

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002650.D
 Acq On : 16 Jun 2018 16:00
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 06:14:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191143	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	158927	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
35) Dibromofluoromethane	5.51	113	127722	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
50) Toluene-d8	8.72	98	460907	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	178842	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	75504	36.94	ug/l	98
3) Chloromethane	1.32	50	109605	45.08	ug/l	100
4) Vinyl Chloride	1.41	62	115220	45.67	ug/l	100
5) Bromomethane	1.64	94	62976	41.37	ug/l	99
6) Chloroethane	1.71	64	89579	53.87	ug/l	97
7) Trichlorofluoromethane	1.93	101	180839	44.12	ug/l	99
8) Diethyl Ether	2.19	74	84350	54.11	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90718	39.60	ug/l	100
10) Methyl Iodide	2.51	142	112654	37.84	ug/l	99
11) Tert butyl alcohol	3.09	59	171804	284.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101145	47.02	ug/l	98
13) Acrolein	2.30	56	66902	236.36	ug/l	98
14) Allyl chloride	2.73	41	208884	48.91	ug/l	99
15) Acrylonitrile	3.15	53	374555	283.82	ug/l	100
16) Acetone	2.45	43	354592	274.73	ug/l	100
17) Carbon Disulfide	2.57	76	265527	52.05	ug/l	99
18) Methyl Acetate	2.78	43	196684	57.20	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	446576	55.34	ug/l	100
20) Methylene Chloride	2.86	84	131153	49.56	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	119864	51.36	ug/l	97
22) Diisopropyl ether	3.88	45	412671	53.41	ug/l	99
23) Vinyl Acetate	3.83	43	1767857	273.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	214205	51.07	ug/l	100
25) 2-Butanone	4.71	43	485269	286.30	ug/l	98
26) 2,2-Dichloropropane	4.59	77	80816	26.82	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	128292	54.03	ug/l	89
28) Bromochloromethane	5.03	49	112474	57.27	ug/l	96
29) Tetrahydrofuran	5.17	42	319325	287.46	ug/l	98
30) Chloroform	5.22	83	225451	55.75	ug/l	98
31) Cyclohexane	5.57	56	145063	42.01	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	181040	53.52	ug/l	99
36) 1,1-Dichloropropene	5.81	75	143537	44.50	ug/l	98
37) Ethyl Acetate	4.87	43	192066	52.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	154311	48.04	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137569	36.48	ug/l	96
40) Benzene	6.15	78	479716	49.60	ug/l	100
41) Methacrylonitrile	5.07	41	109172	52.96	ug/l	98
42) 1,2-Dichloroethane	6.20	62	192396	51.38	ug/l	99
43) Isopropyl Acetate	6.47	43	313032	51.75	ug/l	99
44) Trichloroethene	7.22	130	134300	48.11	ug/l	95
45) 1,2-Dichloropropane	7.52	63	128907	50.64	ug/l	98
46) Dibromomethane	7.67	93	90938	53.40	ug/l	98
47) Bromodichloromethane	7.90	83	165934	55.25	ug/l	98
48) Methyl methacrylate	7.78	41	163209	52.80	ug/l	98
49) 1,4-Dioxane	7.76	88	65871	1125.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1042295	268.36	ug/l	99
52) Toluene	8.79	92	307066	49.77	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	176077	44.56	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	162358	43.27	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	131109	52.59	ug/l	98
56) Ethyl methacrylate	9.18	69	205365	53.53	ug/l	98
57) 1,3-Dichloropropane	9.38	76	216375	51.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	487321	262.61	ug/l	99
59) 2-Hexanone	9.50	43	792642	270.83	ug/l	98
60) Dibromochloromethane	9.59	129	136234	48.68	ug/l	99
61) 1,2-Dibromoethane	9.68	107	141246	54.70	ug/l	100
64) Tetrachloroethene	9.34	164	143097	43.38	ug/l	99
65) Chlorobenzene	10.14	112	367489	50.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	134372	54.01	ug/l	99
67) Ethyl Benzene	10.26	91	599272	48.68	ug/l	99
68) m/p-Xylenes	10.36	106	464959	97.92	ug/l	100
69) o-Xylene	10.70	106	233473	50.05	ug/l	98
70) Styrene	10.71	104	397488	51.81	ug/l	99
71) Bromoform	10.86	173	107023	47.51	ug/l	98
73) Isopropylbenzene	11.02	105	603559	47.21	ug/l	100
74) N-amyl acetate	6.47	43	313032	49.28	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203618	53.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	210513	58.36	ug/l	79
77) Bromobenzene	11.26	156	180097	50.57	ug/l	97
78) n-propylbenzene	11.37	91	678797	46.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	422290	48.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	521789	48.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36096	33.53	ug/l	96
82) 4-Chlorotoluene	11.51	91	502182	48.62	ug/l	99
83) tert-Butylbenzene	11.77	119	503263	48.35	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	542940	49.25	ug/l	99
85) sec-Butylbenzene	11.95	105	591414	45.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	539598	46.08	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	319855	48.97	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326049	49.06	ug/l	99
89) n-Butylbenzene	12.39	91	449656	43.53	ug/l	99
90) Hexachloroethane	12.60	117	79072	43.67	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	344252	52.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45914	58.06	ug/l	97

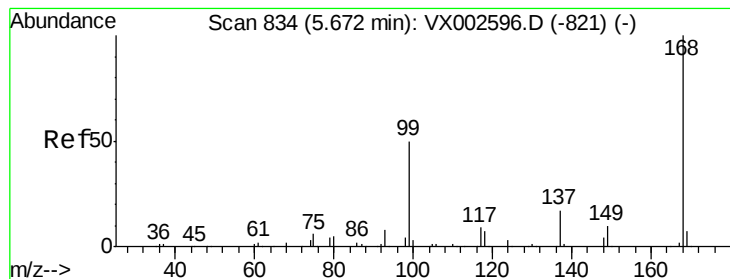
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234508	49.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	102880	40.94	ug/l	99
95) Naphthalene	13.84	128	702767	54.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	245747	51.29	ug/l	100

(#) = 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. -0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

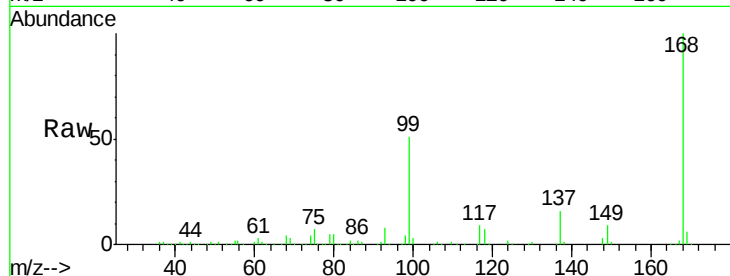
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 192511

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9

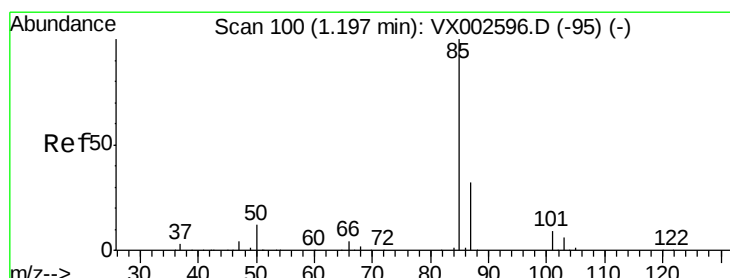
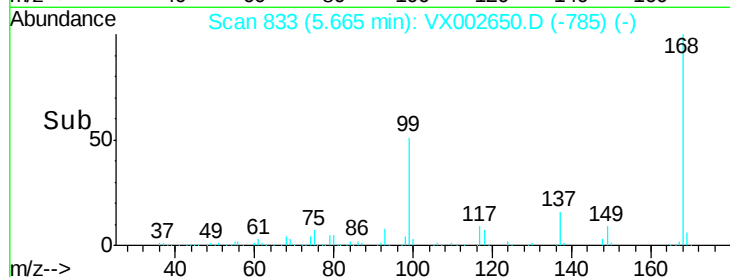


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 36.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002650.D

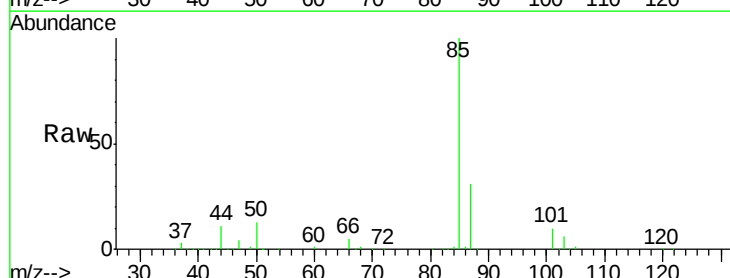
Acq: 16 Jun 2018 16:00

Tgt Ion: 85 Resp: 75504

Ion Ratio Lower Upper

85 100

87 31.0 16.0 47.9

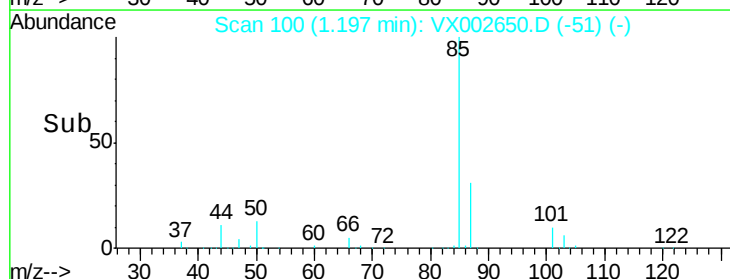


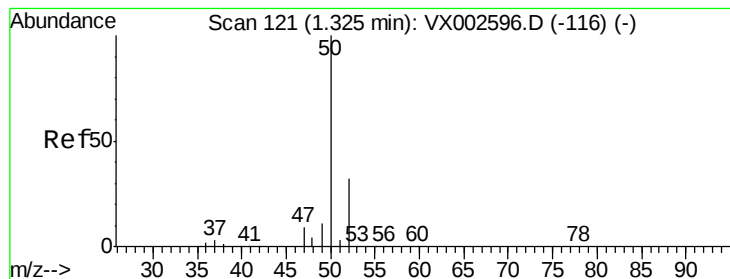
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 45.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

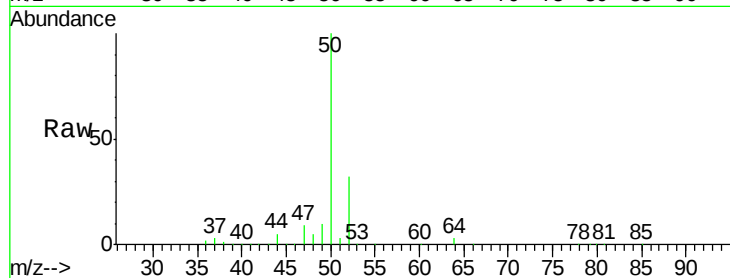
ClientSampleId :

Tot Ion: 50 Resp: 109605

Ion Ratio Lower Upper

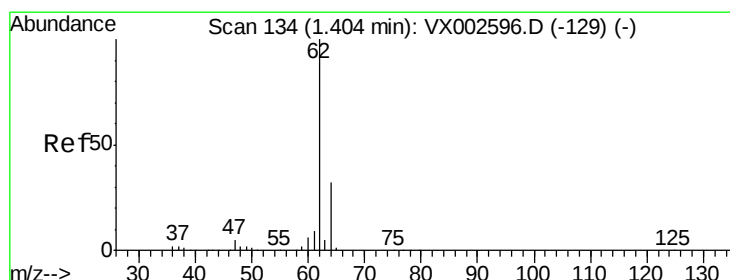
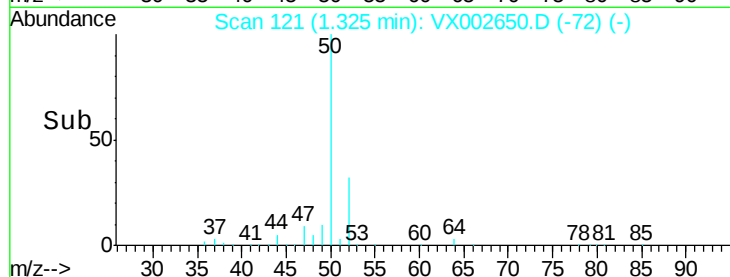
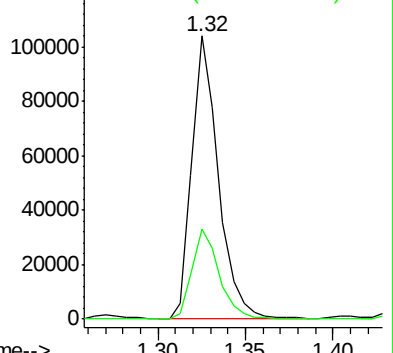
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.67 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002650.D

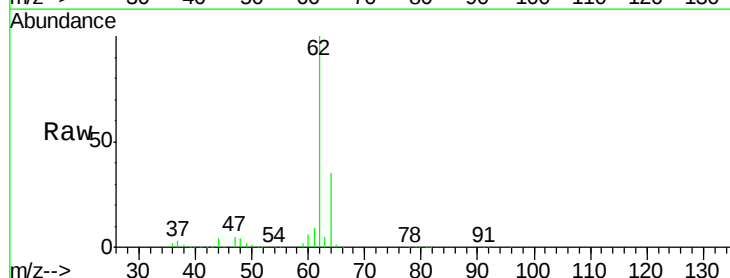
Acq: 16 Jun 2018 16:00

Tgt Ion: 62 Resp: 115220

Ion Ratio Lower Upper

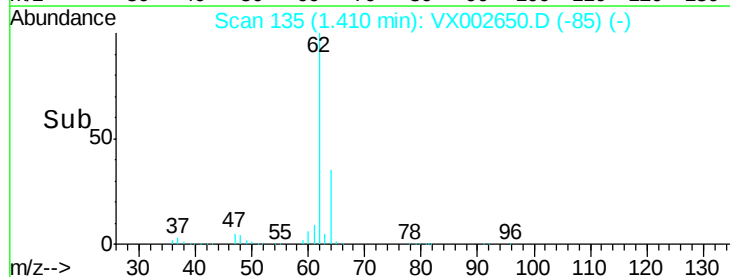
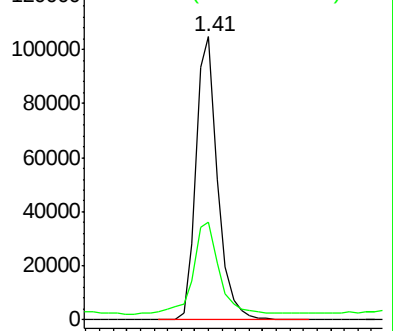
62 100

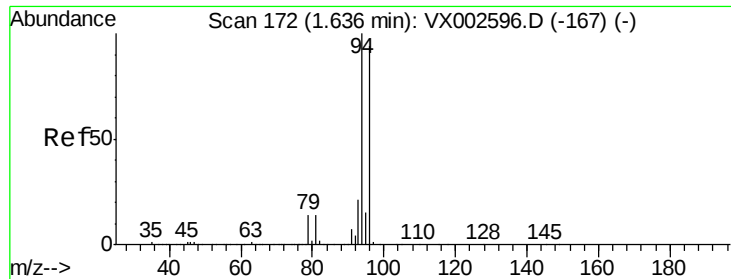
64 32.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

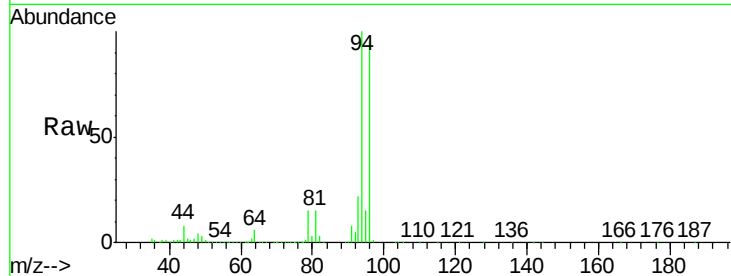
ClientSampleId :

Tot Ion: 94 Resp: 62976

Ion Ratio Lower Upper

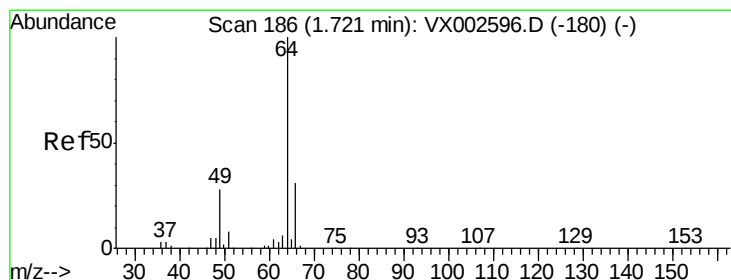
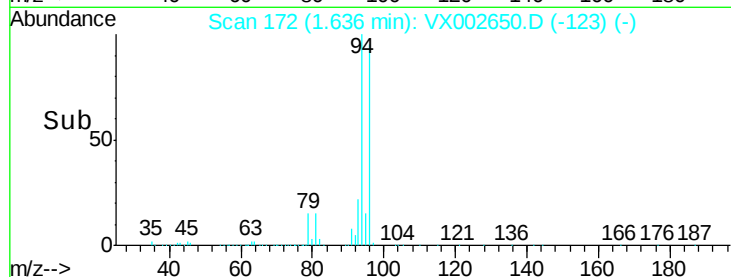
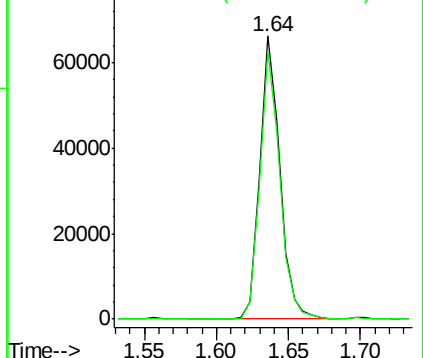
94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.87 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002650.D

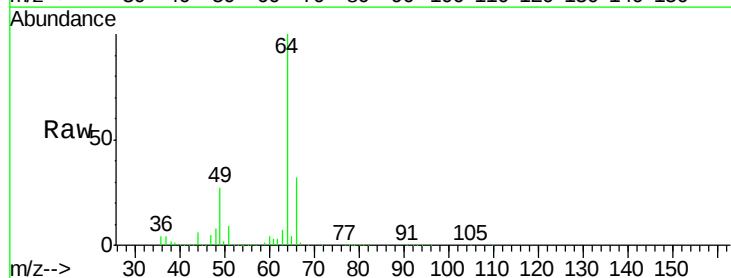
Acq: 16 Jun 2018 16:00

Tgt Ion: 64 Resp: 89579

Ion Ratio Lower Upper

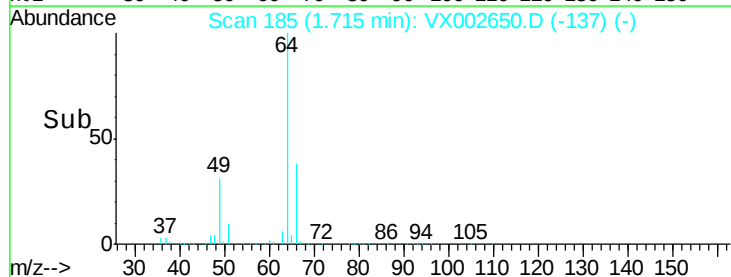
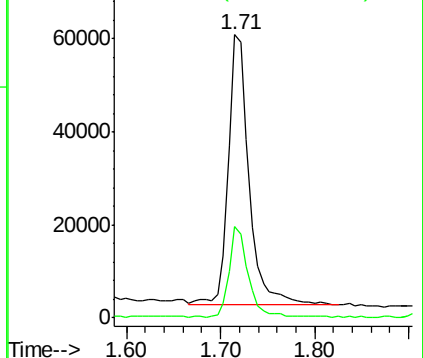
64 100

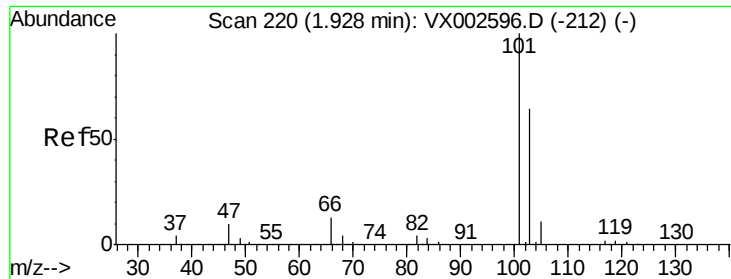
66 33.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



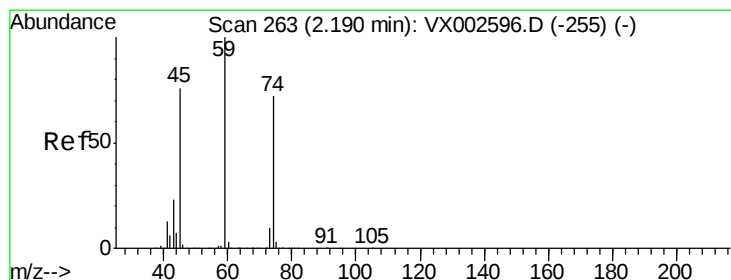
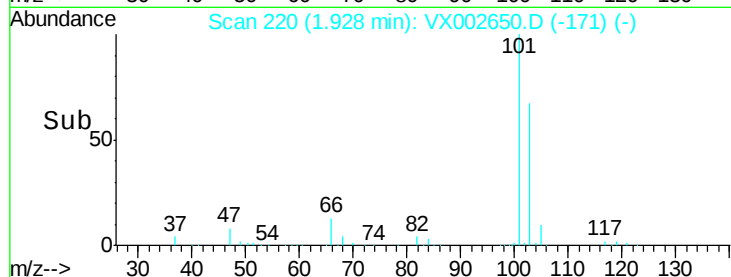
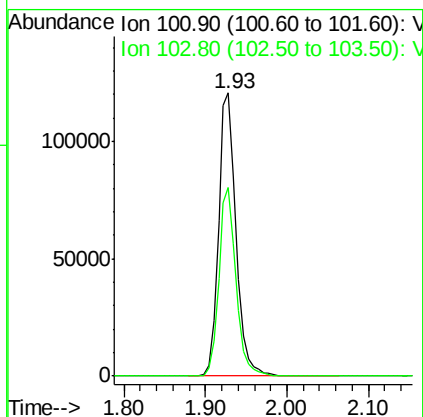
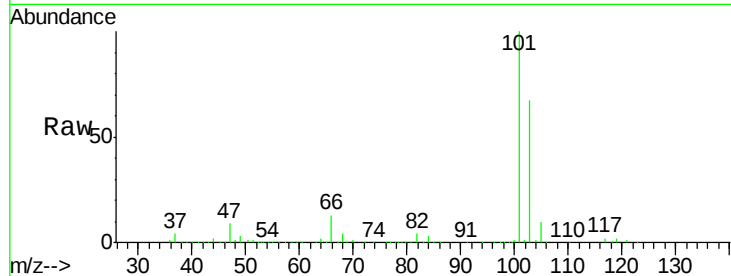


#7

Trichlorofluoromethane
Concen: 44.12 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :

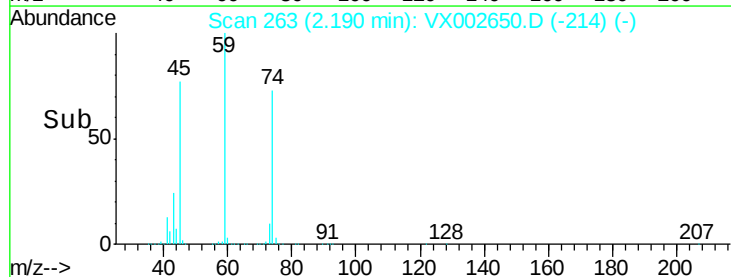
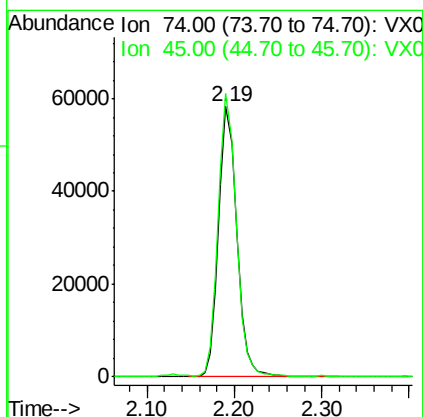
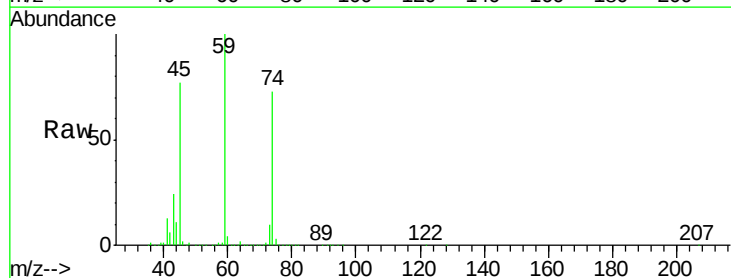
Tot Ion:101 Resp: 180839
Ion Ratio Lower Upper
101 100
103 66.7 52.8 79.2

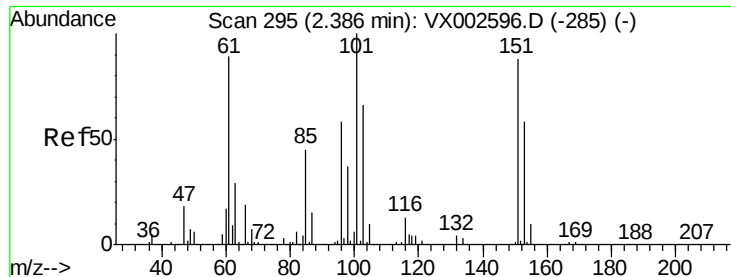


#8

Diethyl Ether
Concen: 54.11 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 74 Resp: 84350
Ion Ratio Lower Upper
74 100
45 103.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.60 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

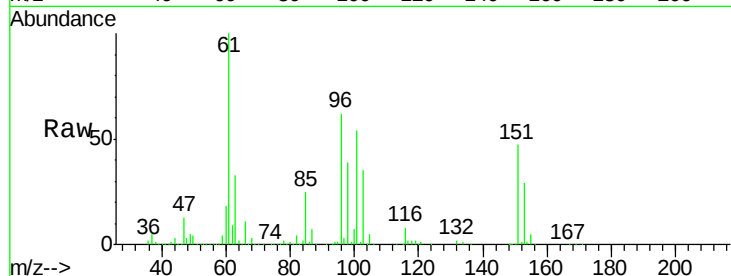
Tot Ion:101 Resp: 90718

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

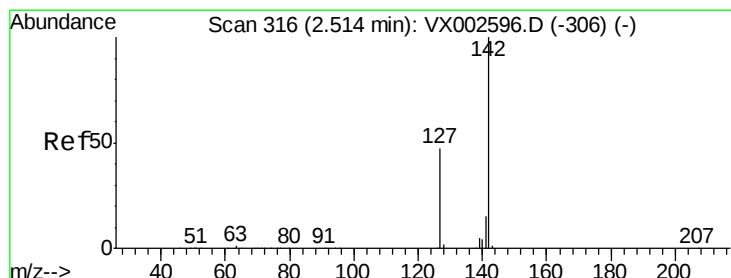
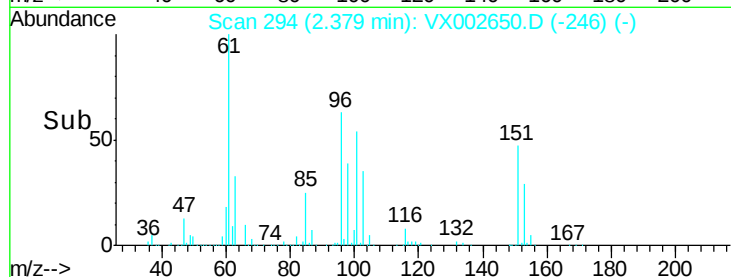
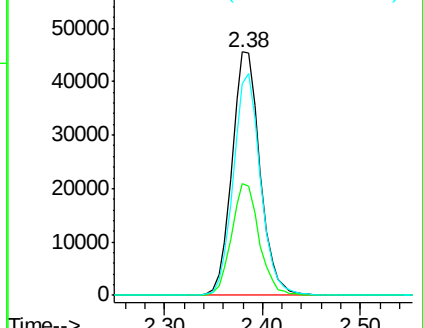
151 88.2 70.9 106.3



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: 37.84 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

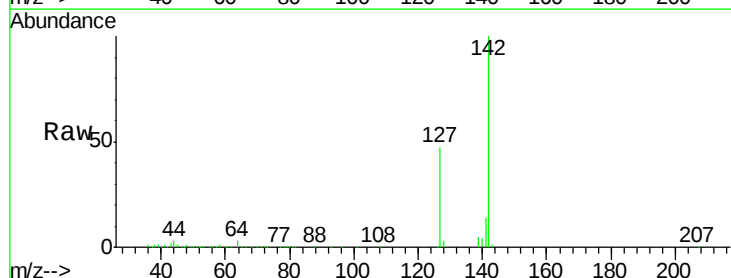
Tgt Ion:142 Resp: 112654

Ion Ratio Lower Upper

142 100

127 46.3 36.6 55.0

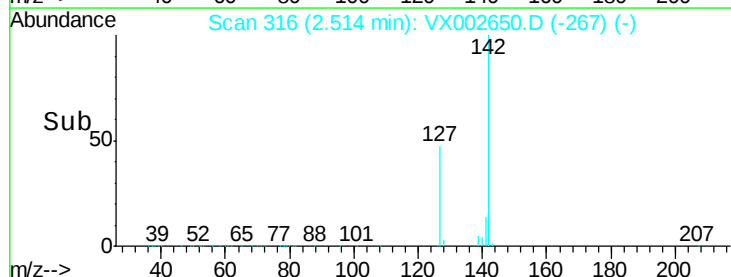
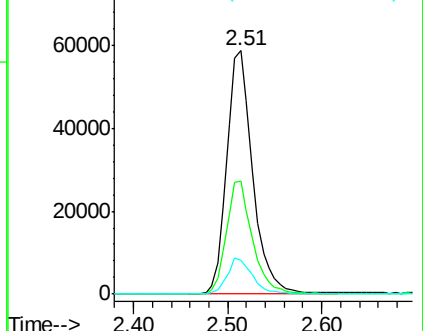
141 14.4 11.3 16.9

