

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000778.D
 Acq On : 11 Apr 2018 15:05
 Operator : JC/MD
 Sample : VX0411WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 15:46:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164178	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	5.51	113	139297	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	8.72	98	507608	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.15	95	204111	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	60075	21.49	ug/l	98
3) Chloromethane	1.32	50	42770	17.84	ug/l	99
4) Vinyl Chloride	1.40	62	54852	20.34	ug/l	95
5) Bromomethane	1.64	94	11634	9.30	ug/l	100
6) Chloroethane	1.73	64	43529	26.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	86902	21.36	ug/l	98
8) Diethyl Ether	2.19	74	32280	21.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49687	20.72	ug/l	99
10) Methyl Iodide	2.51	142	10073	12.74	ug/l	97
11) Tert butyl alcohol	3.07	59	64214	115.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47487	20.89	ug/l	97
13) Acrolein	2.30	56	24084	89.45	ug/l	97
14) Allyl chloride	2.73	41	87992	20.93	ug/l	99
15) Acrylonitrile	3.15	53	132243	111.88	ug/l	100
16) Acetone	2.45	43	121980	113.27	ug/l	99
17) Carbon Disulfide	2.57	76	137272	19.94	ug/l	99
18) Methyl Acetate	2.78	43	63243	22.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	165625	21.88	ug/l	99
20) Methylene Chloride	2.86	84	53007	21.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	51128	20.40	ug/l	98
22) Diisopropyl ether	3.88	45	172034	22.27	ug/l	99
23) Vinyl Acetate	3.83	43	768246	113.28	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94749	21.86	ug/l	99
25) 2-Butanone	4.71	43	203004	114.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	87208	20.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61220	21.52	ug/l	99
28) Bromochloromethane	5.03	49	36774	21.07	ug/l	99
29) Tetrahydrofuran	5.18	42	126894	112.38	ug/l	100
30) Chloroform	5.23	83	99147	21.61	ug/l	98
31) Cyclohexane	5.59	56	84081	20.43	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93390	21.36	ug/l	100
36) 1,1-Dichloropropene	5.81	75	74606	19.61	ug/l	99
37) Ethyl Acetate	4.87	43	77512	20.87	ug/l	100
38) Carbon Tetrachloride	5.79	117	84644	19.88	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87456	19.14	ug/l	99
40) Benzene	6.15	78	216539	20.48	ug/l	100
41) Methacrylonitrile	5.07	41	45057	21.00	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81732	20.70	ug/l	99
43) Isopropyl Acetate	6.48	43	131702	20.68	ug/l	100
44) Trichloroethene	7.22	130	66939	20.36	ug/l	99
45) 1,2-Dichloropropane	7.53	63	55070	20.46	ug/l	97
46) Dibromomethane	7.67	93	37961	20.22	ug/l	99
47) Bromodichloromethane	7.91	83	77704	20.51	ug/l	98
48) Methyl methacrylate	7.79	41	68941	20.88	ug/l	99
49) 1,4-Dioxane	7.76	88	28208	425.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	401412	107.31	ug/l	100
52) Toluene	8.79	92	141672	20.20	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	90787	19.98	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	87504	19.78	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	56707	20.37	ug/l	98
56) Ethyl methacrylate	9.19	69	87221	20.31	ug/l	99
57) 1,3-Dichloropropane	9.38	76	92636	20.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	214667	106.97	ug/l	100
59) 2-Hexanone	9.51	43	307294	106.41	ug/l	100
60) Dibromochloromethane	9.59	129	66350	19.91	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61802	20.92	ug/l	98
64) Tetrachloroethene	9.34	164	64491	20.13	ug/l	97
65) Chlorobenzene	10.15	112	165270	20.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62061	20.00	ug/l	100
67) Ethyl Benzene	10.26	91	277401	20.18	ug/l	100
68) m/p-Xylenes	10.37	106	216849	39.98	ug/l	99
69) o-Xylene	10.71	106	106606	20.39	ug/l	99
70) Styrene	10.72	104	176885	20.07	ug/l	100
71) Bromoform	10.87	173	55810	19.43	ug/l #	99
73) Isopropylbenzene	11.02	105	284602	20.55	ug/l	100
74) N-amyl acetate	6.48	43	131702	21.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83680	20.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	97385	25.86	ug/l	86
77) Bromobenzene	11.26	156	82431	20.31	ug/l	99
78) n-propylbenzene	11.37	91	321355	20.28	ug/l	100
79) 2-Chlorotoluene	11.43	91	191085	20.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242733	20.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24202	17.68	ug/l	95
82) 4-Chlorotoluene	11.52	91	228721	20.23	ug/l	99
83) tert-Butylbenzene	11.78	119	252580	20.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249871	20.32	ug/l	100
85) sec-Butylbenzene	11.95	105	292272	20.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	269922	20.13	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151972	20.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153020	19.87	ug/l	99
89) n-Butylbenzene	12.40	91	234161	19.79	ug/l	100
90) Hexachloroethane	12.60	117	41976	18.50	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147918	20.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20312	20.17	ug/l	97

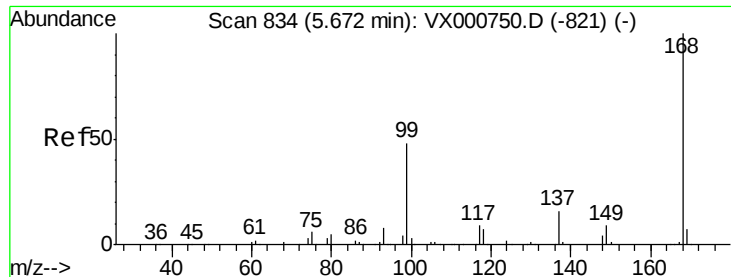
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123355	19.93	ug/l	99
94) Hexachlorobutadiene	13.79	225	60224	19.79	ug/l	98
95) Naphthalene	13.84	128	333577	21.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	122501	20.38	ug/l	99

(#) = 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: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

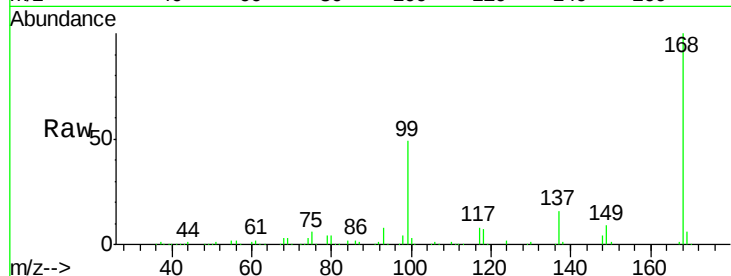
ClientSampleId :

Tot Ion:168 Resp: 247665

Ion Ratio Lower Upper

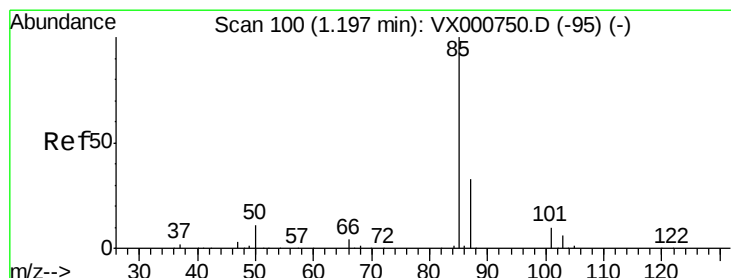
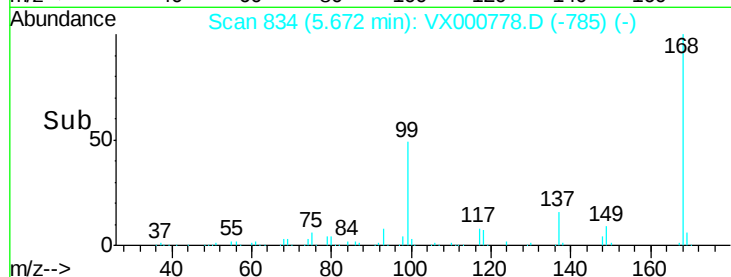
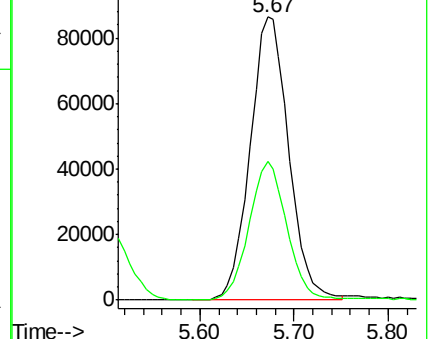
168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000778.D

