

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004121.D
 Acq On : 17 Aug 2018 08:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:27:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	211997	48.73	ug/l	0.00
Spiked Amount						
			Recovery	=	97.46%	
35) Dibromofluoromethane	5.50	113	171392	52.13	ug/l	0.00
Spiked Amount						
			Recovery	=	104.26%	
50) Toluene-d8	8.71	98	701965	52.66	ug/l	0.00
Spiked Amount						
			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	11.14	95	243074	50.28	ug/l	0.00
Spiked Amount						
			Recovery	=	100.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153605	51.11	ug/l	100
3) Chloromethane	1.32	50	218010	59.11	ug/l	99
4) Vinyl Chloride	1.41	62	189586	47.51	ug/l	99
5) Bromomethane	1.64	94	88792	43.89	ug/l	100
6) Chloroethane	1.72	64	133223	50.78	ug/l	96
7) Trichlorofluoromethane	1.93	101	276173	49.33	ug/l	99
8) Diethyl Ether	2.19	74	117078	47.91	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	174503	49.97	ug/l	100
10) Methyl Iodide	2.51	142	121374	34.29	ug/l	100
11) Tert butyl alcohol	3.04	59	198645	226.76	ug/l	99
12) 1,1-Dichloroethene	2.38	96	157242	48.41	ug/l	96
13) Acrolein	2.29	56	93292	161.04	ug/l	100
14) Allyl chloride	2.73	41	291183	47.12	ug/l	96
15) Acrylonitrile	3.14	53	506862	232.06	ug/l	99
16) Acetone	2.44	43	581252	256.99	ug/l	100
17) Carbon Disulfide	2.57	76	442403	48.02	ug/l	100
18) Methyl Acetate	2.77	43	247830	49.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	541230	47.30	ug/l	99
20) Methylene Chloride	2.86	84	188114	50.90	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	175221	47.50	ug/l	97
22) Diisopropyl ether	3.86	45	562806	46.47	ug/l #	90
23) Vinyl Acetate	3.82	43	2428537	244.16	ug/l	100
24) 1,1-Dichloroethane	3.70	63	349164	50.90	ug/l	100
25) 2-Butanone	4.70	43	871962	236.95	ug/l	99
26) 2,2-Dichloropropane	4.59	77	262751	48.18	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	200619	48.37	ug/l	97
28) Bromochloromethane	5.02	49	147842	46.98	ug/l	97
29) Tetrahydrofuran	5.15	42	409893	218.01	ug/l	99
30) Chloroform	5.21	83	319021	47.65	ug/l	99
31) Cyclohexane	5.58	56	278762	46.36	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	273951	48.97	ug/l	98
36) 1,1-Dichloropropene	5.80	75	252733	50.56	ug/l	100
37) Ethyl Acetate	4.85	43	255772	46.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	253655	52.23	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	305288	53.83	ug/l	98
40) Benzene	6.14	78	761536	50.73	ug/l	98
41) Methacrylonitrile	5.06	41	139932	45.90	ug/l	99
42) 1,2-Dichloroethane	6.20	62	258987	49.29	ug/l	100
43) Isopropyl Acetate	6.46	43	389489	48.54	ug/l	100
44) Trichloroethene	7.21	130	208069	51.06	ug/l	94
45) 1,2-Dichloropropane	7.52	63	200667	52.22	ug/l	100
46) Dibromomethane	7.67	93	130477	51.96	ug/l	99
47) Bromodichloromethane	7.90	83	256372	53.90	ug/l	99
48) Methyl methacrylate	7.77	41	213359	52.82	ug/l	98
49) 1,4-Dioxane	7.76	88	93790	1031.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1735491	263.78	ug/l	100
52) Toluene	8.79	92	509208	53.64	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	281894	54.86	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	309657	54.42	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	203686	51.96	ug/l	99
56) Ethyl methacrylate	9.18	69	291107	54.61	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341177	52.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	742680	273.59	ug/l	99
59) 2-Hexanone	9.50	43	1337074	270.03	ug/l	100
60) Dibromochloromethane	9.59	129	207801	55.08	ug/l	100
61) 1,2-Dibromoethane	9.67	107	212983	53.29	ug/l	99
64) Tetrachloroethene	9.34	164	200294	50.69	ug/l	95
65) Chlorobenzene	10.14	112	538224	49.98	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	194908	53.07	ug/l	99
67) Ethyl Benzene	10.25	91	895855	52.54	ug/l	97
68) m/p-Xylenes	10.36	106	720220	107.86	ug/l	97
69) o-Xylene	10.70	106	334786	52.46	ug/l	95
70) Styrene	10.71	104	562681	52.39	ug/l	99
71) Bromoform	10.86	173	150654	51.73	ug/l	100
73) Isopropylbenzene	11.02	105	930150	50.85	ug/l	96
74) N-amyl acetate	6.46	43	389489	45.27	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	308523	48.29	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	343856	63.43	ug/l	83
77) Bromobenzene	11.26	156	247774	49.13	ug/l	99
78) n-propylbenzene	11.36	91	1102477	53.85	ug/l	99
79) 2-Chlorotoluene	11.42	91	626300	50.20	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	768556	51.31	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	86352	49.31	ug/l	100
82) 4-Chlorotoluene	11.51	91	724014	49.09	ug/l	98
83) tert-Butylbenzene	11.77	119	775902	51.38	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	809305	52.17	ug/l	99
85) sec-Butylbenzene	11.94	105	964293	54.55	ug/l	98
86) p-Isopropyltoluene	12.07	119	839980	52.49	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	452084	47.00	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	477792	48.27	ug/l	99
89) n-Butylbenzene	12.39	91	729935	57.89	ug/l	98
90) Hexachloroethane	12.60	117	126282	52.74	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	471060	54.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55819	49.72	ug/l	94

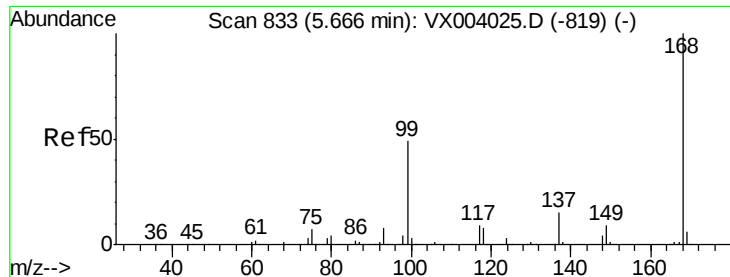
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320203	54.00	ug/l	96
94) Hexachlorobutadiene	13.79	225	157839	53.10	ug/l	99
95) Naphthalene	13.83	128	986604	52.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	353778	54.72	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

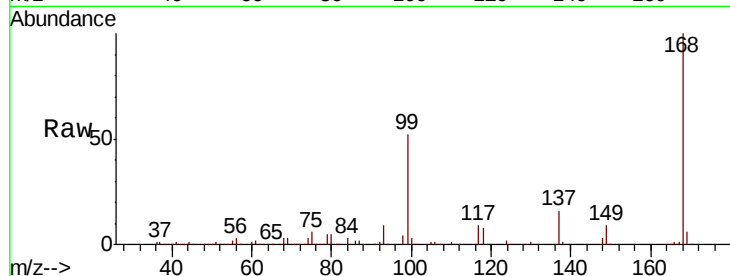
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 308750

Ion Ratio Lower Upper

168 100

99 51.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

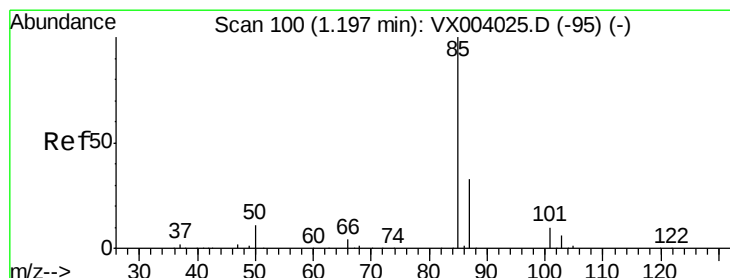
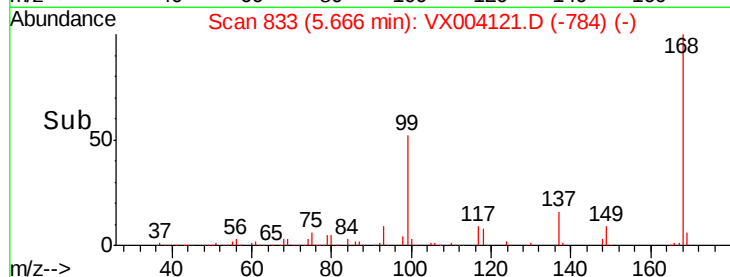
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004121.D

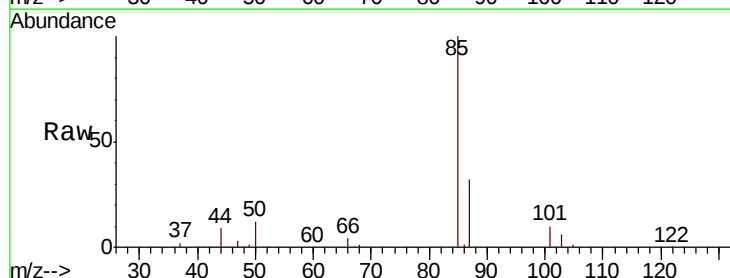
Acq: 17 Aug 2018 08:27

Tgt Ion: 85 Resp: 153605

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

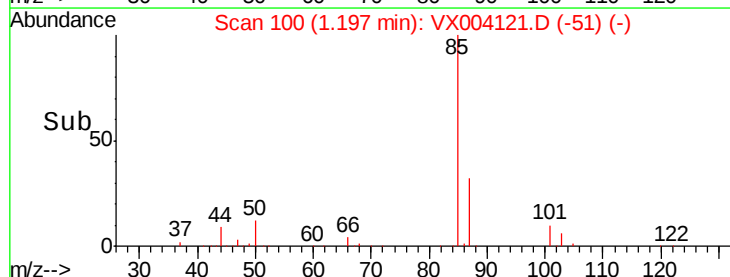
150000

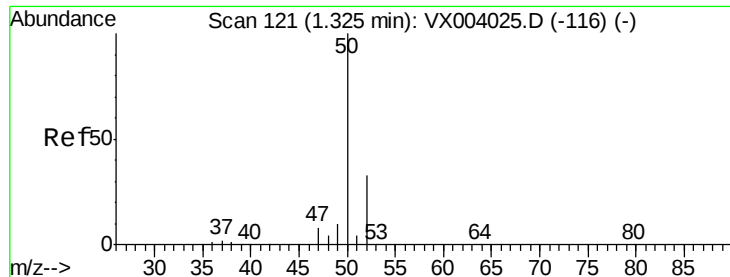
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 59.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

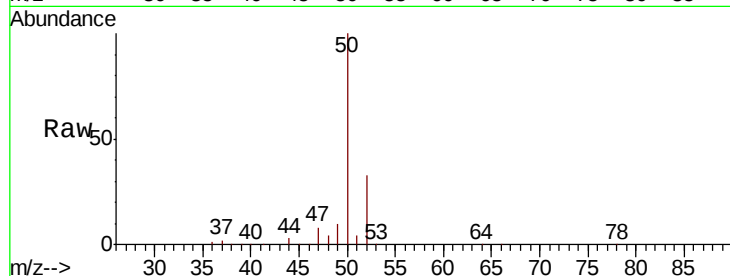
ClientSampleId :

Tot Ion: 50 Resp: 218010

Ion Ratio Lower Upper

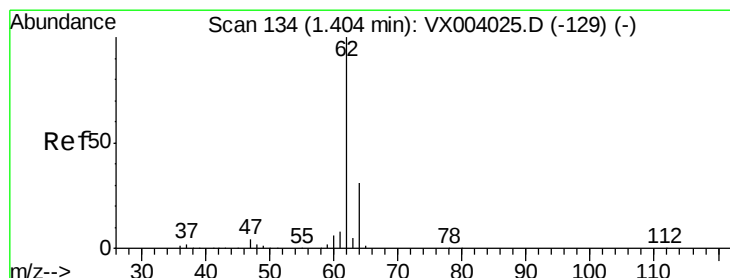
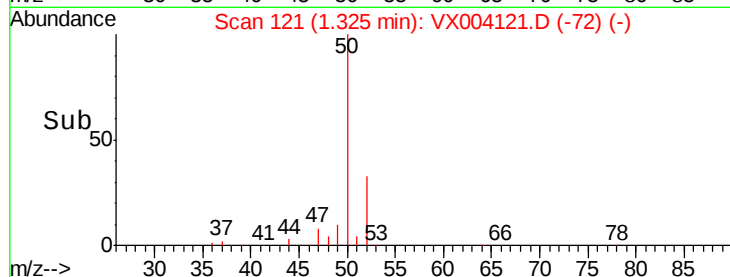
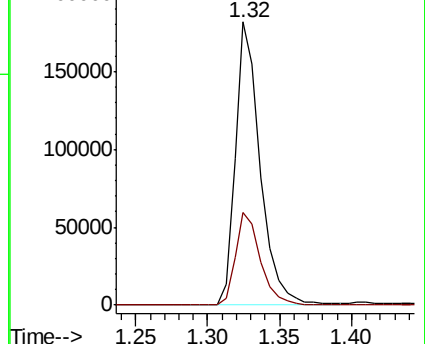
50 100

52 32.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.51 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX004121.D

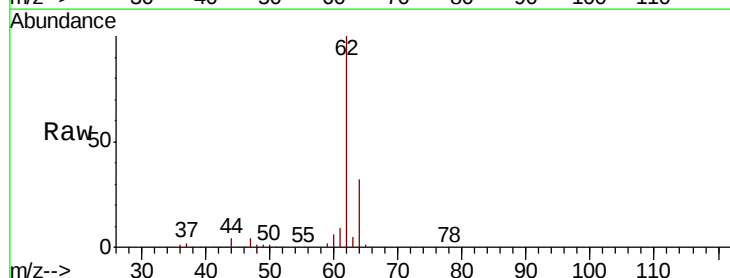
Acq: 17 Aug 2018 08:27

Tgt Ion: 62 Resp: 189586

Ion Ratio Lower Upper

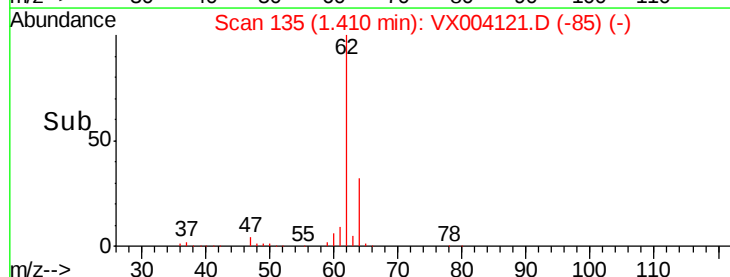
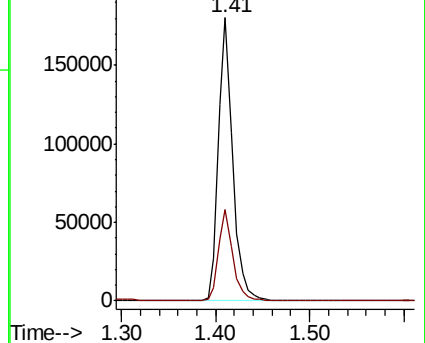
62 100

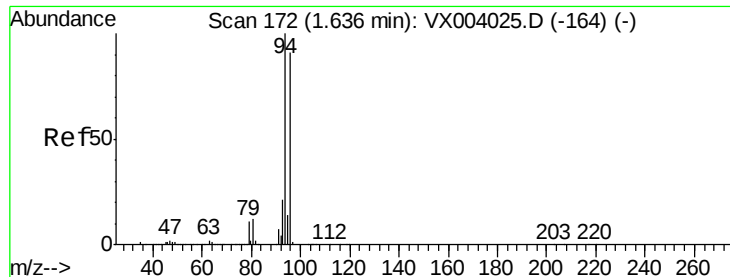
64 31.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.89 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

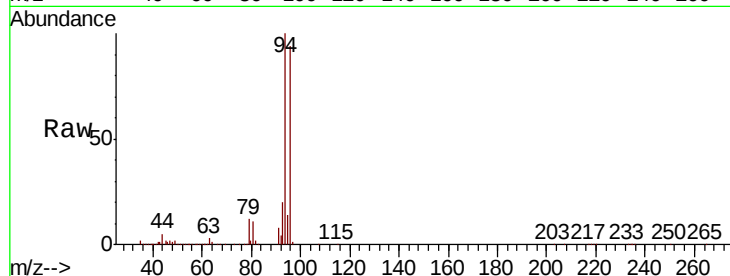
ClientSampleId :

Tot Ion: 94 Resp: 88792

Ion Ratio Lower Upper

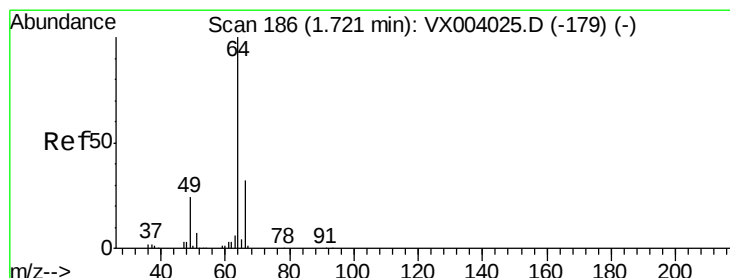
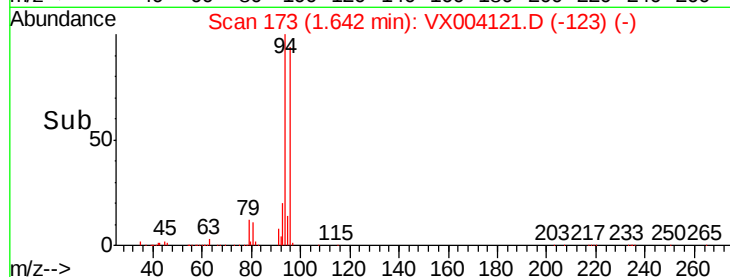
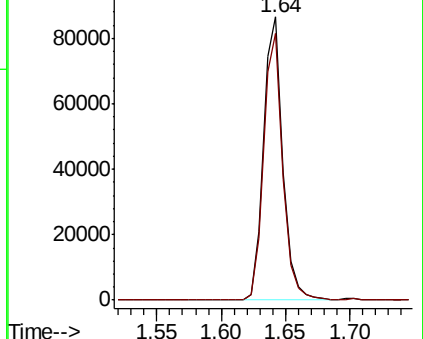
94 100

96 94.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.78 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004121.D

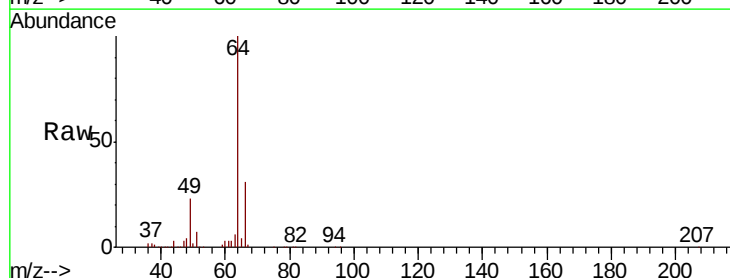
Acq: 17 Aug 2018 08:27

Tgt Ion: 64 Resp: 133223

Ion Ratio Lower Upper

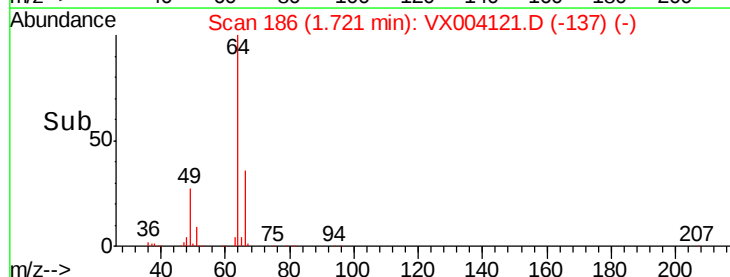
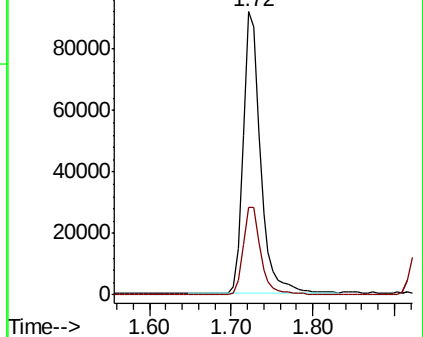
64 100

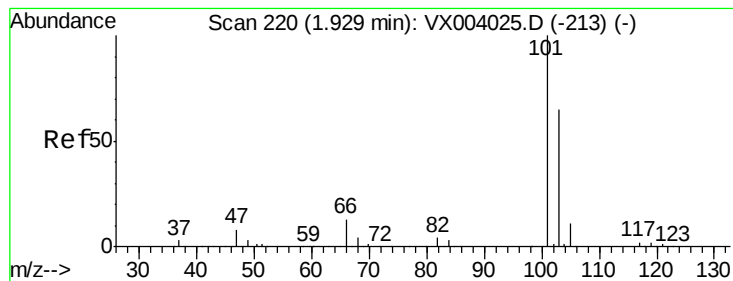
66 30.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



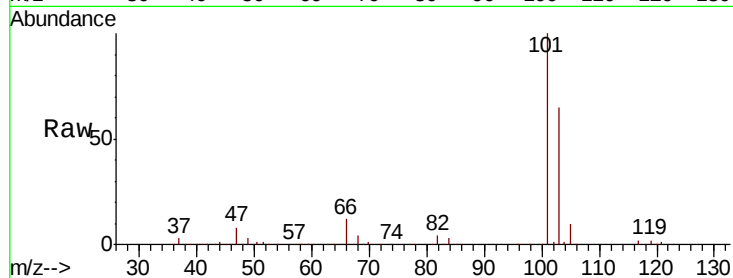


#7

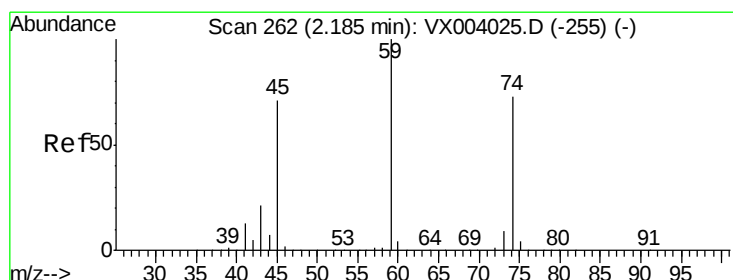
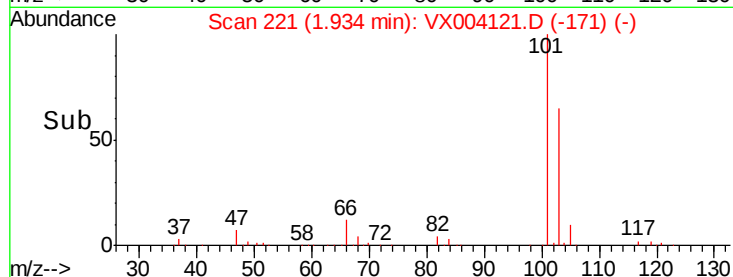
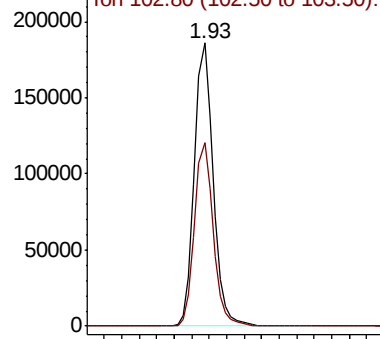
Trichlorofluoromethane
Concen: 49.33 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 276173
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5



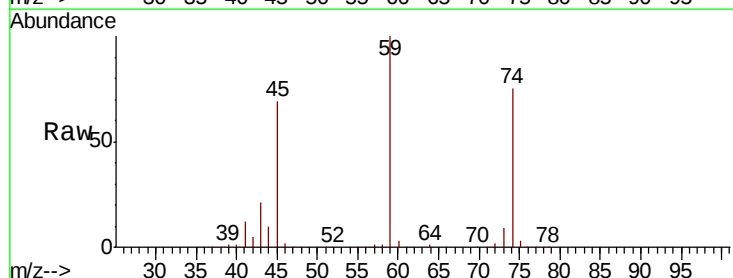
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



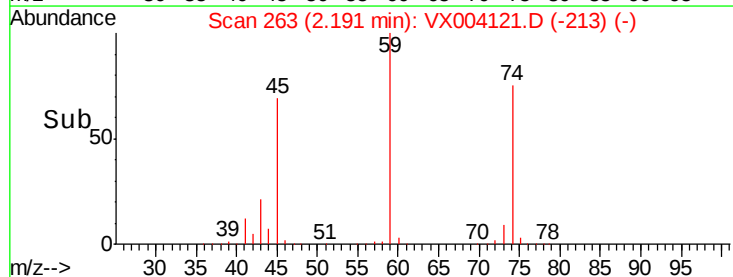
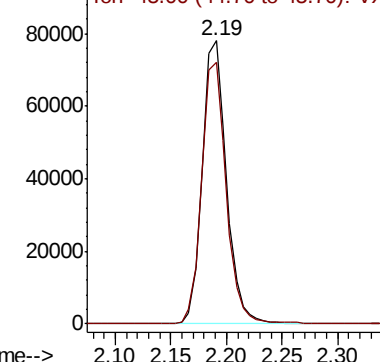
#8

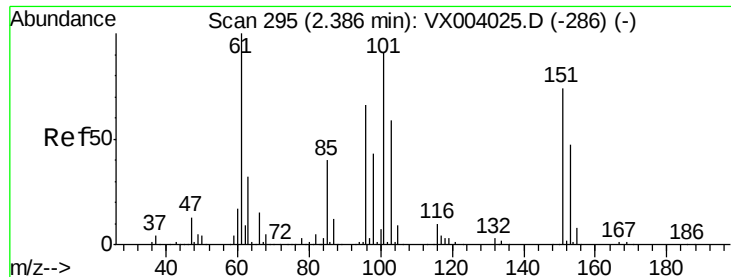
Diethyl Ether
Concen: 47.91 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.01 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion: 74 Resp: 117078
Ion Ratio Lower Upper
74 100
45 93.9 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.97 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampled :

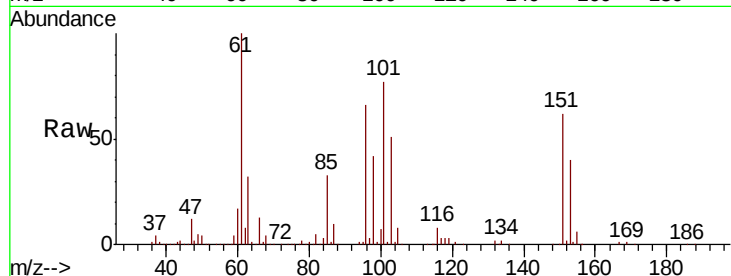
Tot Ion:101 Resp: 174503

Ion Ratio Lower Upper

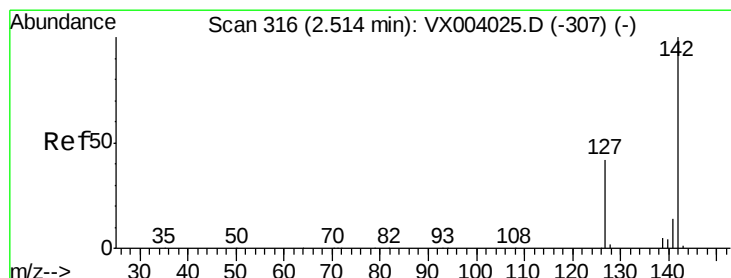
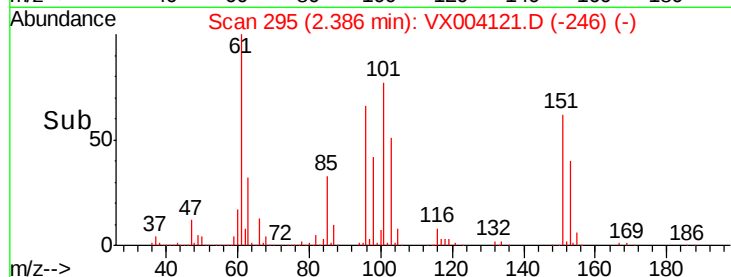
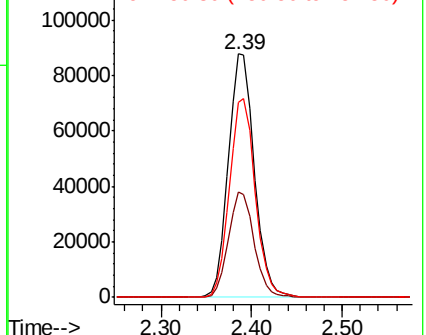
101 100

85 42.9 34.2 51.4

151 81.3 65.0 97.4



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: 34.29 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

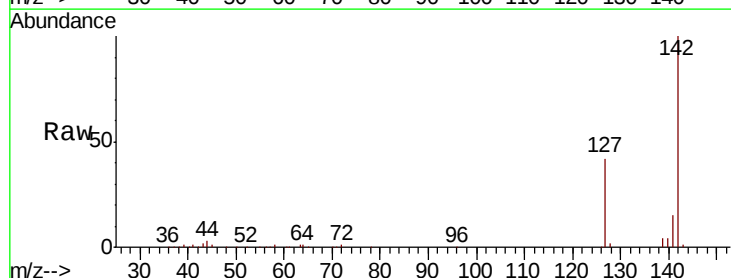
Tgt Ion:142 Resp: 121374

Ion Ratio Lower Upper

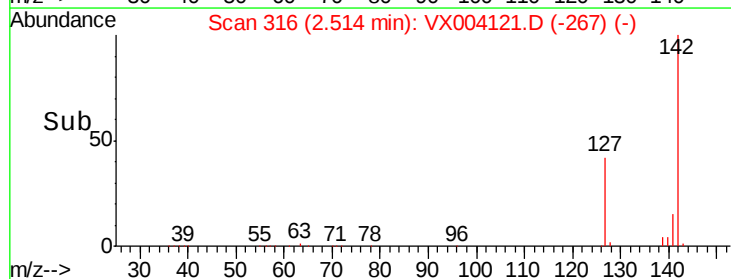
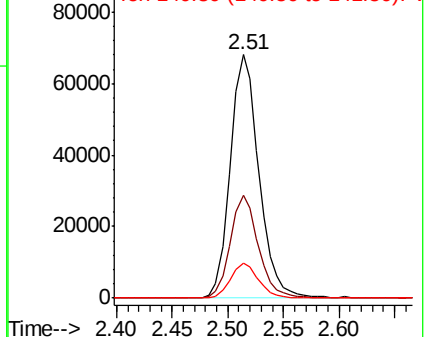
142 100