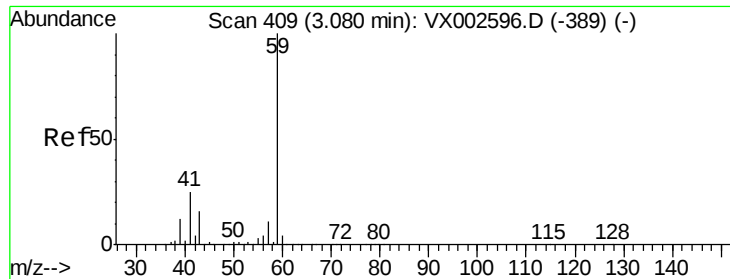


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

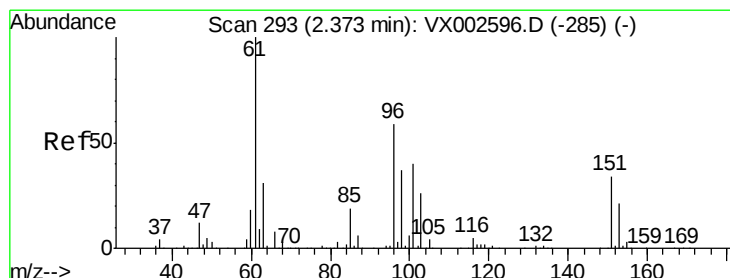
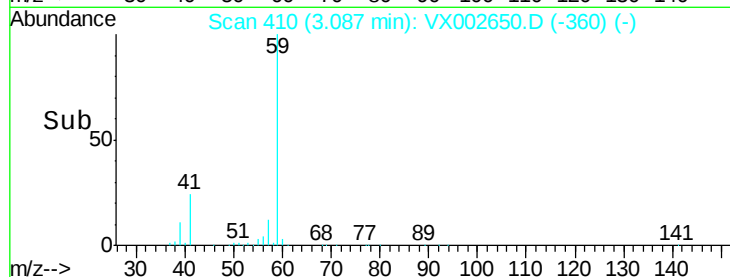
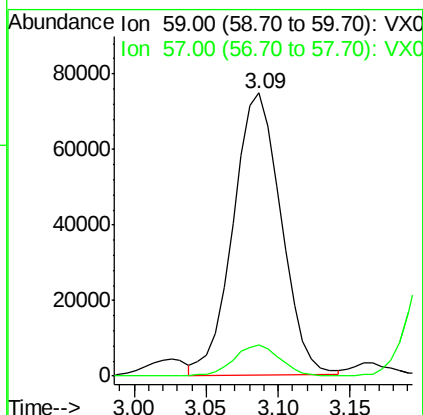
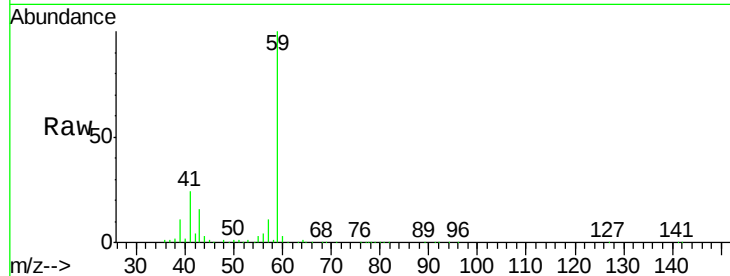




#11
Tert butyl alcohol
Concen: 284.08 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

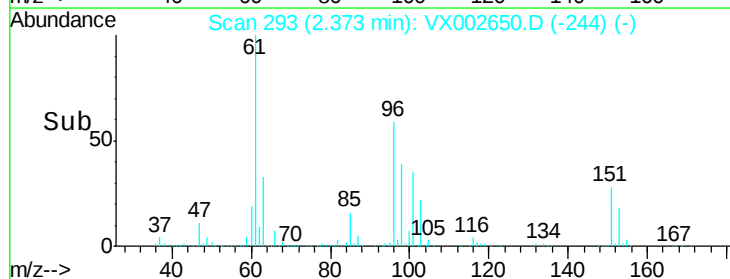
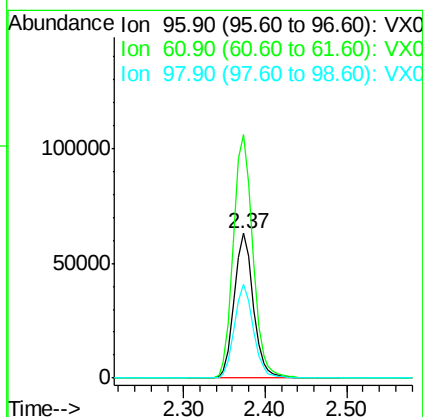
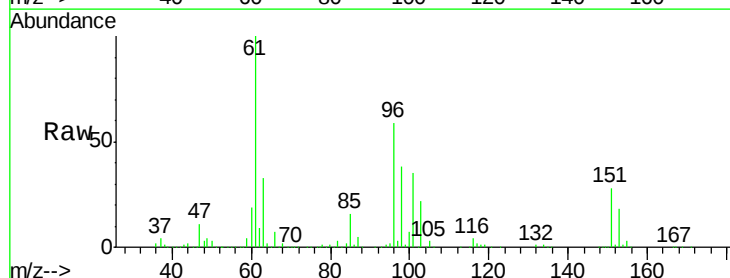
Instrument :
MSVOA_X
ClientSampled :

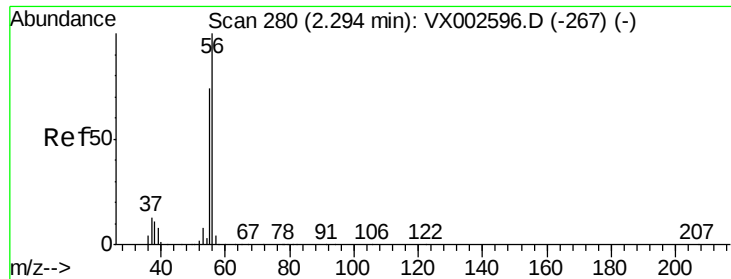
Tot Ion: 59 Resp: 171804
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.02 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 96 Resp: 101145
Ion Ratio Lower Upper
96 100
61 168.4 137.9 206.9
98 64.8 51.6 77.4





#13

Acrolein

Concen: 236.36 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

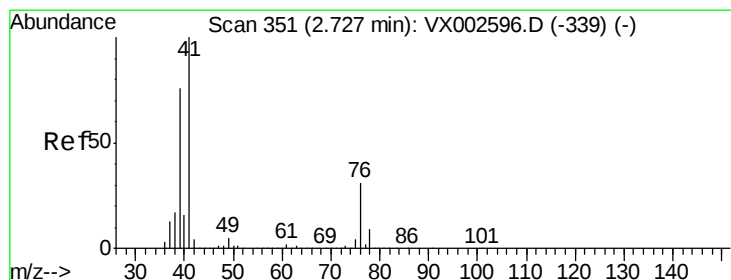
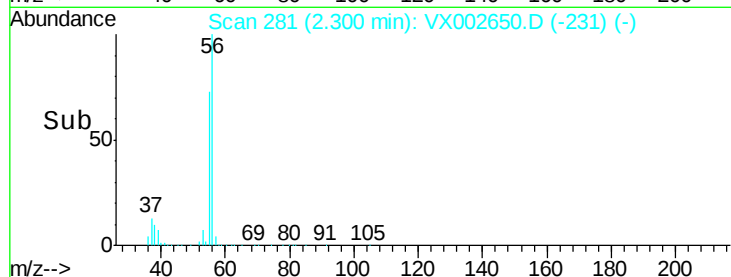
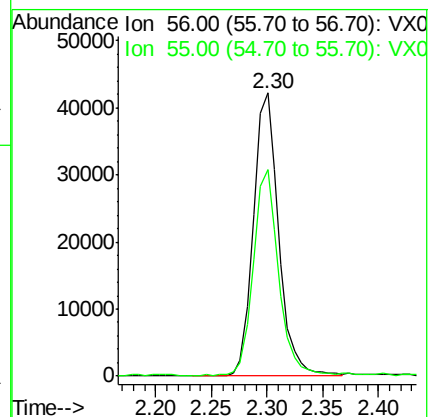
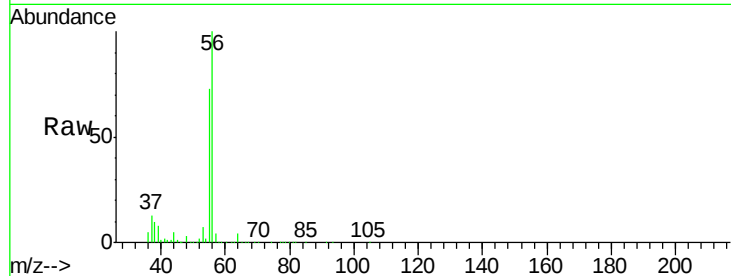
ClientSampleId :

Tot Ion: 56 Resp: 66902

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.4



#14

Allyl chloride

Concen: 48.91 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

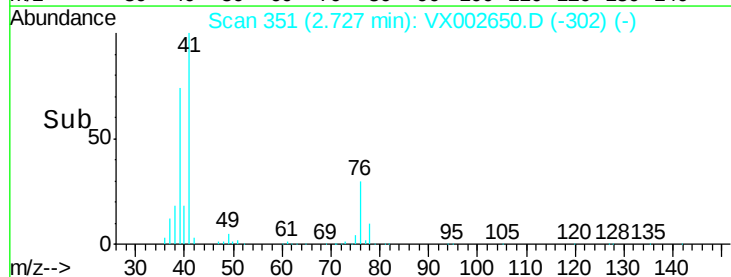
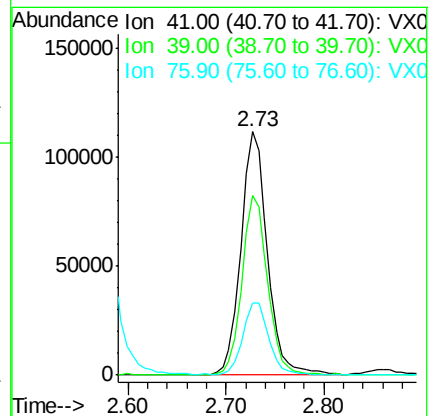
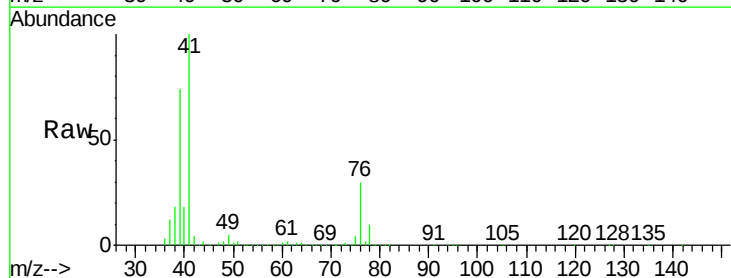
Tgt Ion: 41 Resp: 208884

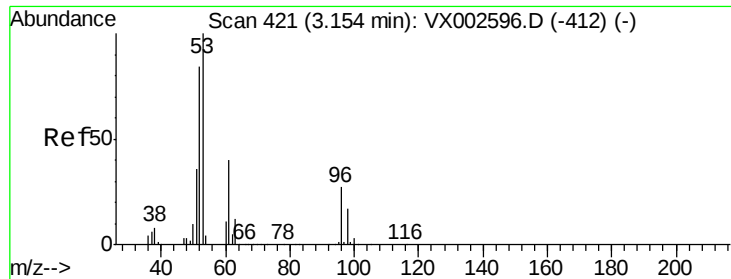
Ion Ratio Lower Upper

41 100

39 71.4 56.8 85.2

76 29.1 23.8 35.8





#15

Acrylonitrile

Concen: 283.82 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

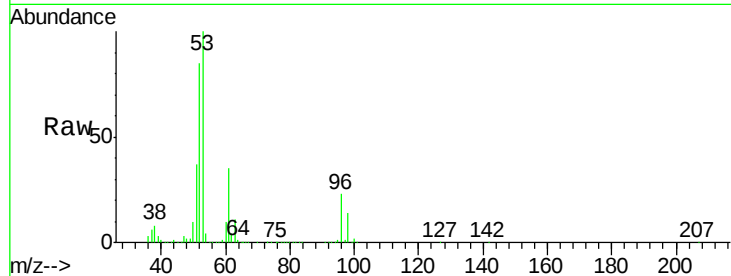
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 374555

Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	37.8	29.9	44.9

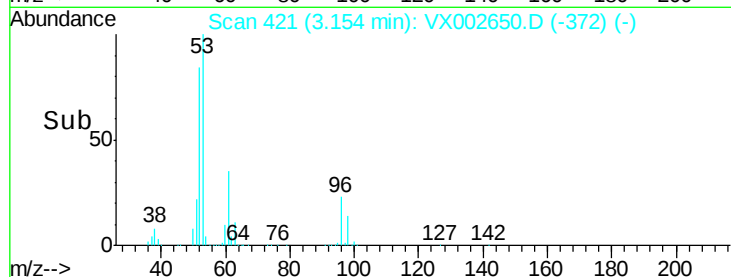


Abundance

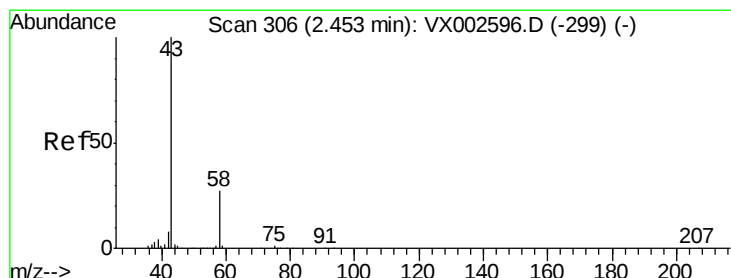
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 274.73 ug/l

RT: 2.45 min Scan# 306

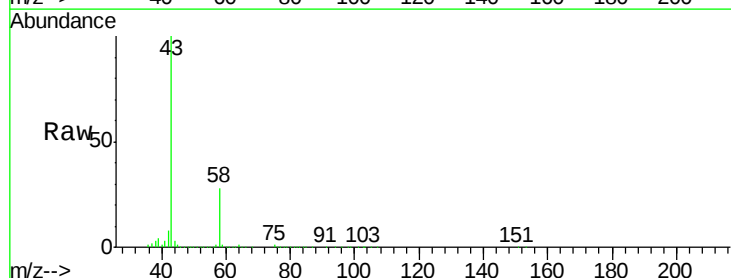
Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Tgt Ion: 43 Resp: 354592

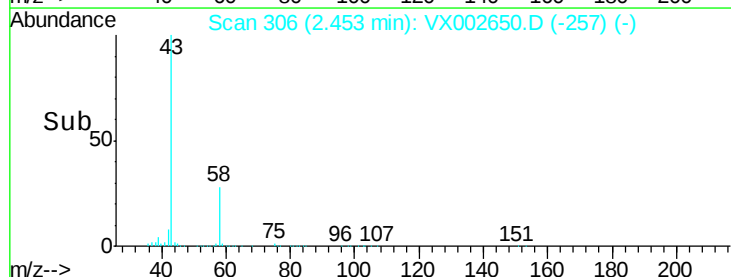
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1



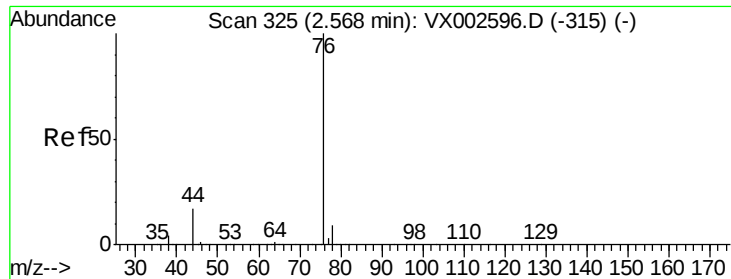
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



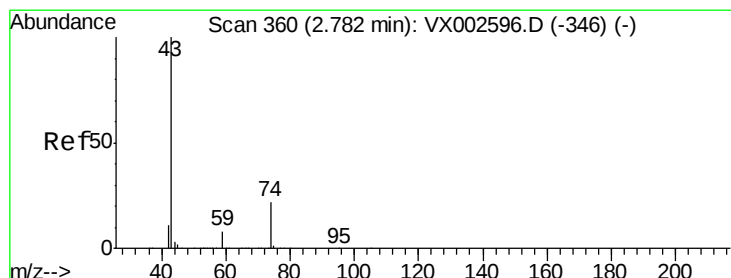
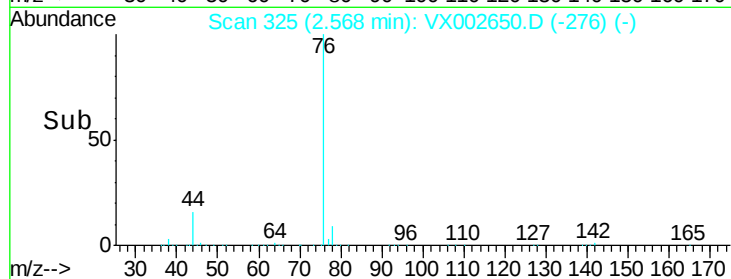
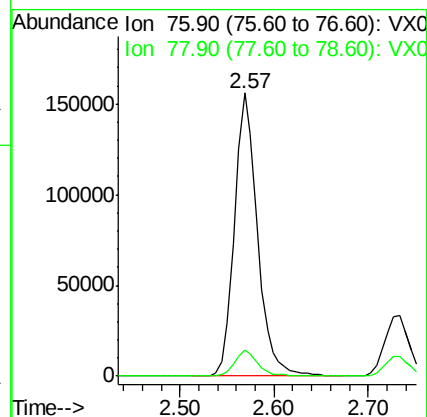
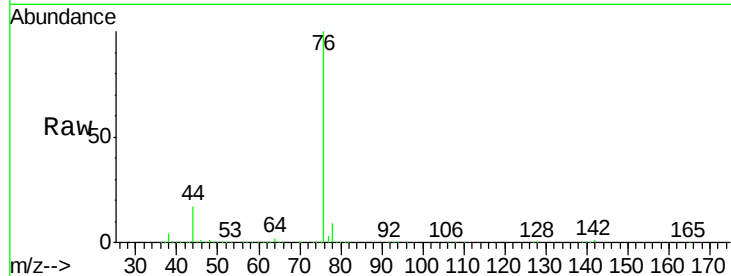
Time-->



#17
Carbon Disulfide
Concen: 52.05 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

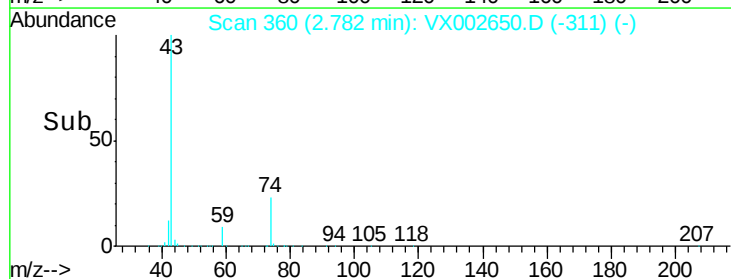
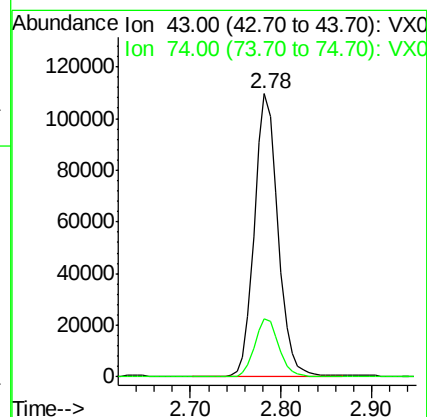
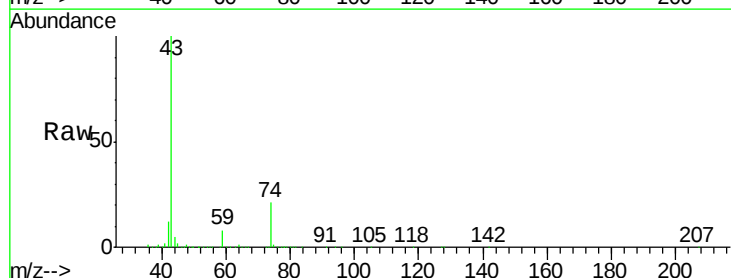
Instrument :
MSVOA_X
ClientSampleId :

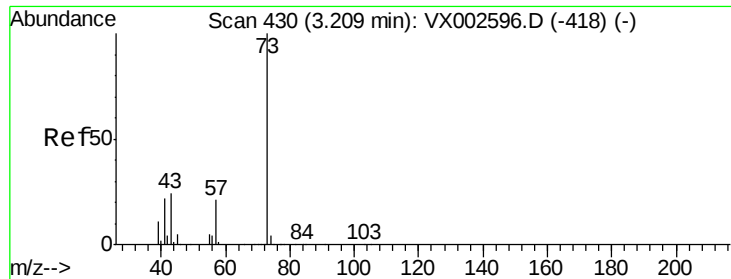
Tot Ion: 76 Resp: 265527
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 57.20 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 43 Resp: 196684
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



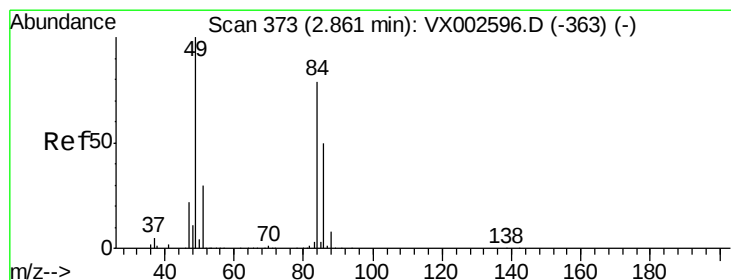
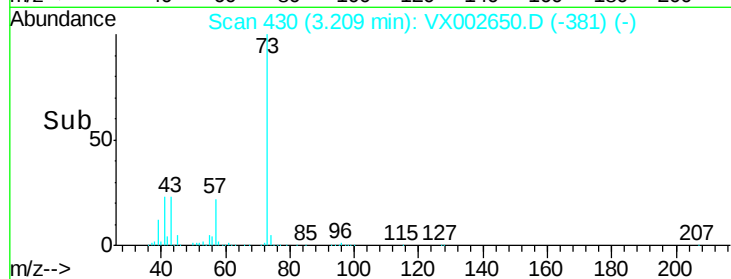
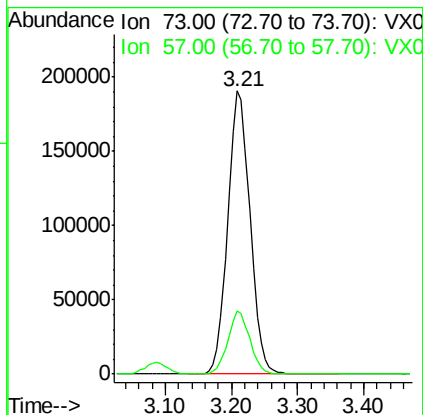
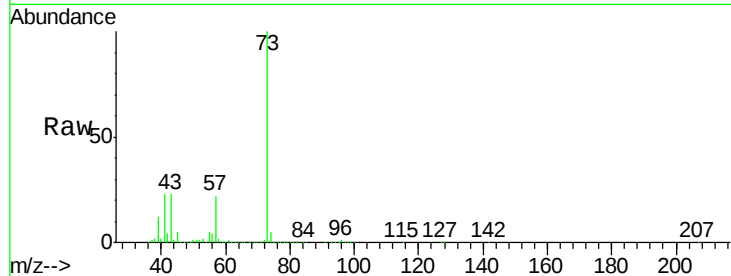


#19

Methyl tert-butyl Ether
 Concen: 55.34 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :

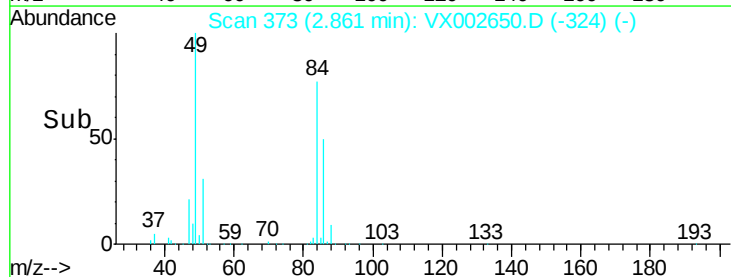
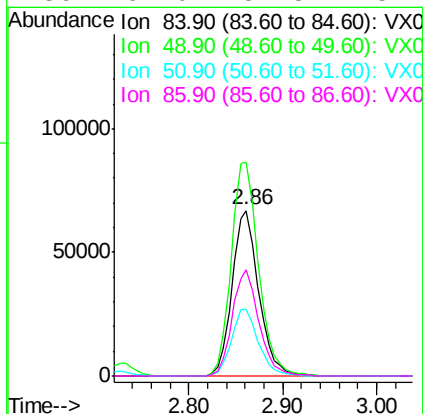
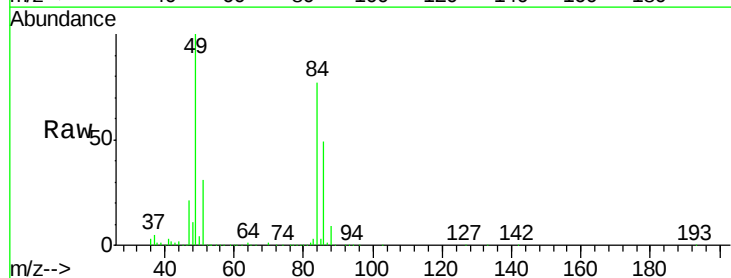
Tot Ion: 73 Resp: 446576
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.7 26.5

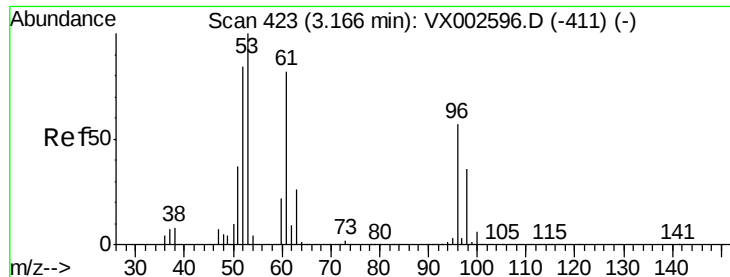


#20

Methylene Chloride
 Concen: 49.56 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion: 84 Resp: 131153
 Ion Ratio Lower Upper
 84 100
 49 129.1 107.8 161.6
 51 39.8 32.8 49.2
 86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :

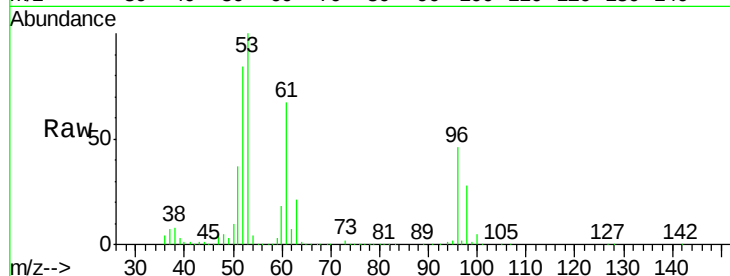
Tot Ion: 96 Resp: 119864

Ion Ratio Lower Upper

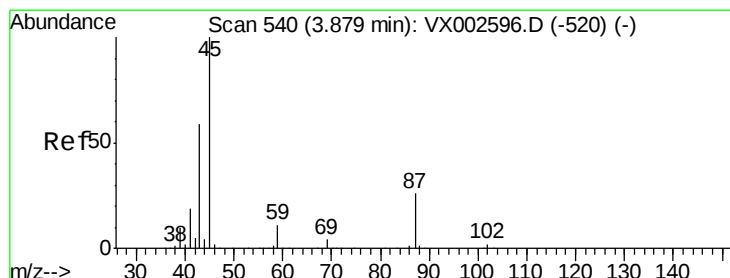
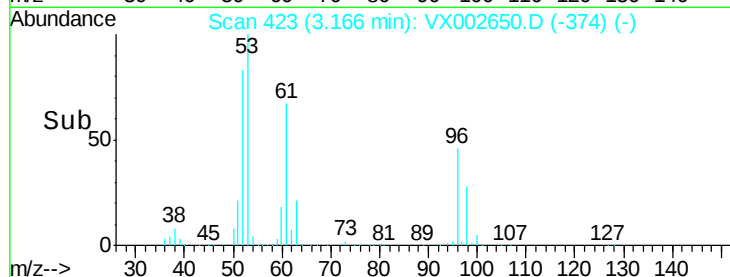
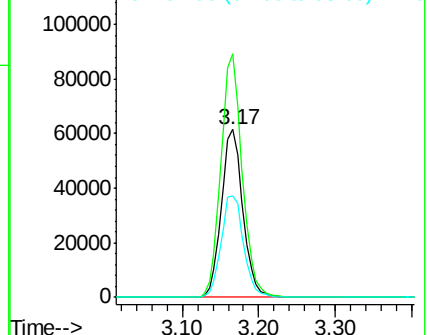
96 100

61 144.9 117.0 175.4

98 60.5 52.4 78.6



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: 53.41 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Tgt Ion: 45 Resp: 412671

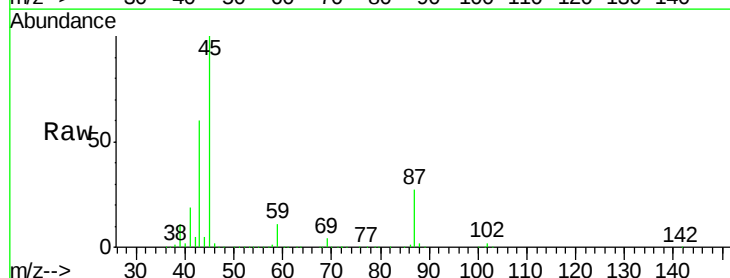
Ion Ratio Lower Upper

45 100

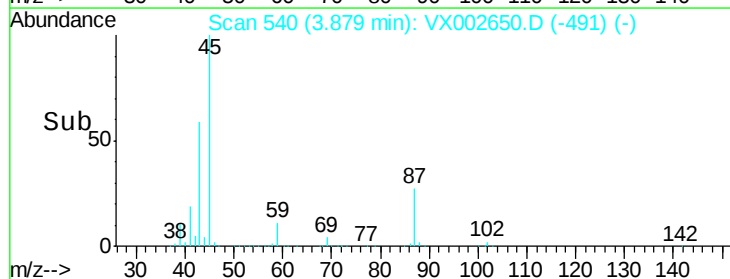
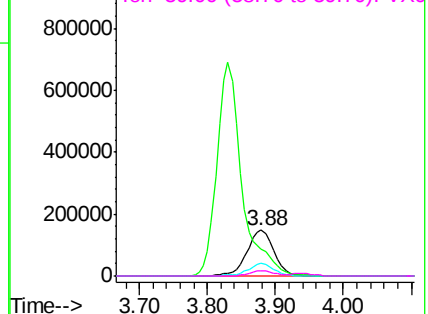
43 59.2 46.8 70.2

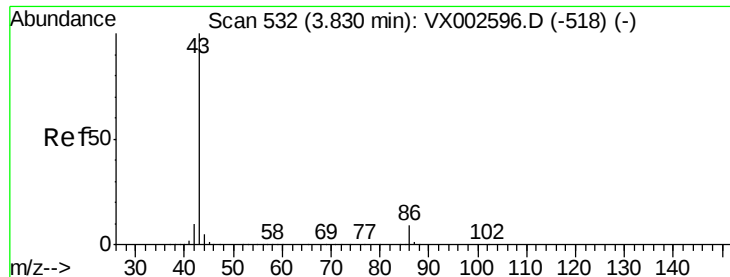
87 26.7 20.2 30.4

59 10.8 8.7 13.1



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: 273.35 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