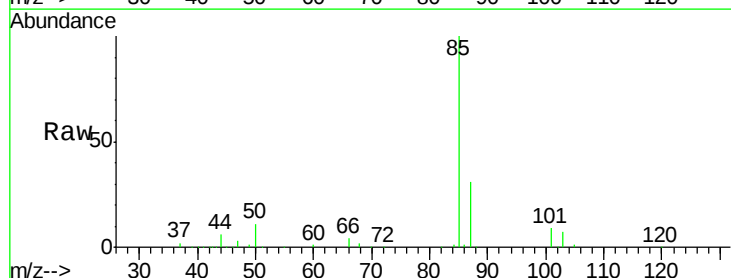
Acq: 11 Apr 2018 15:05

Tgt Ion: 85 Resp: 60075

Ion Ratio Lower Upper

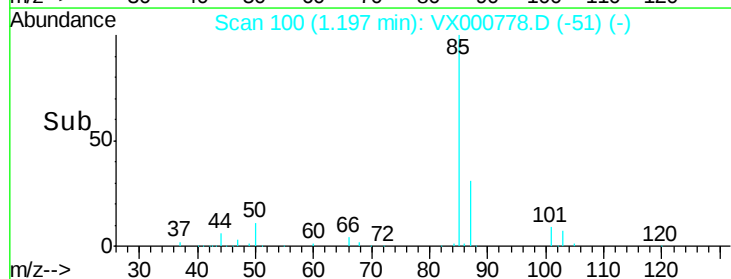
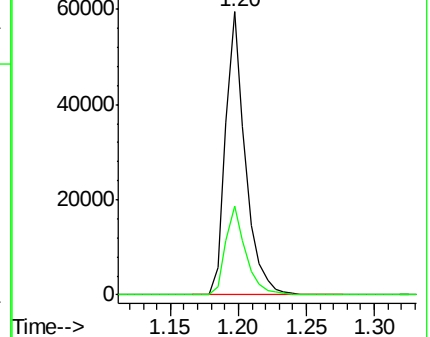
85 100

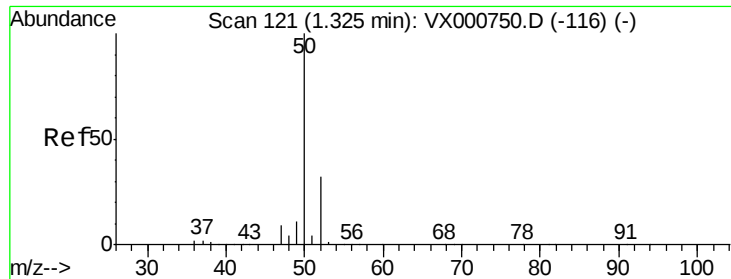
87 31.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.84 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

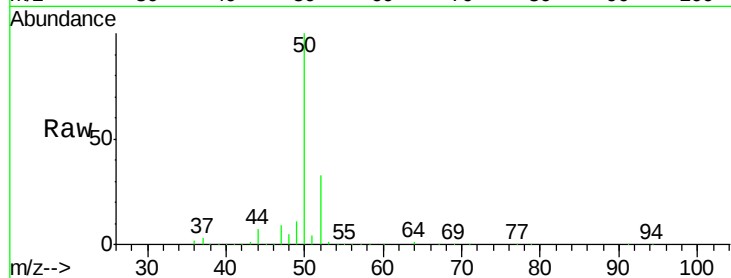
ClientSampleId :

Tot Ion: 50 Resp: 42770

Ion Ratio Lower Upper

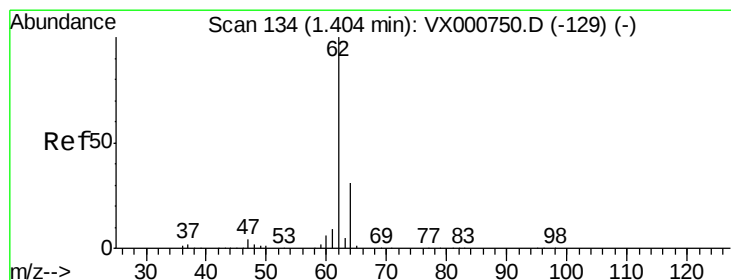
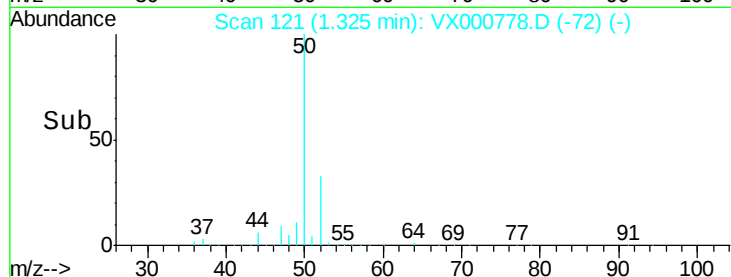
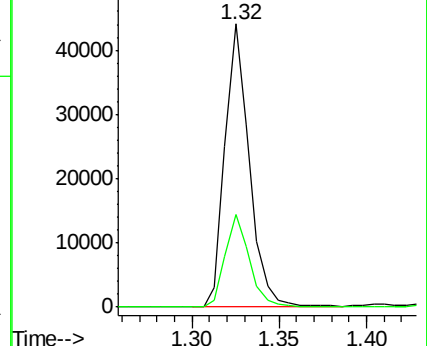
50 100

52 32.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000778.D

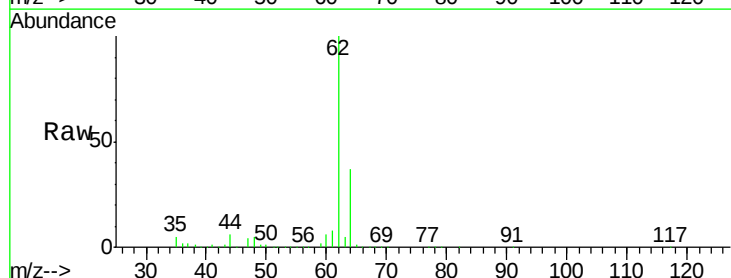
Acq: 11 Apr 2018 15:05

Tgt Ion: 62 Resp: 54852

Ion Ratio Lower Upper

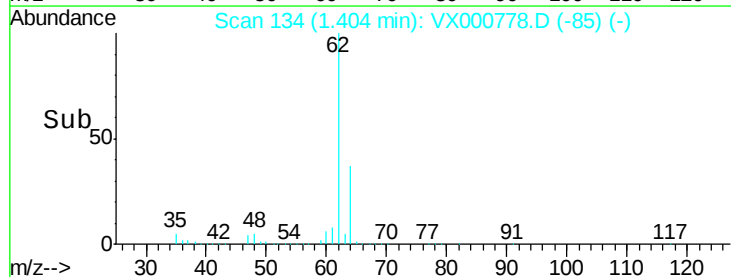
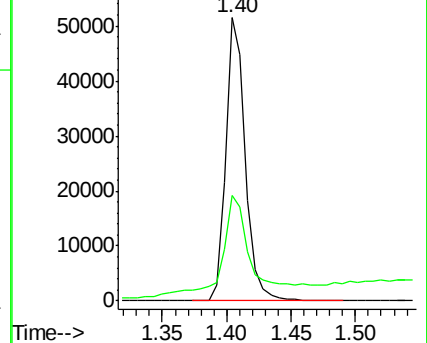
62 100

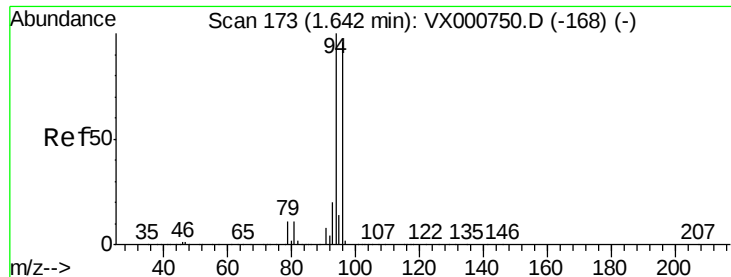
64 33.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 9.30 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

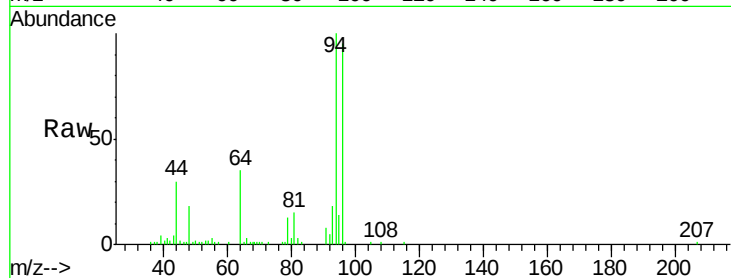
ClientSampled :

Tot Ion: 94 Resp: 11634

Ion Ratio Lower Upper

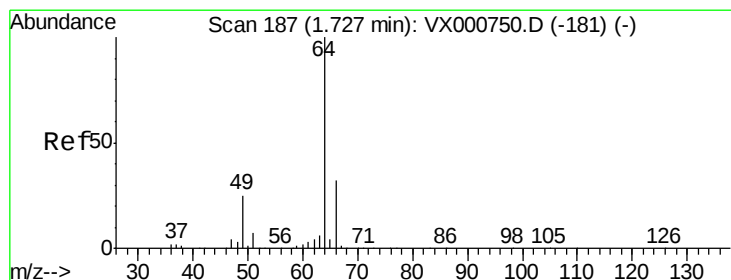
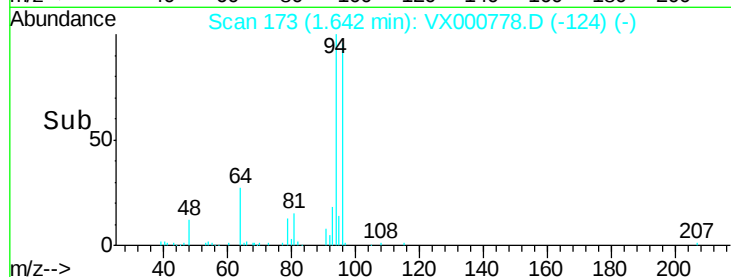
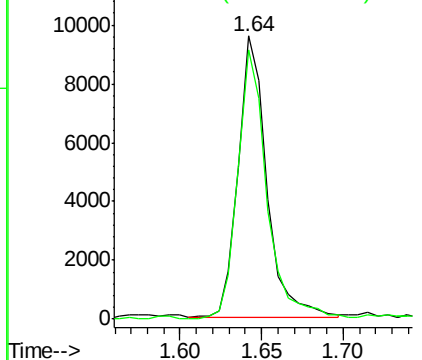
94 100

