

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002039.D
 Acq On : 27 May 2018 00:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:41:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	218236	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
35) Dibromofluoromethane	5.51	113	173730	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
50) Toluene-d8	8.72	98	642129	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	11.14	95	252280	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155736	45.65	ug/l	99
3) Chloromethane	1.33	50	197695	47.32	ug/l	100
4) Vinyl Chloride	1.41	62	201102	49.85	ug/l	99
5) Bromomethane	1.64	94	109536	59.17	ug/l	98
6) Chloroethane	1.72	64	126514	53.20	ug/l	99
7) Trichlorofluoromethane	1.93	101	317181	52.36	ug/l	98
8) Diethyl Ether	2.20	74	117681	53.54	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172324	50.98	ug/l	98
10) Methyl Iodide	2.51	142	229071	50.08	ug/l	98
11) Tert butyl alcohol	3.09	59	267475	280.74	ug/l	98
12) 1,1-Dichloroethene	2.38	96	163433	51.64	ug/l	99
13) Acrolein	2.30	56	73833	179.23	ug/l	98
14) Allyl chloride	2.73	41	339303	51.07	ug/l	99
15) Acrylonitrile	3.16	53	516095	263.42	ug/l	99
16) Acetone	2.45	43	489478	261.31	ug/l	99
17) Carbon Disulfide	2.57	76	432898	47.52	ug/l	100
18) Methyl Acetate	2.79	43	262535	58.37	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	631634	53.06	ug/l	100
20) Methylene Chloride	2.86	84	184846	57.23	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	171850	55.96	ug/l	98
22) Diisopropyl ether	3.89	45	659844	48.83	ug/l	98
23) Vinyl Acetate	3.84	43	2825182	252.15	ug/l	99
24) 1,1-Dichloroethane	3.70	63	324773	50.59	ug/l	99
25) 2-Butanone	4.72	43	776779	226.25	ug/l	99
26) 2,2-Dichloropropane	4.59	77	204179	31.42	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	193485	46.88	ug/l	93
28) Bromochloromethane	5.03	49	146317	54.43	ug/l	99
29) Tetrahydrofuran	5.18	42	508532	227.66	ug/l	100
30) Chloroform	5.23	83	337659	46.69	ug/l	98
31) Cyclohexane	5.58	56	297012	44.41	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	311667	46.23	ug/l	99
36) 1,1-Dichloropropene	5.81	75	240840	44.95	ug/l	98
37) Ethyl Acetate	4.87	43	307411	44.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	278728	44.61	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	286464	43.52	ug/l	98
40) Benzene	6.15	78	735223	46.84	ug/l	99
41) Methacrylonitrile	5.07	41	177279	48.04	ug/l	98
42) 1,2-Dichloroethane	6.21	62	287160	45.80	ug/l	100
43) Isopropyl Acetate	6.48	43	528751	45.43	ug/l	100
44) Trichloroethene	7.22	130	210313	45.98	ug/l	98
45) 1,2-Dichloropropane	7.52	63	202951	47.61	ug/l	99
46) Dibromomethane	7.67	93	130789	46.34	ug/l	99
47) Bromodichloromethane	7.90	83	267569	44.47	ug/l	99
48) Methyl methacrylate	7.78	41	268214	45.28	ug/l	99
49) 1,4-Dioxane	7.76	88	101476	972.20	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1658845	236.45	ug/l	99
52) Toluene	8.79	92	475916	47.64	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	304014	43.87	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	292612	43.33	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	192742	46.19	ug/l	99
56) Ethyl methacrylate	9.19	69	324446	45.20	ug/l	99
57) 1,3-Dichloropropane	9.38	76	326225	47.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	762237	239.60	ug/l	99
59) 2-Hexanone	9.50	43	1279372	236.51	ug/l	99
60) Dibromochloromethane	9.59	129	225594	45.64	ug/l	100
61) 1,2-Dibromoethane	9.68	107	206167	47.09	ug/l	99
64) Tetrachloroethene	9.34	164	238785	46.58	ug/l	99
65) Chlorobenzene	10.15	112	537449	47.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	209754	45.86	ug/l	100
67) Ethyl Benzene	10.26	91	938296	47.68	ug/l	99
68) m/p-Xylenes	10.37	106	715939	95.16	ug/l	100
69) o-Xylene	10.70	106	359609	47.87	ug/l	99
70) Styrene	10.72	104	593477	47.64	ug/l	100
71) Bromoform	10.86	173	189761	43.75	ug/l #	99
73) Isopropylbenzene	11.02	105	960193	46.48	ug/l	100
74) N-amyl acetate	6.48	43	528751	49.29	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	287673	50.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	358074	61.11	ug/l	81
77) Bromobenzene	11.26	156	258023	47.08	ug/l	97
78) n-propylbenzene	11.37	91	1079009	46.63	ug/l	100
79) 2-Chlorotoluene	11.43	91	650744	51.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	819581	46.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	89991	36.91	ug/l	95
82) 4-Chlorotoluene	11.52	91	768275	47.08	ug/l	99
83) tert-Butylbenzene	11.77	119	798517	46.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	842834	46.20	ug/l	99
85) sec-Butylbenzene	11.95	105	979227	47.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	871771	46.78	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	460296	46.89	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	463482	47.23	ug/l	99
89) n-Butylbenzene	12.39	91	737267	46.69	ug/l	100
90) Hexachloroethane	12.60	117	157575	42.87	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	476767	47.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	77357	42.12	ug/l	99

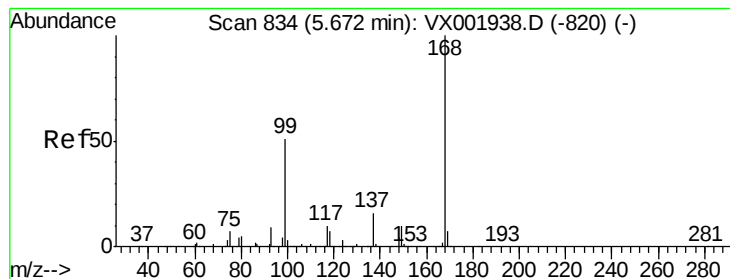
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	338368	47.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	176925	45.99	ug/l	99
95) Naphthalene	13.84	128	1031315	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	350817	47.41	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

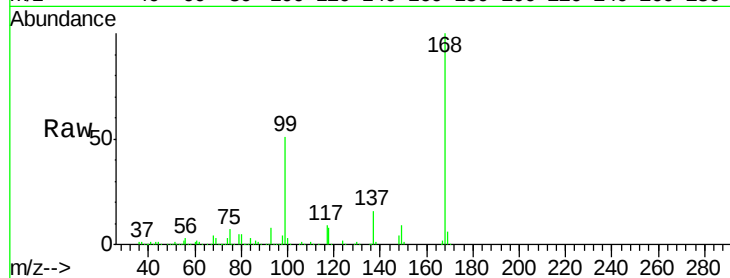
ClientSampleId :

Tot Ion:168 Resp: 271536

Ion Ratio Lower Upper

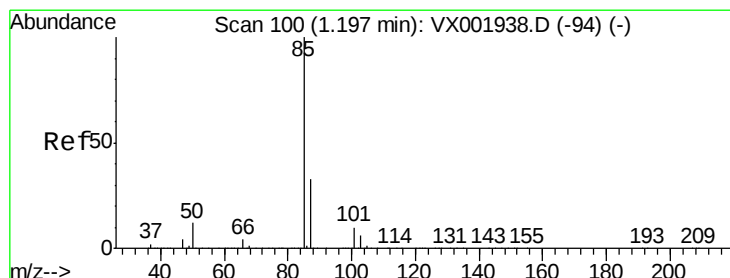
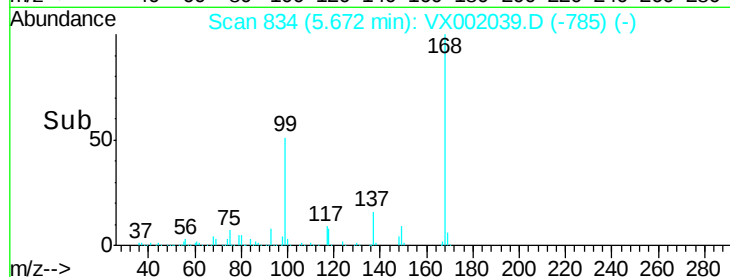
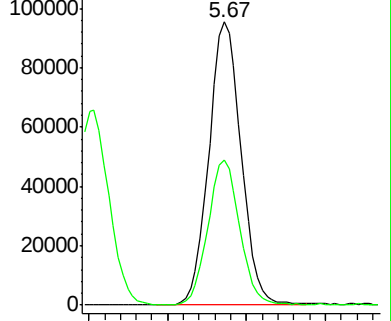
168 100

99 51.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.65 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX002039.D

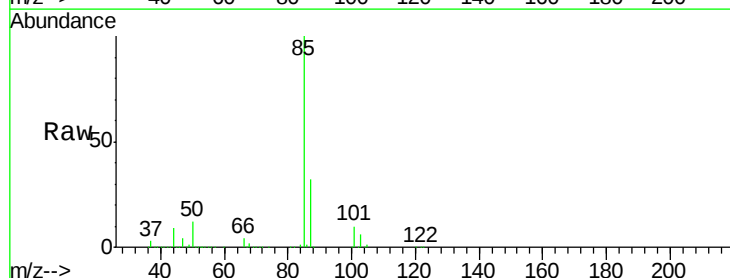
Acq: 27 May 2018 00:46

Tgt Ion: 85 Resp: 155736

Ion Ratio Lower Upper

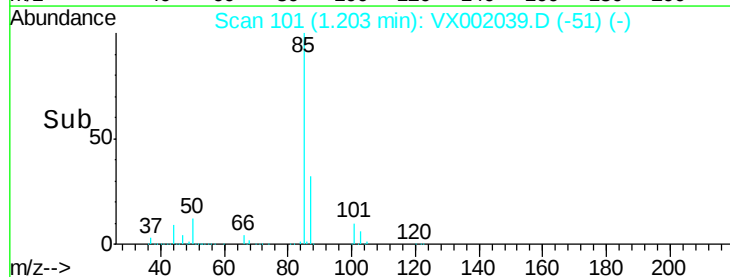
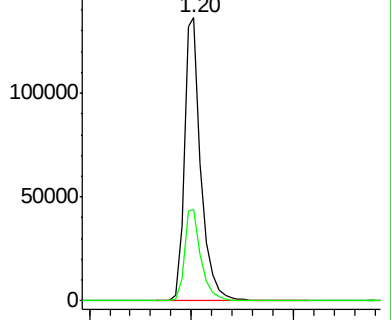
85 100

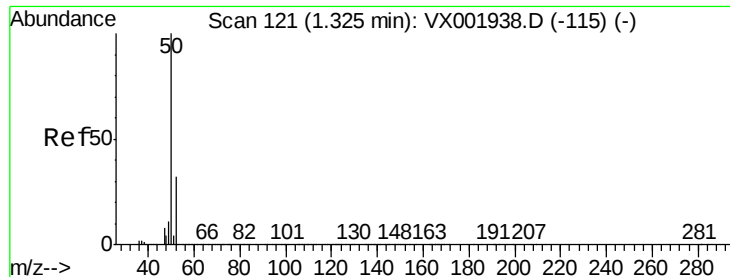
87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.32 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

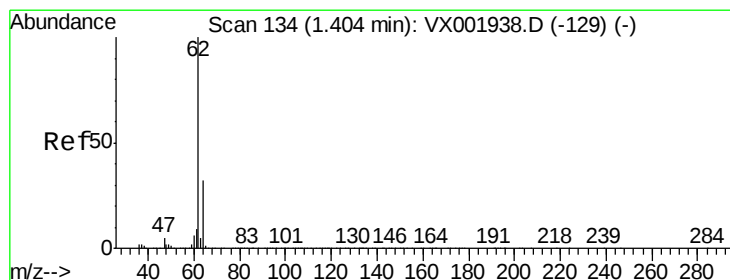
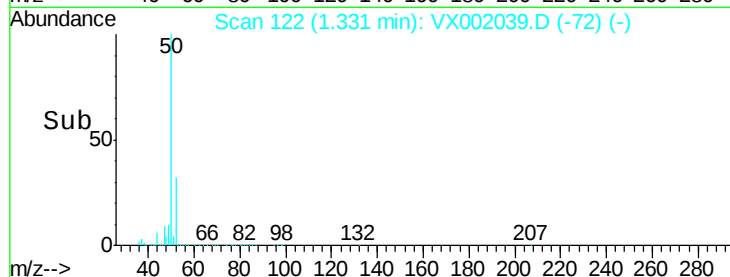
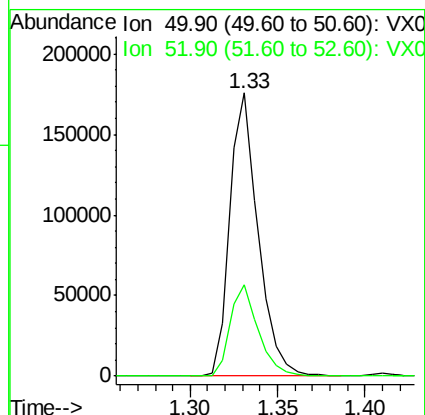
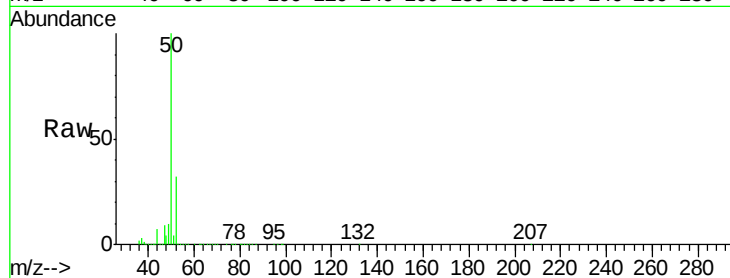
ClientSampleId :

Tot Ion: 50 Resp: 197695

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 49.85 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002039.D

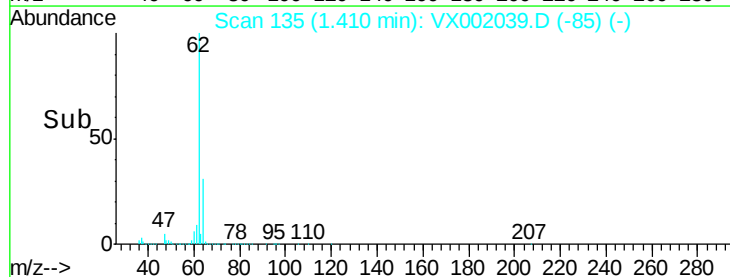
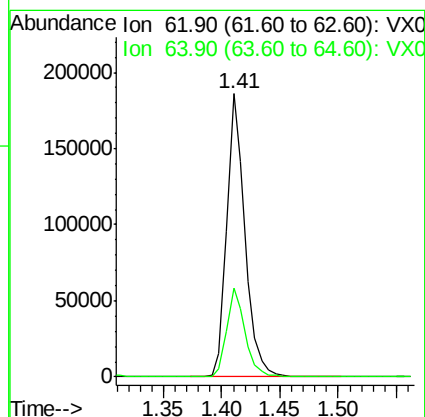
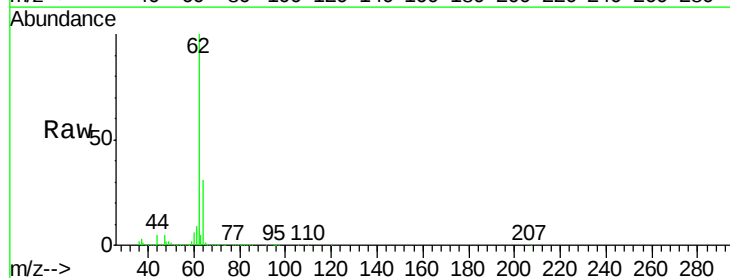
Acq: 27 May 2018 00:46

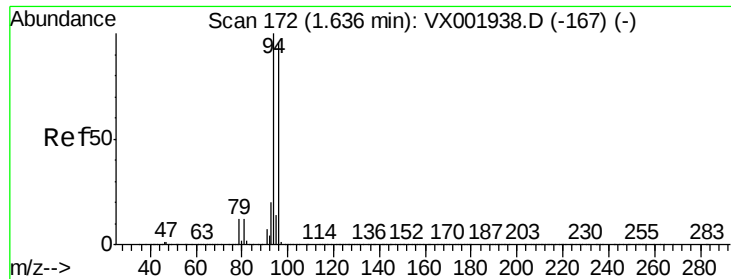
Tgt Ion: 62 Resp: 201102

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 59.17 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

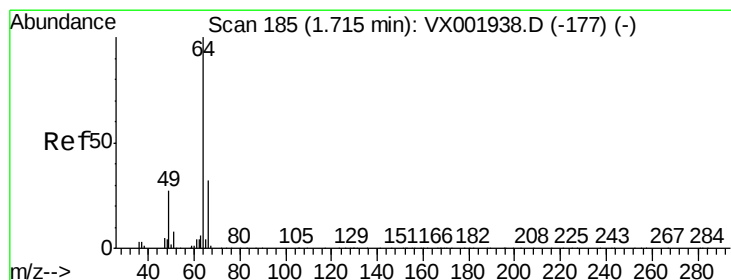
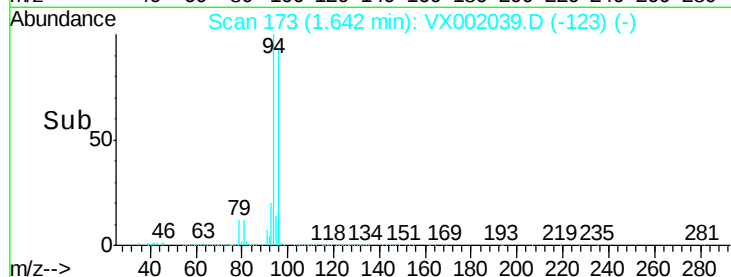
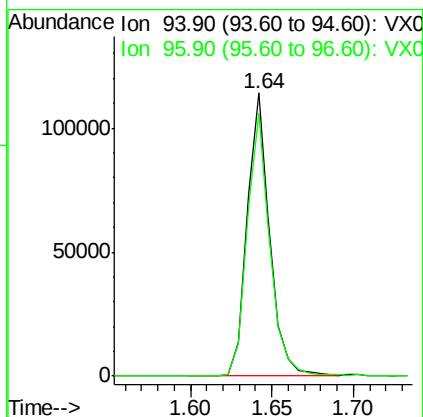
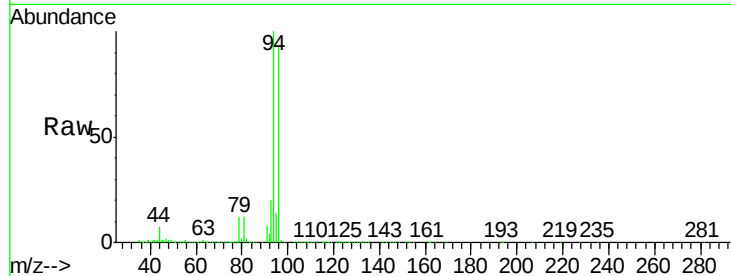
ClientSampleId :

Tot Ion: 94 Resp: 109536

Ion Ratio Lower Upper

94 100

96 93.0 75.9 113.9



#6

Chloroethane

Concen: 53.20 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002039.D

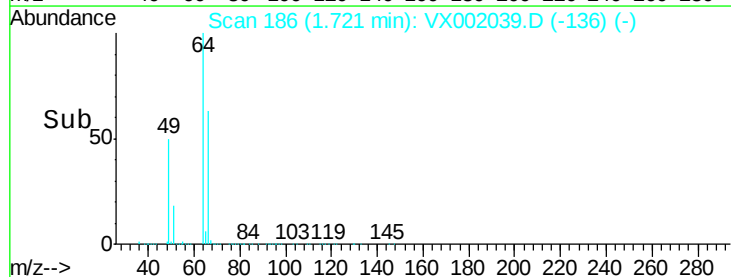
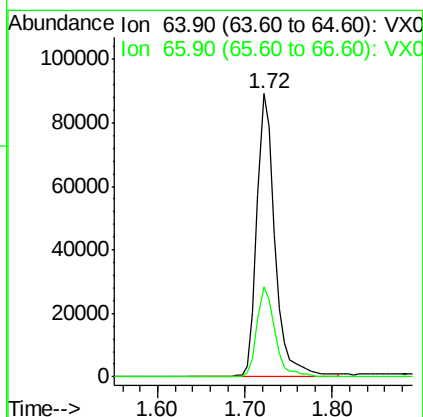
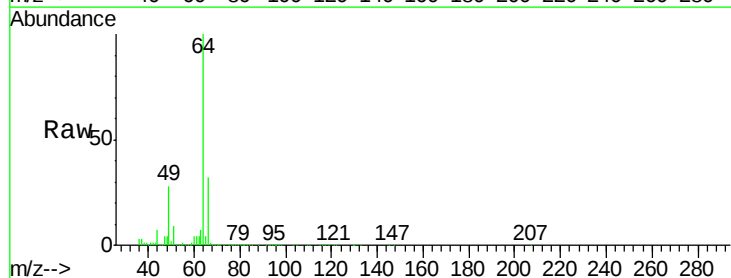
Acq: 27 May 2018 00:46

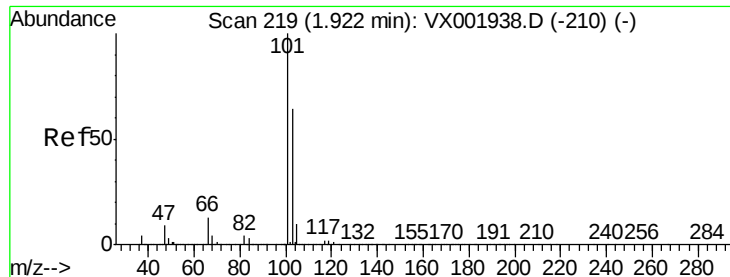
Tgt Ion: 64 Resp: 126514

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



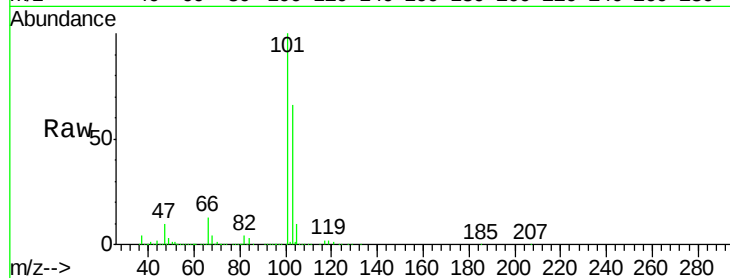


#7

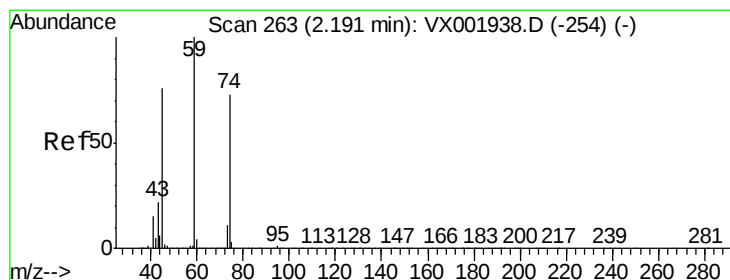
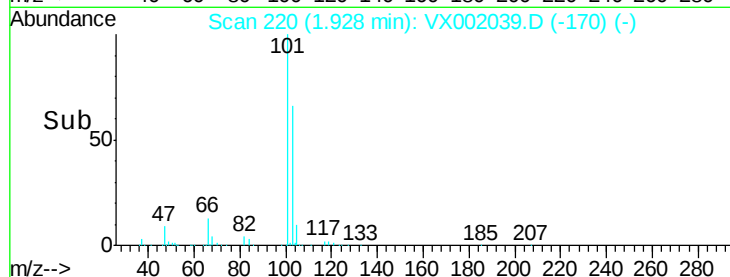
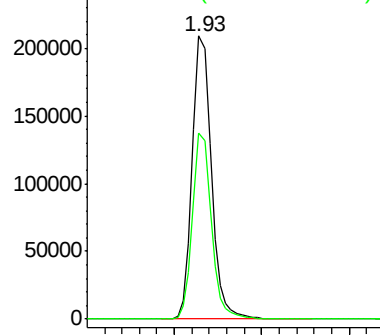
Trichlorofluoromethane
Concen: 52.36 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 317181
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0



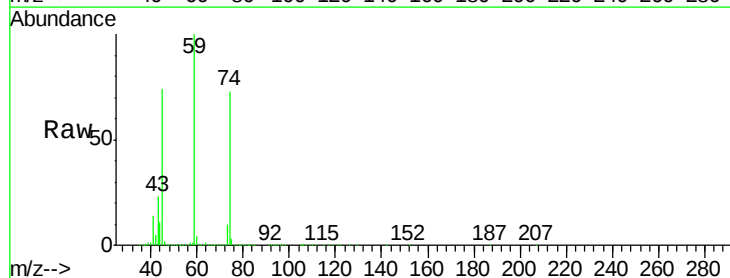
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



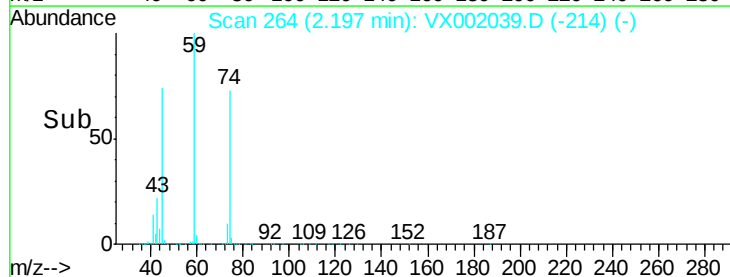
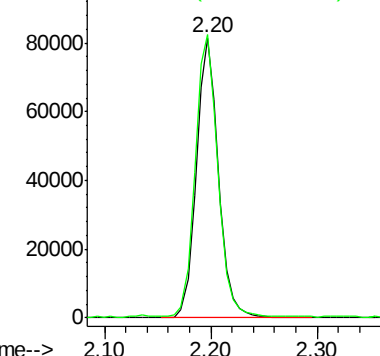
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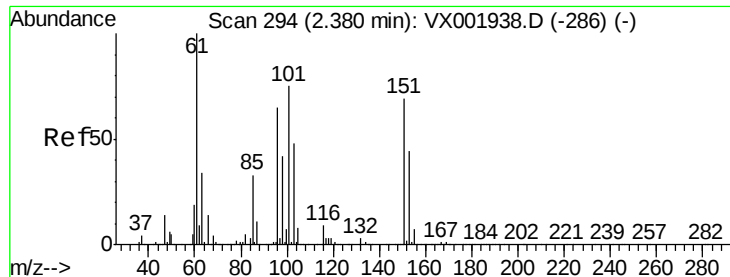
Diethyl Ether
Concen: 53.54 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 74 Resp: 117681
Ion Ratio Lower Upper
74 100
45 102.9 51.5 154.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

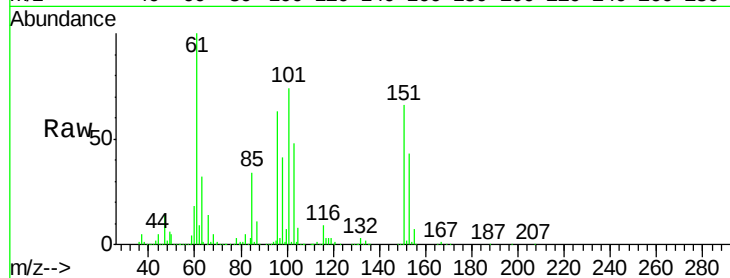
Tot Ion:101 Resp: 172324

Ion Ratio Lower Upper

101 100

85 45.2 35.6 53.4

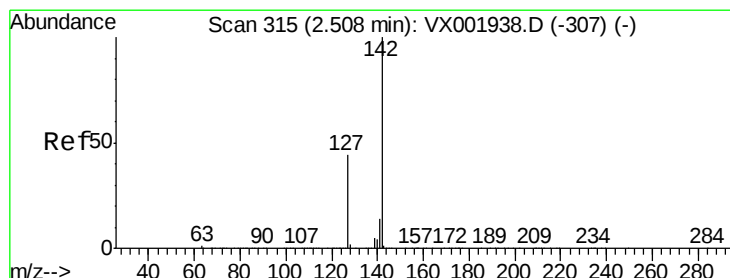
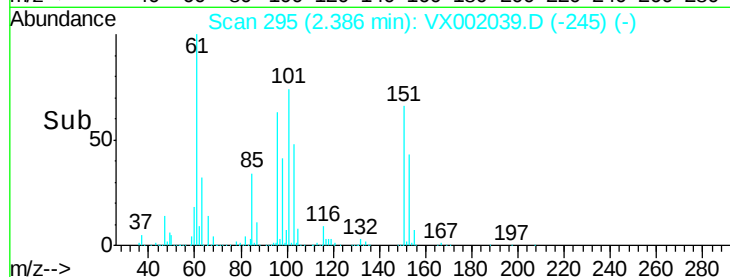
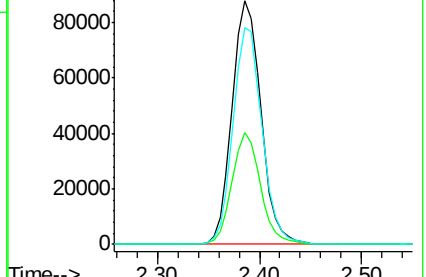
151 89.2 73.2 109.8



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: 50.08 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

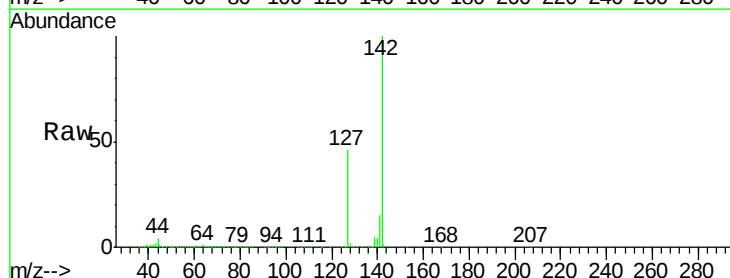
Tgt Ion:142 Resp: 229071

Ion Ratio Lower Upper

142 100

127 45.6 35.5 53.3

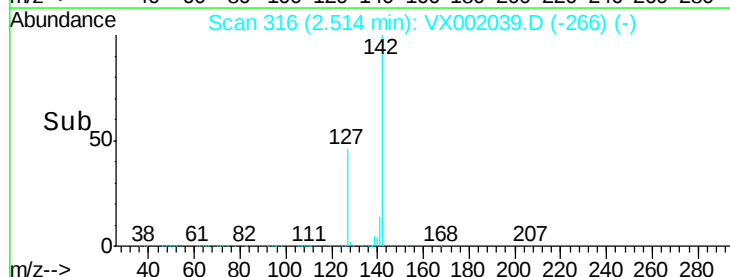
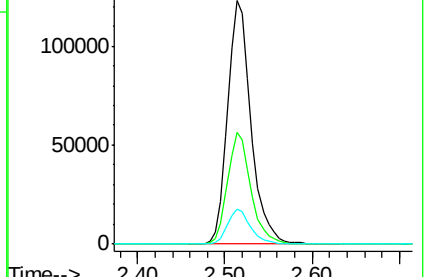
141 14.3 11.3 16.9