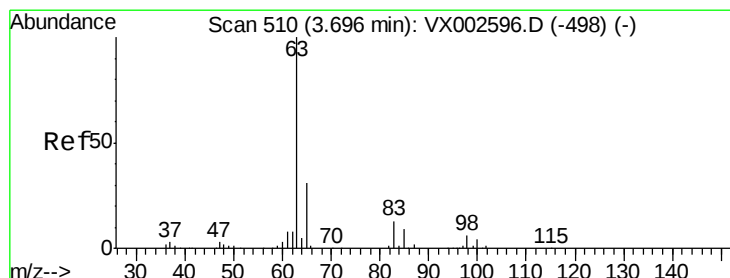
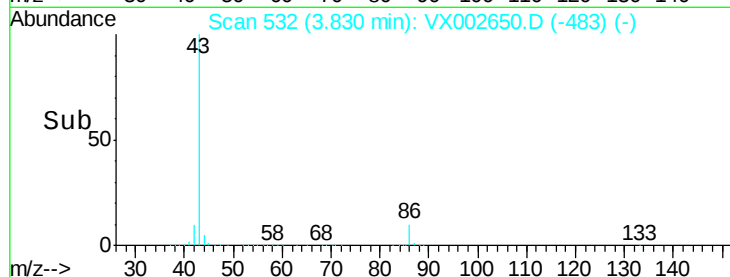
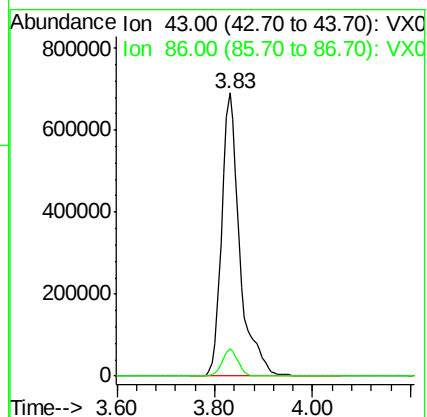
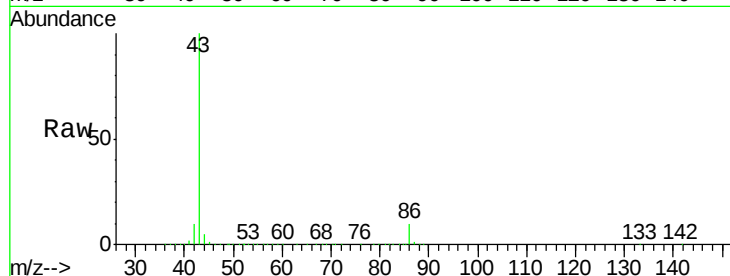
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1767857

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 51.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

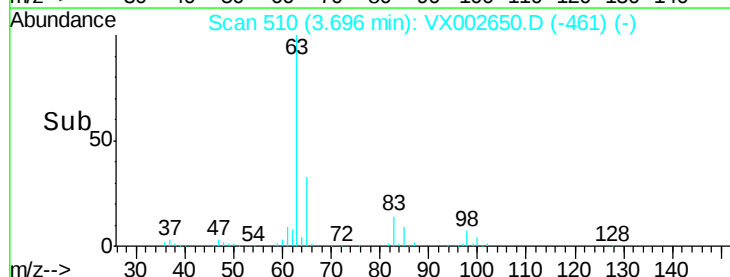
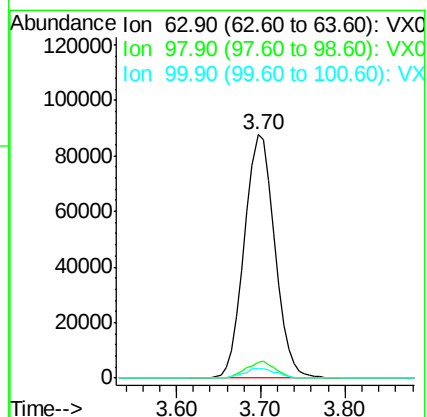
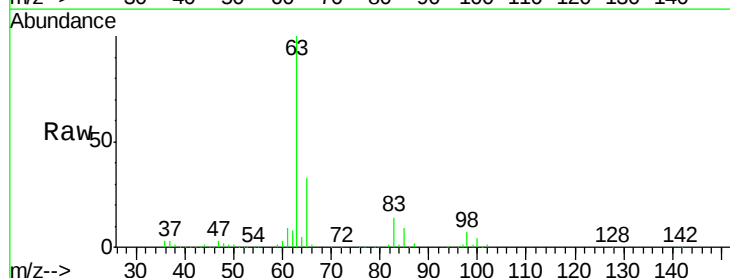
Tgt Ion: 63 Resp: 214205

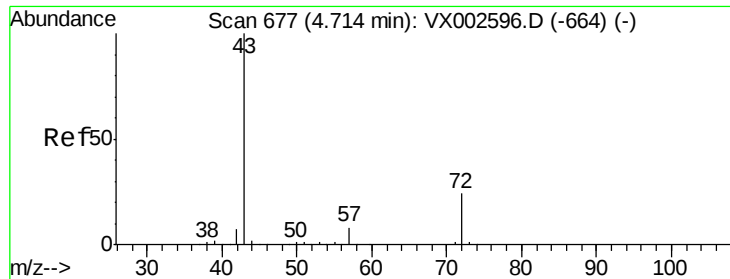
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 286.30 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

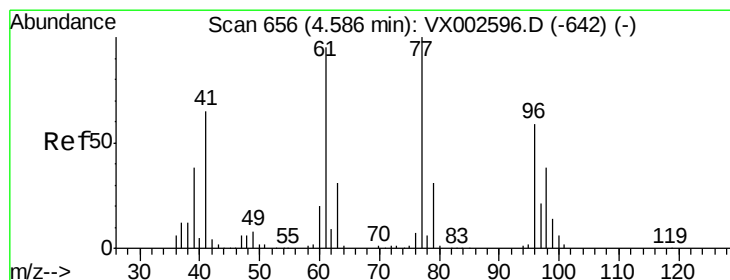
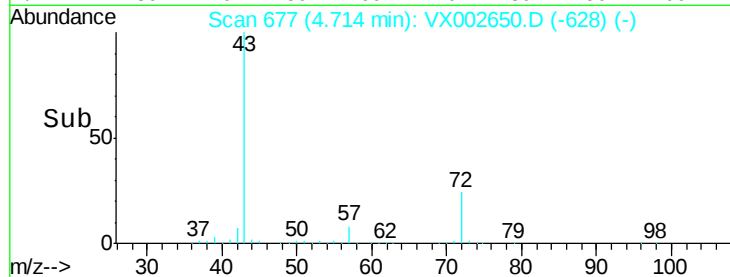
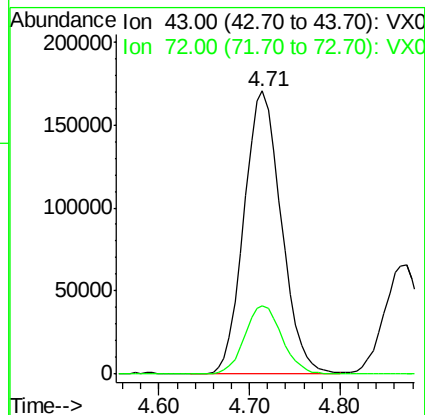
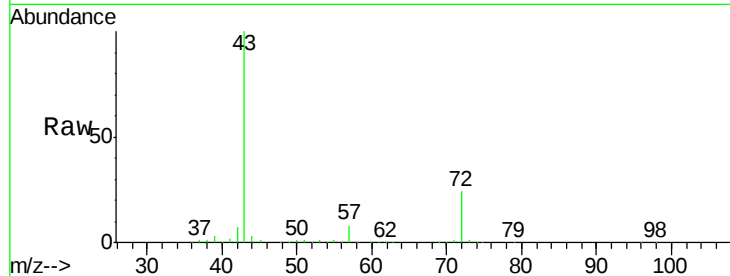
ClientSampleId :

Tot Ion: 43 Resp: 485269

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 26.82 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002650.D

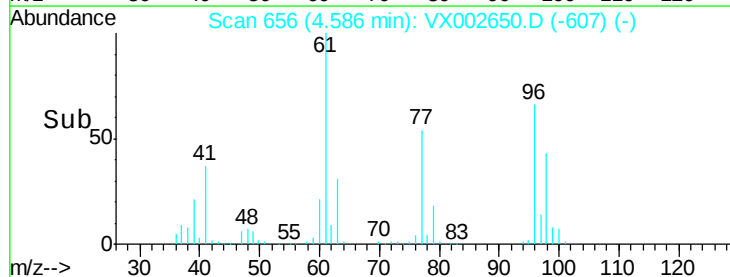
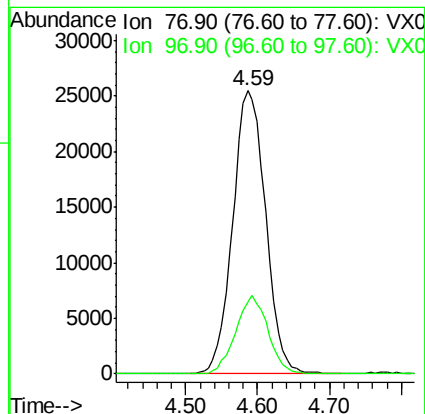
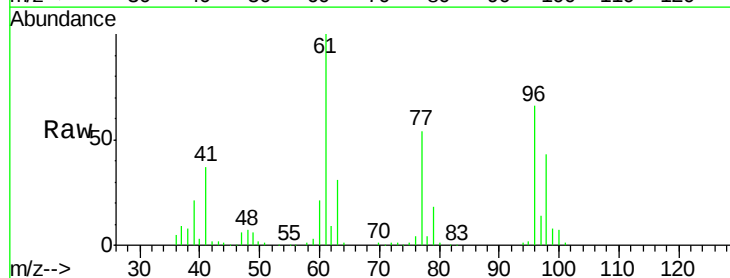
Acq: 16 Jun 2018 16:00

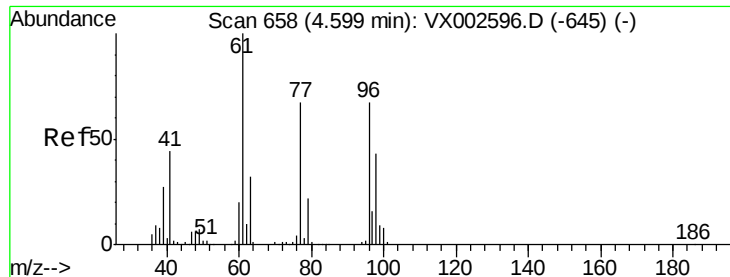
Tgt Ion: 77 Resp: 80816

Ion Ratio Lower Upper

77 100

97 27.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 54.03 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

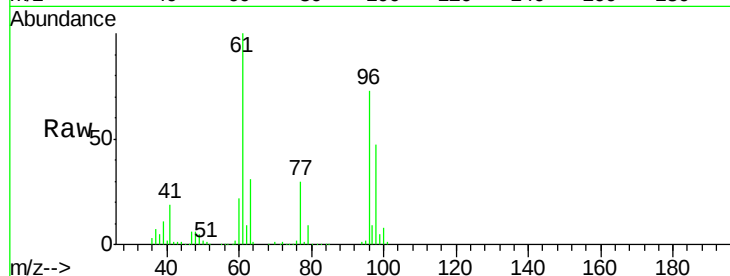
Tot Ion: 96 Resp: 128292

Ion Ratio Lower Upper

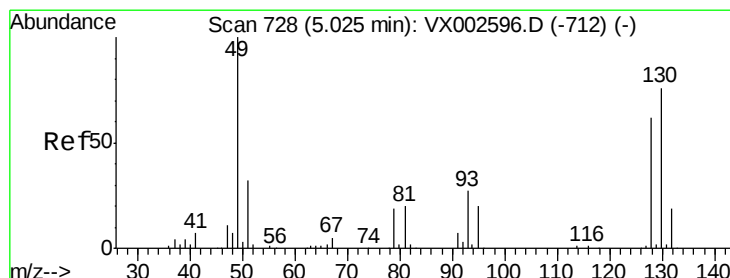
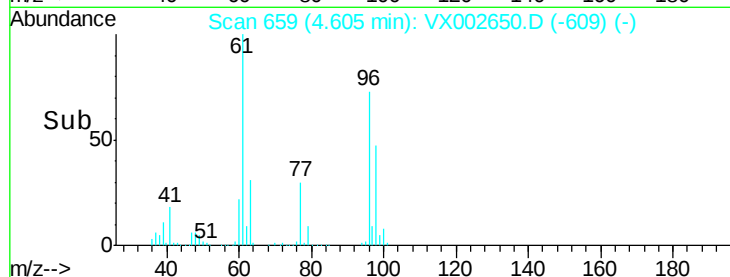
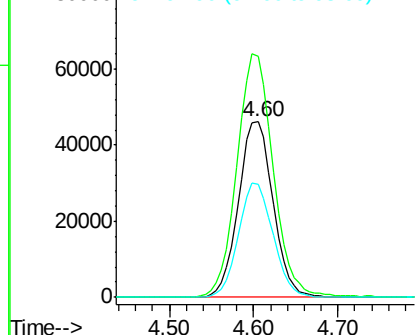
96 100

61 145.5 0.0 330.2

98 64.5 0.0 130.2



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



#28

Bromochloromethane

Concen: 57.27 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

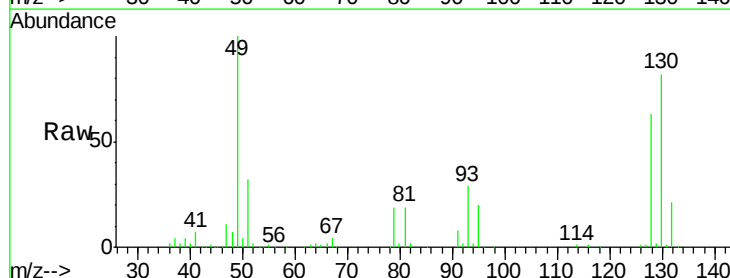
Tgt Ion: 49 Resp: 112474

Ion Ratio Lower Upper

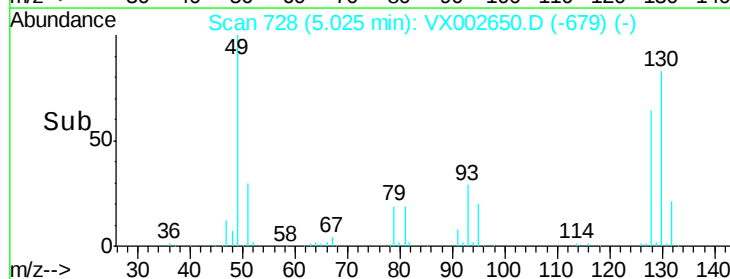
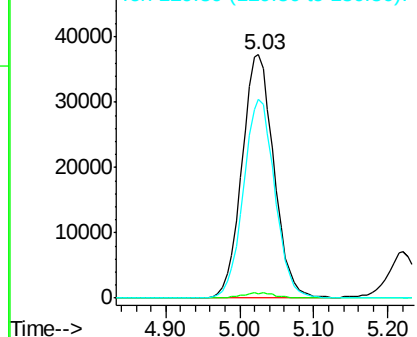
49 100

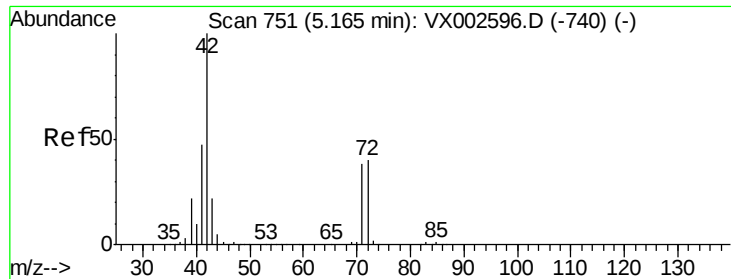
129 2.2 0.0 4.2

130 80.3 61.2 91.8



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: 287.46 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

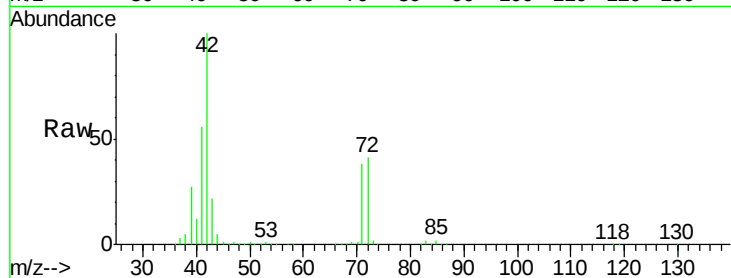
Tot Ion: 42 Resp: 319325

Ion Ratio Lower Upper

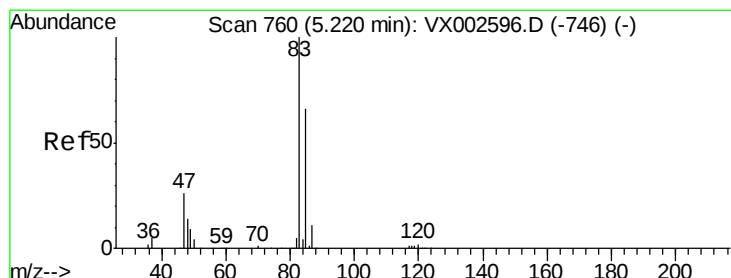
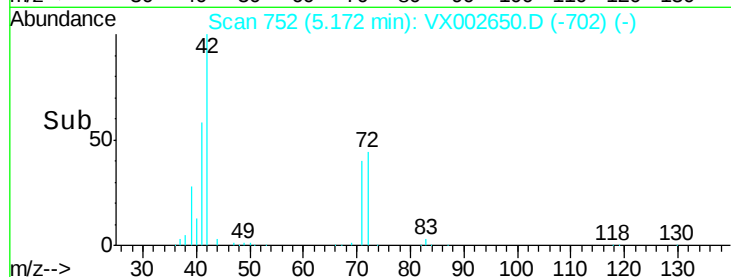
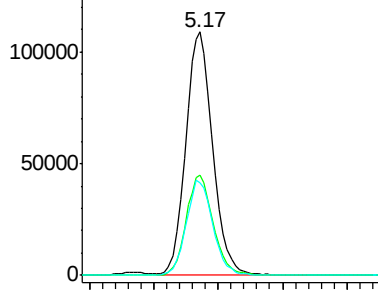
42 100

72 41.6 32.0 48.0

71 38.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.75 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002650.D

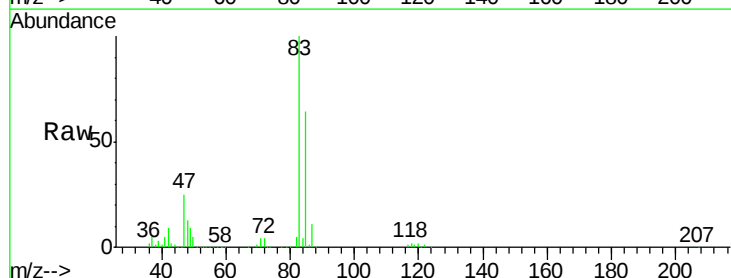
Acq: 16 Jun 2018 16:00

Tgt Ion: 83 Resp: 225451

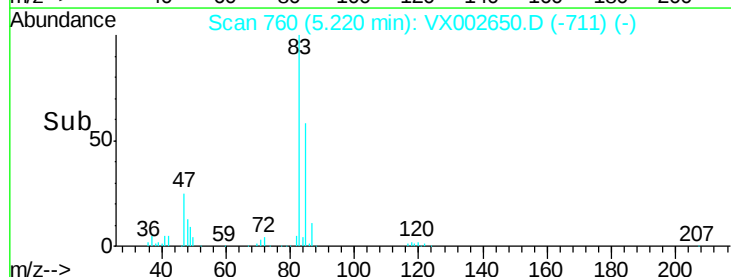
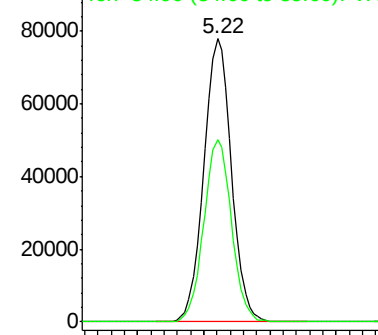
Ion Ratio Lower Upper

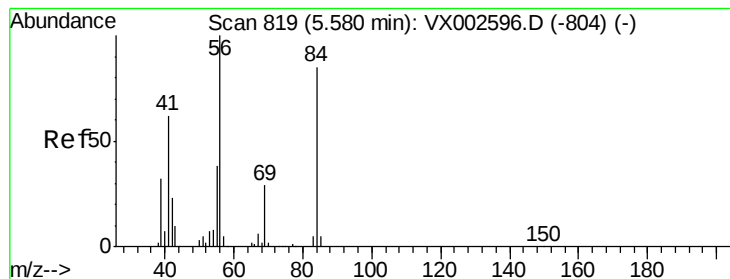
83 100

85 64.2 50.4 75.6



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





#31

Cyclohexane

Concen: 42.01 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

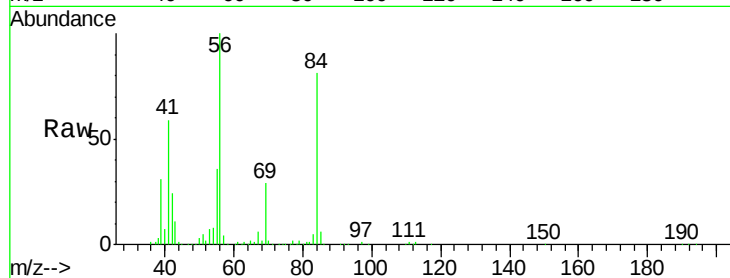
Tot Ion: 56 Resp: 145063

Ion Ratio Lower Upper

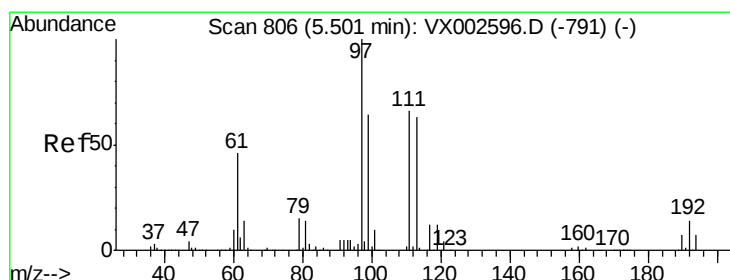
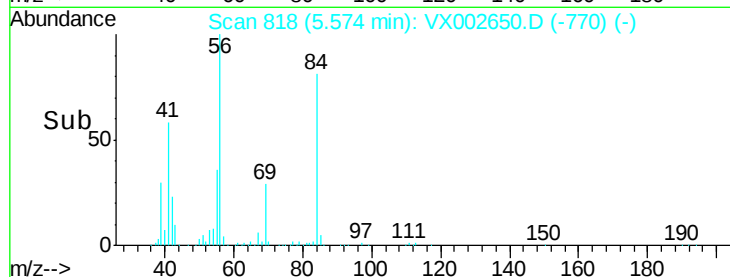
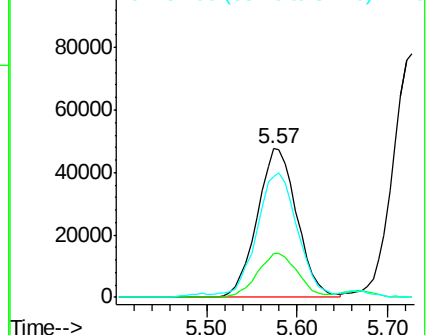
56 100

69 29.3 23.7 35.5

84 79.4 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.52 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

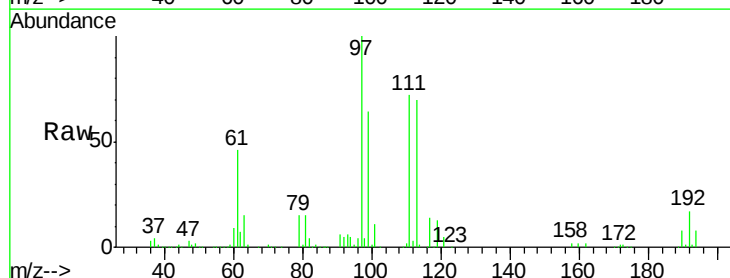
Tgt Ion: 97 Resp: 181040

Ion Ratio Lower Upper

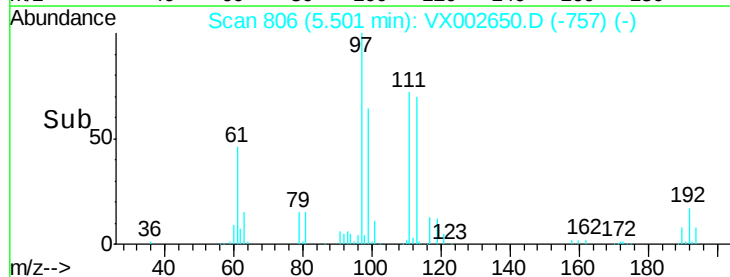
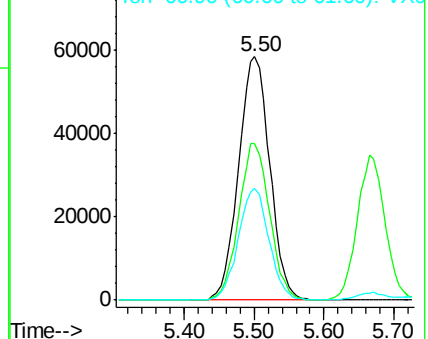
97 100

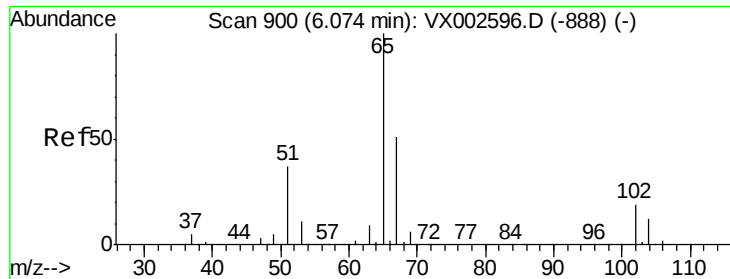
99 63.6 51.6 77.4

61 45.2 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

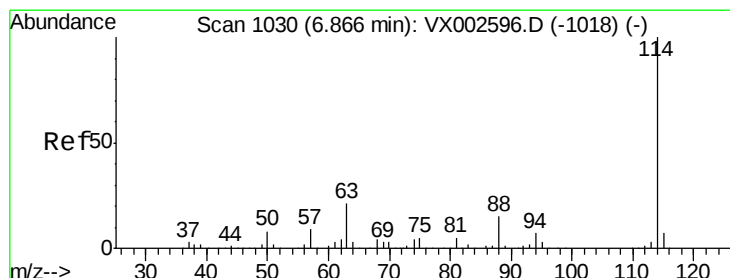
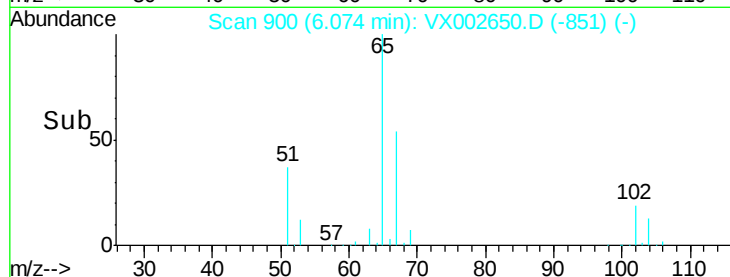
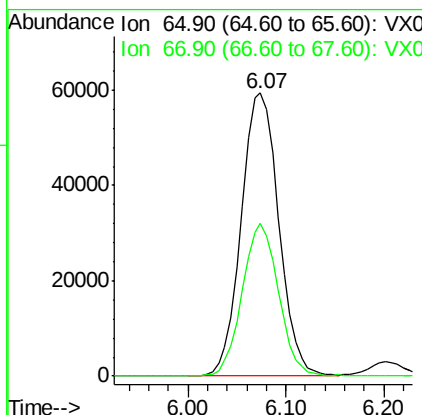
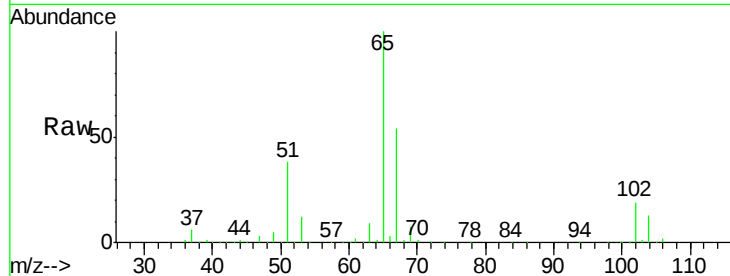




#33
 1,2-Dichloroethane-d4
 Concen: 54.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

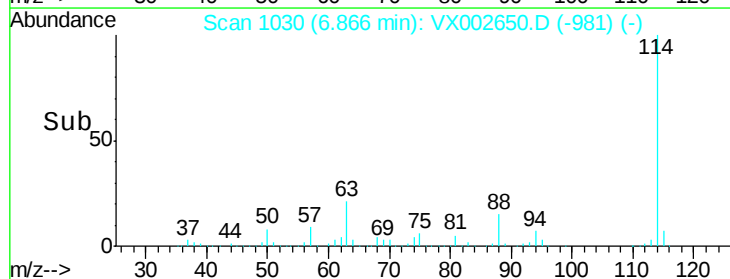
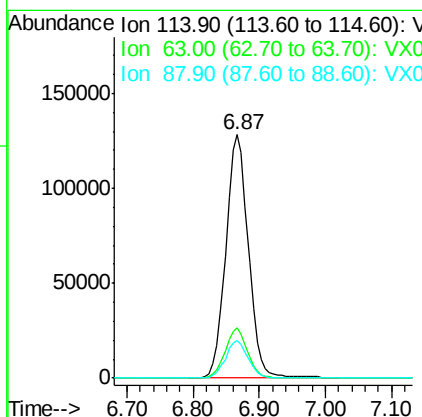
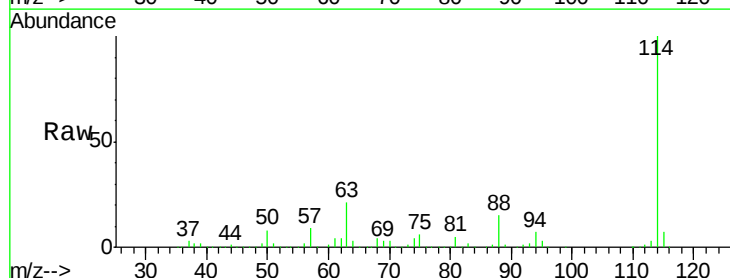
Instrument :
 MSVOA_X
 ClientSampleId :

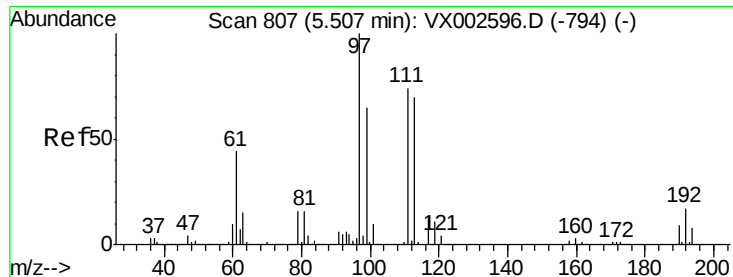
Tot Ion: 65 Resp: 158927
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion: 114 Resp: 303724
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.69 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