96 95.8 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 26.64 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000778.D

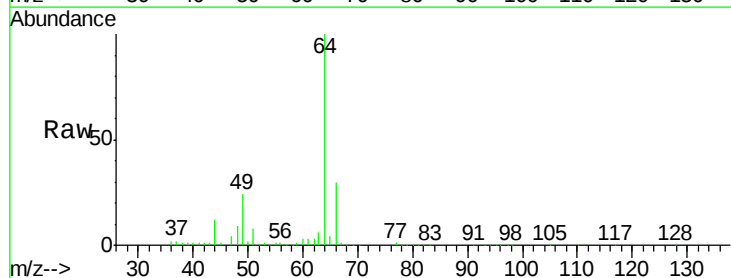
Acq: 11 Apr 2018 15:05

Tgt Ion: 64 Resp: 43529

Ion Ratio Lower Upper

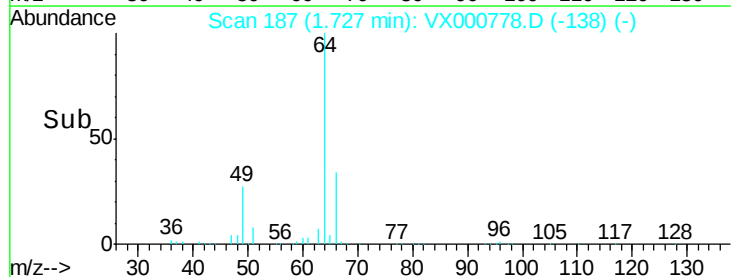
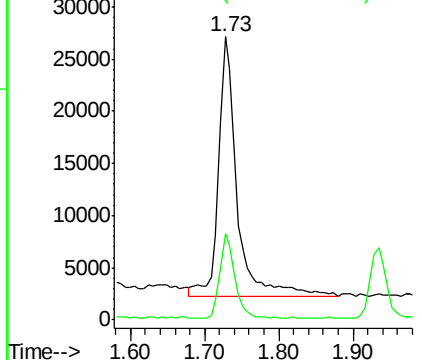
64 100

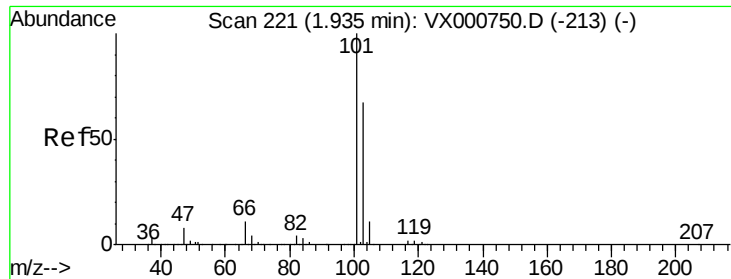
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



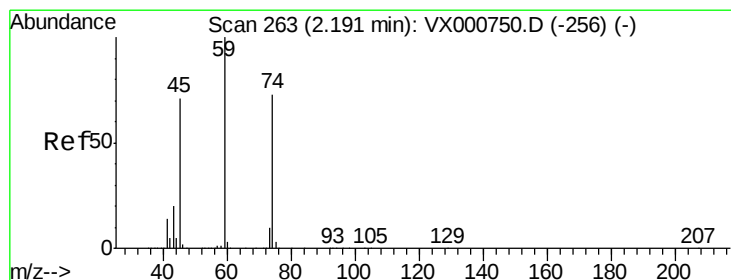
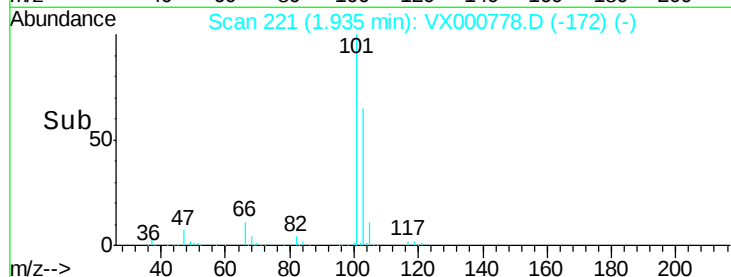
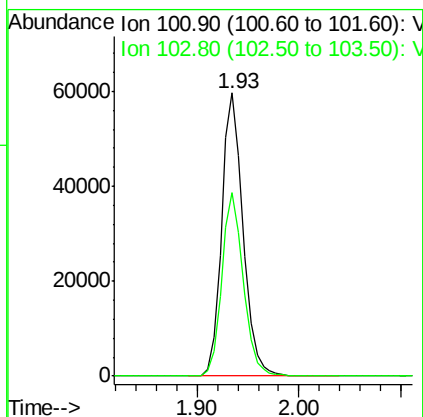
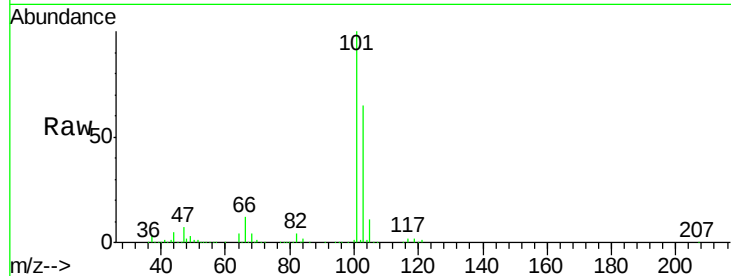


#7

Trichlorofluoromethane
 Concen: 21.36 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :

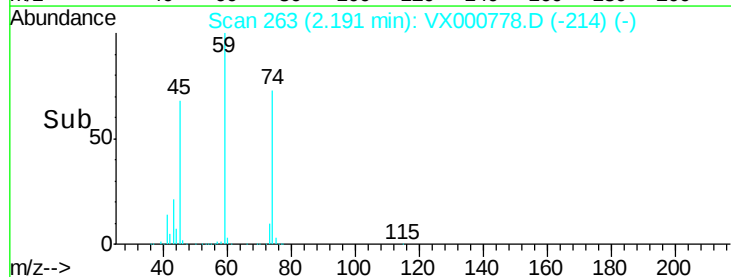
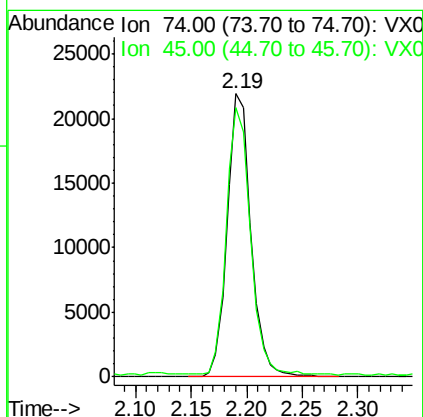
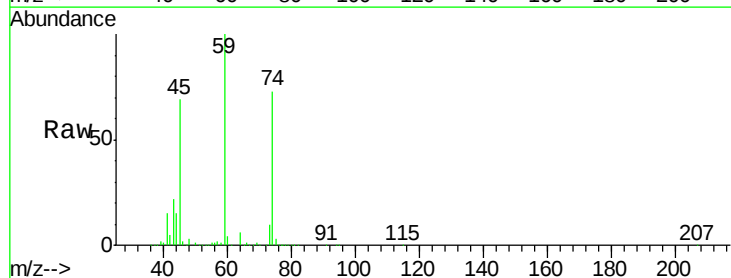
Tot Ion:101 Resp: 86902
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.2 79.8

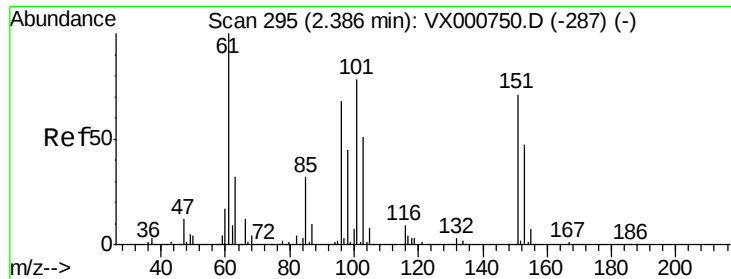


#8

Diethyl Ether
 Concen: 21.24 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion: 74 Resp: 32280
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.72 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