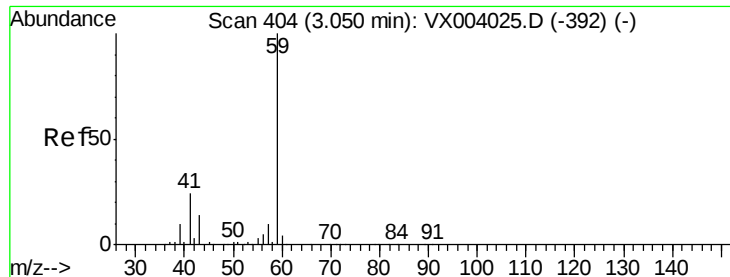
127 41.4 33.1 49.7

141 14.3 11.1 16.7



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



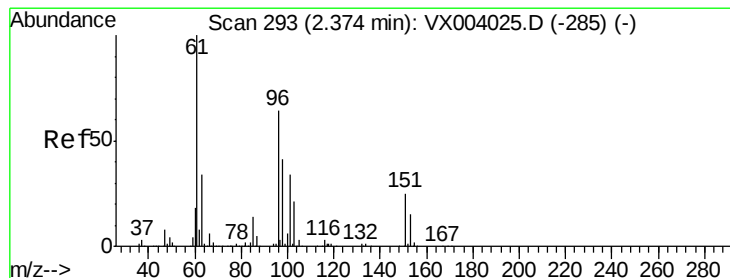
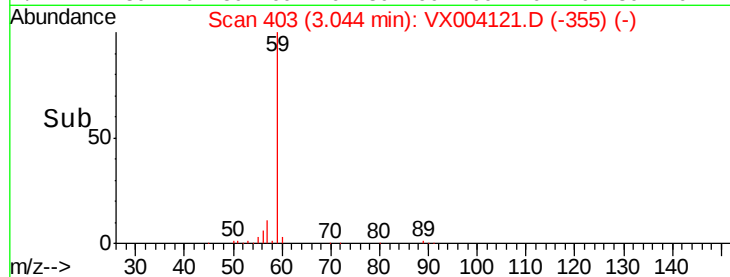
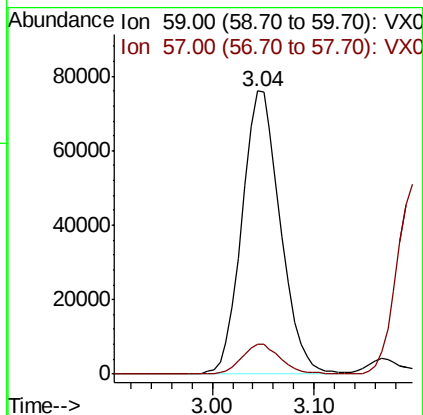
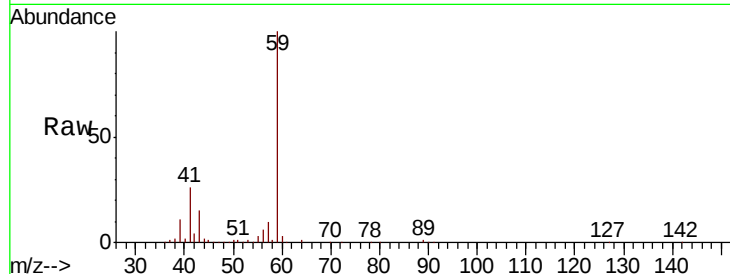


#11

Tert butyl alcohol
 Concen: 226.76 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Instrument :
 MSVOA_X
 ClientSampleId :

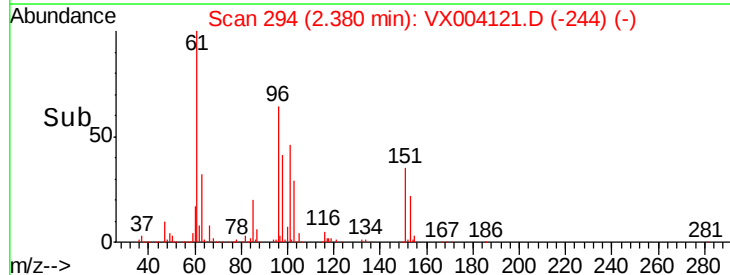
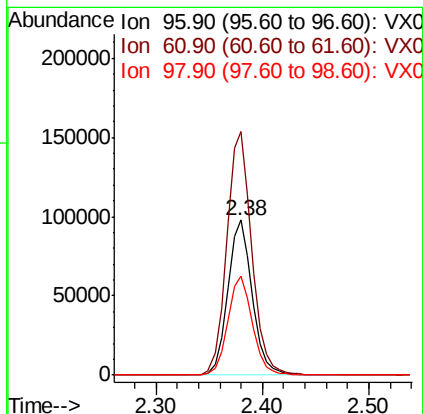
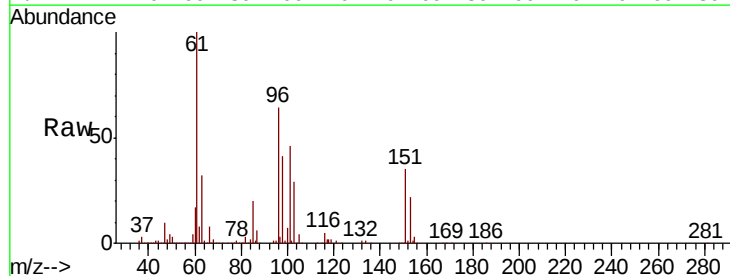
Tot Ion: 59 Resp: 198645
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.1 12.1

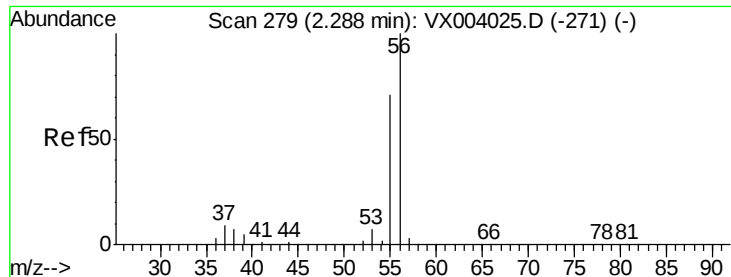


#12

1,1-Dichloroethene
 Concen: 48.41 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion: 96 Resp: 157242
 Ion Ratio Lower Upper
 96 100
 61 157.2 131.3 196.9
 98 64.1 51.8 77.6





#13

Acrolein

Concen: 161.04 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

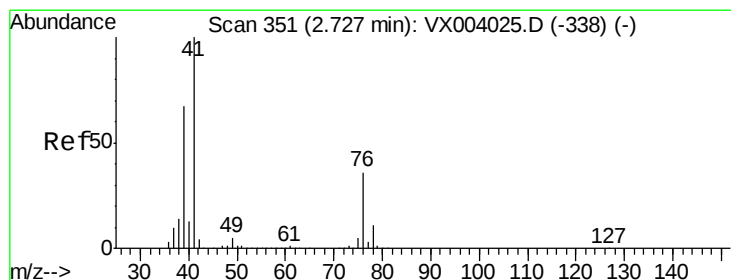
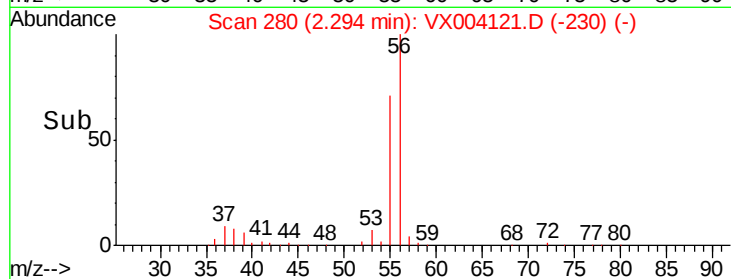
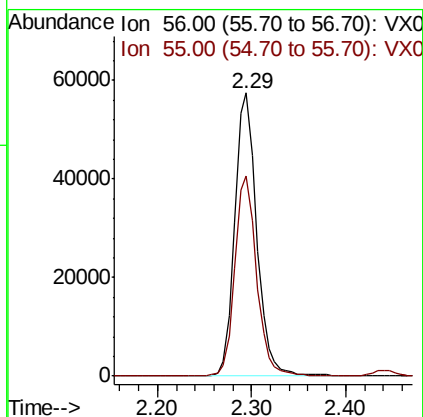
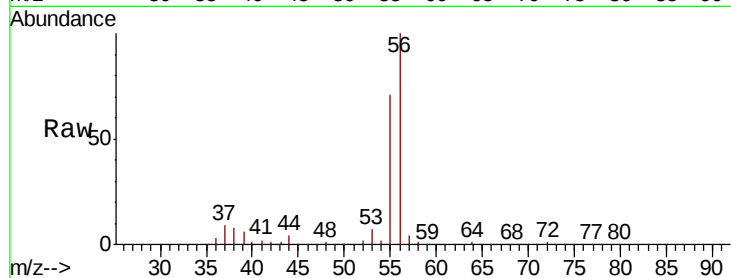
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 93292

Ion Ratio Lower Upper

56 100

55 70.5 56.1 84.1



#14

Allyl chloride

Concen: 47.12 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

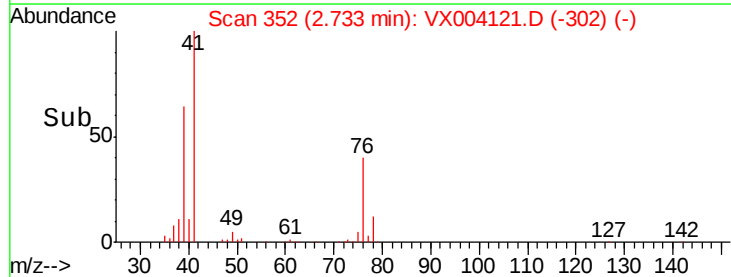
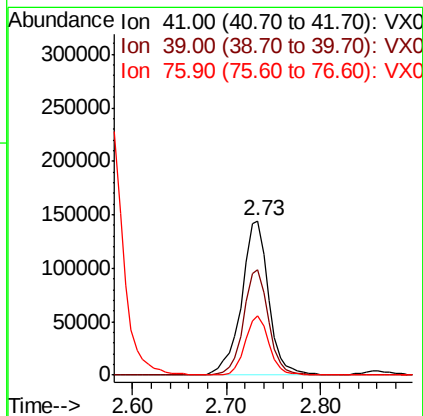
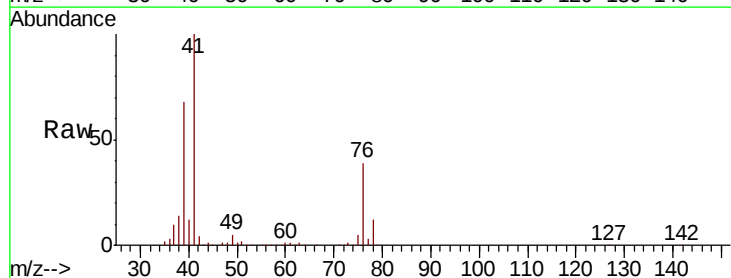
Tgt Ion: 41 Resp: 291183

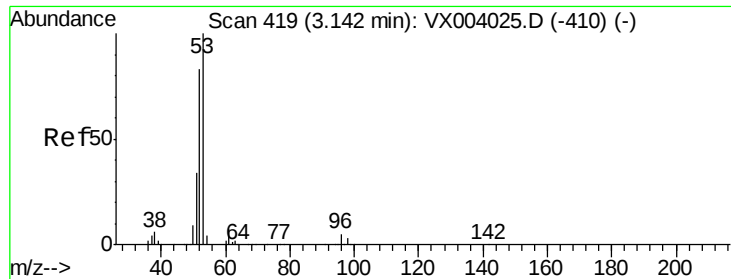
Ion Ratio Lower Upper

41 100

39 63.1 47.4 71.0

76 34.1 26.0 39.0





#15

Acrylonitrile

Concen: 232.06 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

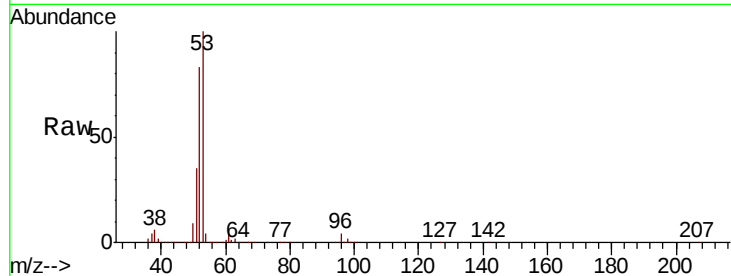
Tot Ion: 53 Resp: 506862

Ion Ratio Lower Upper

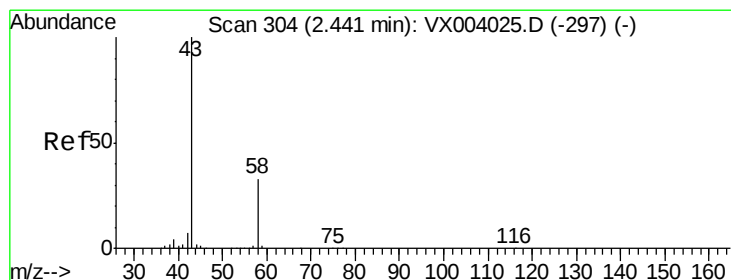
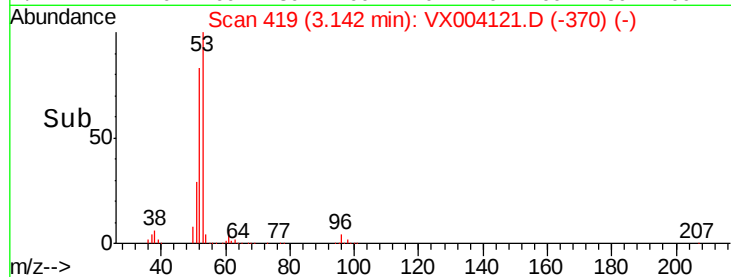
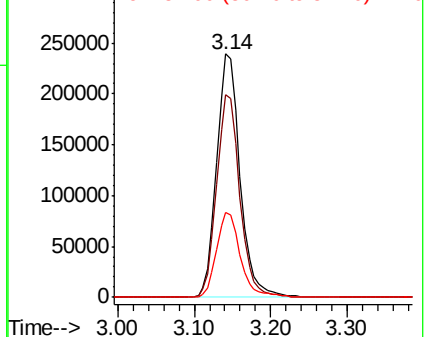
53 100

52 82.7 65.3 97.9

51 35.4 27.9 41.9



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: 256.99 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004121.D

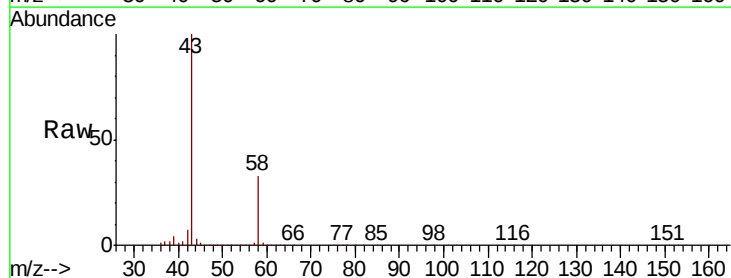
Acq: 17 Aug 2018 08:27

Tgt Ion: 43 Resp: 581252

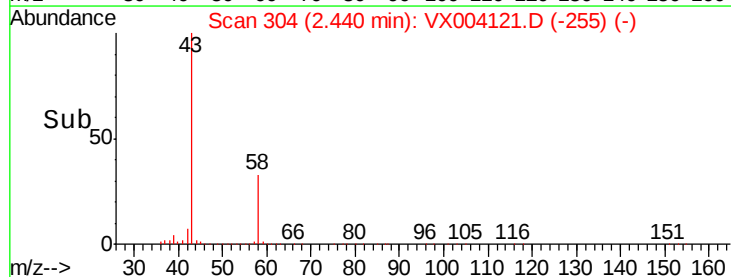
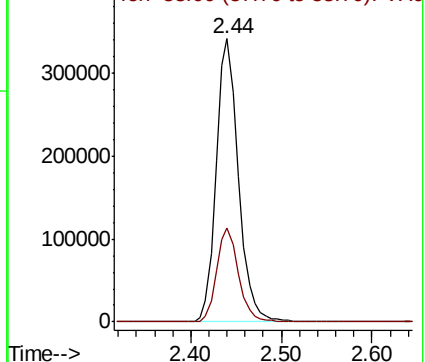
Ion Ratio Lower Upper

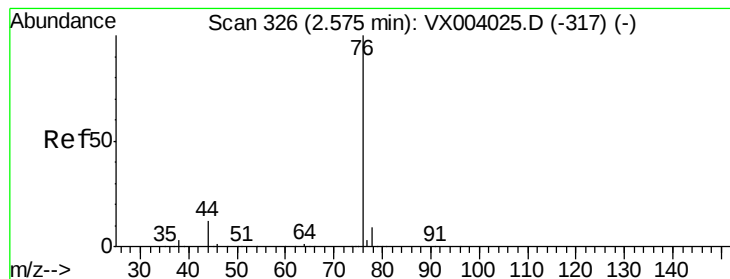
43 100

58 33.0 26.4 39.6



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





#17

Carbon Disulfide

Concen: 48.02 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

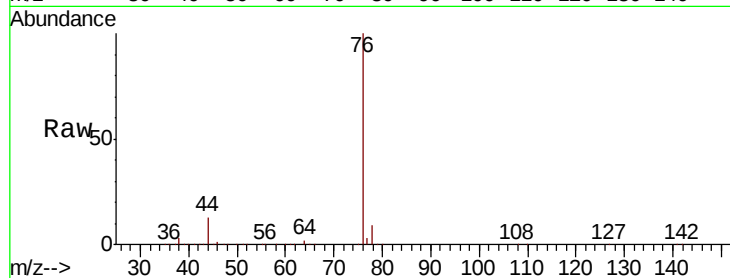
ClientSampled :

Tot Ion: 76 Resp: 442403

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

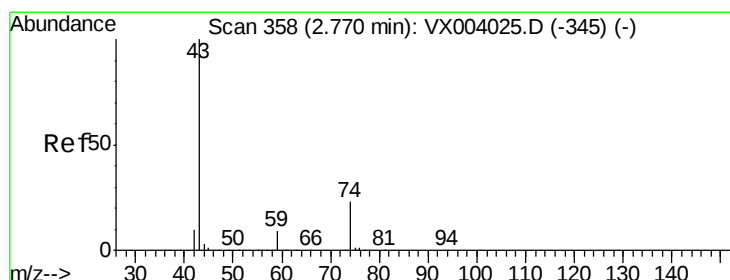
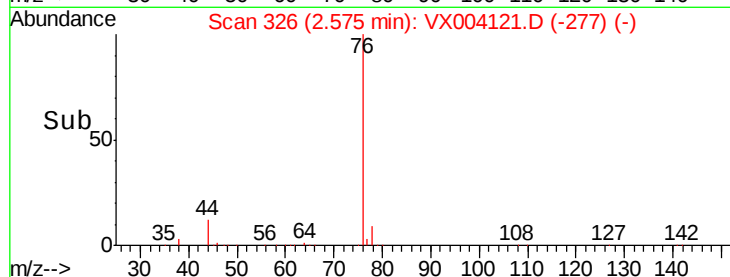
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.31 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004121.D

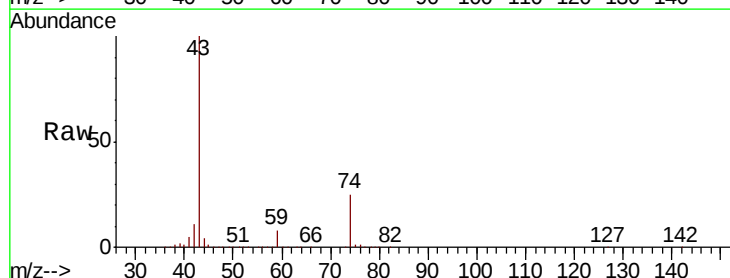
Acq: 17 Aug 2018 08:27

Tgt Ion: 43 Resp: 247830

Ion Ratio Lower Upper

43 100

74 24.7 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

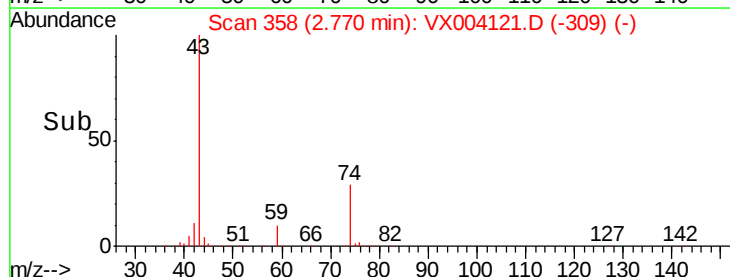
150000

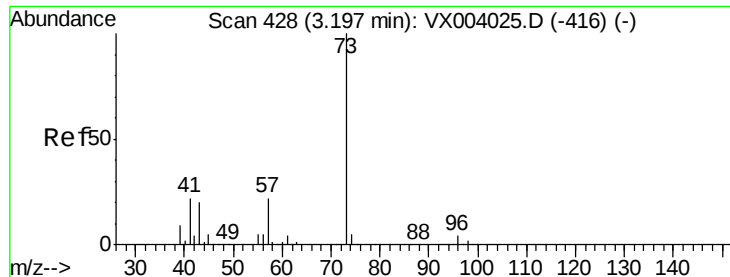
100000

50000

0

Time-->

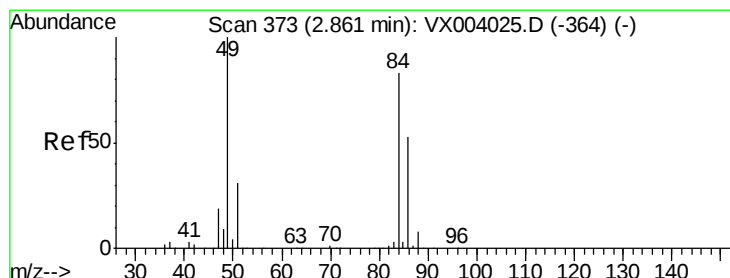
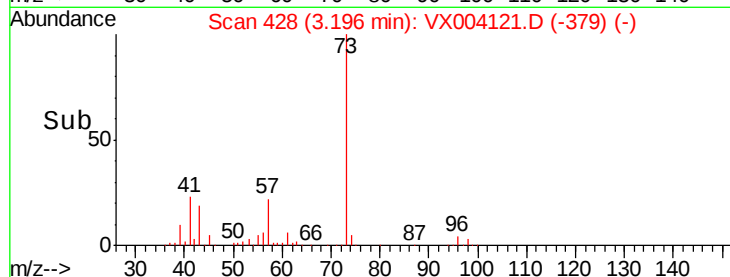
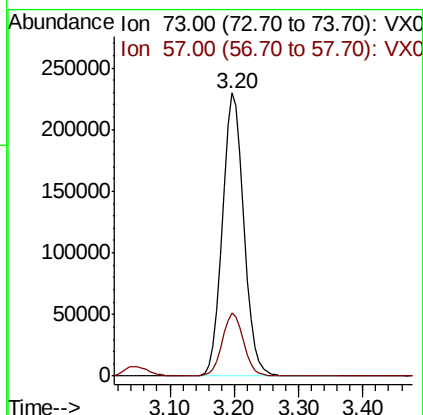
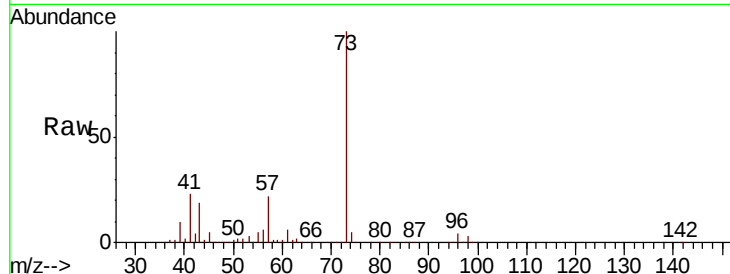




#19
Methvl tert-butvl Ether
Concen: 47.30 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

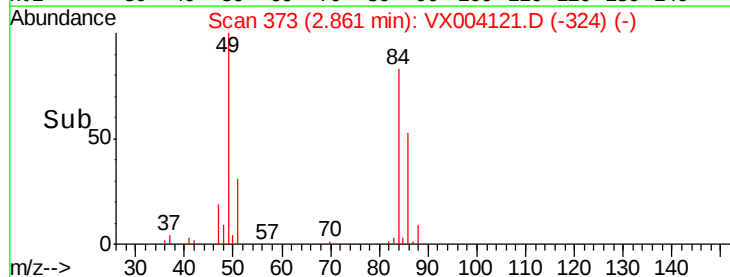
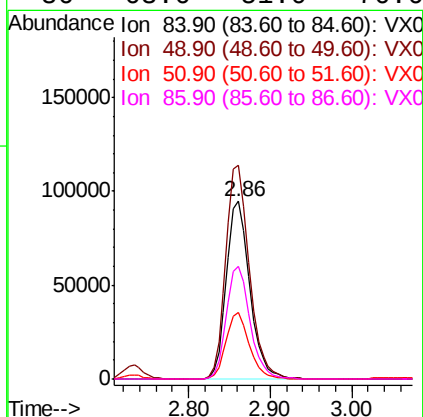
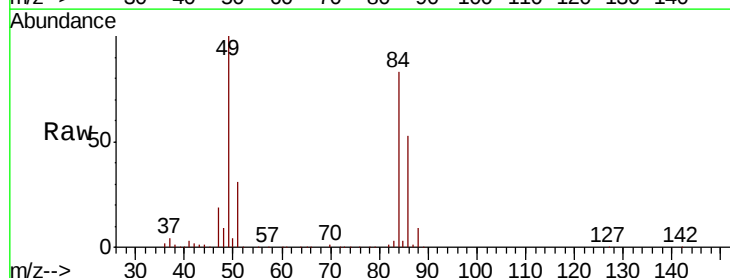
Instrument :
MSVOA_X
ClientSampled :

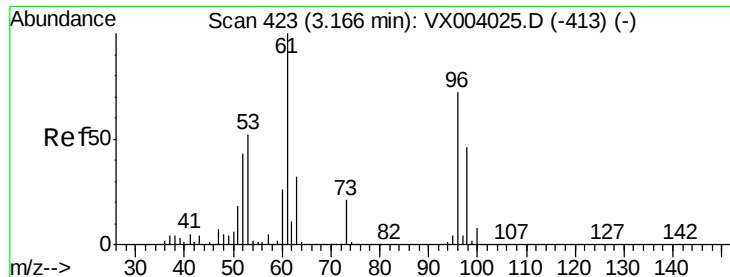
Tot Ion: 73 Resp: 541230
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 50.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion: 84 Resp: 188114
Ion Ratio Lower Upper
84 100
49 120.1 98.9 148.3
51 37.1 29.9 44.9
86 63.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.50 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :
MSVOA_X
ClientSampleId :

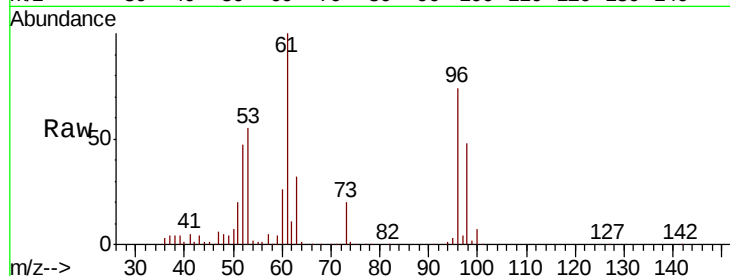
Tot Ion: 96 Resp: 175221

Ion Ratio Lower Upper

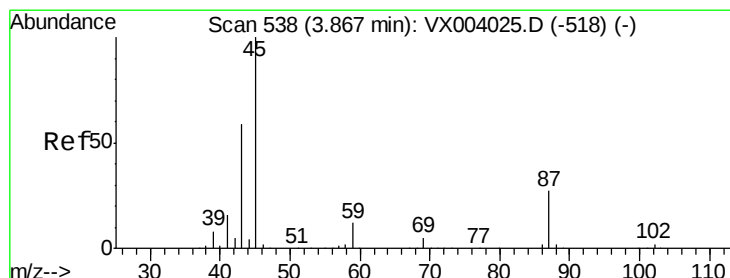
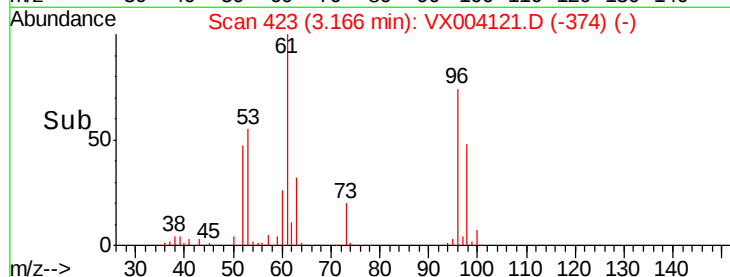
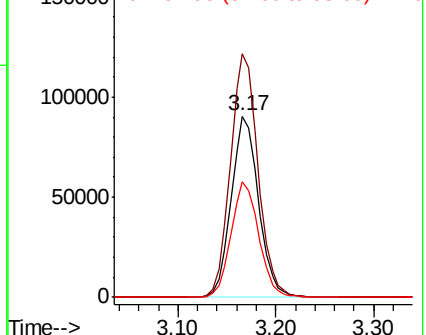
96 100

61 134.3 111.8 167.6

98 63.9 51.8 77.6



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: 46.47 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Tgt Ion: 45 Resp: 562806

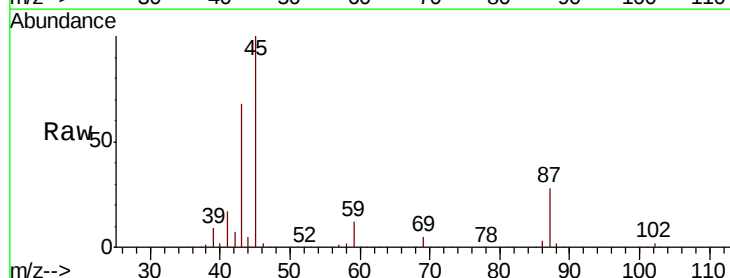
Ion Ratio Lower Upper

45 100

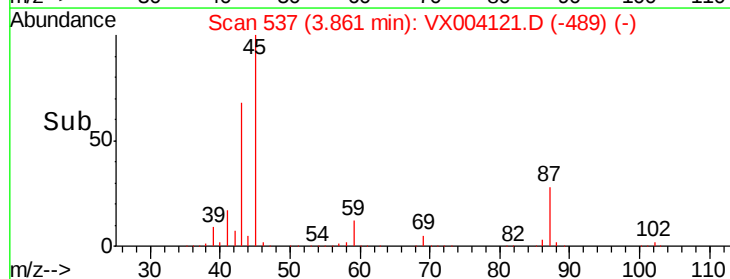
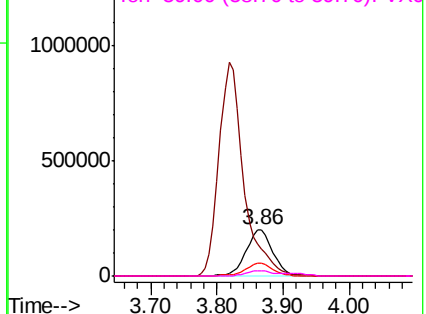
43 68.3 45.3 67.9#

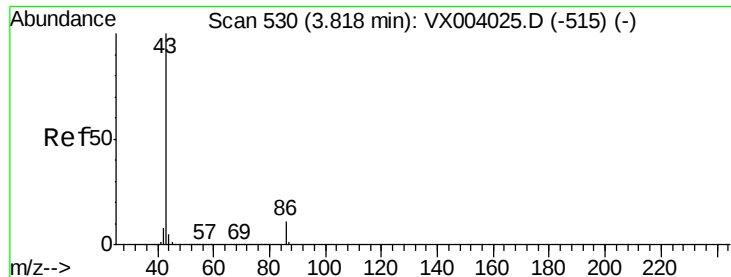
87 27.7 22.7 34.1

59 12.1 9.6 14.4



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: 244.16 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