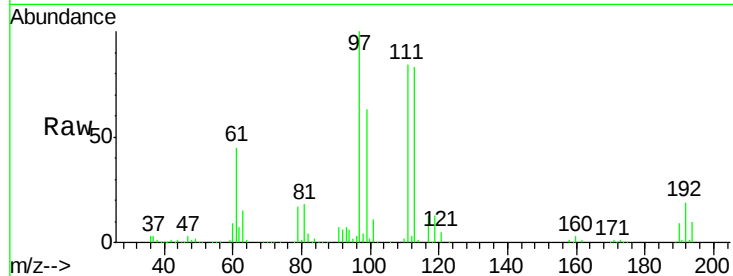
Tot Ion:113 Resp: 127722

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

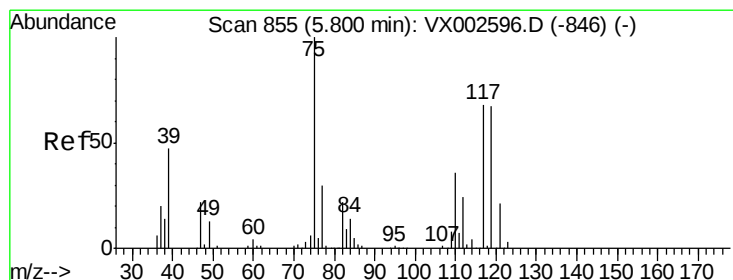
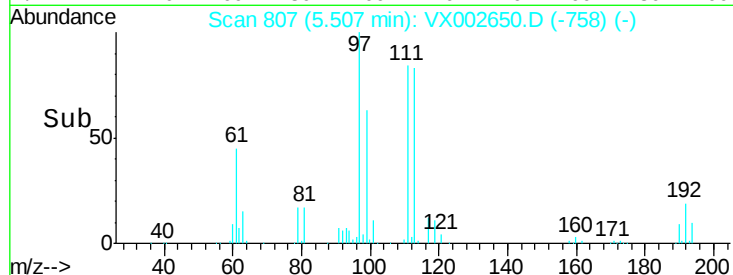
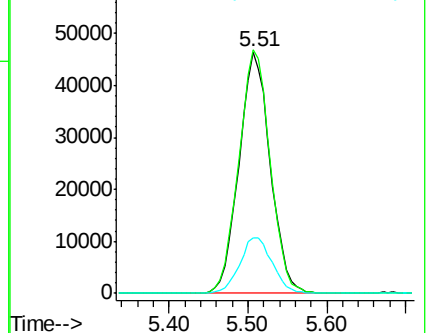
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.50 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

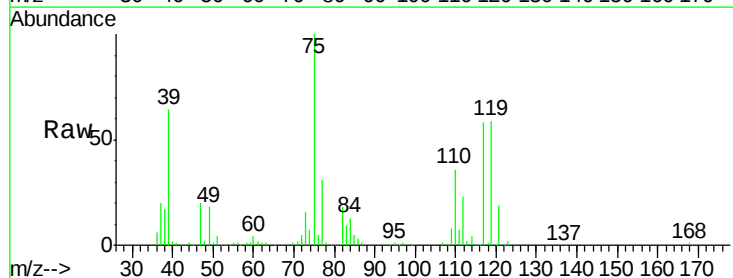
Tgt Ion: 75 Resp: 143537

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.4

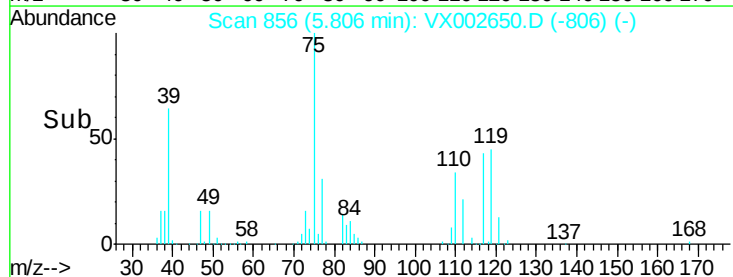
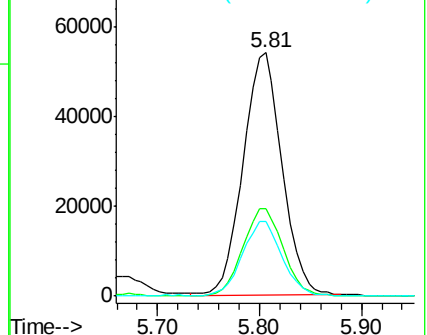
77 31.2 24.3 36.5

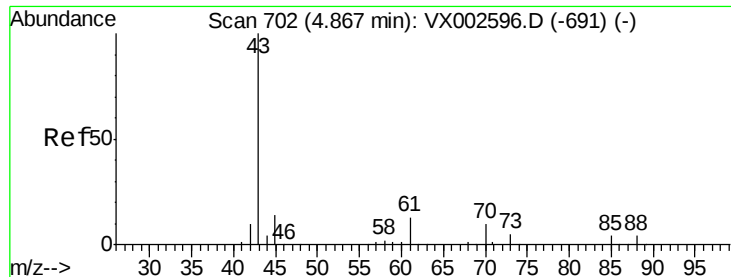


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.61 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

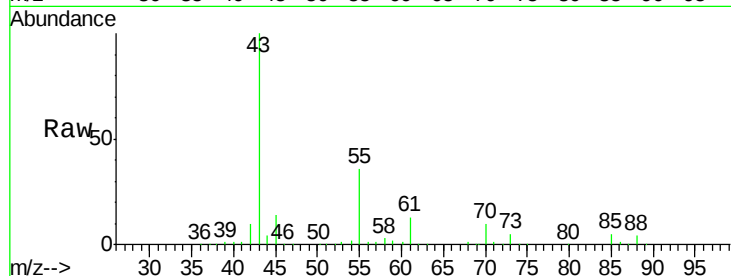
Tot Ion: 43 Resp: 192066

Ion Ratio Lower Upper

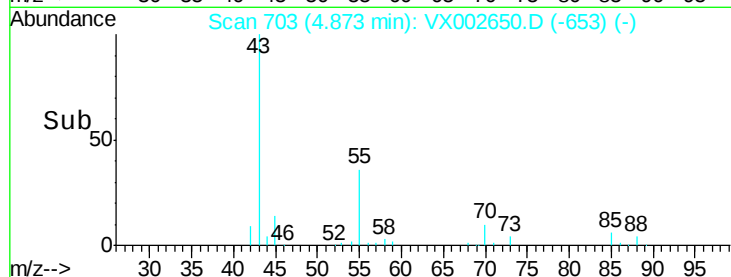
43 100

61 12.4 10.4 15.6

70 9.4 7.6 11.4

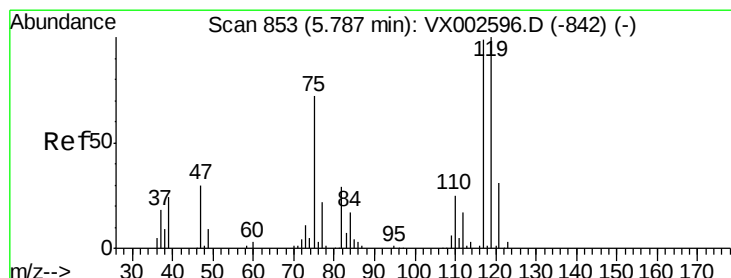
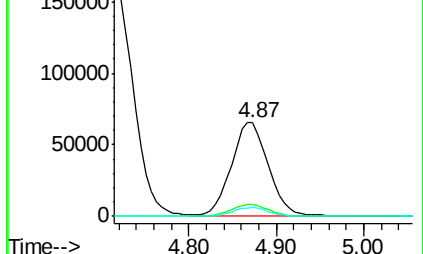


Abundance Ion 43.00 (42.70 to 43.70): VX002650.D (-653) (-)



Ion 60.90 (60.60 to 61.60): VX002650.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002650.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 48.04 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

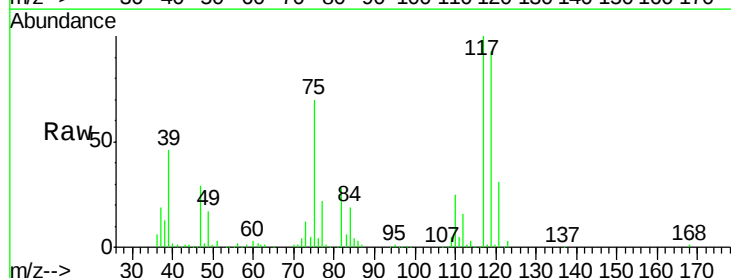
Tgt Ion: 117 Resp: 154311

Ion Ratio Lower Upper

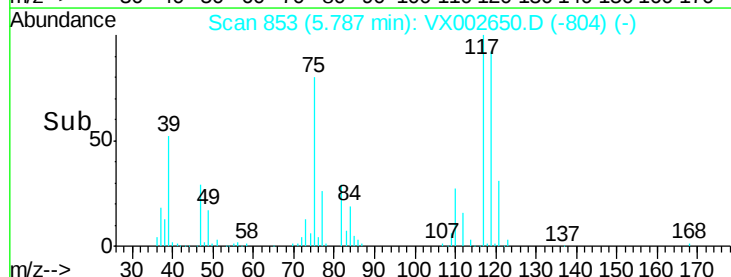
117 100

119 92.7 77.4 116.0

121 30.8 24.4 36.6

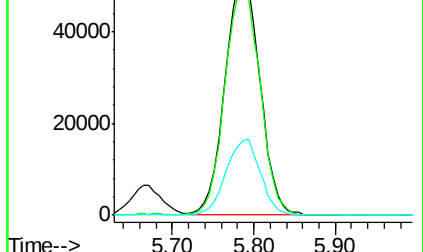


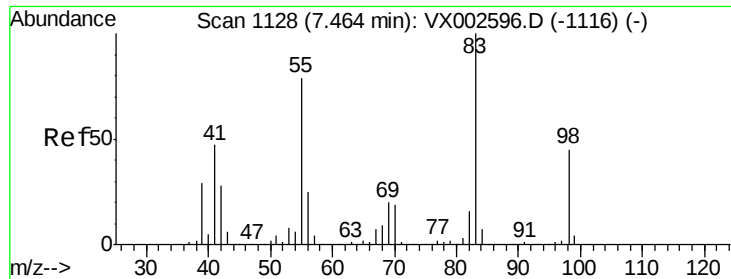
Abundance Ion 116.80 (116.50 to 117.50): VX002650.D (-804) (-)



Ion 118.80 (118.50 to 119.50): VX002650.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002650.D (-804) (-)

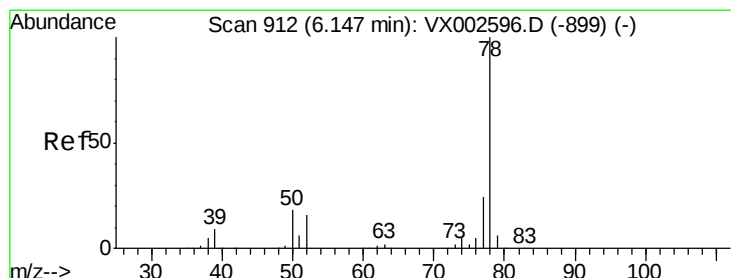
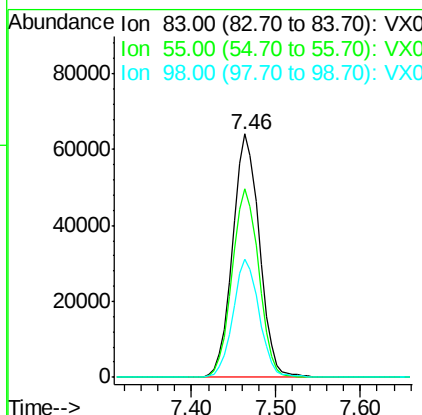
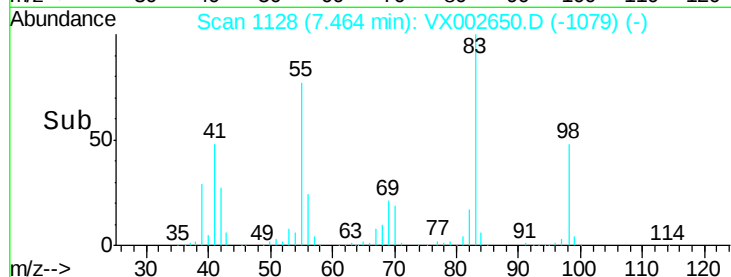
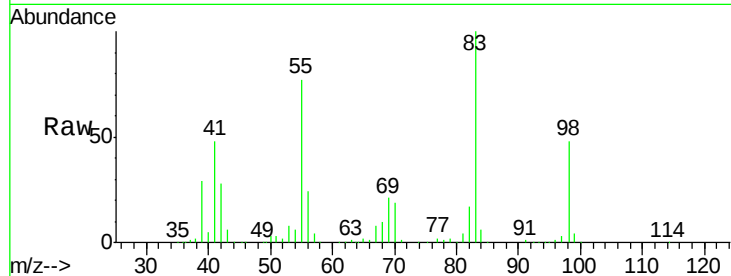




#39
Methvlcvclohexane
Concen: 36.48 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

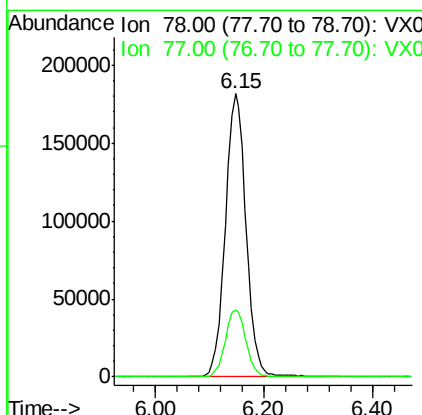
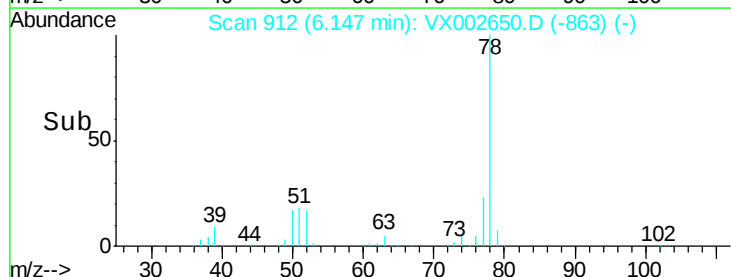
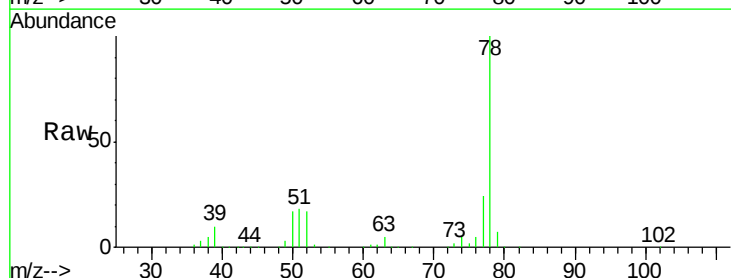
Instrument :
MSVOA_X
ClientSampleId :

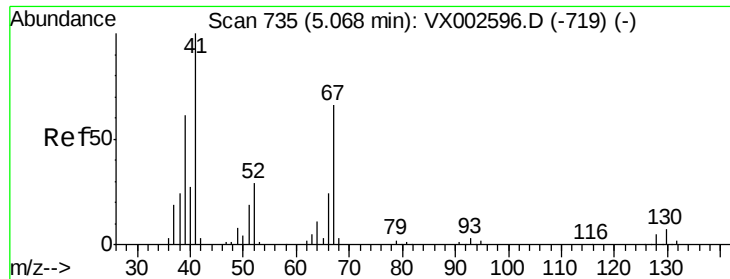
Tot Ion: 83 Resp: 137569
Ion Ratio Lower Upper
83 100
55 77.1 65.4 98.0
98 48.3 37.4 56.0



#40
Benzene
Concen: 49.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 78 Resp: 479716
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

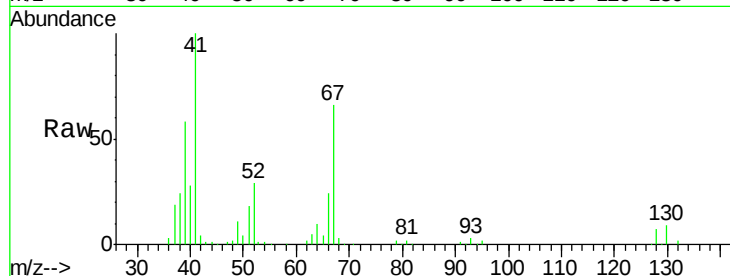




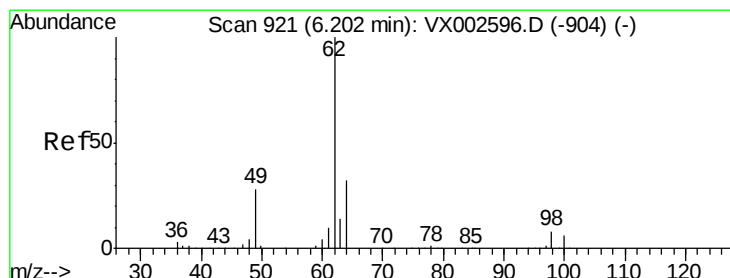
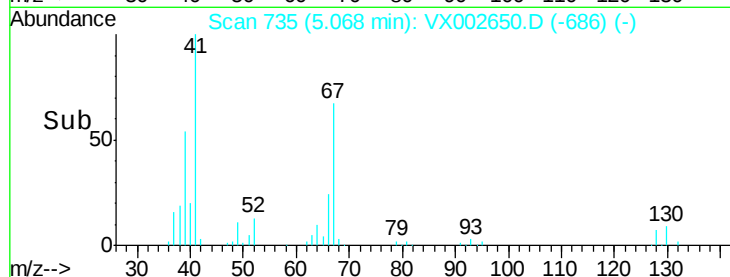
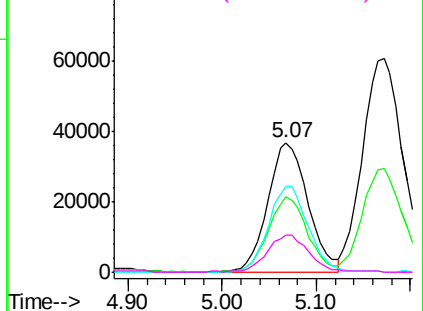
#41
Methacrylonitrile
Concen: 52.96 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	109172
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	66.0	51.3	76.9
52	29.6	23.0	34.6

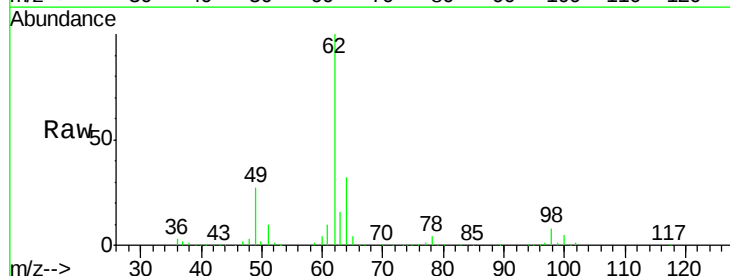


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

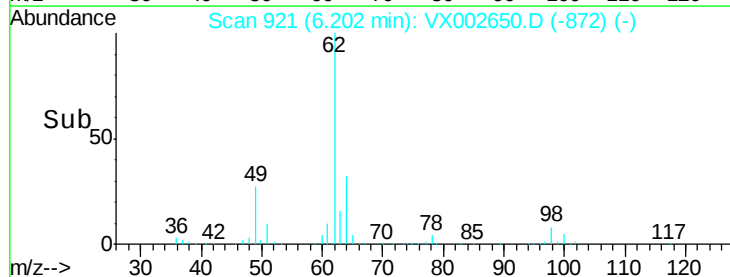
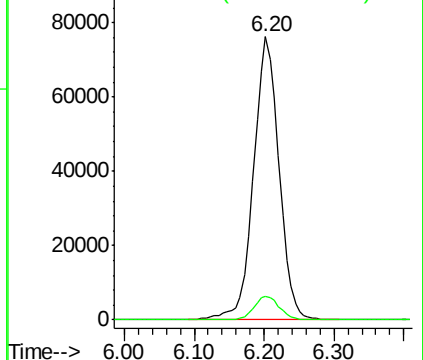


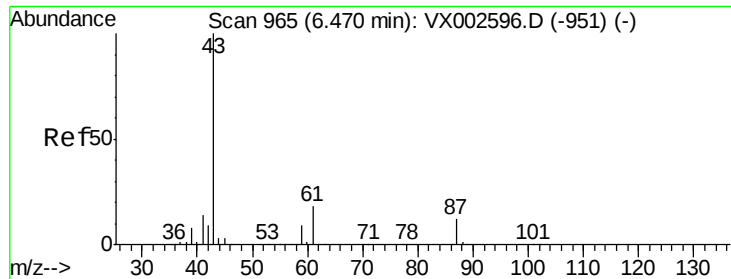
#42
1,2-Dichloroethane
Concen: 51.38 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion:	62	Resp:	192396
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 51.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

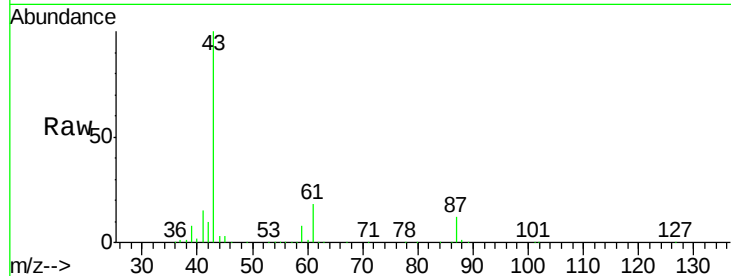
Tot Ion: 43 Resp: 313032

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

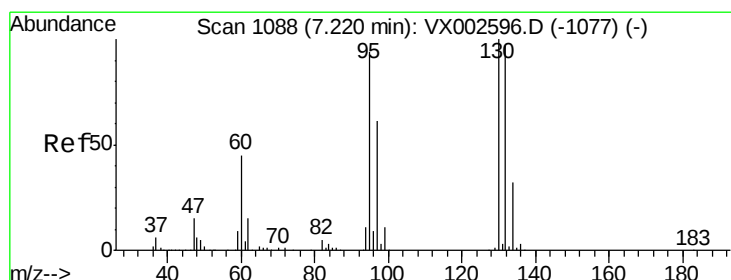
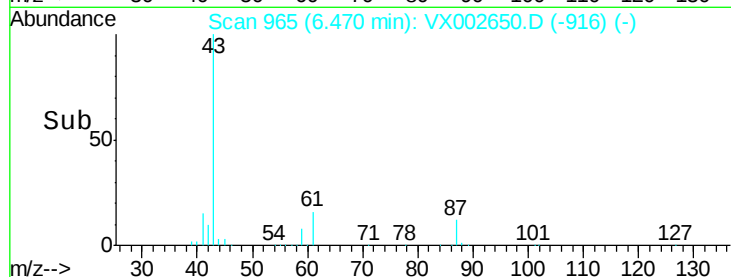
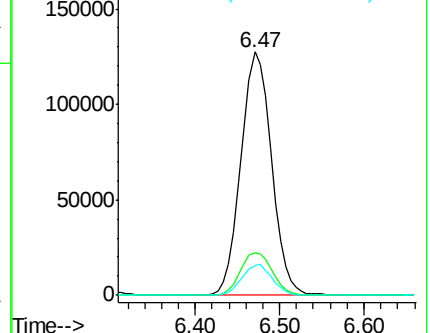
87 12.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.11 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002650.D

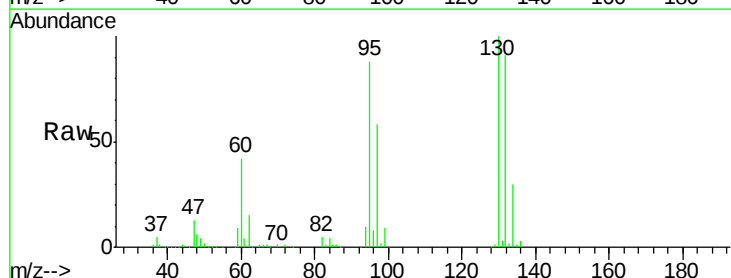
Acq: 16 Jun 2018 16:00

Tgt Ion:130 Resp: 134300

Ion Ratio Lower Upper

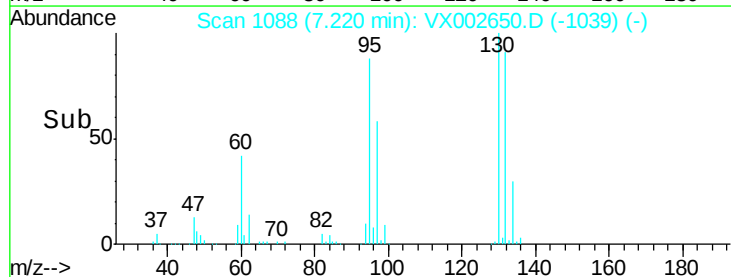
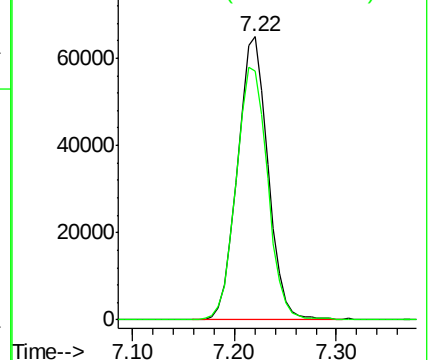
130 100

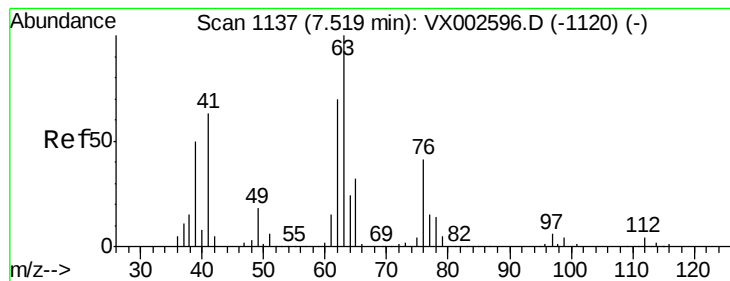
95 87.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.64 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

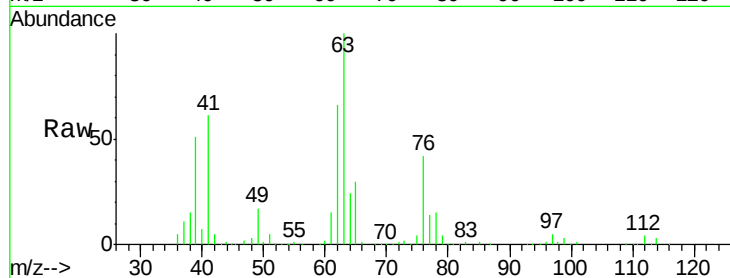
ClientSampleId :

Tot Ion: 63 Resp: 128907

Ion Ratio Lower Upper

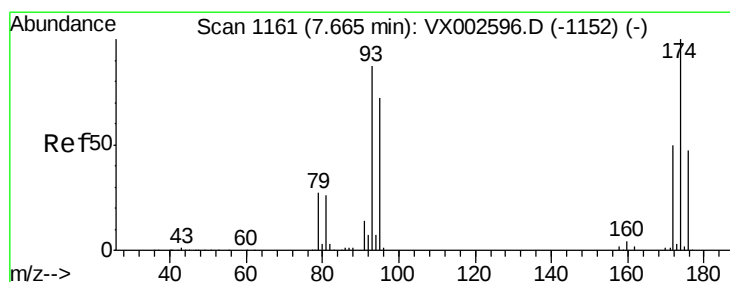
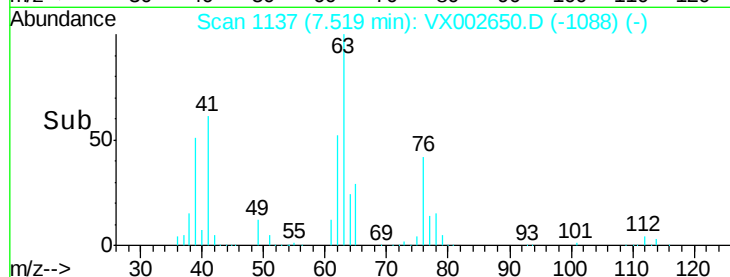
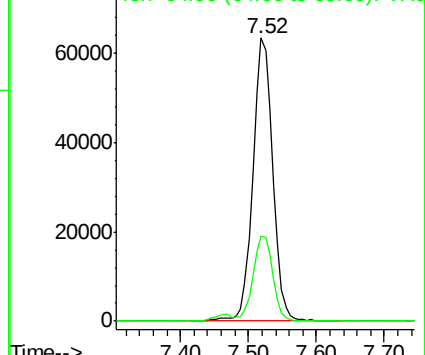
63 100

65 30.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.40 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

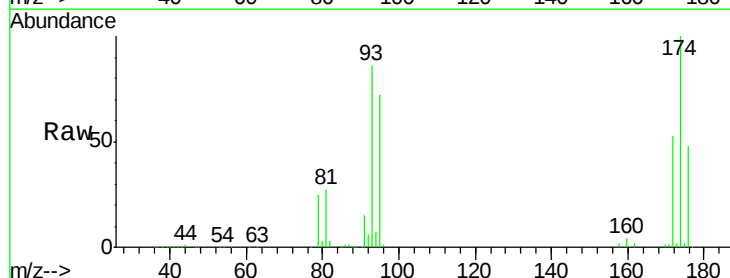
Tgt Ion: 93 Resp: 90938

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

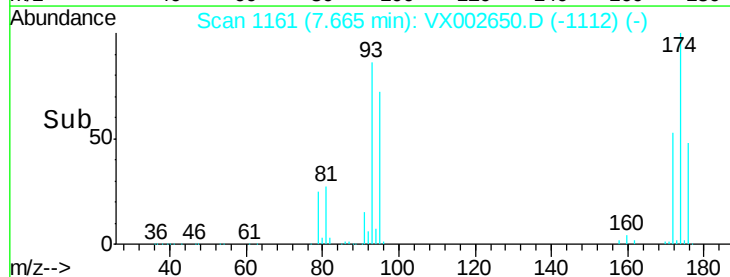
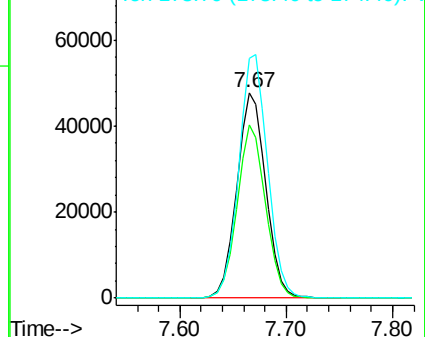
174 118.3 92.4 138.6

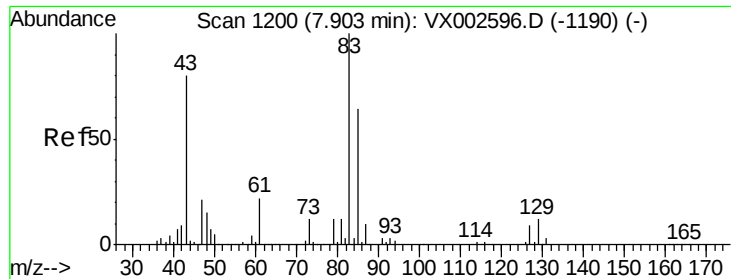


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.25 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

