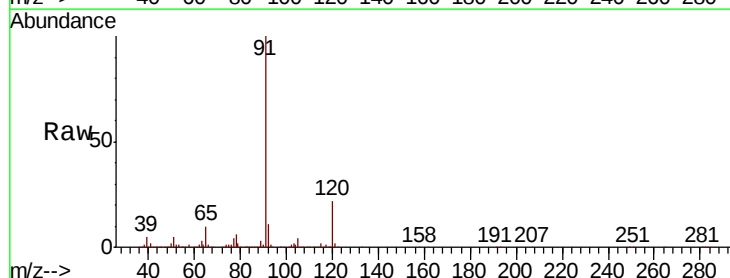
Acq: 05 Oct 2018 00:30

Tgt Ion: 91 Resp: 725738

Ion Ratio Lower Upper

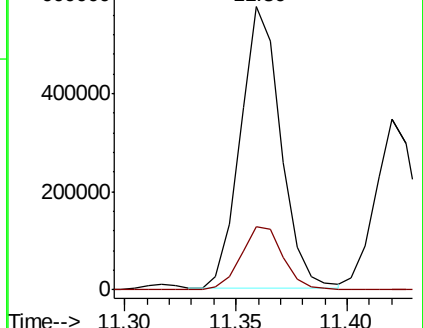
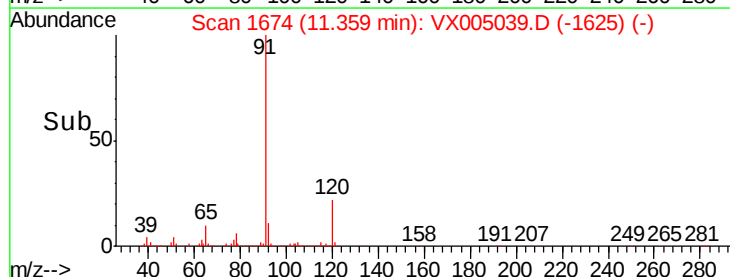
91 100

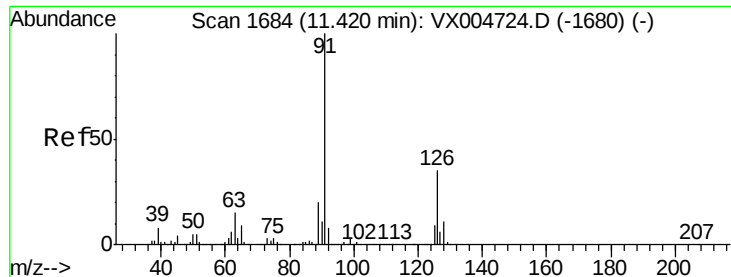
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.522 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

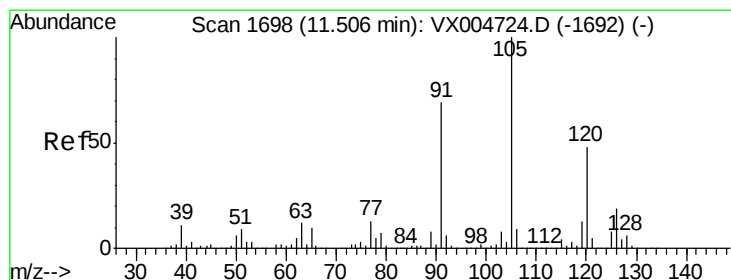
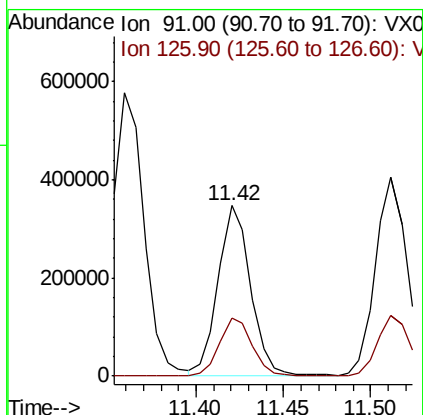
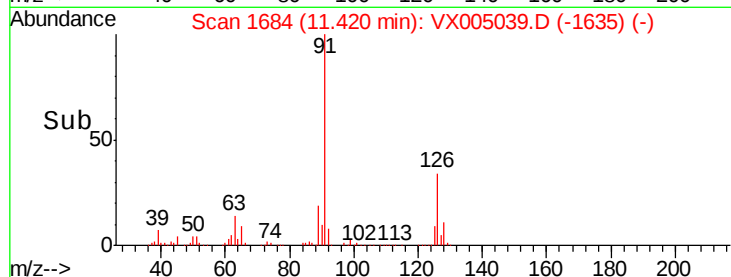
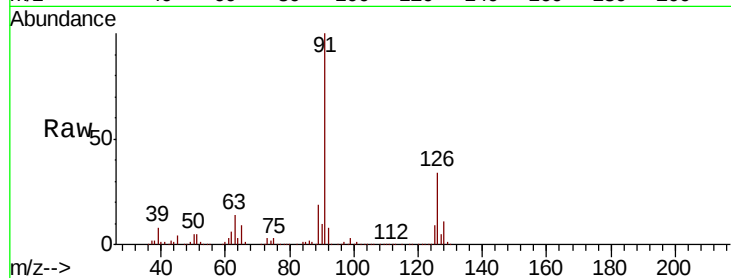
ClientSampleId :

Tot Ion: 91 Resp: 444286

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 49.955 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005039.D