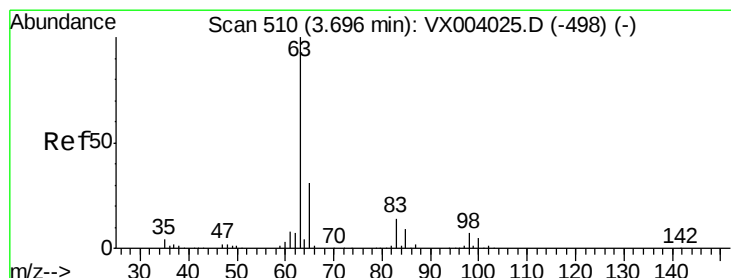
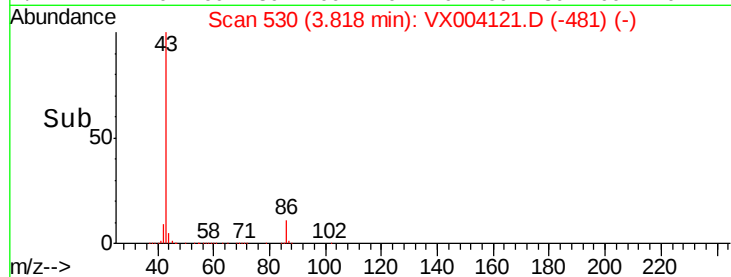
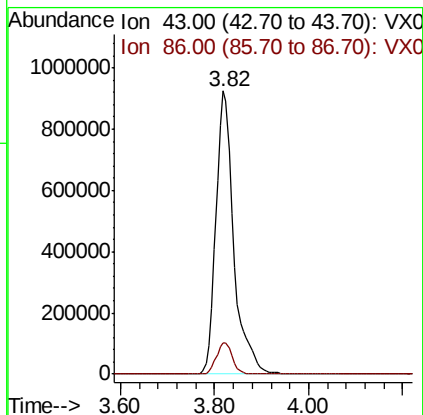
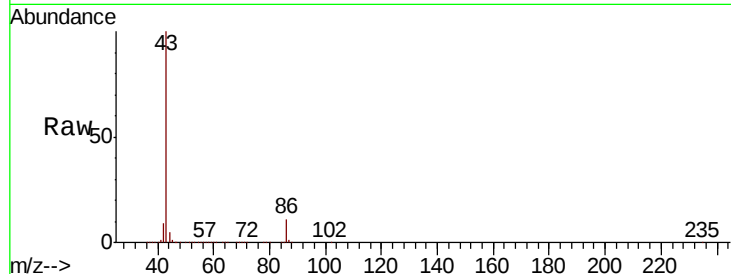
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2428537

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



#24

1,1-Dichloroethane

Concen: 50.90 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

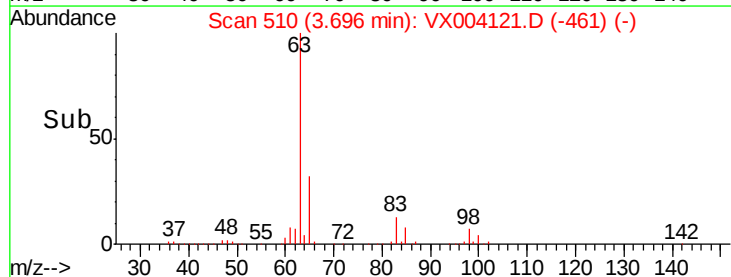
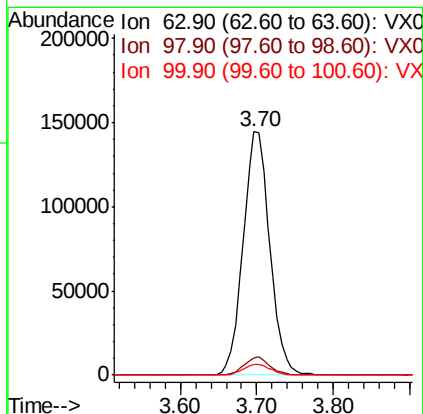
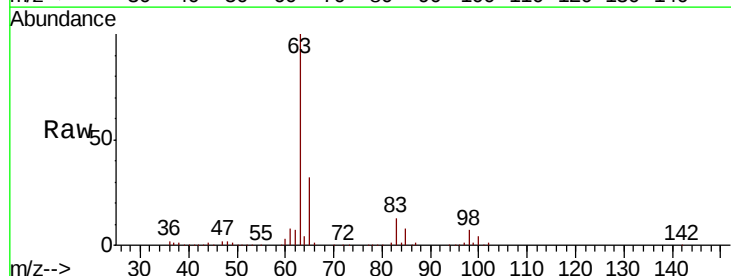
Tgt Ion: 63 Resp: 349164

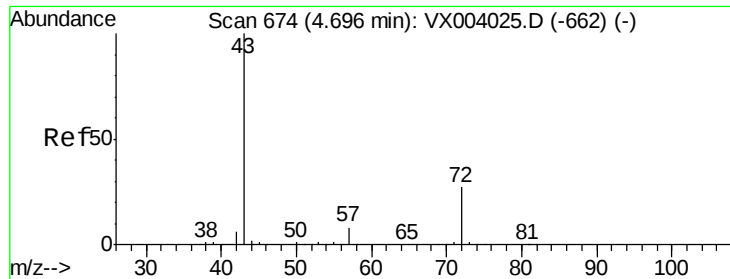
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 236.95 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

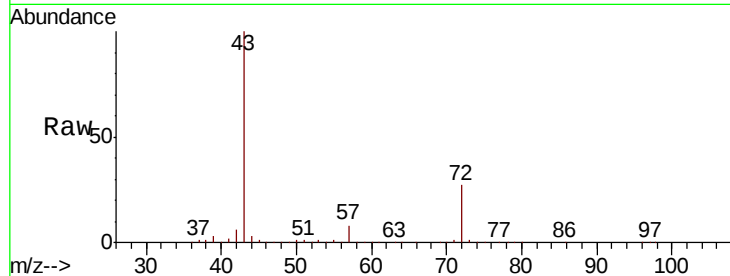
ClientSampleId :

Tot Ion: 43 Resp: 871962

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

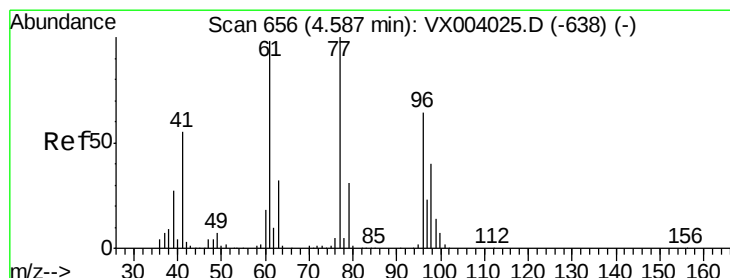
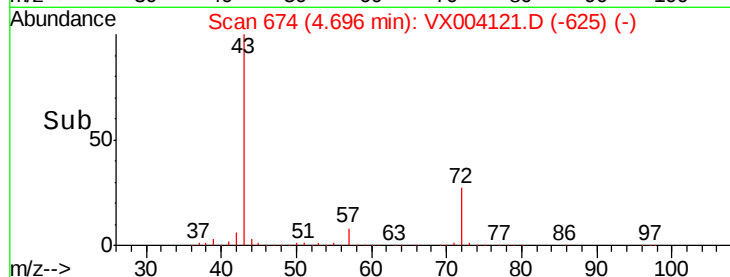
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.18 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004121.D

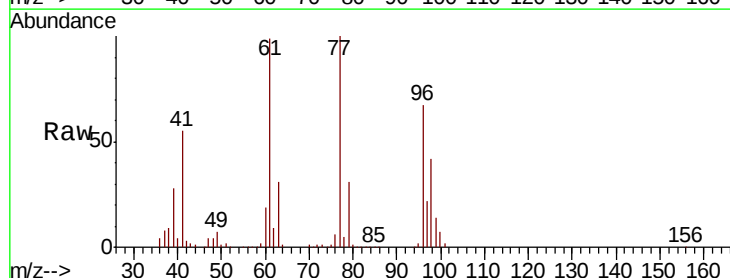
Acq: 17 Aug 2018 08:27

Tgt Ion: 77 Resp: 262751

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

100000

80000

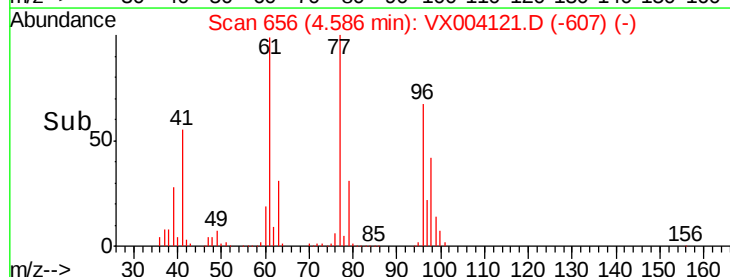
60000

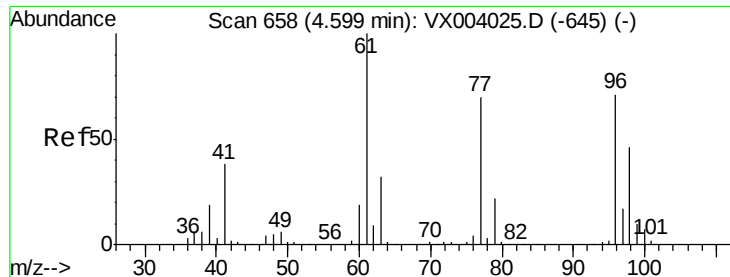
40000

20000

0

Time-->



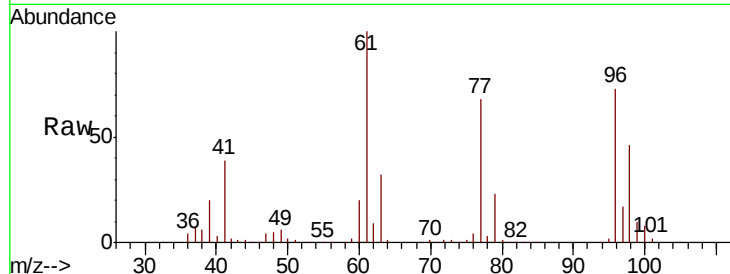


#27

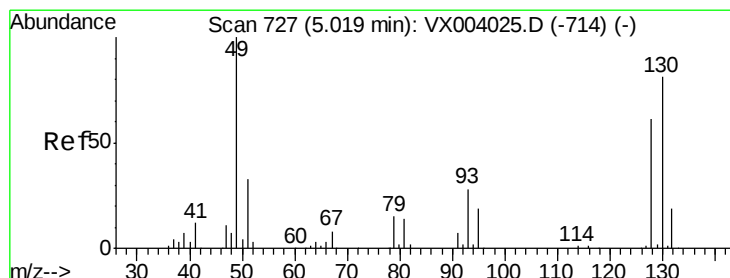
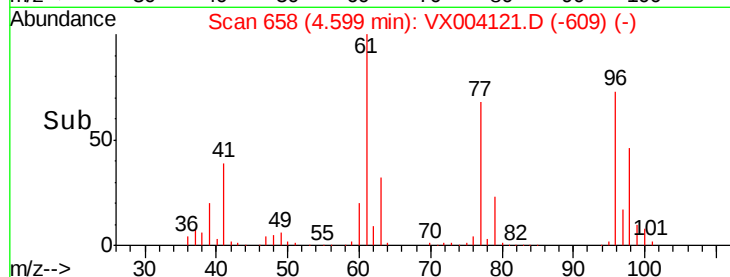
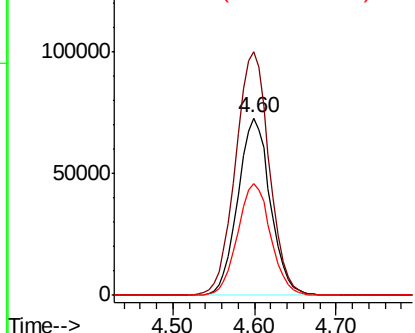
cis-1,2-Dichloroethene
Concen: 48.37 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	293.0
98	64.3	0.0	131.8



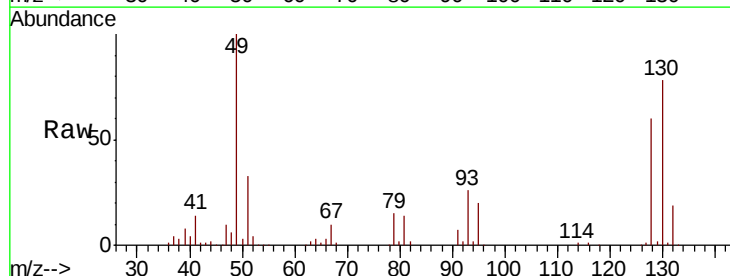
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



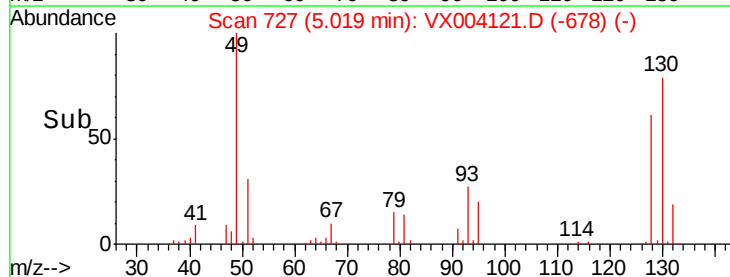
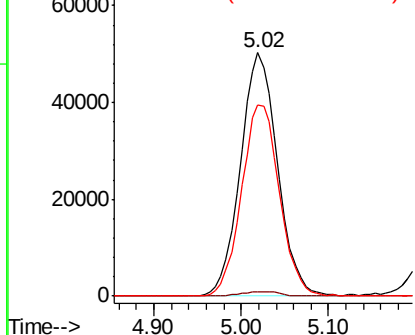
#28

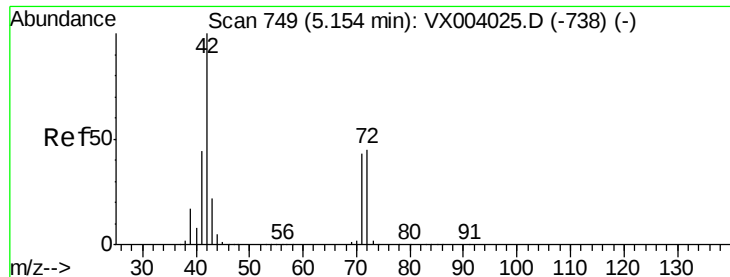
Bromochloromethane
Concen: 46.98 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	80.3	66.5	99.7



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

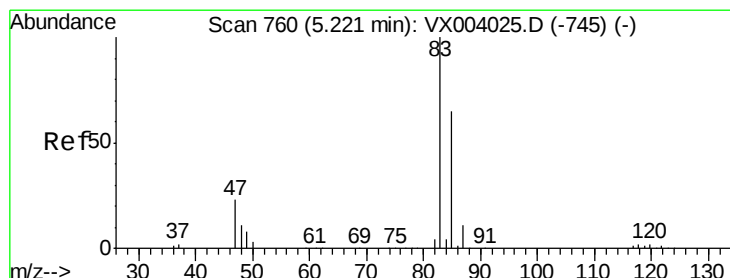
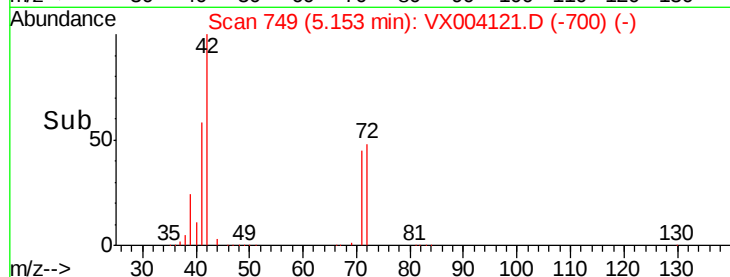
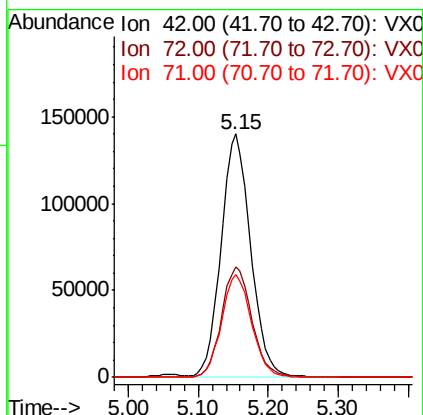
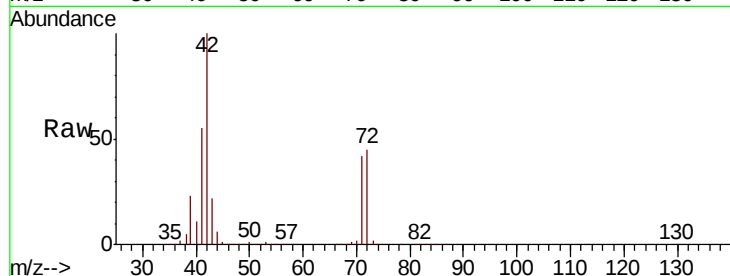




#29
Tetrahydrofuran
Concen: 218.01 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

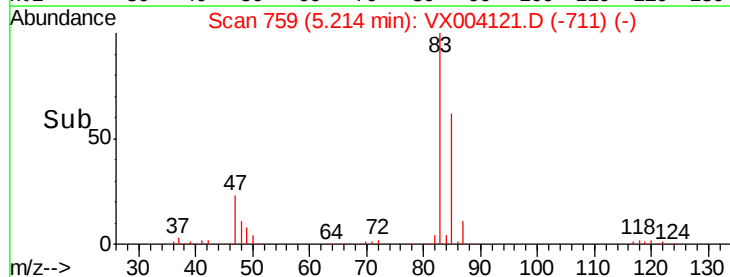
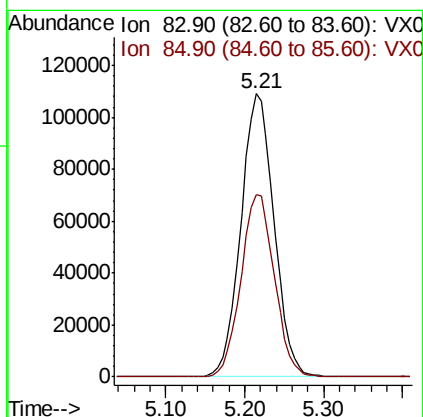
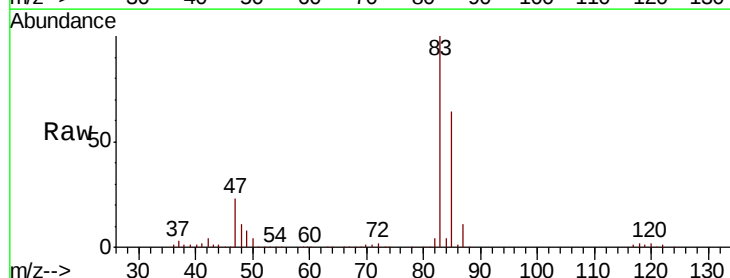
Instrument :
MSVOA_X
ClientSampleId :

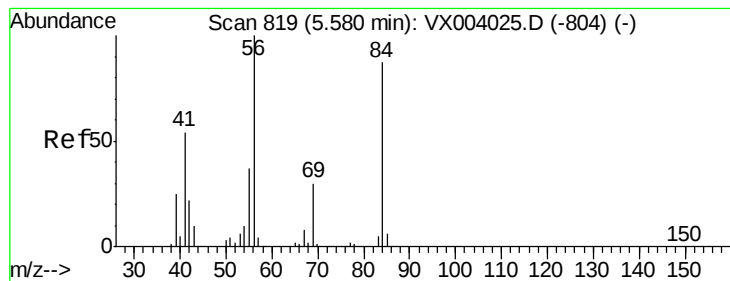
Tot Ion: 42 Resp: 409893
Ion Ratio Lower Upper
42 100
72 46.6 37.7 56.5
71 43.1 35.0 52.6



#30
Chloroform
Concen: 47.65 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion: 83 Resp: 319021
Ion Ratio Lower Upper
83 100
85 64.4 50.7 76.1





#31

Cyclohexane

Concen: 46.36 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

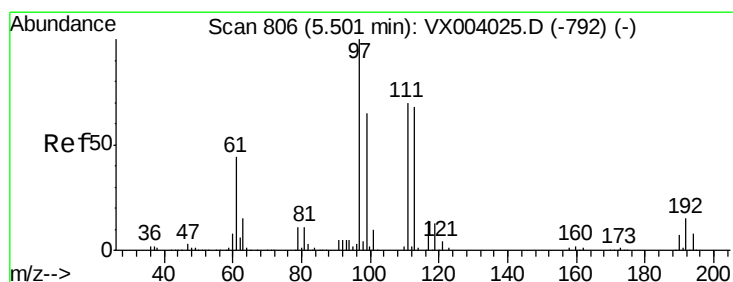
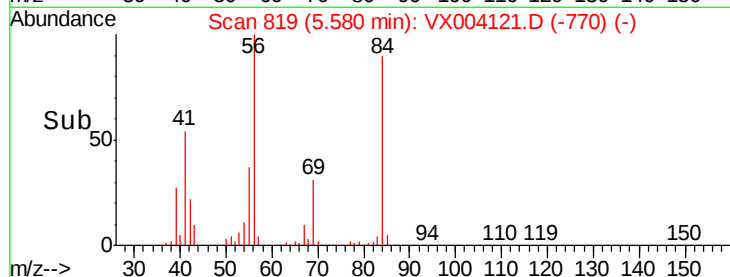
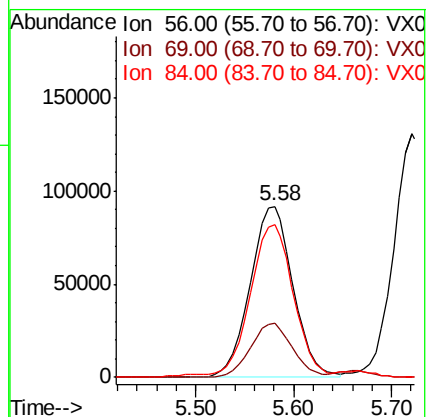
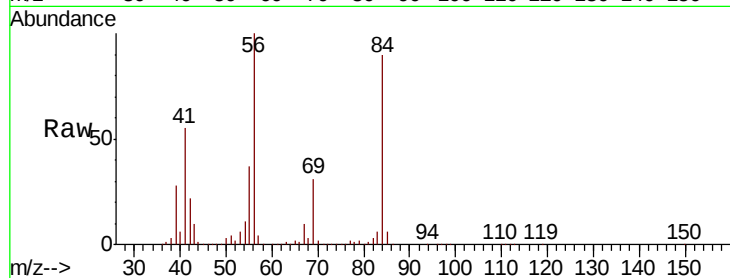
Tot Ion: 56 Resp: 278762

Ion Ratio Lower Upper

56 100

69 31.4 24.9 37.3

84 88.1 71.7 107.5



#32

1,1,1-Trichloroethane

Concen: 48.97 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

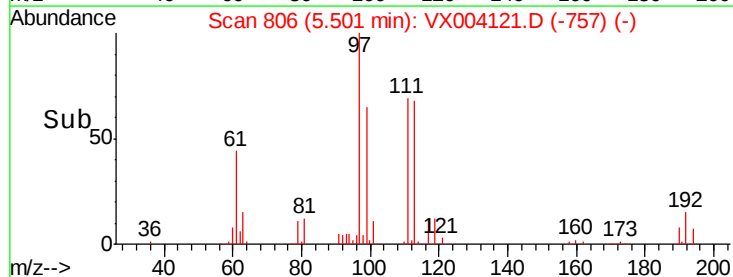
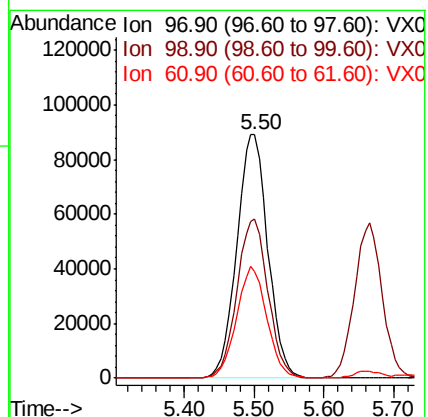
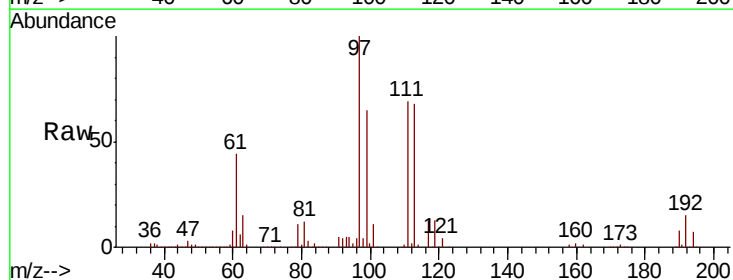
Tgt Ion: 97 Resp: 273951

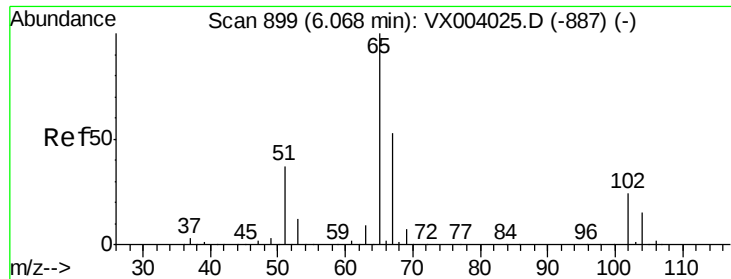
Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.8

61 44.9 34.4 51.6

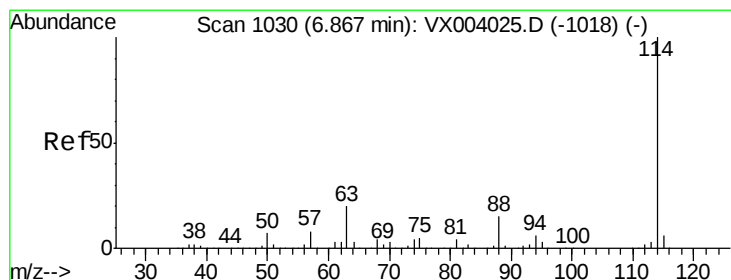
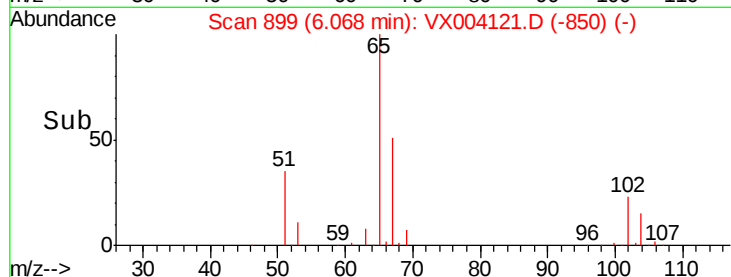
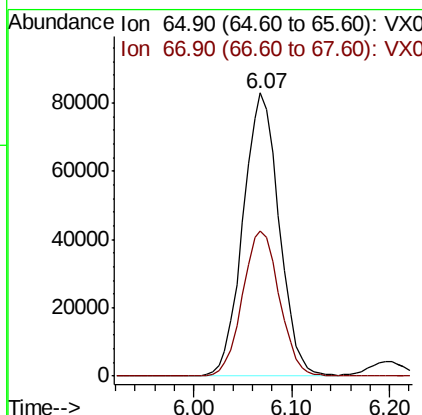
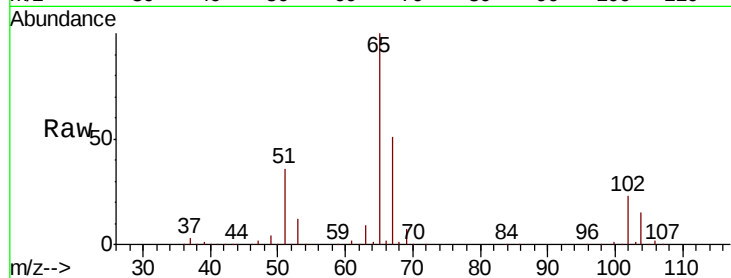




#33
 1,2-Dichloroethane-d4
 Concen: 48.73 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

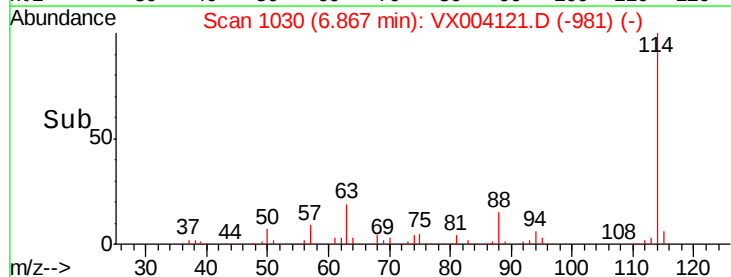
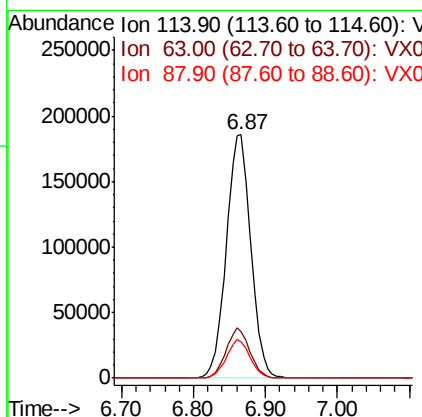
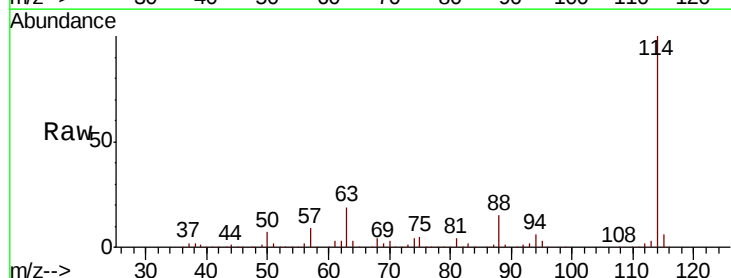
Instrument :
 MSVOA_X
 ClientSampleId :

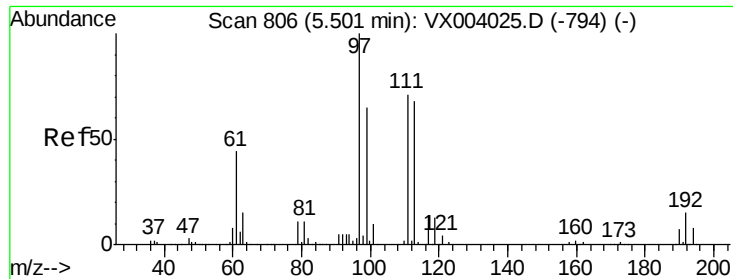
Tot Ion: 65 Resp: 211997
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion: 114 Resp: 439302
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.0 0.0 32.0

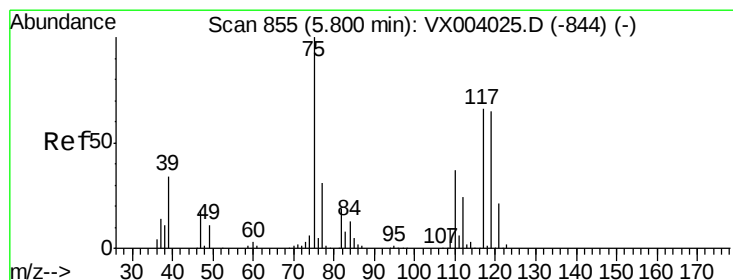
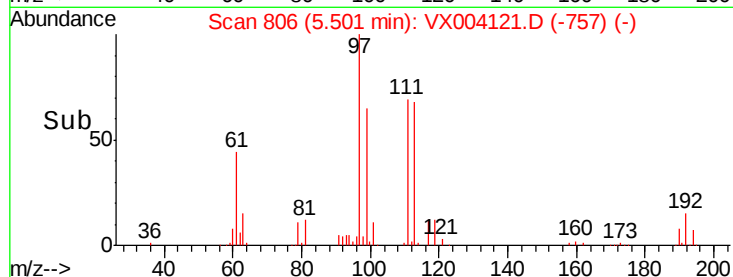
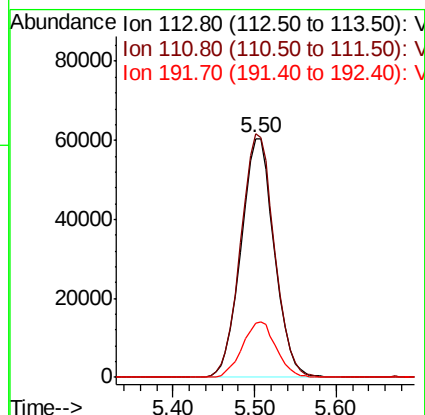
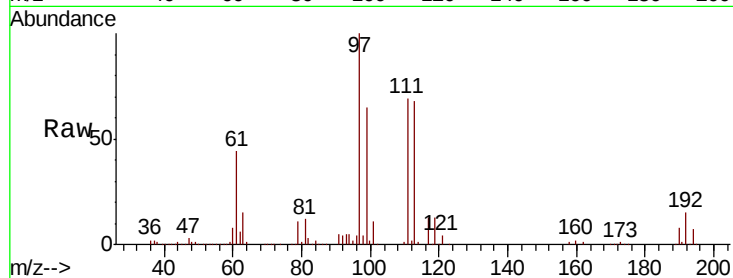