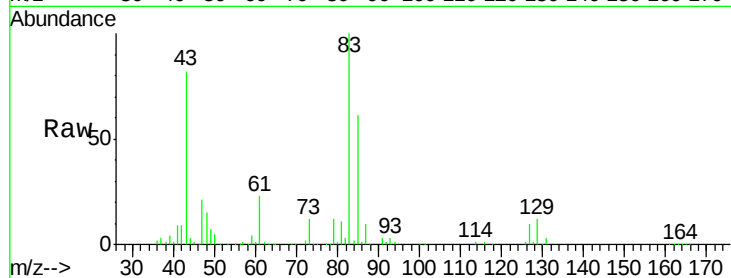
Tot Ion: 83 Resp: 165934

Ion Ratio Lower Upper

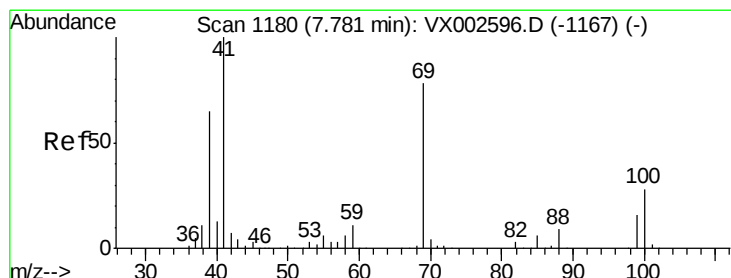
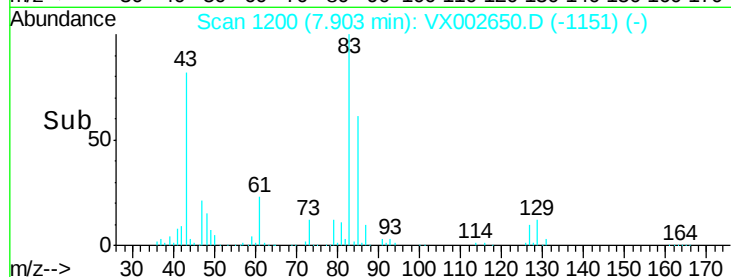
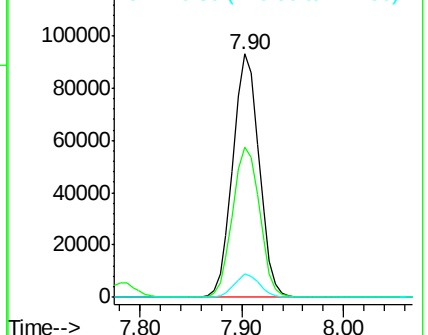
83 100

85 61.5 50.3 75.5

127 9.6 7.0 10.4



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: 52.80 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

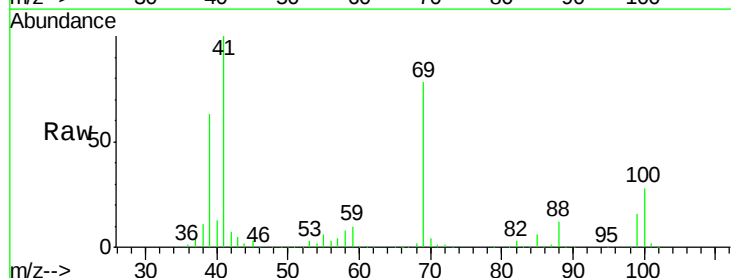
Tgt Ion: 41 Resp: 163209

Ion Ratio Lower Upper

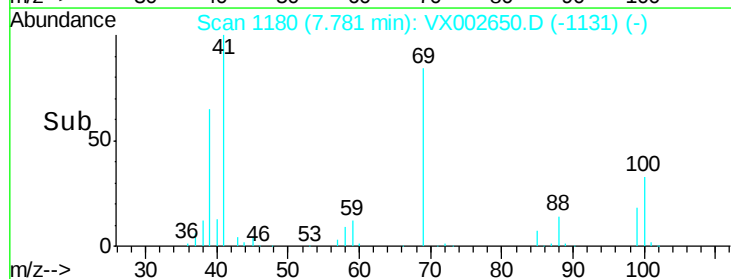
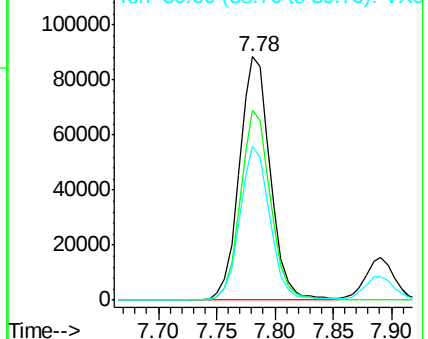
41 100

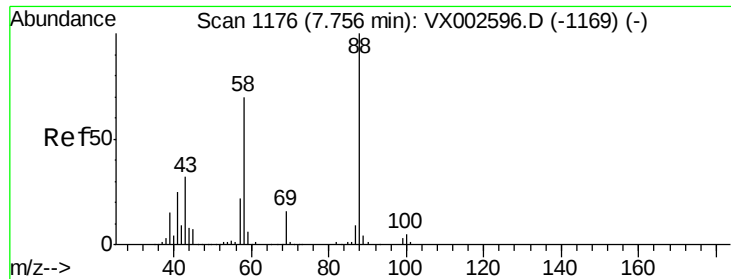
69 76.6 59.1 88.7

39 61.2 48.9 73.3



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

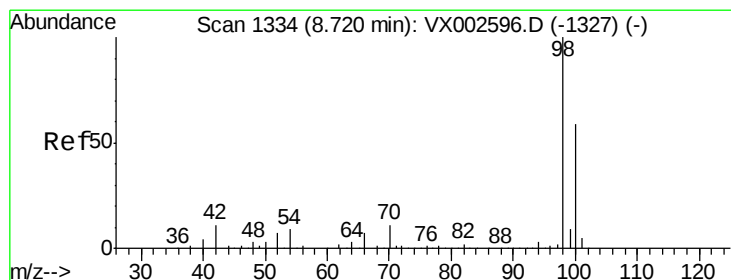
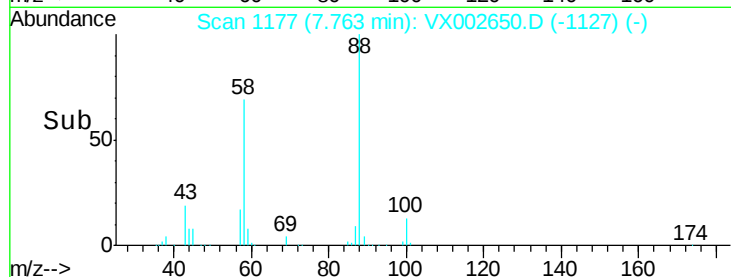
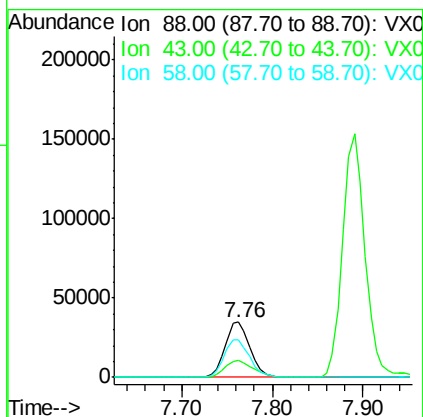
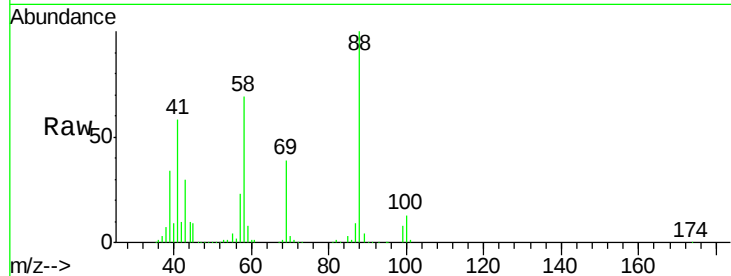




#49
1,4-Dioxane
Concen: 1125.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

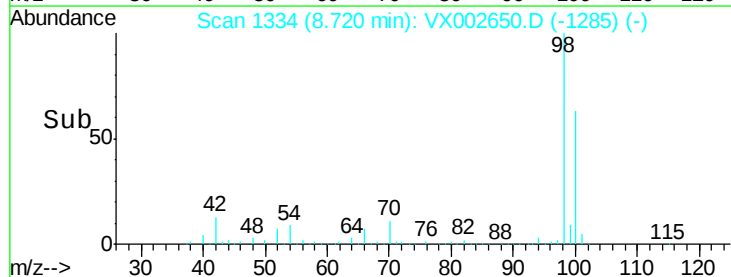
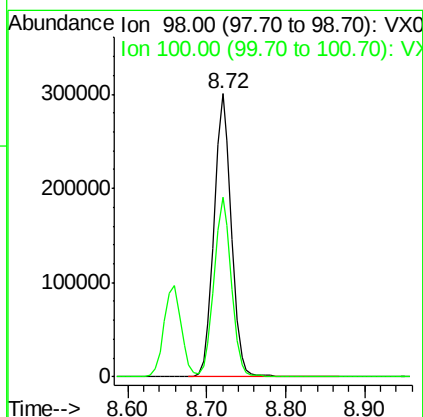
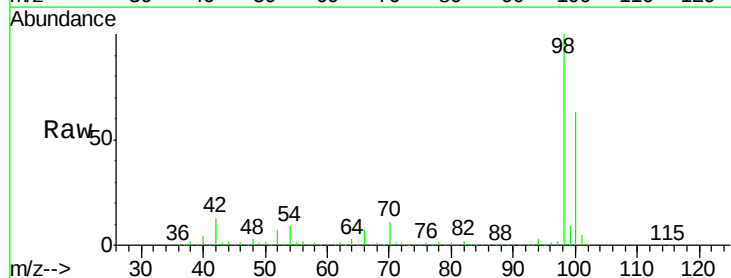
Instrument :
MSVOA_X
ClientSampleId :

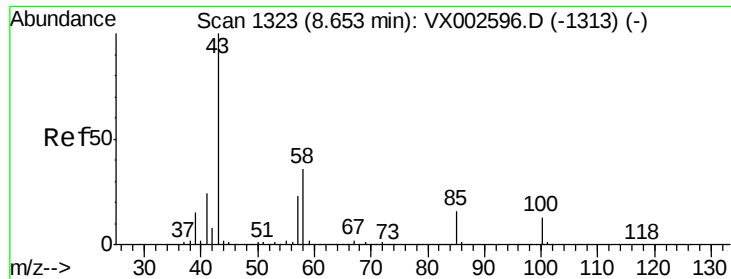
Tot Ion: 88 Resp: 65871
Ion Ratio Lower Upper
88 100
43 34.9 29.8 44.6
58 70.7 57.1 85.7



#50
Toluene-d8
Concen: 50.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 98 Resp: 460907
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 268.36 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

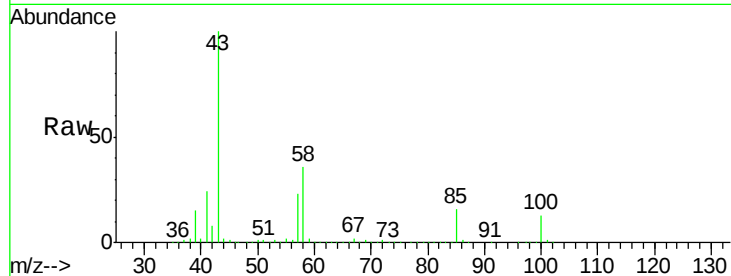
ClientSampleId :

Tot Ion: 43 Resp: 1042295

Ion Ratio Lower Upper

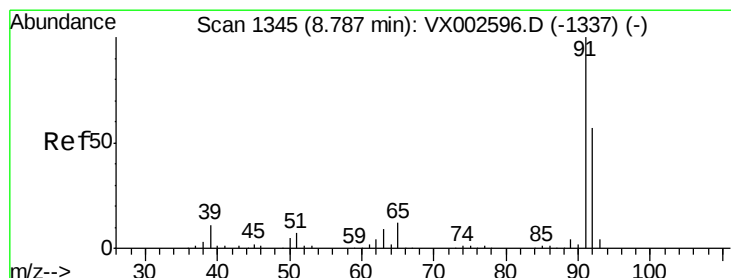
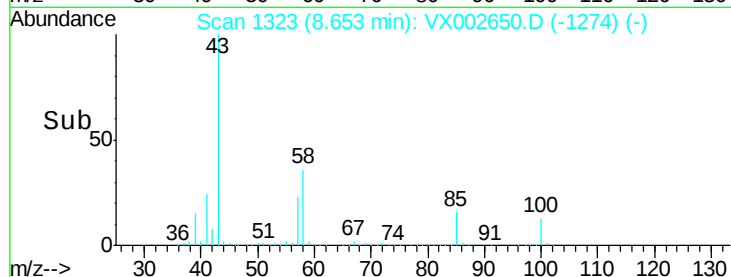
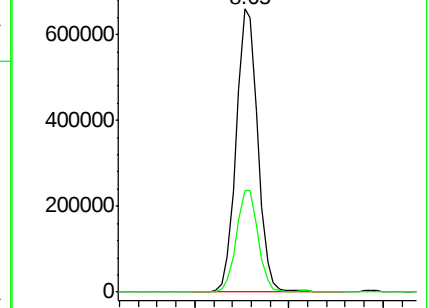
43 100

58 36.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.77 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002650.D

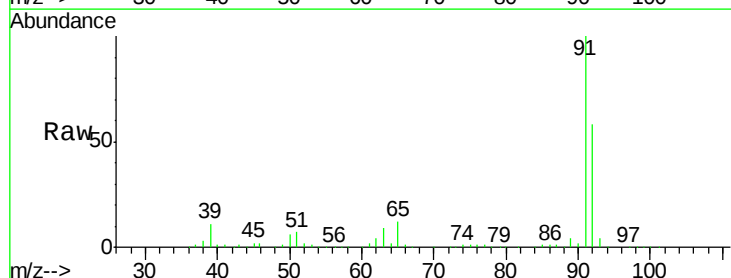
Acq: 16 Jun 2018 16:00

Tgt Ion: 92 Resp: 307066

Ion Ratio Lower Upper

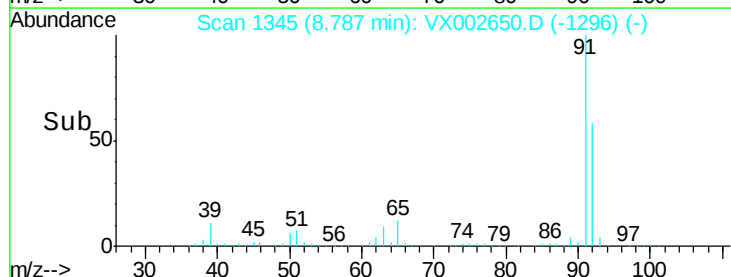
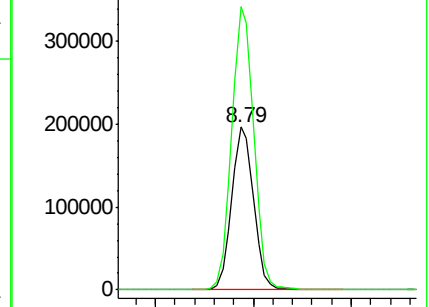
92 100

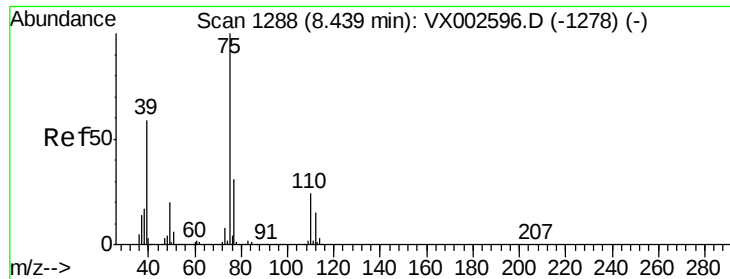
91 175.7 140.4 210.6



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: 44.56 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

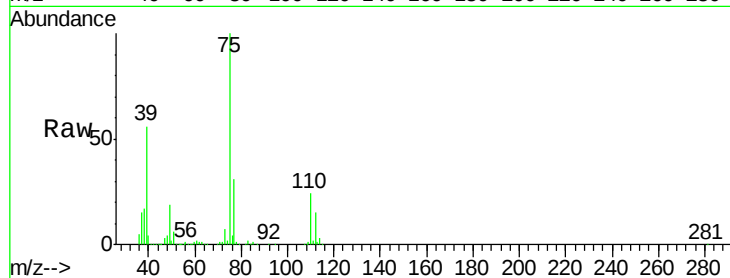
ClientSampleId :

Tot Ion: 75 Resp: 176077

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

120000

100000

80000

60000

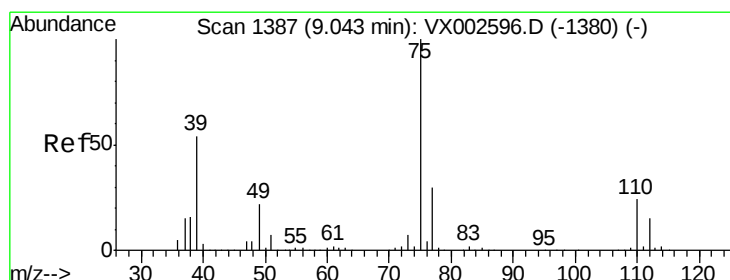
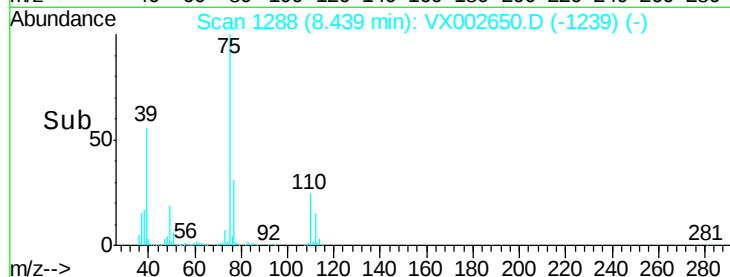
40000

20000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 43.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

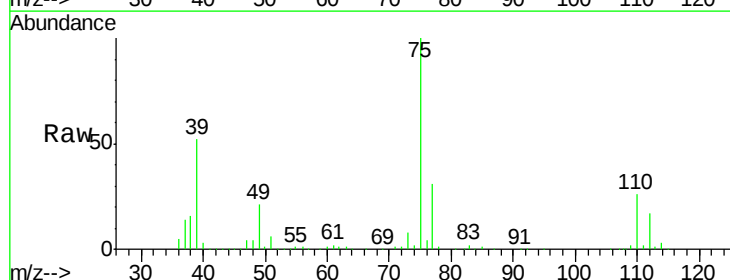
Tgt Ion: 75 Resp: 162358

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 51.5 42.4 63.6



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

9.05

150000

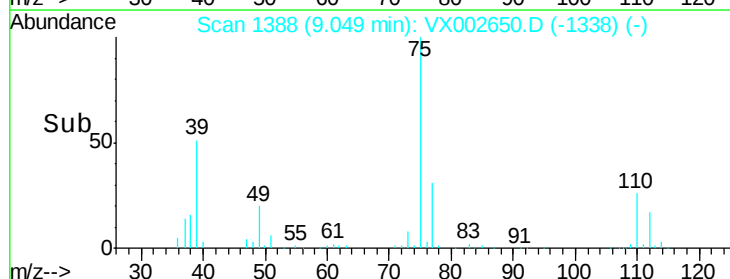
100000

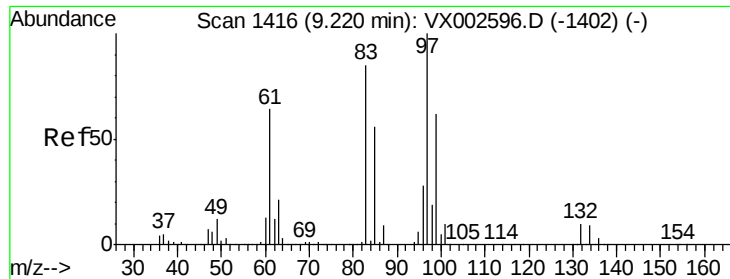
50000

0

9.00 9.10

Time-->

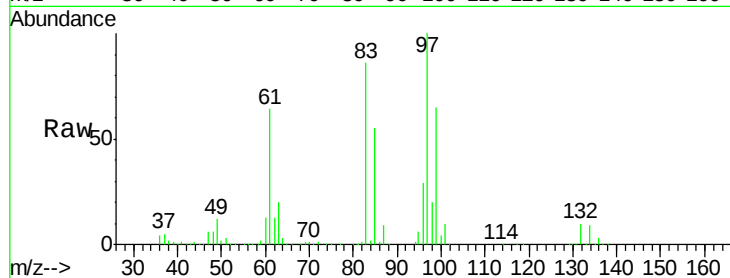




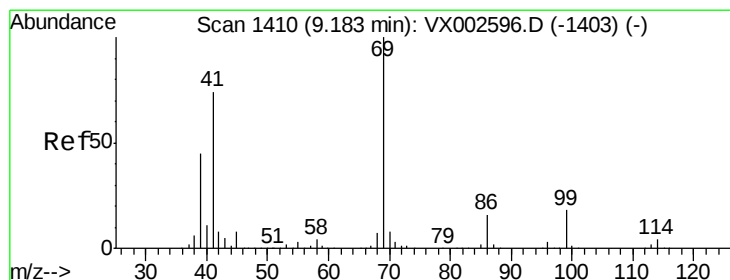
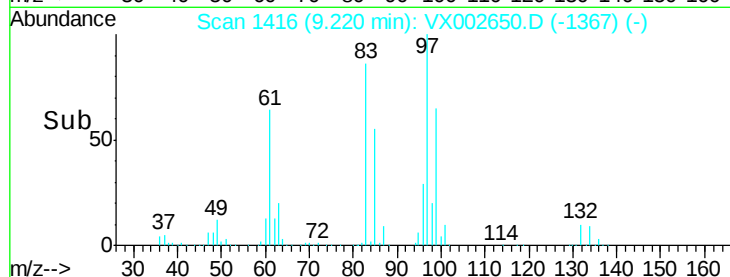
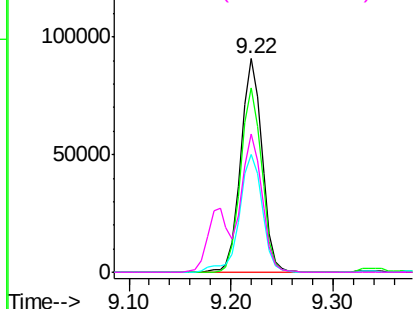
#55
 1,1,2-Trichloroethane
 Concen: 52.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	131109
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	54.9	44.9	67.3
99	64.5	49.8	74.8

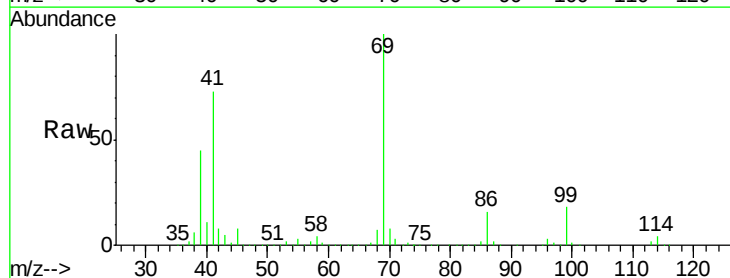


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

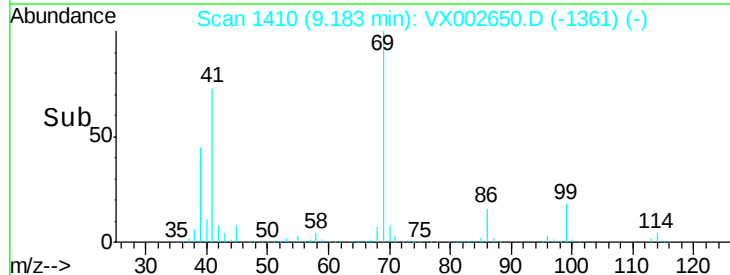
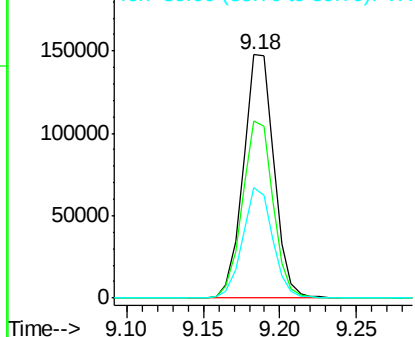


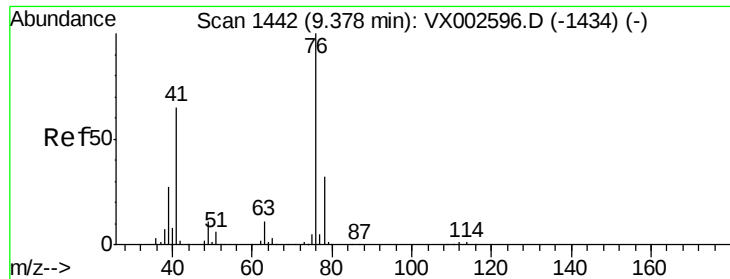
#56
 Ethyl methacrylate
 Concen: 53.53 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion:	69	Resp:	205365
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	44.3	35.8	53.8



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

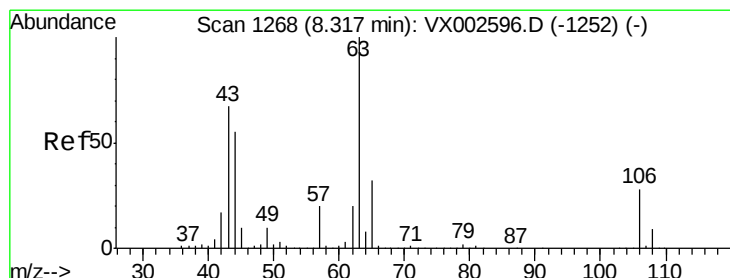
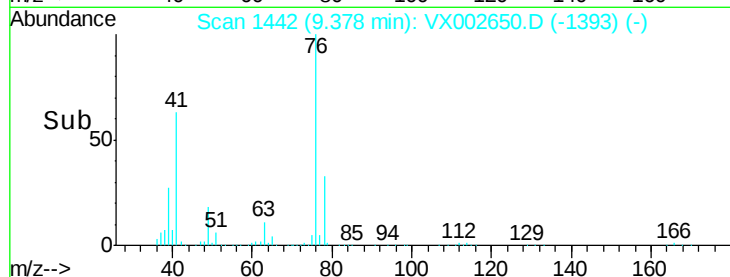
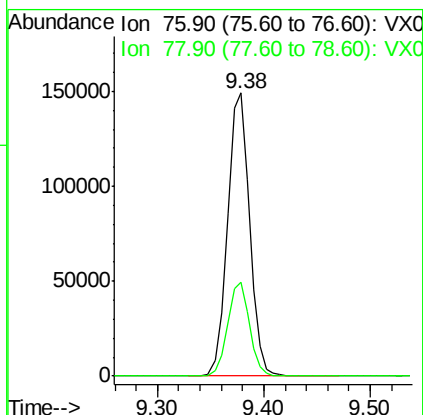
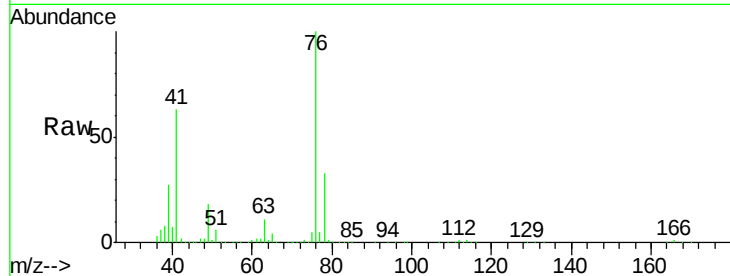




#57
 1,3-Dichloropropane
 Concen: 51.32 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

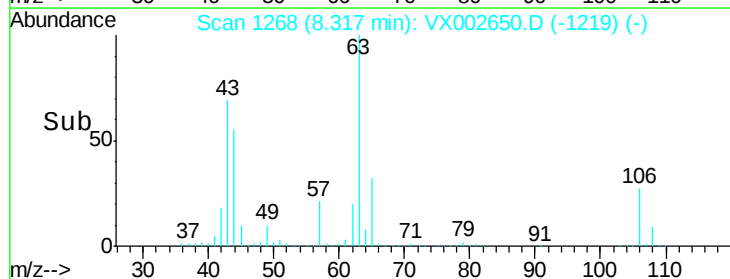
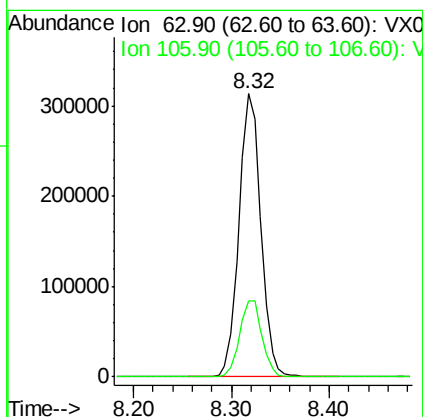
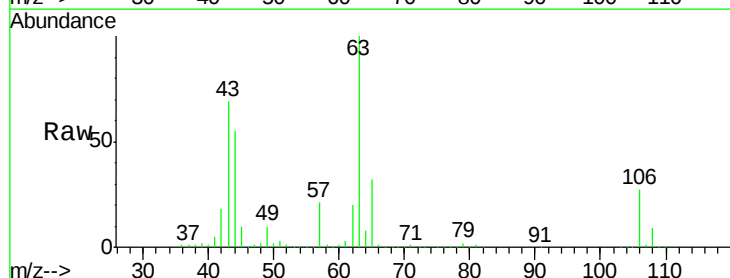
Instrument :
 MSVOA_X
 ClientSampleId :

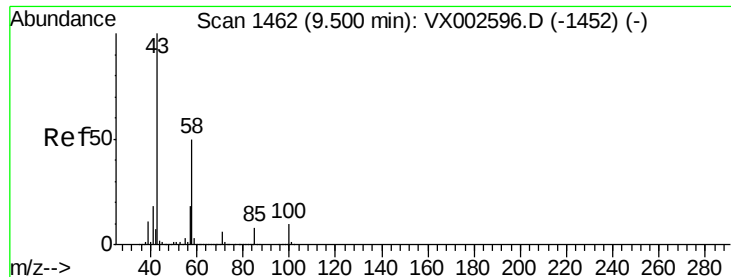
Tot Ion: 76 Resp: 216375
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.61 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion: 63 Resp: 487321
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8