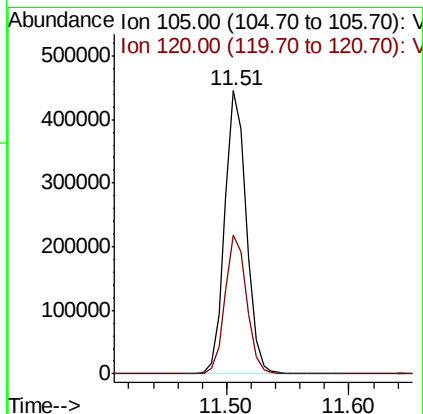
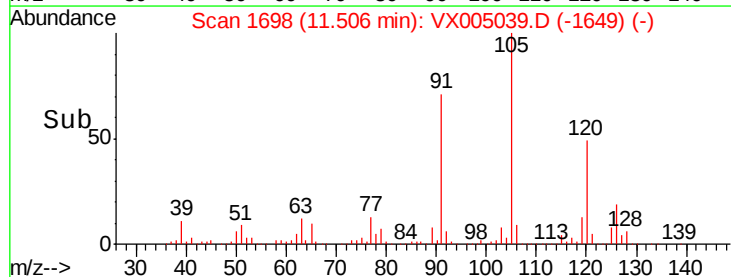
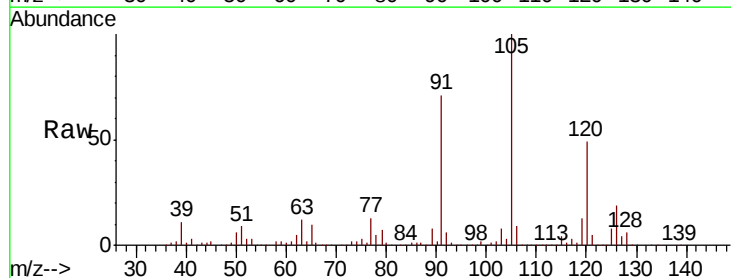
Acq: 05 Oct 2018 00:30

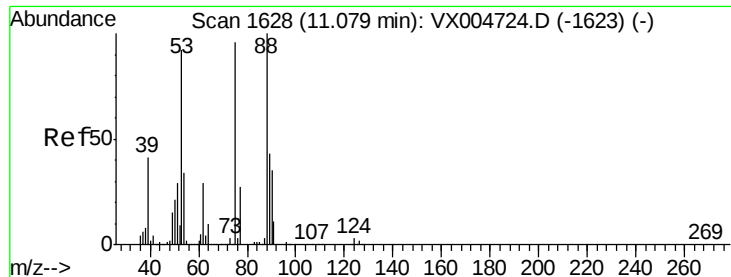
Tgt Ion: 105 Resp: 541546

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

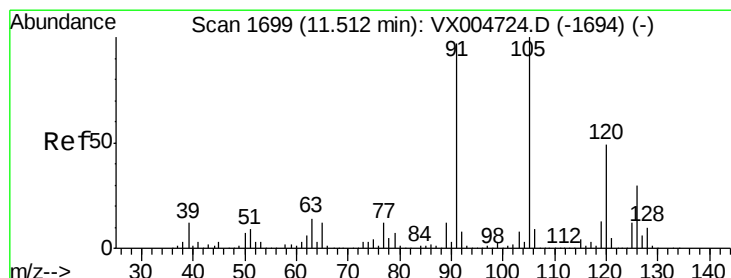
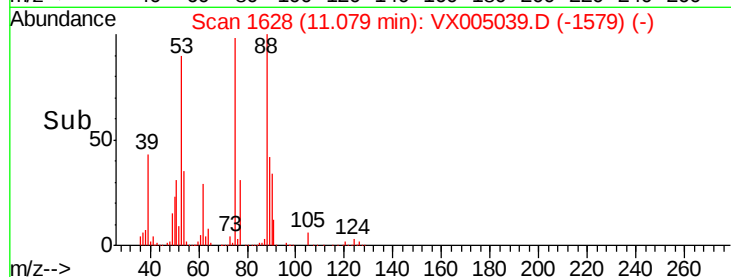
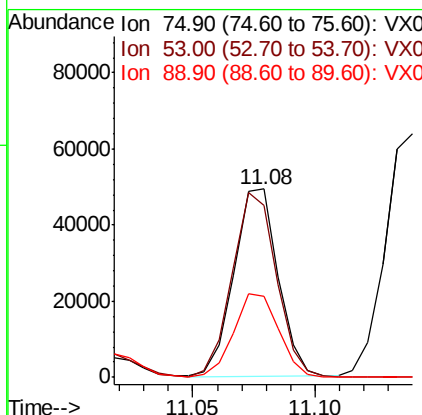
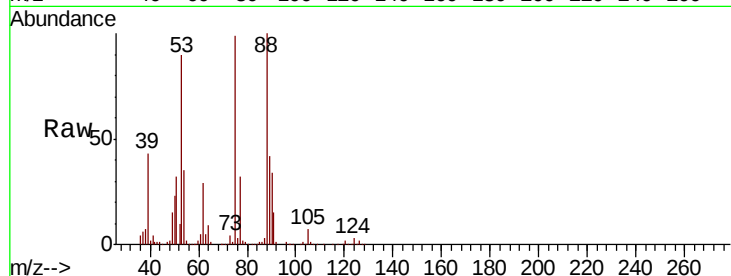




#81
trans-1,4-Dichloro-2-butene
Concen: 40.716 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

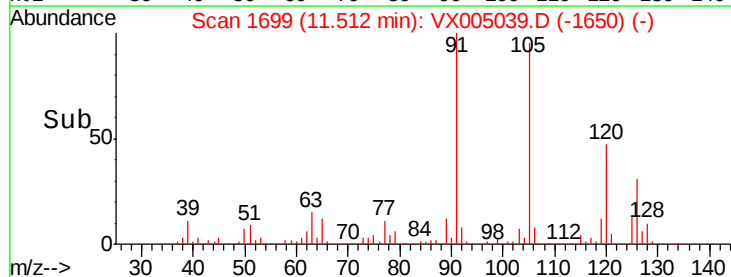
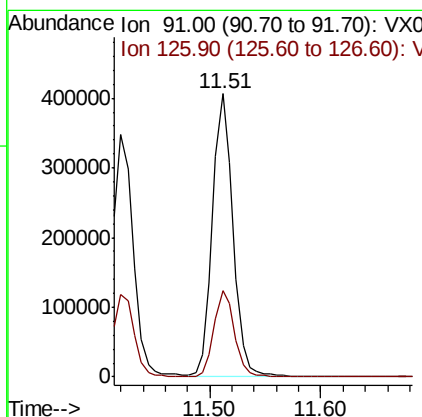
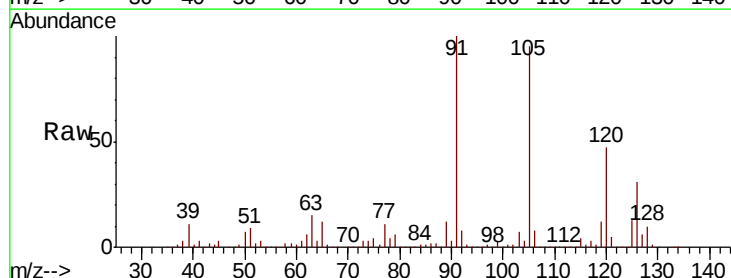
Instrument :
MSVOA_X
ClientSampleId :