#35
Dibromofluoromethane
Concen: 52.13 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

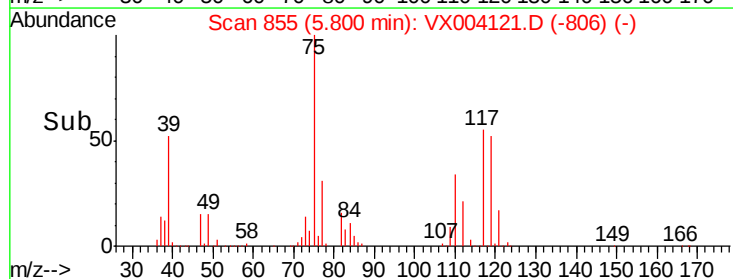
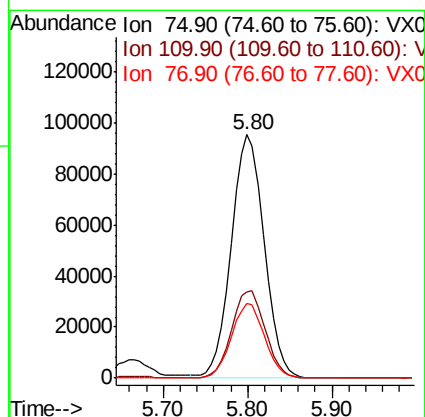
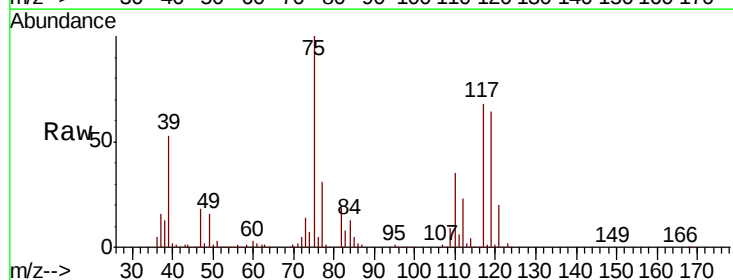
Instrument :
MSVOA_X
ClientSampleId :

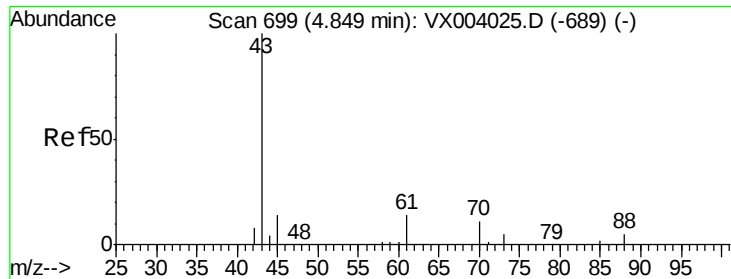
Tot Ion:113 Resp: 171392
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 23.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 50.56 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion: 75 Resp: 252733
Ion Ratio Lower Upper
75 100
110 36.6 18.2 54.6
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 46.98 ug/l

RT: 4.85 min Scan# 700

Delta R.T. 0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

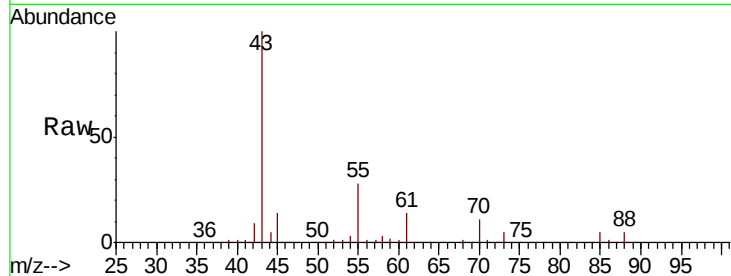
Tot Ion: 43 Resp: 255772

Ion Ratio Lower Upper

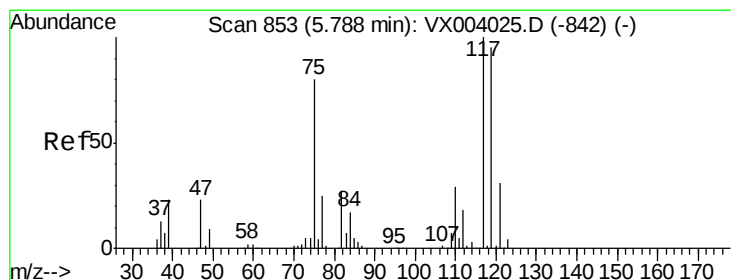
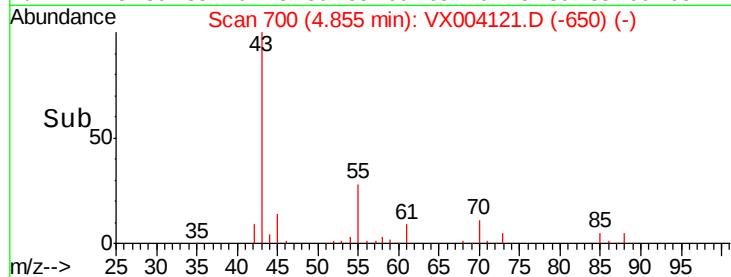
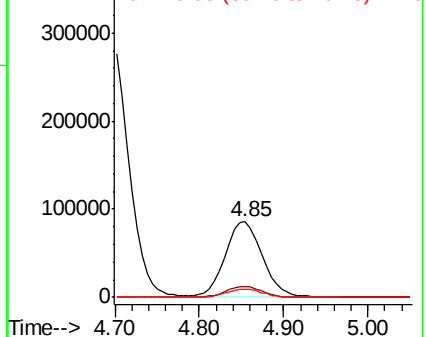
43 100

61 14.0 11.5 17.3

70 11.0 9.0 13.4



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: 52.23 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

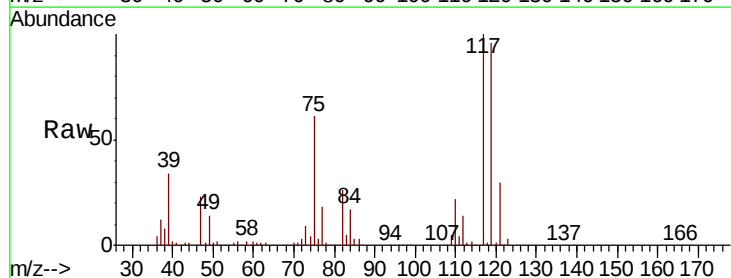
Tgt Ion: 117 Resp: 253655

Ion Ratio Lower Upper

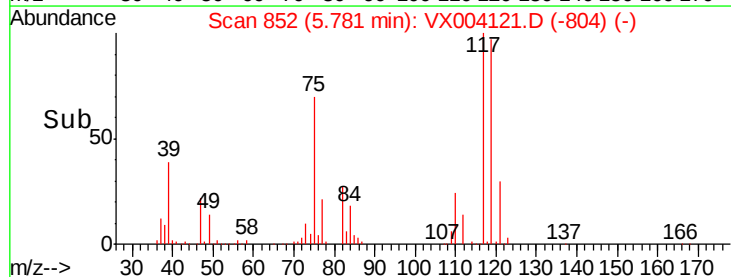
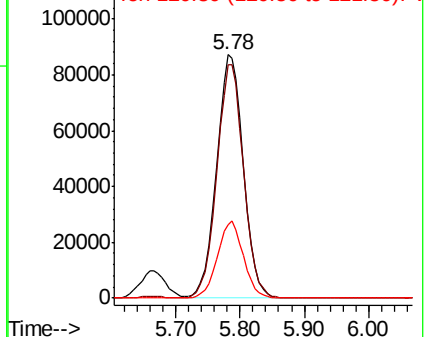
117 100

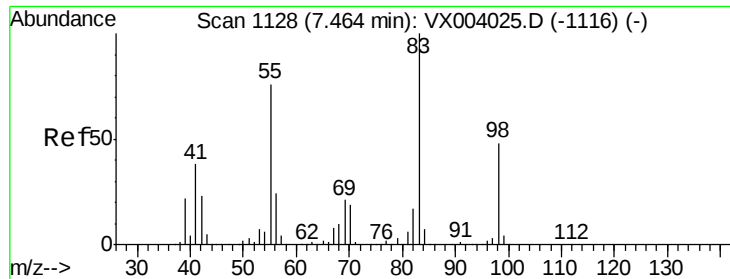
119 95.9 79.5 119.3

121 30.0 25.0 37.4



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

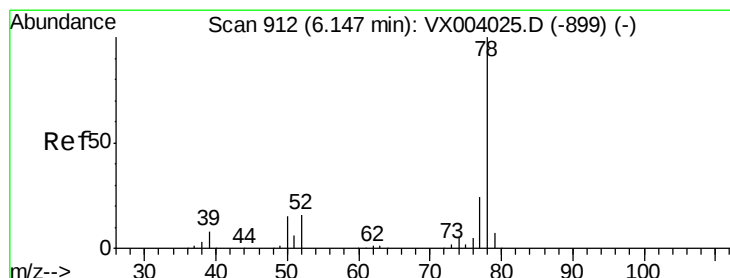
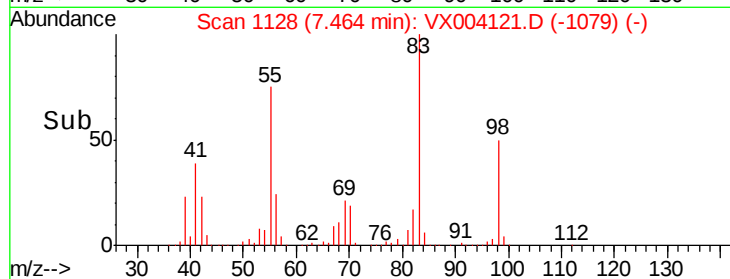
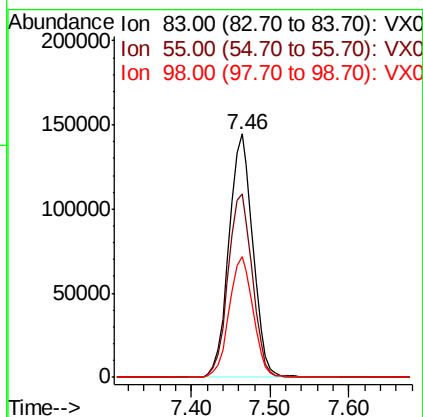
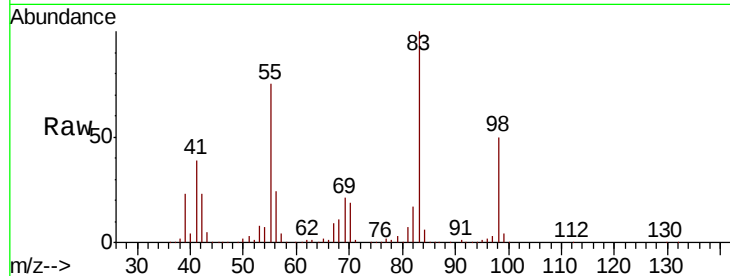




#39
Methvlcvclohexane
Concen: 53.83 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

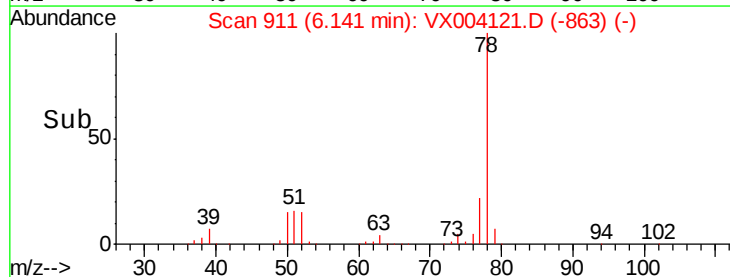
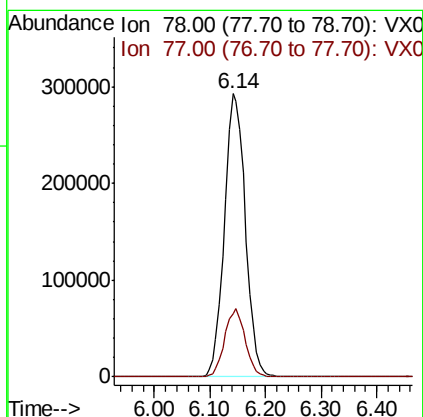
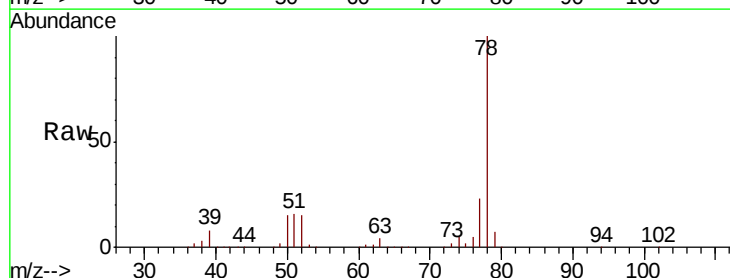
Instrument :
MSVOA_X
ClientSampleId :

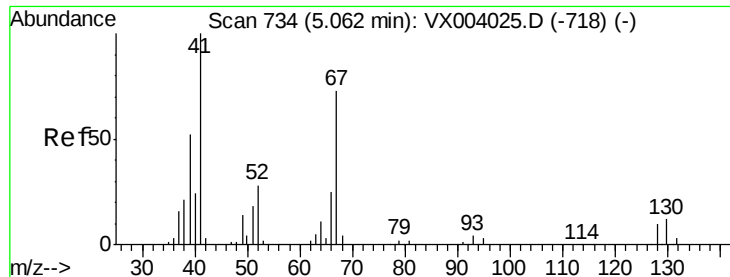
Tot Ion	83	Resp	305288
Ion Ratio	Lower	Upper	
83	100		
55	75.3	61.0	91.6
98	49.6	38.6	57.8



#40
Benzene
Concen: 50.73 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion	78	Resp	761536
Ion Ratio	Lower	Upper	
78	100		
77	22.5	19.0	28.4





#41

Methacrylonitrile

Concen: 45.90 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 139932

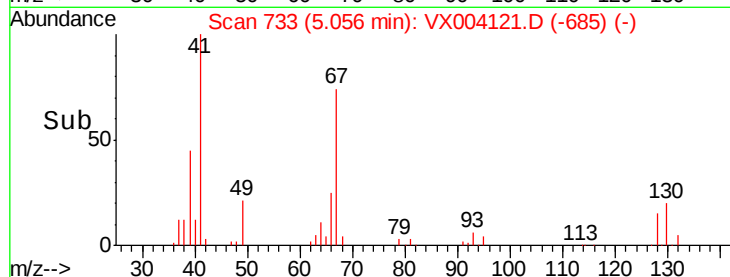
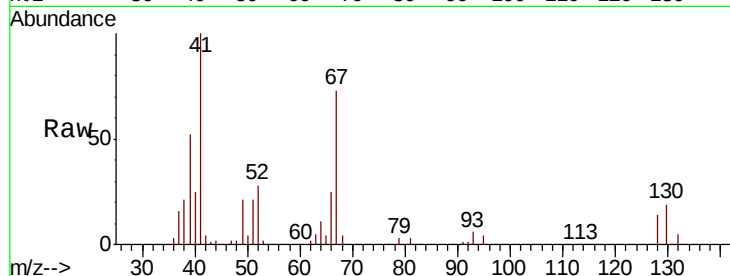
Ion Ratio Lower Upper

41 100

39 53.0 42.7 64.1

67 74.0 58.9 88.3

52 29.9 22.6 33.8

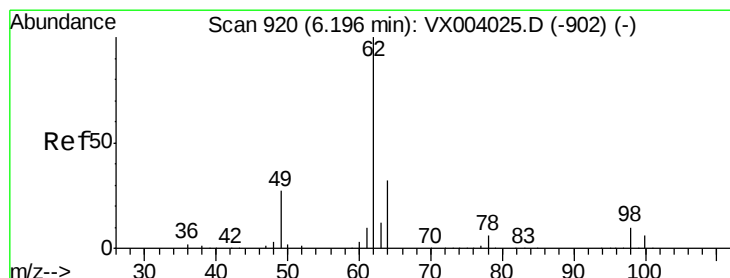
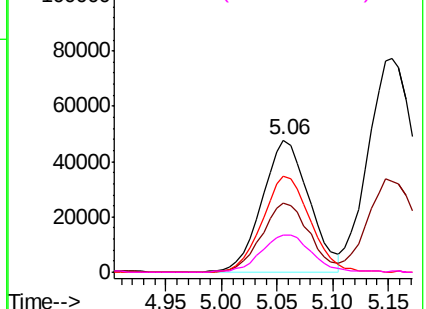


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.29 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.00 min

Lab File: VX004121.D

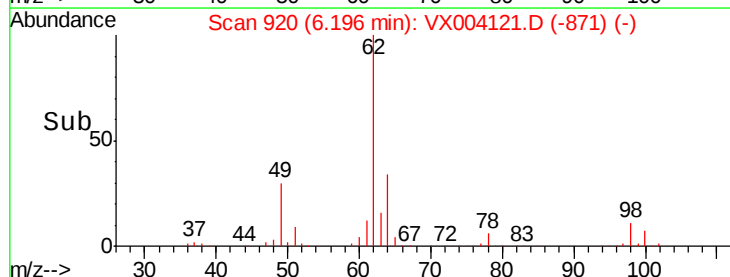
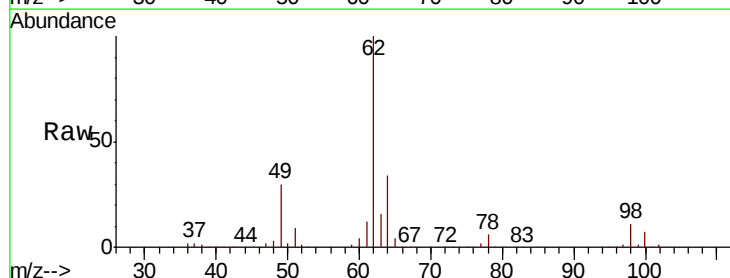
Acq: 17 Aug 2018 08:27

Tgt Ion: 62 Resp: 258987

Ion Ratio Lower Upper

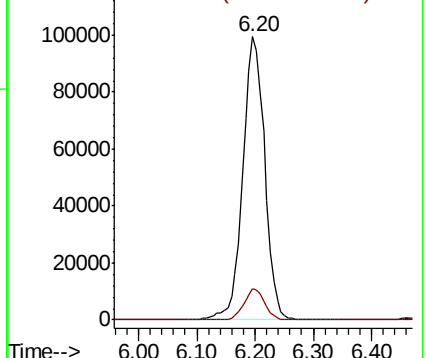
62 100

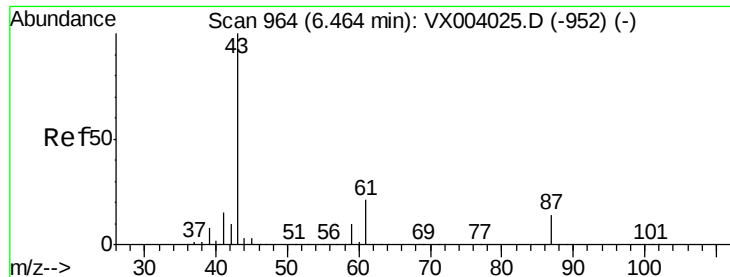
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



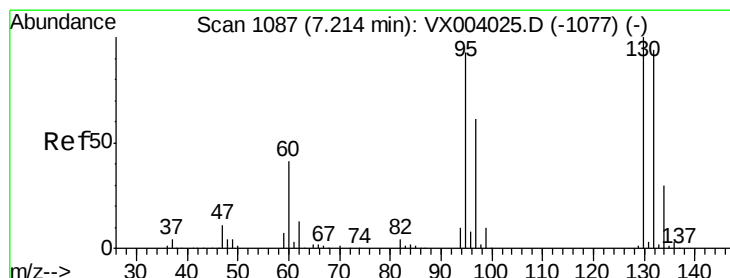
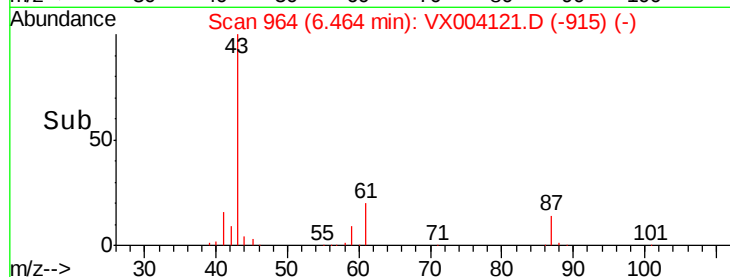
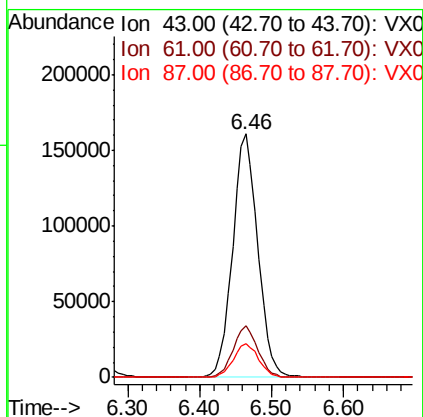
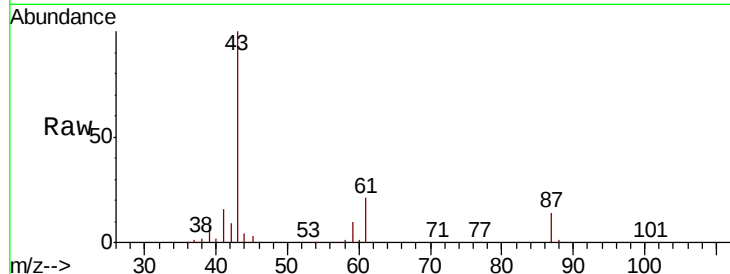


#43

Isopropyl Acetate
 Concen: 48.54 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Instrument :
 MSVOA_X
 ClientSampleId :

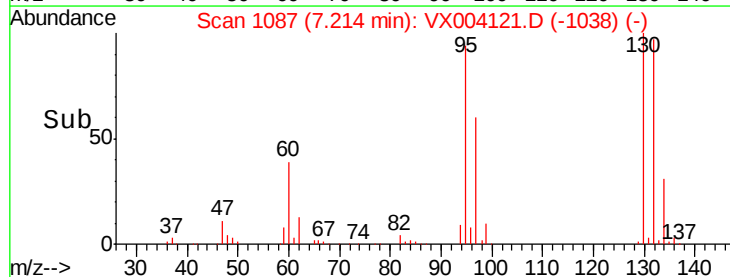
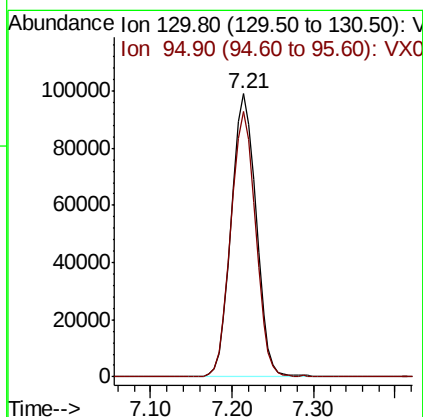
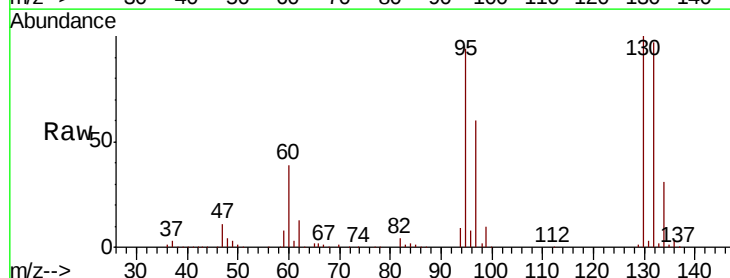
Tot Ion	43	Resp	389489
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.9	25.3
87	13.9	11.3	16.9

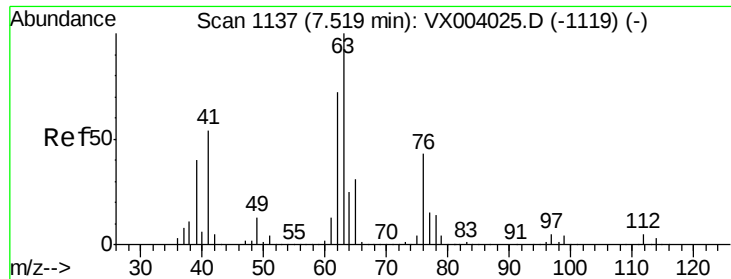


#44

Trichloroethene
 Concen: 51.06 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion	130	Resp	208069
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	199.4

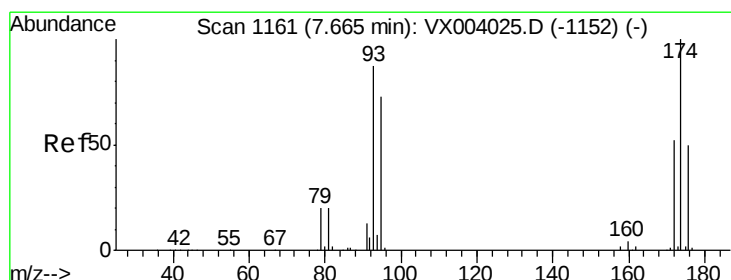
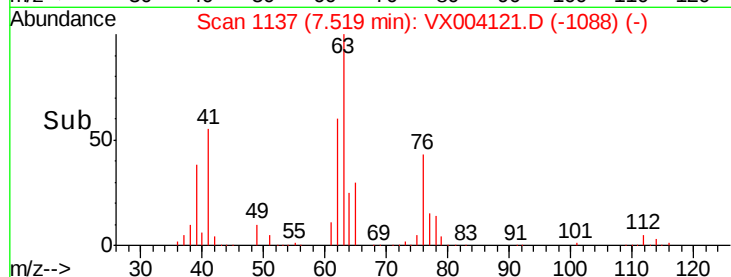
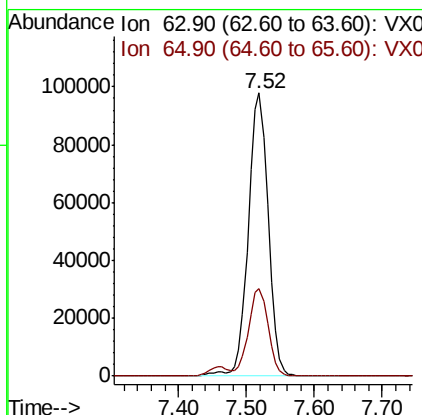
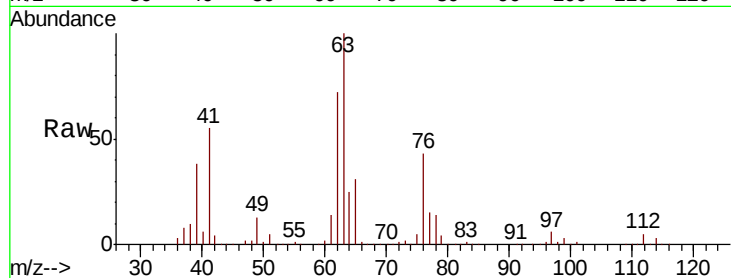




#45
 1,2-Dichloropropane
 Concen: 52.22 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

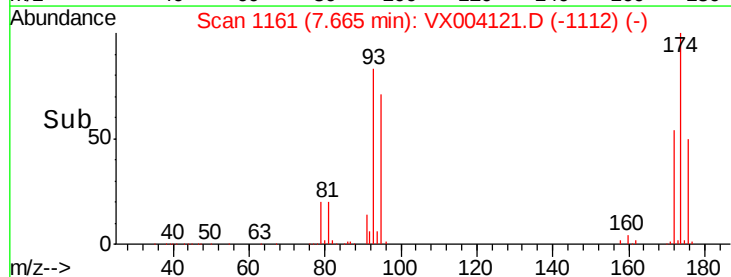
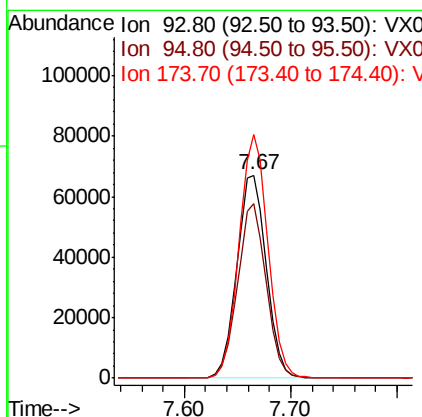
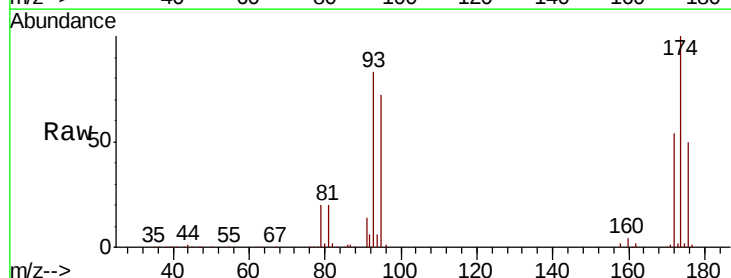
Instrument :
 MSVOA_X
 ClientSampled :

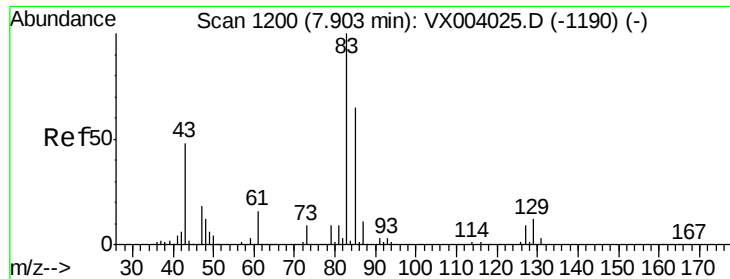
Tot Ion: 63 Resp: 200667
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8



#46
 Dibromomethane
 Concen: 51.96 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion: 93 Resp: 130477
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 117.2 94.3 141.5