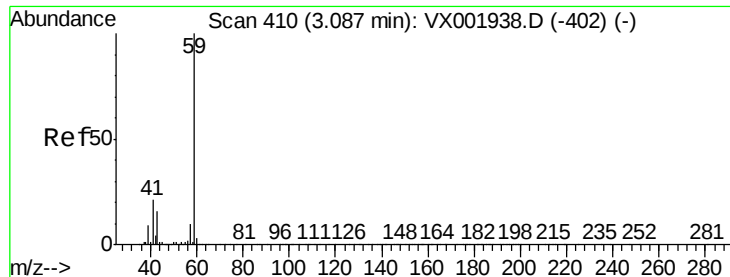


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



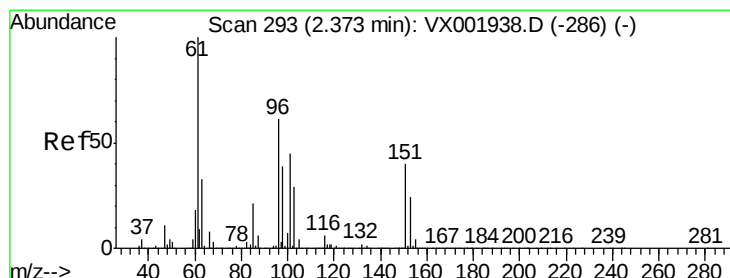
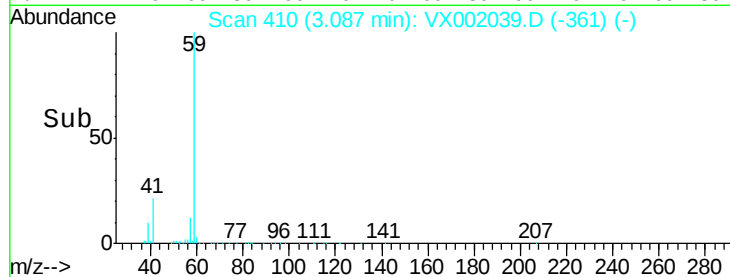
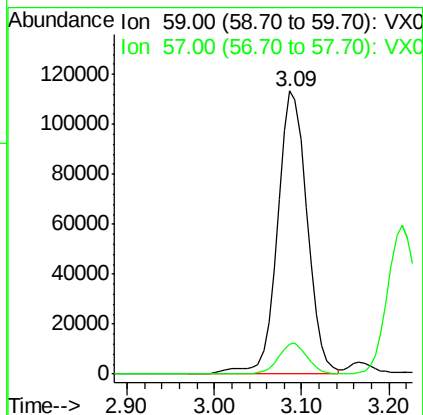
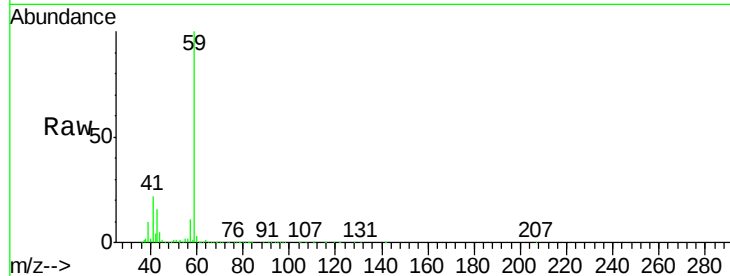


#11

Tert butyl alcohol
Concen: 280.74 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :

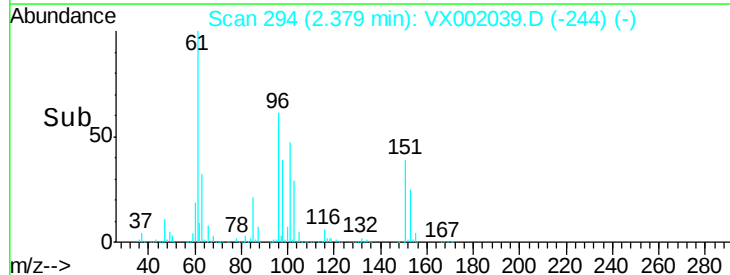
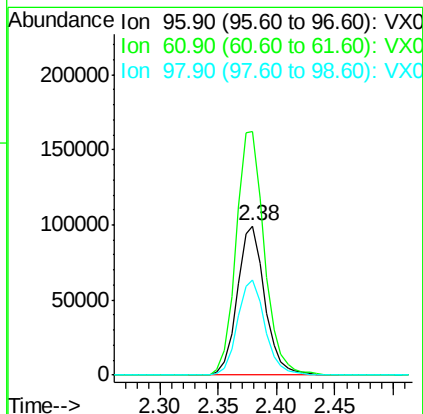
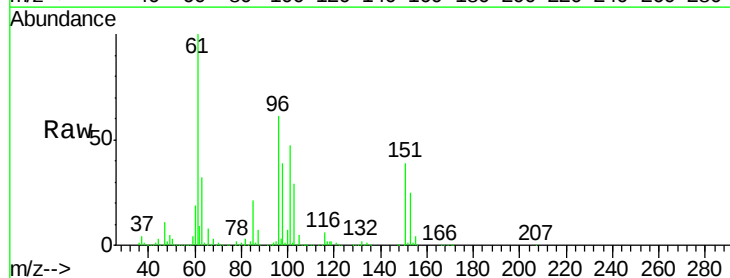
Tot Ion: 59 Resp: 267475
Ion Ratio Lower Upper
59 100
57 10.2 8.9 13.3

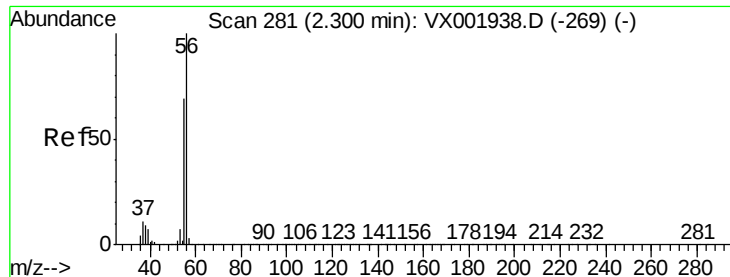


#12

1,1-Dichloroethene
Concen: 51.64 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 96 Resp: 163433
Ion Ratio Lower Upper
96 100
61 163.3 131.7 197.5
98 63.6 51.6 77.4





#13

Acrolein

Concen: 179.23 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

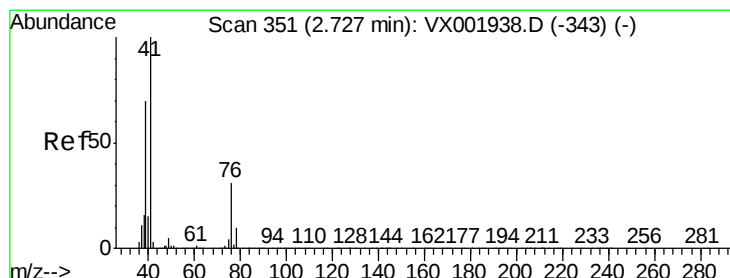
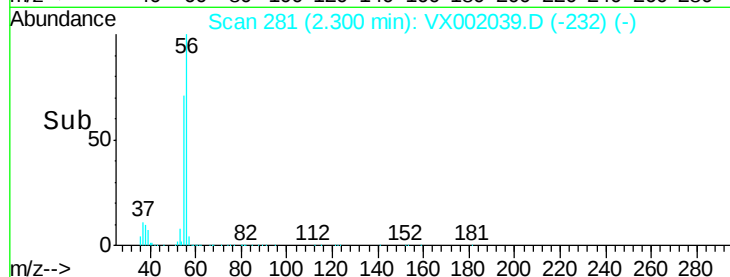
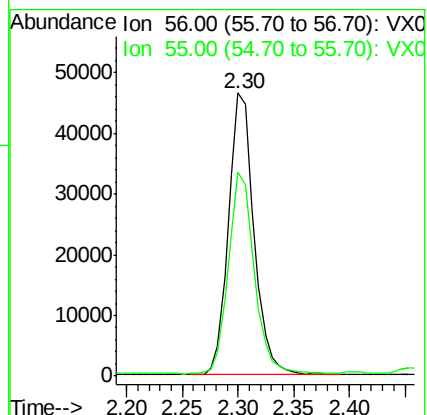
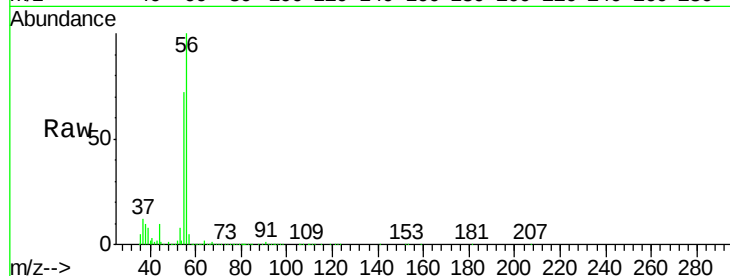
ClientSampleId :

Tot Ion: 56 Resp: 73833

Ion Ratio Lower Upper

56 100

55 72.5 56.8 85.2



#14

Allyl chloride

Concen: 51.07 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

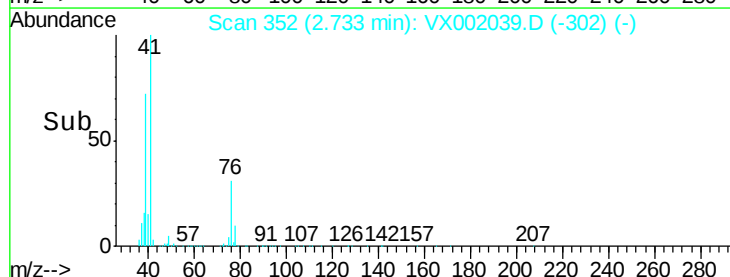
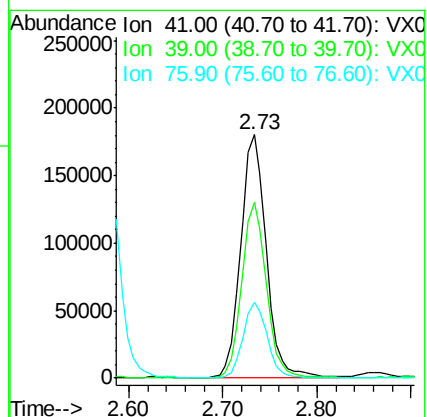
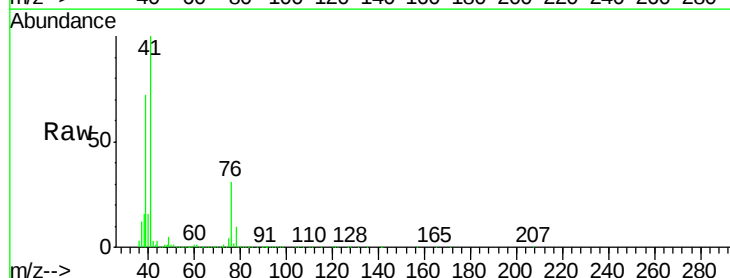
Tgt Ion: 41 Resp: 339303

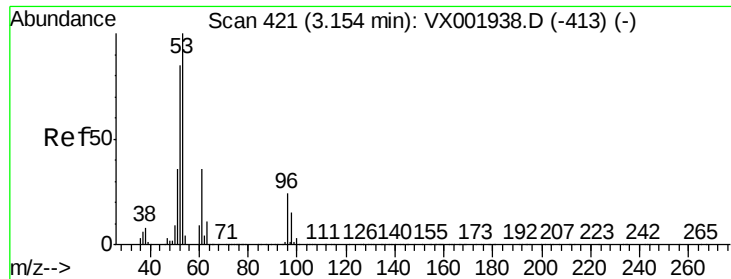
Ion Ratio Lower Upper

41 100

39 69.2 54.3 81.5

76 29.7 24.2 36.4





#15

Acrylonitrile

Concen: 263.42 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

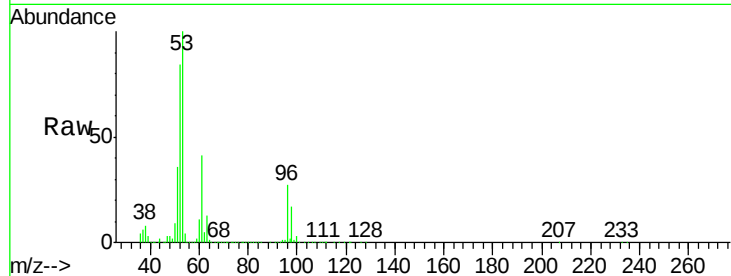
Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 516095

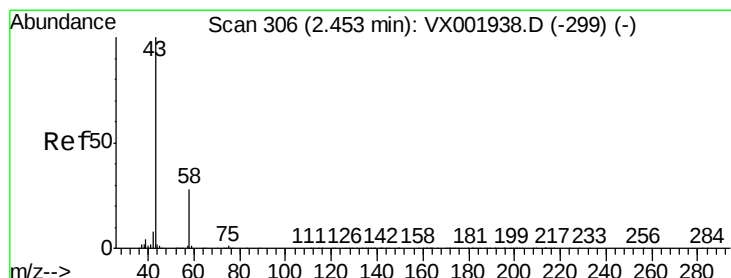
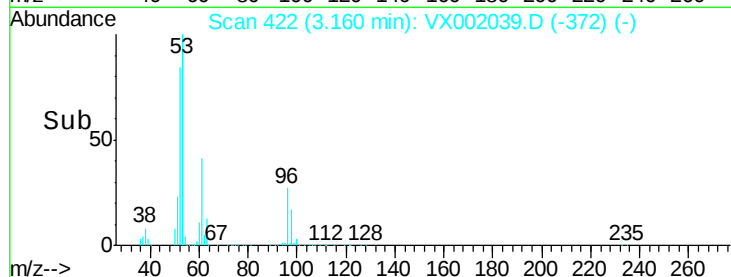
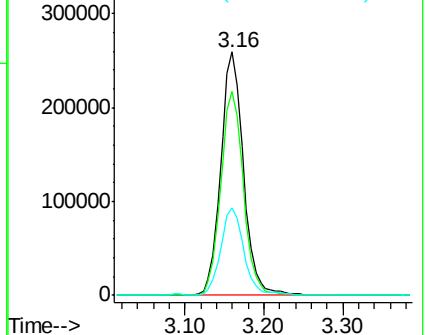
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.4	99.6
51	37.0	29.3	43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 261.31 ug/l

RT: 2.45 min Scan# 306

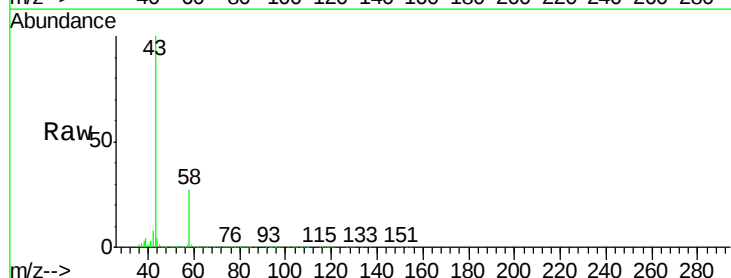
Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

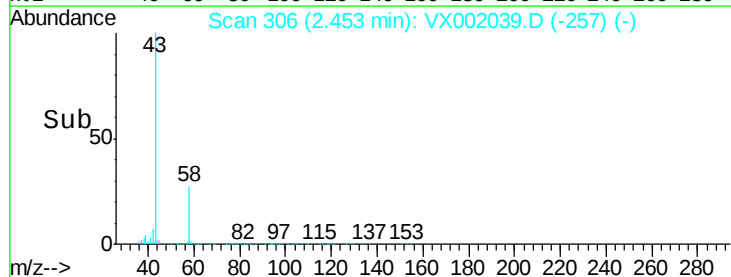
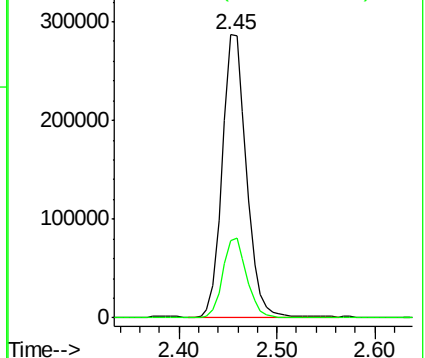
Tgt Ion: 43 Resp: 489478

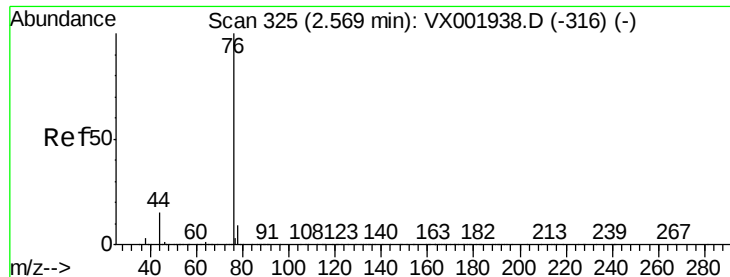
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.3	33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

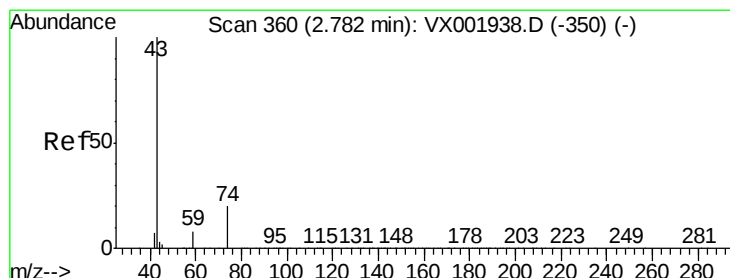
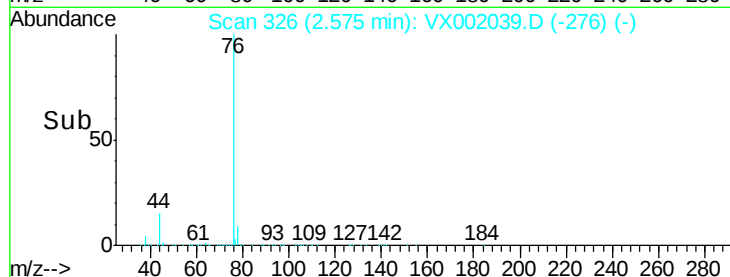
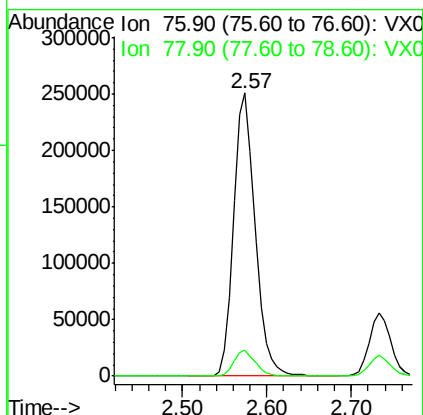
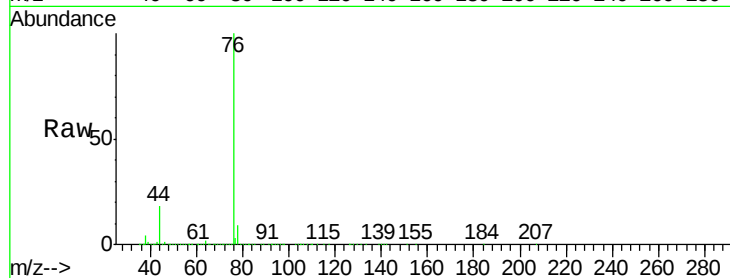




#17
Carbon Disulfide
Concen: 47.52 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

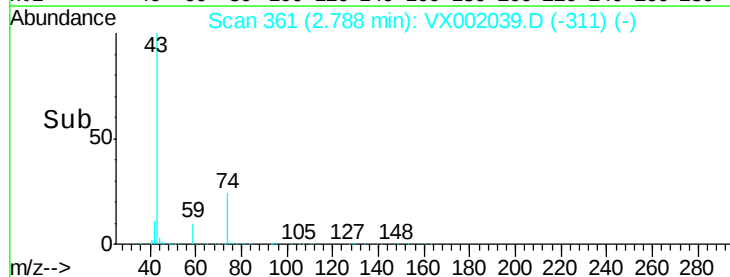
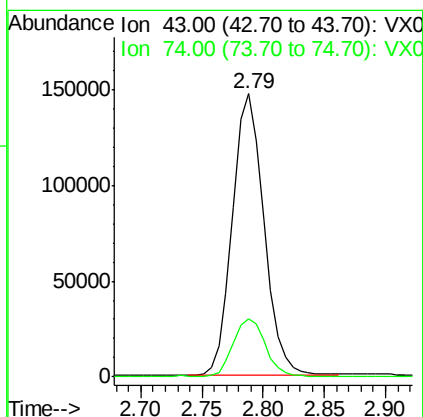
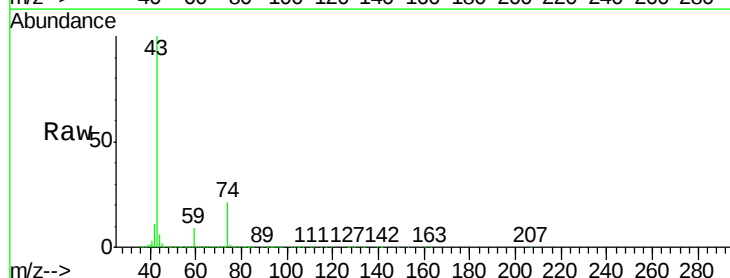
Instrument :
MSVOA_X
ClientSampleId :

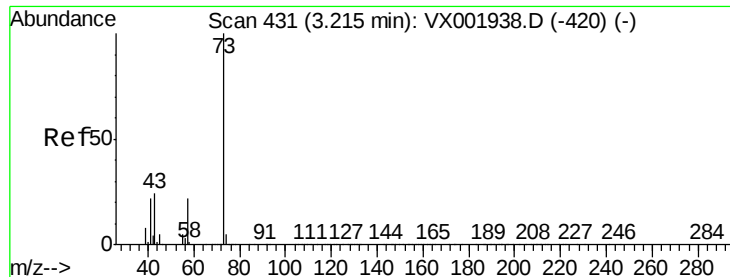
Tot Ion: 76 Resp: 432898
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 58.37 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 43 Resp: 262535
Ion Ratio Lower Upper
43 100
74 20.6 16.8 25.2



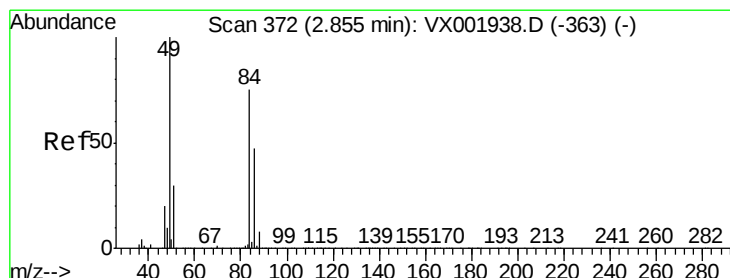
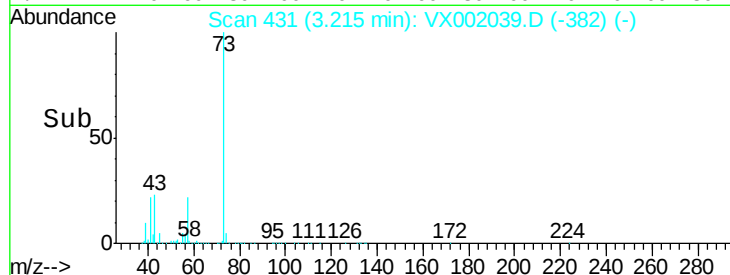
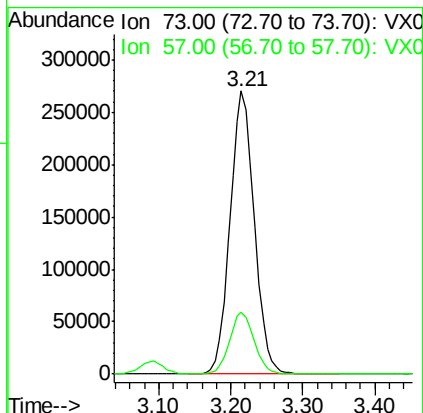
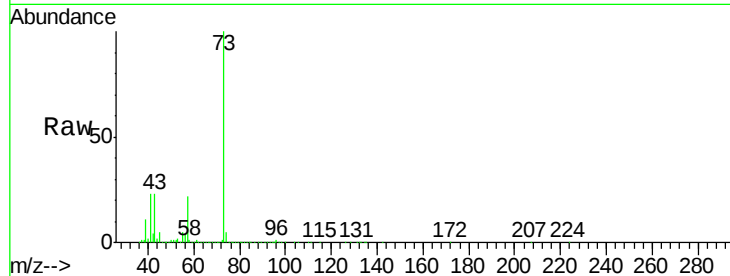


#19

Methyl tert-butyl Ether
Concen: 53.06 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :

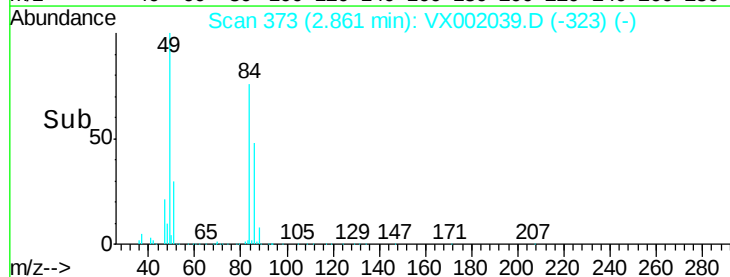
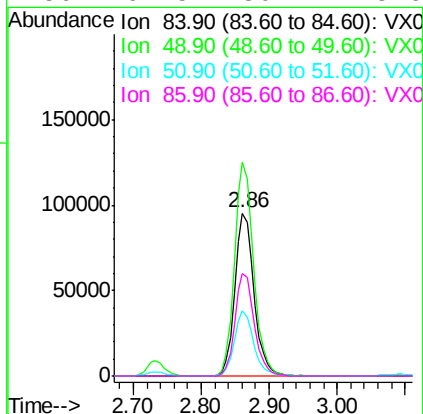
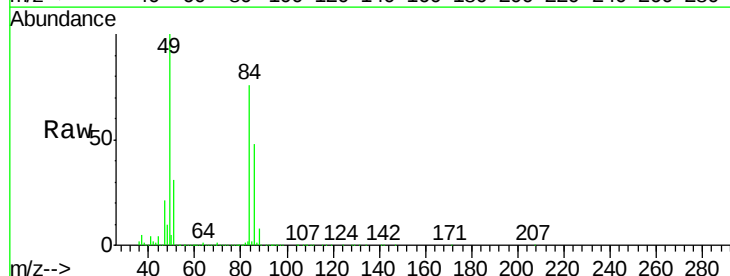
Tot Ion: 73 Resp: 631634
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

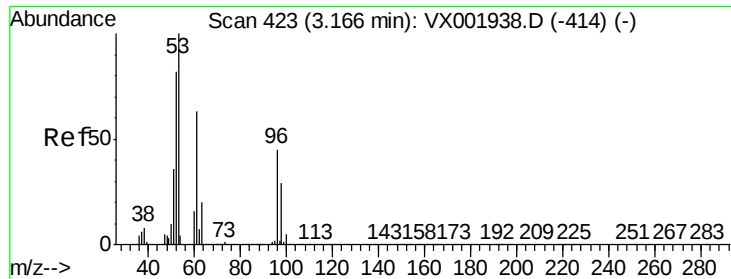


#20

Methylene Chloride
Concen: 57.23 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 84 Resp: 184846
Ion Ratio Lower Upper
84 100
49 131.2 107.2 160.8
51 40.0 32.4 48.6
86 62.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 55.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

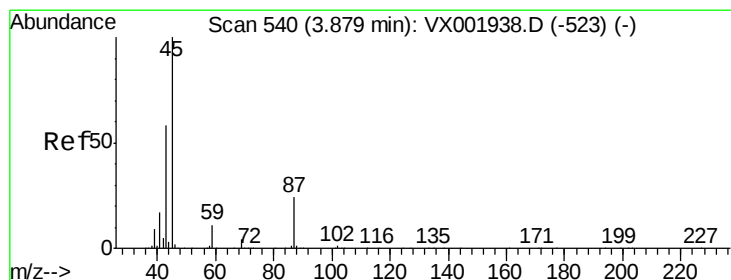
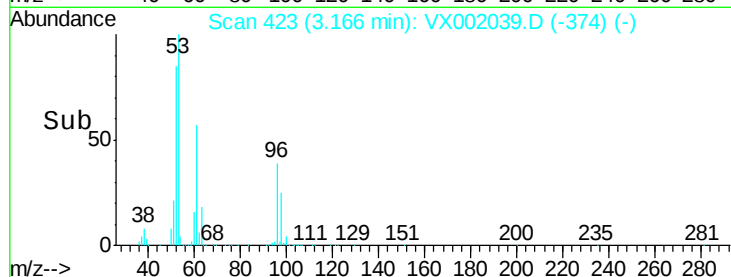
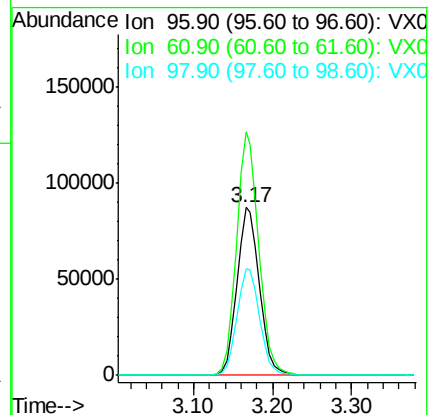
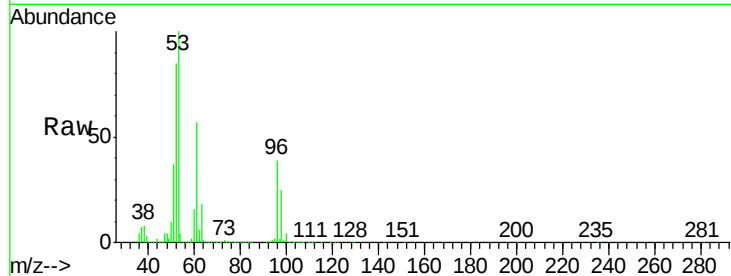
Tot Ion: 96 Resp: 171850

Ion Ratio Lower Upper

96 100

61 145.0 113.3 169.9

98 63.6 51.7 77.5



#22

Diisopropyl ether

Concen: 48.83 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Tgt Ion: 45 Resp: 659844

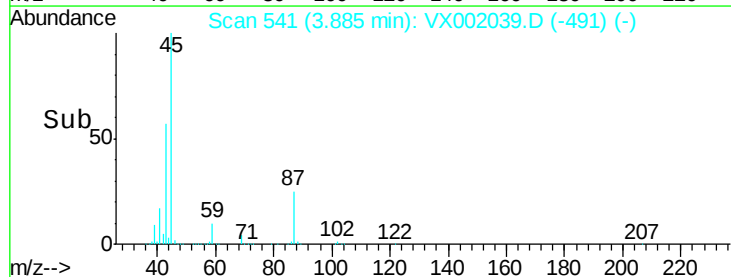
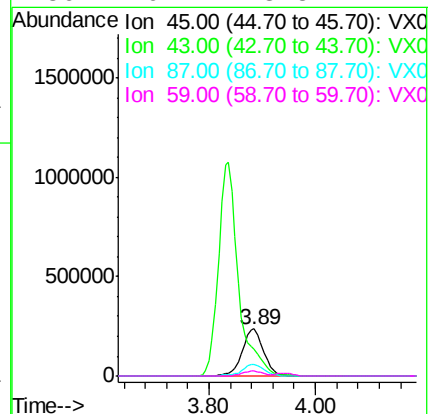
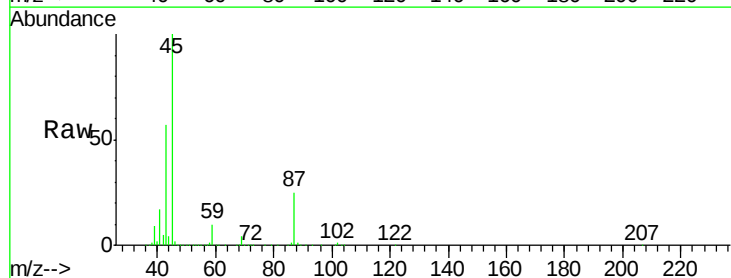
Ion Ratio Lower Upper