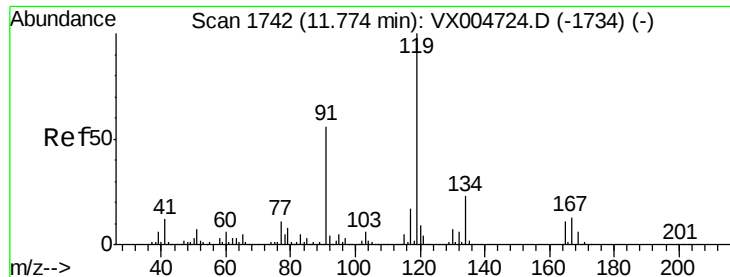
Tot Ion: 75 Resp: 62196
Ion Ratio Lower Upper
75 100
53 99.7 80.2 120.4
89 45.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 52.303 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 91 Resp: 520771
Ion Ratio Lower Upper
91 100
126 30.5 15.5 46.5

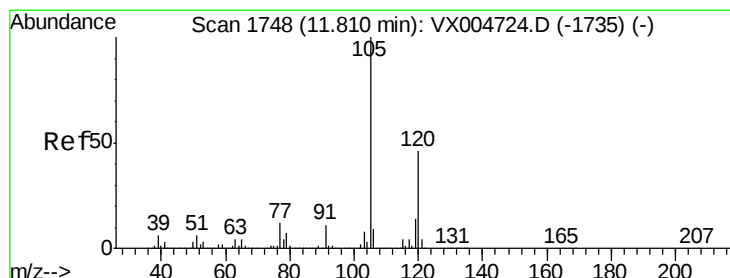
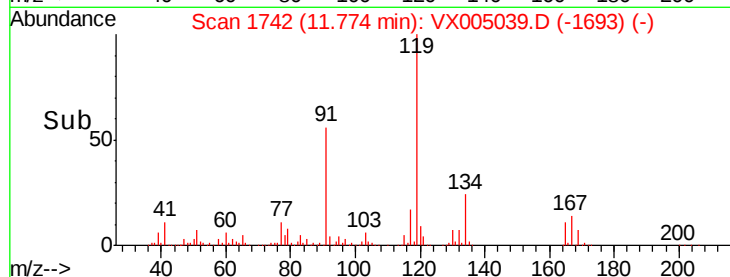
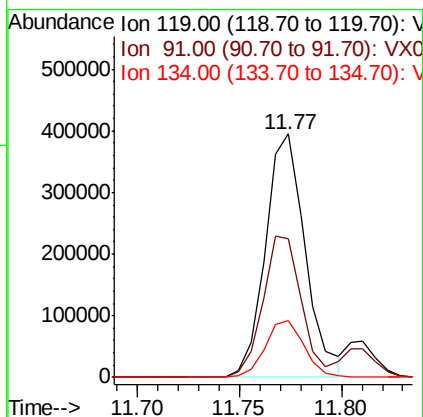
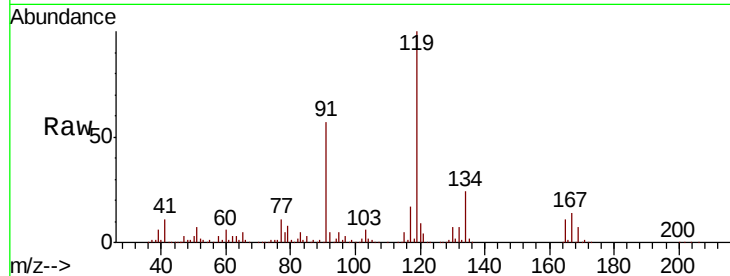




#83
 tert-Butylbenzene
 Concen: 55.089 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

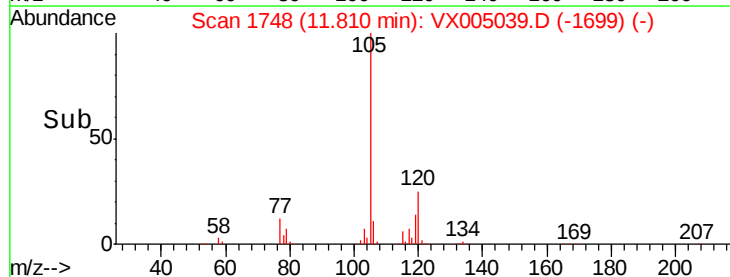
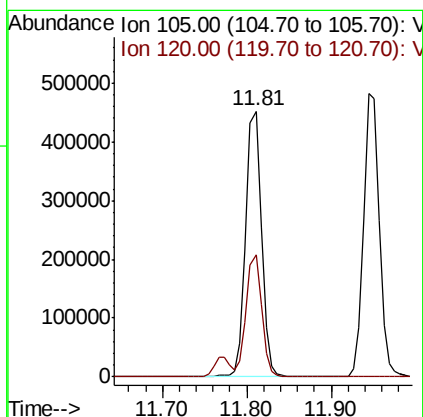
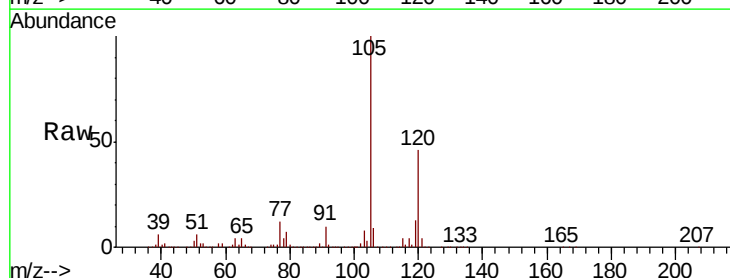
Instrument :
 MSVOA_X
 ClientSampleId :