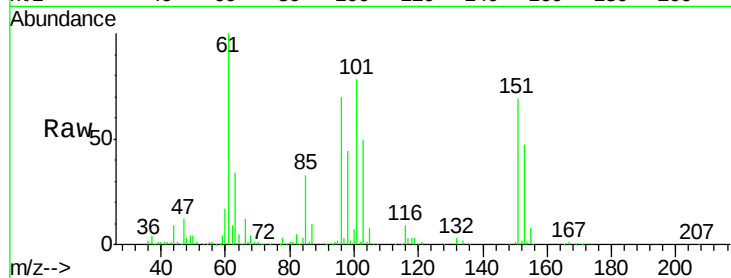
Tot Ion:101 Resp: 49687

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

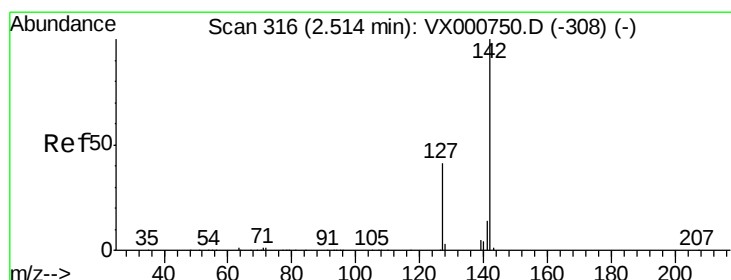
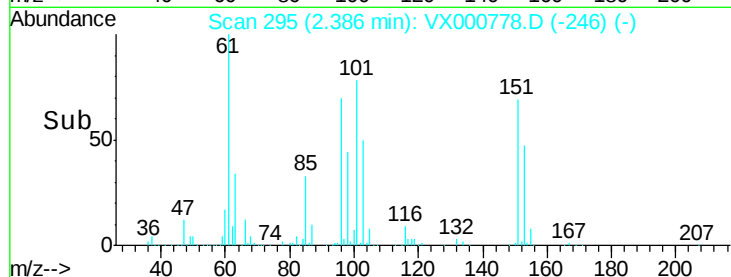
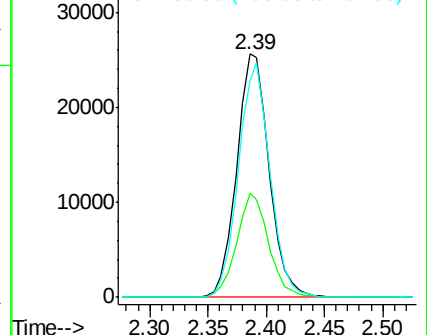
151 93.7 75.8 113.8



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: 12.74 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

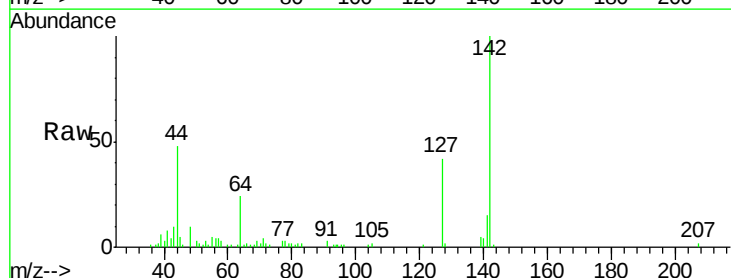
Tgt Ion:142 Resp: 10073

Ion Ratio Lower Upper

142 100

127 42.6 32.6 49.0

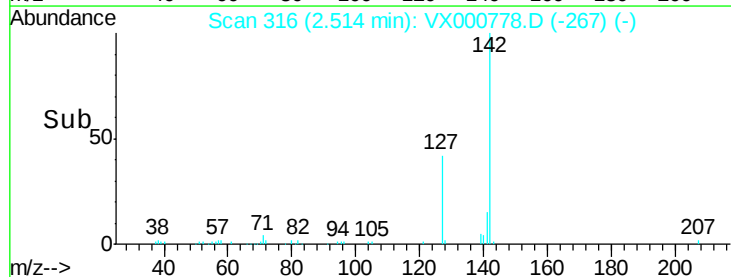
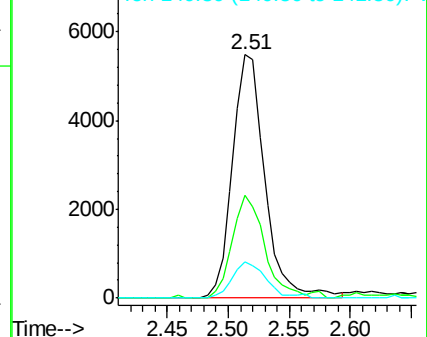
141 15.6 11.5 17.3

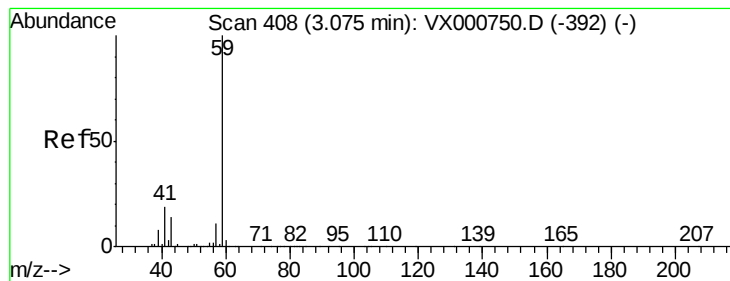


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



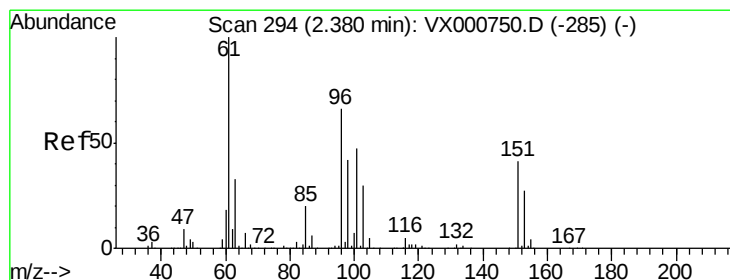
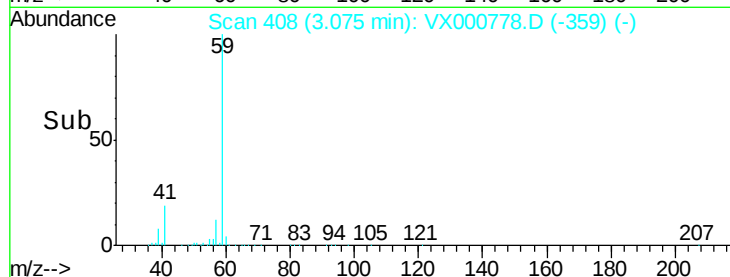
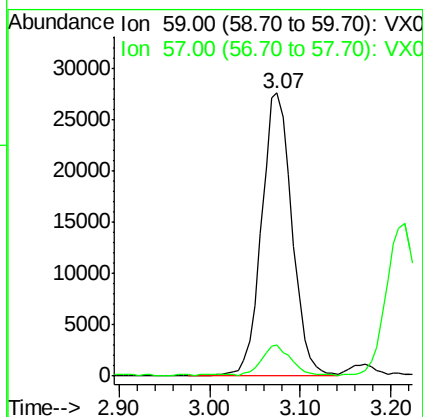
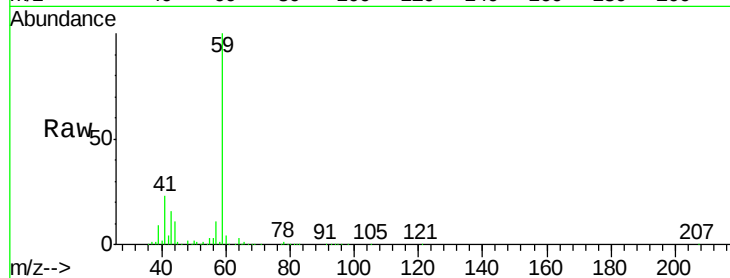


#11

Tert butyl alcohol
 Concen: 115.82 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampled :

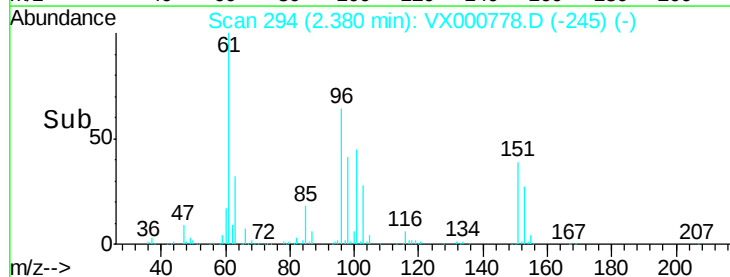
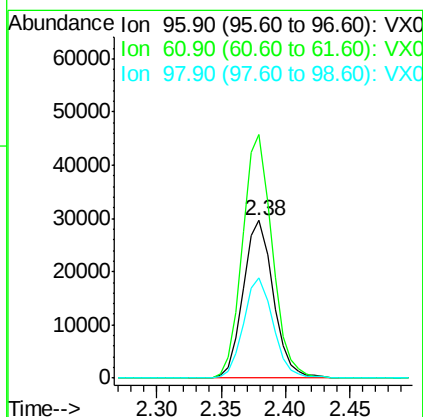
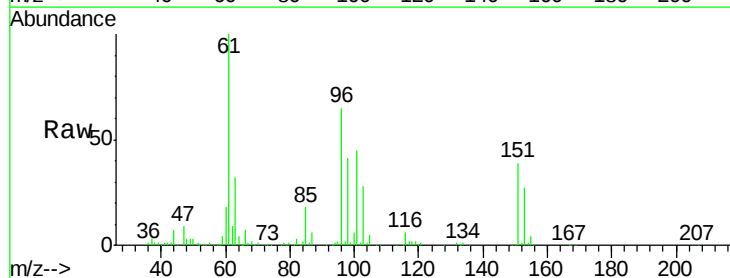
Tot Ion: 59 Resp: 64214
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