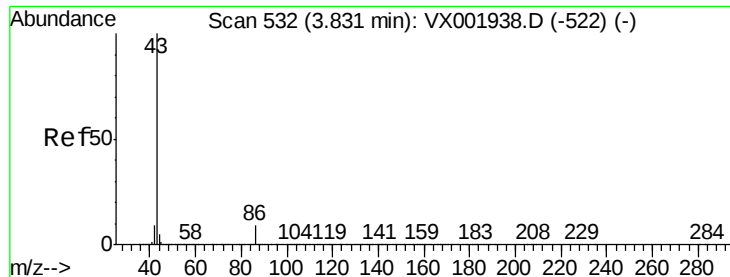
45 100

43 56.9 47.0 70.6

87 24.6 19.4 29.0

59 10.4 8.5 12.7





#23

Vinyl Acetate

Concen: 252.15 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

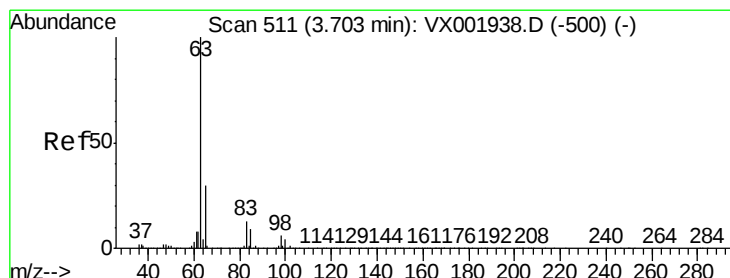
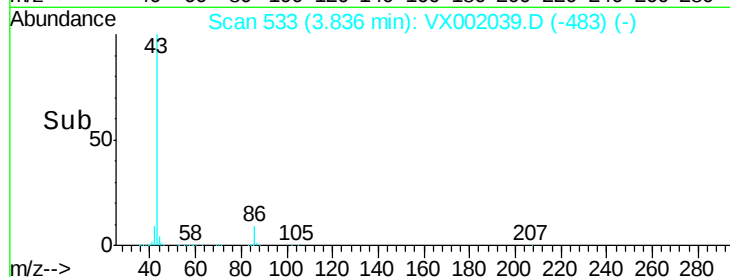
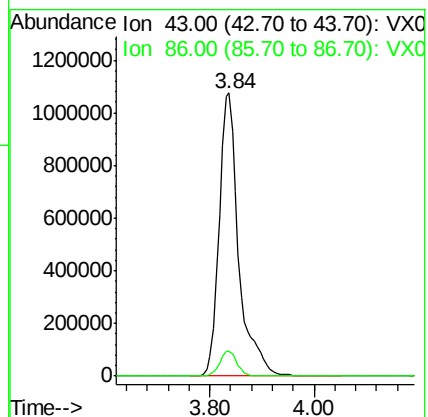
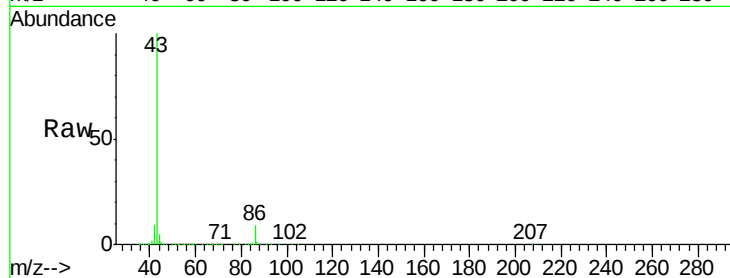
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2825182

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



#24

1,1-Dichloroethane

Concen: 50.59 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

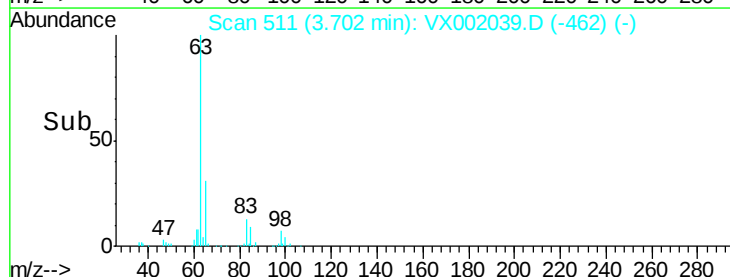
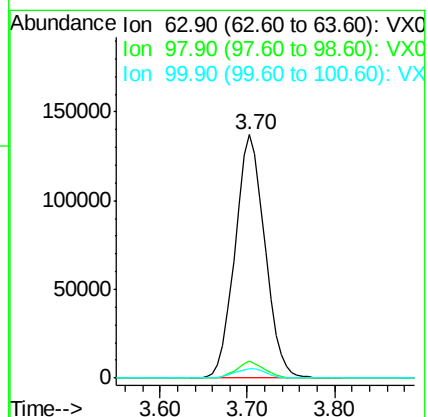
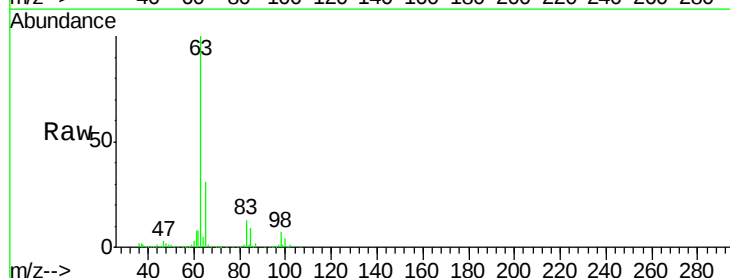
Tgt Ion: 63 Resp: 324773

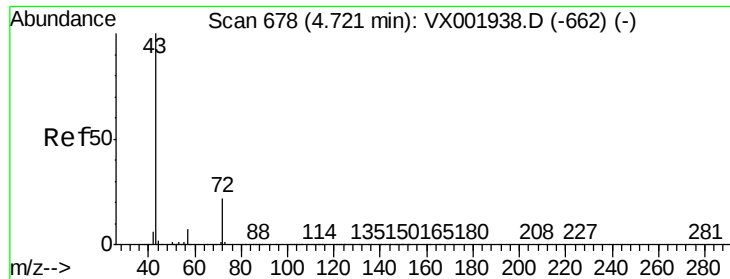
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 226.25 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

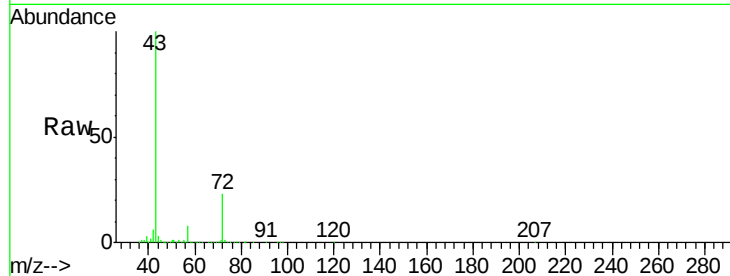
ClientSampleId :

Tot Ion: 43 Resp: 776779

Ion Ratio Lower Upper

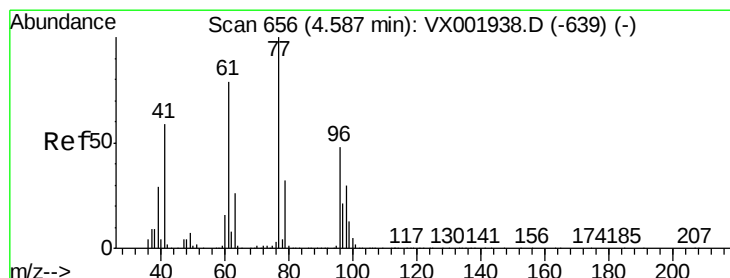
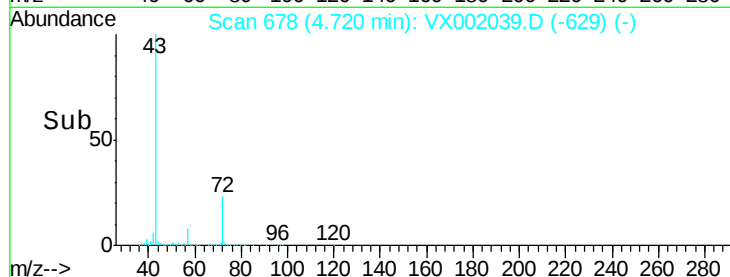
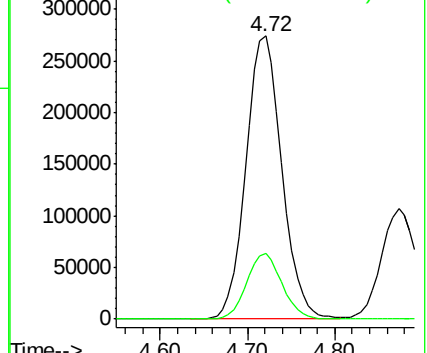
43 100

72 23.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.42 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002039.D

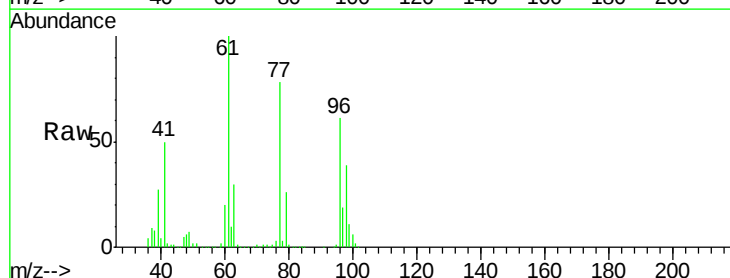
Acq: 27 May 2018 00:46

Tgt Ion: 77 Resp: 204179

Ion Ratio Lower Upper

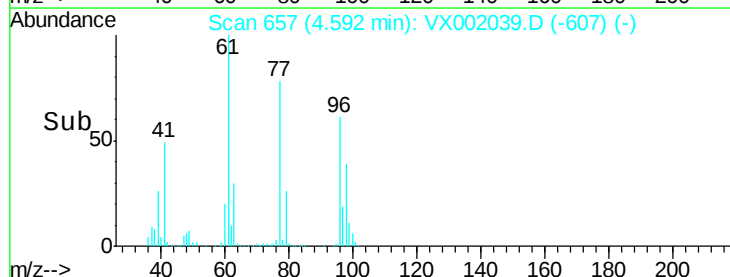
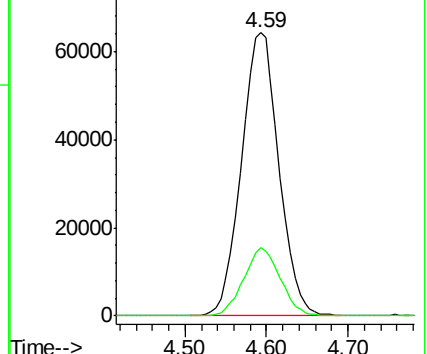
77 100

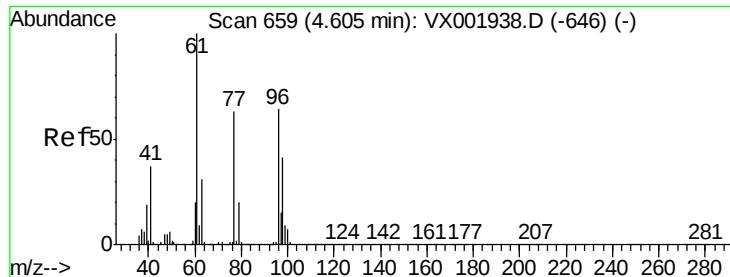
97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.88 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :
MSVOA_X
ClientSampled :

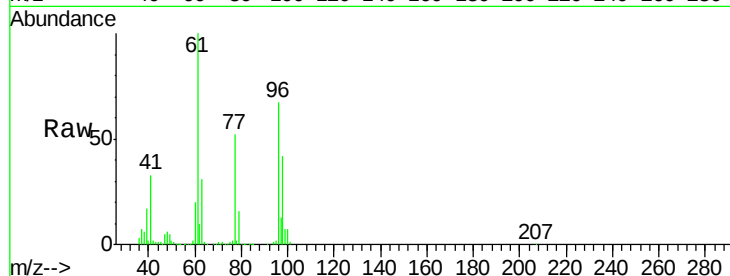
Tot Ion: 96 Resp: 193485

Ion Ratio Lower Upper

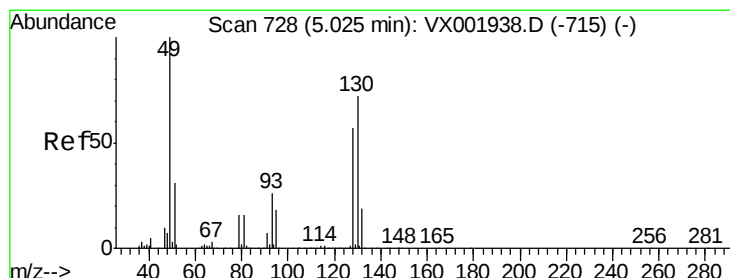
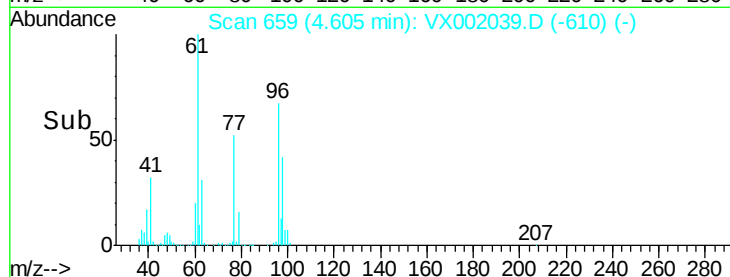
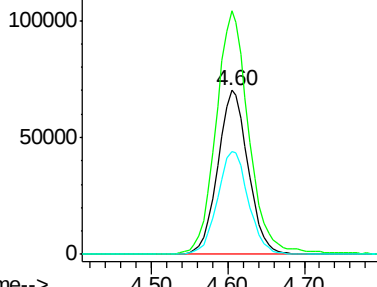
96 100

61 161.3 0.0 348.4

98 63.9 0.0 128.6



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



#28

Bromochloromethane

Concen: 54.43 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

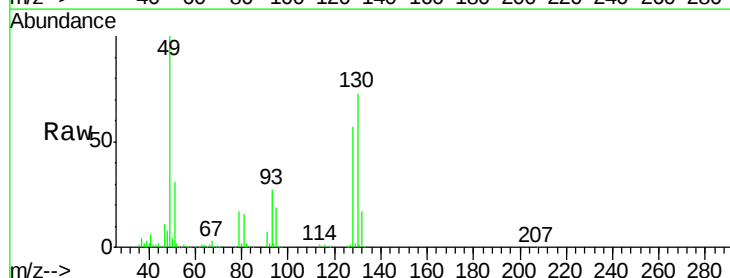
Tgt Ion: 49 Resp: 146317

Ion Ratio Lower Upper

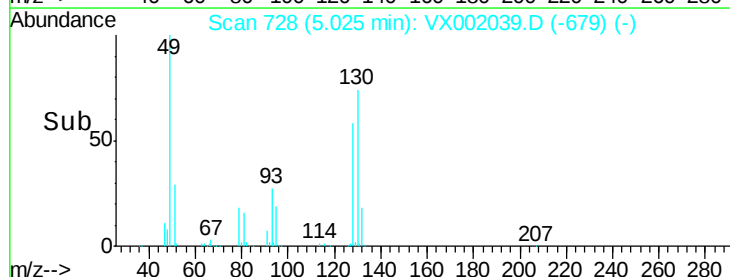
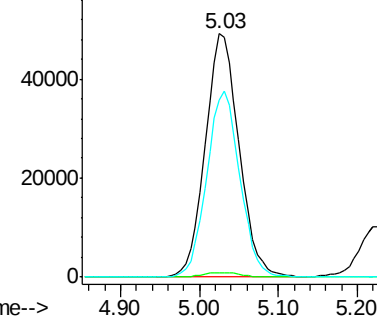
49 100

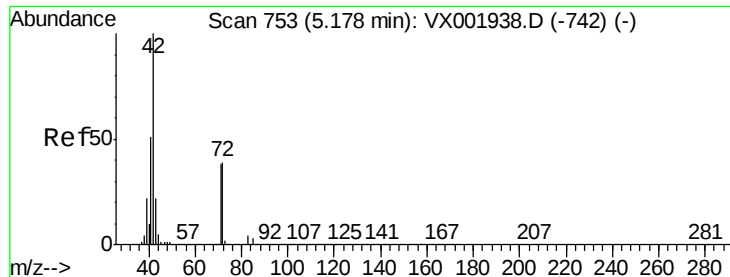
129 2.0 0.0 3.8

130 74.9 59.4 89.2



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: 227.66 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

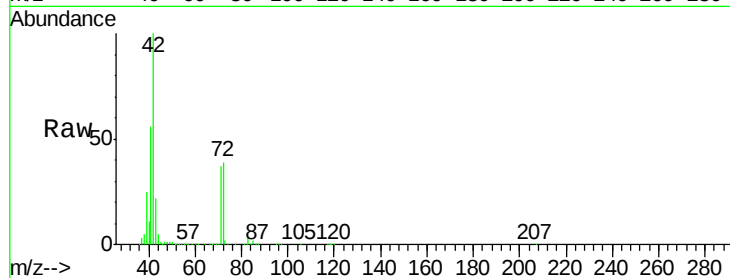
Tot Ion: 42 Resp: 508532

Ion Ratio Lower Upper

42 100

72 39.6 31.4 47.0

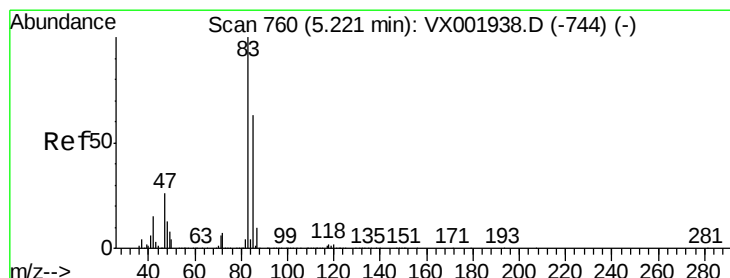
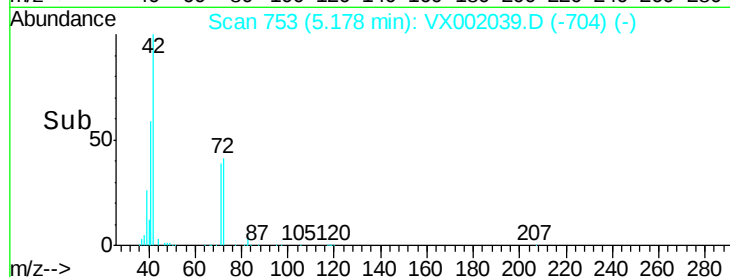
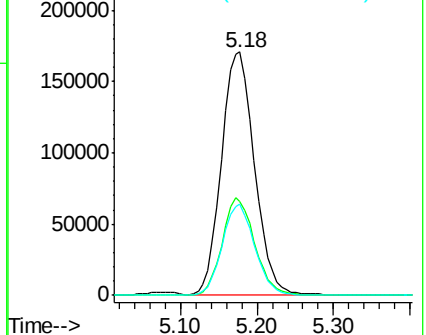
71 37.1 29.5 44.3



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: 46.69 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002039.D

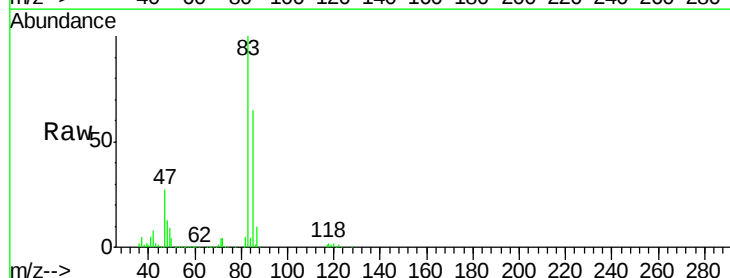
Acq: 27 May 2018 00:46

Tgt Ion: 83 Resp: 337659

Ion Ratio Lower Upper

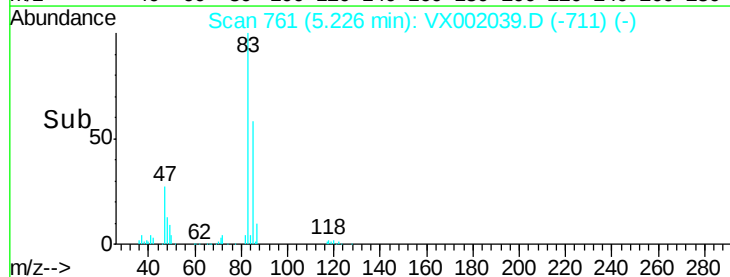
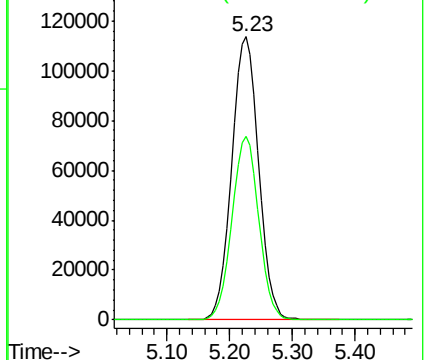
83 100

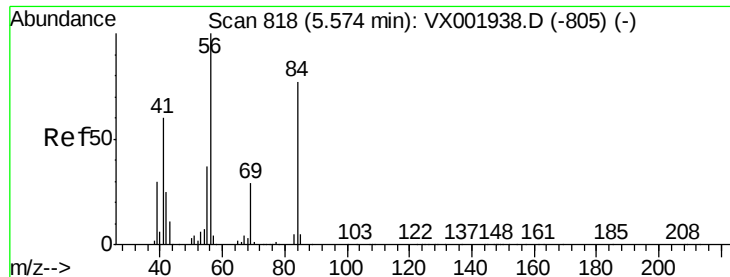
85 64.9 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

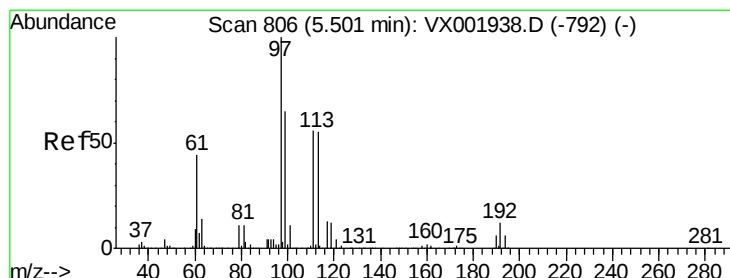
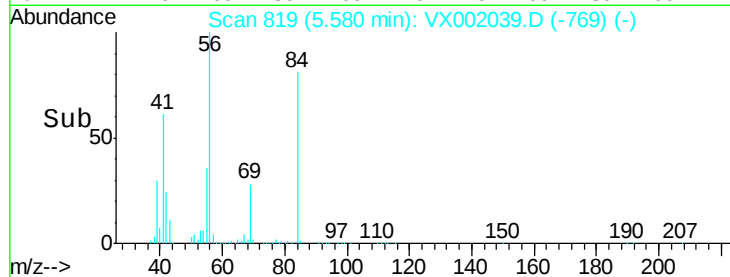
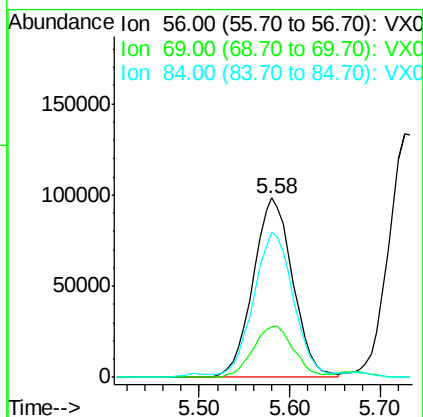
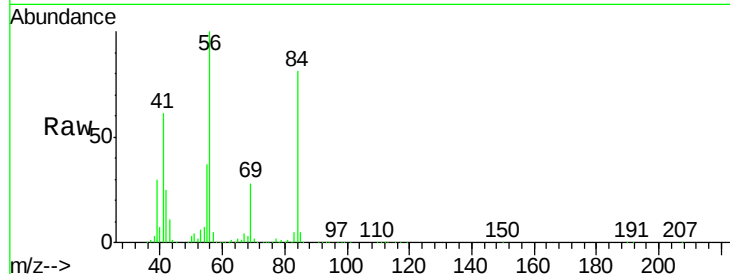




#31
Cyclohexane
Concen: 44.41 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

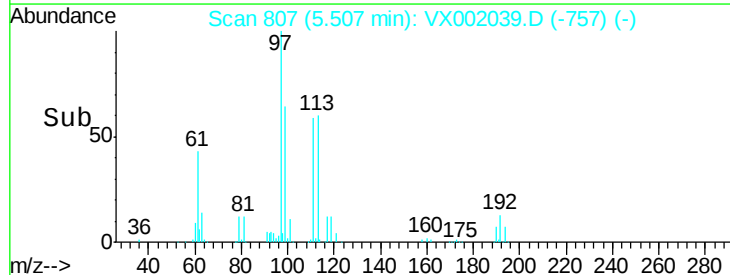
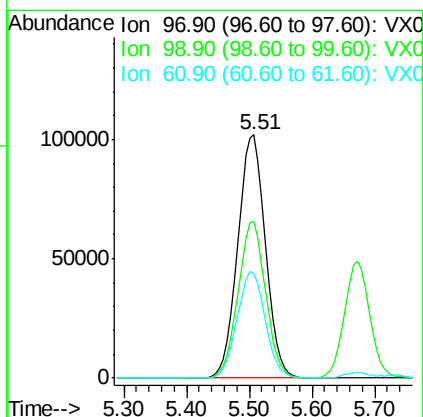
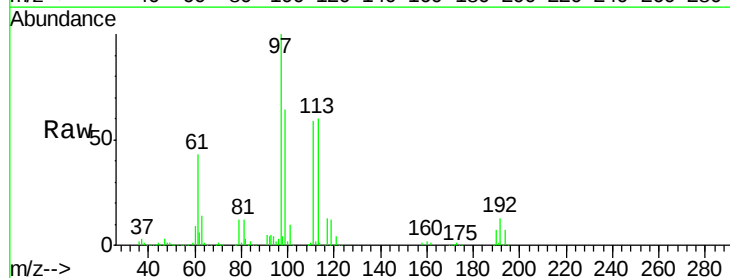
Instrument :
MSVOA_X
ClientSampleId :

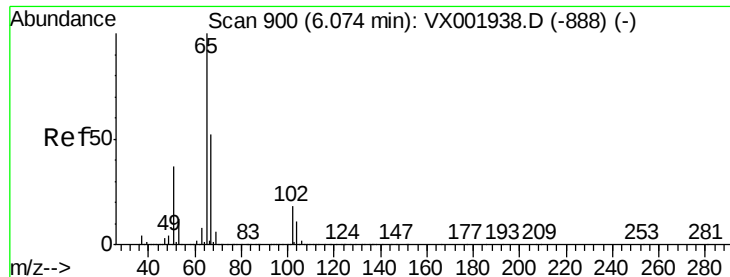
Tot Ion: 56 Resp: 297012
Ion Ratio Lower Upper
56 100
69 28.4 23.1 34.7
84 79.5 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 46.23 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 97 Resp: 311667
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 44.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.96 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

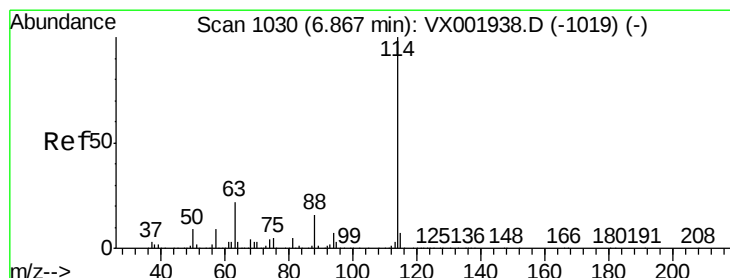
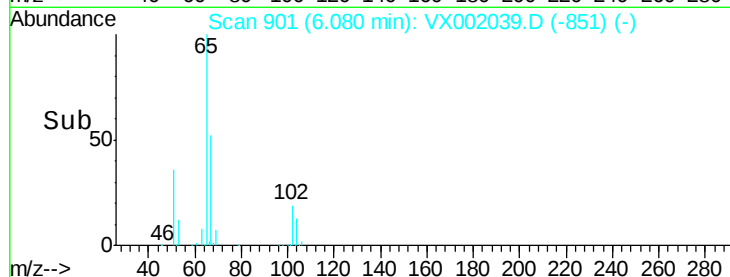
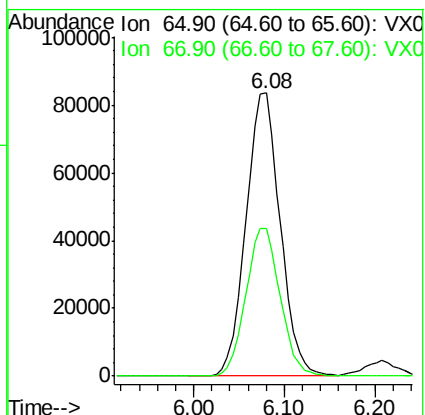
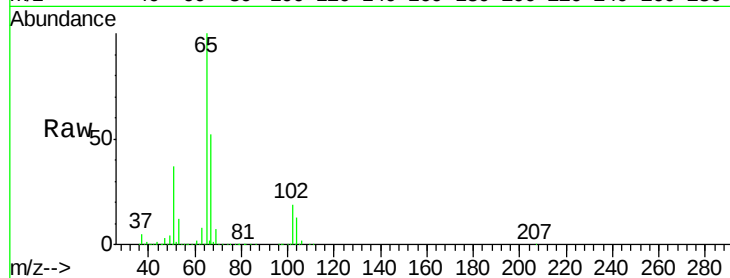
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 218236

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

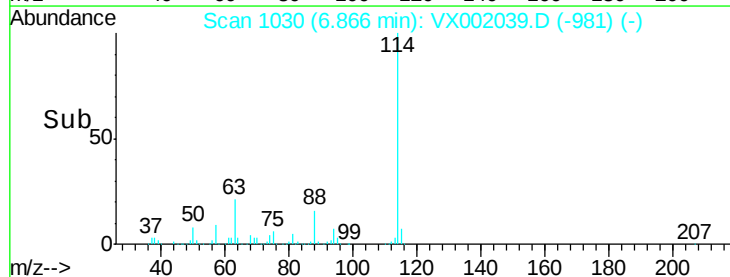
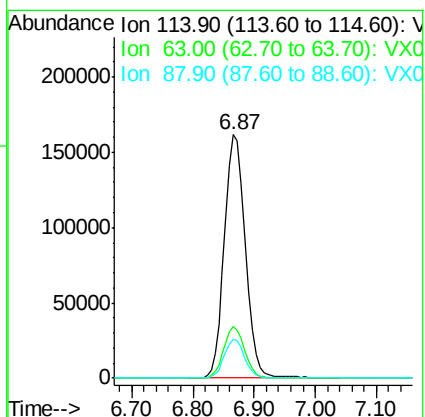
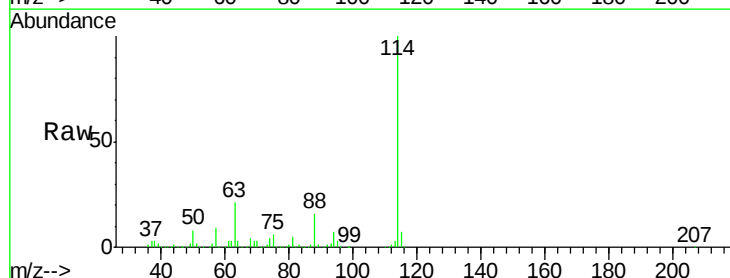
Tgt Ion: 114 Resp: 385165