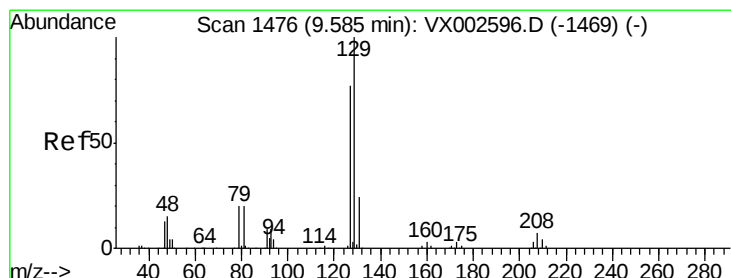
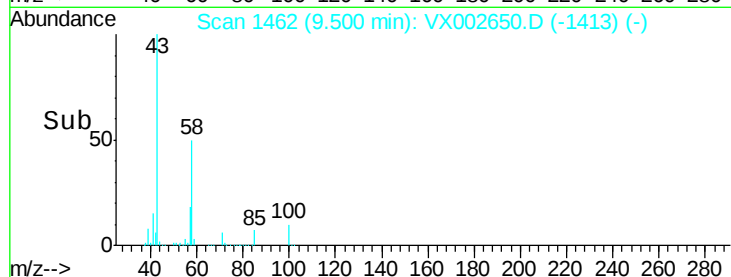
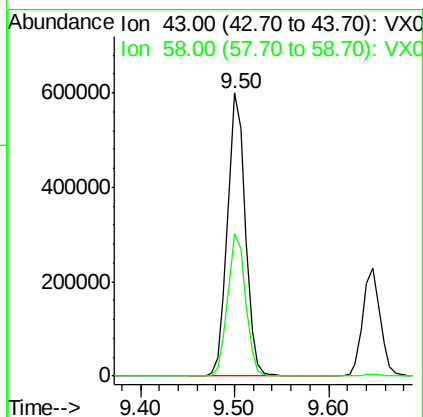
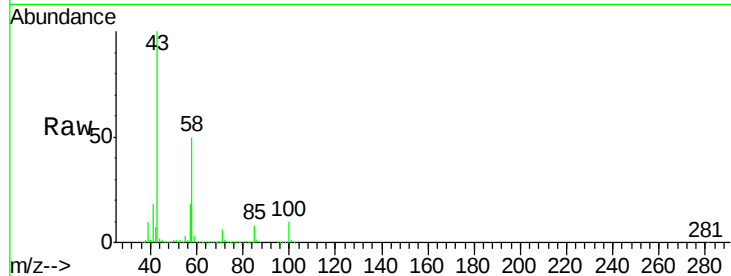




#59
2-Hexanone
Concen: 270.83 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

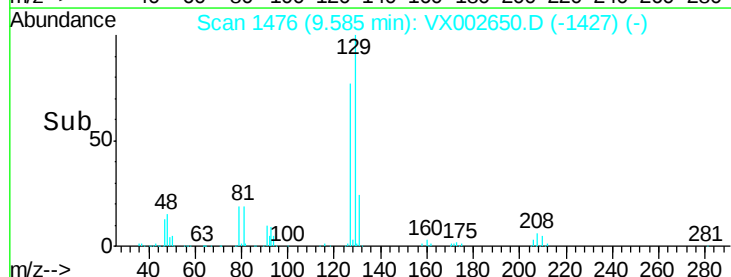
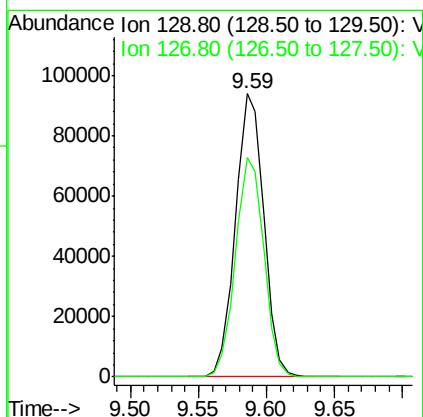
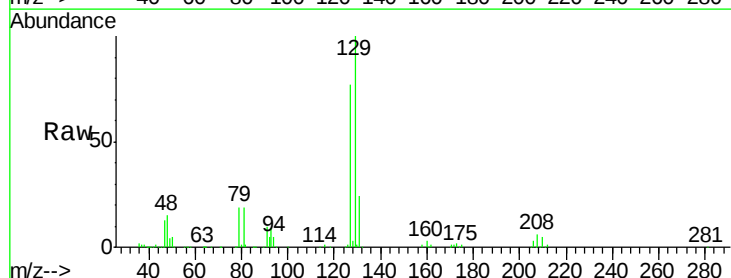
Instrument :
MSVOA_X
ClientSampleId :

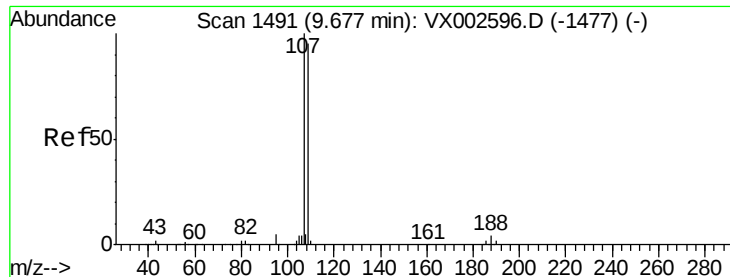
Tot Ion: 43 Resp: 792642
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6



#60
Dibromochloromethane
Concen: 48.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 129 Resp: 136234
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

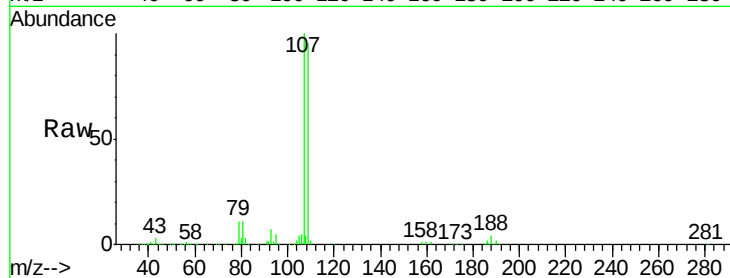
ClientSampled :

Tot Ion:107 Resp: 141246

Ion Ratio Lower Upper

107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

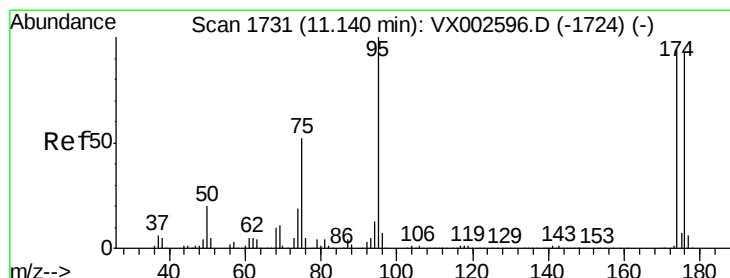
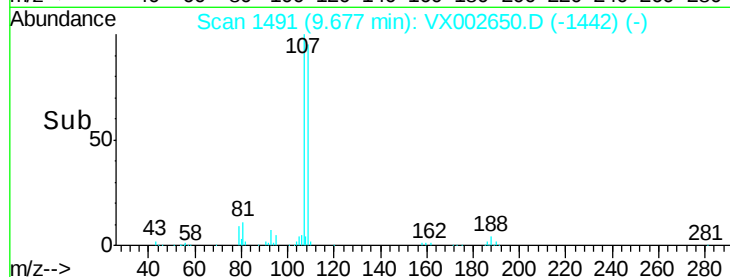
40000

20000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 51.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

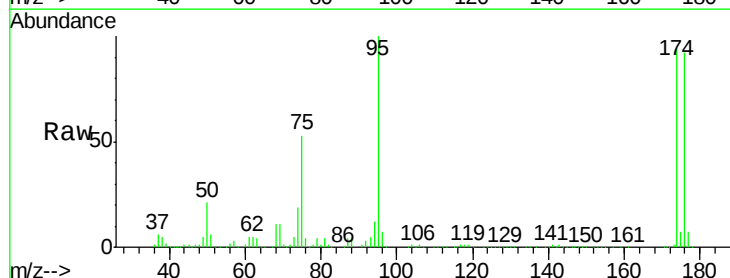
Tgt Ion: 95 Resp: 178842

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

176 95.3 0.0 181.0



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

150000

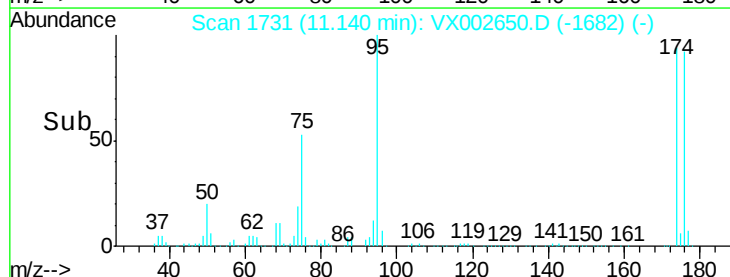
100000

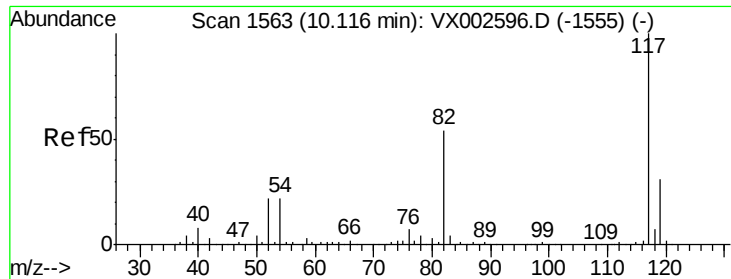
50000

0

11.05 11.10 11.15 11.20

Time-->

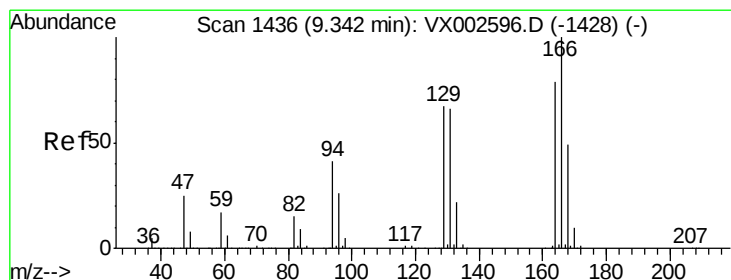
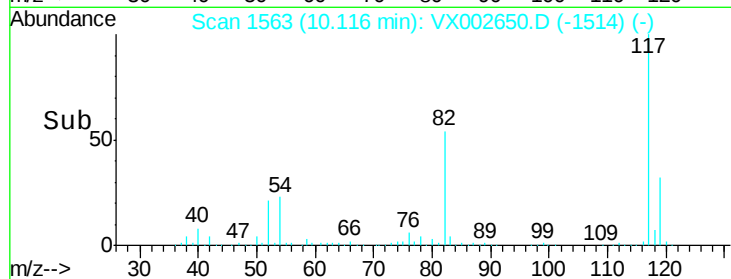
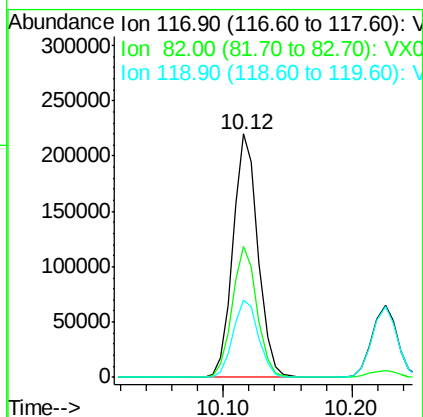
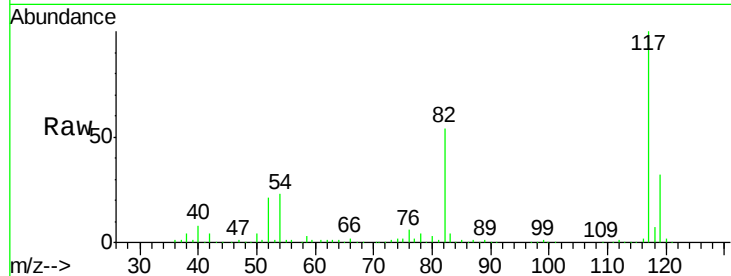




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

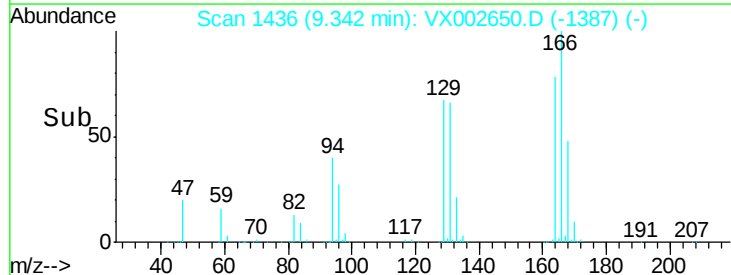
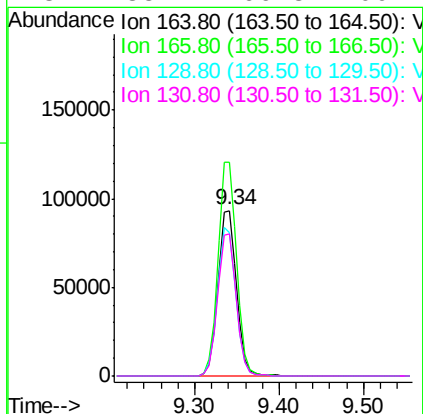
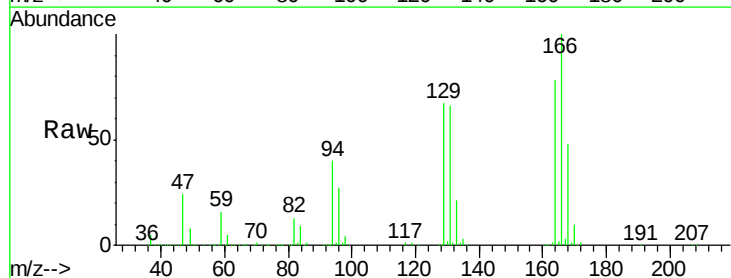
Instrument :
MSVOA_X
ClientSampled :

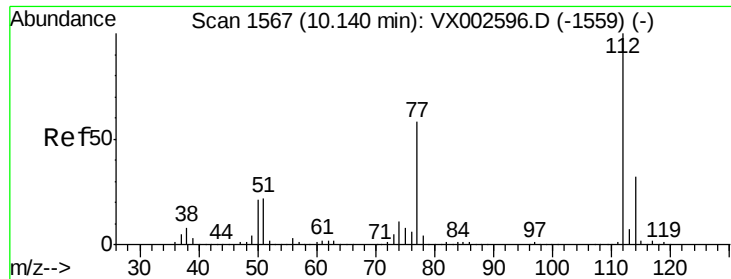
Tot Ion:117 Resp: 297171
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 43.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion:164 Resp: 143097
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 86.9 68.6 102.8
131 85.7 66.8 100.2





#65

Chlorobenzene

Concen: 50.35 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

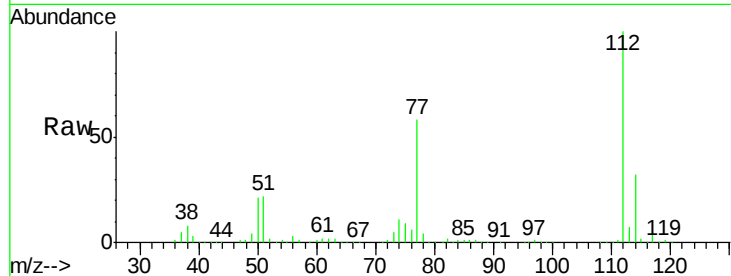
ClientSampled :

Tot Ion:112 Resp: 367489

Ion Ratio Lower Upper

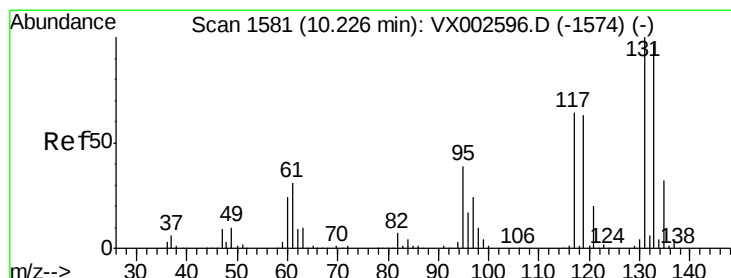
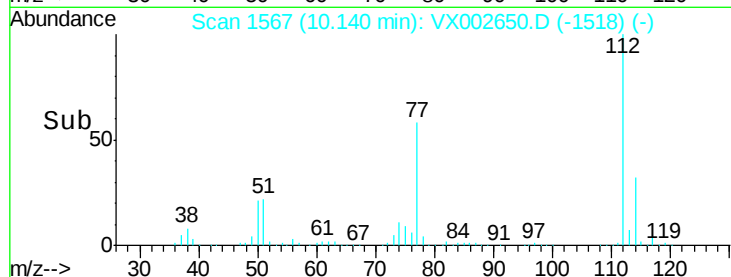
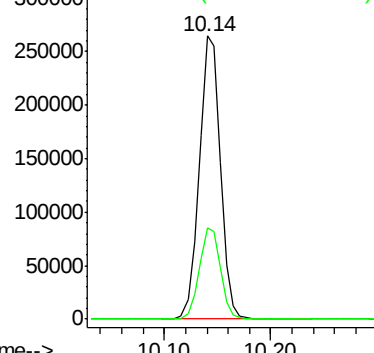
112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.01 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

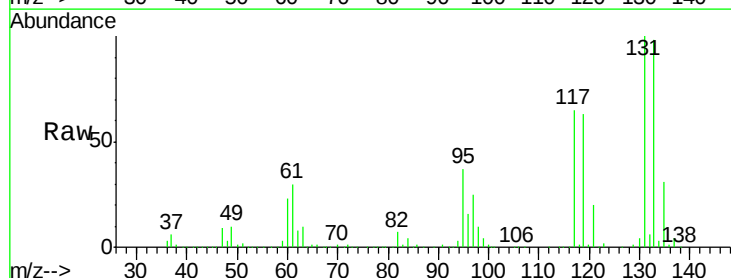
Tgt Ion:131 Resp: 134372

Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.6

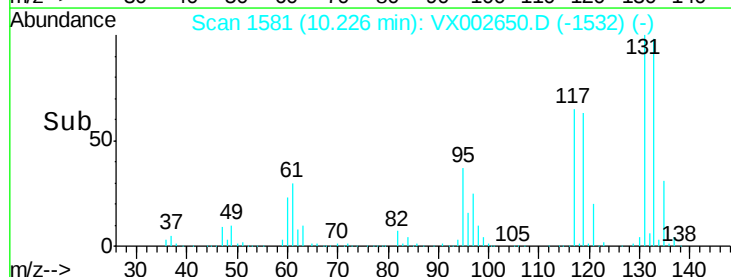
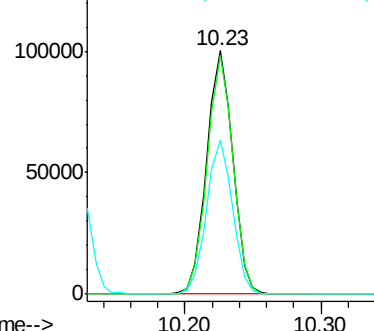
119 63.1 31.8 95.3

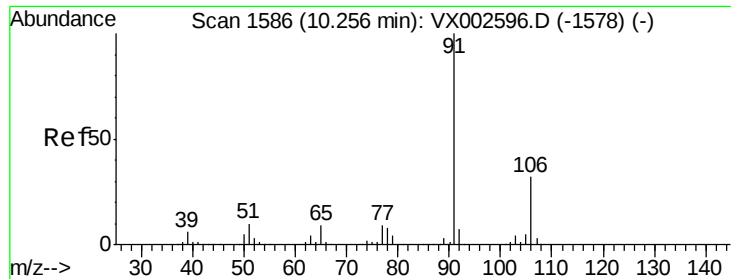


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.68 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

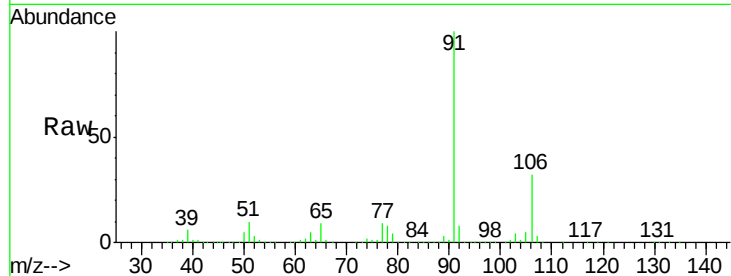
ClientSampleId :

Tot Ion: 91 Resp: 599272

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

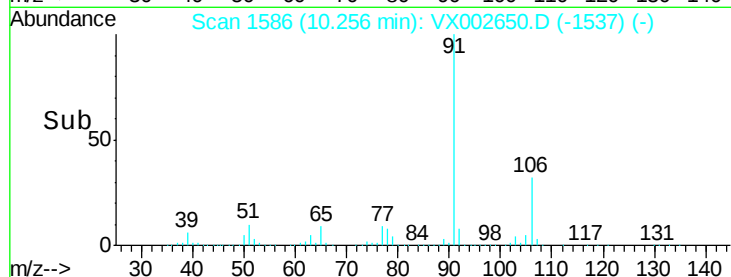
600000

400000

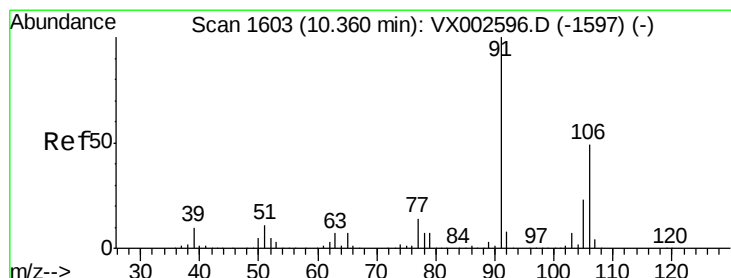
200000

0

10.20 10.25 10.30 10.35



Time-->



#68

m/p-Xylenes

Concen: 97.92 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002650.D

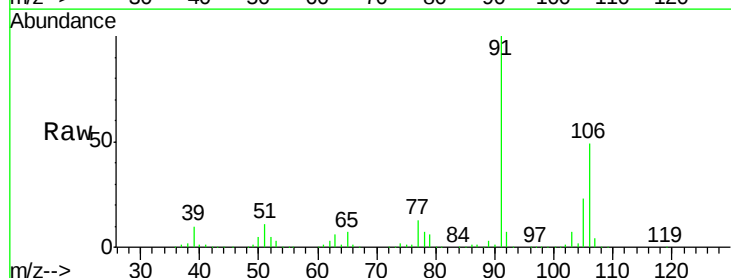
Acq: 16 Jun 2018 16:00

Tgt Ion: 106 Resp: 464959

Ion Ratio Lower Upper

106 100

91 204.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

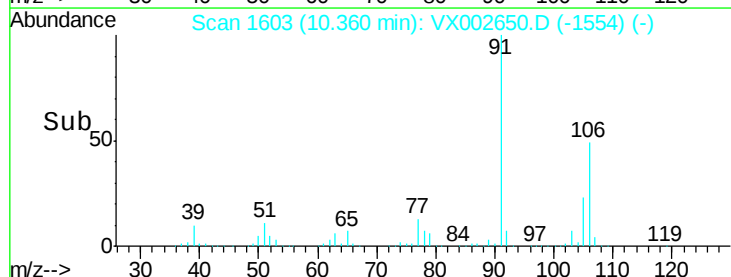
600000

400000

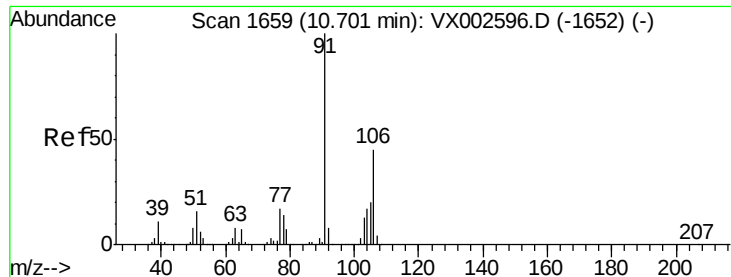
200000

0

10.30 10.40



Time-->



#69

o-Xylene

Concen: 50.05 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

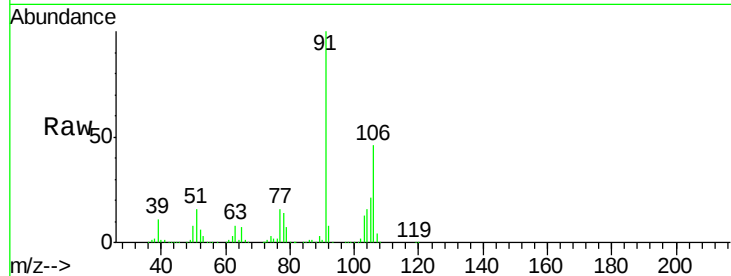
ClientSampled :

Tot Ion:106 Resp: 233473

Ion Ratio Lower Upper

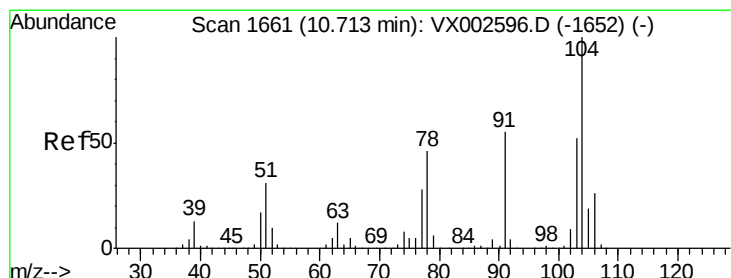
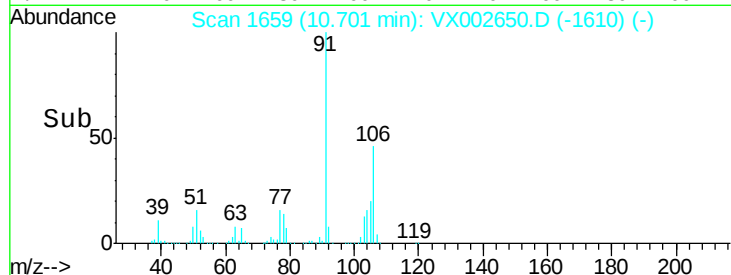
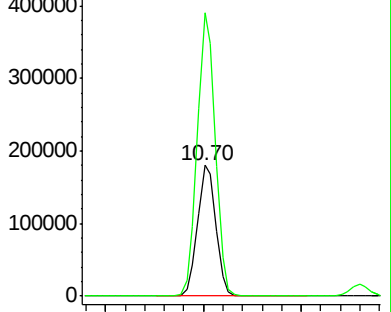
106 100

91 213.8 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 51.81 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

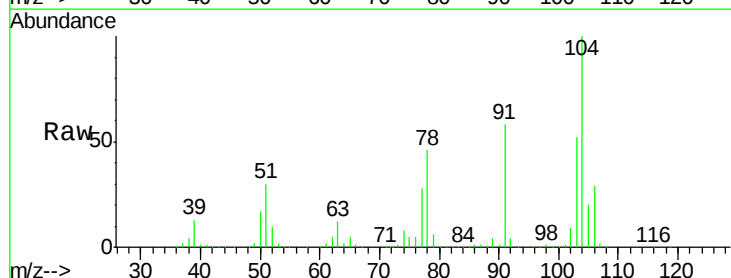
Tgt Ion:104 Resp: 397488

Ion Ratio Lower Upper

104 100

78 50.3 41.0 61.6

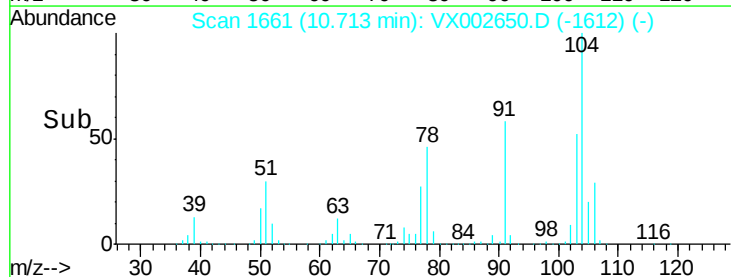
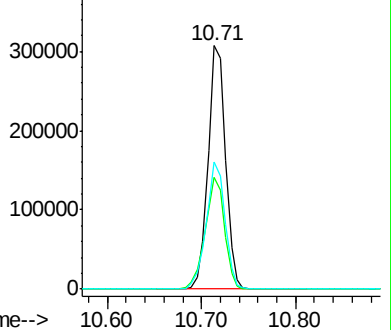
103 56.0 44.2 66.4

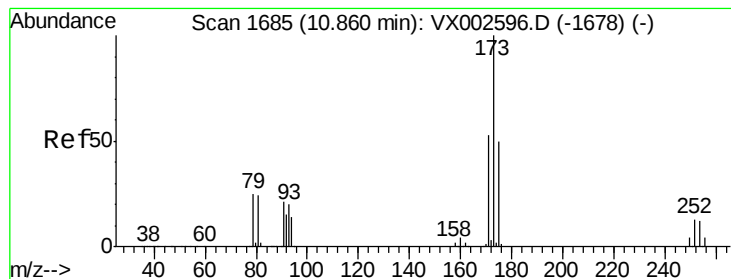


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.51 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

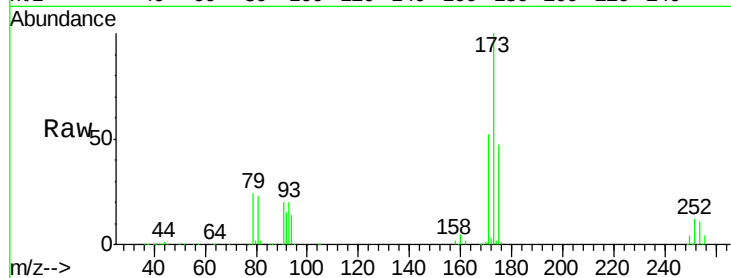
Tot Ion:173 Resp: 107023

Ion Ratio Lower Upper

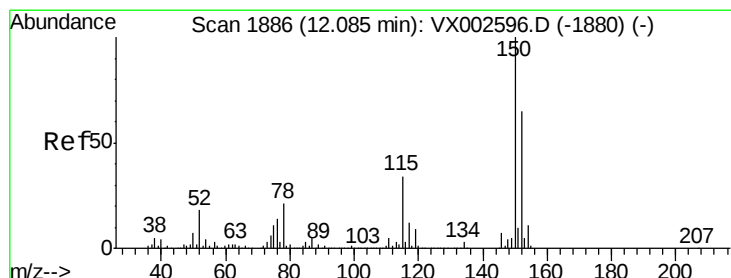
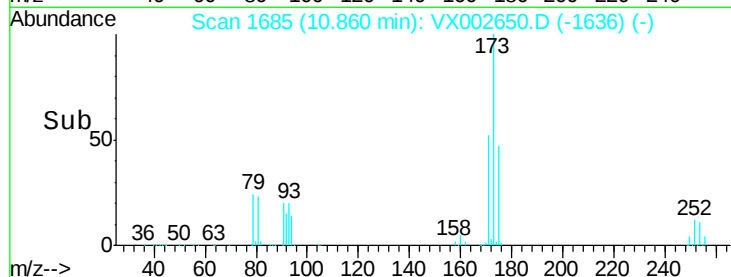
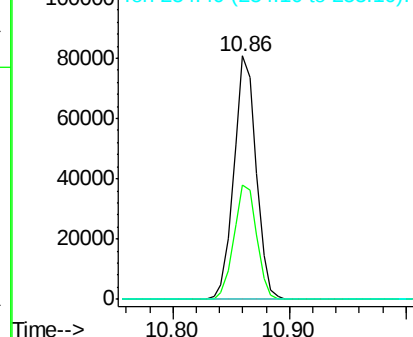
173 100