#47

Bromodichloromethane

Concen: 53.90 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

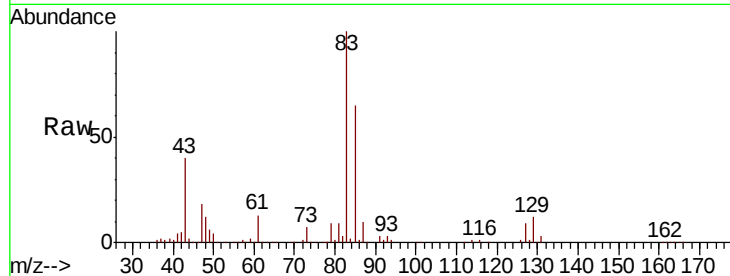
Tot Ion: 83 Resp: 256372

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

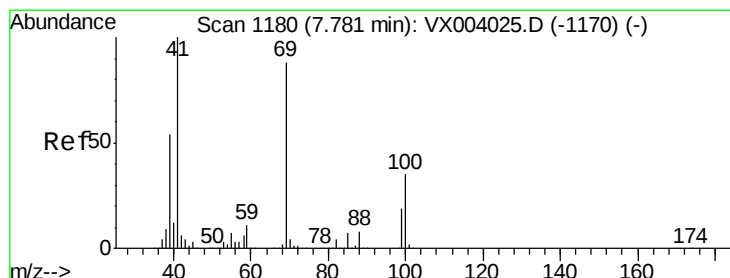
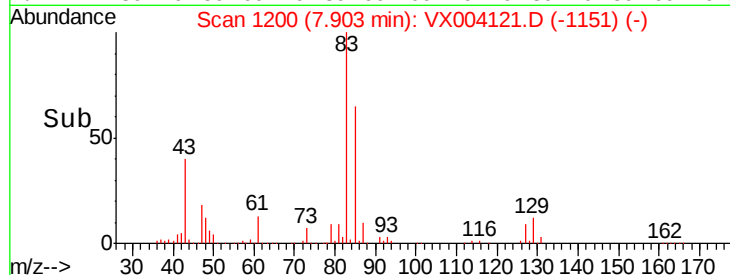
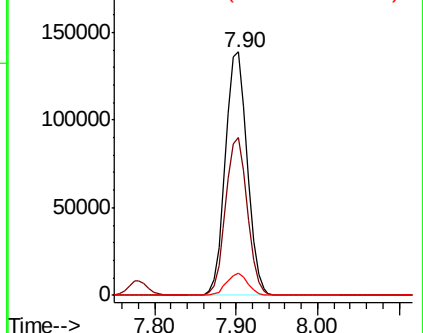
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.82 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

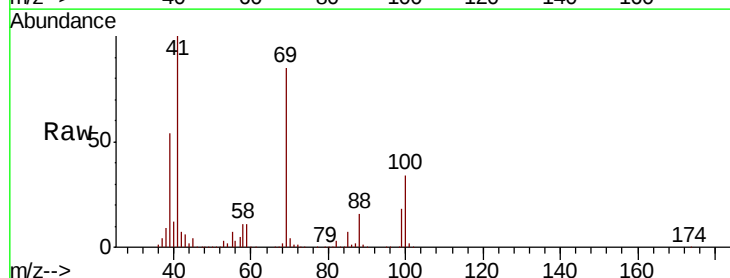
Tgt Ion: 41 Resp: 213359

Ion Ratio Lower Upper

41 100

69 87.5 68.8 103.2

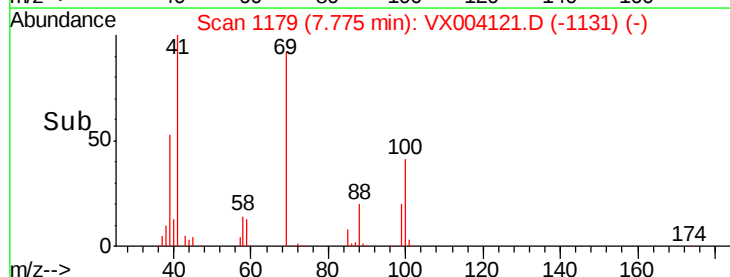
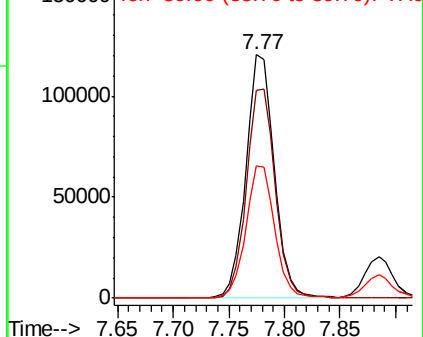
39 55.2 42.3 63.5

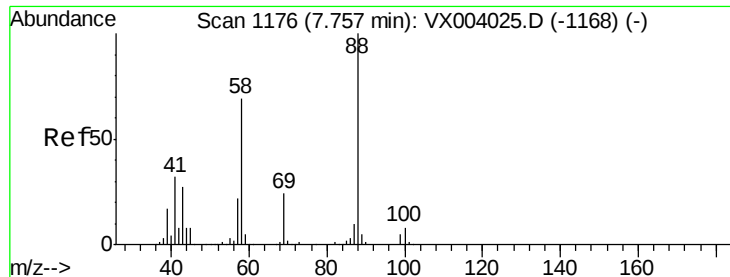


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

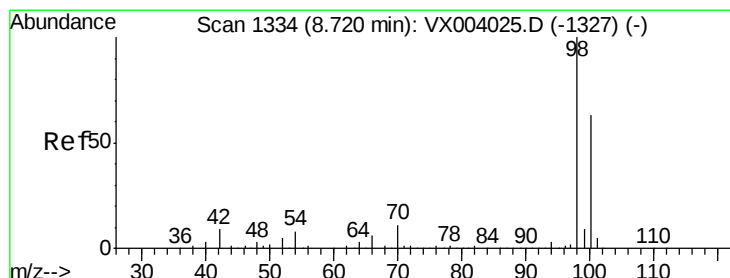
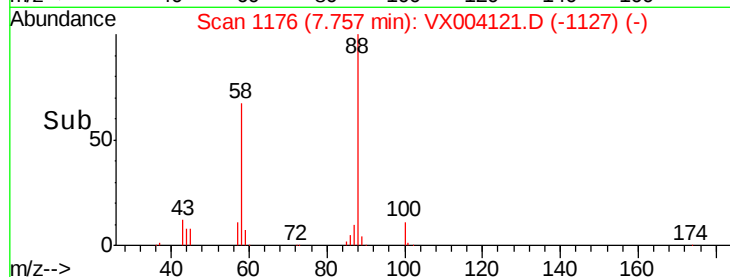
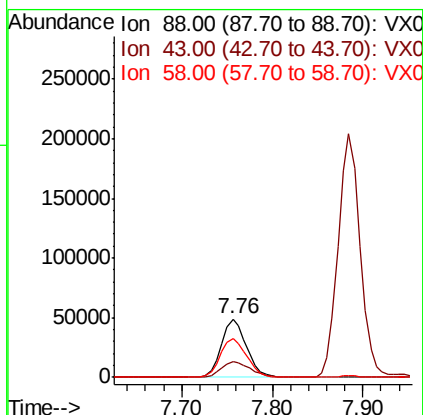
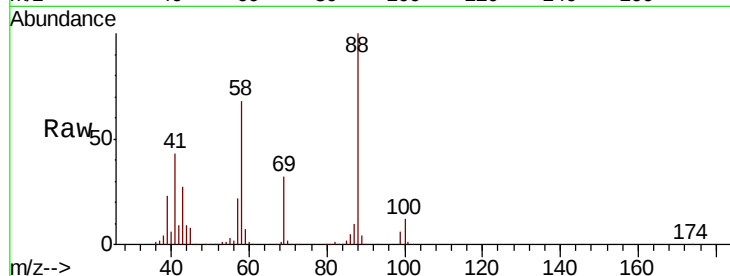




#49
1,4-Dioxane
Concen: 1031.33 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

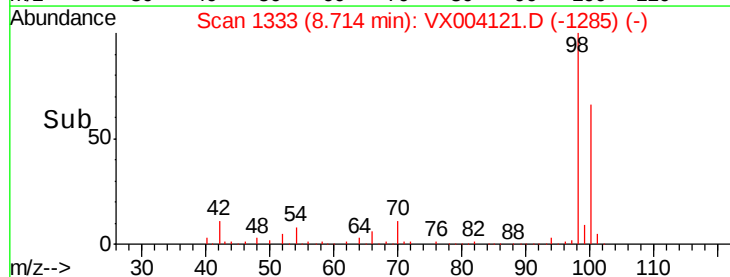
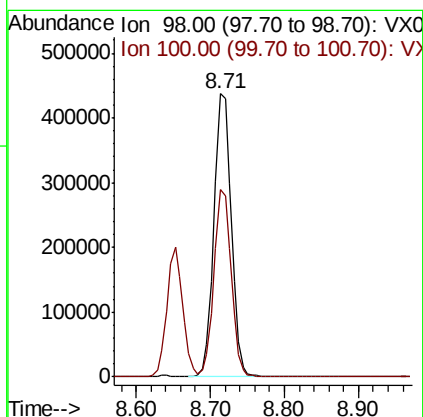
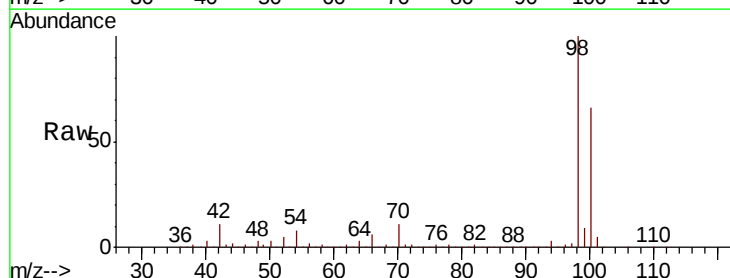
Instrument :
MSVOA_X
ClientSampled :

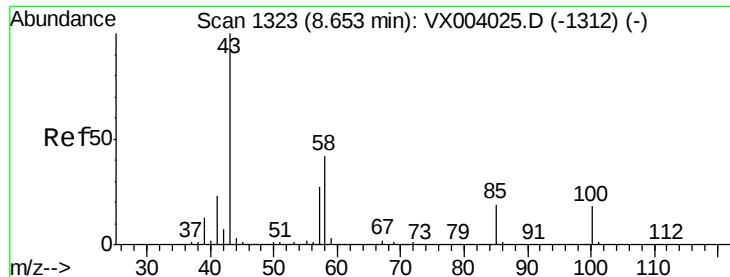
Tot Ion: 88 Resp: 93790
Ion Ratio Lower Upper
88 100
43 30.9 23.8 35.8
58 70.5 55.4 83.0



#50
Toluene-d8
Concen: 52.66 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion: 98 Resp: 701965
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 263.78 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

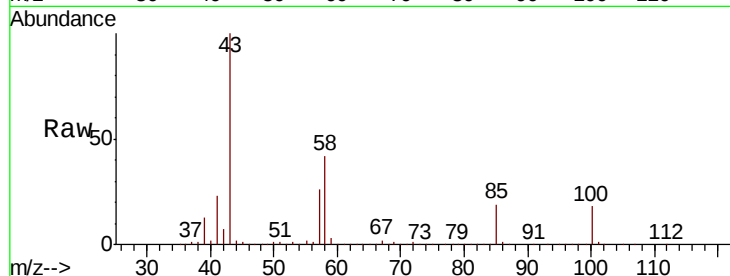
ClientSampleId :

Tot Ion: 43 Resp: 1735491

Ion Ratio Lower Upper

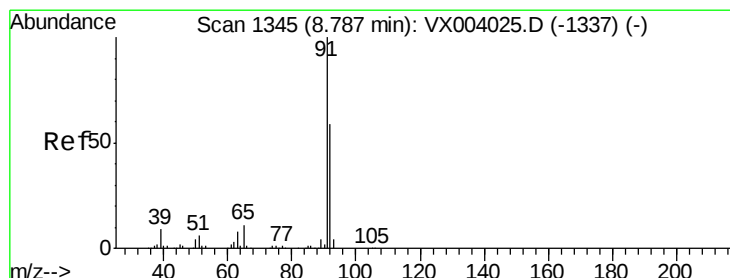
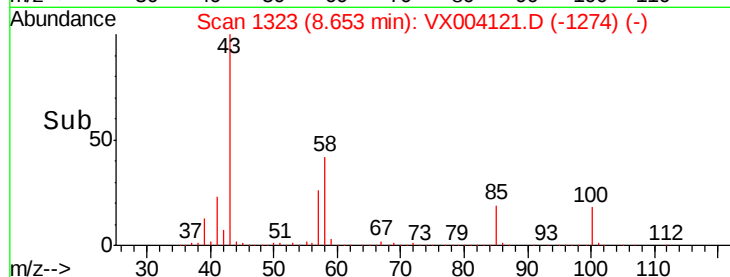
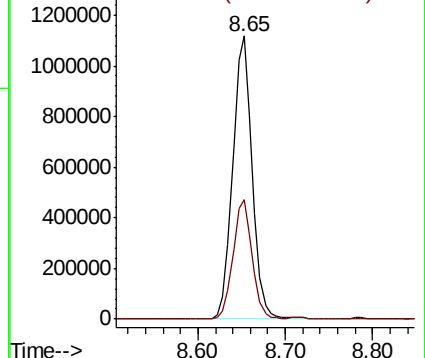
43 100

58 41.3 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.64 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004121.D

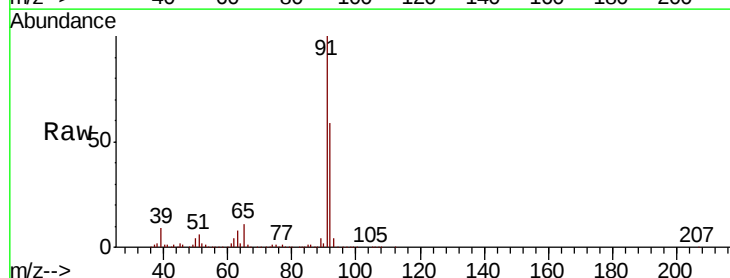
Acq: 17 Aug 2018 08:27

Tgt Ion: 92 Resp: 509208

Ion Ratio Lower Upper

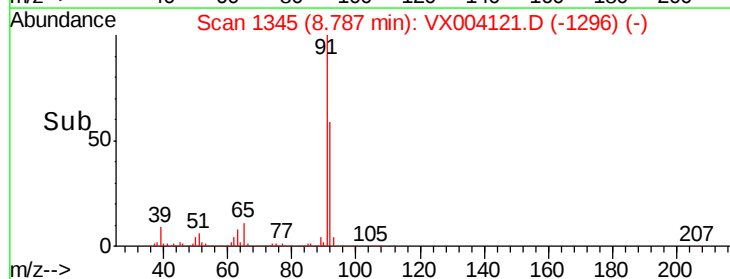
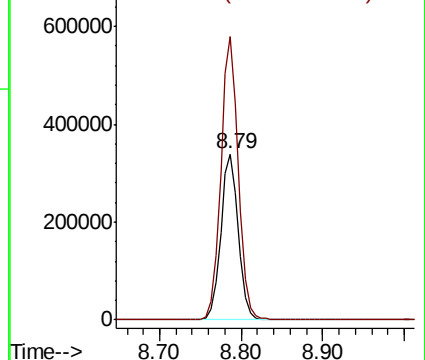
92 100

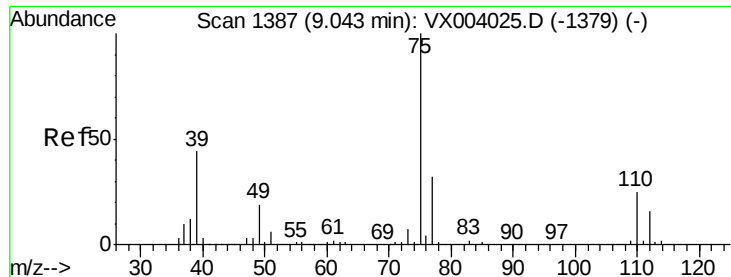
91 169.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.86 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

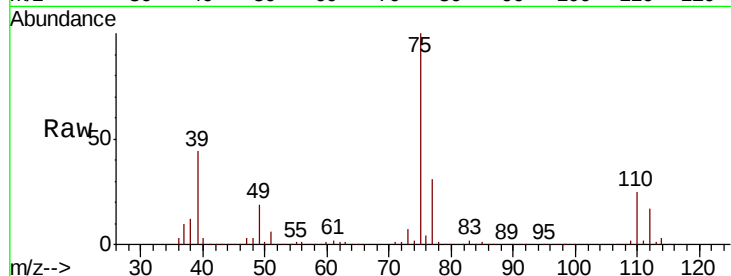
ClientSampleId :

Tot Ion: 75 Resp: 281894

Ion Ratio Lower Upper

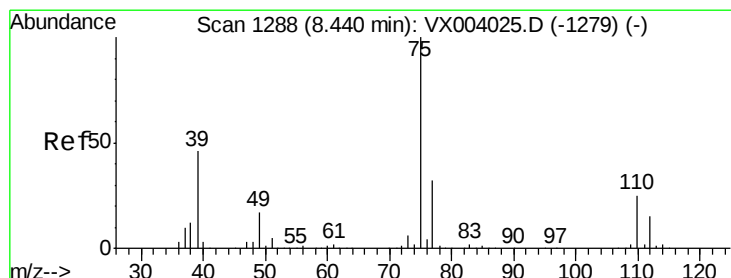
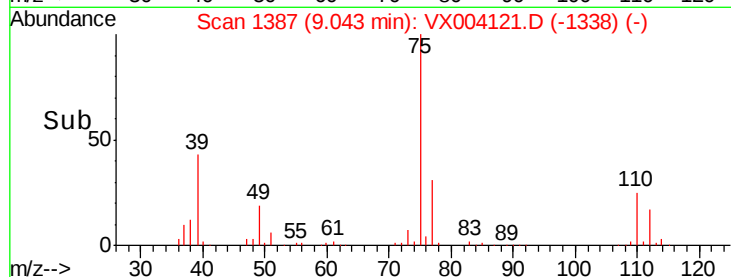
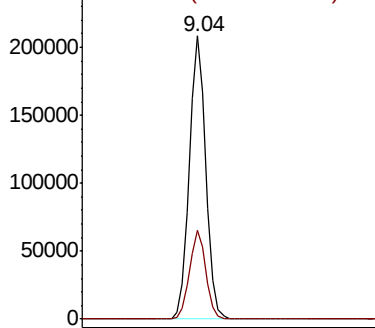
75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 54.42 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

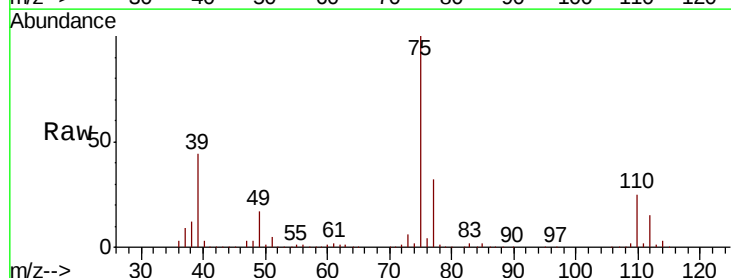
Tgt Ion: 75 Resp: 309657

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

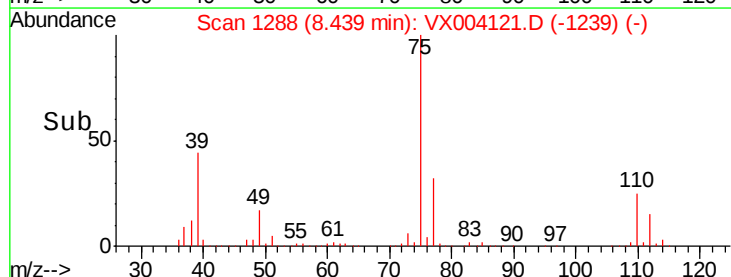
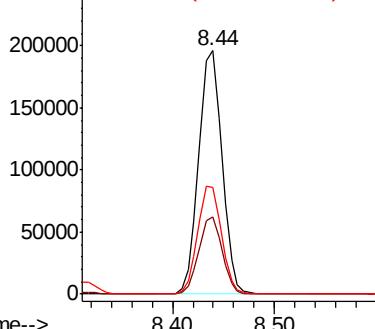
39 43.6 36.2 54.2

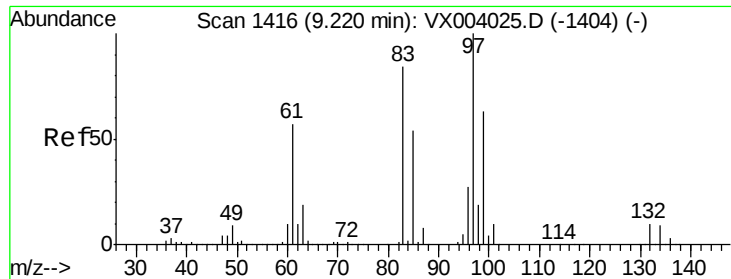


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

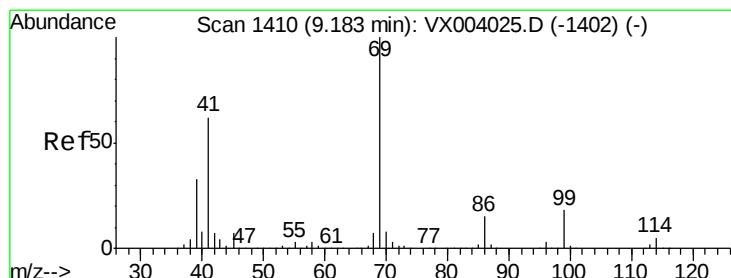
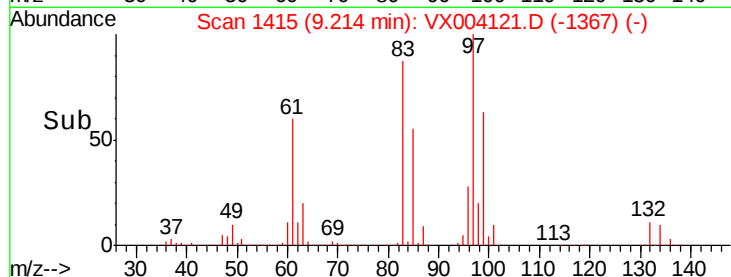
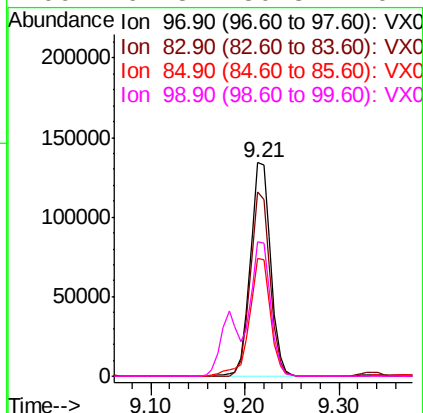
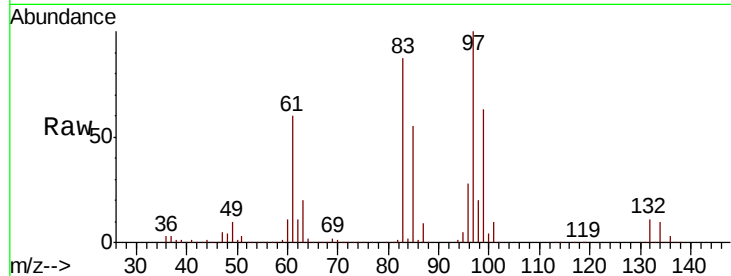




#55
 1,1,2-Trichloroethane
 Concen: 51.96 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

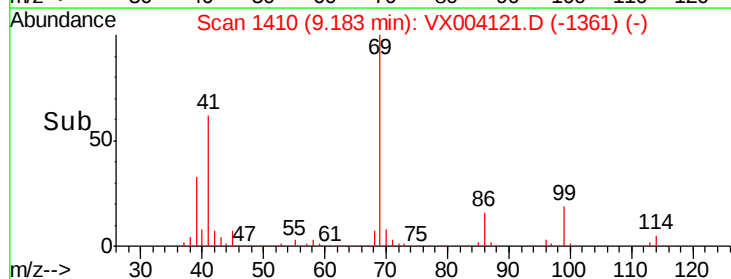
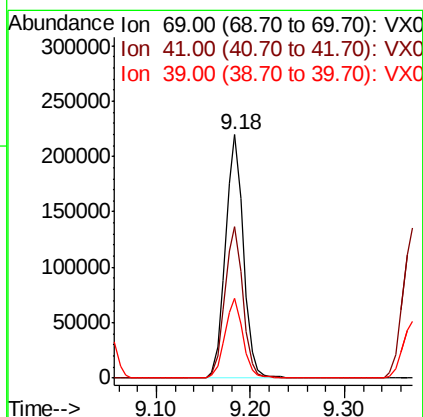
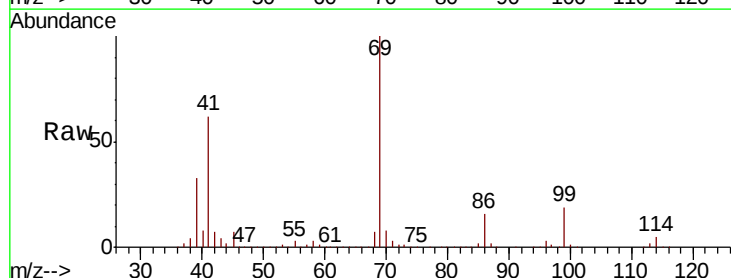
Instrument :
 MSVOA_X
 ClientSampleId :

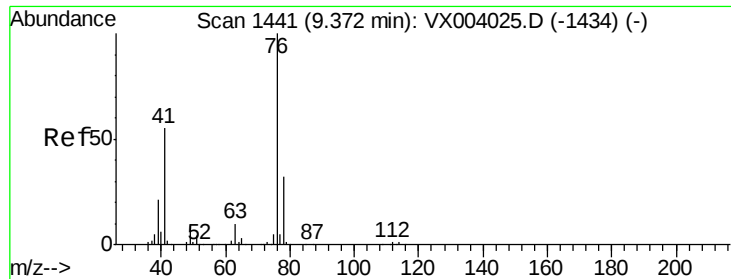
Tot Ion:	97	Resp:	203686
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.8	101.6
85	55.4	44.2	66.2
99	62.8	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 54.61 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion:	69	Resp:	291107
Ion	Ratio	Lower	Upper
69	100		
41	62.9	50.6	76.0
39	33.0	25.8	38.6





#57

1,3-Dichloropropane

Concen: 52.45 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

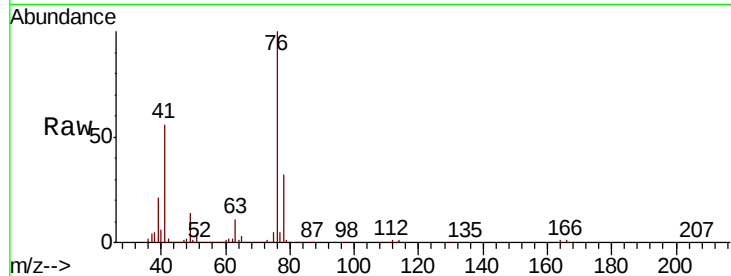
ClientSampled :

Tot Ion: 76 Resp: 341177

Ion Ratio Lower Upper

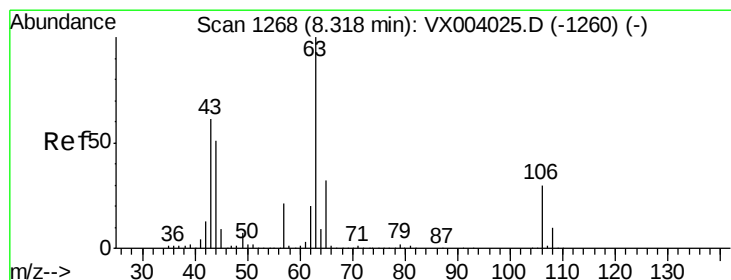
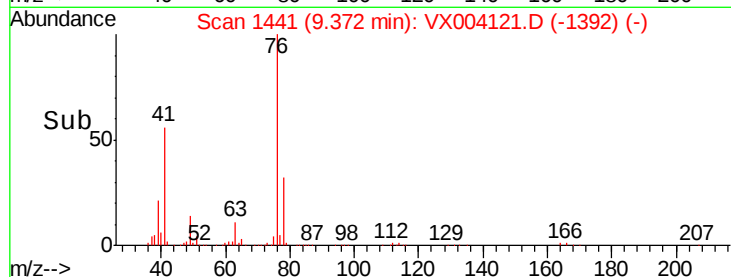
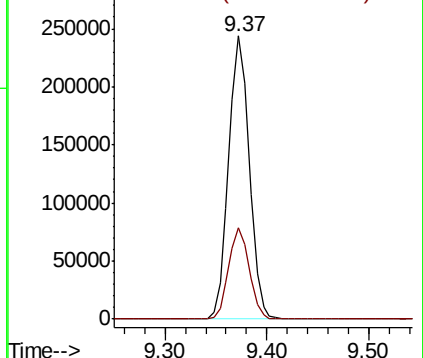
76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 273.59 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004121.D

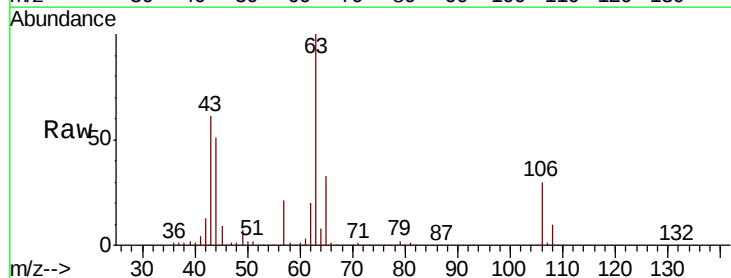
Acq: 17 Aug 2018 08:27

Tgt Ion: 63 Resp: 742680

Ion Ratio Lower Upper

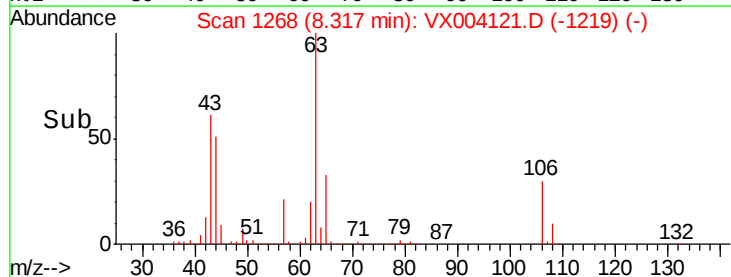
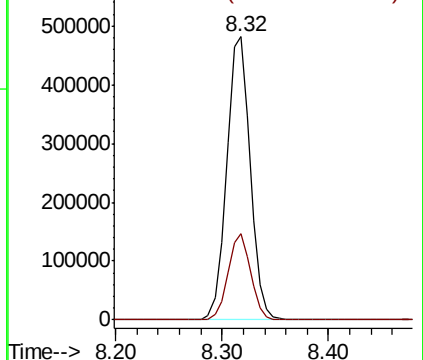
63 100

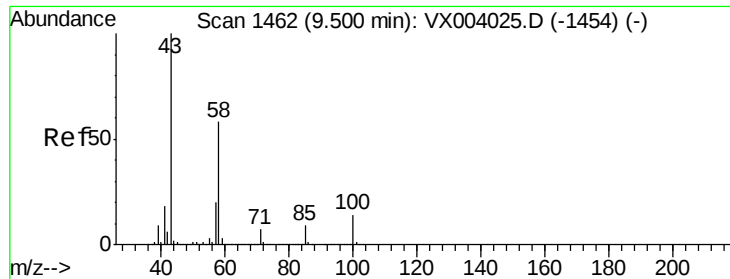
106 29.5 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