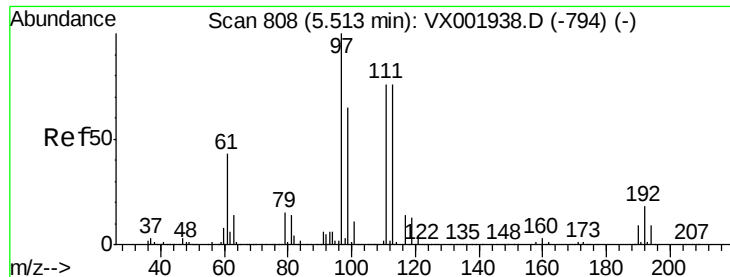
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 45.11 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

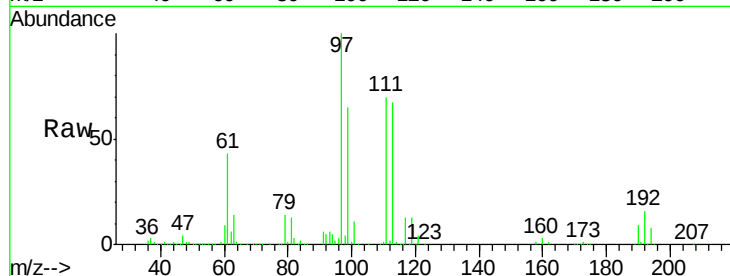
Tot Ion:113 Resp: 173730

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

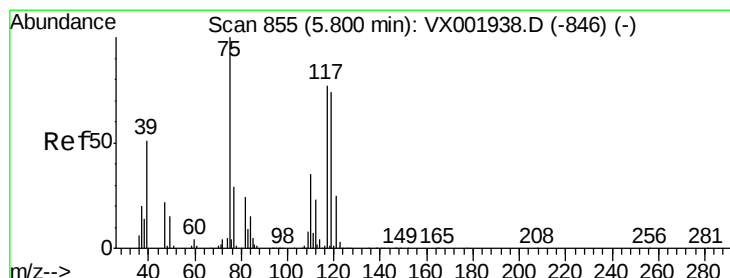
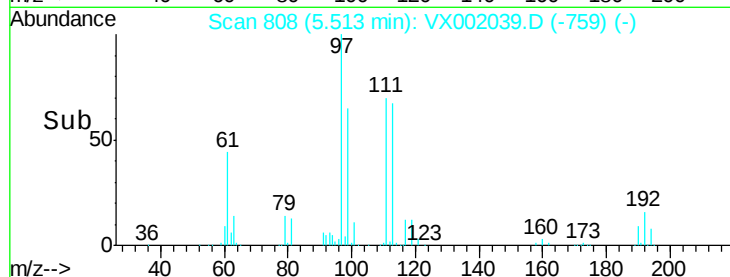
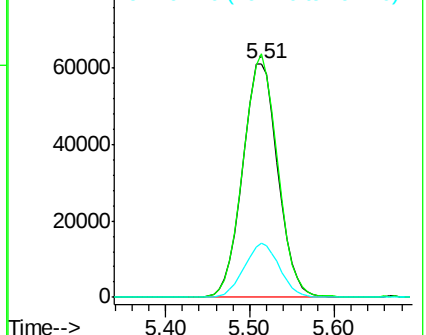
192 23.1 18.9 28.3



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: 44.95 ug/l

RT: 5.81 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

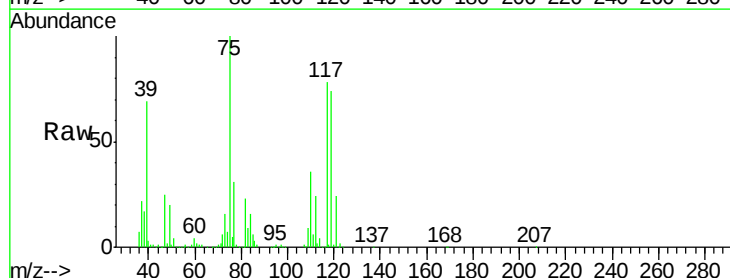
Tgt Ion: 75 Resp: 240840

Ion Ratio Lower Upper

75 100

110 36.6 17.4 52.2

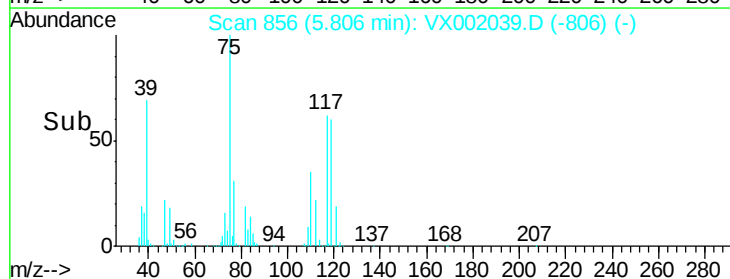
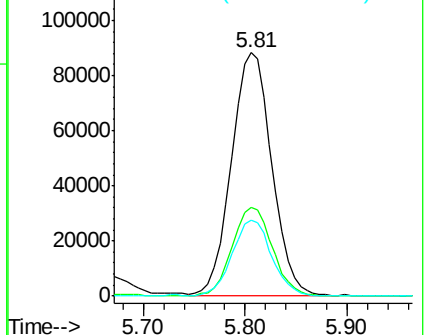
77 30.6 24.4 36.6

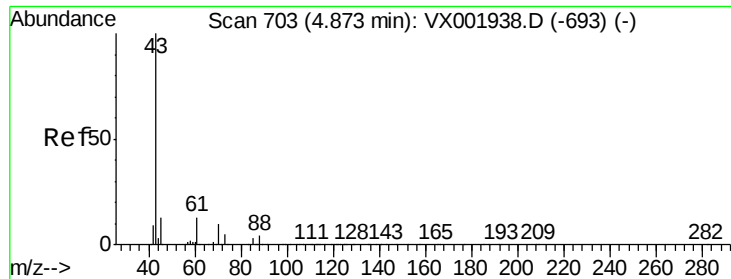


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

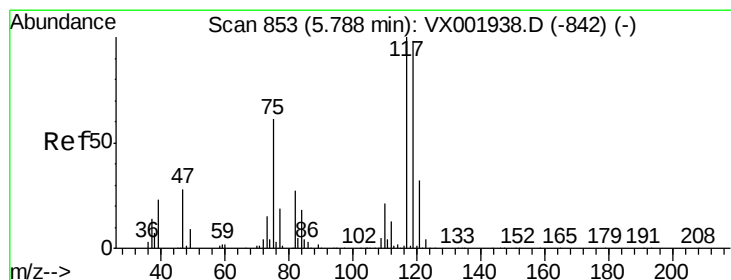
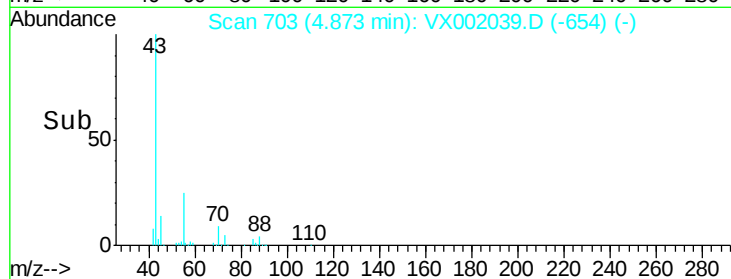
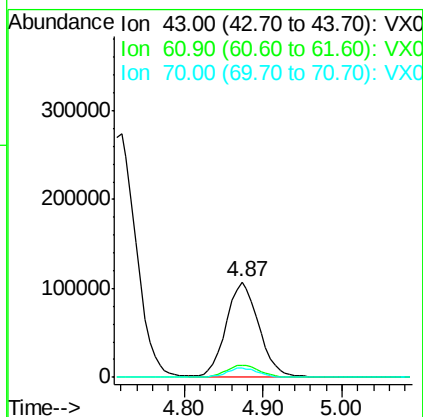
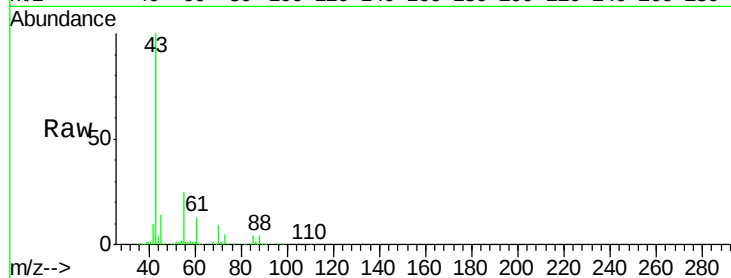




#37
Ethyl Acetate
Concen: 44.01 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

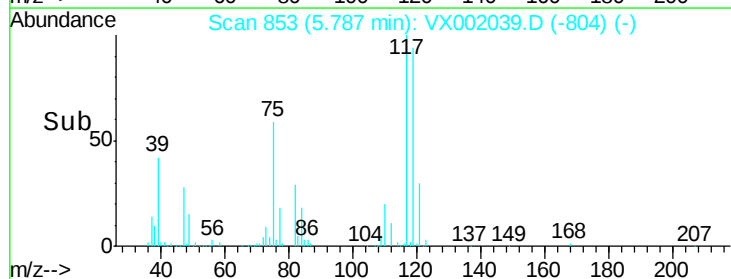
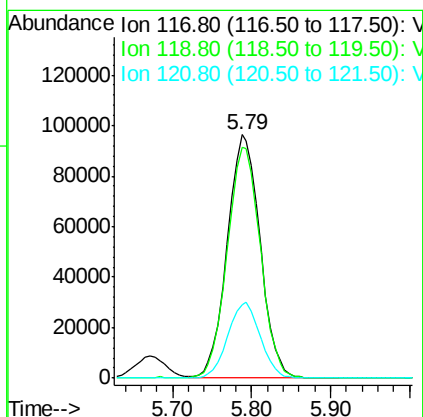
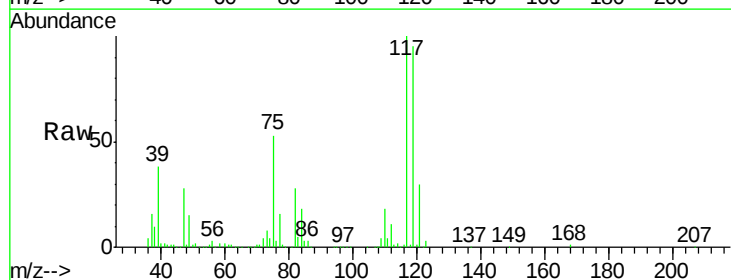
Instrument :
MSVOA_X
ClientSampleId :

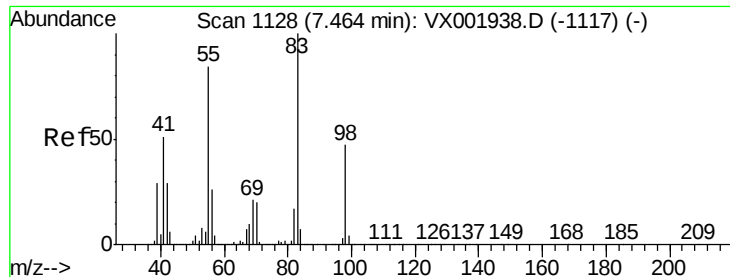
Tot Ion: 43 Resp: 307411
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 44.61 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 117 Resp: 278728
Ion Ratio Lower Upper
117 100
119 94.8 78.5 117.7
121 30.0 25.5 38.3

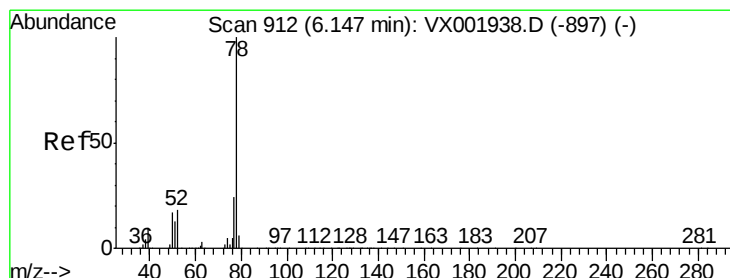
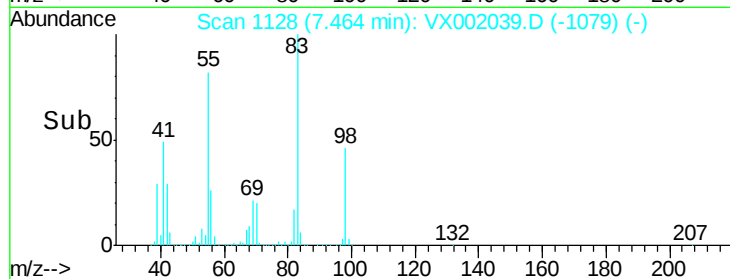
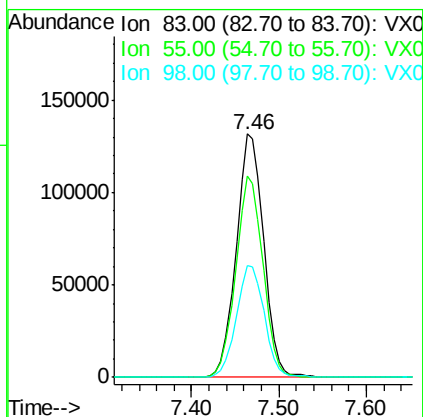
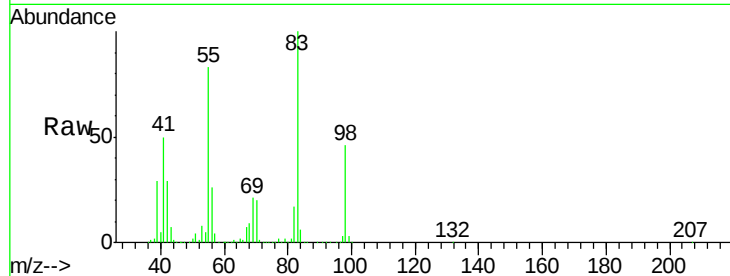




#39
Methvlcvclohexane
Concen: 43.52 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

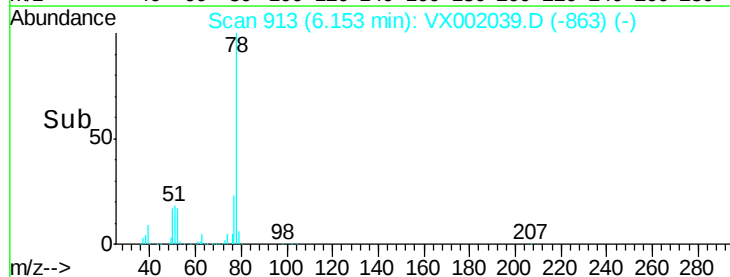
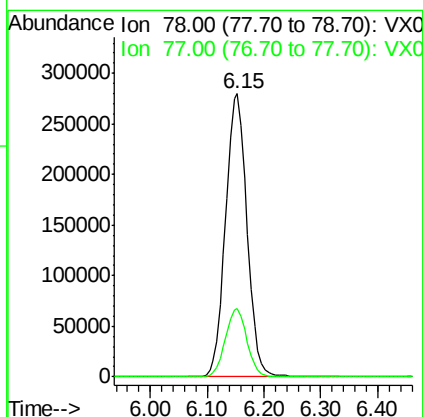
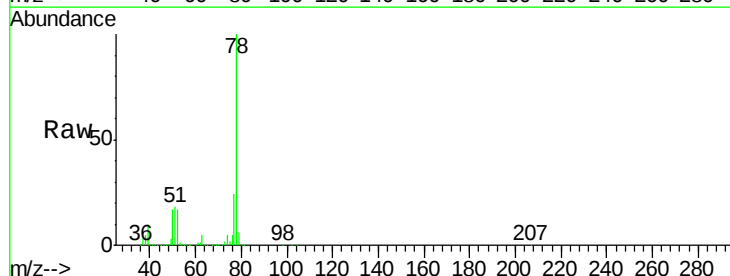
Instrument :
MSVOA_X
ClientSampleId :

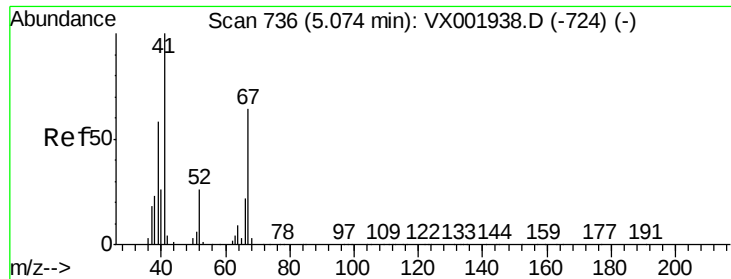
Tot Ion	83.00	Resp	286464
Ion	Ratio	Lower	Upper
83	100		
55	82.5	67.3	100.9
98	45.8	37.5	56.3



#40
Benzene
Concen: 46.84 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion	78	Resp	735223
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7

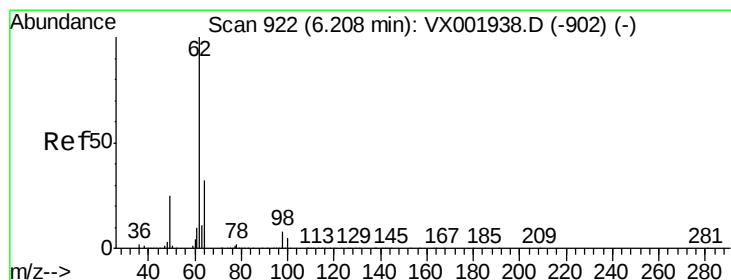
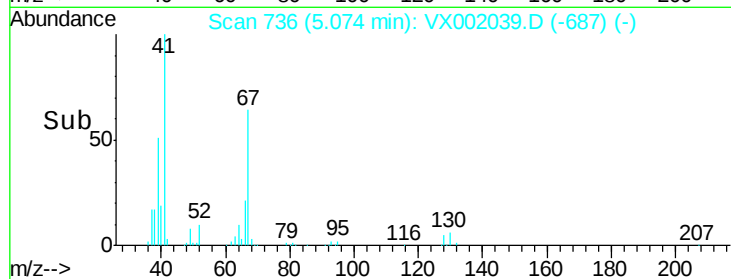
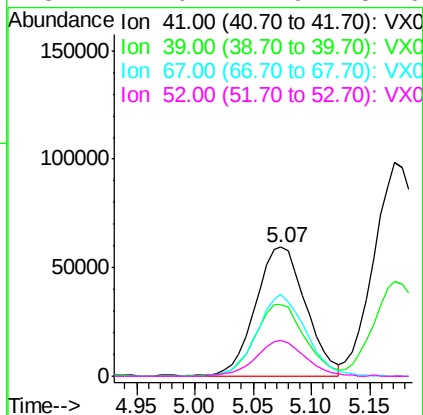
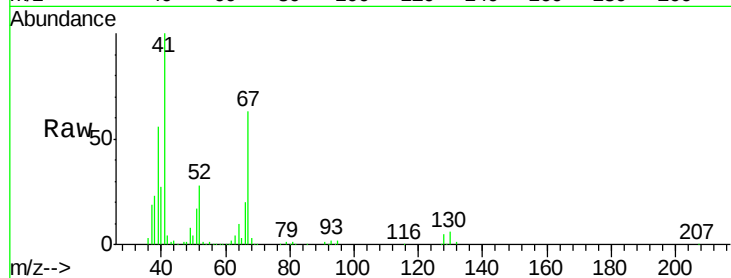




#41
Methacrylonitrile
Concen: 48.04 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

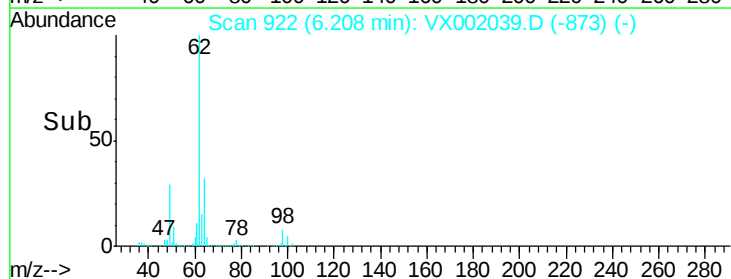
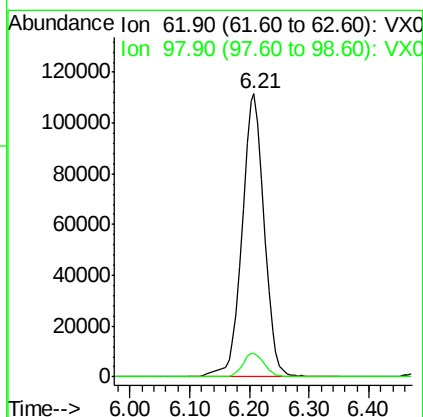
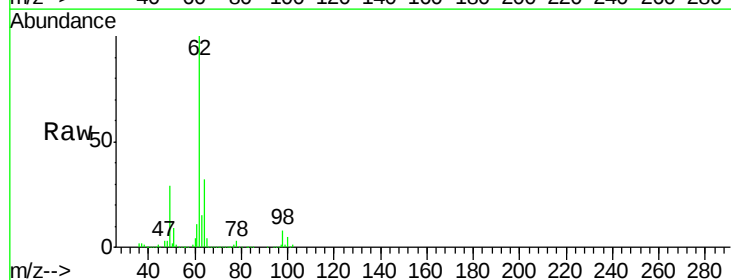
Instrument :
MSVOA_X
ClientSampleId :

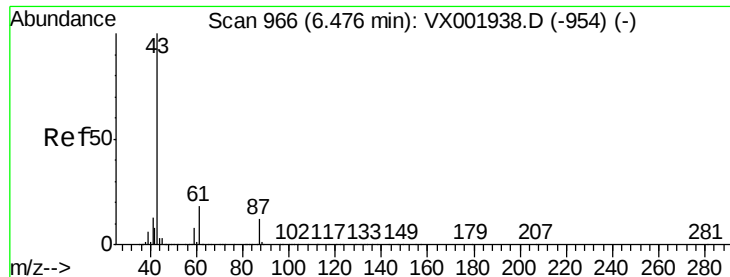
Tot Ion:	41	Resp:	177279
Ion	Ratio	Lower	Upper
41	100		
39	55.0	46.0	69.0
67	61.8	50.6	75.8
52	27.0	21.9	32.9



#42
1,2-Dichloroethane
Concen: 45.80 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion:	62	Resp:	287160
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



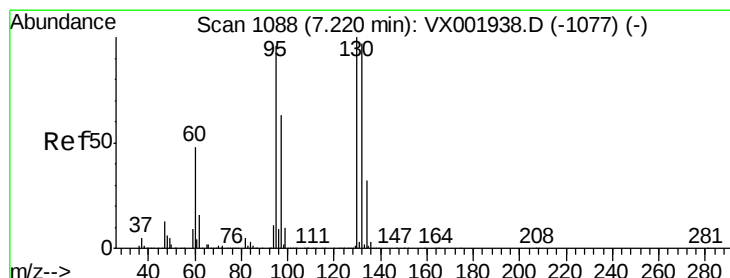
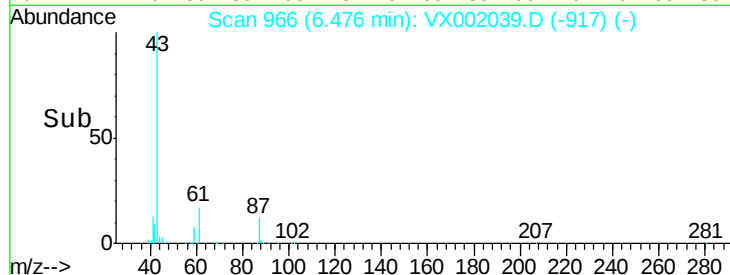
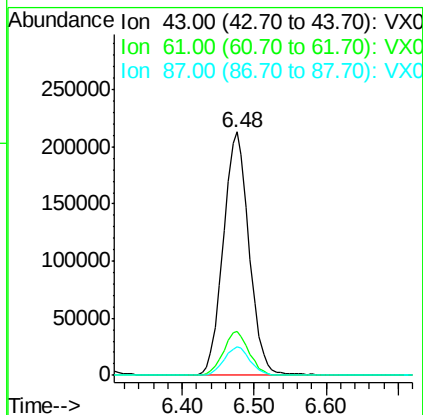
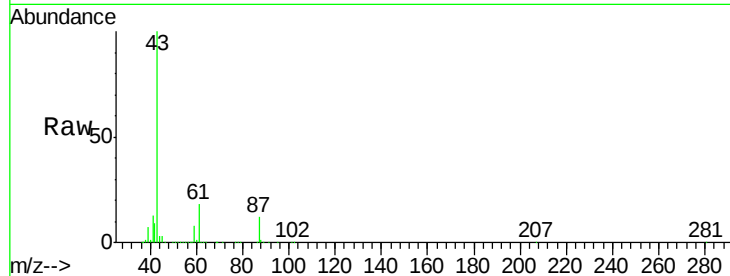


#43

Isopropyl Acetate
 Concen: 45.43 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX002039.D
 Acq: 27 May 2018 00:46

Instrument :
 MSVOA_X
 ClientSampleId :

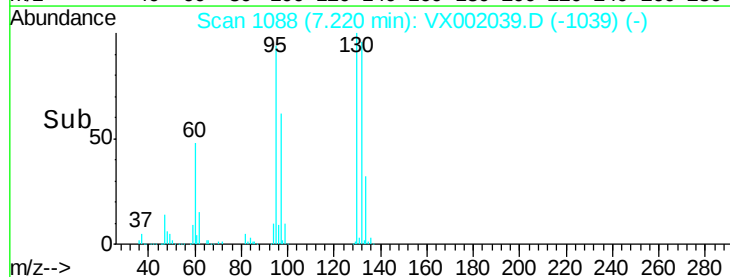
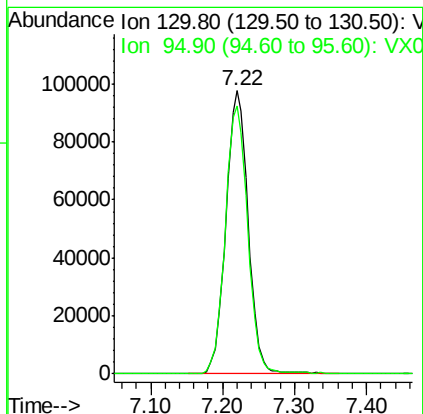
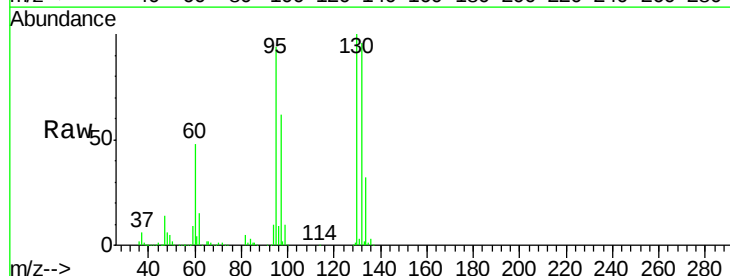
Tot Ion	43	Resp	528751
Ion Ratio	Lower	Upper	
43	100		
61	18.0	14.5	21.7
87	11.7	9.5	14.3

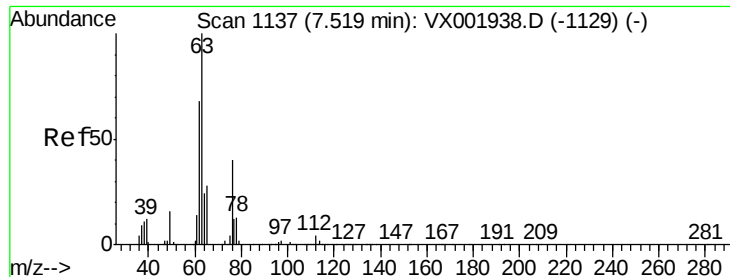


#44

Trichloroethene
 Concen: 45.98 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002039.D
 Acq: 27 May 2018 00:46

Tgt Ion	130	Resp	210313
Ion Ratio	Lower	Upper	
130	100		
95	94.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 47.61 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

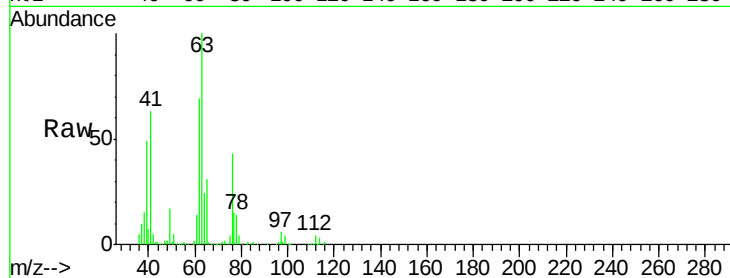
ClientSampleId :

Tot Ion: 63 Resp: 202951

Ion Ratio Lower Upper

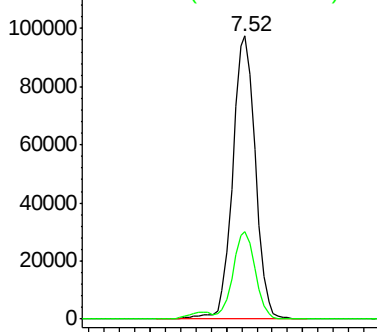
63 100

65 30.8 24.1 36.1

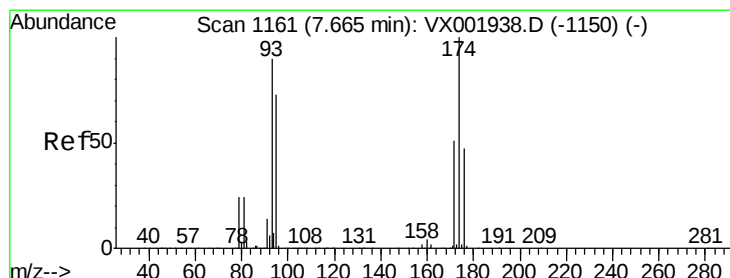
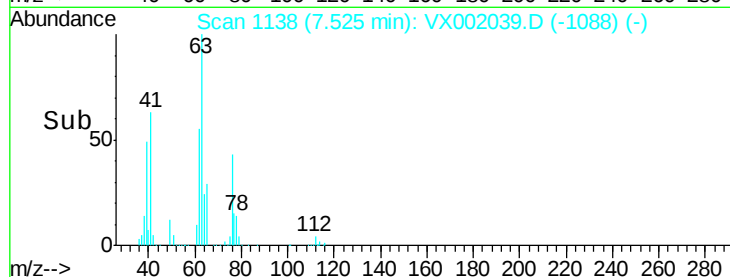


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 46.34 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

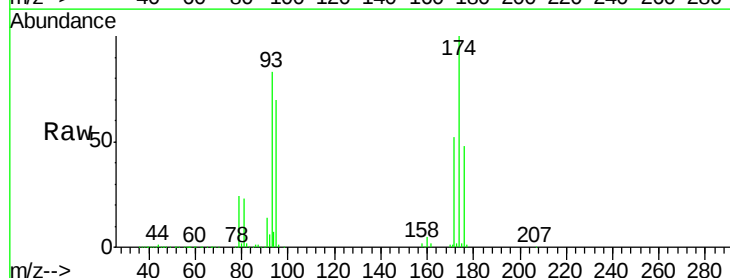
Tgt Ion: 93 Resp: 130789

Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

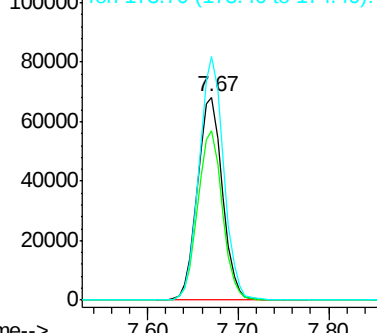
174 117.3 92.5 138.7



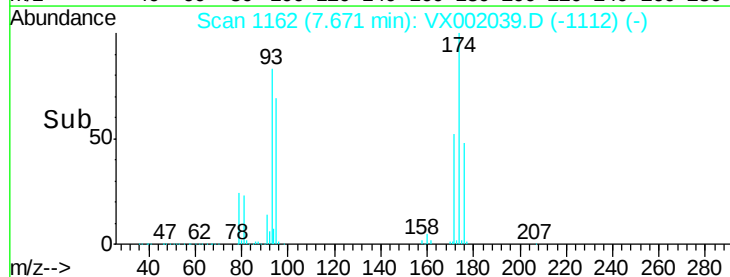
Abundance Ion 92.80 (92.50 to 93.50): VX0