175 48.2 24.7 74.1

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

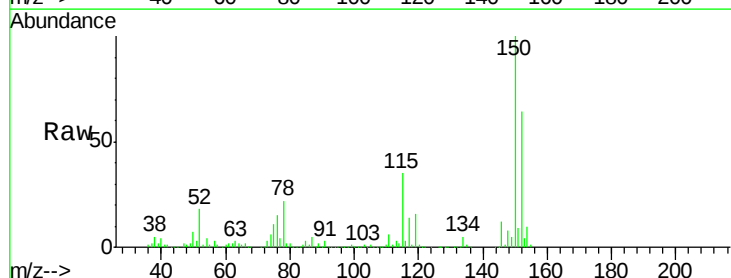
Tgt Ion:152 Resp: 191143

Ion Ratio Lower Upper

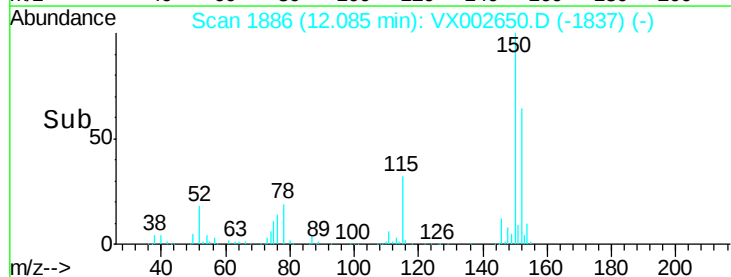
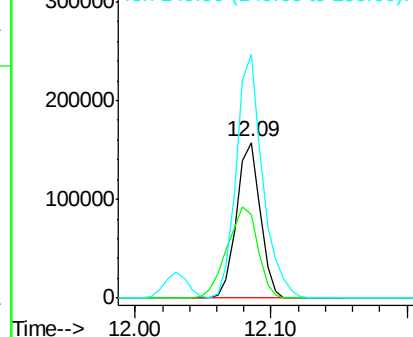
152 100

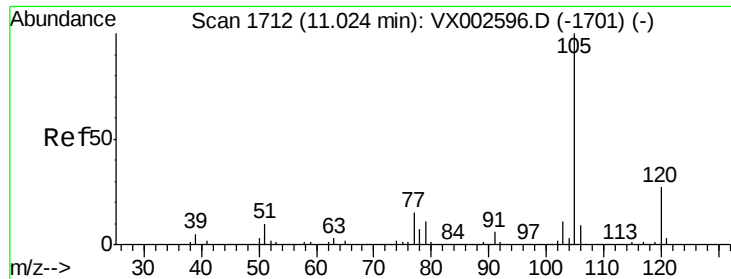
115 76.2 40.1 120.2

150 173.6 0.0 347.2



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: 47.21 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

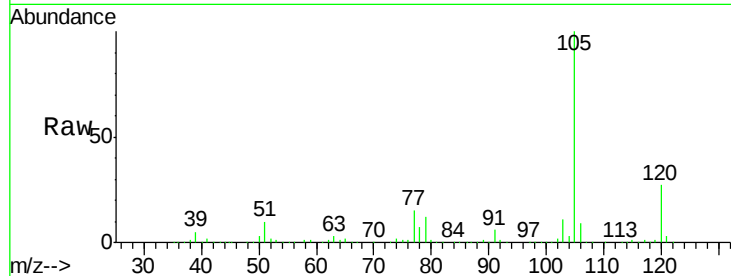
ClientSampled :

Tot Ion:105 Resp: 603559

Ion Ratio Lower Upper

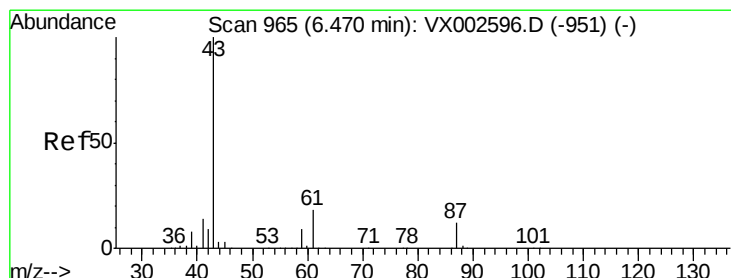
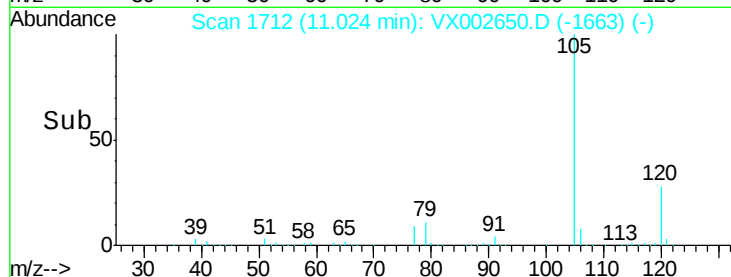
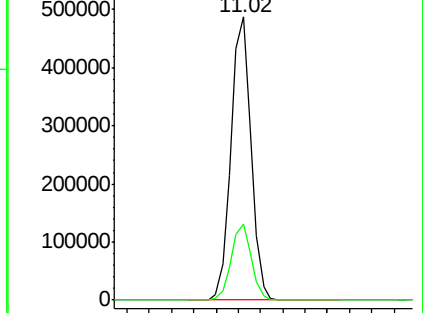
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Tgt Ion: 43 Resp: 313032

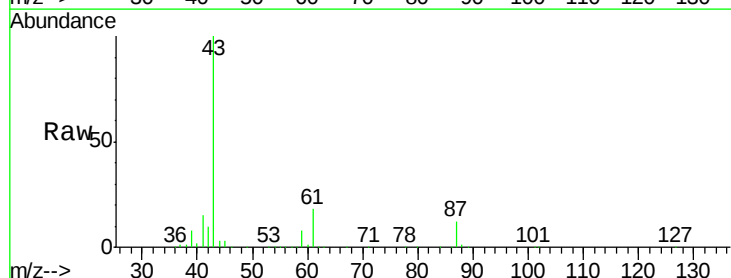
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6

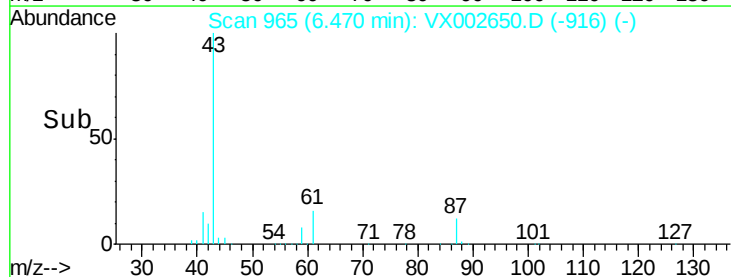
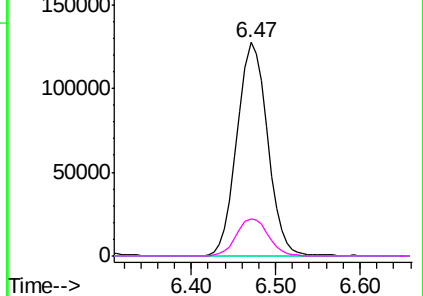


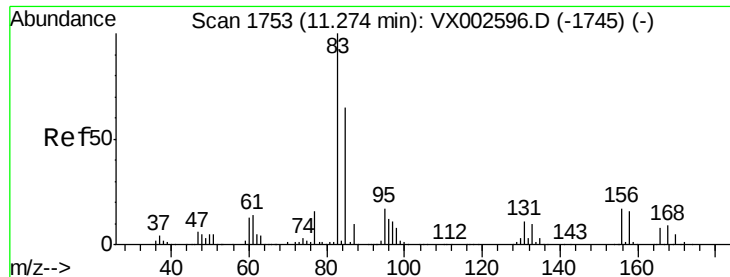
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

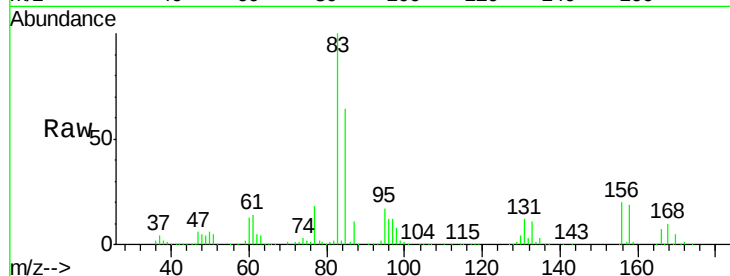
Tot Ion: 83 Resp: 203618

Ion Ratio Lower Upper

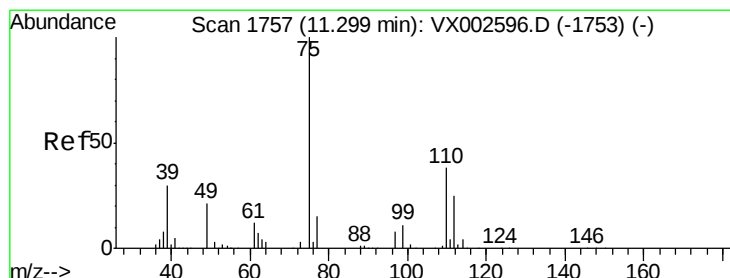
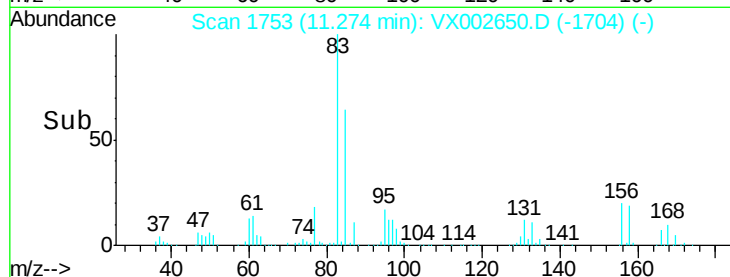
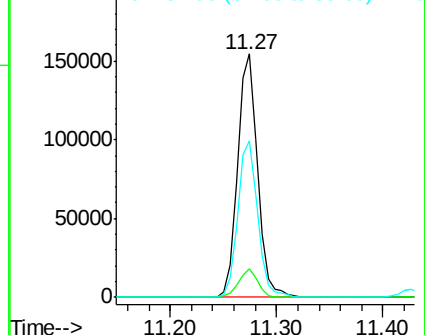
83 100

131 11.3 5.6 16.8

85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.36 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002650.D

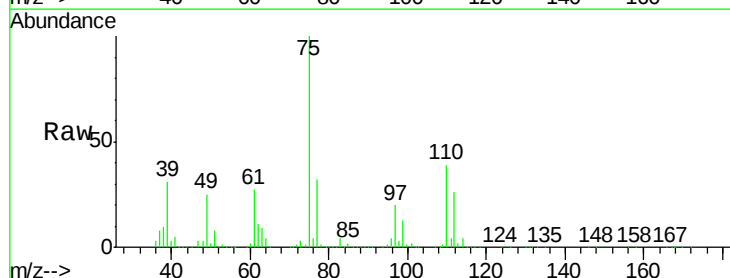
Acq: 16 Jun 2018 16:00

Tgt Ion: 75 Resp: 210513

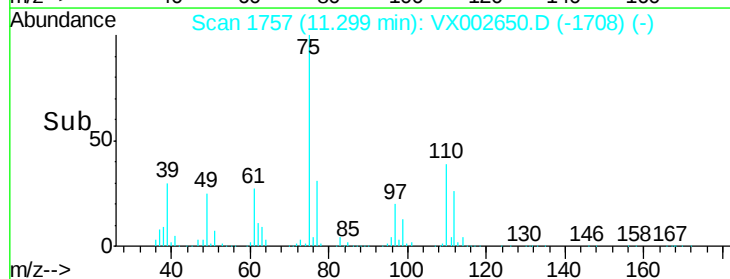
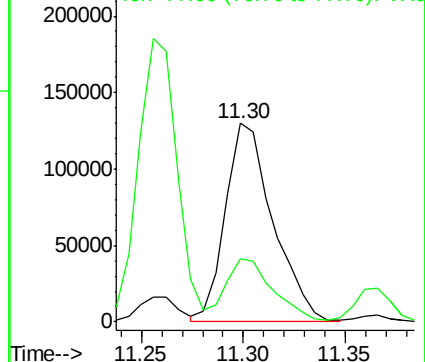
Ion Ratio Lower Upper

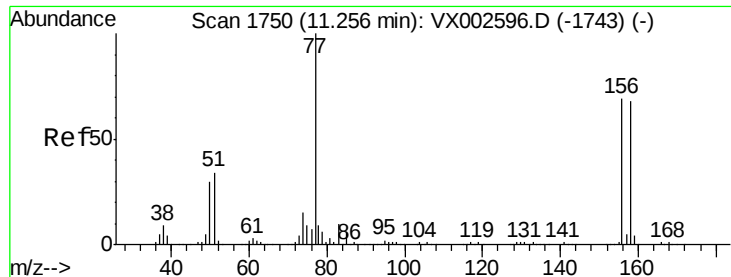
75 100

77 31.8 22.8 68.3



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





#77

Bromobenzene

Concen: 50.57 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

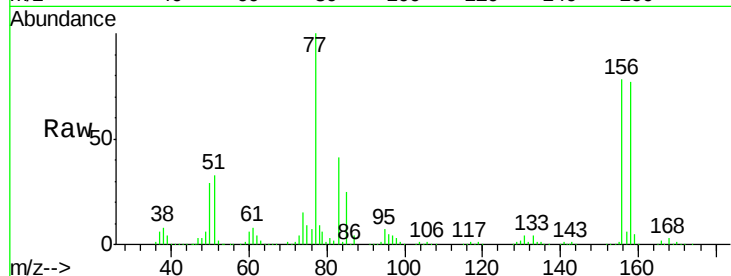
Tot Ion:156 Resp: 180097

Ion Ratio Lower Upper

156 100

77 135.7 71.4 214.2

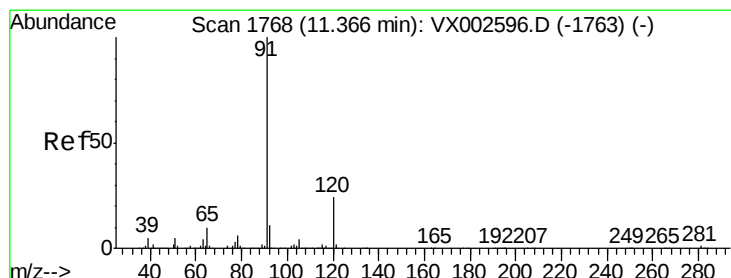
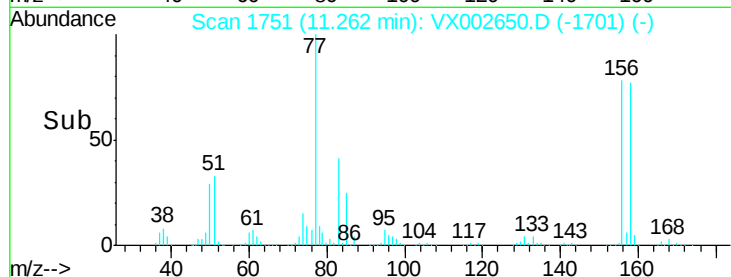
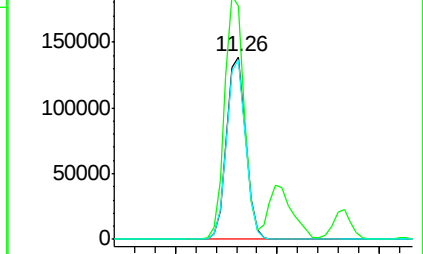
158 97.5 48.9 146.6



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: 46.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002650.D

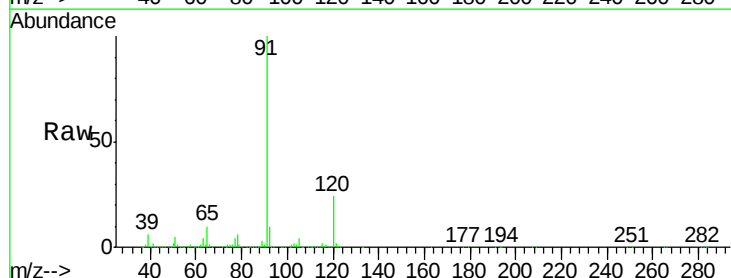
Acq: 16 Jun 2018 16:00

Tgt Ion: 91 Resp: 678797

Ion Ratio Lower Upper

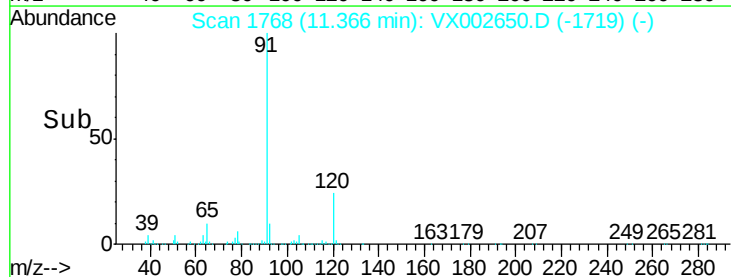
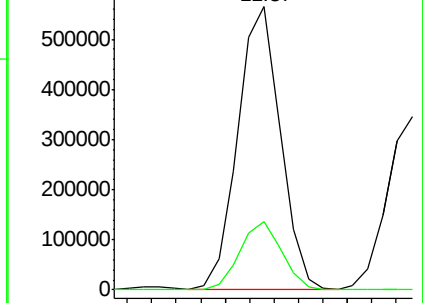
91 100

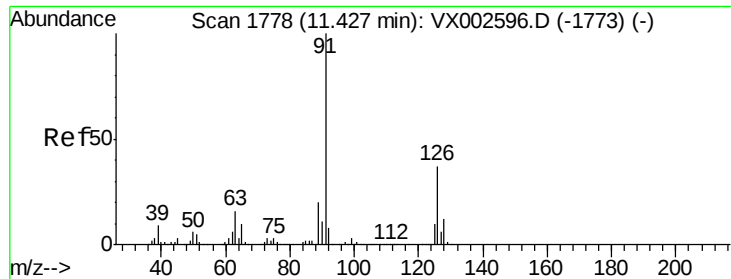
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

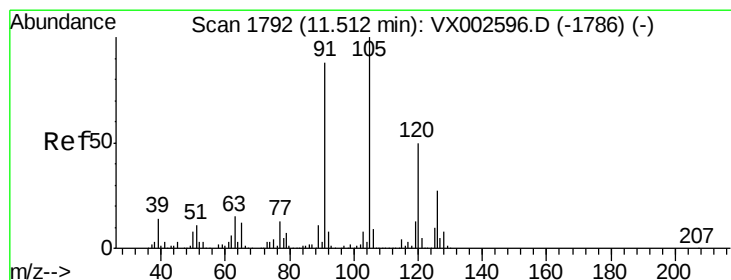
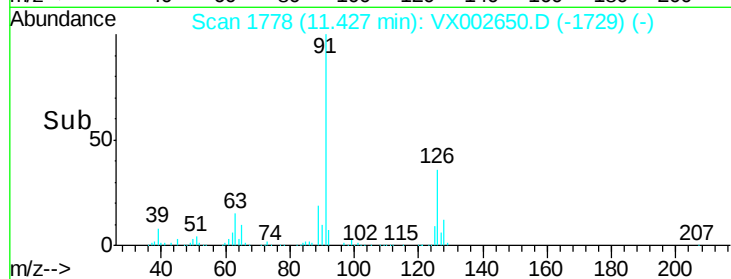
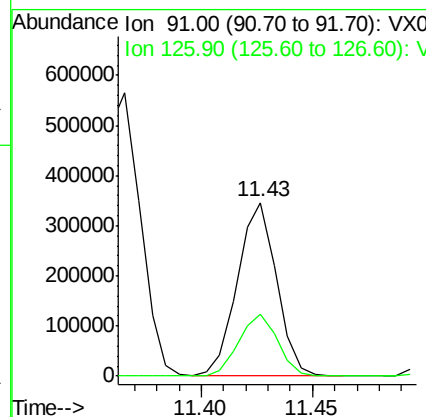
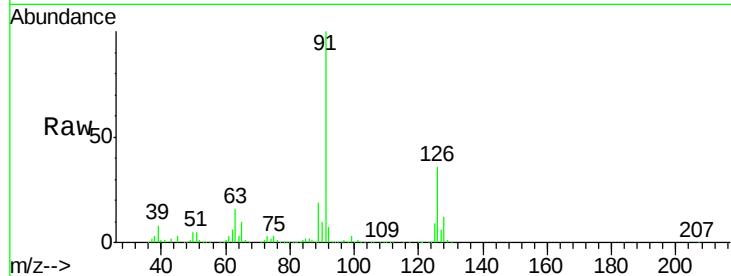




#79
 2-Chlorotoluene
 Concen: 48.24 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

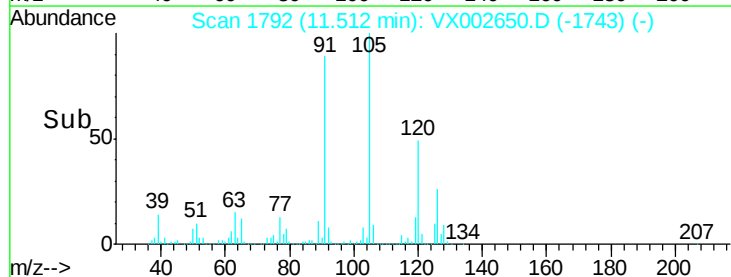
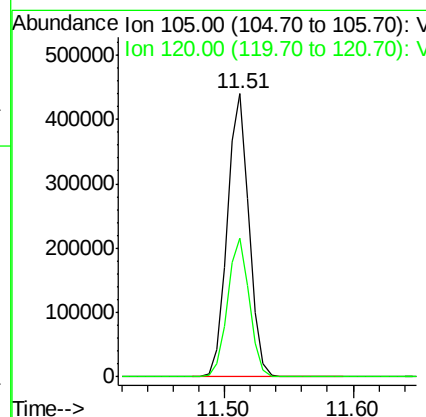
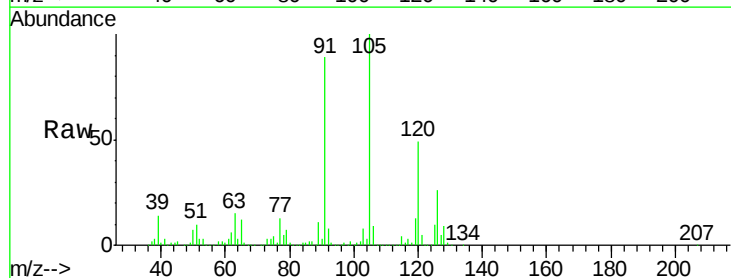
Instrument :
 MSVOA_X
 ClientSampled :

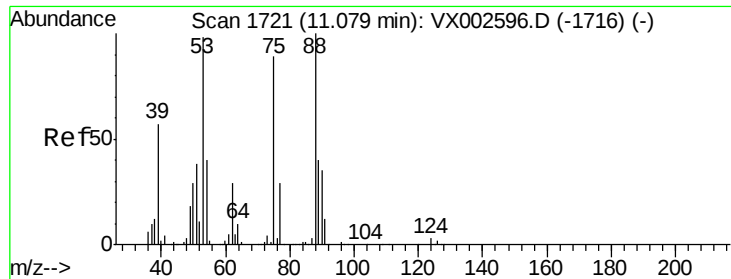
Tot Ion: 91 Resp: 422290
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.30 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion: 105 Resp: 521789
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.4

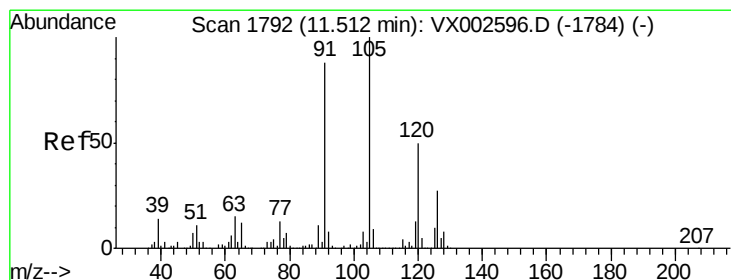
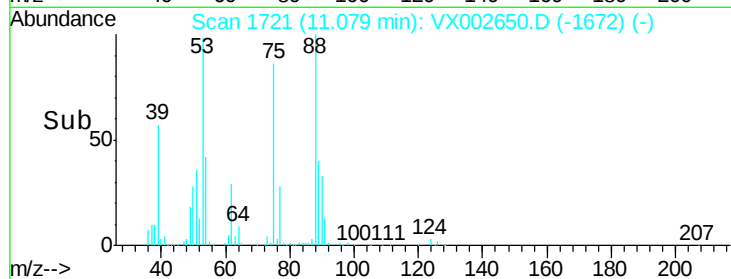
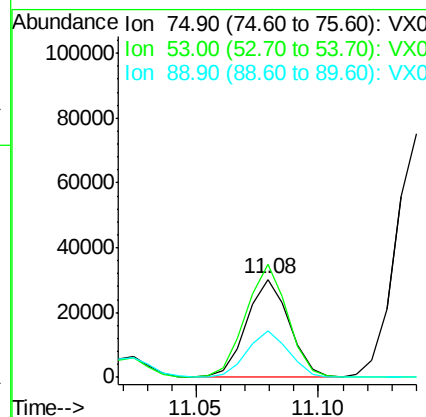
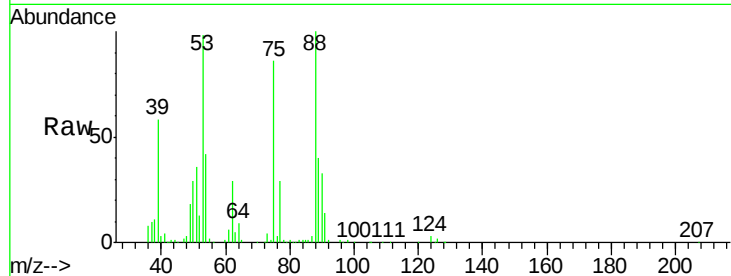




#81
trans-1,4-Dichloro-2-butene
Concen: 33.53 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

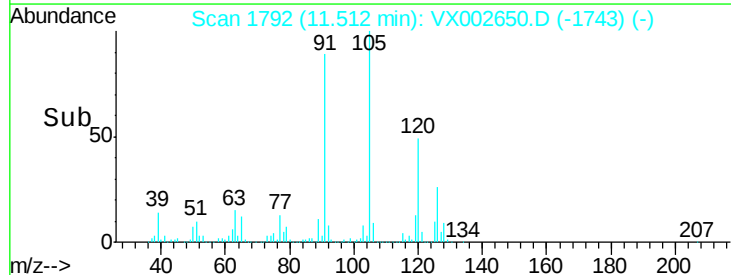
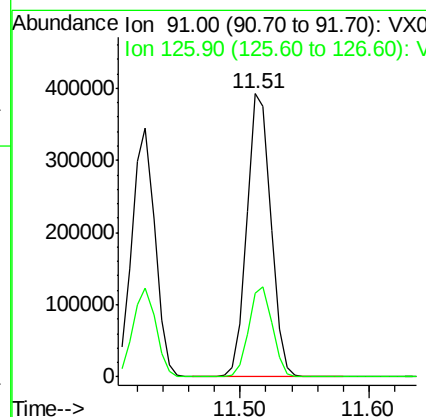
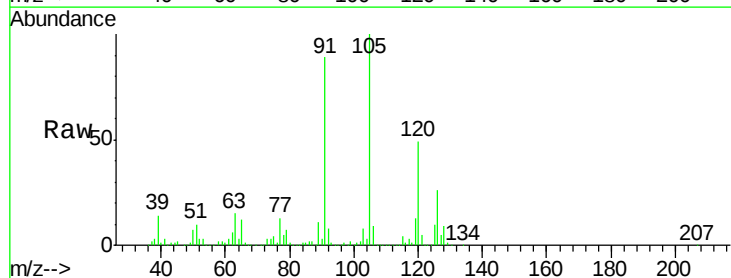
Instrument :
MSVOA_X
ClientSampled :

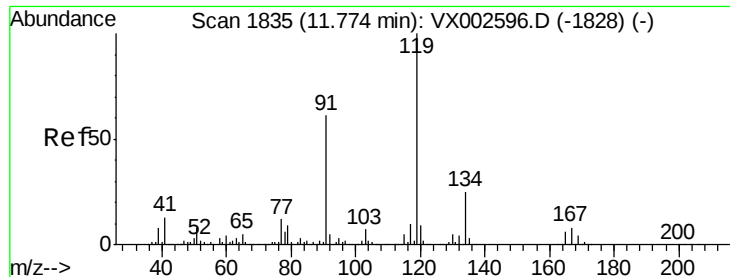
Tot Ion: 75 Resp: 36096
Ion Ratio Lower Upper
75 100
53 114.4 86.8 130.2
89 47.4 38.2 57.2



#82
4-Chlorotoluene
Concen: 48.62 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 91 Resp: 502182
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4

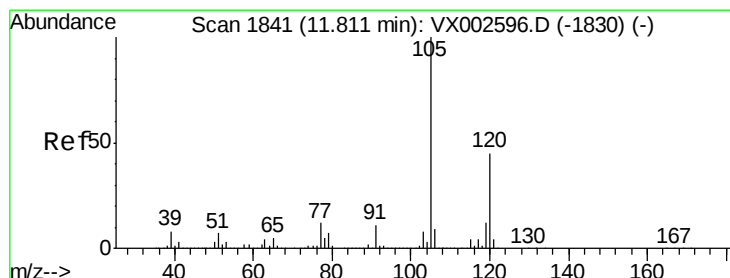
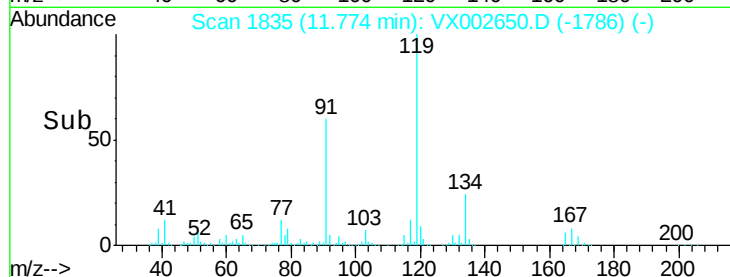
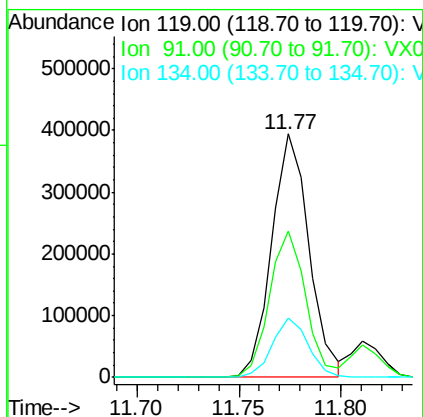
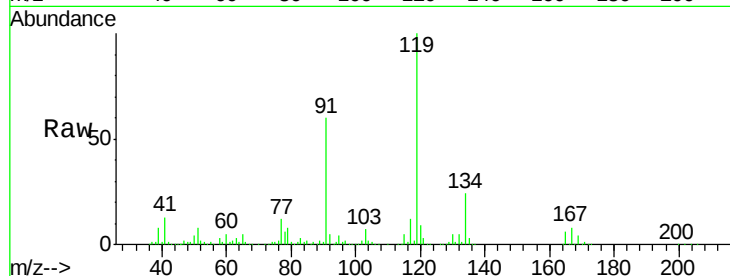




#83
tert-Butylbenzene
Concen: 48.35 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