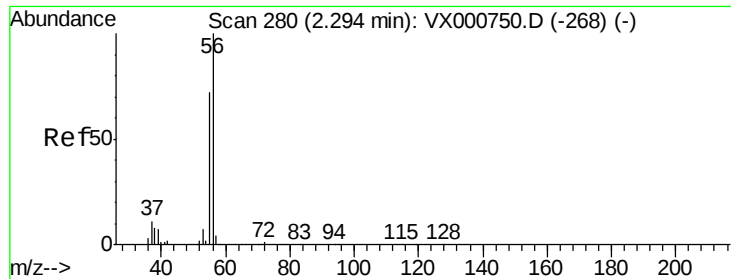


#12

1,1-Dichloroethene
 Concen: 20.89 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion: 96 Resp: 47487
 Ion Ratio Lower Upper
 96 100
 61 155.0 120.5 180.7
 98 63.1 50.9 76.3





#13

Acrolein

Concen: 89.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

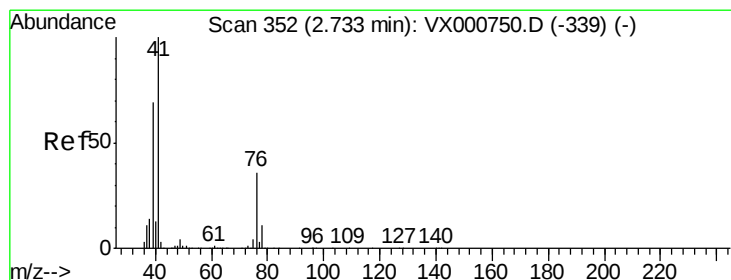
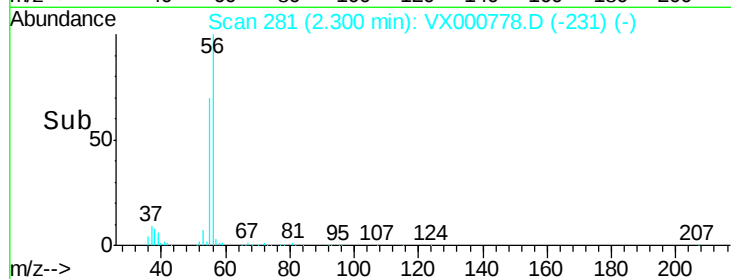
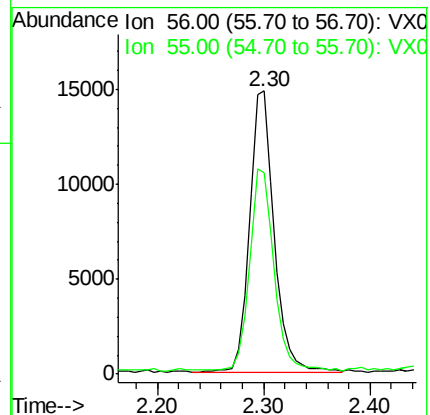
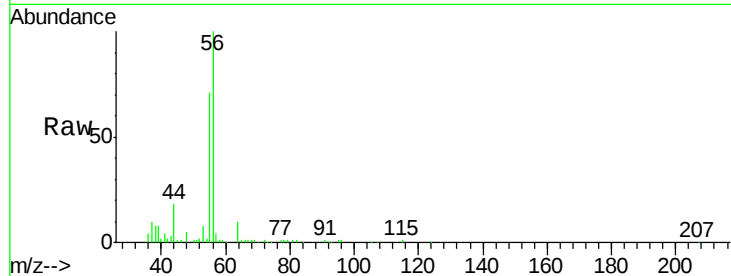
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 24084

Ion Ratio Lower Upper

56 100

55 70.6 58.7 88.1



#14

Allyl chloride

Concen: 20.93 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

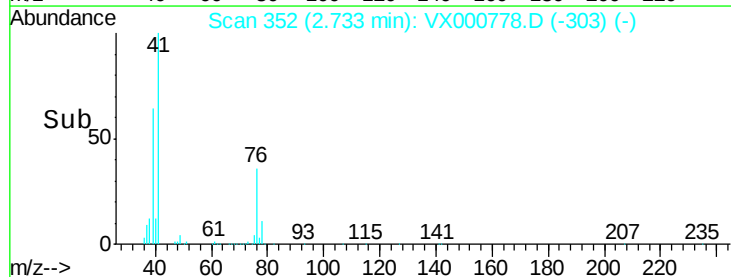
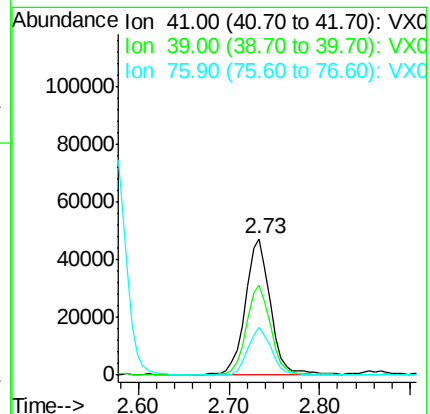
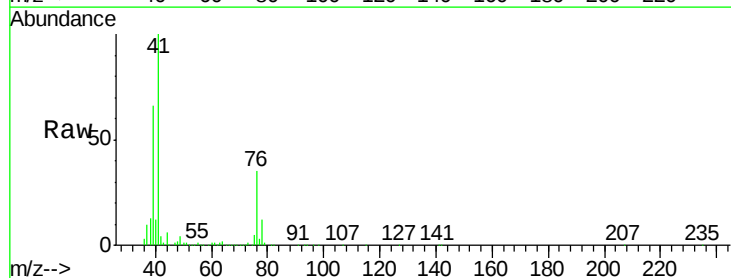
Tgt Ion: 41 Resp: 87992

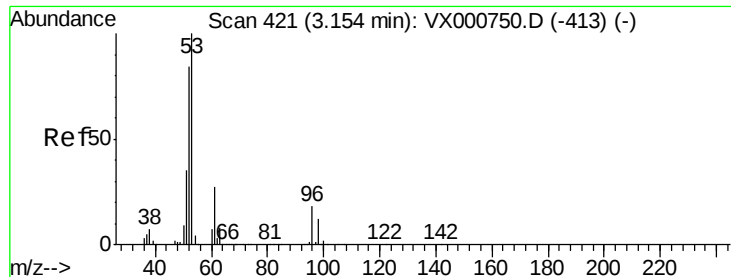
Ion Ratio Lower Upper

41 100

39 63.9 51.5 77.3

76 32.5 26.5 39.7





#15

Acrylonitrile

Concen: 111.88 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

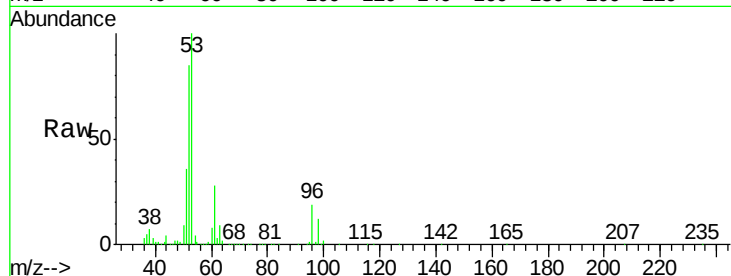
Tot Ion: 53 Resp: 132243

Ion Ratio Lower Upper

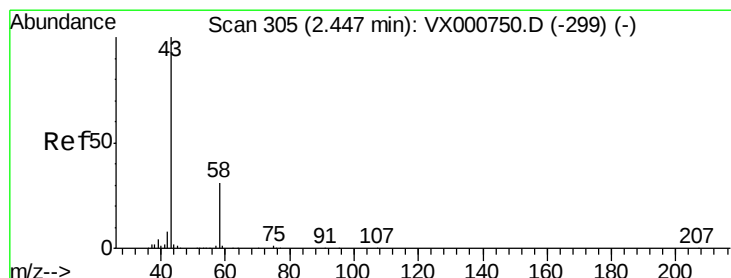
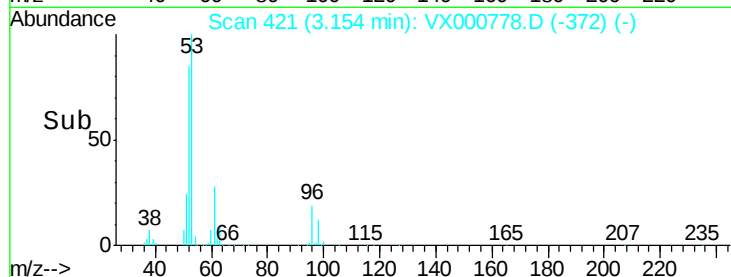
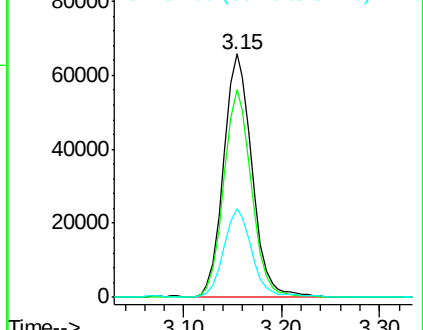
53 100

52 83.0 66.5 99.7

51 35.9 28.8 43.2



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: 113.27 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000778.D