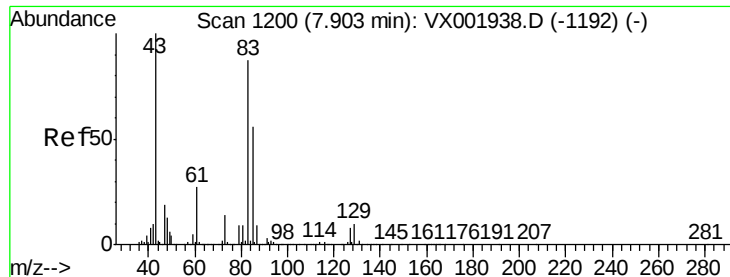
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 44.47 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :

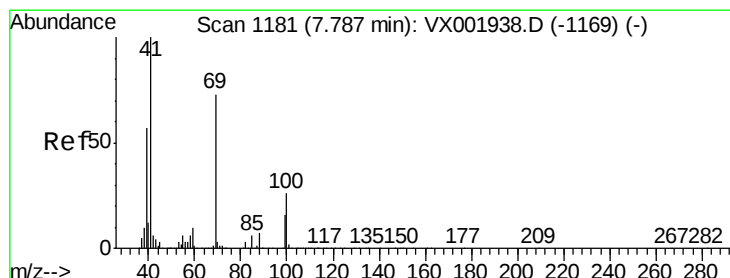
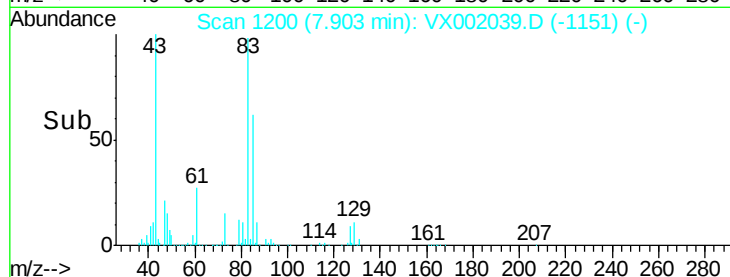
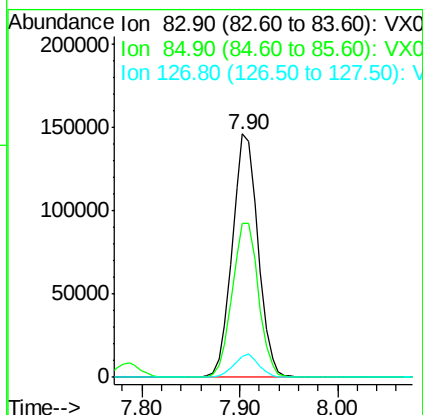
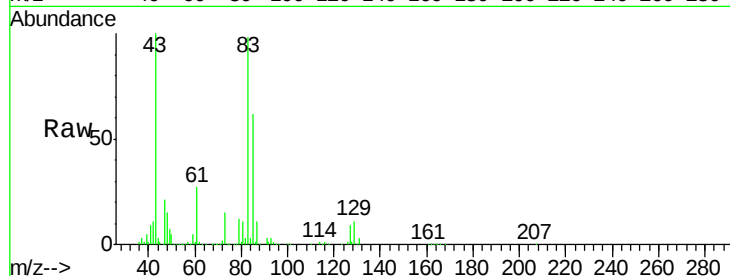
Tot Ion: 83 Resp: 267569

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.2

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 45.28 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

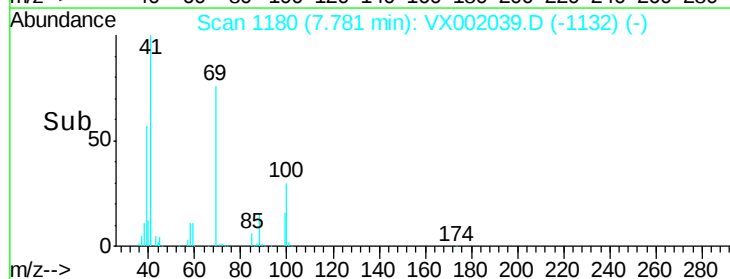
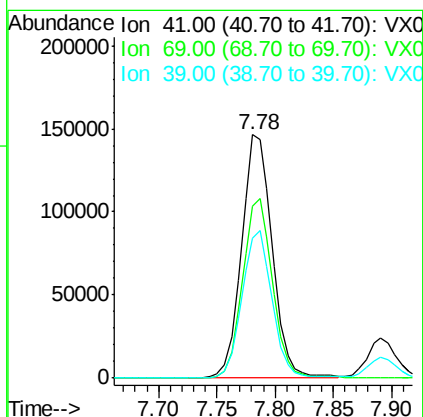
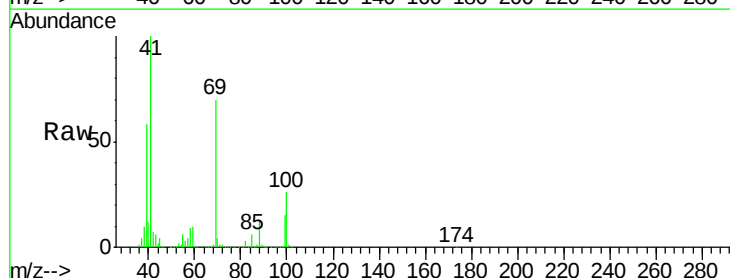
Tgt Ion: 41 Resp: 268214

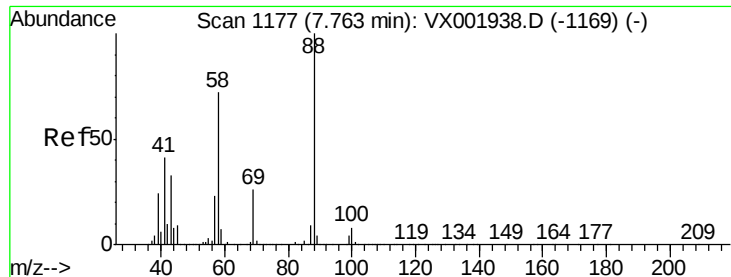
Ion Ratio Lower Upper

41 100

69 73.1 58.6 87.8

39 59.4 46.3 69.5

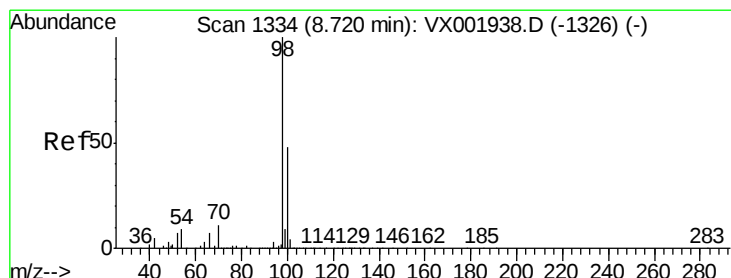
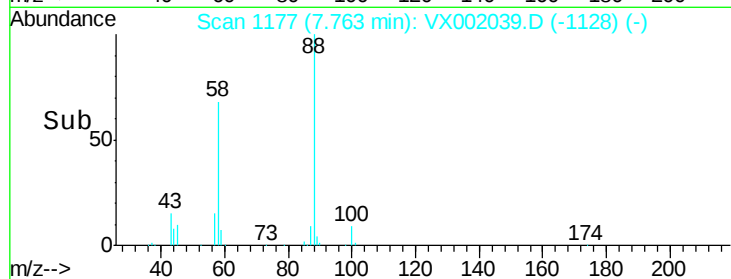
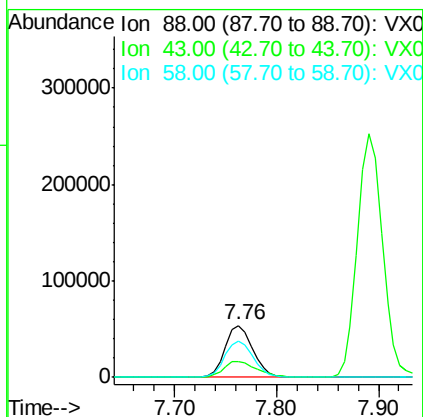
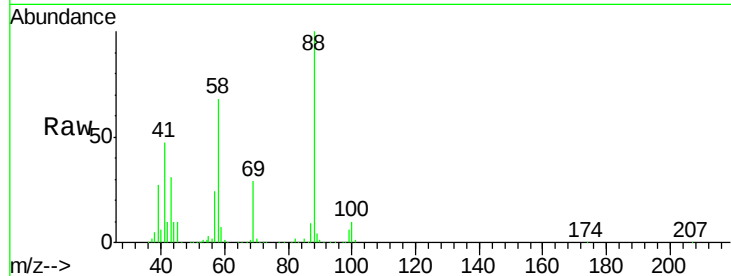




#49
1,4-Dioxane
Concen: 972.20 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

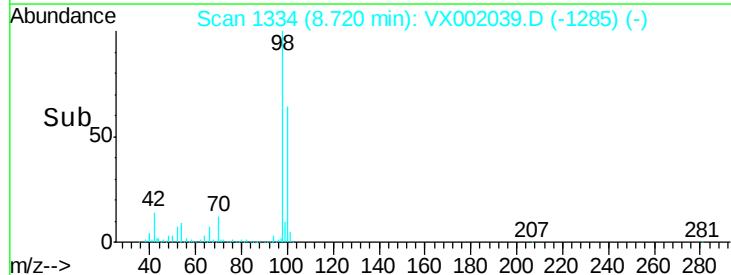
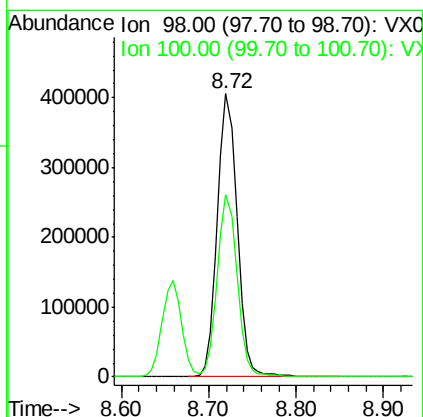
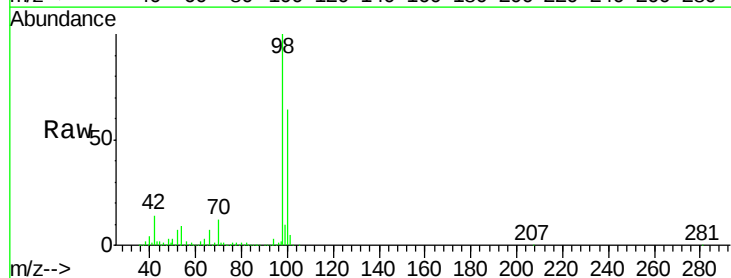
Instrument :
MSVOA_X
ClientSampleId :

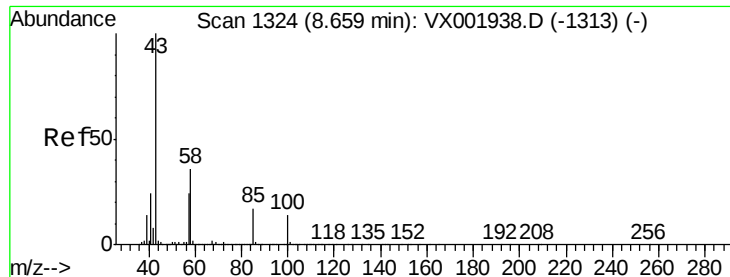
Tot Ion: 88 Resp: 101476
Ion Ratio Lower Upper
88 100
43 36.1 29.8 44.8
58 72.5 58.7 88.1



#50
Toluene-d8
Concen: 46.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 98 Resp: 642129
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 236.45 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

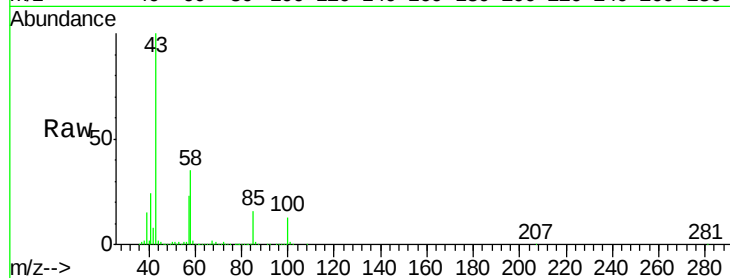
ClientSampleId :

Tot Ion: 43 Resp: 1658845

Ion Ratio Lower Upper

43 100

58 35.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

400000

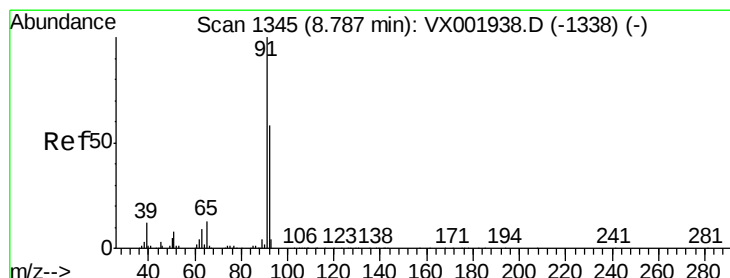
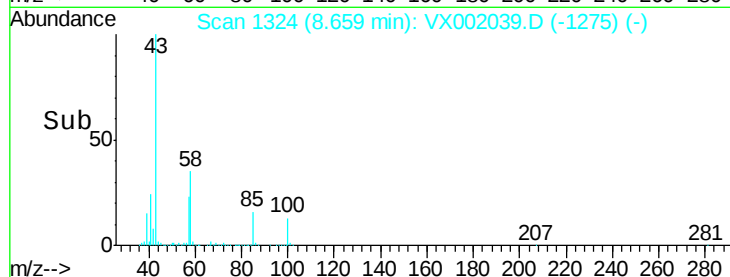
200000

0

8.66

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 47.64 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002039.D

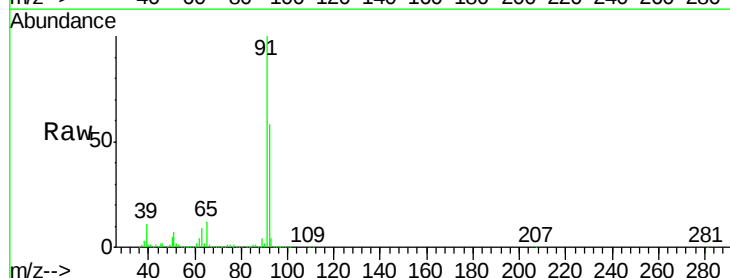
Acq: 27 May 2018 00:46

Tgt Ion: 92 Resp: 475916

Ion Ratio Lower Upper

92 100

91 174.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

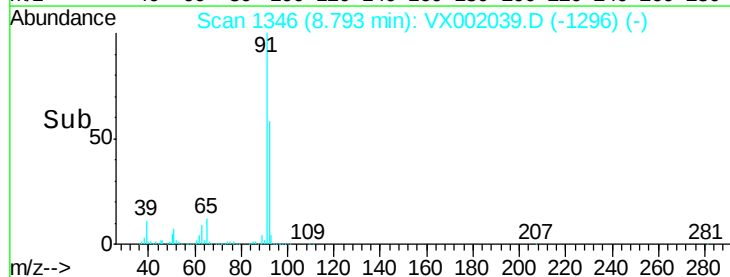
100000

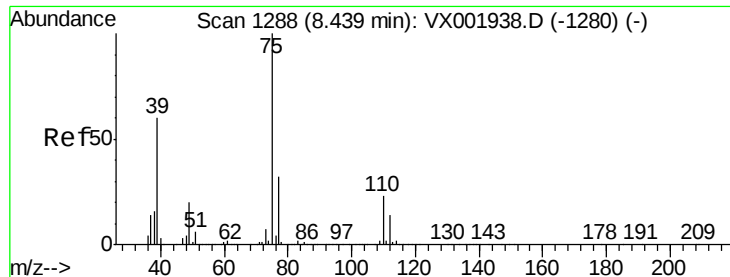
0

8.79

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 43.87 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

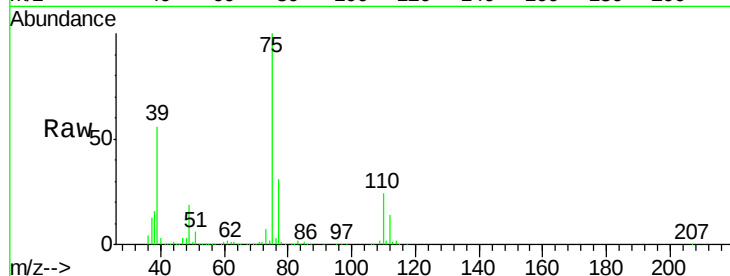
ClientSampleId :

Tot Ion: 75 Resp: 304014

Ion Ratio Lower Upper

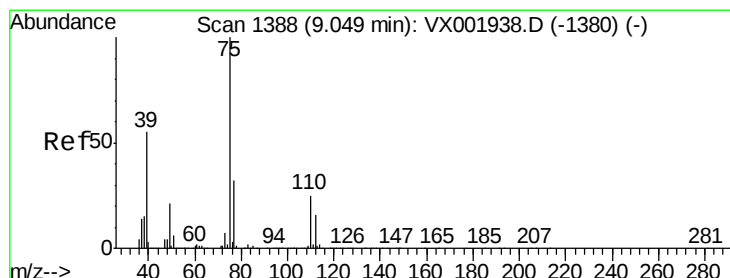
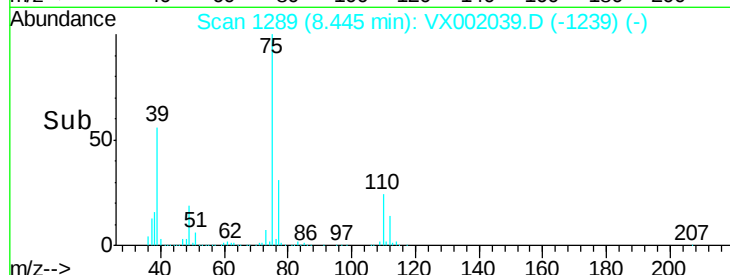
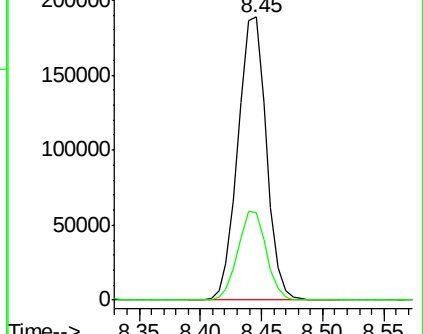
75 100

77 30.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 43.33 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

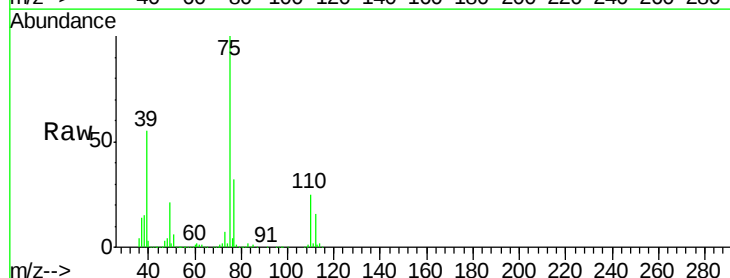
Tgt Ion: 75 Resp: 292612

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

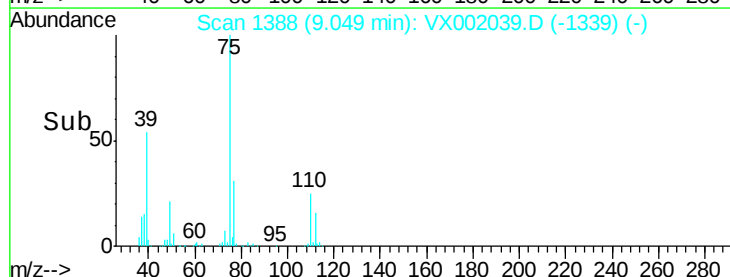
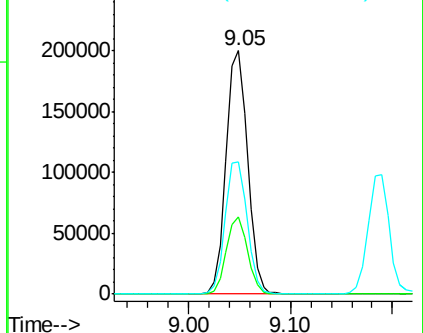
39 54.4 44.1 66.1

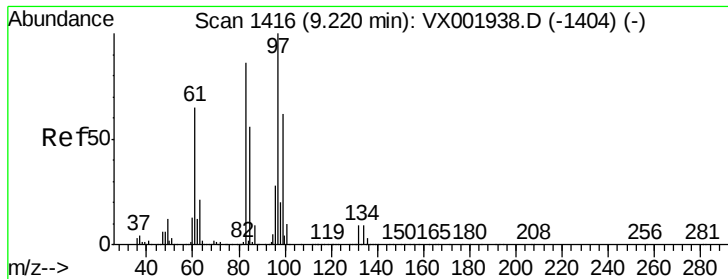


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 46.19 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 192742

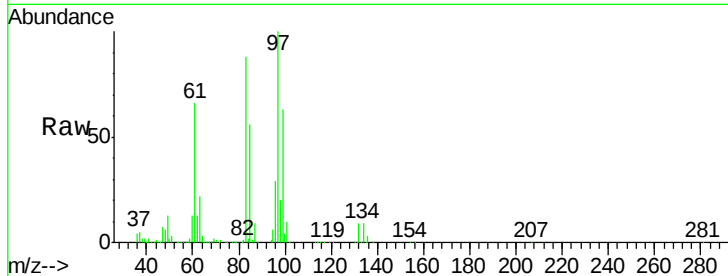
Ion Ratio Lower Upper

97 100

83 88.0 69.1 103.7

85 56.0 45.2 67.8

99 63.2 49.6 74.4

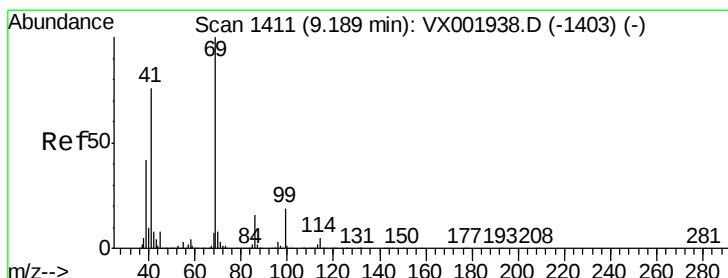
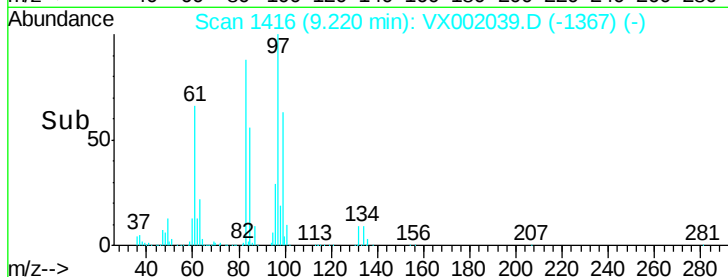
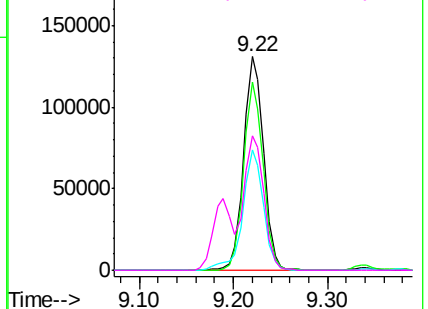


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 45.20 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

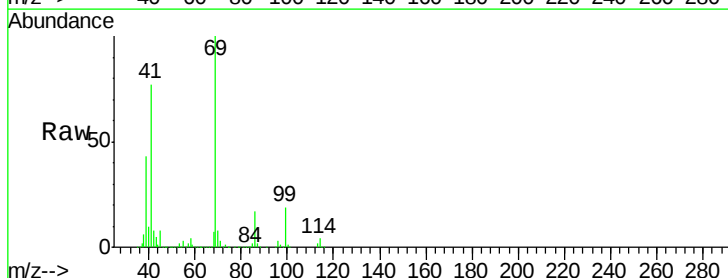
Tgt Ion: 69 Resp: 324446

Ion Ratio Lower Upper

69 100

41 77.4 61.0 91.6

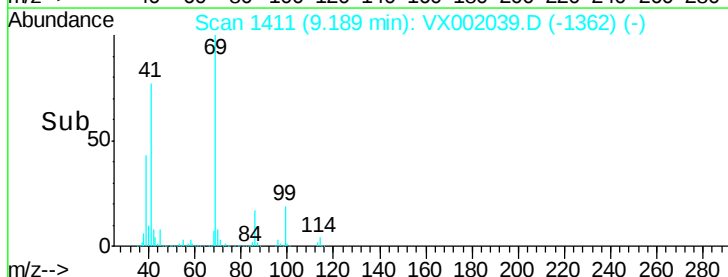
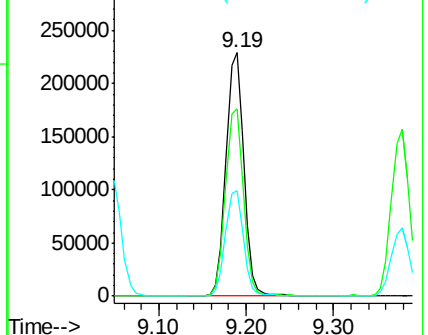
39 43.8 34.4 51.6

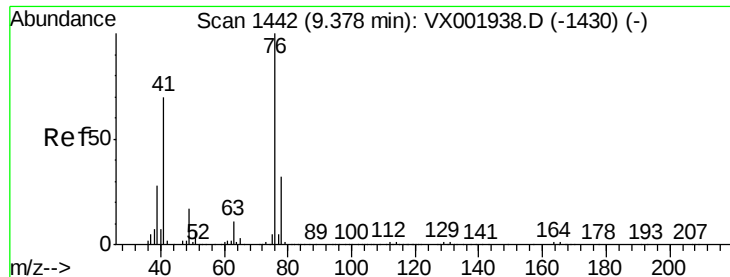


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.46 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

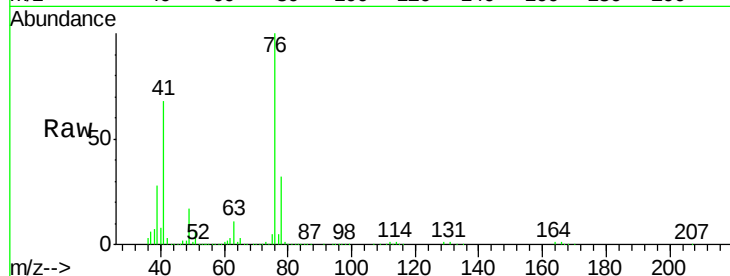
ClientSampleId :

Tot Ion: 76 Resp: 326225

Ion Ratio Lower Upper

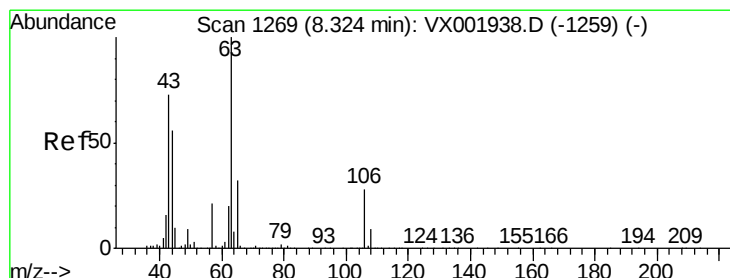
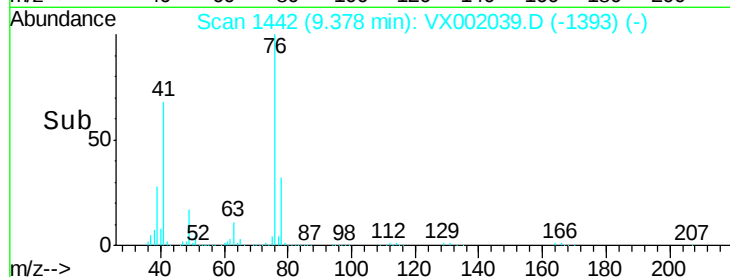
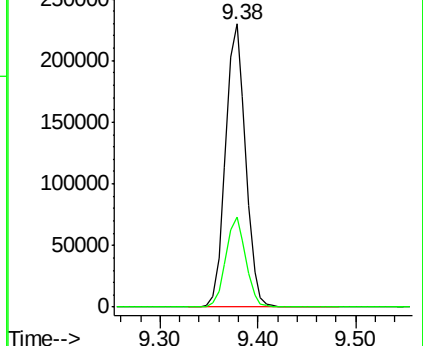
76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.60 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002039.D

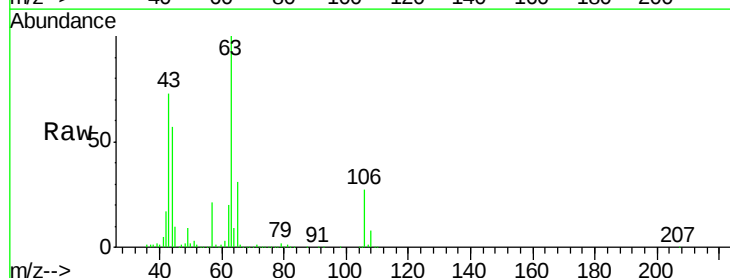
Acq: 27 May 2018 00:46

Tgt Ion: 63 Resp: 762237

Ion Ratio Lower Upper

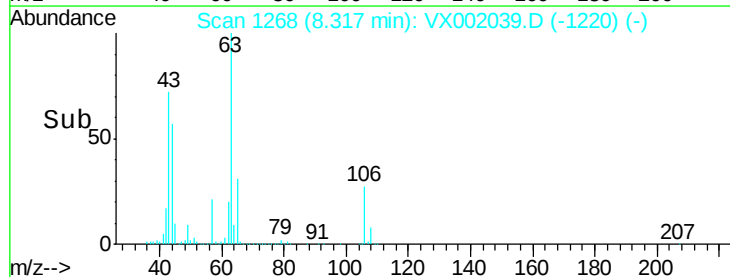
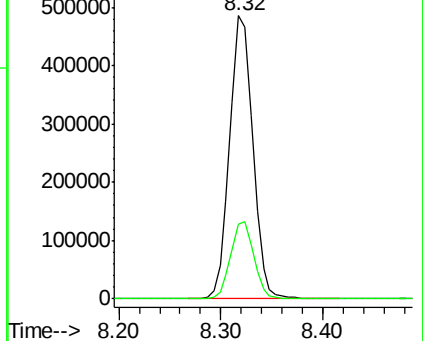
63 100

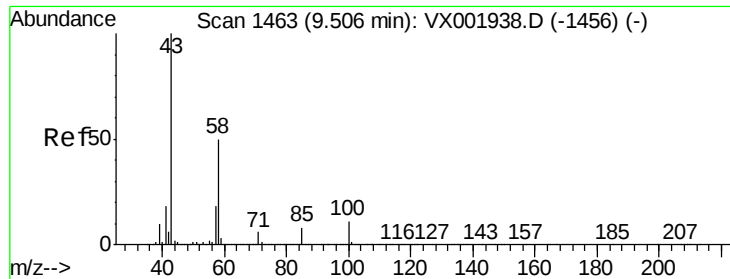
106 27.4 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