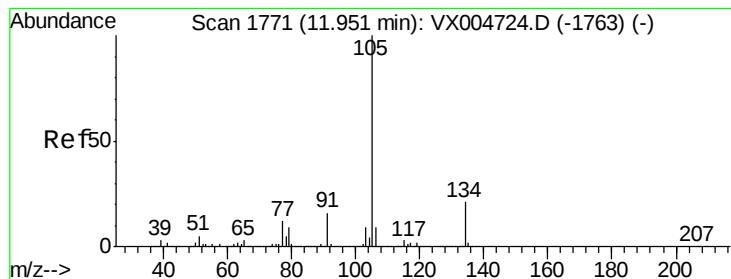
Tot Ion:119 Resp: 536474
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.5 82.5
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.463 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:105 Resp: 564144
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.950 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

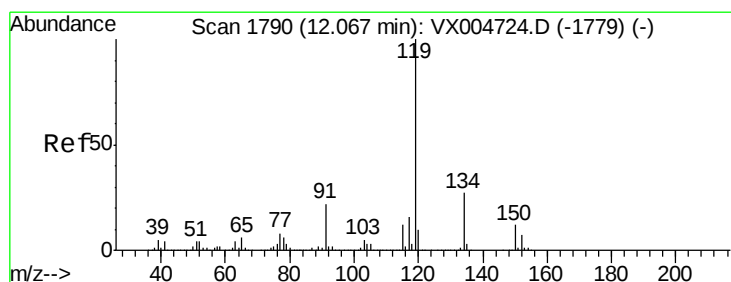
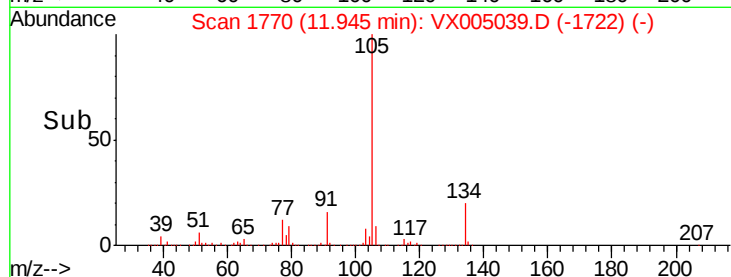
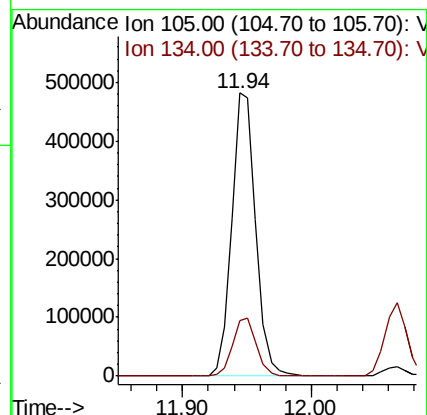
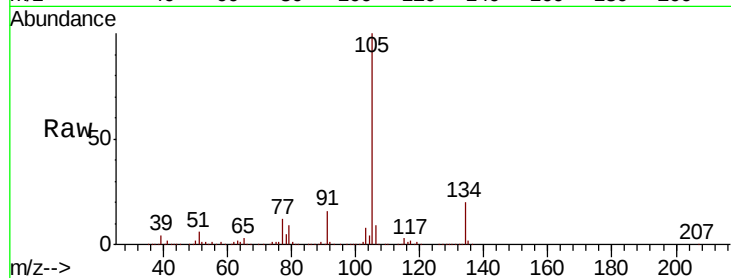
ClientSampled :

Tot Ion:105 Resp: 628072

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.421 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

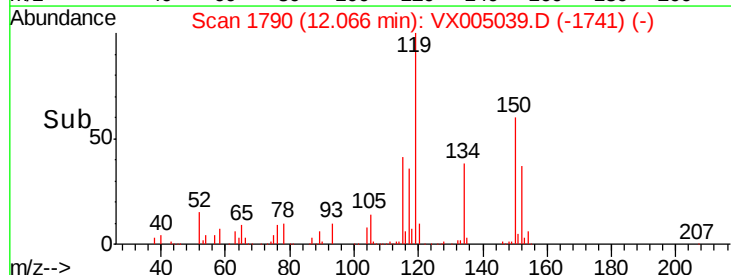
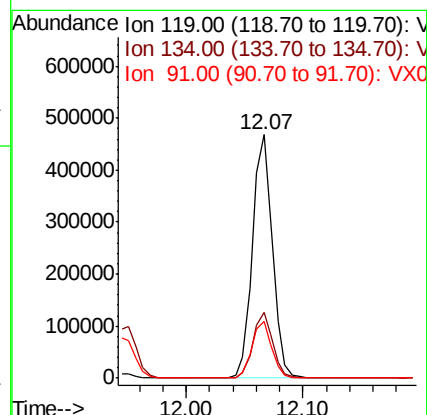
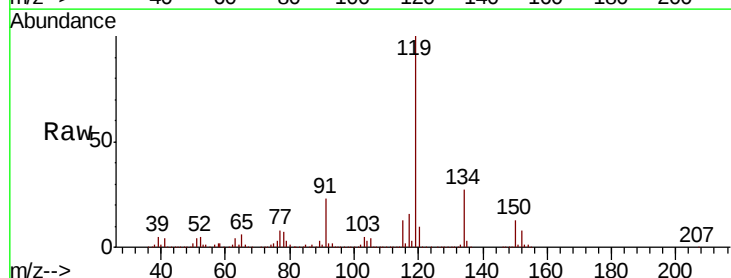
Tgt Ion:119 Resp: 563349

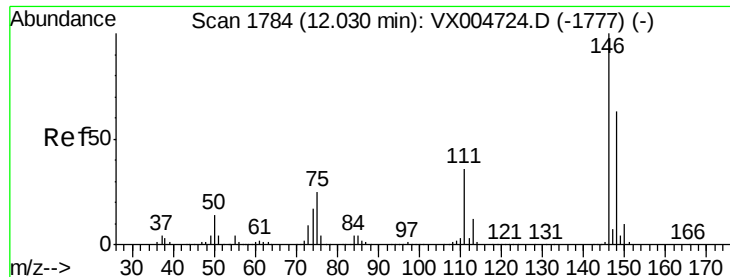
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 23.1 11.5 34.4