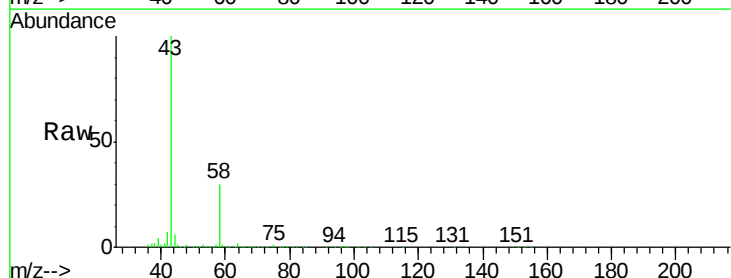
Acq: 11 Apr 2018 15:05

Tgt Ion: 43 Resp: 121980

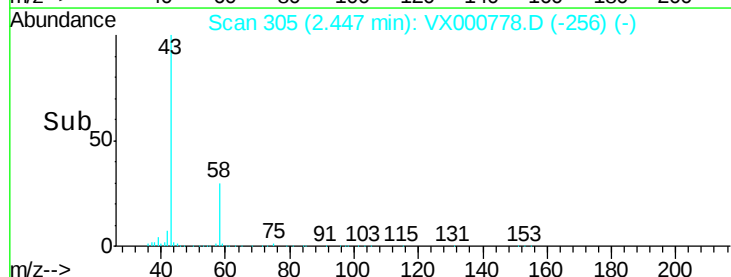
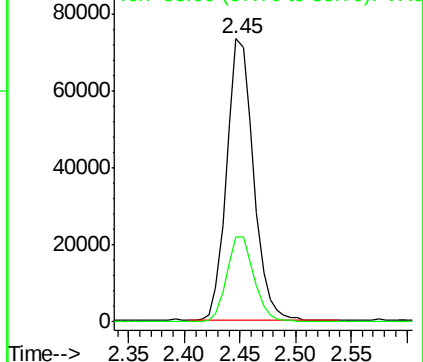
Ion Ratio Lower Upper

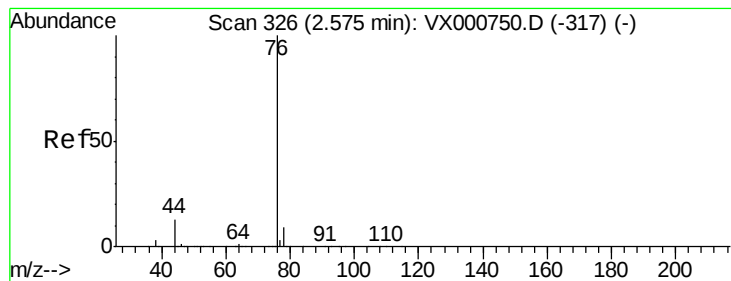
43 100

58 30.0 24.6 37.0



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





#17

Carbon Disulfide

Concen: 19.94 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

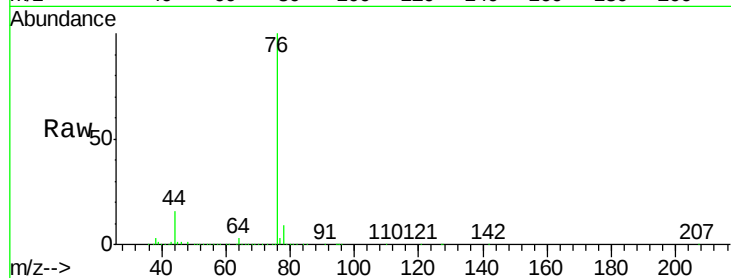
ClientSampleId :

Tot Ion: 76 Resp: 137272

Ion Ratio Lower Upper

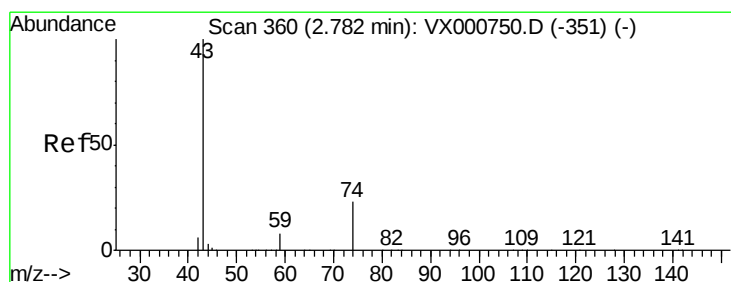
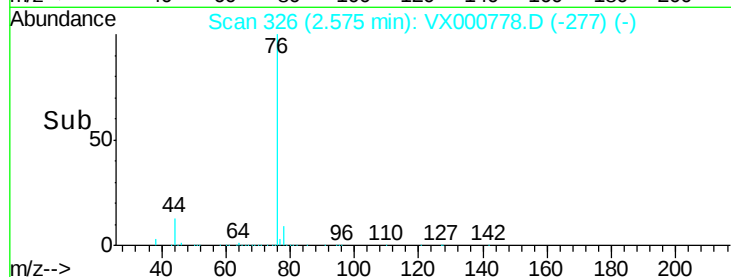
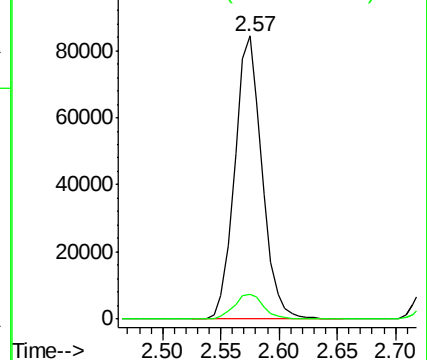
76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.69 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000778.D

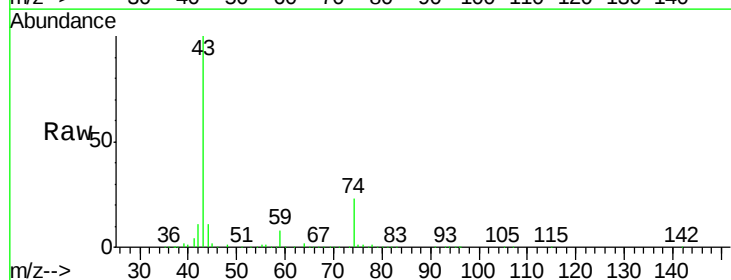
Acq: 11 Apr 2018 15:05

Tgt Ion: 43 Resp: 63243

Ion Ratio Lower Upper

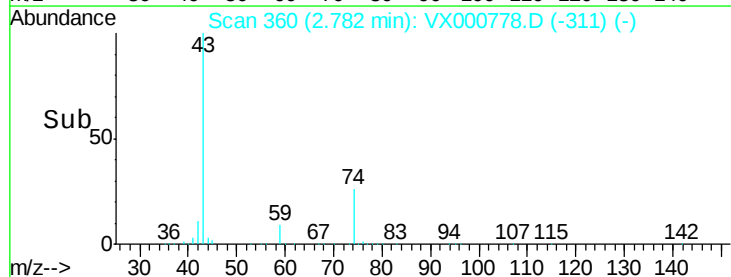
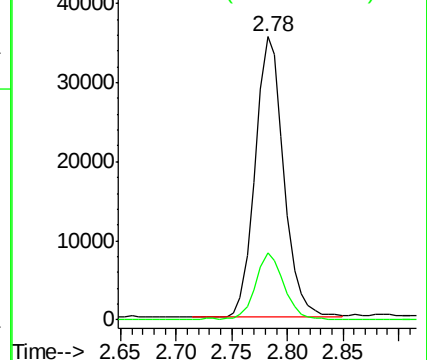
43 100

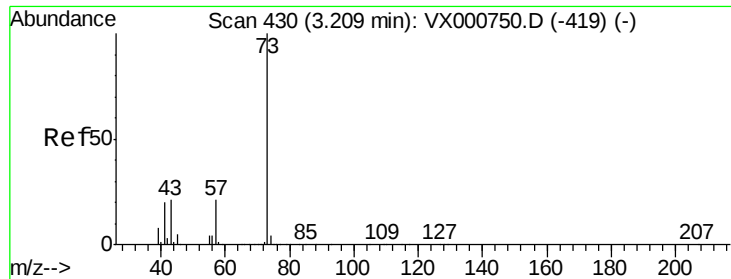
74 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

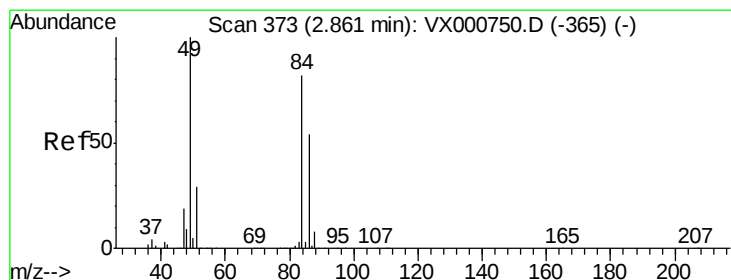
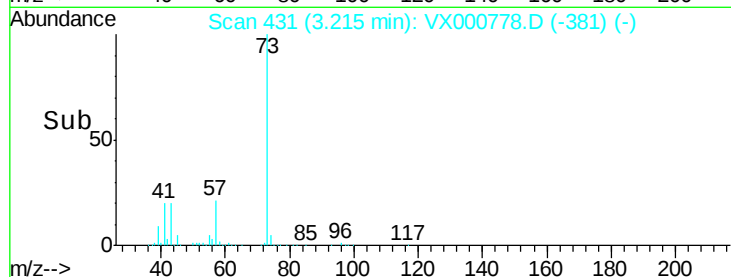
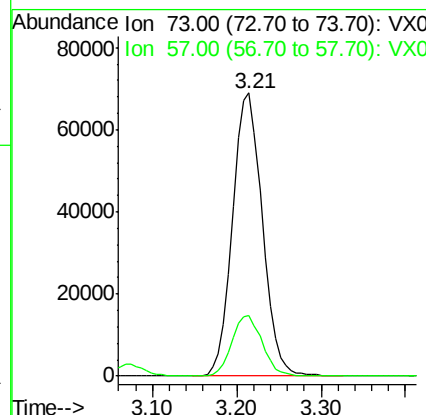
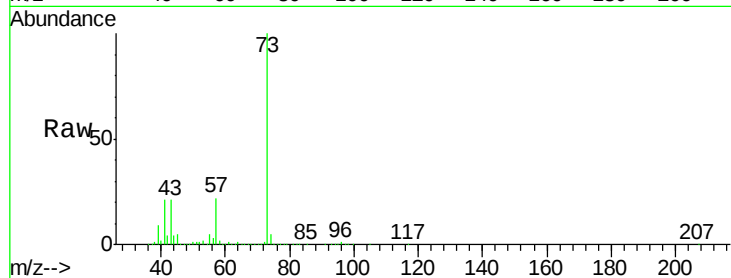