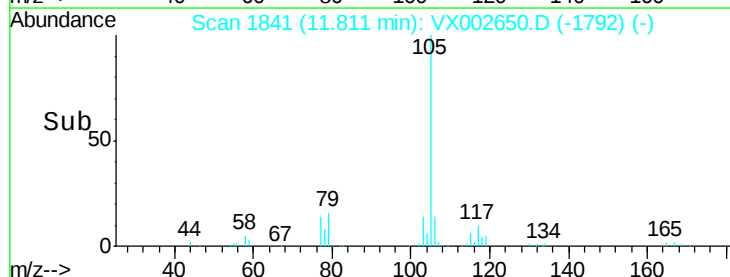
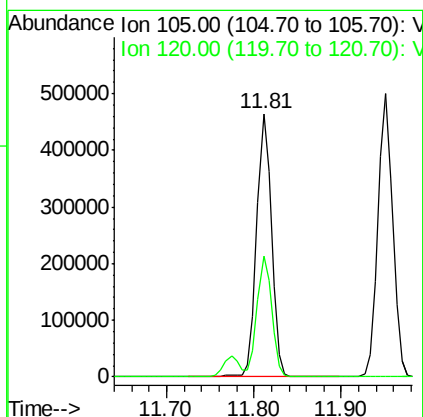
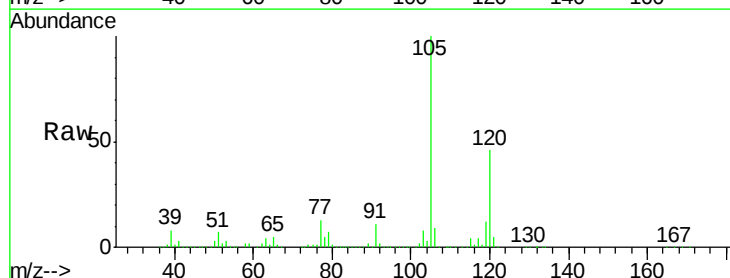
Instrument :
MSVOA_X
ClientSampleId :

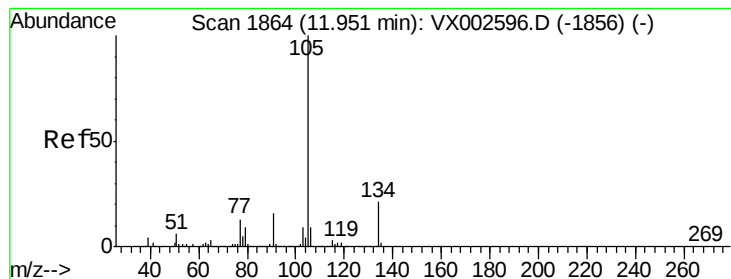
Tot Ion:119 Resp: 503263
Ion Ratio Lower Upper
119 100
91 58.6 30.3 90.9
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 49.25 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion:105 Resp: 542940
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 45.70 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

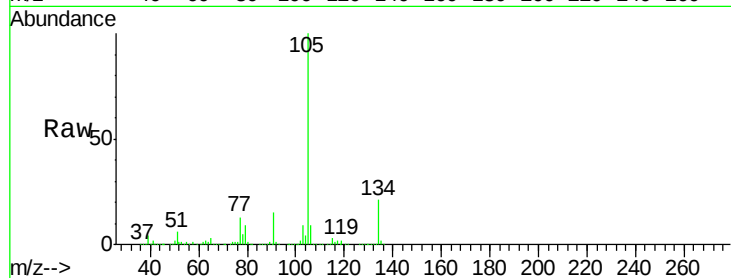
ClientSampled :

Tot Ion:105 Resp: 591414

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

500000

400000

300000

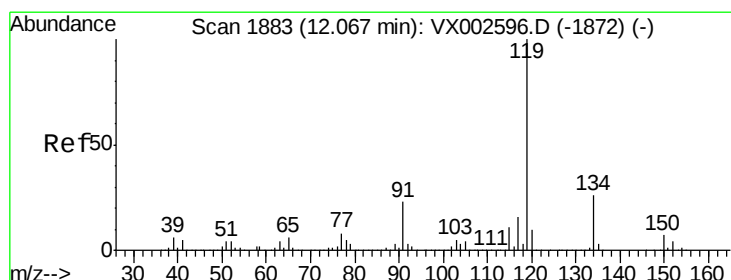
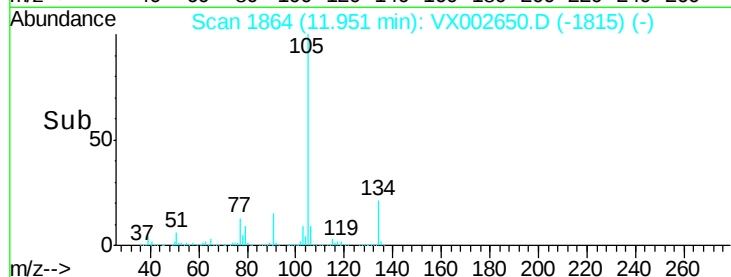
200000

100000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 46.08 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

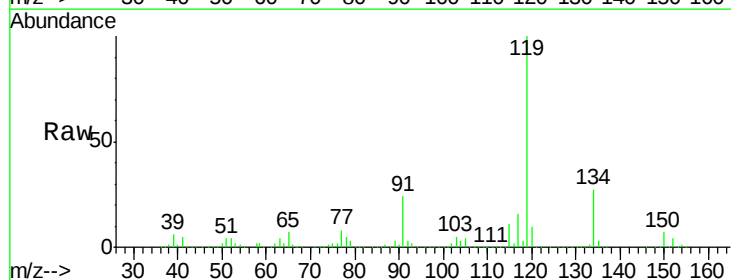
Tgt Ion:119 Resp: 539598

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.6 11.9 35.7



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): V

600000

500000

400000

300000

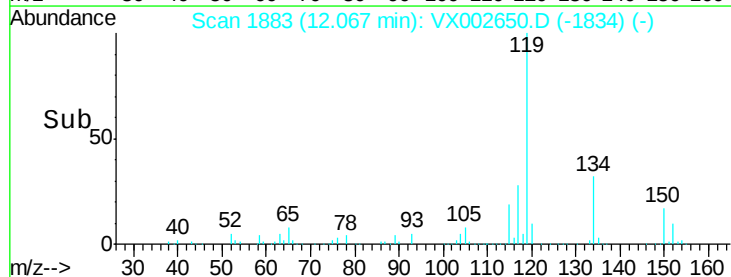
200000

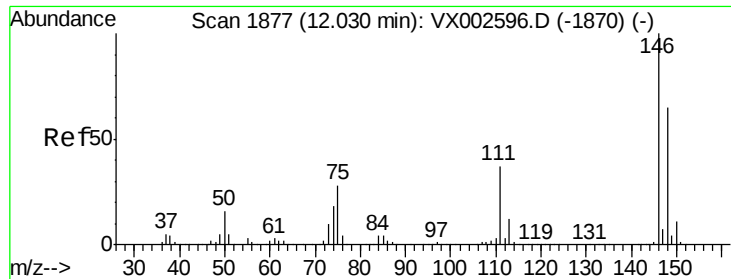
100000

0

12.00 12.10

Time-->

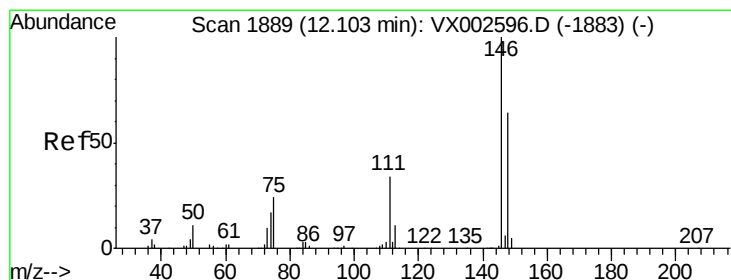
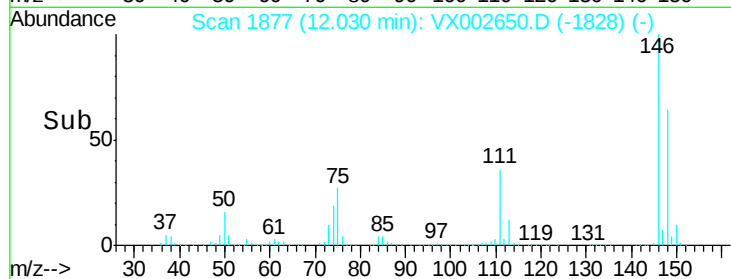
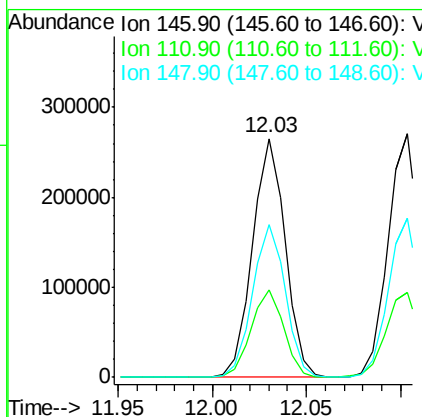
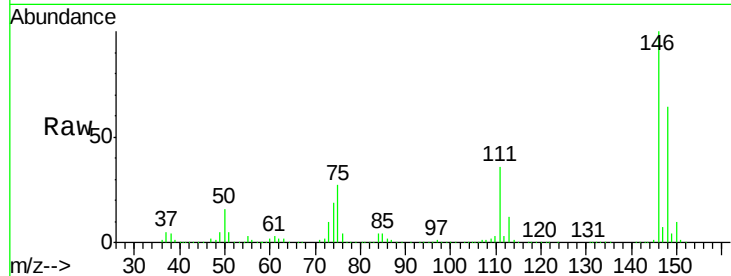




#87
 1,3-Dichlorobenzene
 Concen: 48.97 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

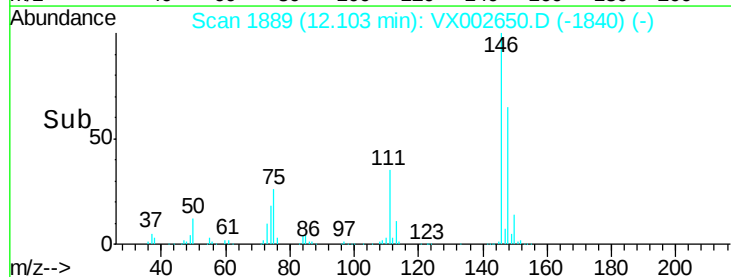
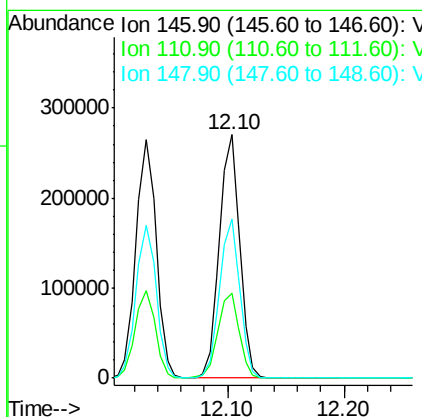
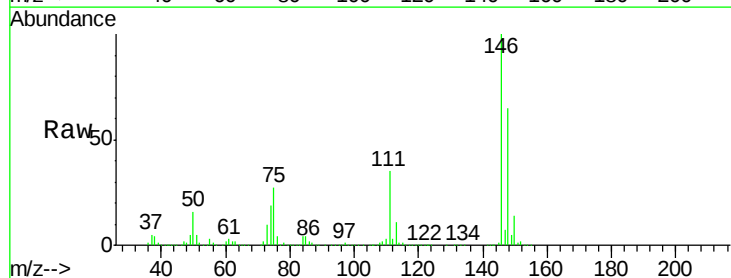
Instrument :
 MSVOA_X
 ClientSampleId :

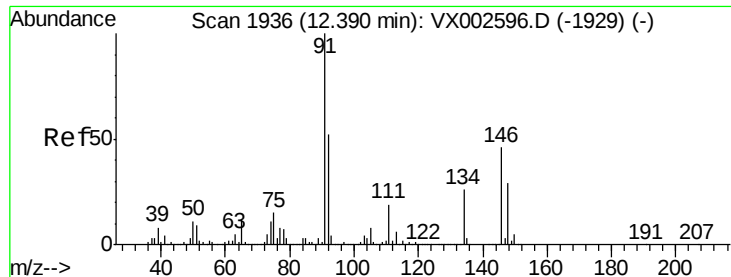
Tot Ion:146 Resp: 319855
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.06 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion:146 Resp: 326049
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.7 56.1
 148 64.9 32.4 97.0





#89

n-Butylbenzene

Concen: 43.53 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

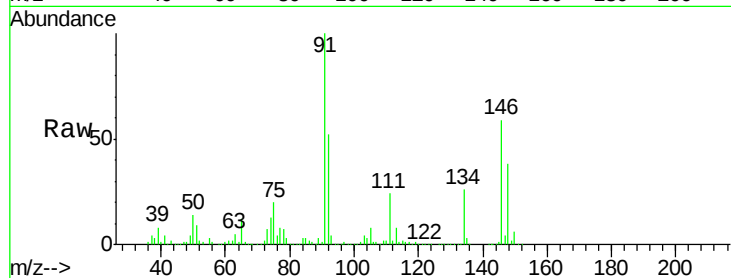
Tot Ion: 91 Resp: 449656

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

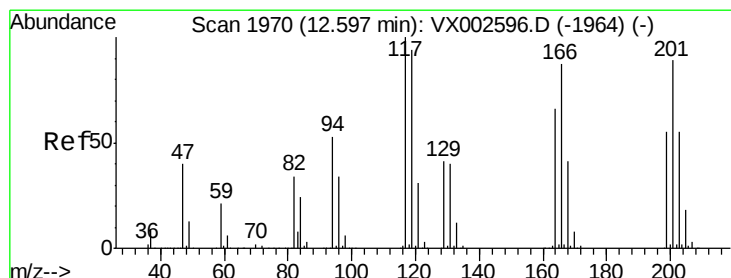
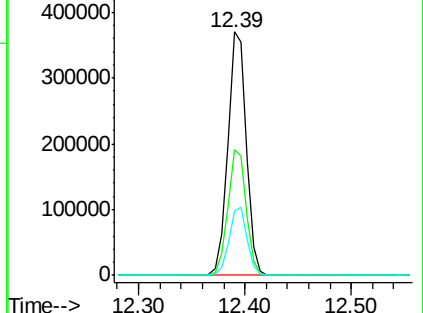
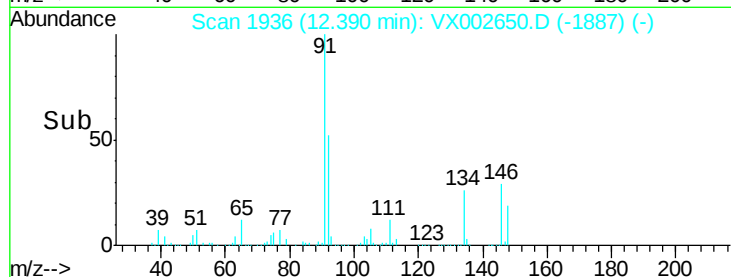
134 27.3 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002650.D (-1921) (-)

Ion 92.00 (91.70 to 92.70): VX002650.D (-1921) (-)

Ion 134.00 (133.70 to 134.70): VX002650.D (-1921) (-)



#90

Hexachloroethane

Concen: 43.67 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002650.D

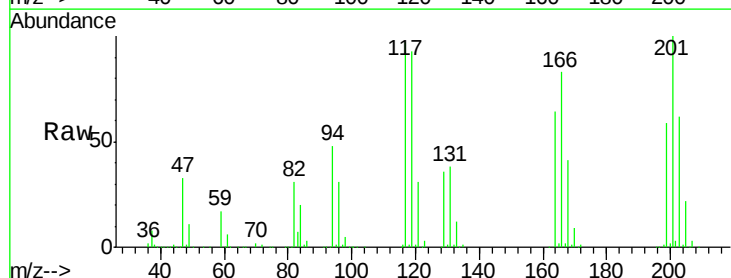
Acq: 16 Jun 2018 16:00

Tgt Ion: 117 Resp: 79072

Ion Ratio Lower Upper

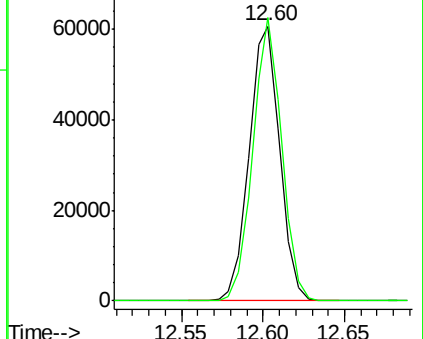
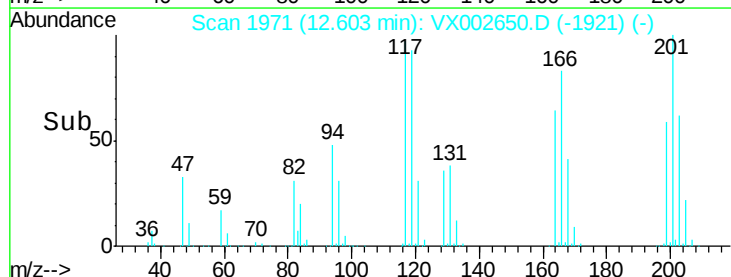
117 100

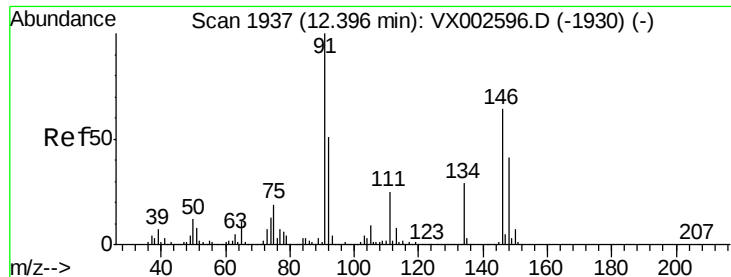
201 97.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002650.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX002650.D (-1921) (-)

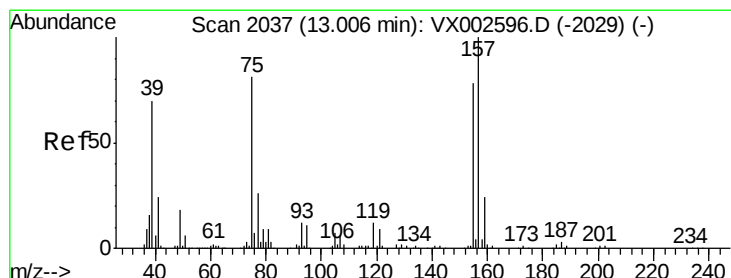
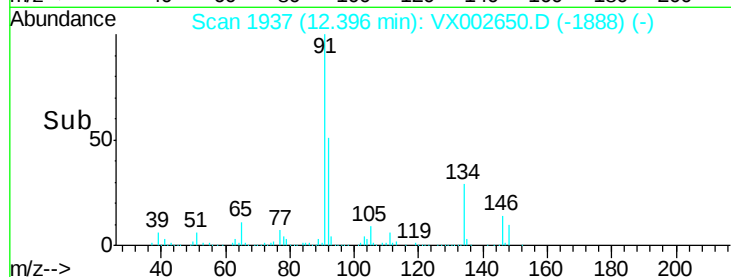
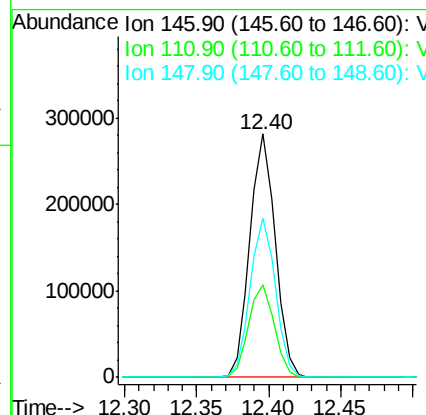
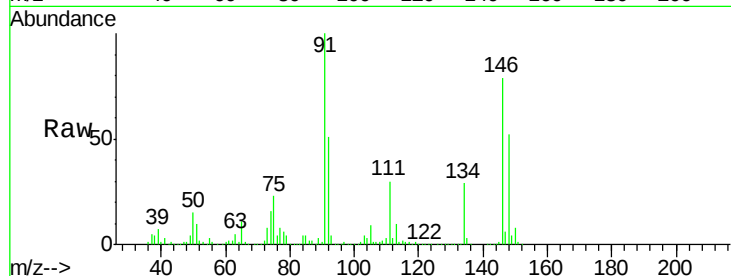




#91
 1,2-Dichlorobenzene
 Concen: 52.37 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

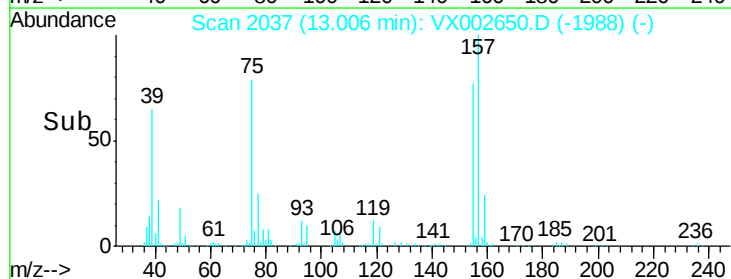
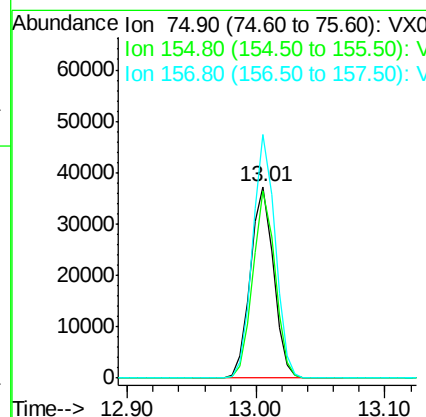
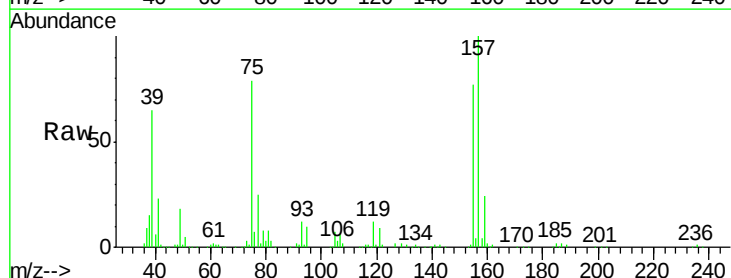
Instrument :
 MSVOA_X
 ClientSampleId :

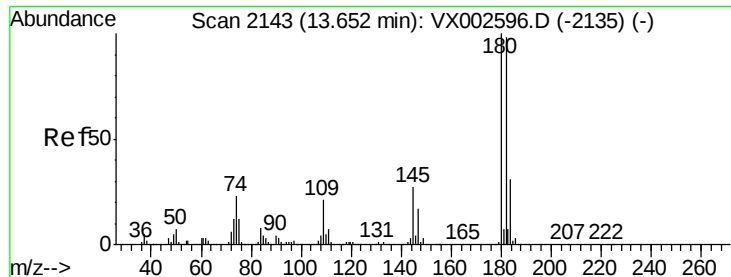
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.9	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.06 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	45.8	137.4
157	123.4	60.1	180.3

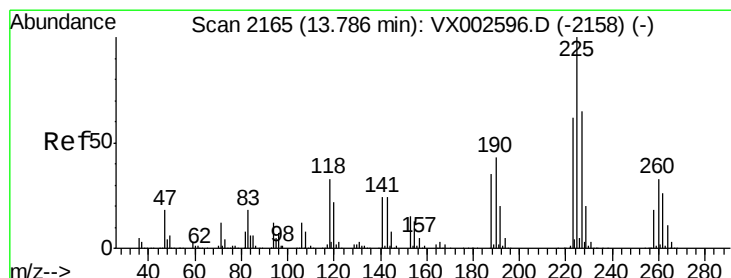
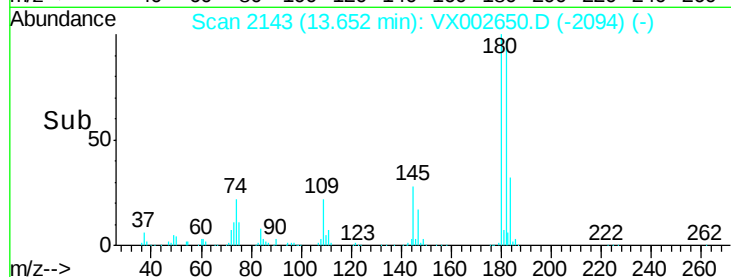
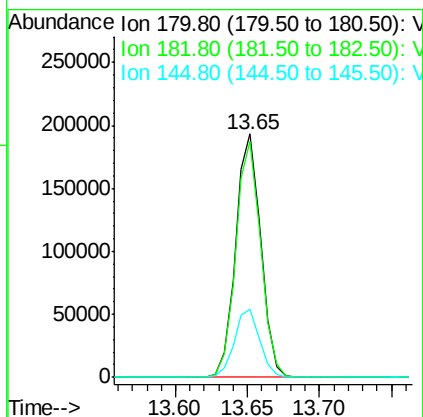
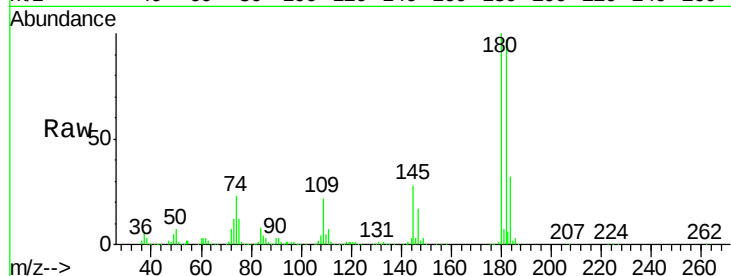




#93
 1,2,4-Trichlorobenzene
 Concen: 49.15 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

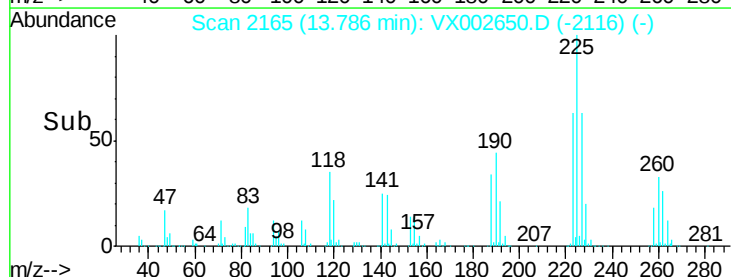
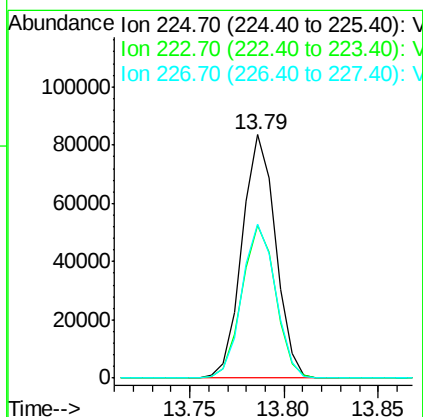
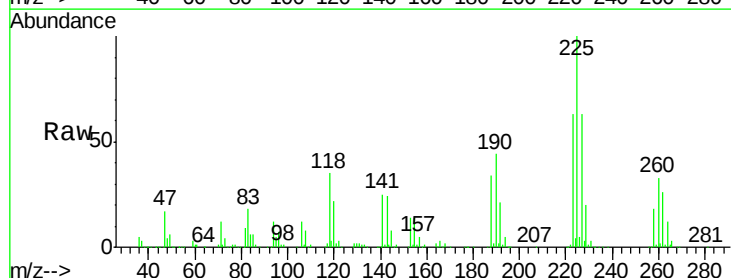
Instrument :
 MSVOA_X
 ClientSampleId :

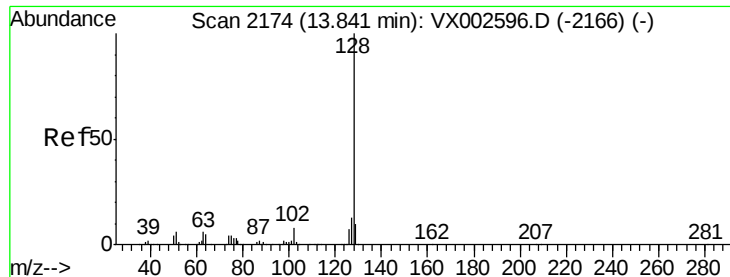
Tot Ion:180 Resp: 234508
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 40.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion:225 Resp: 102880
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 63.4 32.4 97.2

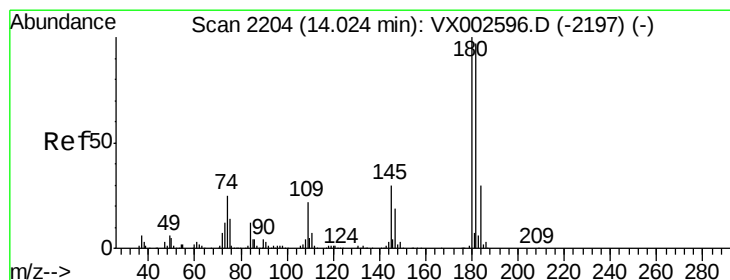
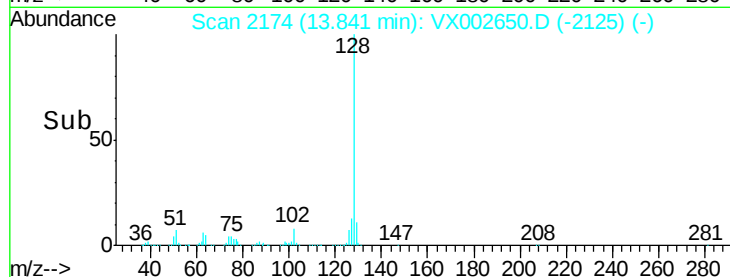
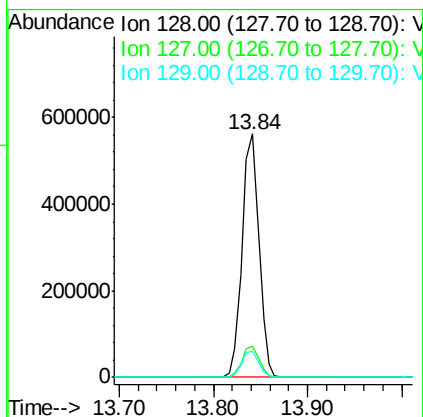
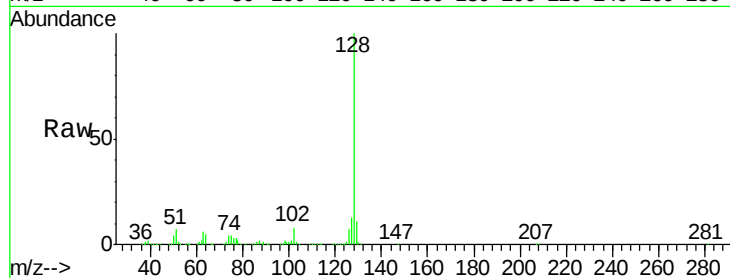




#95
Naphthalene
Concen: 54.74 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 702767
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.29 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion:180 Resp: 245747
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.0
145 29.2 14.8 44.3