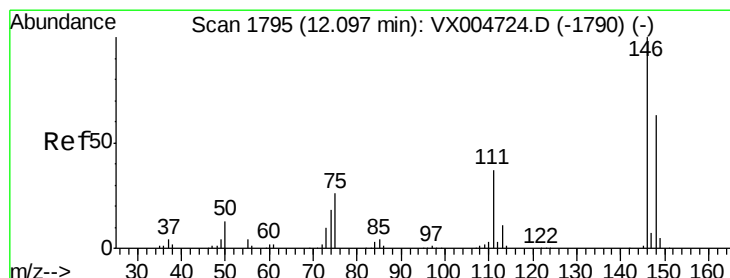
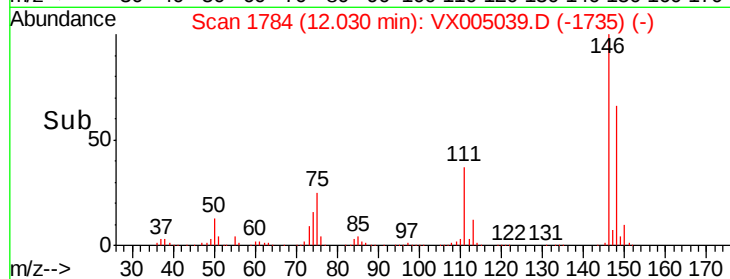
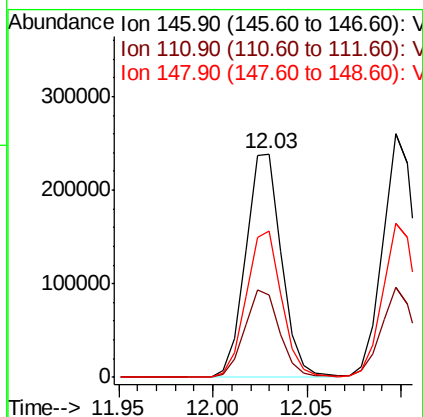
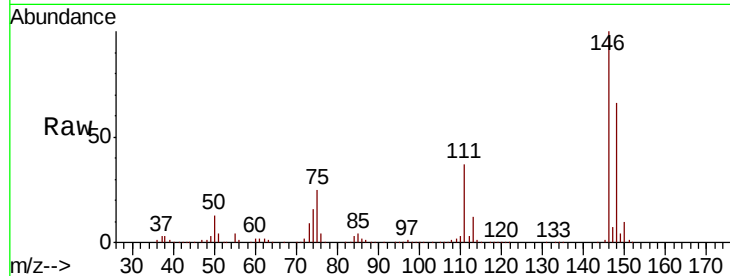




#87
 1,3-Dichlorobenzene
 Concen: 49.236 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

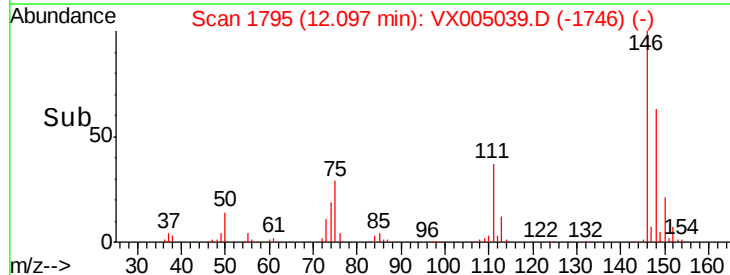
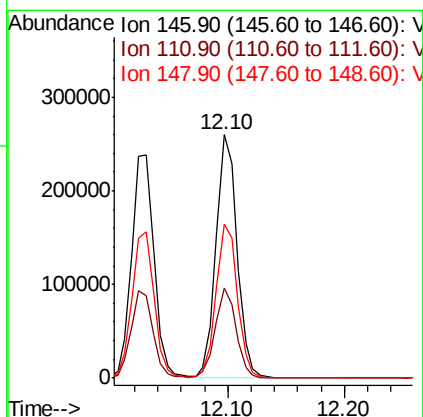
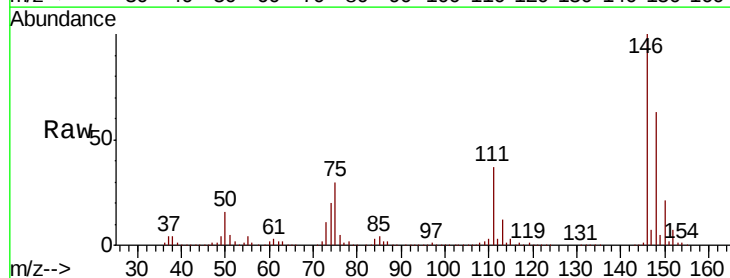
Instrument :
 MSVOA_X
 ClientSampleId :

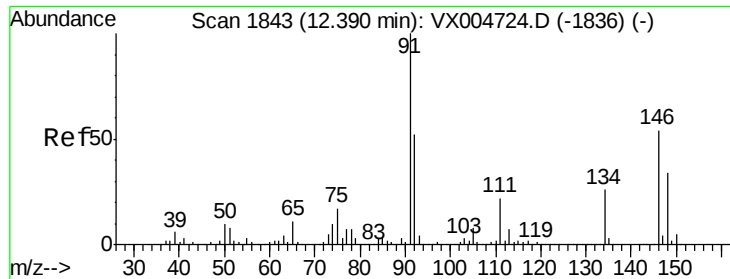
Tot Ion:146 Resp: 315853
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 64.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.753 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:146 Resp: 322851
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.2
 148 64.4 32.0 96.0