#19
Methyl tert-butyl Ether
Concen: 21.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

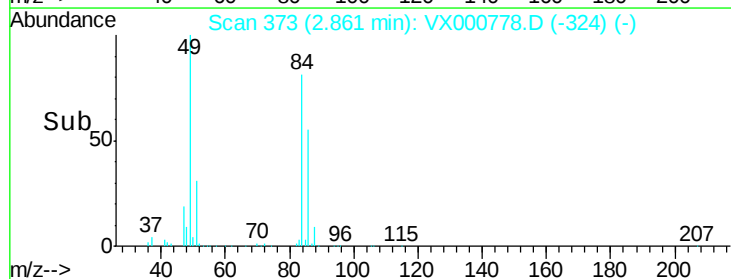
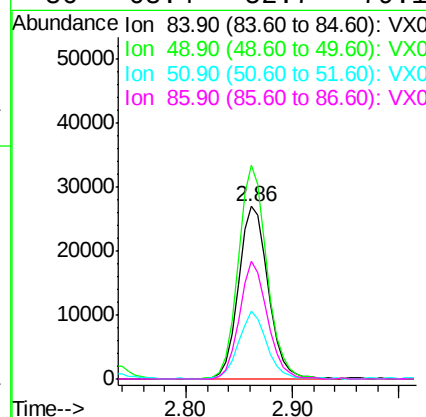
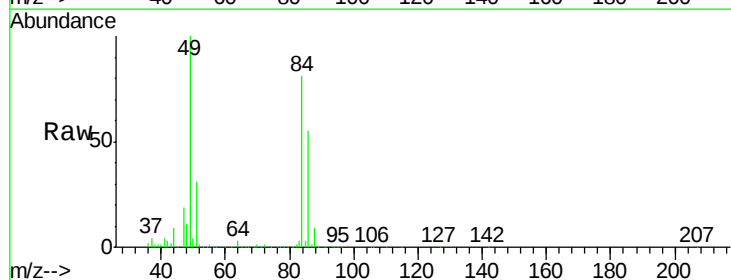
Instrument :
MSVOA_X
ClientSampleId :

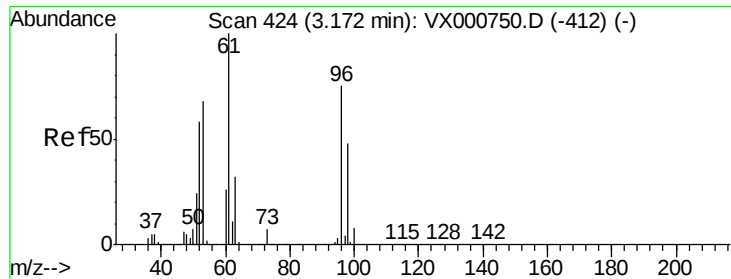
Tot Ion: 73 Resp: 165625
Ion Ratio Lower Upper
73 100
57 21.4 16.9 25.3



#20
Methylene Chloride
Concen: 21.16 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 84 Resp: 53007
Ion Ratio Lower Upper
84 100
49 123.8 98.1 147.1
51 38.8 28.9 43.3
86 68.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.40 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :

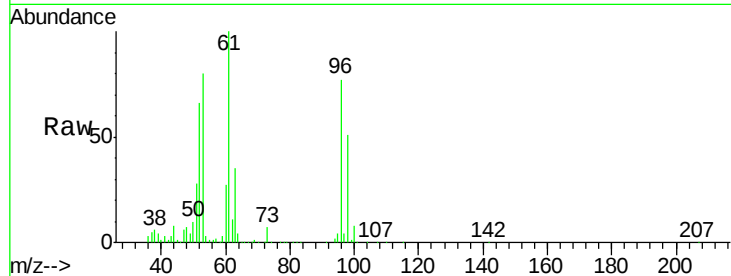
Tot Ion: 96 Resp: 51128

Ion Ratio Lower Upper

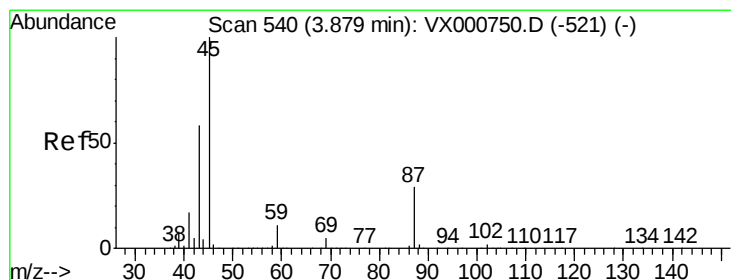
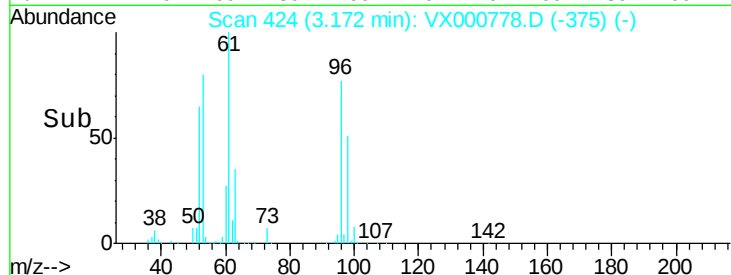
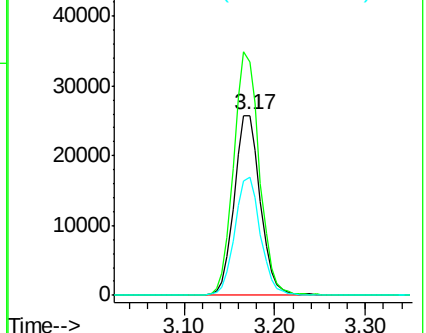
96 100

61 130.5 106.2 159.2

98 66.2 51.2 76.8



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



#22

Diisopropyl ether

Concen: 22.27 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion: 45 Resp: 172034

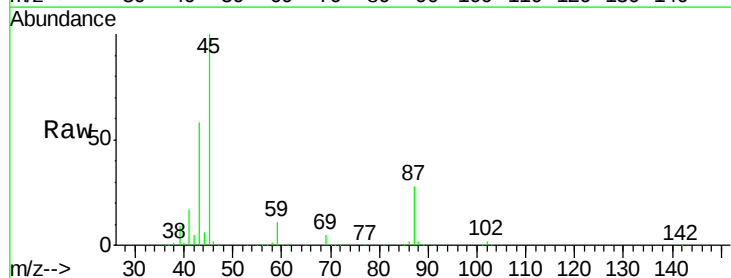
Ion Ratio Lower Upper

45 100

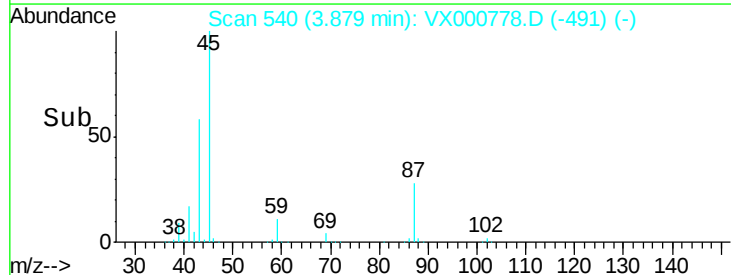
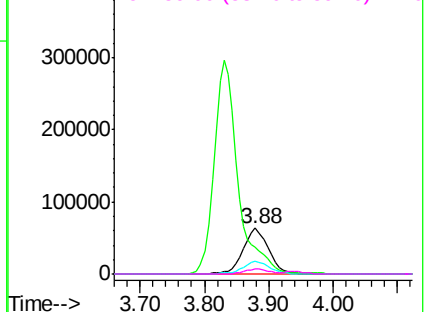
43 57.5 46.6 69.8