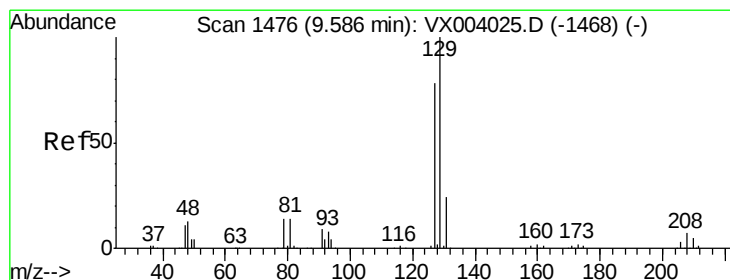
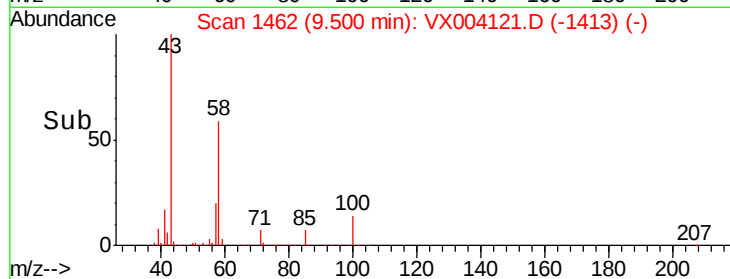
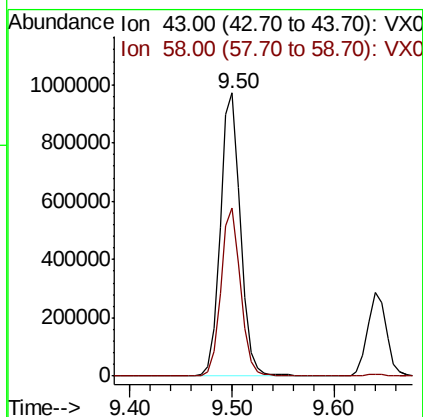
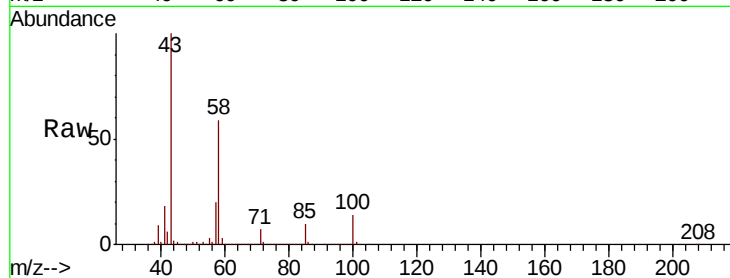




#59
2-Hexanone
Concen: 270.03 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

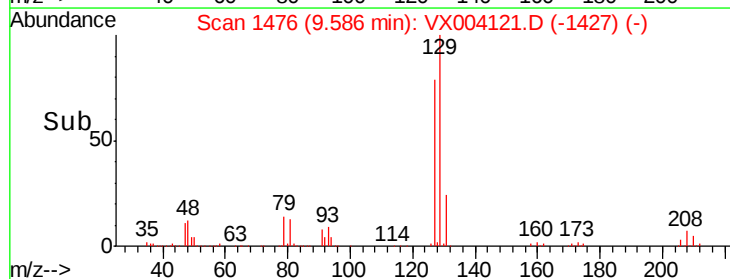
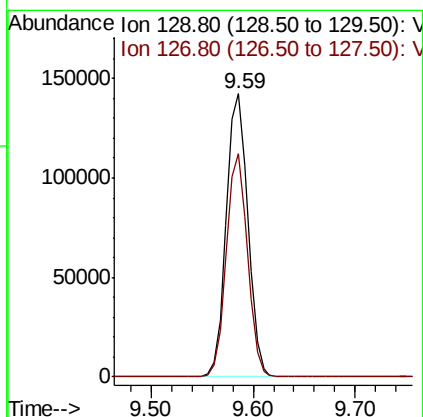
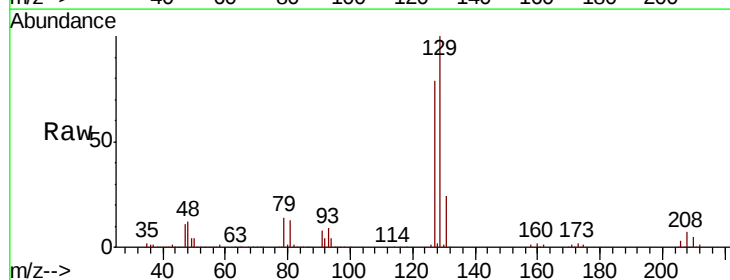
Instrument :
MSVOA_X
ClientSampled :

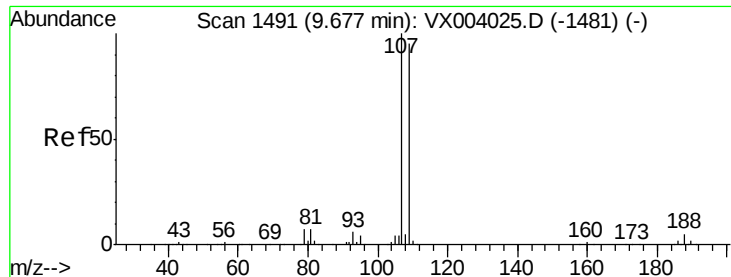
Tot Ion: 43 Resp: 1337074
Ion Ratio Lower Upper
43 100
58 58.2 29.0 87.0



#60
Dibromochloromethane
Concen: 55.08 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion: 129 Resp: 207801
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 53.29 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

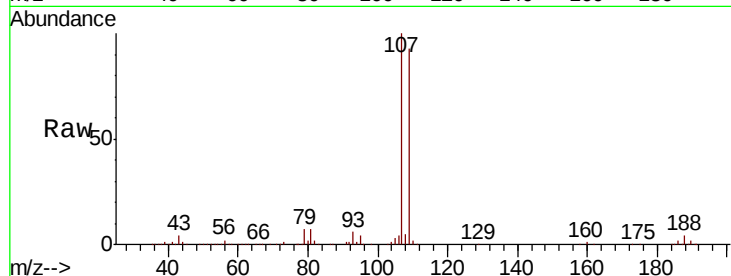
ClientSampleId :

Tot Ion:107 Resp: 212983

Ion Ratio Lower Upper

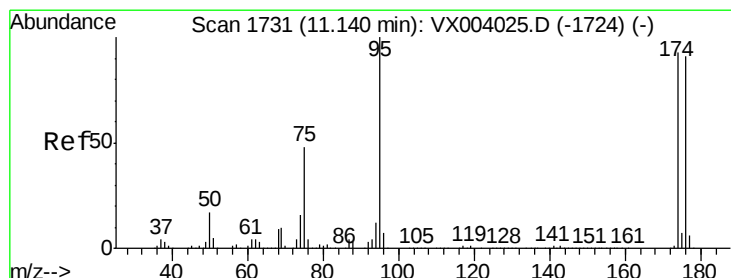
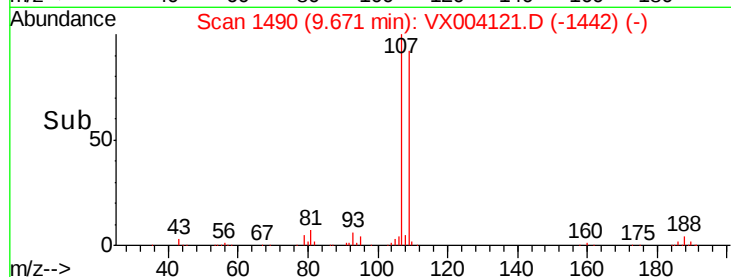
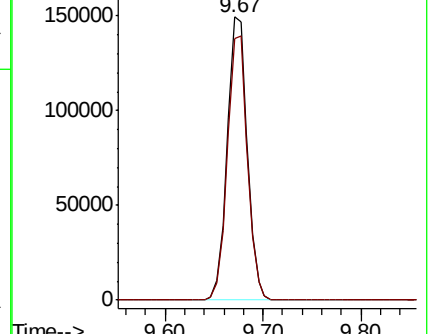
107 100

109 93.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

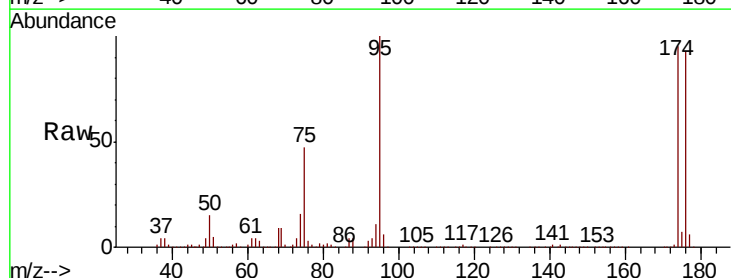
Tgt Ion: 95 Resp: 243074

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.8

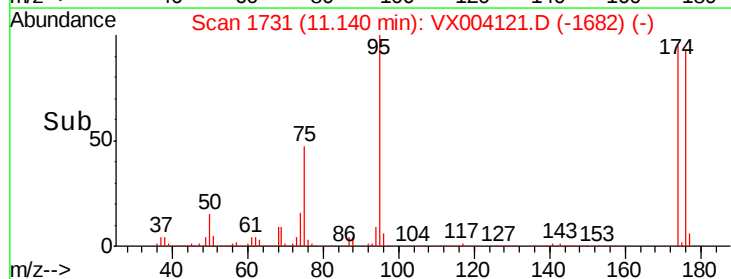
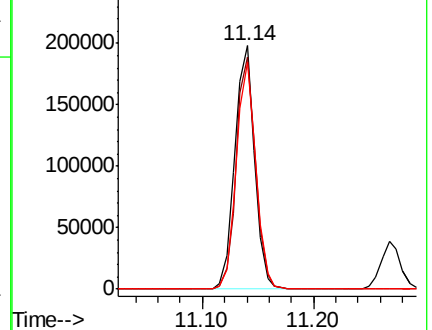
176 92.1 0.0 179.0

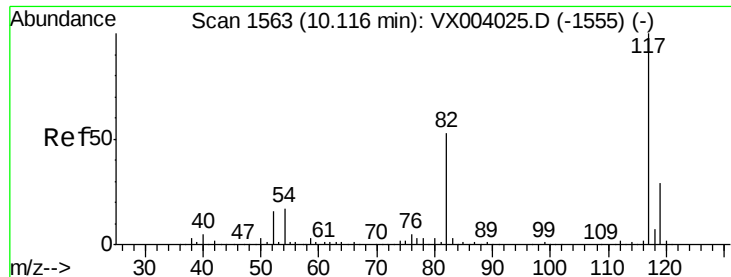


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

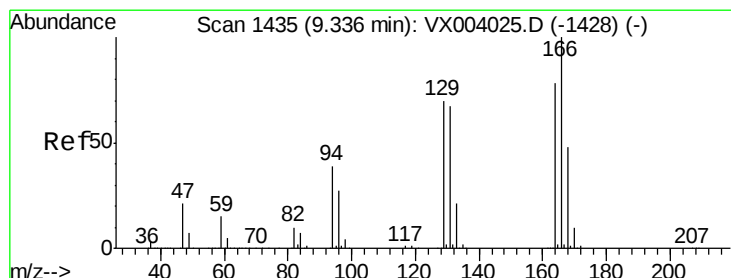
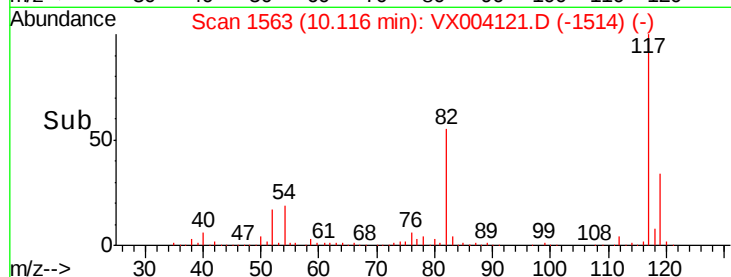
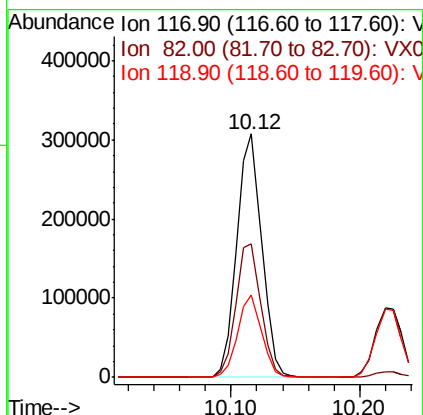
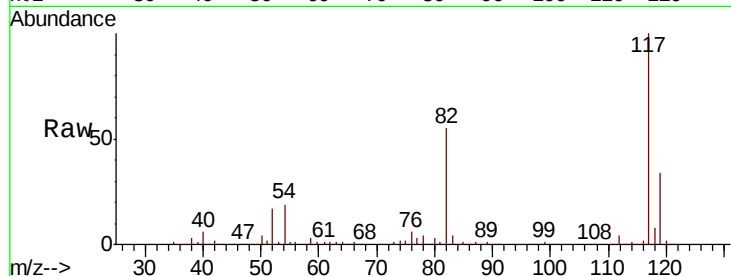




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

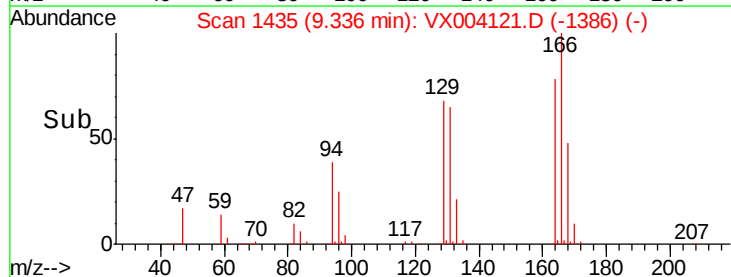
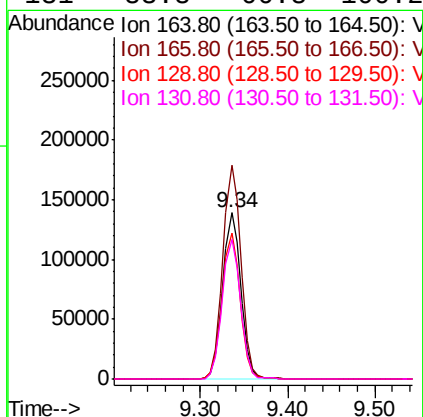
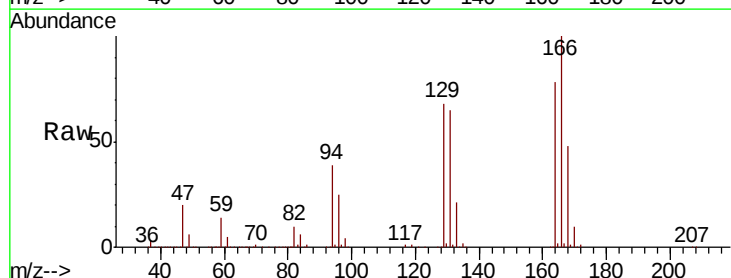
Instrument :
MSVOA_X
ClientSampleId :

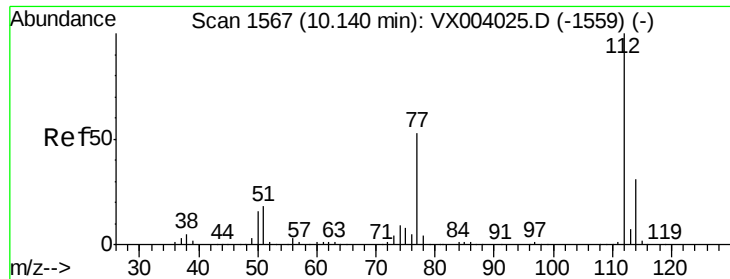
Tot Ion:117 Resp: 416872
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 33.7 26.6 40.0



#64
Tetrachloroethene
Concen: 50.69 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion:164 Resp: 200294
Ion Ratio Lower Upper
164 100
166 128.7 98.0 147.0
129 87.8 64.3 96.5
131 83.8 66.8 100.2





#65

Chlorobenzene

Concen: 49.98 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

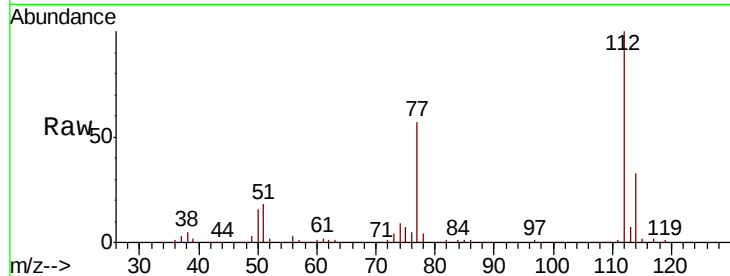
ClientSampled :

Tot Ion:112 Resp: 538224

Ion Ratio Lower Upper

112 100

114 33.1 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

400000

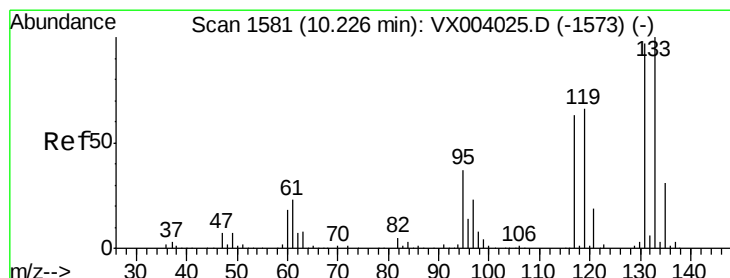
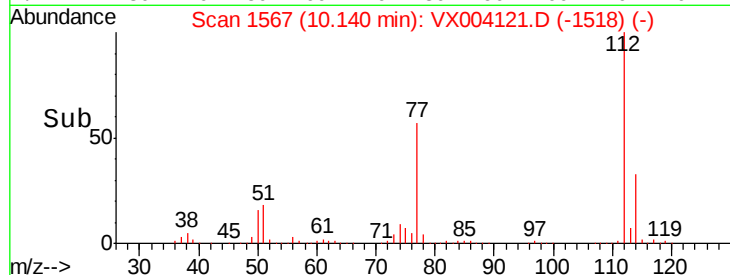
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 53.07 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

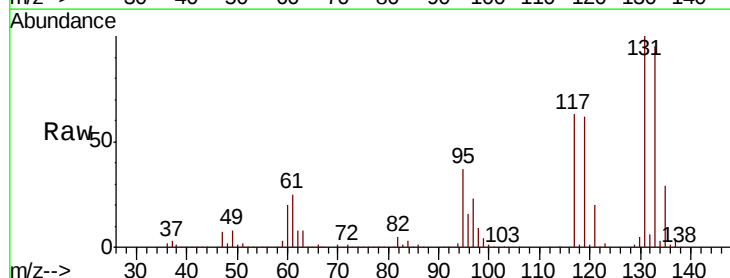
Tgt Ion:131 Resp: 194908

Ion Ratio Lower Upper

131 100

133 94.4 47.3 141.8

119 62.1 31.6 94.8



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

10.22

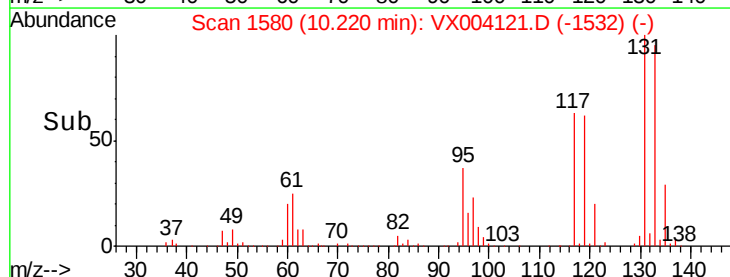
150000

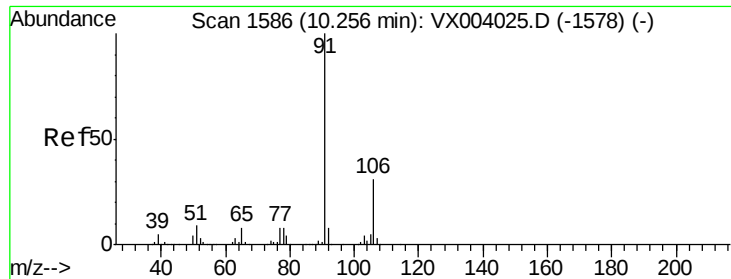
100000

50000

0

Time--> 10.20 10.30

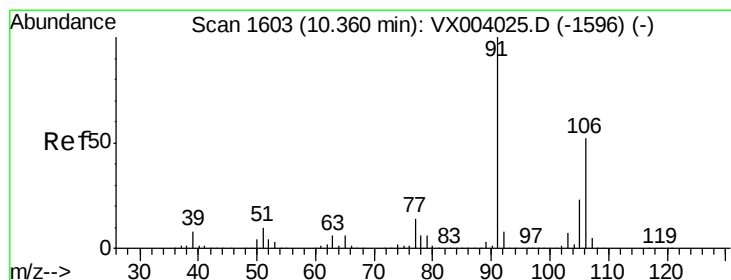
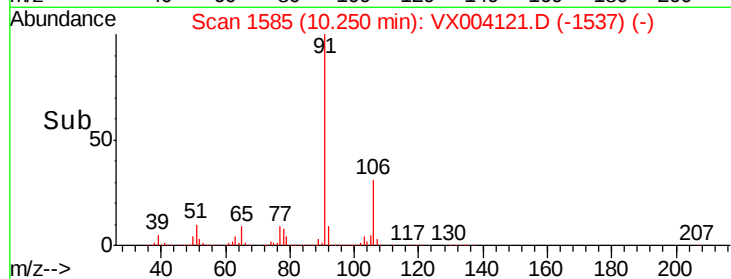
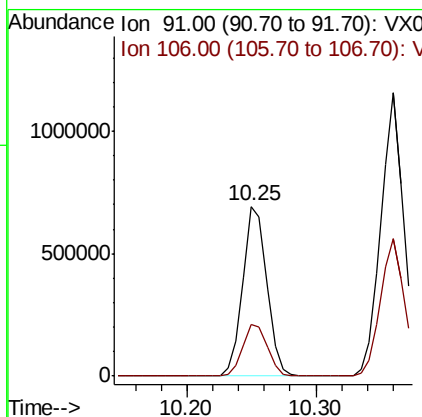
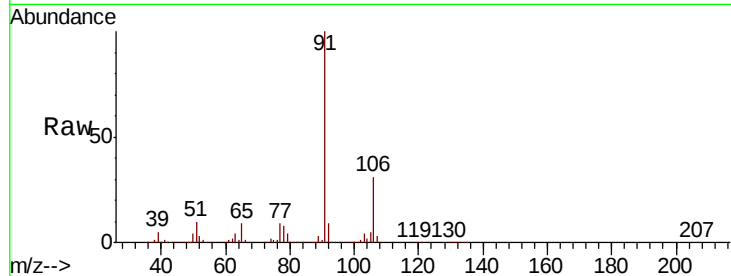




#67
Ethyl Benzene
Concen: 52.54 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

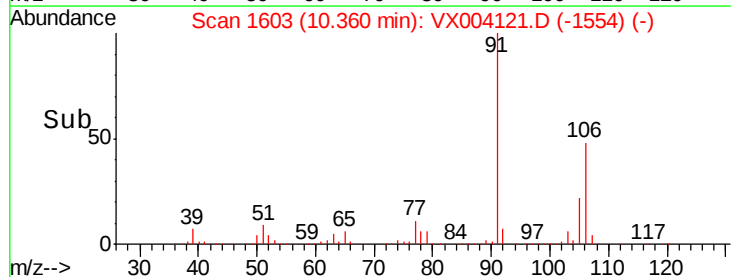
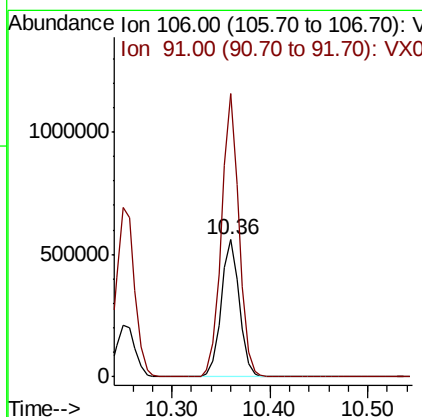
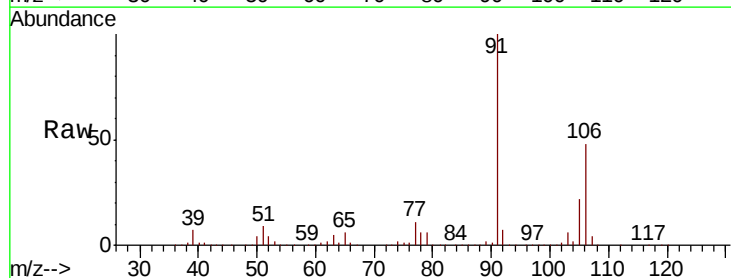
Instrument :
MSVOA_X
ClientSampleId :

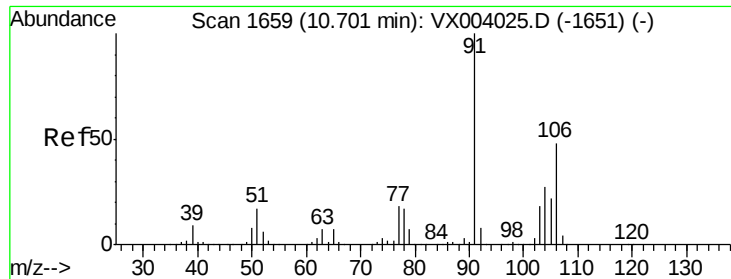
Tot Ion: 91 Resp: 895855
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 107.86 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion: 106 Resp: 720220
Ion Ratio Lower Upper
106 100
91 198.9 162.3 243.5

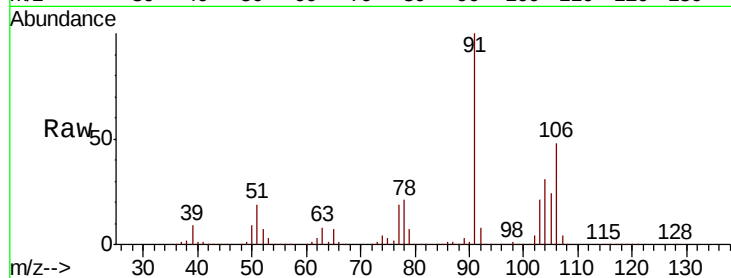




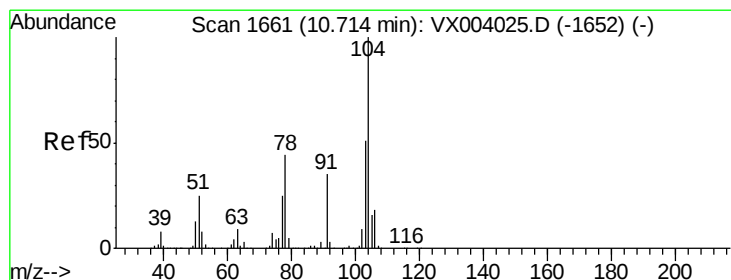
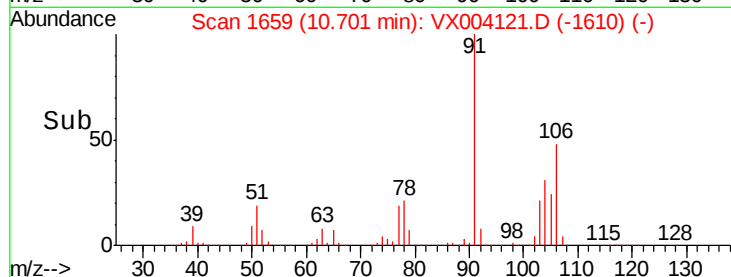
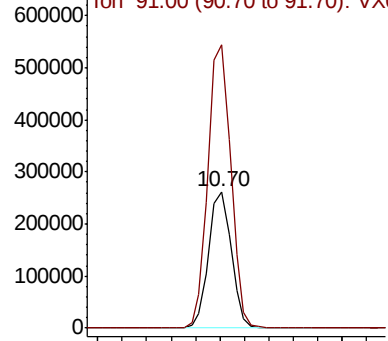
#69
o-Xylene
Concen: 52.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 334786
Ion Ratio Lower Upper
106 100
91 210.9 101.9 305.7

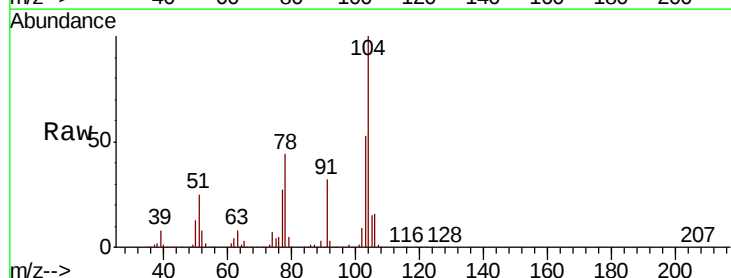


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

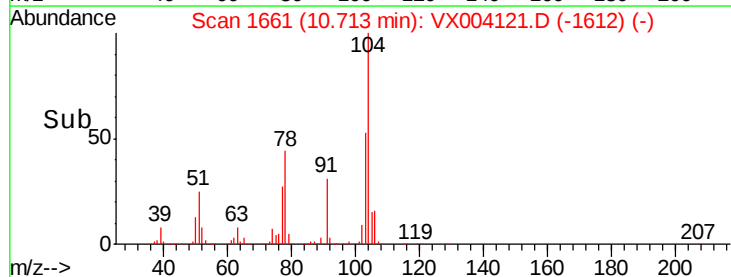
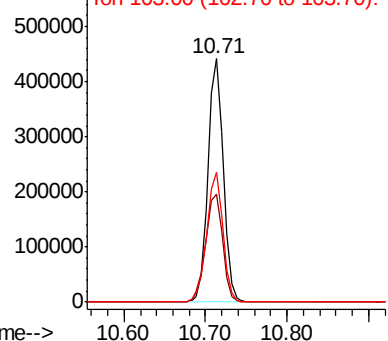


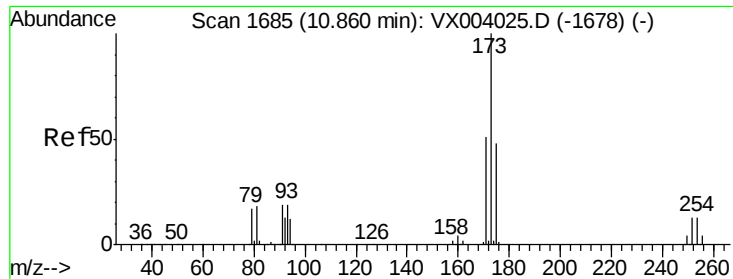
#70
Styrene
Concen: 52.39 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion:104 Resp: 562681
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 56.4 44.3 66.5



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





#71

Bromoform

Concen: 51.73 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

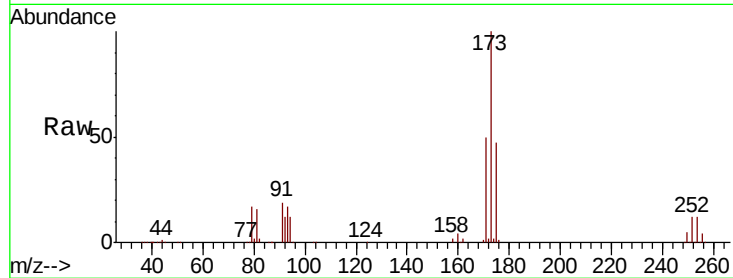
Tot Ion:173 Resp: 150654

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.7

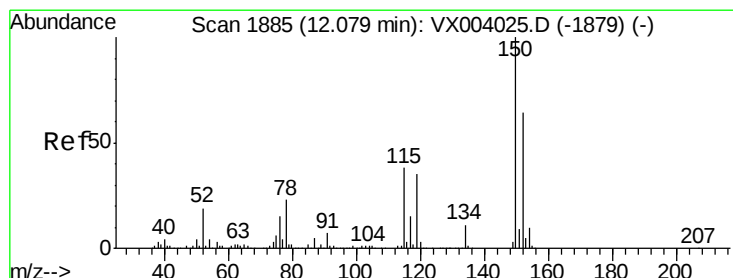
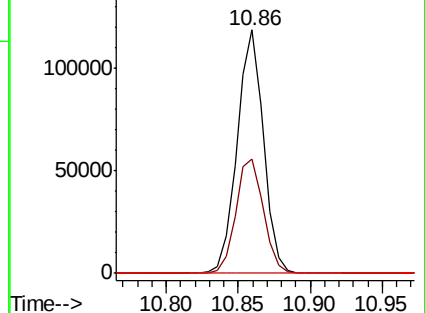
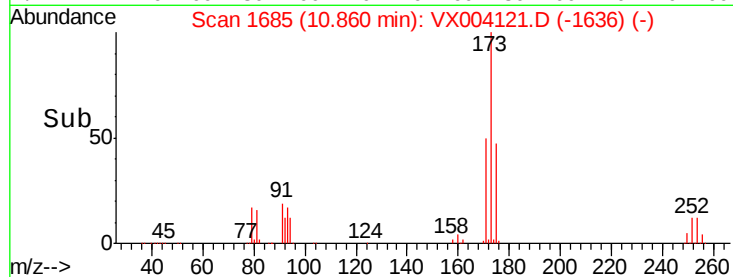
254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