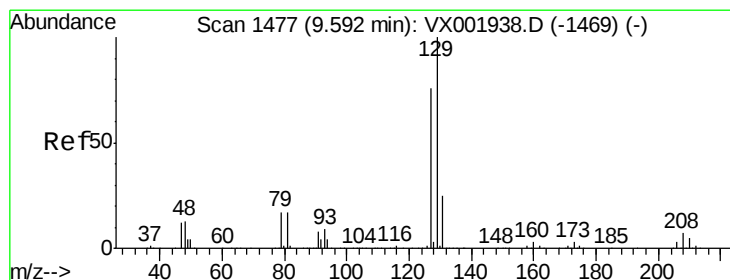
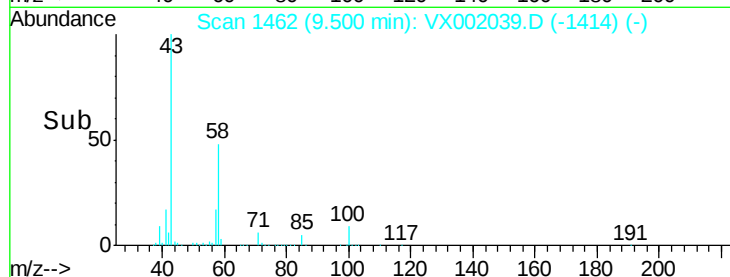
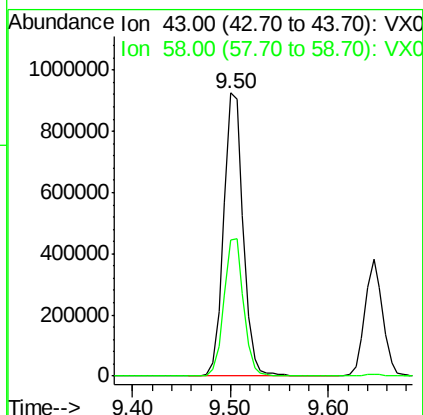
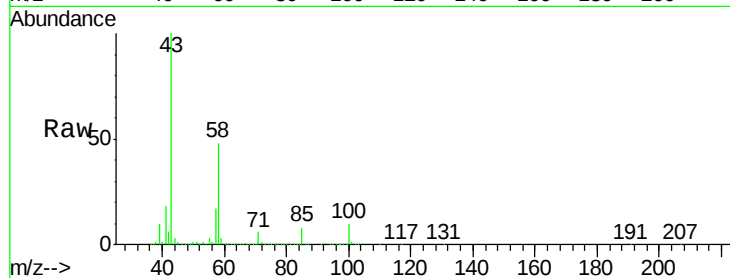




#59
2-Hexanone
Concen: 236.51 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

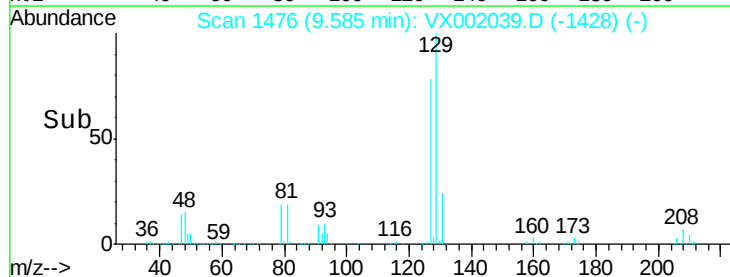
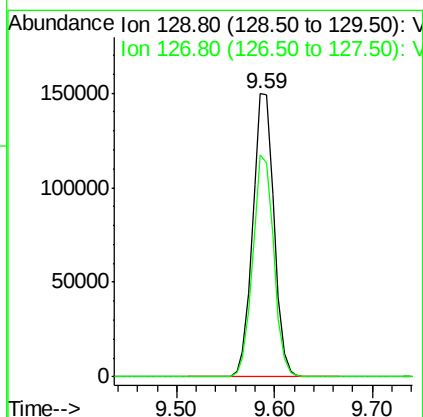
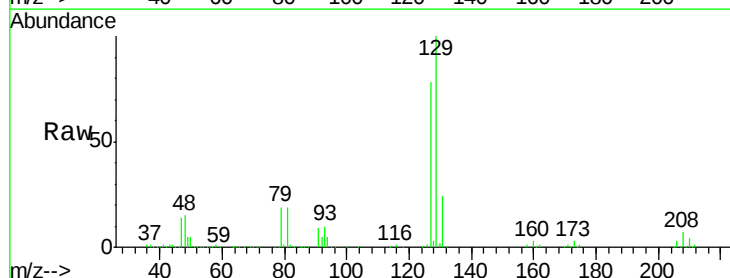
Instrument :
MSVOA_X
ClientSampleId :

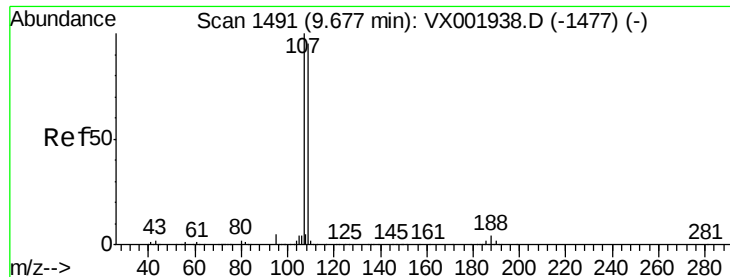
Tot Ion: 43 Resp: 1279372
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6



#60
Dibromochloromethane
Concen: 45.64 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion: 129 Resp: 225594
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

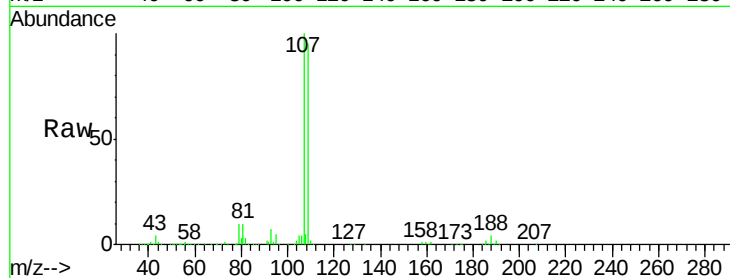
ClientSampleId :

Tot Ion:107 Resp: 206167

Ion Ratio Lower Upper

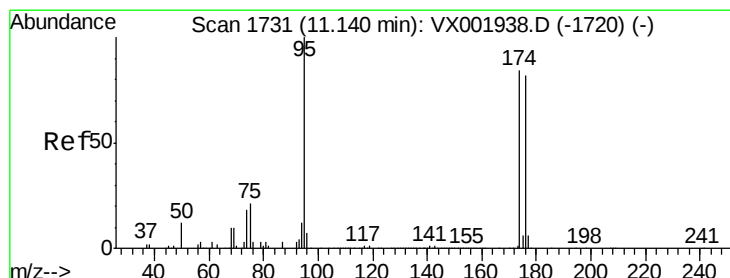
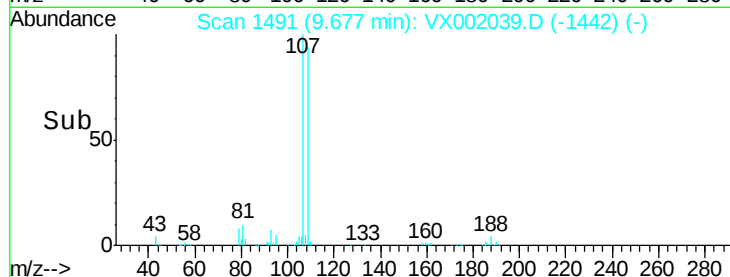
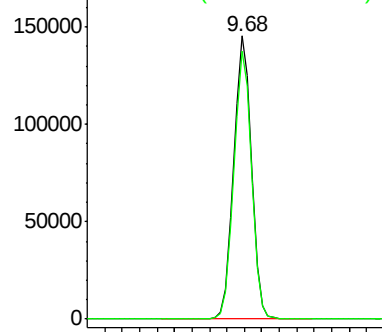
107 100

109 94.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

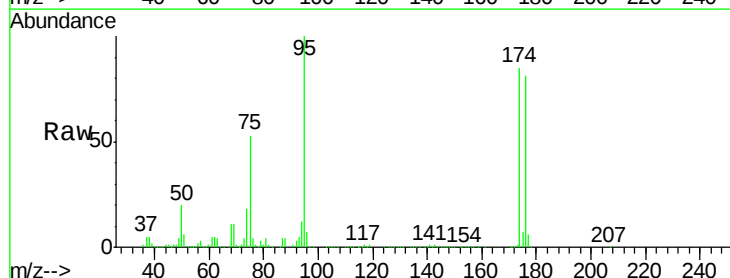
Tgt Ion: 95 Resp: 252280

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.8

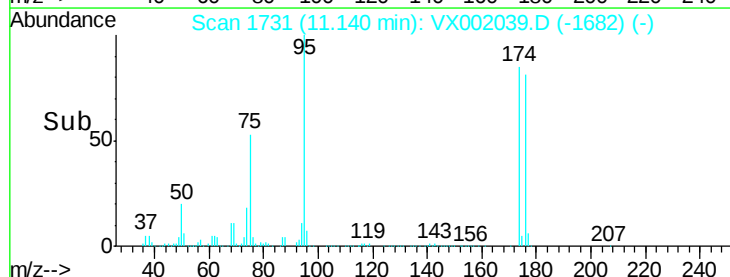
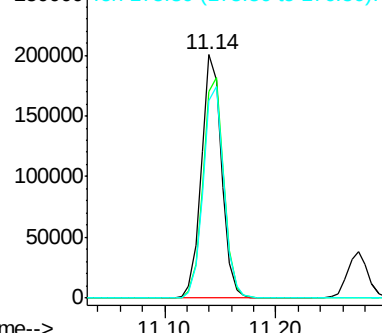
176 88.8 0.0 175.6

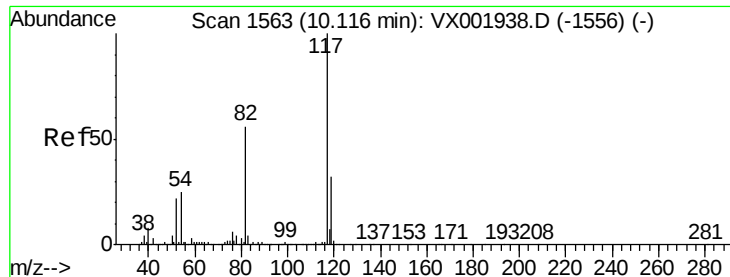


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

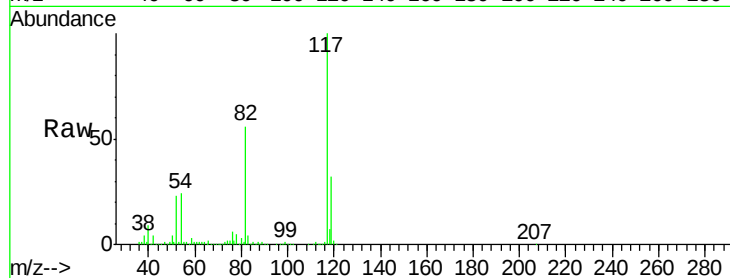
Tot Ion:117 Resp: 357534

Ion Ratio Lower Upper

117 100

82 55.9 44.8 67.2

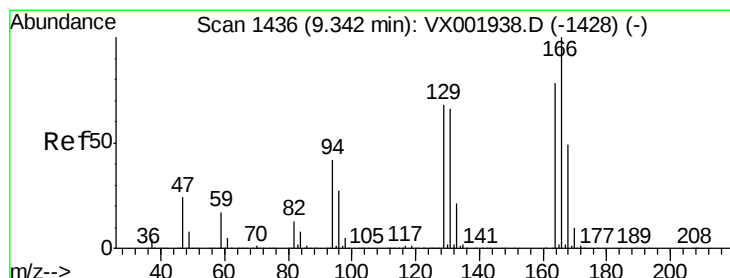
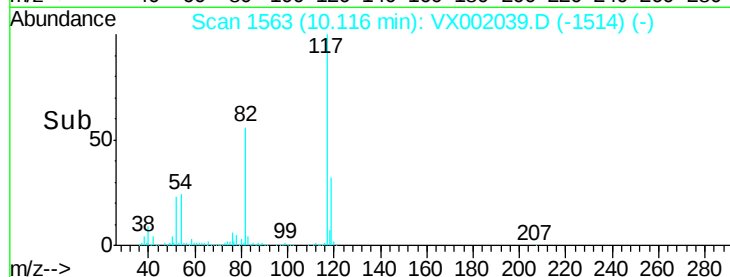
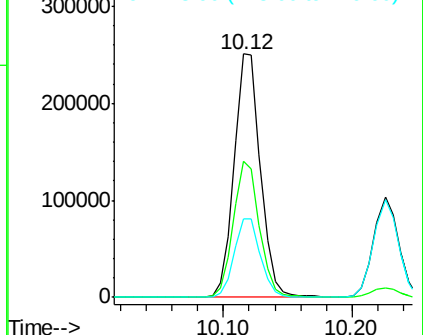
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.58 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Tgt Ion:164 Resp: 238785

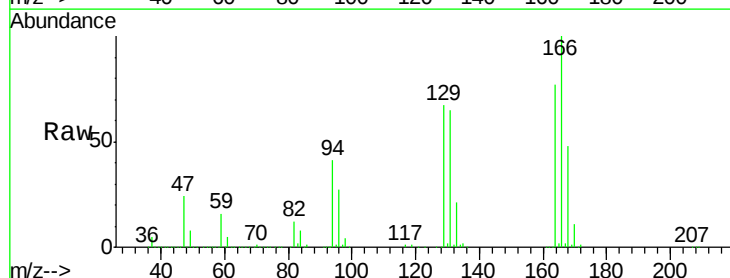
Ion Ratio Lower Upper

164 100

166 129.2 102.7 154.1

129 86.6 70.3 105.5

131 84.5 68.2 102.4

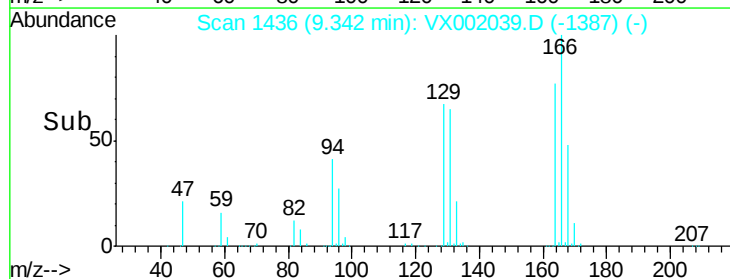
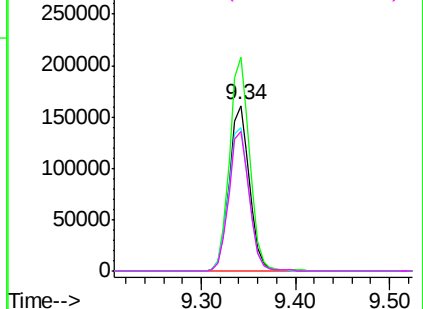


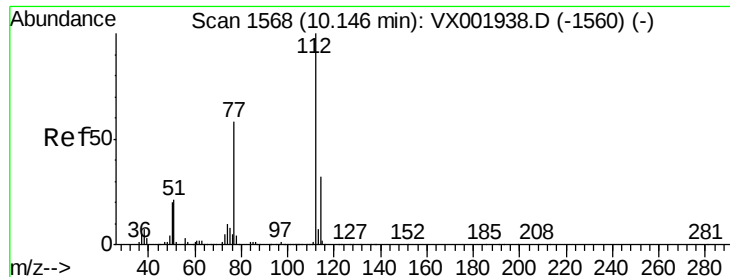
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

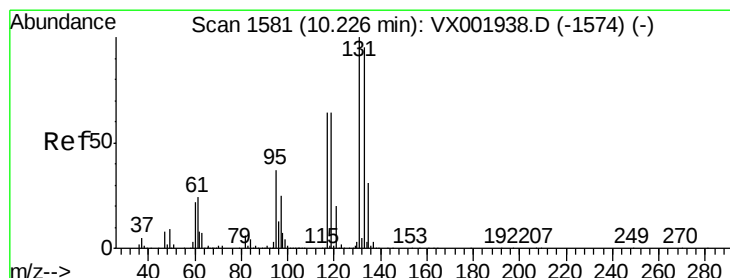
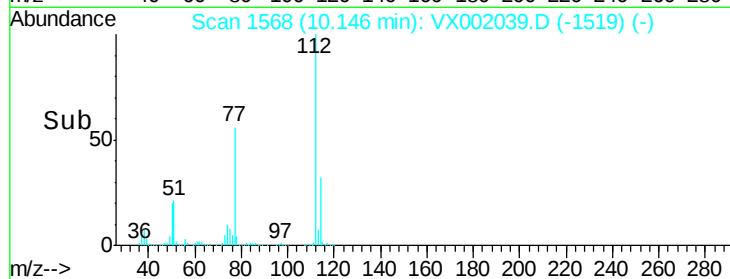
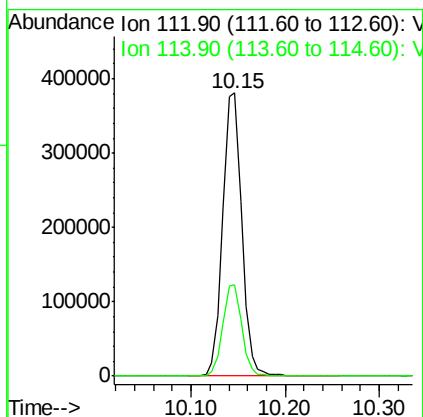
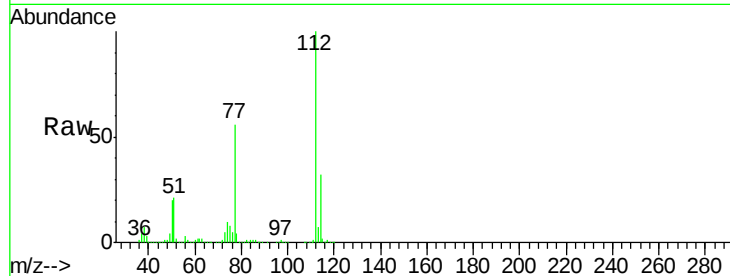




#65
Chlorobenzene
Concen: 47.45 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

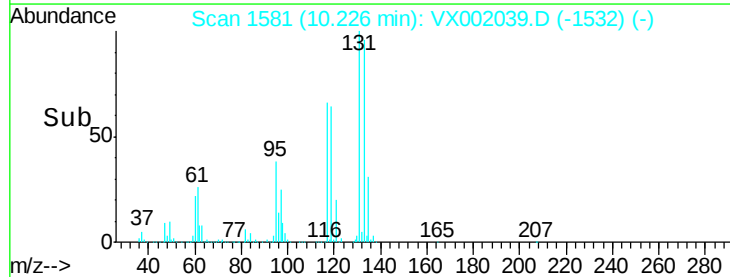
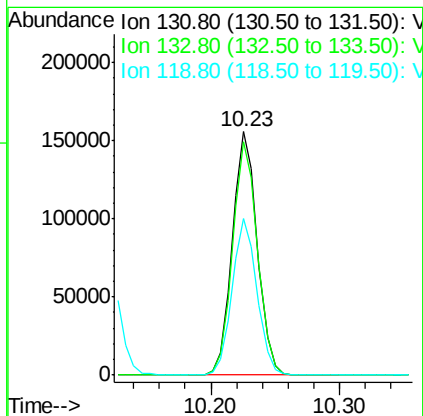
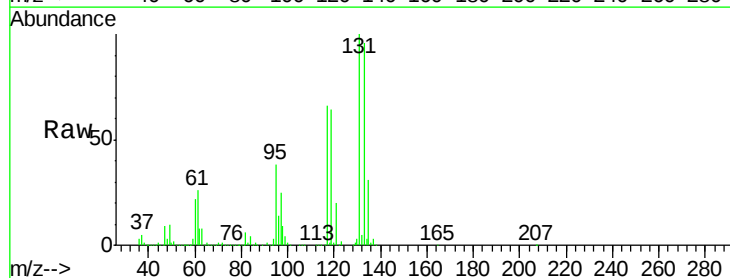
Instrument :
MSVOA_X
ClientSampleId :

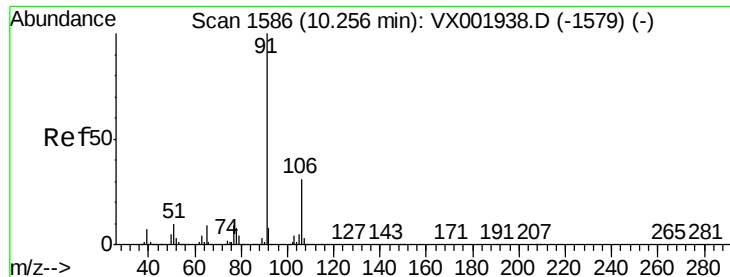
Tot Ion:112 Resp: 537449
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 45.86 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion:131 Resp: 209754
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 64.2 31.9 95.5





#67

Ethyl Benzene

Concen: 47.68 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

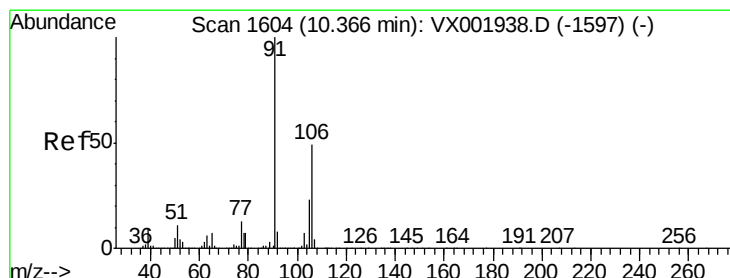
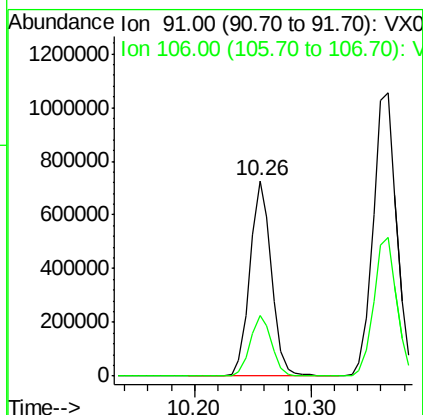
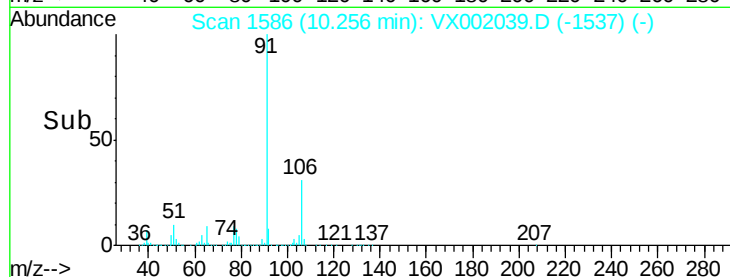
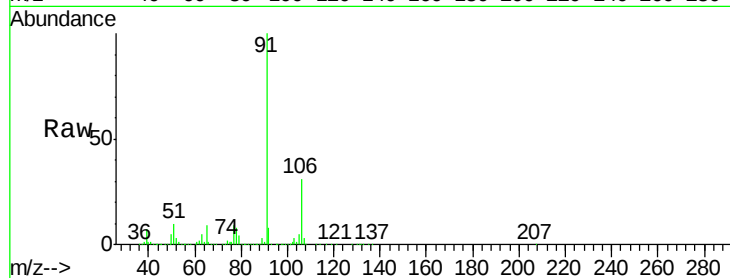
ClientSampleId :

Tot Ion: 91 Resp: 938296

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6



#68

m/p-Xylenes

Concen: 95.16 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002039.D

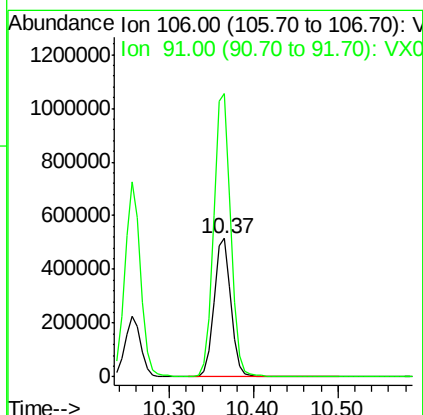
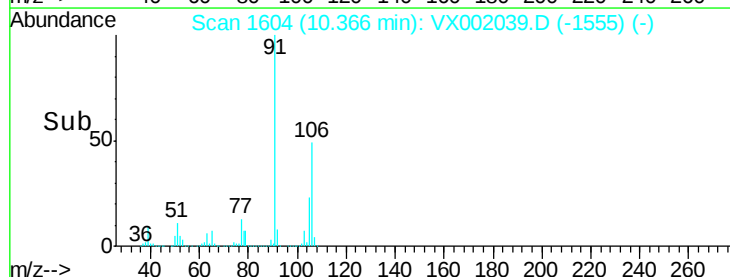
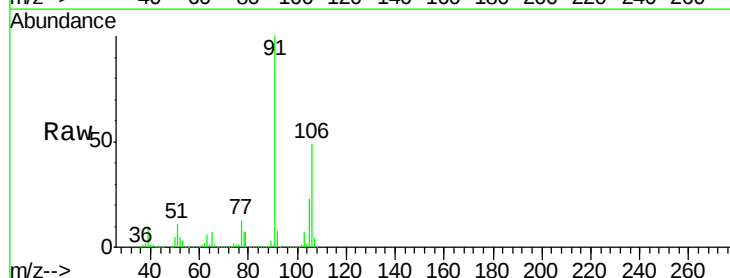
Acq: 27 May 2018 00:46

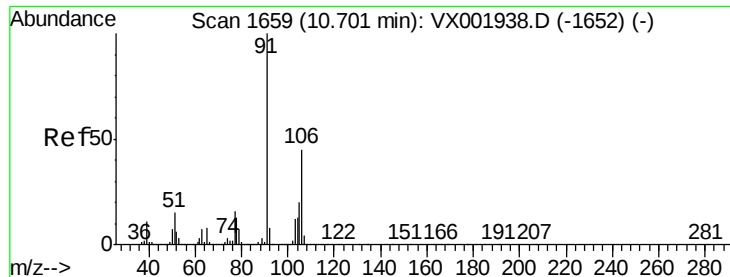
Tgt Ion: 106 Resp: 715939

Ion Ratio Lower Upper

106 100

91 206.2 165.0 247.6

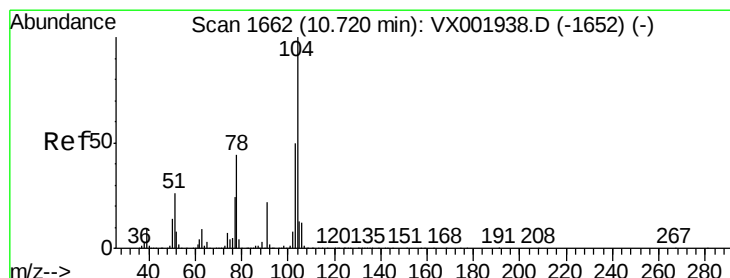
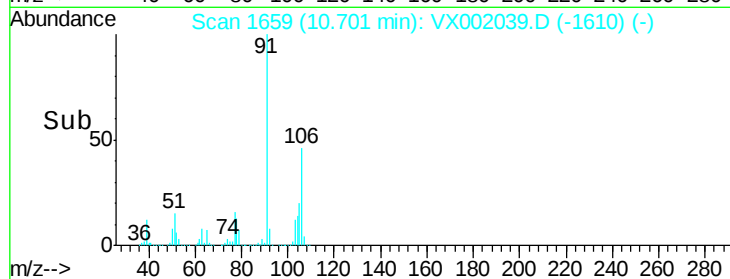
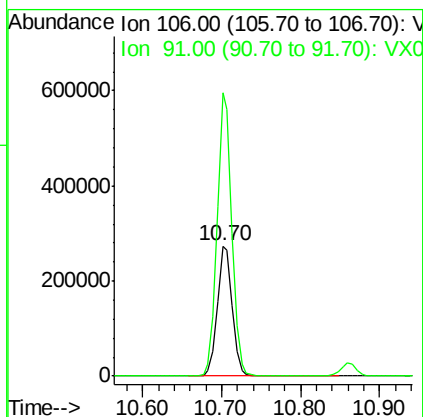
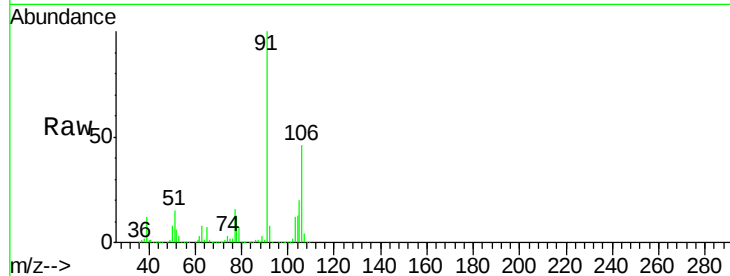




#69
o-Xylene
Concen: 47.87 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

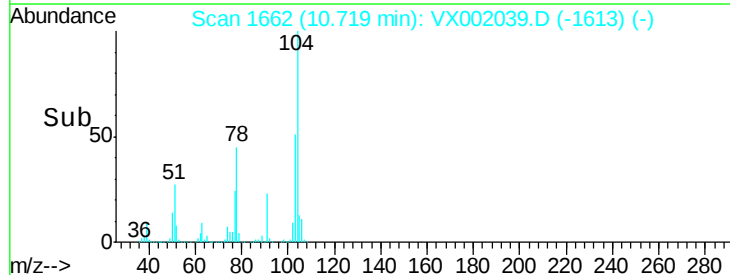
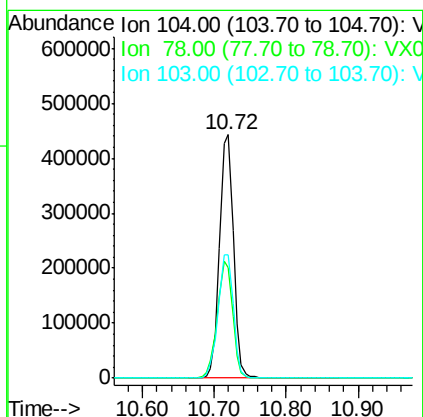
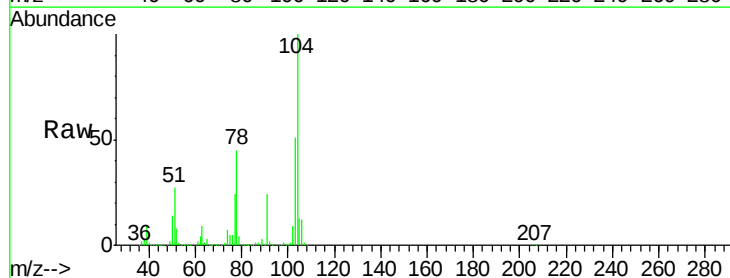
Instrument :
MSVOA_X
ClientSampleId :

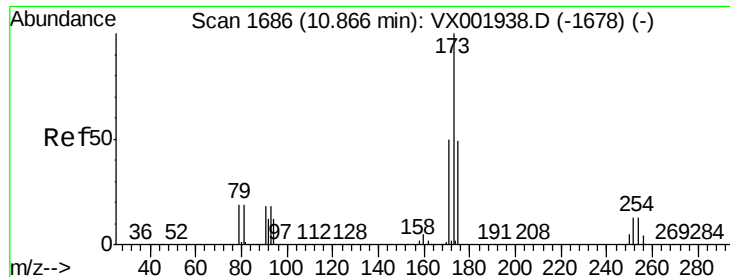
Tot Ion:106 Resp: 359609
Ion Ratio Lower Upper
106 100
91 215.1 108.7 325.9



#70
Styrene
Concen: 47.64 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002039.D
Acq: 27 May 2018 00:46

Tgt Ion:104 Resp: 593477
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.6
103 55.9 44.6 67.0