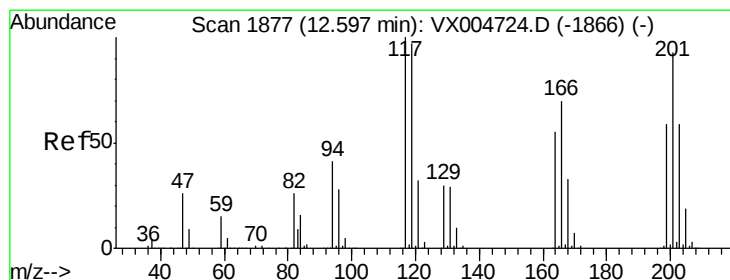
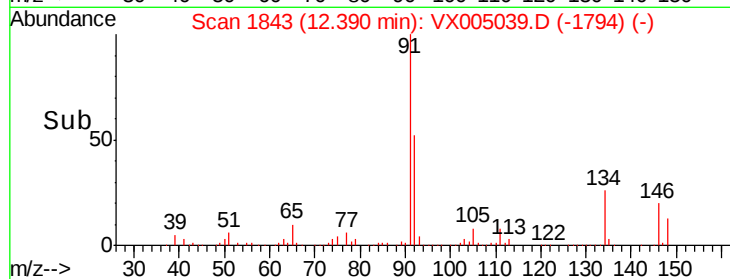
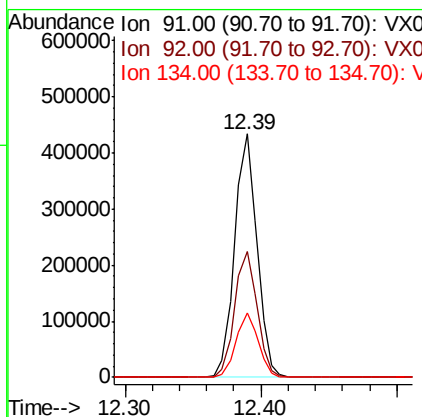
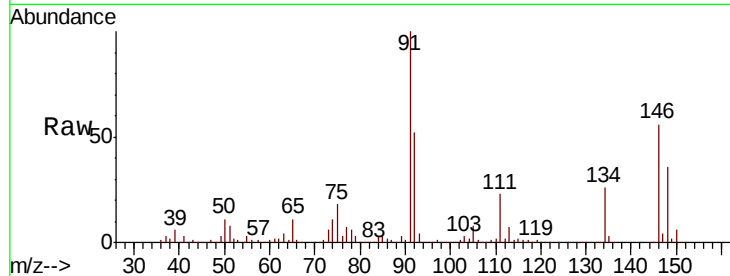




#89
n-Butylbenzene
Concen: 50.832 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

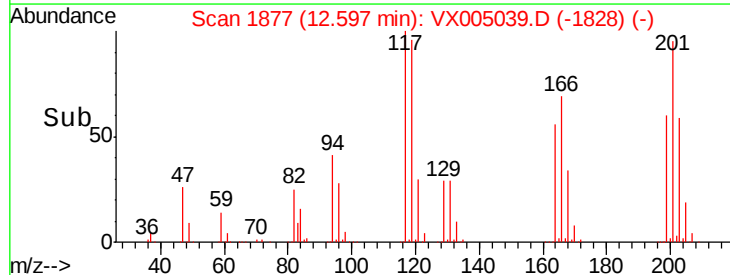
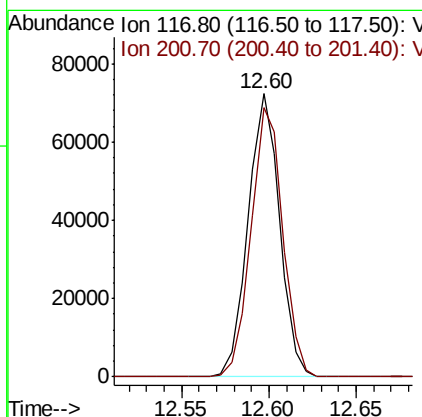
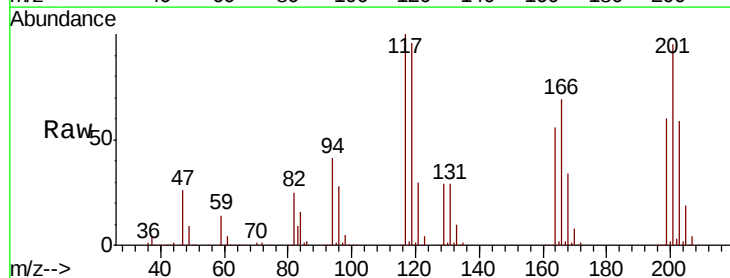
Instrument :
MSVOA_X
ClientSampled :

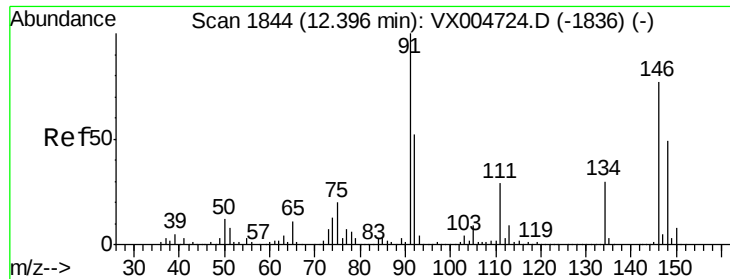
Tot Ion: 91 Resp: 496116
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 50.492 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 117 Resp: 90345
Ion Ratio Lower Upper
117 100
201 96.1 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 48.259 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

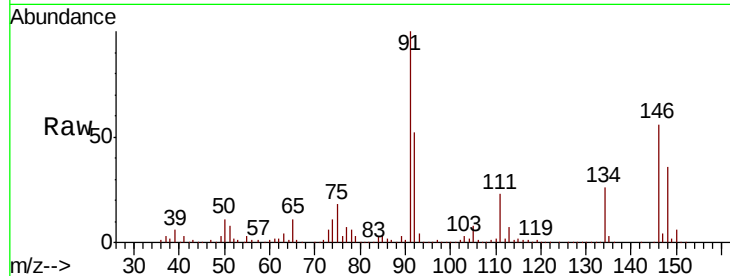
Tot Ion:146 Resp: 323529

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

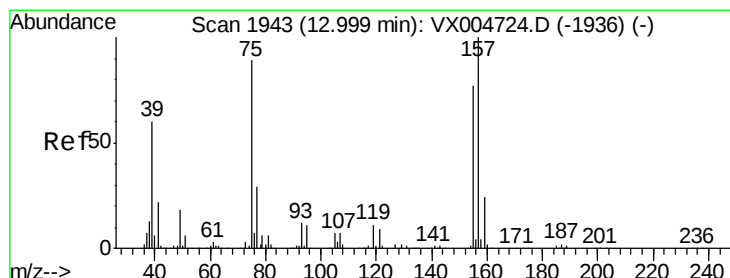
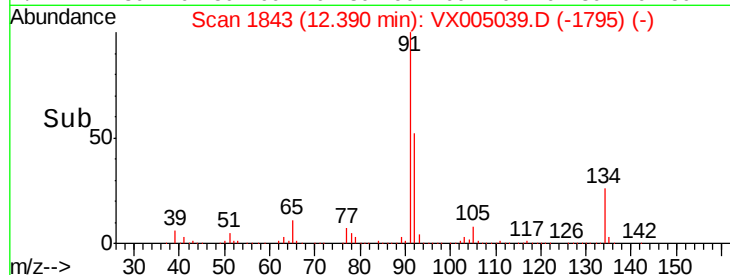
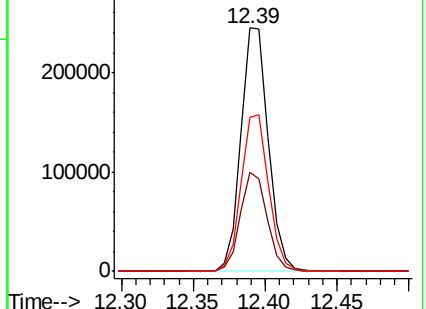
148 64.5 31.8 95.4