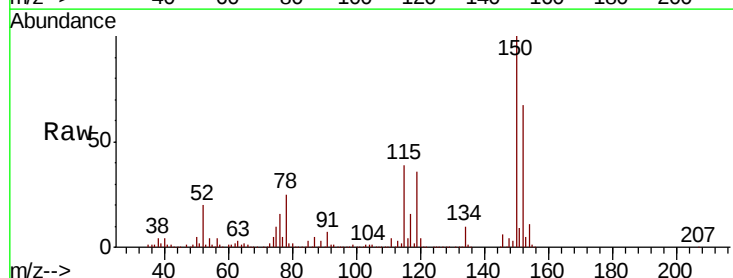
Tgt Ion:152 Resp: 270323

Ion Ratio Lower Upper

152 100

115 78.0 39.1 117.3

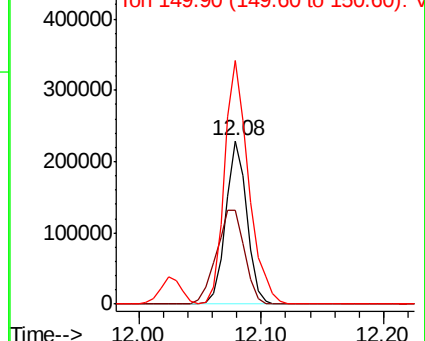
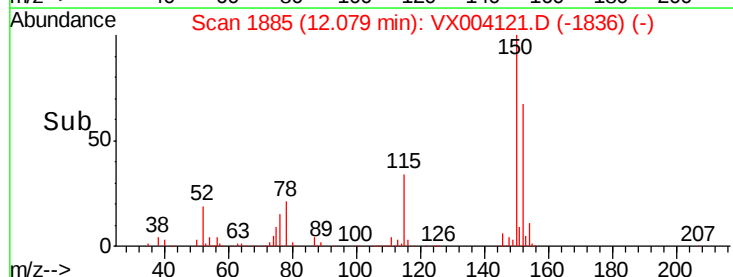
150 171.3 0.0 349.2

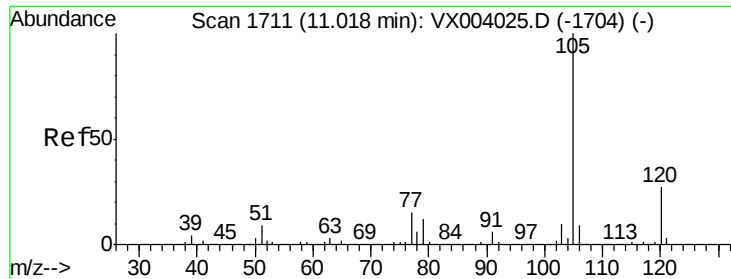


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.85 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

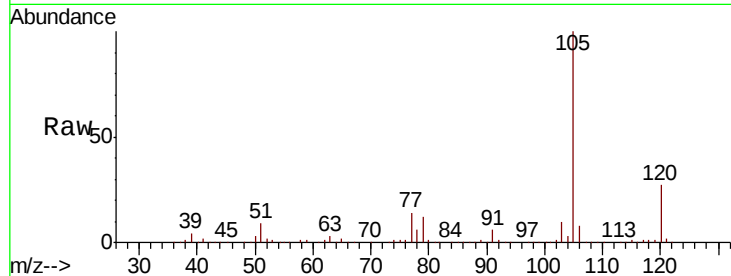
ClientSampleId :

Tot Ion:105 Resp: 930150

Ion Ratio Lower Upper

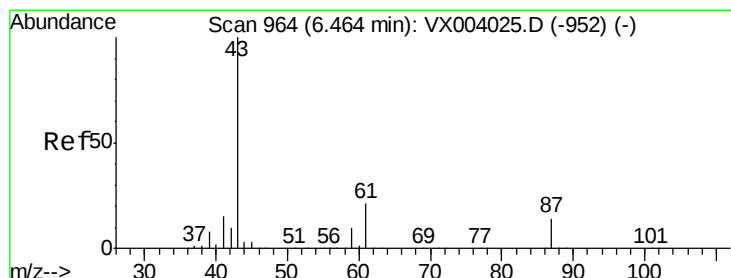
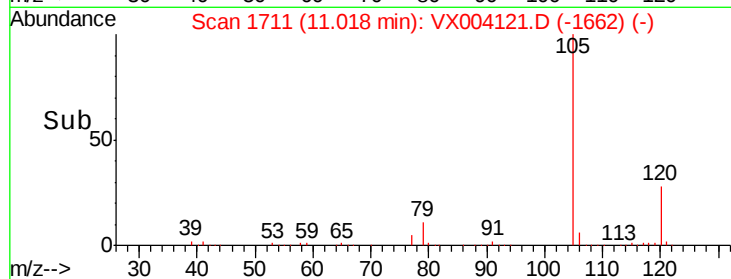
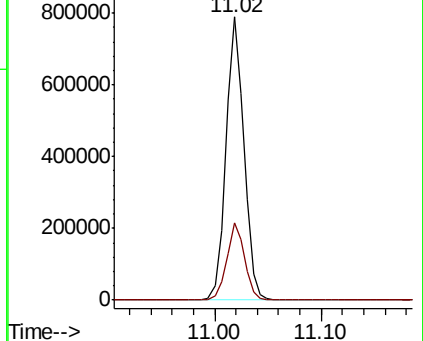
105 100

120 27.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.27 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Tgt Ion: 43 Resp: 389489

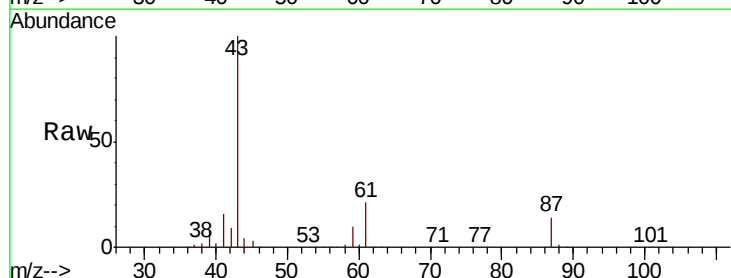
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 21.0 16.9 25.3

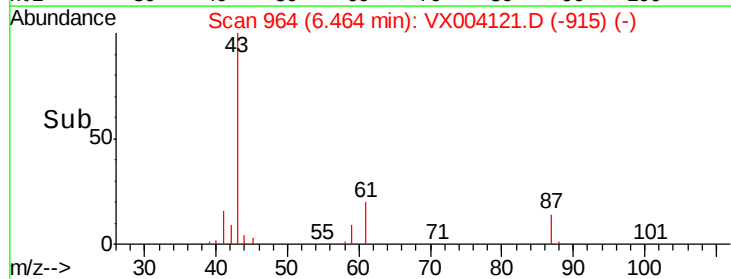
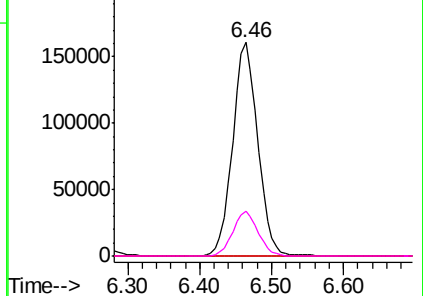


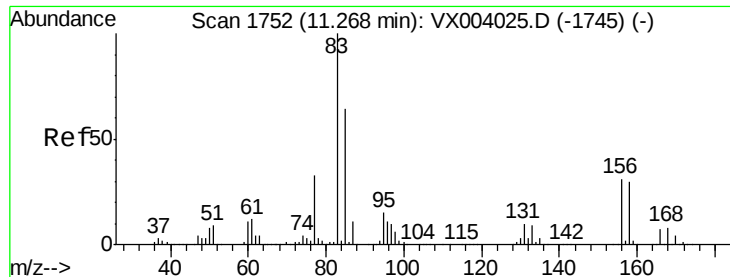
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.29 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

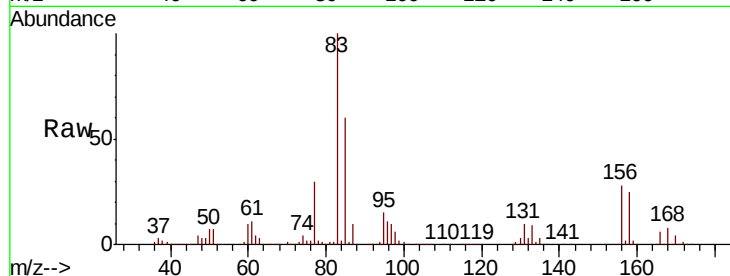
Tot Ion: 83 Resp: 308523

Ion Ratio Lower Upper

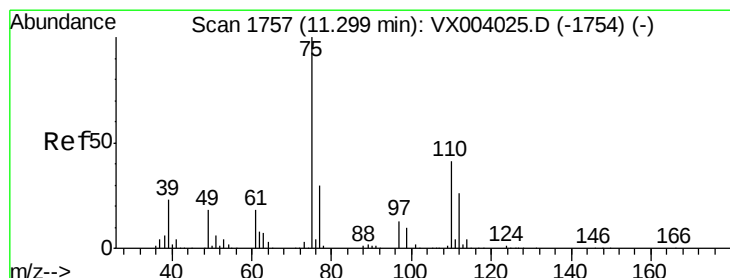
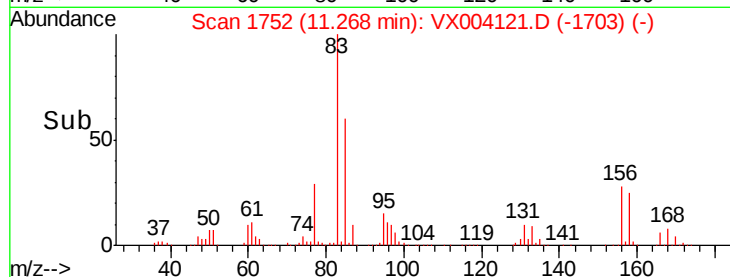
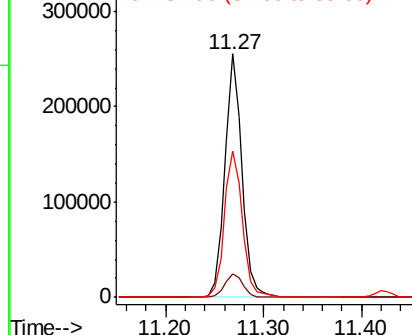
83 100

131 10.3 5.2 15.6

85 63.4 32.2 96.6



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: 63.43 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004121.D

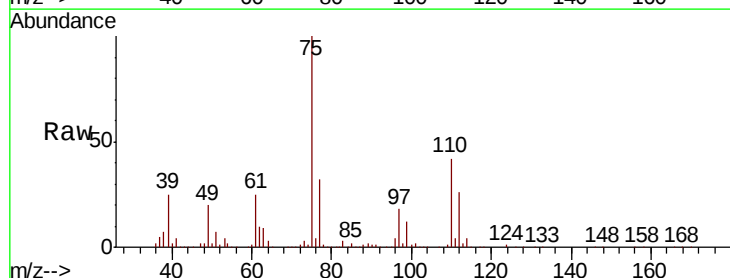
Acq: 17 Aug 2018 08:27

Tgt Ion: 75 Resp: 343856

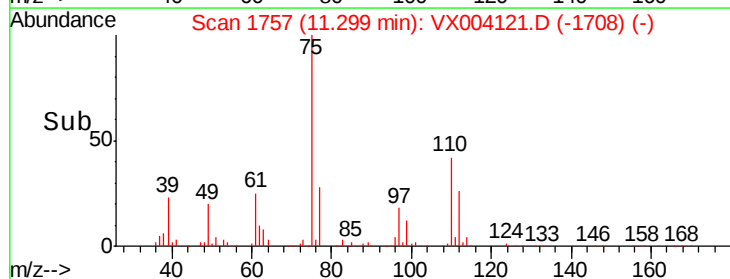
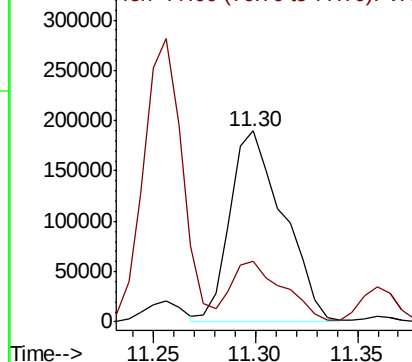
Ion Ratio Lower Upper

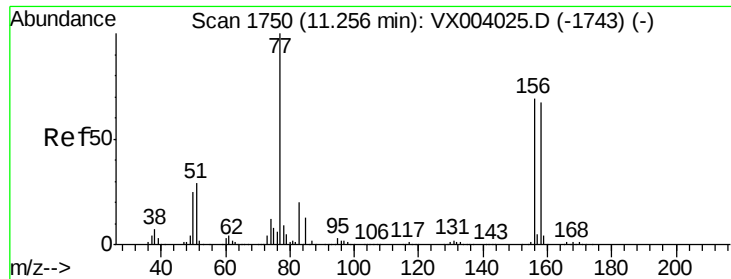
75 100

77 30.7 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.13 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

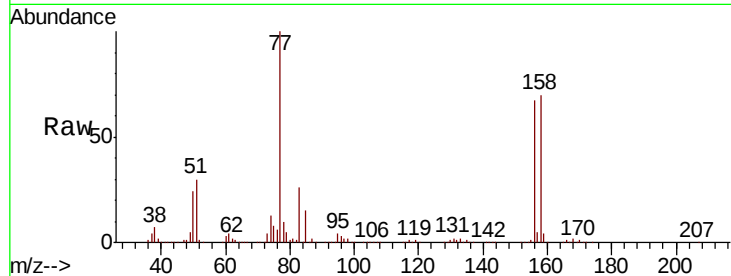
Tot Ion:156 Resp: 247774

Ion Ratio Lower Upper

156 100

77 148.9 74.1 222.2

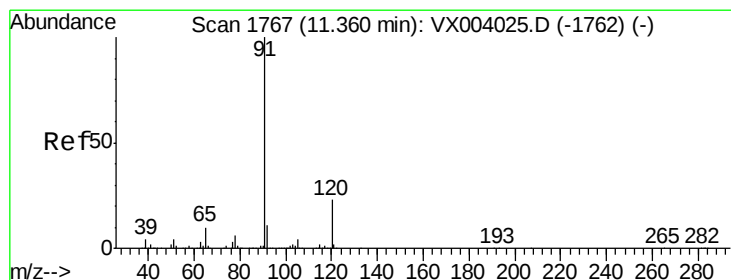
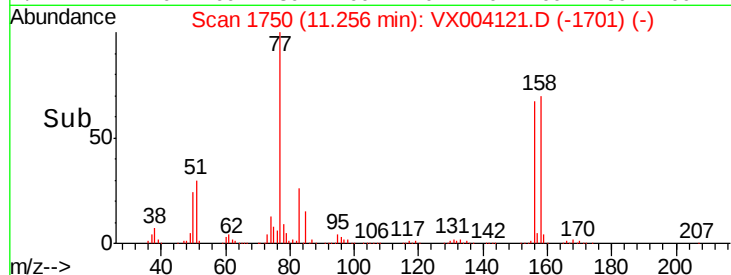
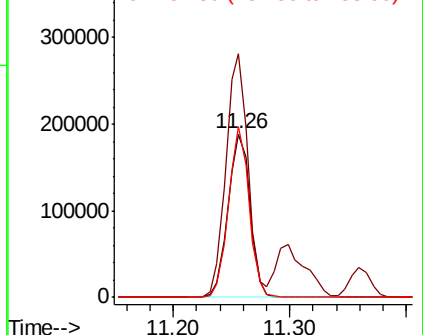
158 98.3 48.6 145.9



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: 53.85 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004121.D

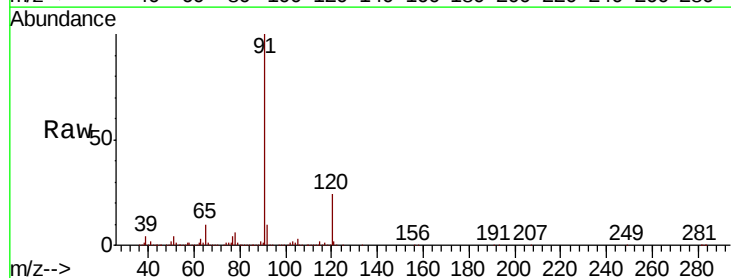
Acq: 17 Aug 2018 08:27

Tgt Ion: 91 Resp: 1102477

Ion Ratio Lower Upper

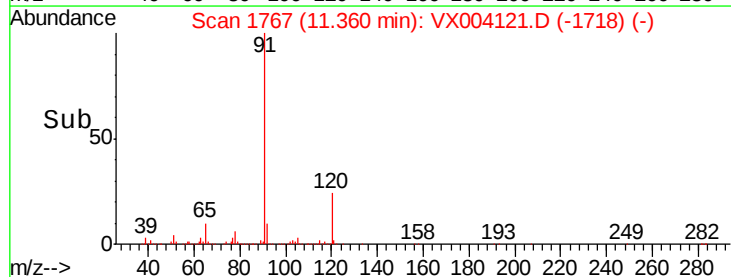
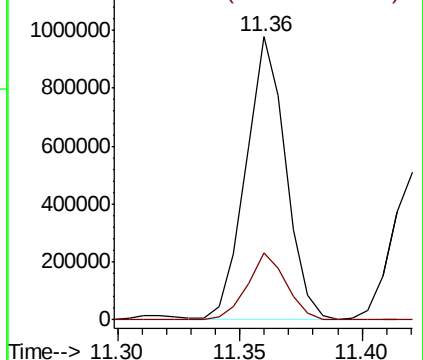
91 100

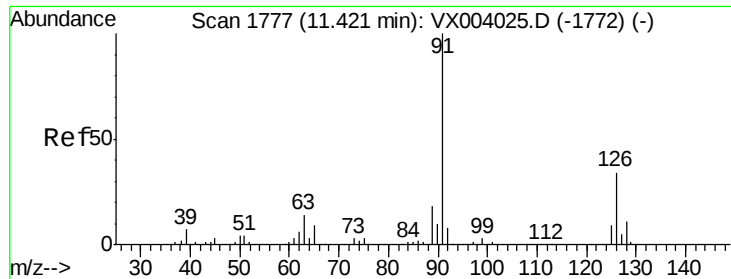
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.20 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

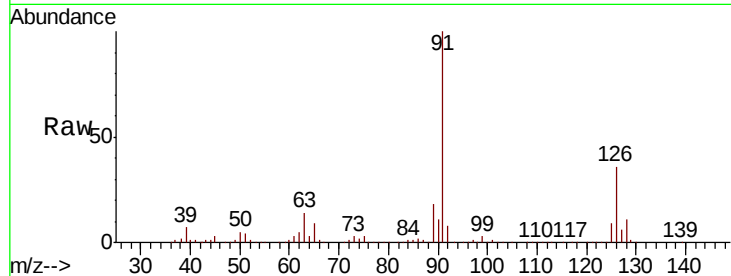
ClientSampleId :

Tot Ion: 91 Resp: 626300

Ion Ratio Lower Upper

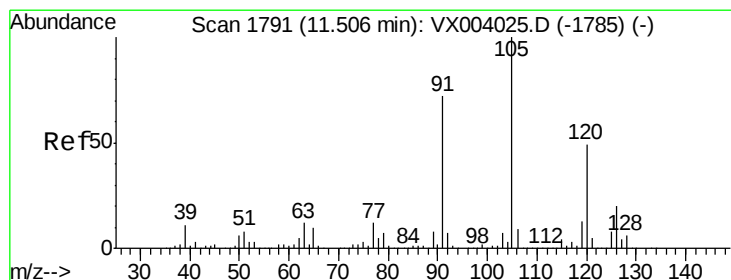
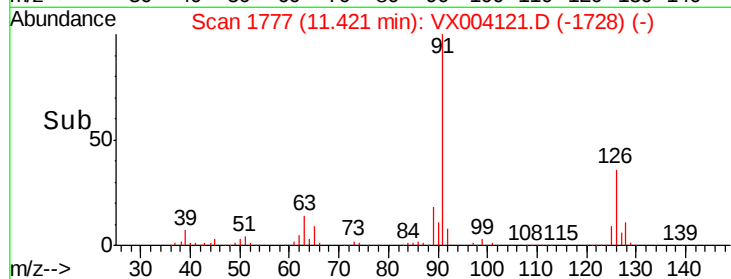
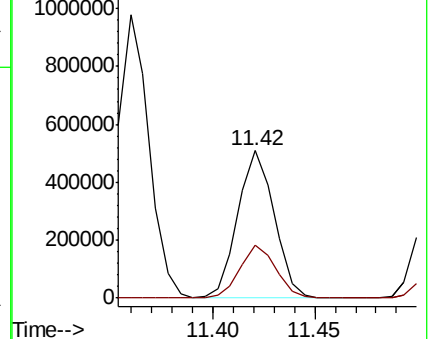
91 100

126 35.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.31 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004121.D

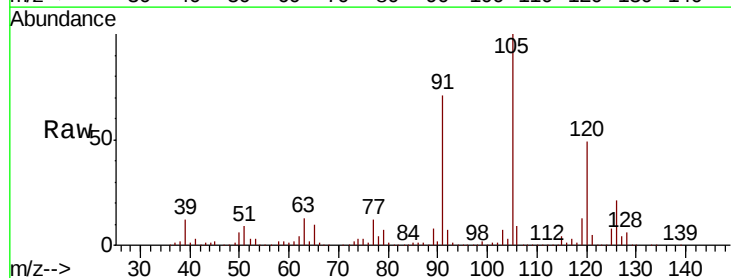
Acq: 17 Aug 2018 08:27

Tgt Ion:105 Resp: 768556

Ion Ratio Lower Upper

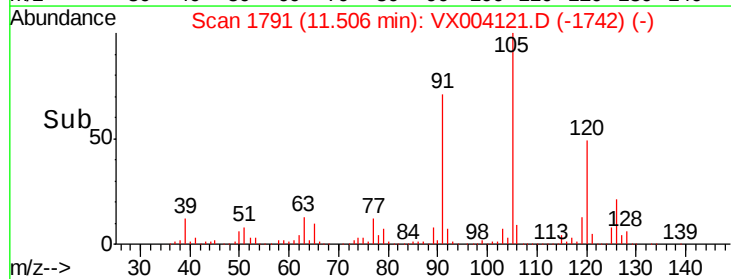
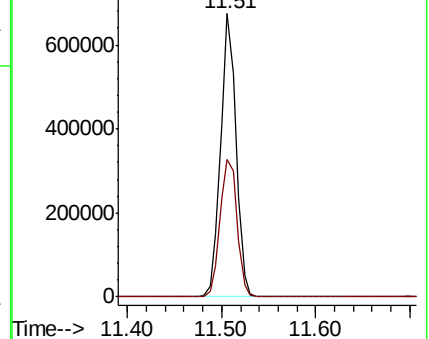
105 100

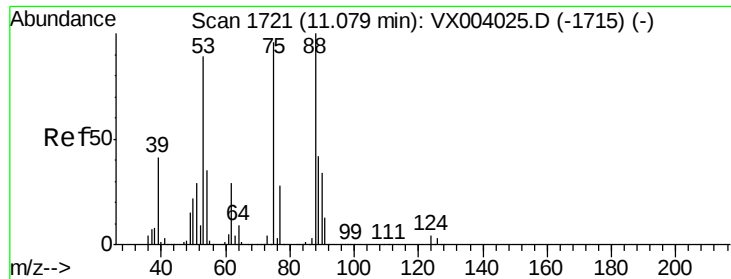
120 53.2 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.31 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampleId :

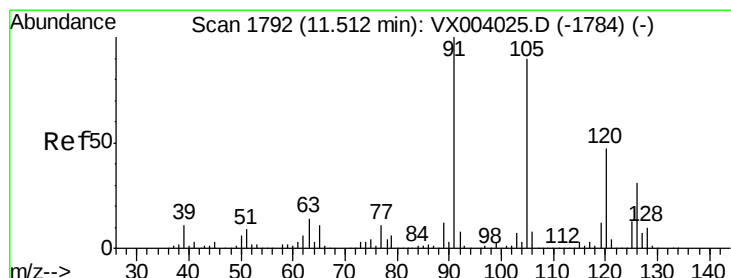
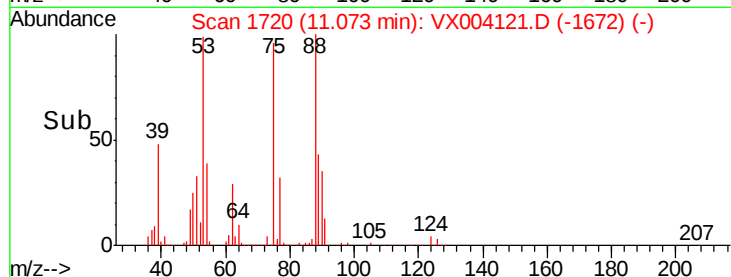
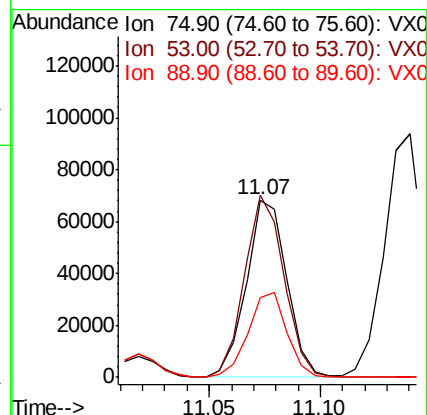
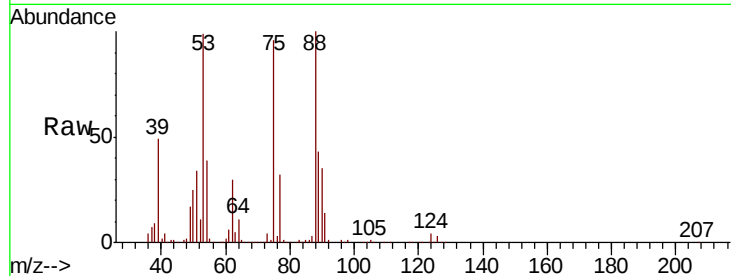
Tot Ion: 75 Resp: 86352

Ion Ratio Lower Upper

75 100

53 100.4 80.3 120.5

89 46.4 37.8 56.8



#82

4-Chlorotoluene

Concen: 49.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004121.D

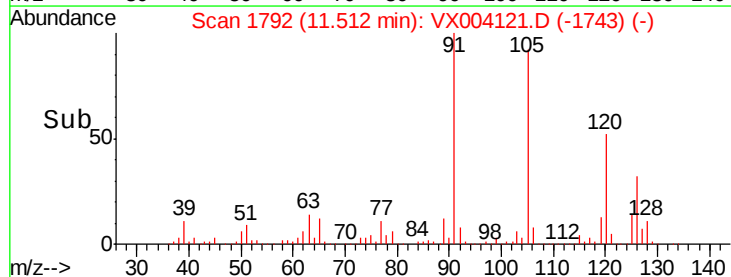
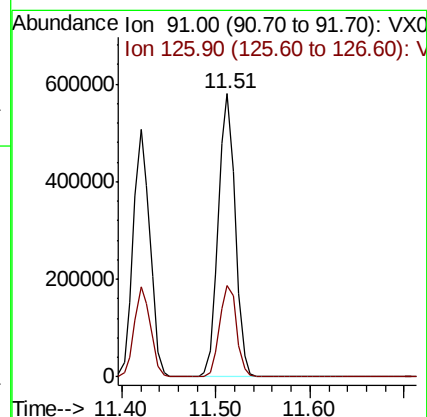
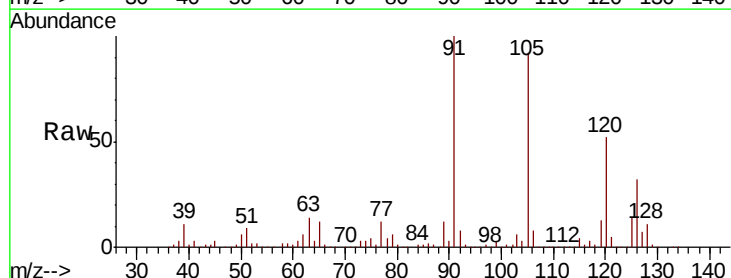
Acq: 17 Aug 2018 08:27

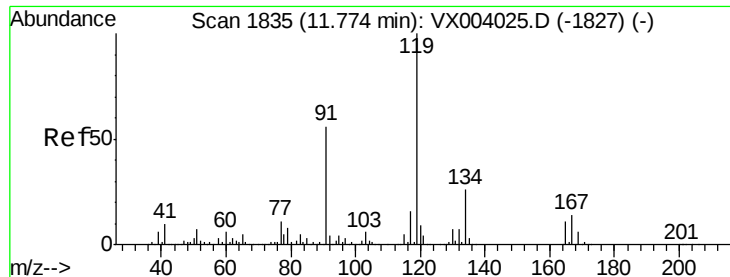
Tgt Ion: 91 Resp: 724014

Ion Ratio Lower Upper

91 100

126 32.4 15.6 46.7

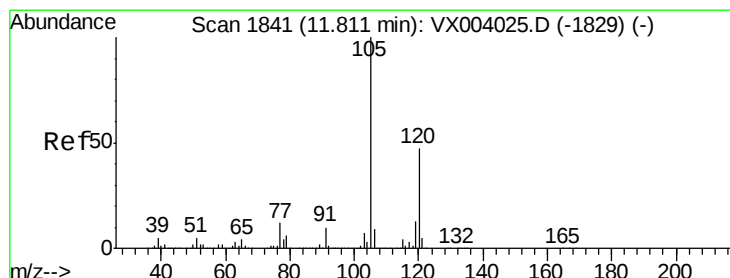
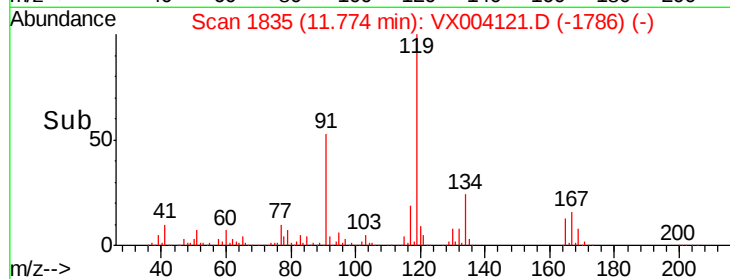
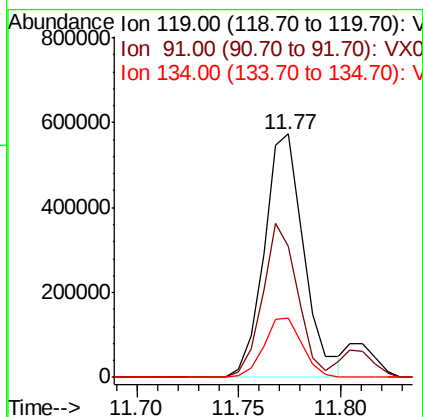
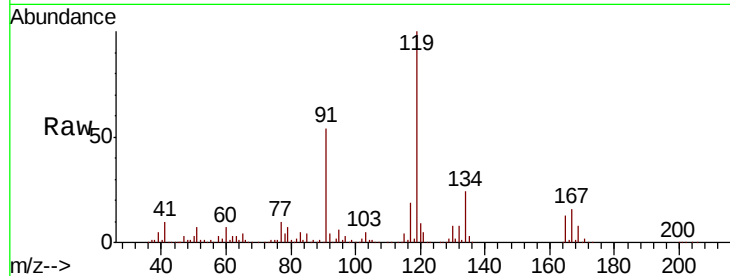