#71

Bromoform

Concen: 43.75 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

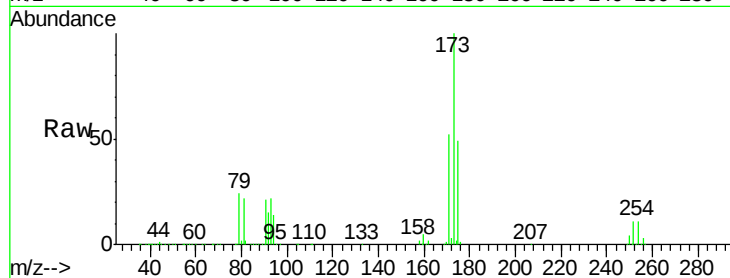
Tot Ion:173 Resp: 189761

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.9

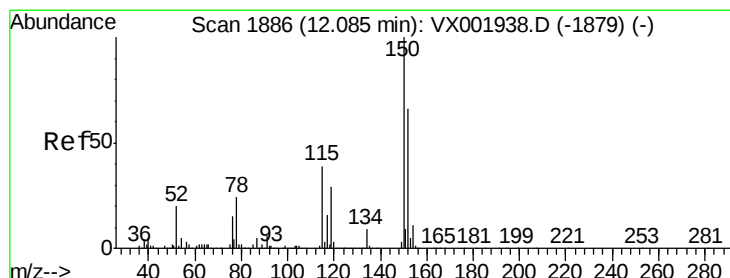
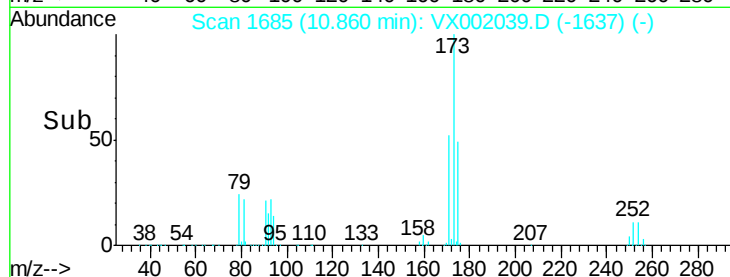
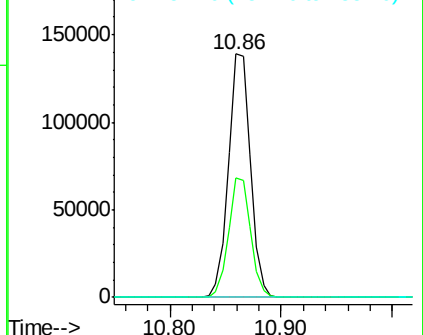
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

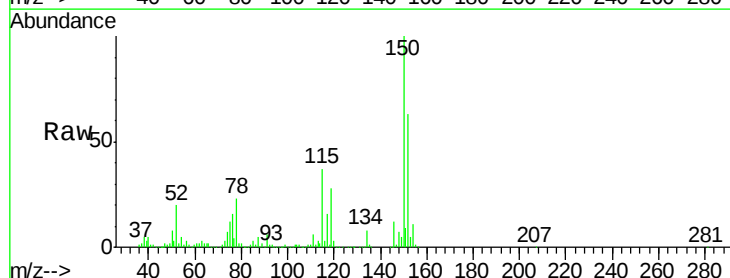
Tgt Ion:152 Resp: 243960

Ion Ratio Lower Upper

152 100

115 83.5 42.3 126.8

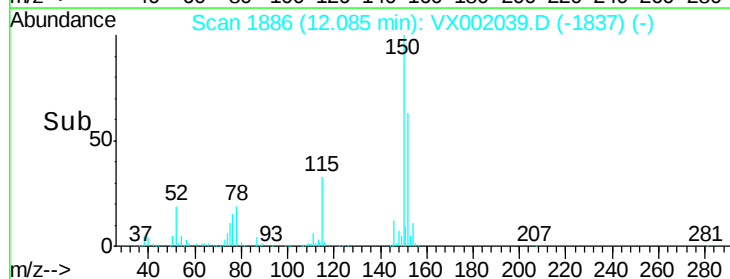
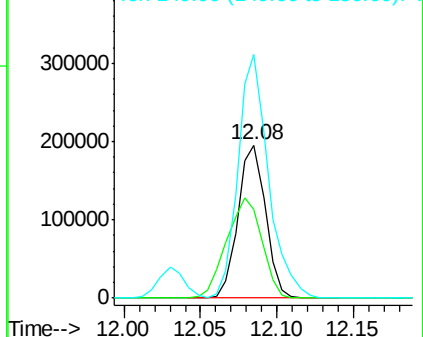
150 175.3 0.0 351.0

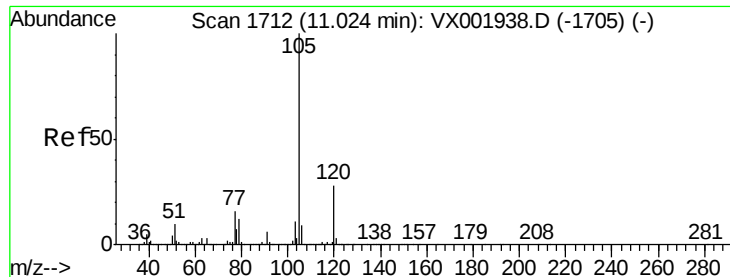


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

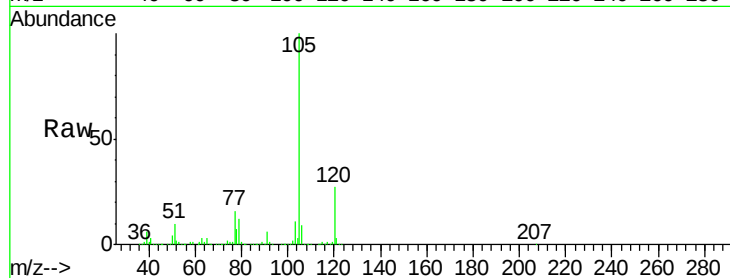
ClientSampled :

Tot Ion:105 Resp: 960193

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

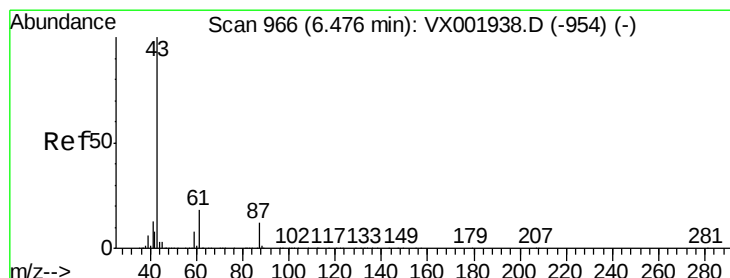
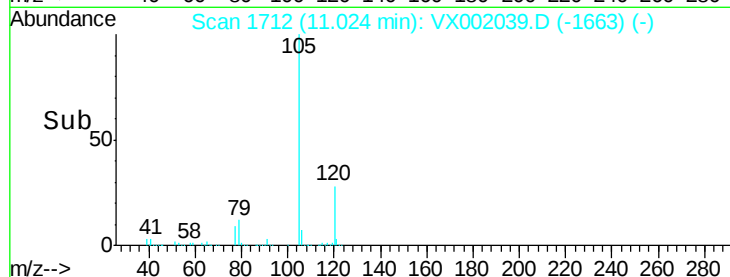
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 49.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Tgt Ion: 43 Resp: 528751

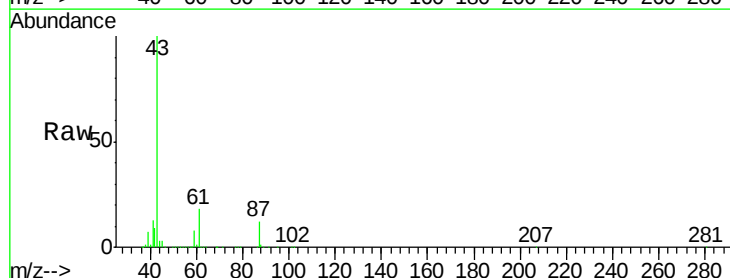
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 18.0 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

100000

50000

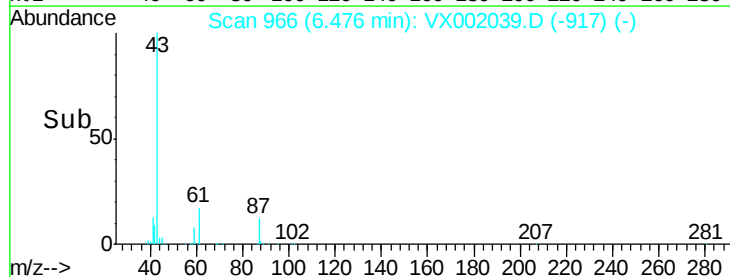
0

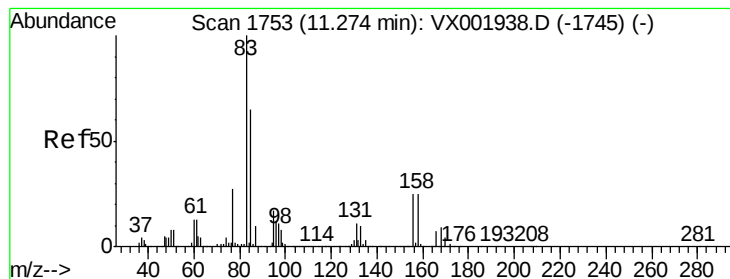
6.48

6.40

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

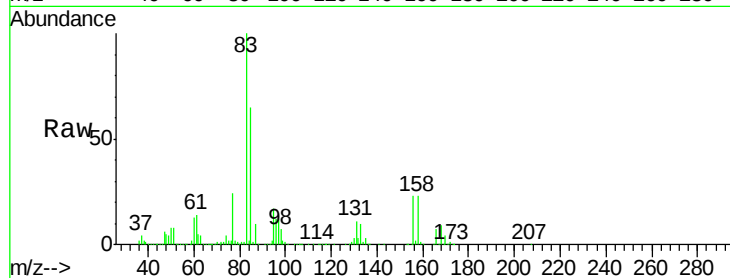
Tot Ion: 83 Resp: 287673

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

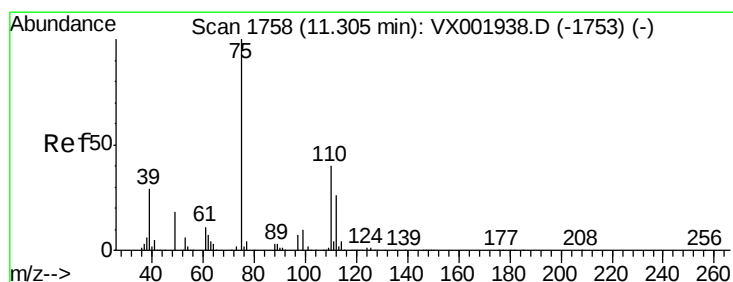
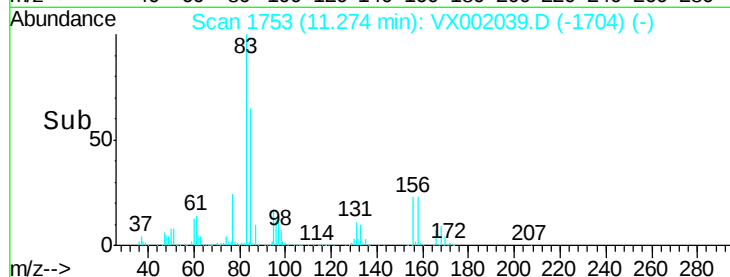
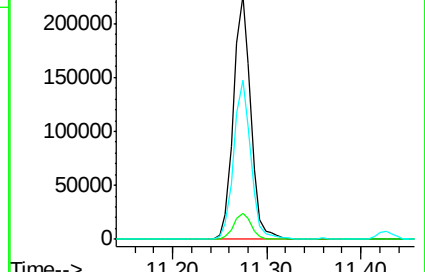
85 64.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.11 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002039.D

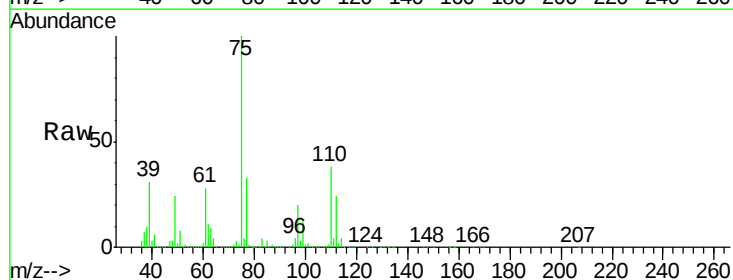
Acq: 27 May 2018 00:46

Tgt Ion: 75 Resp: 358074

Ion Ratio Lower Upper

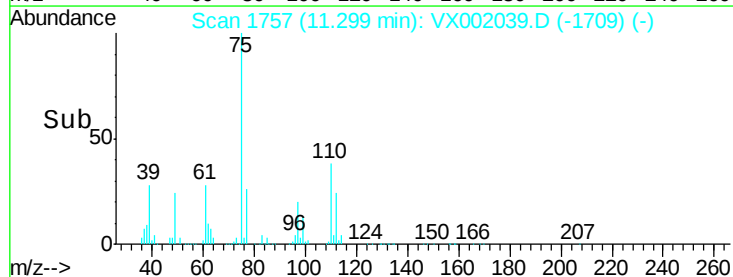
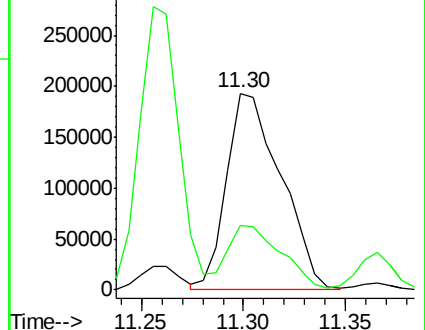
75 100

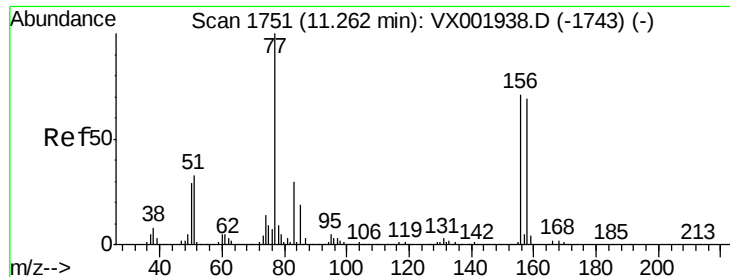
77 32.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

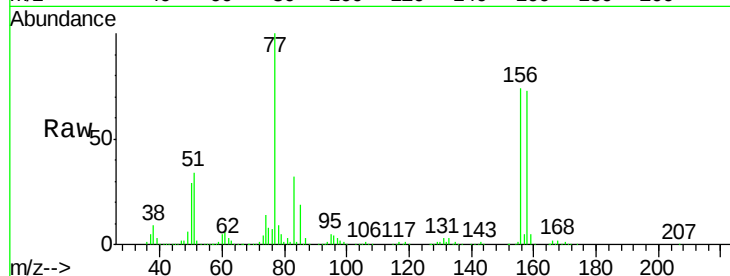
Tot Ion:156 Resp: 258023

Ion Ratio Lower Upper

156 100

77 143.7 75.2 225.6

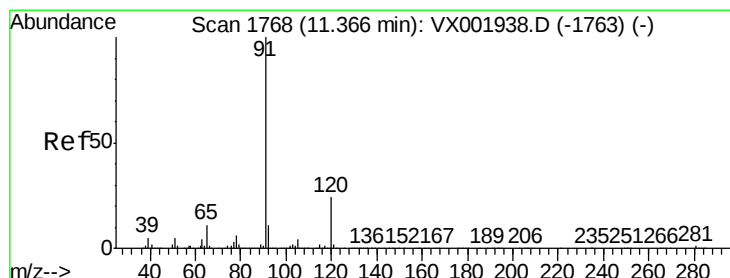
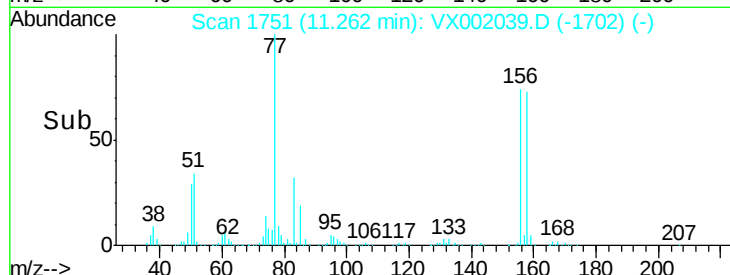
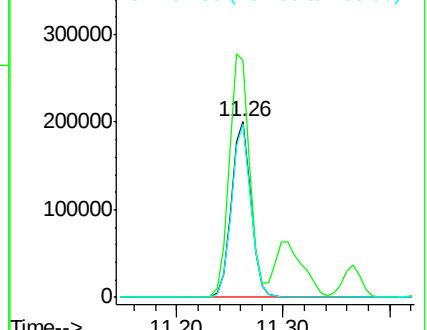
158 97.6 48.6 145.8



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: 46.63 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002039.D

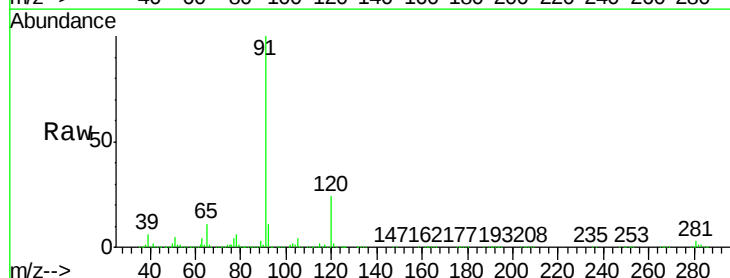
Acq: 27 May 2018 00:46

Tgt Ion: 91 Resp: 1079009

Ion Ratio Lower Upper

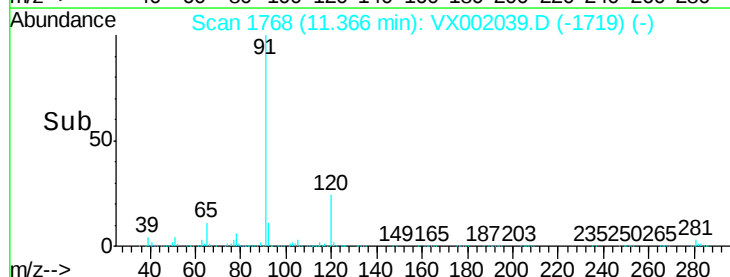
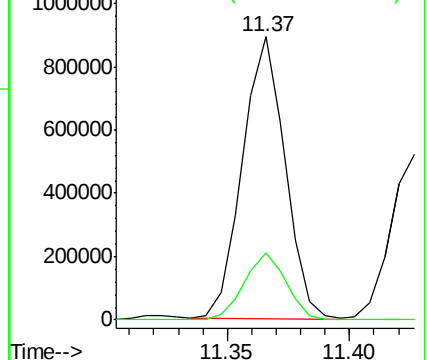
91 100

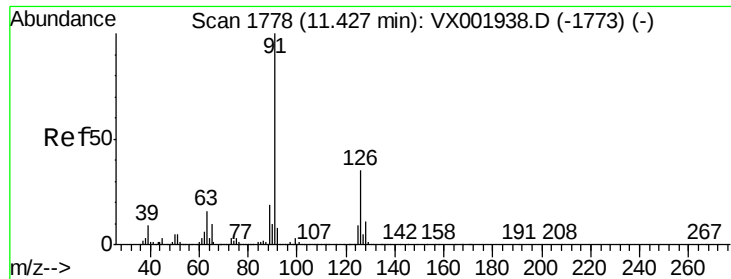
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

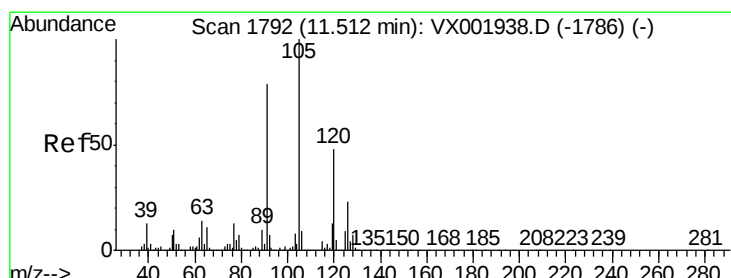
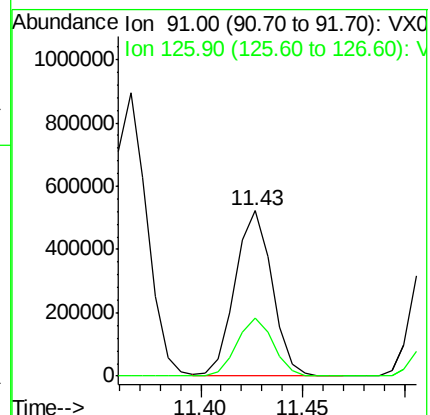
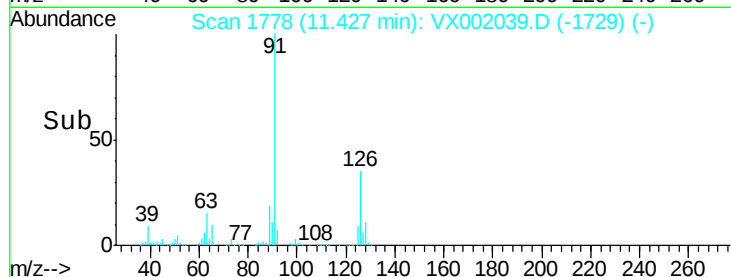
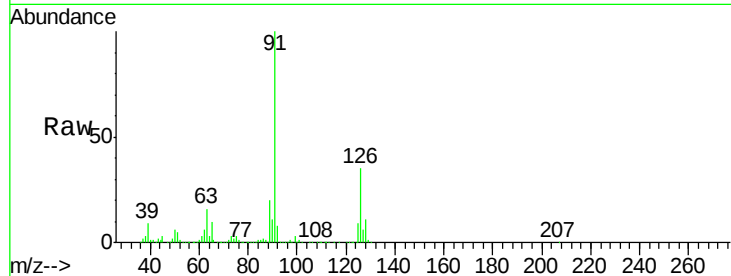
ClientSampleId :

Tot Ion: 91 Resp: 650744

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.42 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002039.D

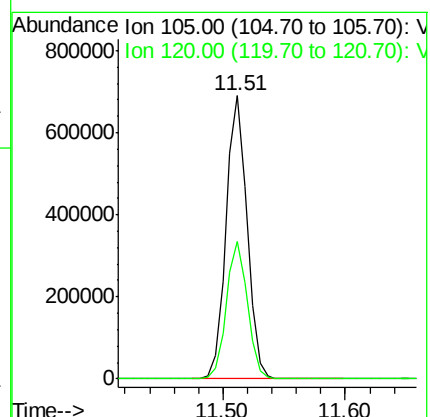
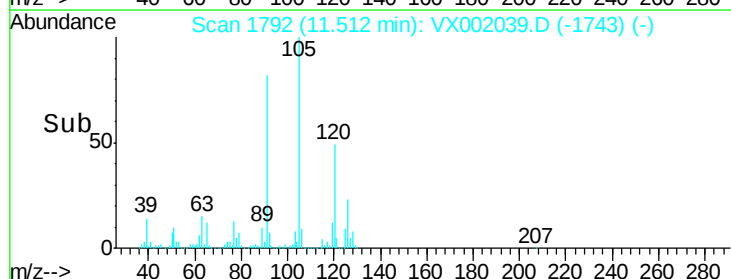
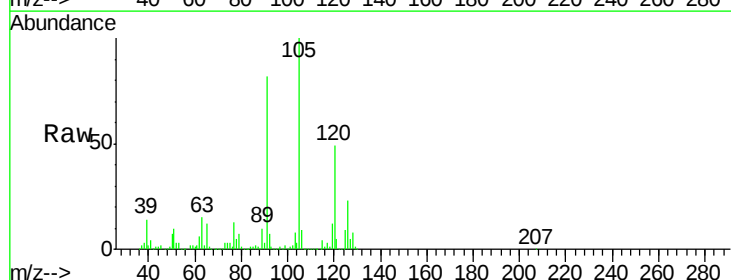
Acq: 27 May 2018 00:46

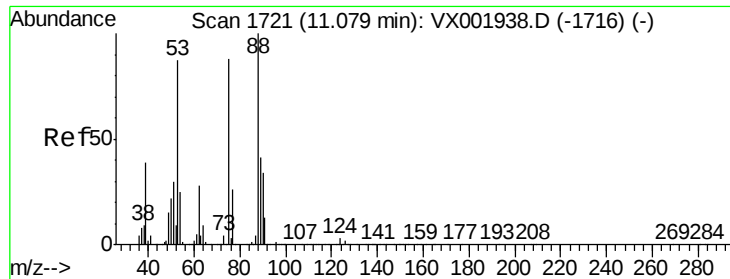
Tgt Ion: 105 Resp: 819581

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 36.91 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

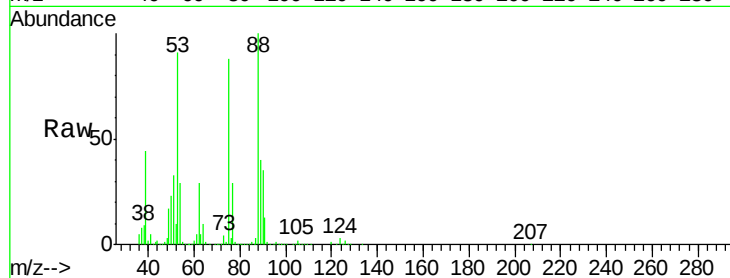
Tot Ion: 75 Resp: 89991

Ion Ratio Lower Upper

75 100

53 102.9 78.0 117.0

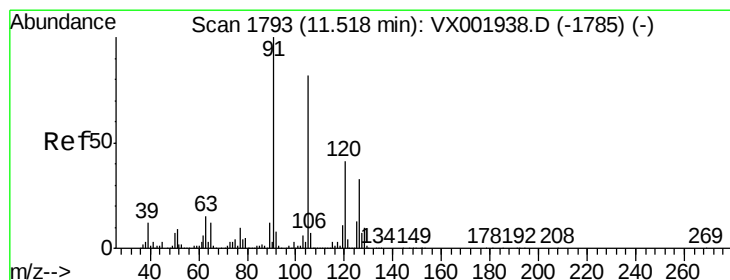
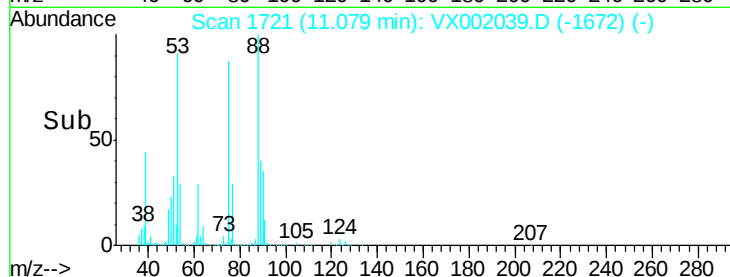
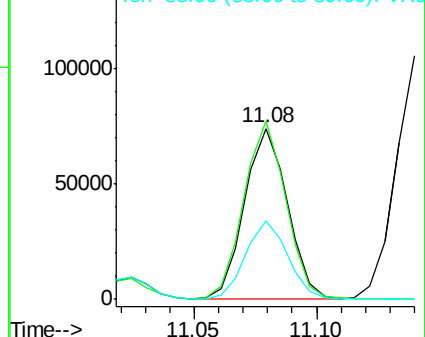
89 45.9 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.08 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX002039.D

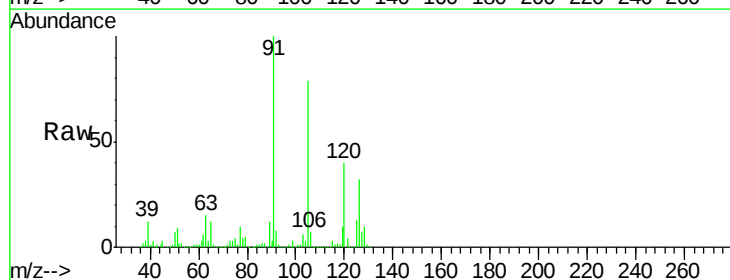
Acq: 27 May 2018 00:46

Tgt Ion: 91 Resp: 768275

Ion Ratio Lower Upper

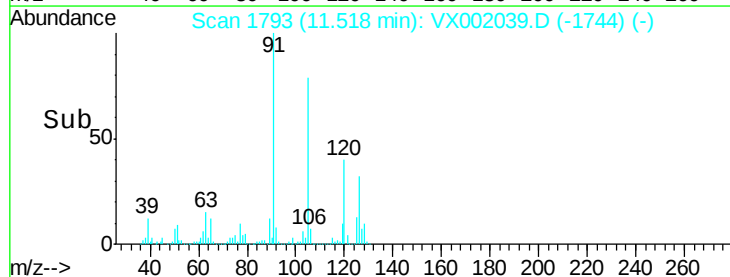
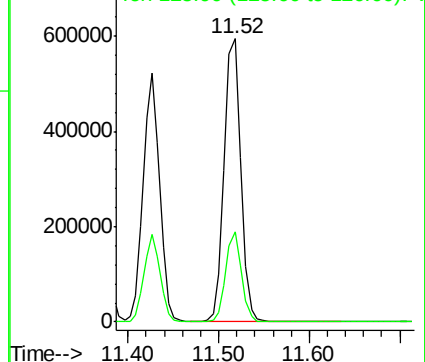
91 100

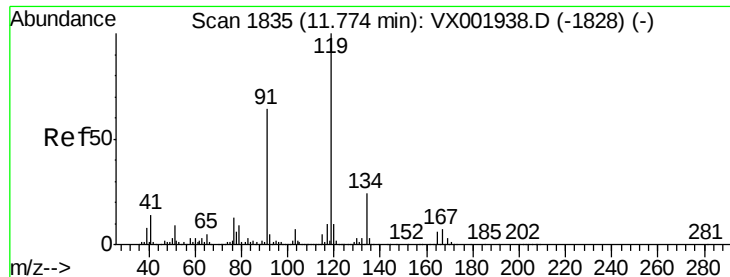
126 30.1 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.09 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

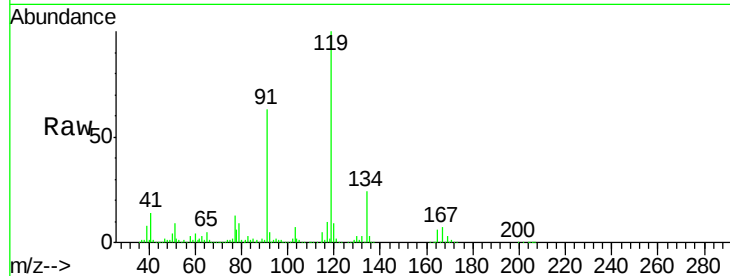
Tot Ion:119 Resp: 798517

Ion Ratio Lower Upper

119 100

91 60.7 30.6 91.8

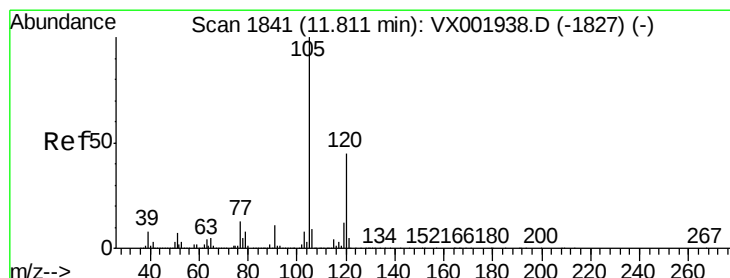
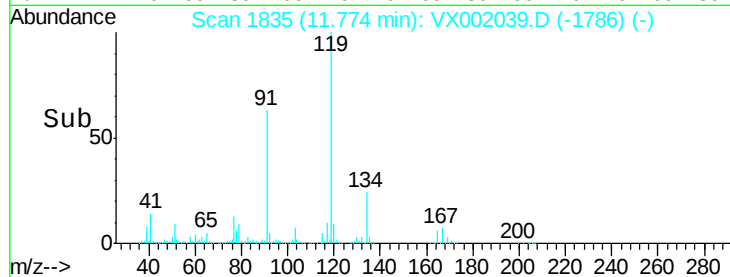
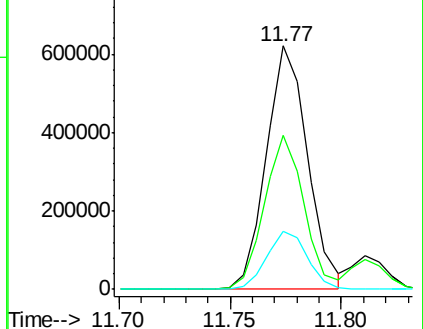
134 23.7 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.20 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002039.D