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: 51.723 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

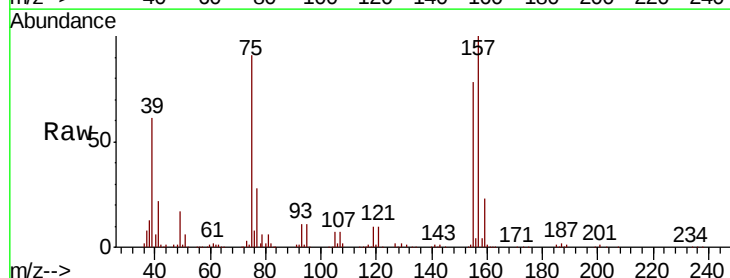
Tgt Ion: 75 Resp: 54680

Ion Ratio Lower Upper

75 100

155 92.0 46.1 138.3

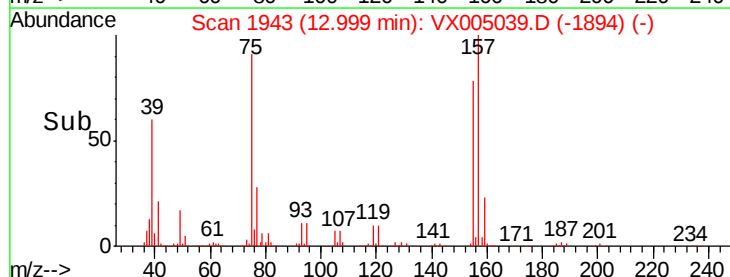
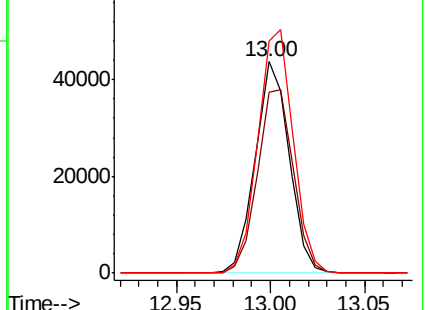
157 119.2 60.2 180.6

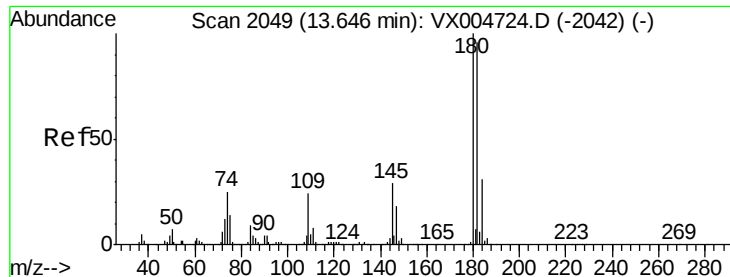


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

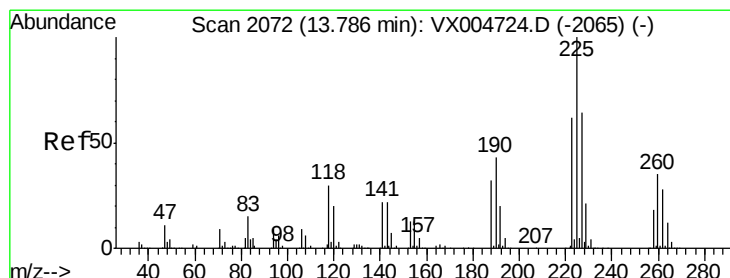
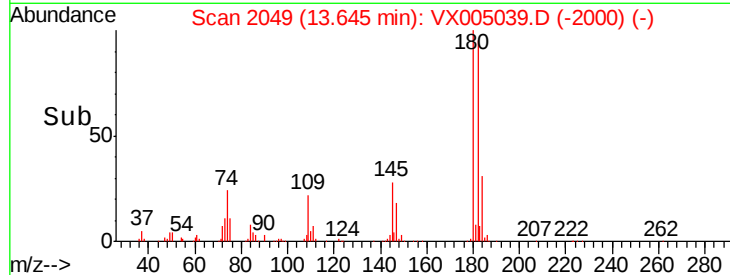
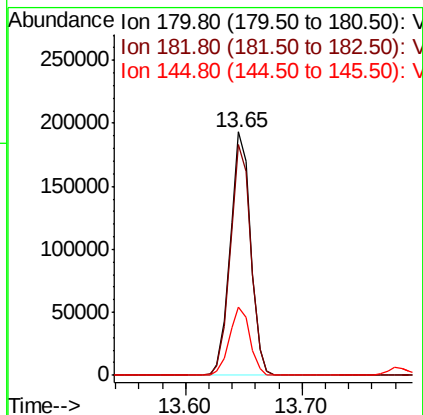
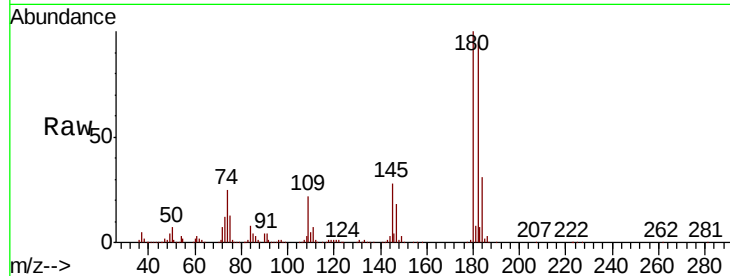




#93
 1,2,4-Trichlorobenzene
 Concen: 49.897 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