#83
 tert-Butylbenzene
 Concen: 51.38 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

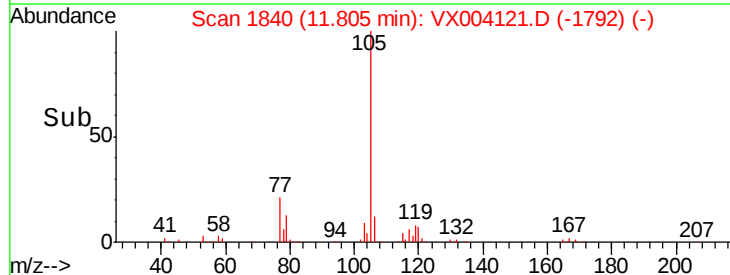
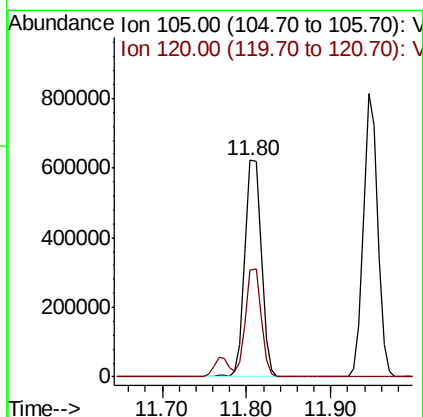
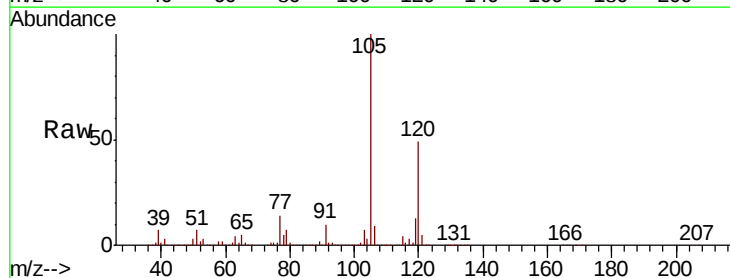
Instrument :
 MSVOA_X
 ClientSampleId :

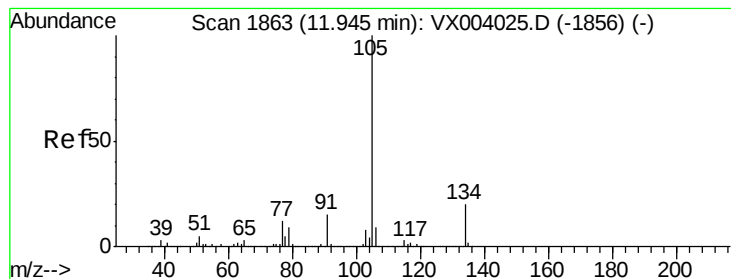
Tot Ion:119 Resp: 775902
 Ion Ratio Lower Upper
 119 100
 91 55.9 26.9 80.7
 134 23.7 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.17 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion:105 Resp: 809305
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.55 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

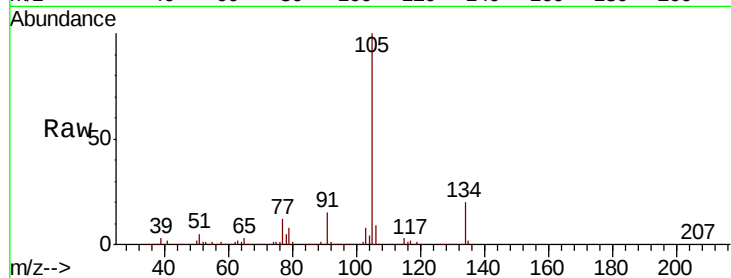
ClientSampleId :

Tot Ion:105 Resp: 964293

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

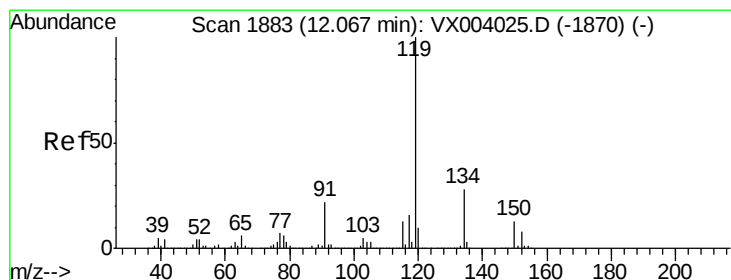
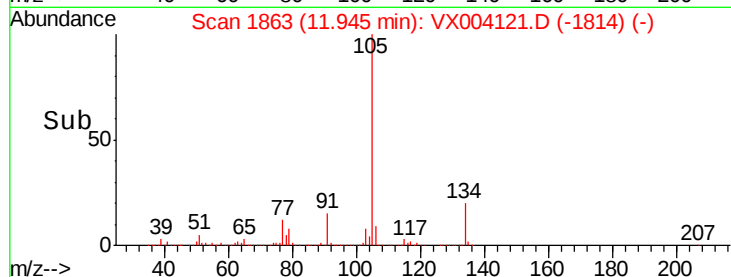
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

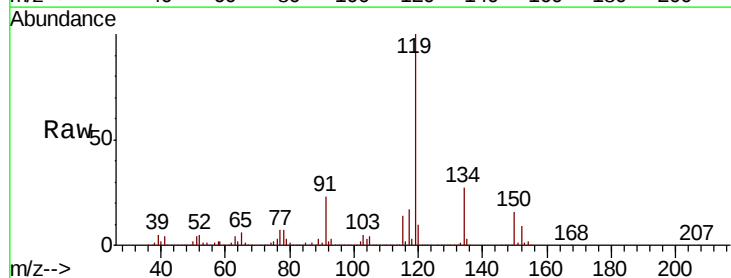
Tgt Ion:119 Resp: 839980

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.5 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

800000

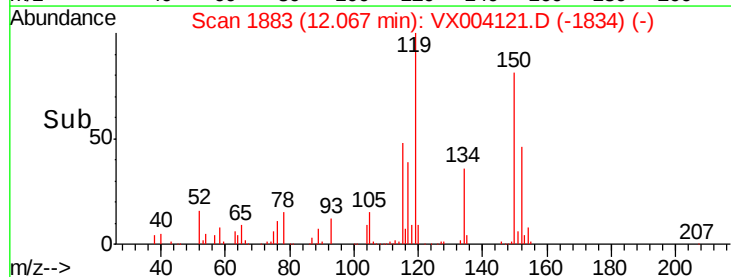
600000

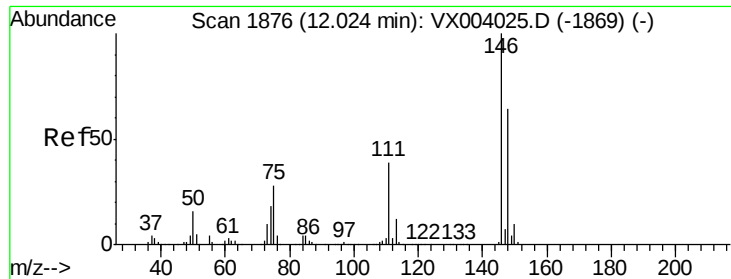
400000

200000

0

Time-->

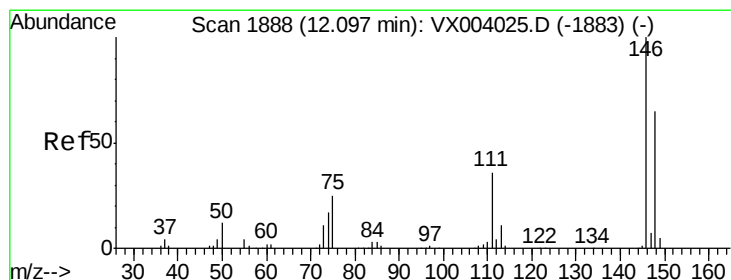
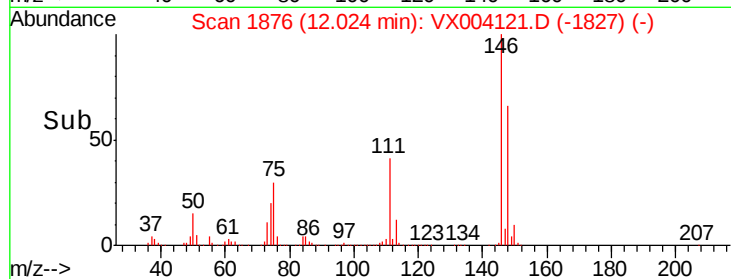
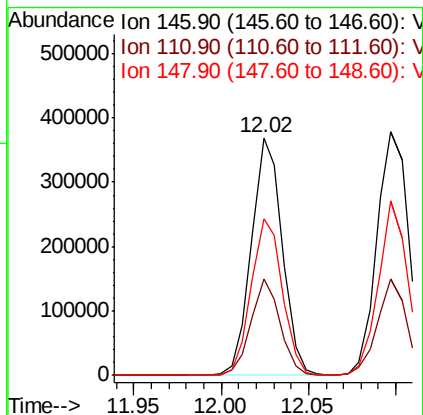
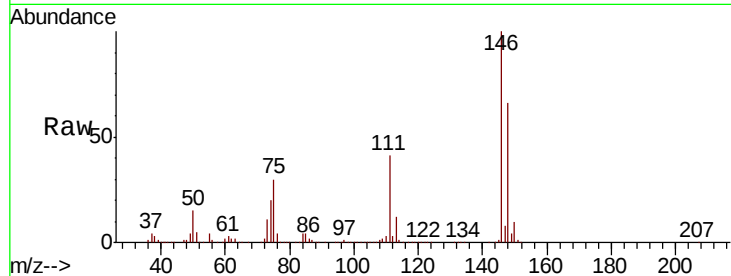




#87
 1,3-Dichlorobenzene
 Concen: 47.00 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

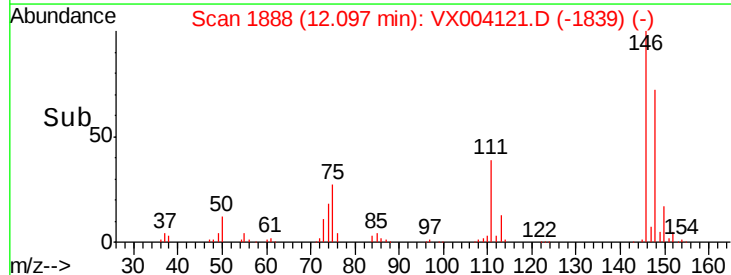
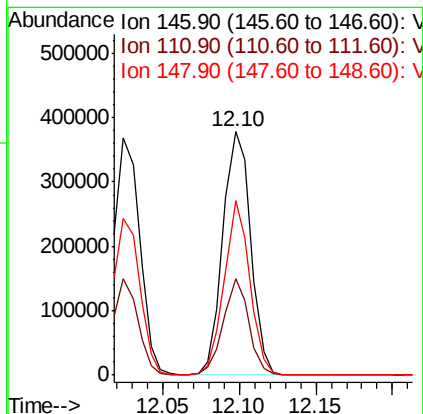
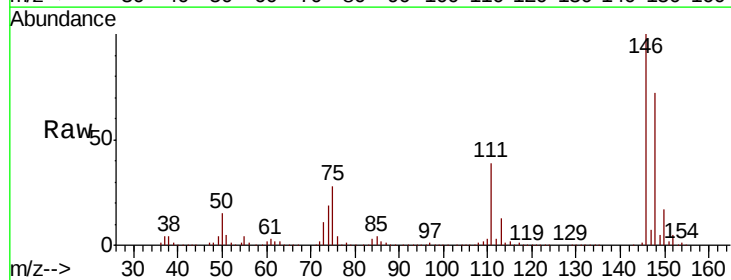
Instrument :
 MSVOA_X
 ClientSampleId :

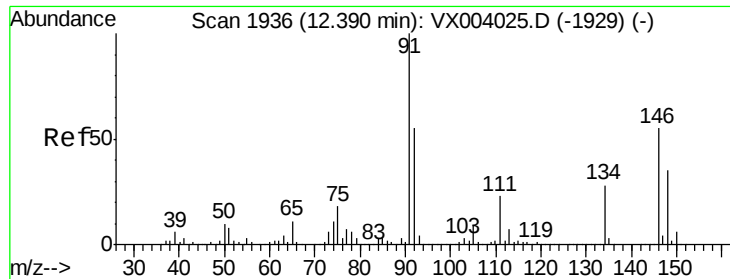
Tot Ion:146 Resp: 452084
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.4
 148 66.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.27 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion:146 Resp: 477792
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.0
 148 65.6 32.3 96.8





#89

n-Butylbenzene

Concen: 57.89 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004121.D

Acq: 17 Aug 2018 08:27

Instrument :

MSVOA_X

ClientSampled :

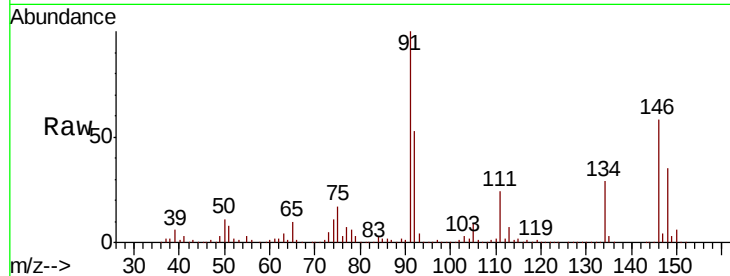
Tot Ion: 91 Resp: 729935

Ion Ratio Lower Upper

91 100

92 55.2 27.1 81.3

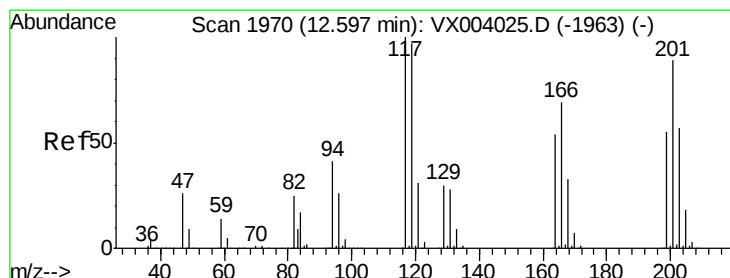
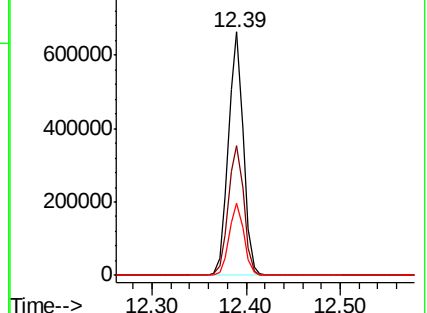
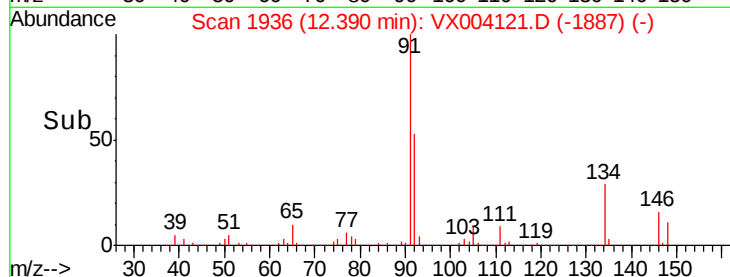
134 29.1 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004121.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX004121.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX004121.D (-1887) (-)



#90

Hexachloroethane

Concen: 52.74 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004121.D

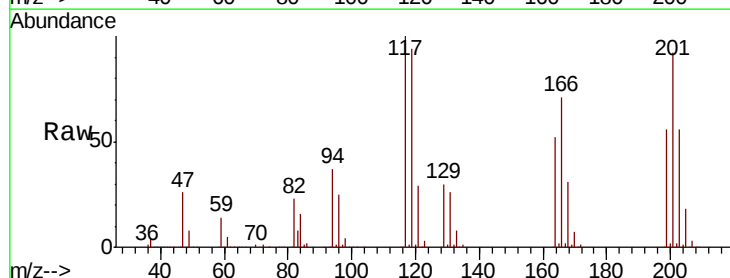
Acq: 17 Aug 2018 08:27

Tgt Ion: 117 Resp: 126282

Ion Ratio Lower Upper

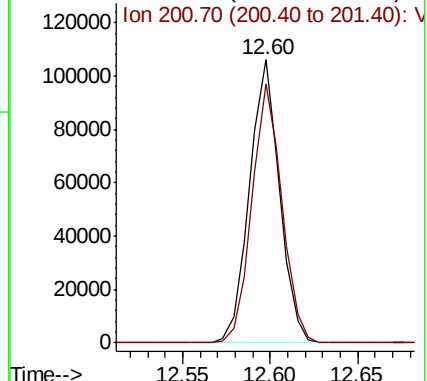
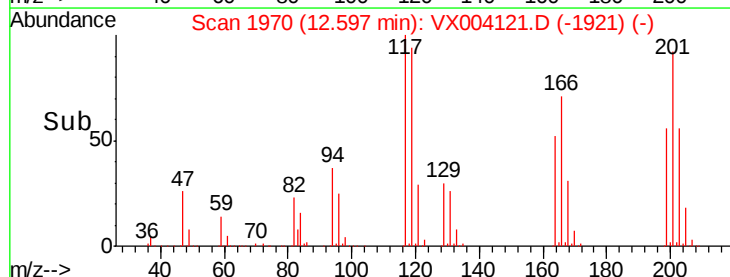
117 100

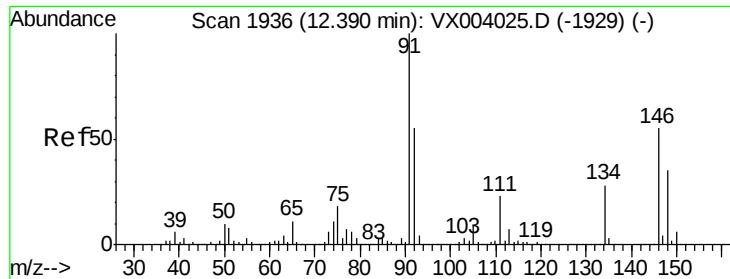
201 91.0 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX004121.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX004121.D (-1921) (-)

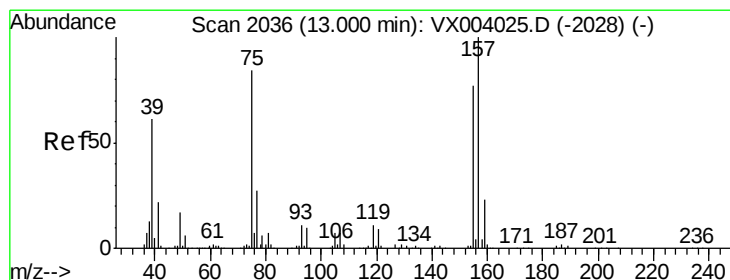
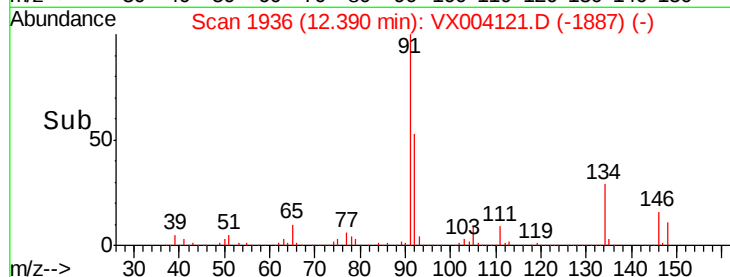
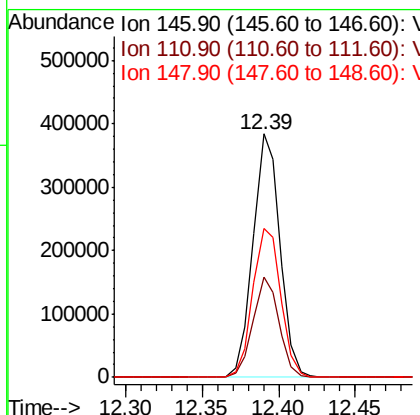
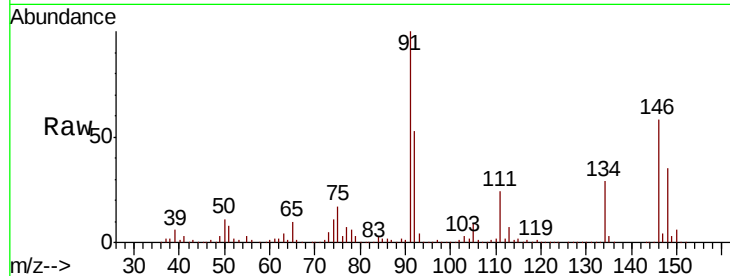




#91
 1,2-Dichlorobenzene
 Concen: 54.31 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

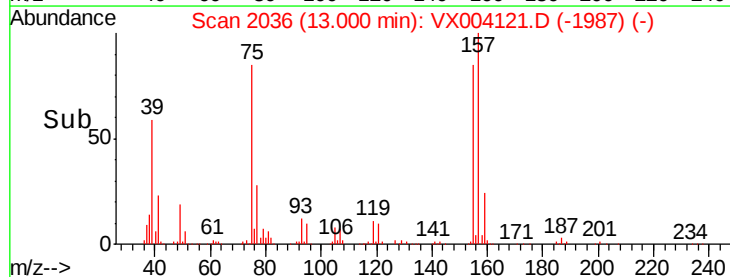
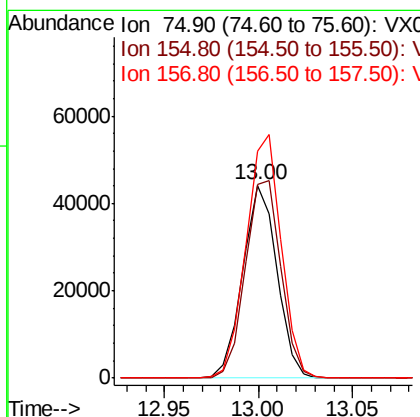
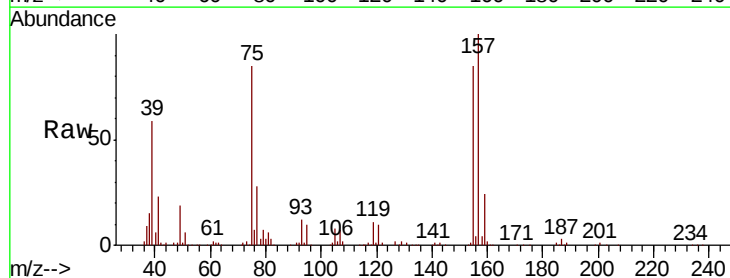
Instrument :
 MSVOA_X
 ClientSampled :

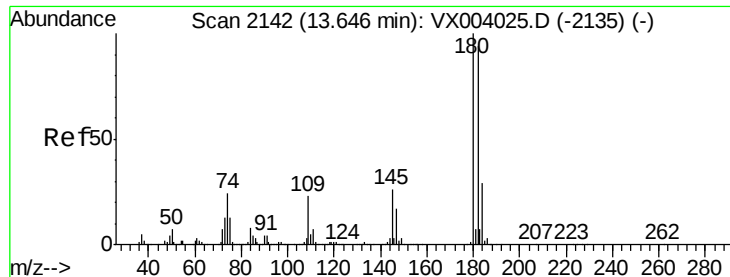
Tot Ion:146 Resp: 471060
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.0
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.72 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion: 75 Resp: 55819
 Ion Ratio Lower Upper
 75 100
 155 106.2 48.7 146.1
 157 128.7 62.6 187.8

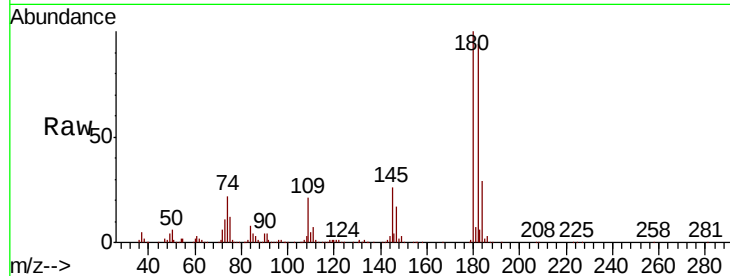




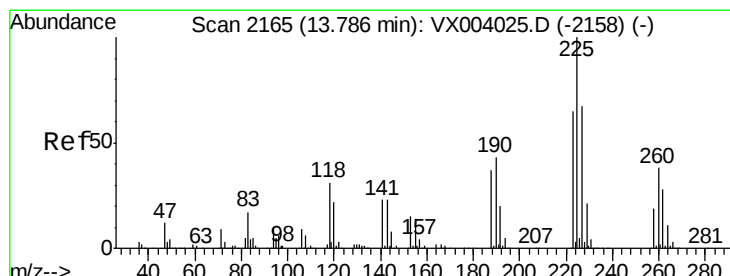
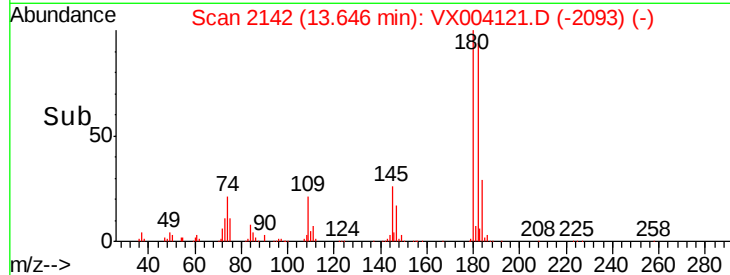
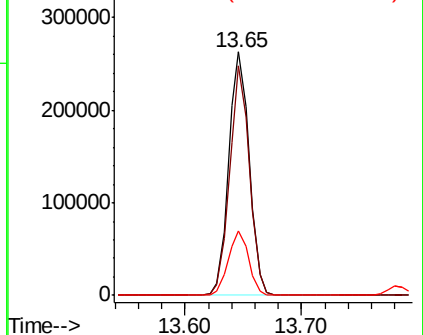
#93
 1,2,4-Trichlorobenzene
 Concen: 54.00 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.7	143.1
145	26.3	13.9	41.6

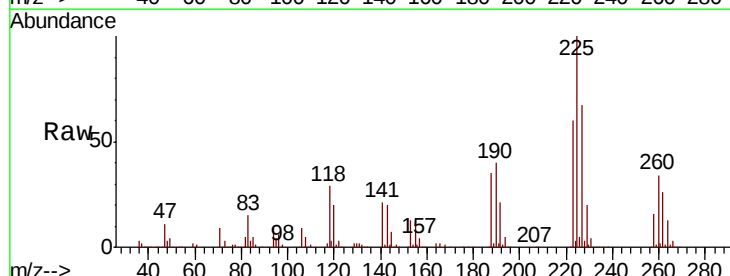


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

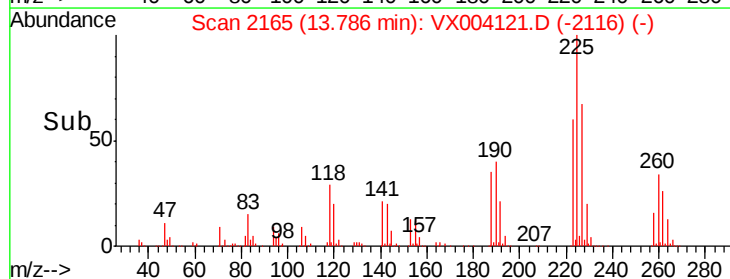
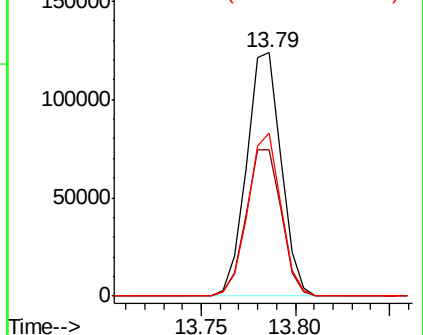


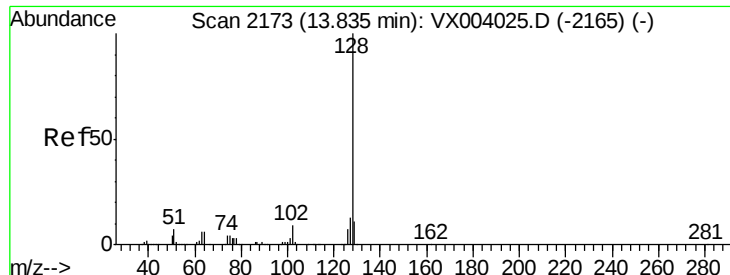
#94
 Hexachlorobutadiene
 Concen: 53.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004121.D
 Acq: 17 Aug 2018 08:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.4	94.0
227	63.9	32.1	96.5



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

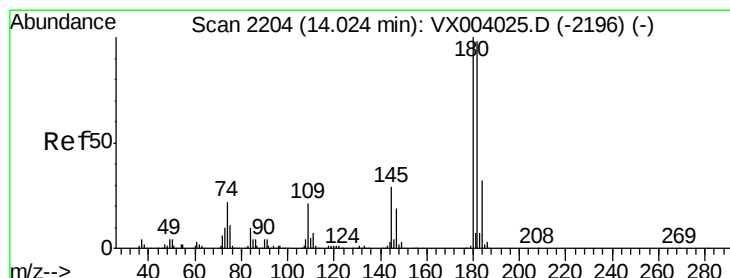
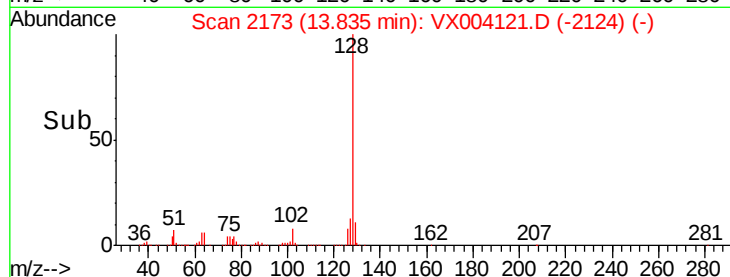
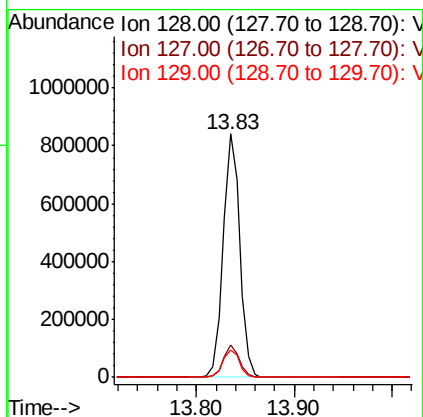
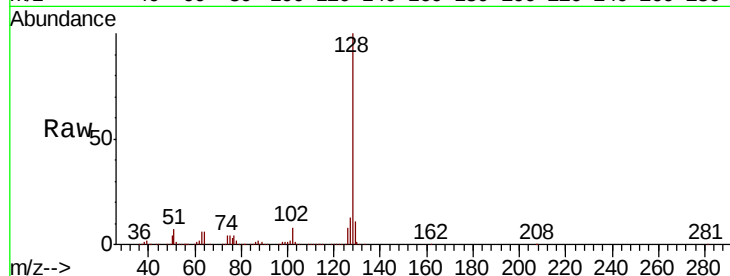




#95
Naphthalene
Concen: 52.15 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 986604
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.72 ug/l
RT: 14.02 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VX004121.D
Acq: 17 Aug 2018 08:27

Tgt Ion:180 Resp: 353778
Ion Ratio Lower Upper
180 100
182 92.4 48.1 144.4
145 29.1 14.9 44.7