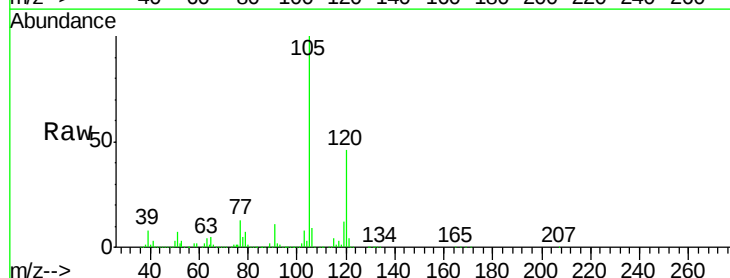
Acq: 27 May 2018 00:46

Tgt Ion:105 Resp: 842834

Ion Ratio Lower Upper

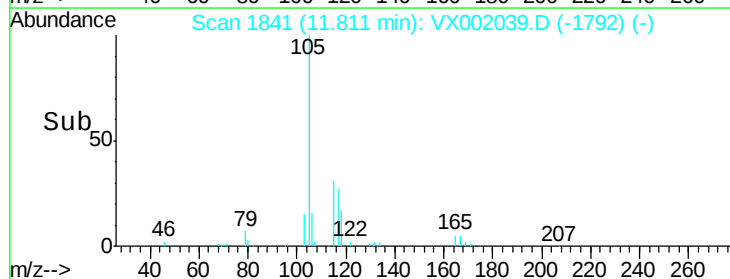
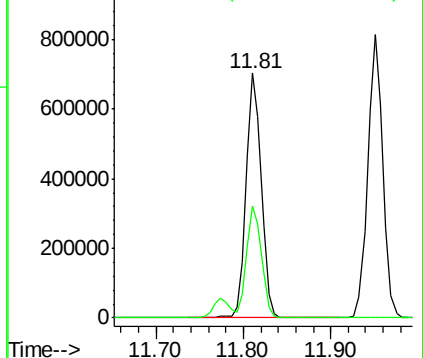
105 100

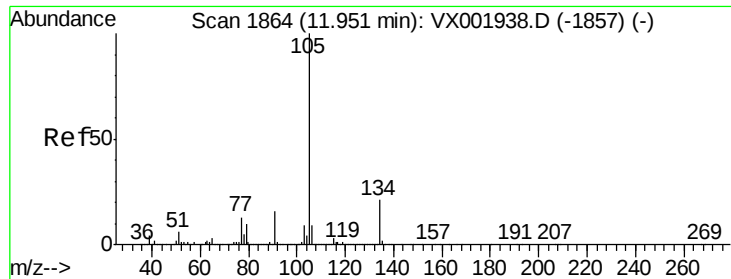
120 44.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.02 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

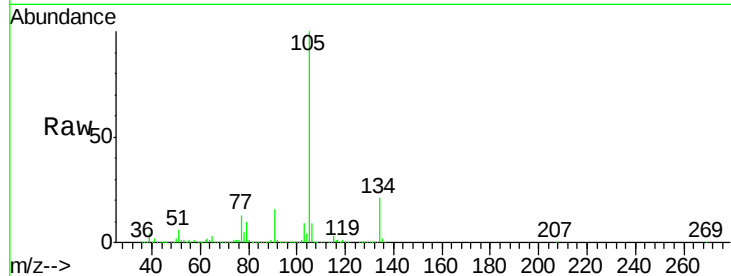
ClientSampleId :

Tot Ion:105 Resp: 979227

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

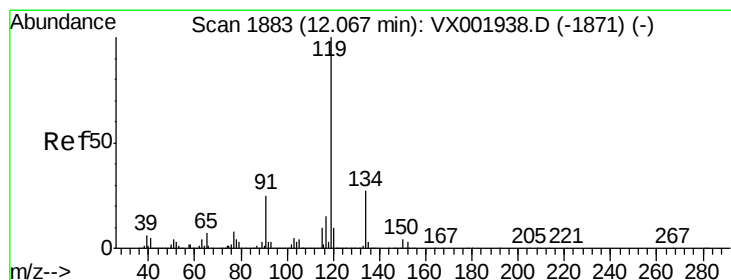
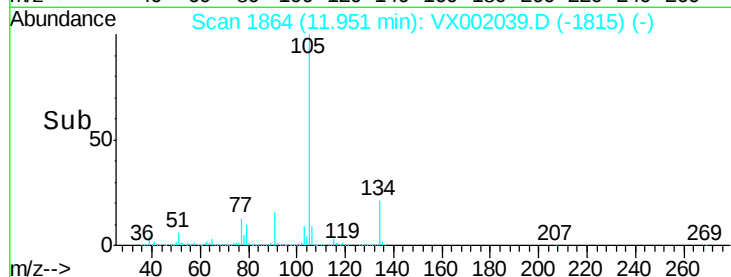
400000

200000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 46.78 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

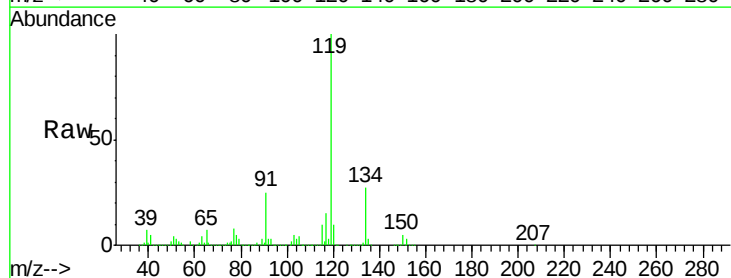
Tgt Ion:119 Resp: 871771

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.3 12.2 36.4



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

1000000

800000

600000

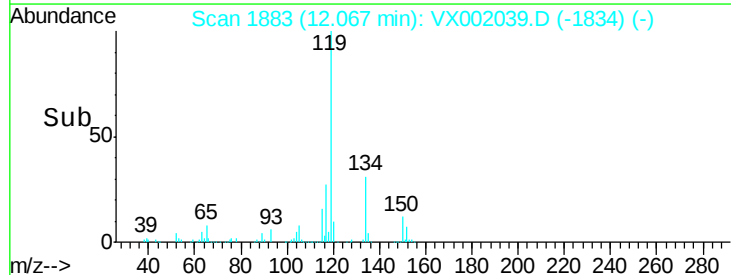
400000

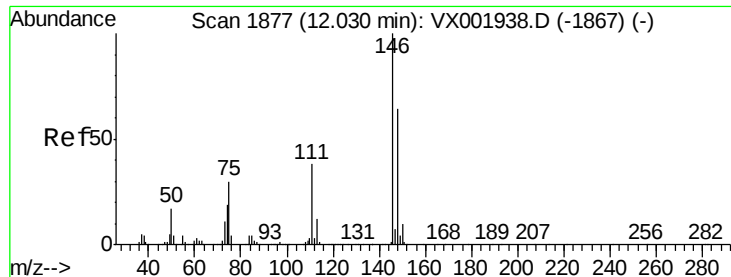
200000

0

12.00 12.10

Time-->

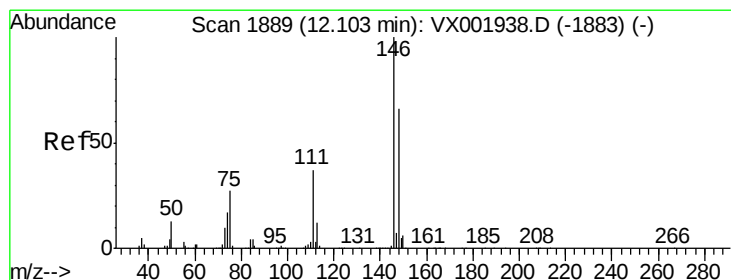
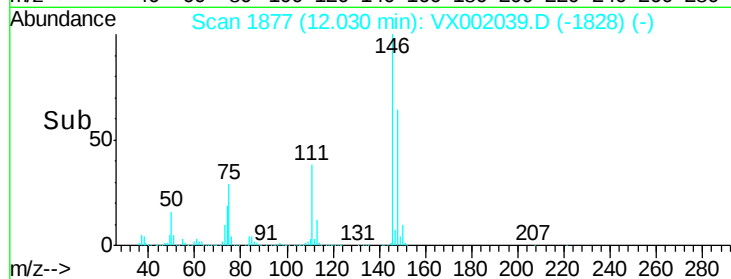
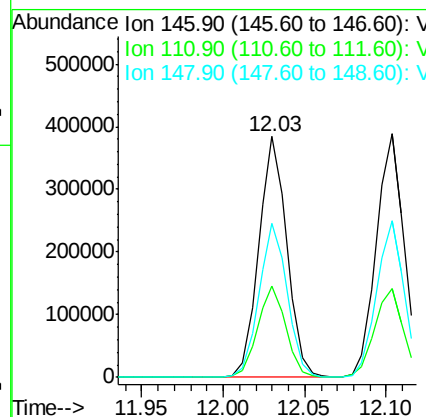
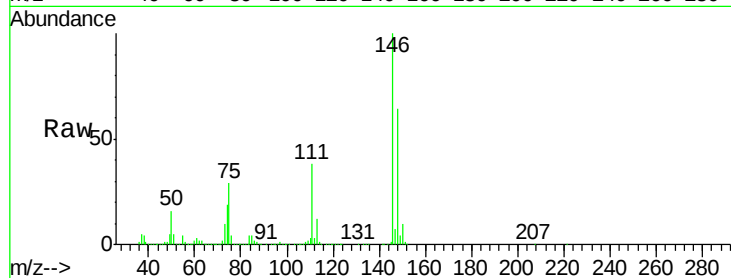




#87
 1,3-Dichlorobenzene
 Concen: 46.89 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002039.D
 Acq: 27 May 2018 00:46

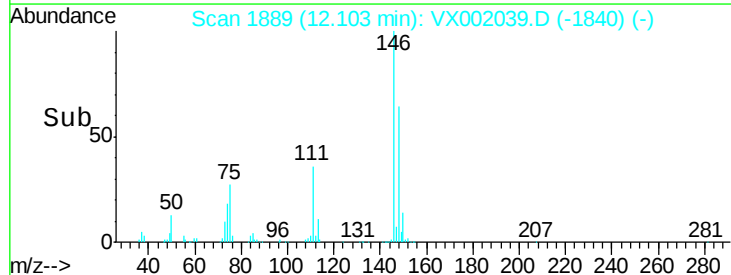
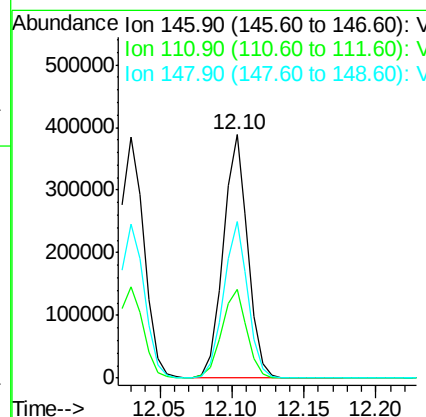
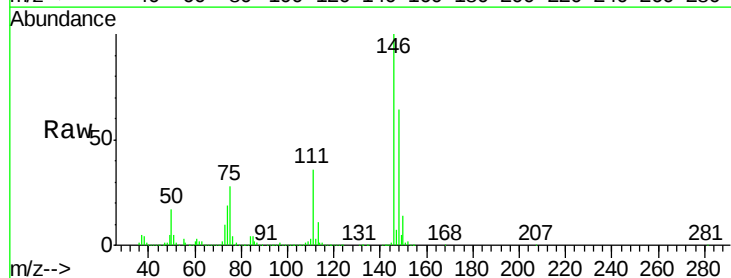
Instrument :
 MSVOA_X
 ClientSampled :

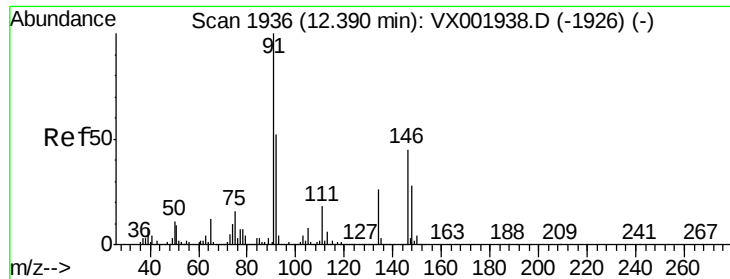
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.23 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002039.D
 Acq: 27 May 2018 00:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.5
148	63.7	32.3	96.8





#89

n-Butylbenzene

Concen: 46.69 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

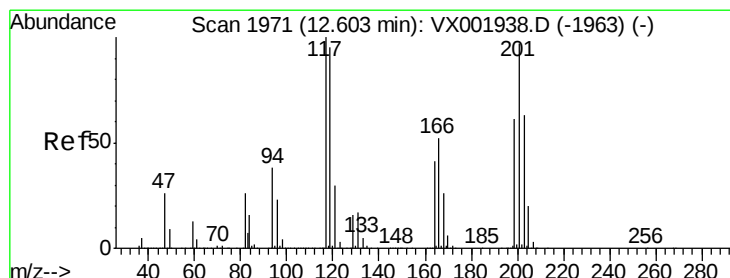
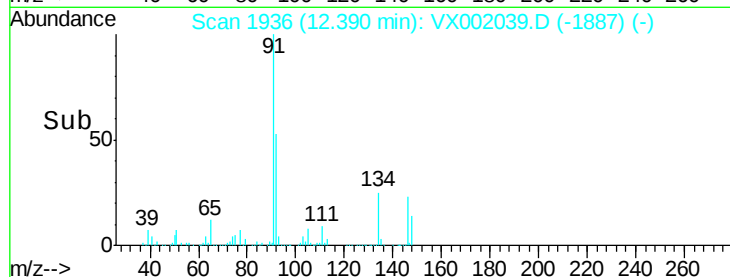
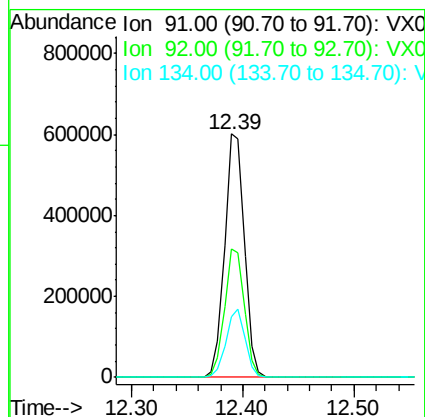
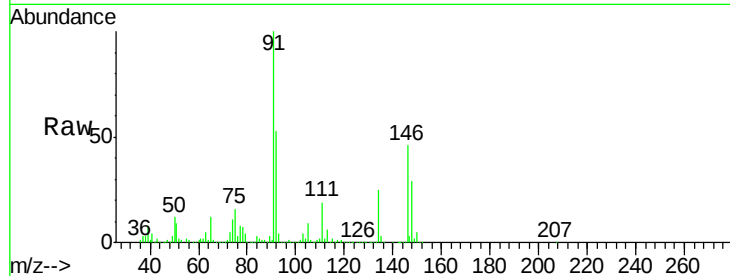
Tot Ion: 91 Resp: 737267

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 27.0 13.6 40.7



#90

Hexachloroethane

Concen: 42.87 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002039.D

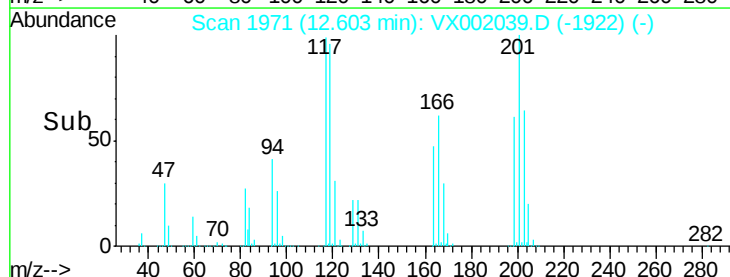
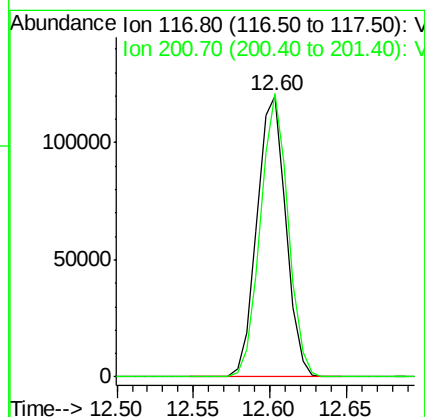
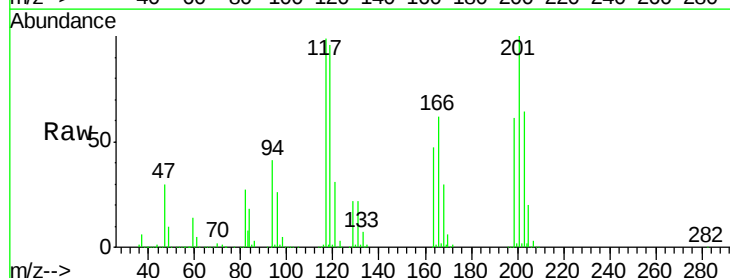
Acq: 27 May 2018 00:46

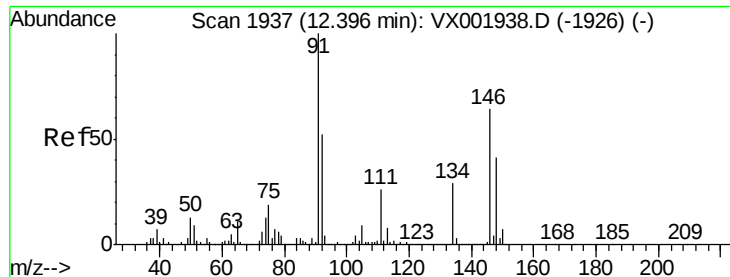
Tgt Ion: 117 Resp: 157575

Ion Ratio Lower Upper

117 100

201 96.9 48.0 144.0





#91

1,2-Dichlorobenzene

Concen: 47.67 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

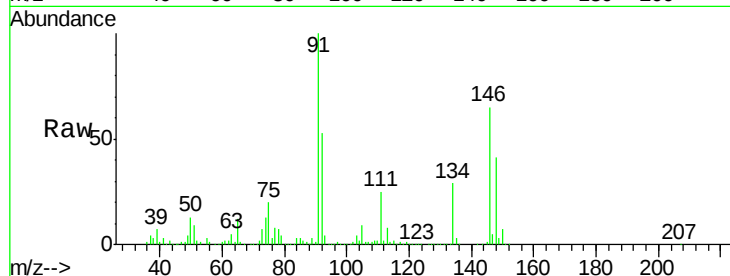
Tot Ion:146 Resp: 476767

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

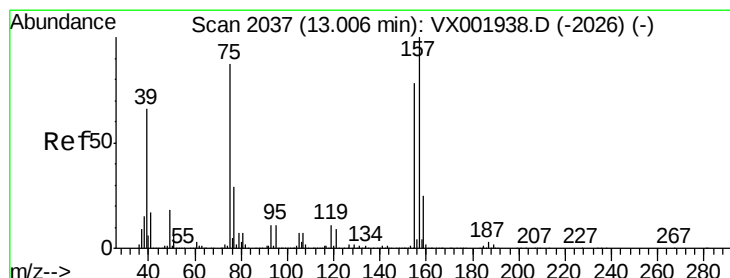
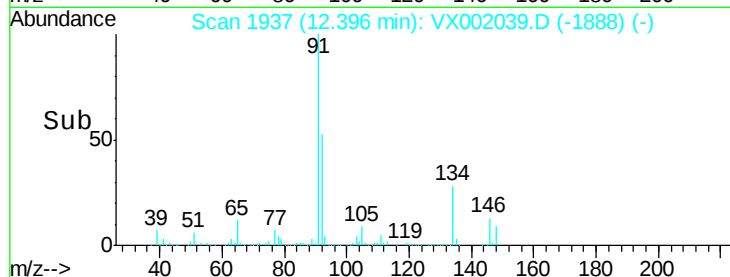
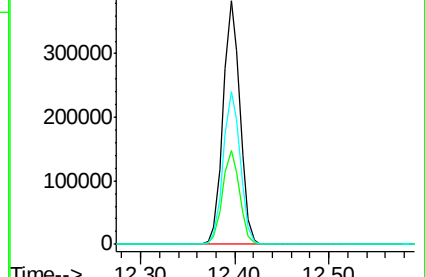
148 63.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.12 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

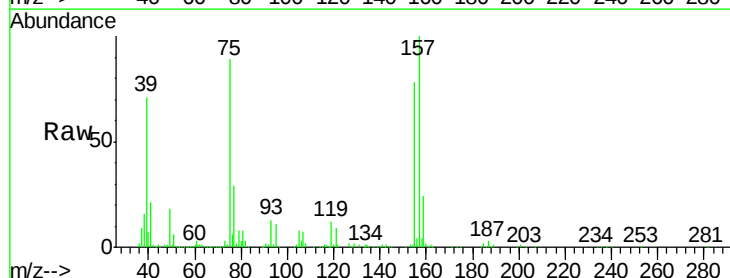
Tgt Ion: 75 Resp: 77357

Ion Ratio Lower Upper

75 100

155 89.1 45.1 135.2

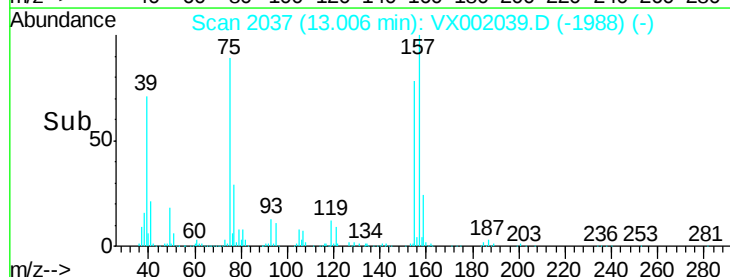
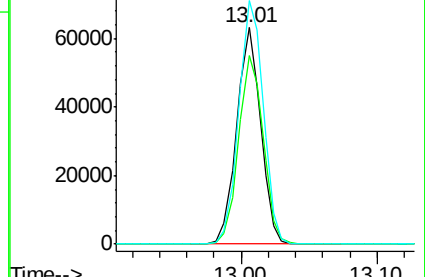
157 115.1 58.1 174.2

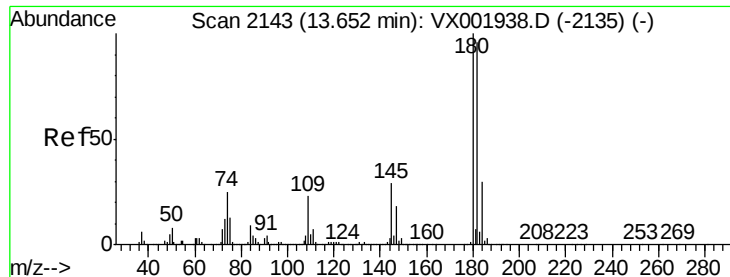


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

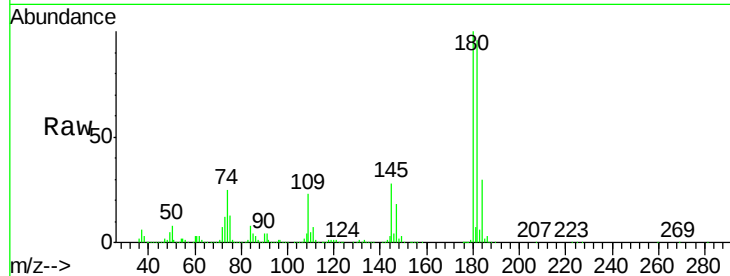




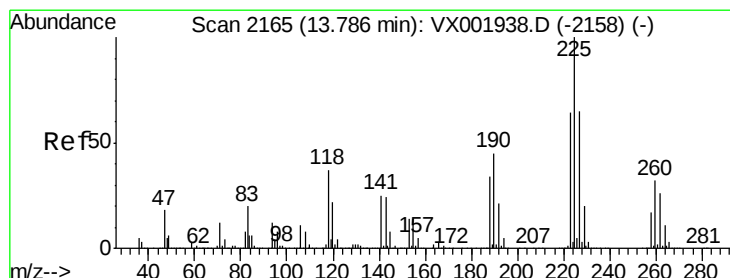
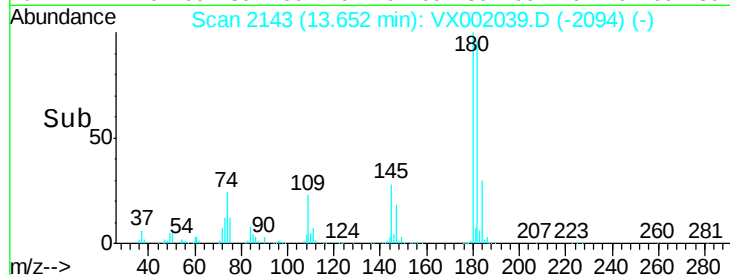
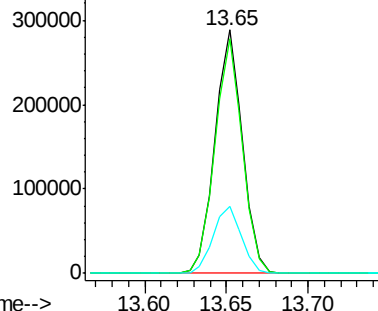
#93
 1,2,4-Trichlorobenzene
 Concen: 47.31 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002039.D
 Acq: 27 May 2018 00:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	28.6	14.4	43.0

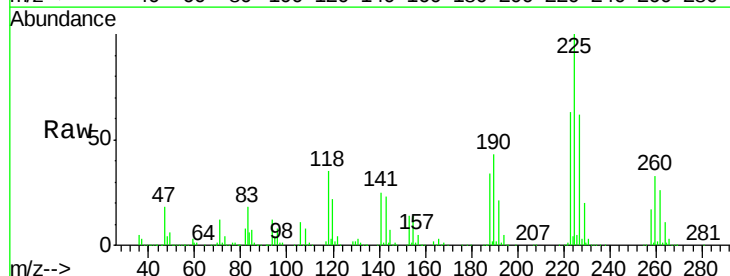


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

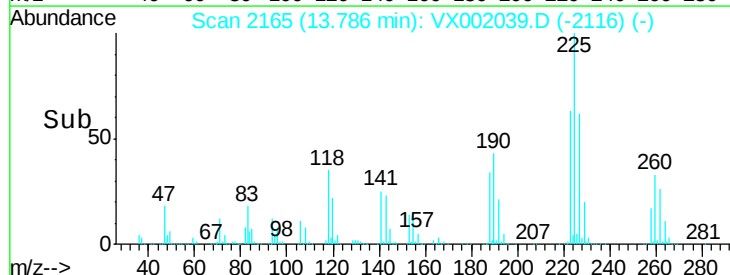
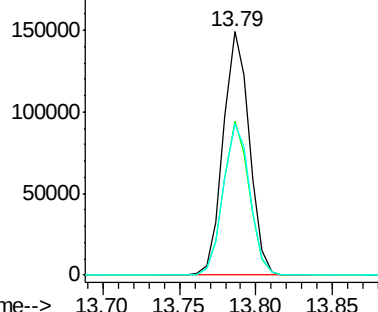


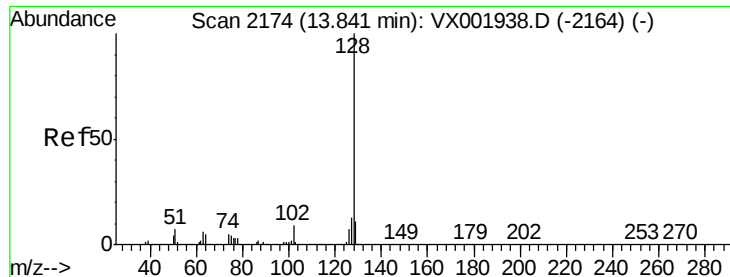
#94
 Hexachlorobutadiene
 Concen: 45.99 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002039.D
 Acq: 27 May 2018 00:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.5
227	63.2	32.1	96.5



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





#95

Naphthalene

Concen: 46.81 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

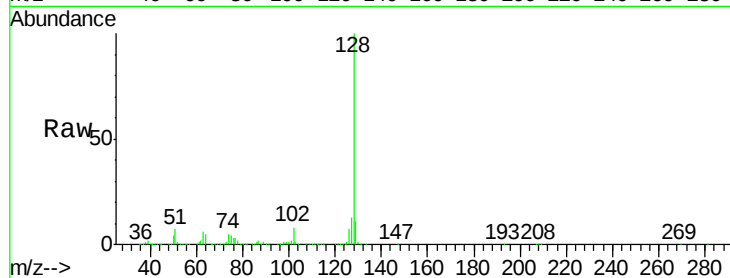
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1031315

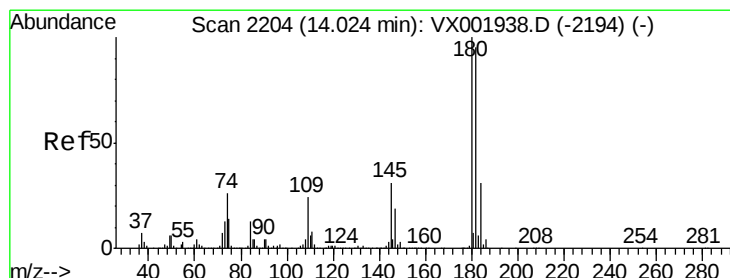
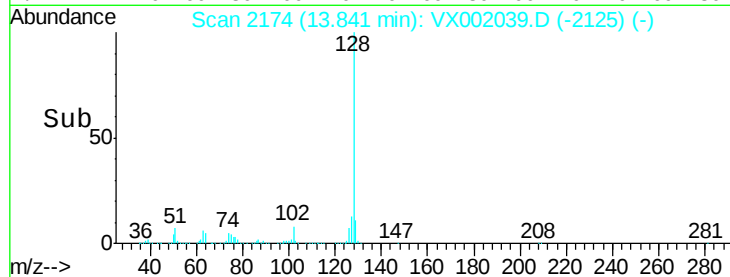
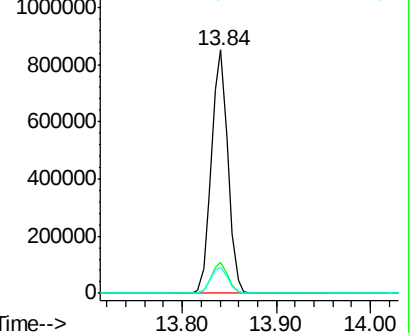
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.41 ug/l

RT: 14.02 min Scan# 2204

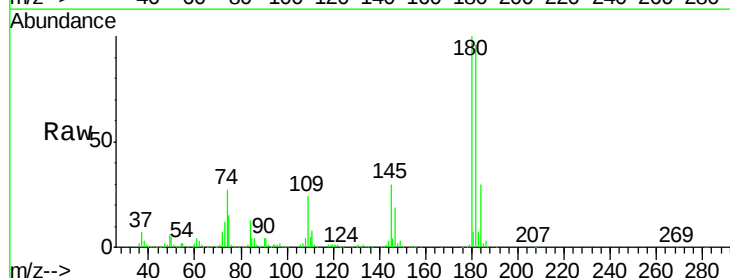
Delta R.T. -0.00 min

Lab File: VX002039.D

Acq: 27 May 2018 00:46

Tgt Ion:180 Resp: 350817

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	29.9	15.1	45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