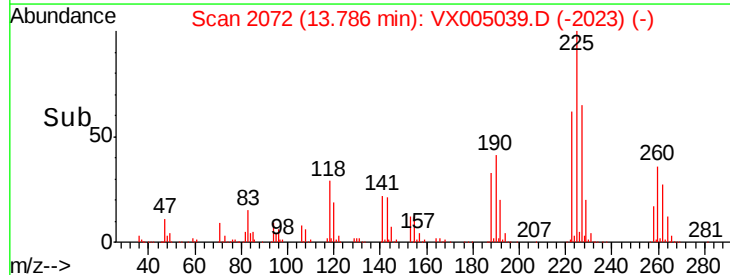
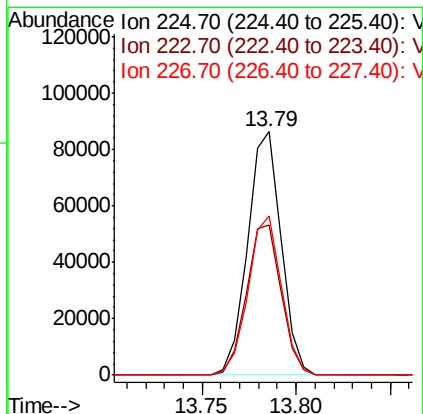
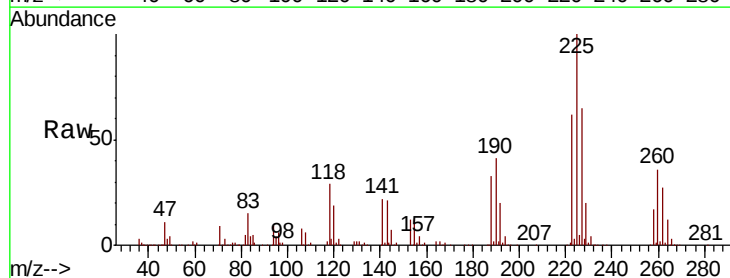
Instrument :
 MSVOA_X
 ClientSampleId :

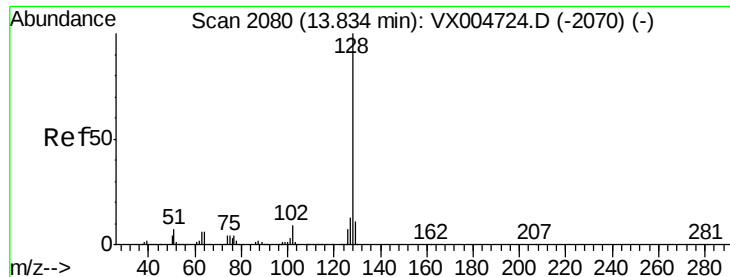
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	28.2	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 43.630 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.8
227	65.0	31.9	95.5





#95

Naphthalene

Concen: 50.253 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

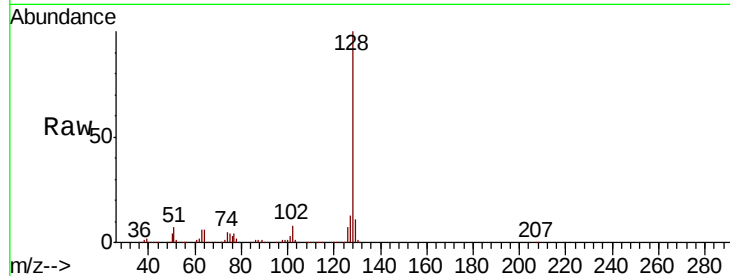
Tot Ion:128 Resp: 784450

Ion Ratio Lower Upper

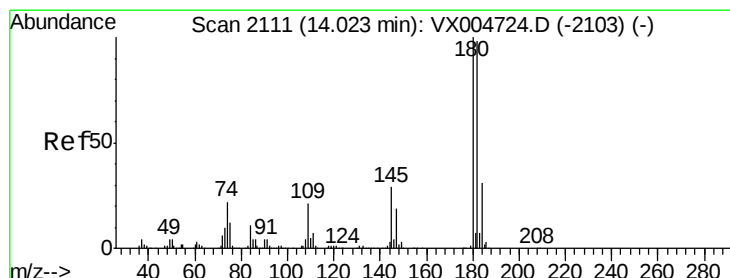
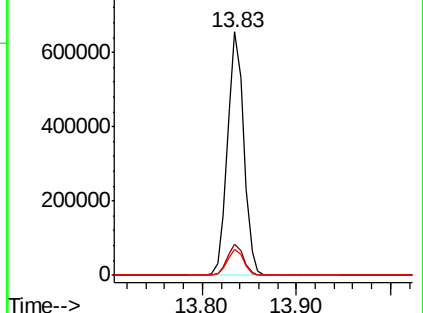
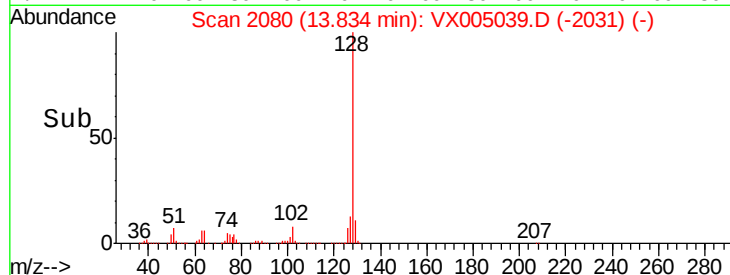
128 100

127 12.9 10.4 15.6

129 10.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 50.345 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

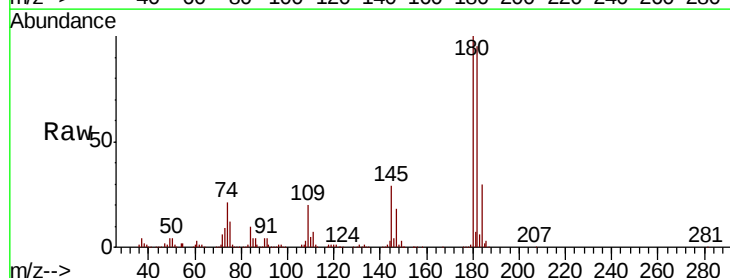
Tgt Ion:180 Resp: 244577

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 29.8 15.0 45.0



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