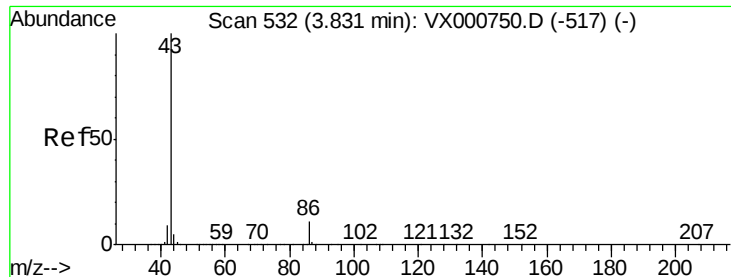
87 28.0 22.9 34.3

59 10.7 9.2 13.8



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





#23

Vinyl Acetate

Concen: 113.28 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

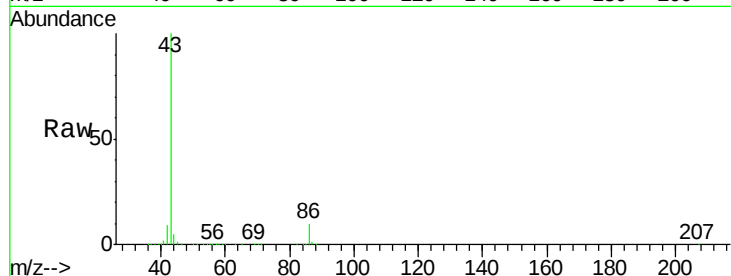
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 768246

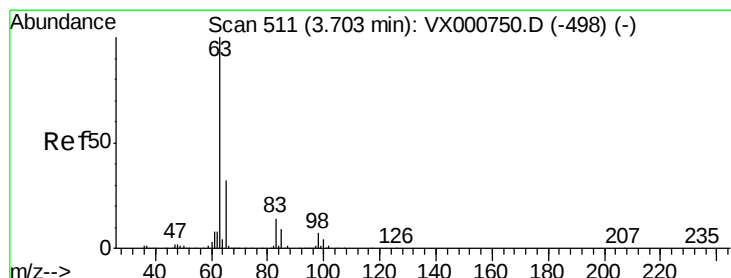
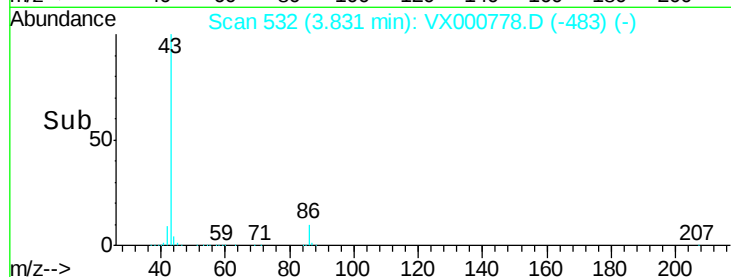
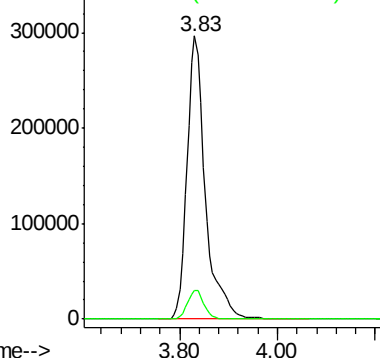
Ion Ratio Lower Upper

43 100

86 9.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

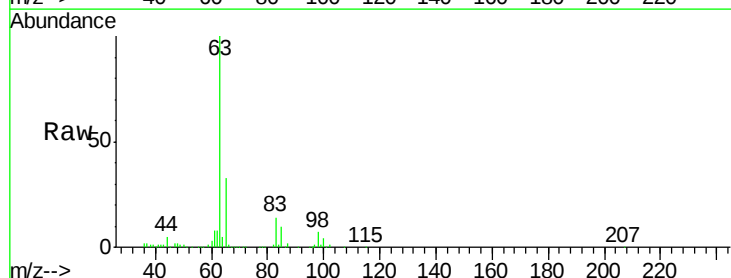
Tgt Ion: 63 Resp: 94749

Ion Ratio Lower Upper

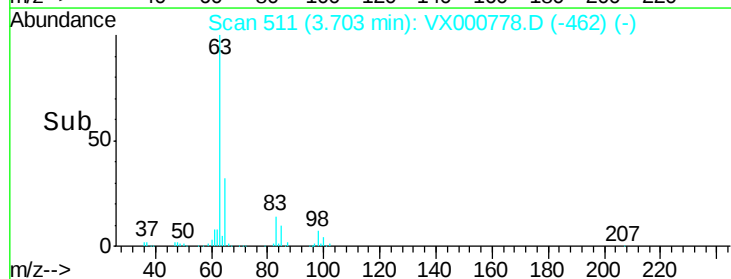
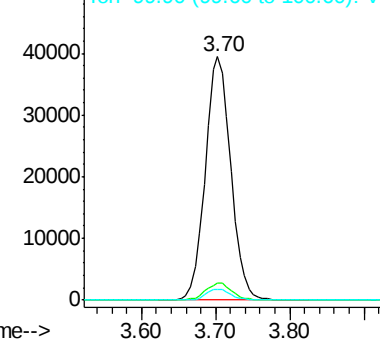
63 100

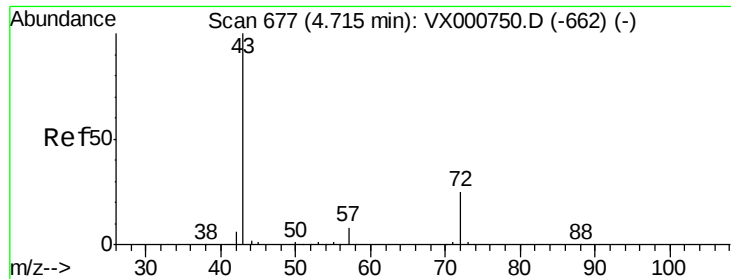
98 6.9 3.3 9.9

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0

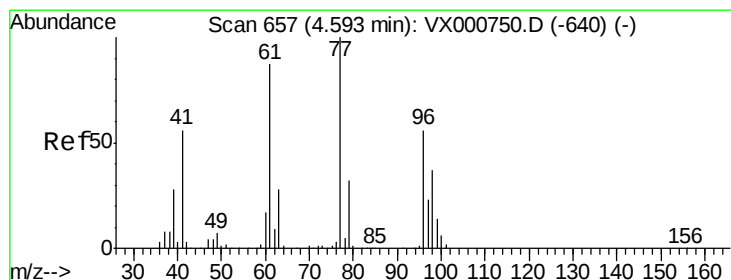
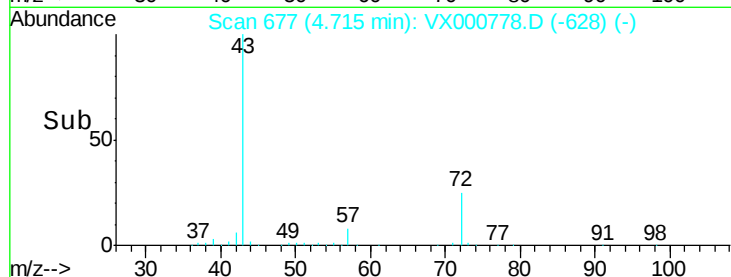
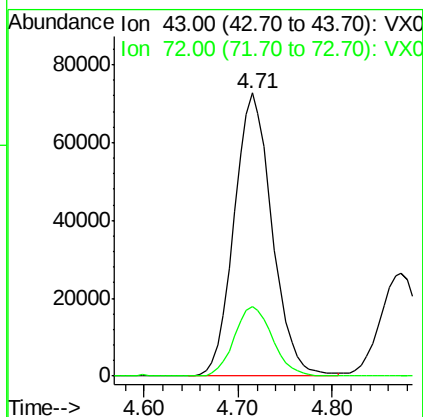
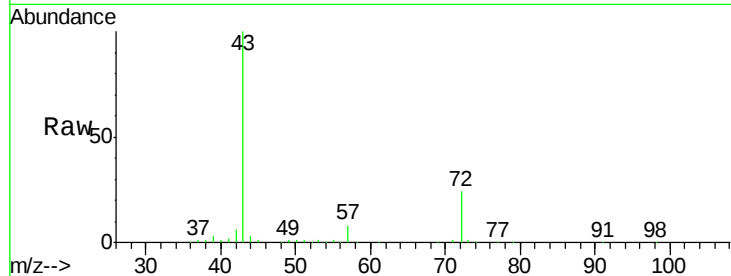




#25
2-Butanone
Concen: 114.15 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

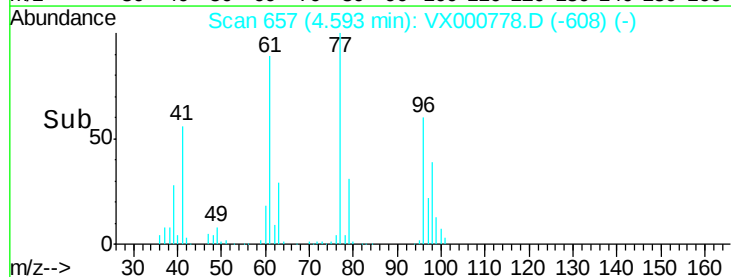
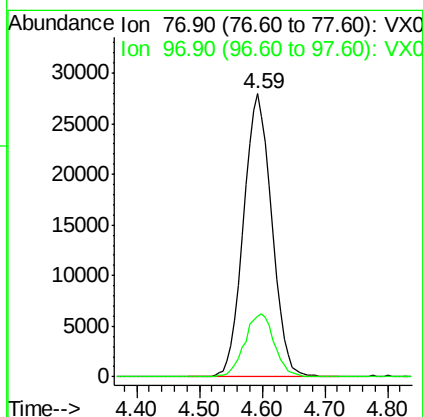
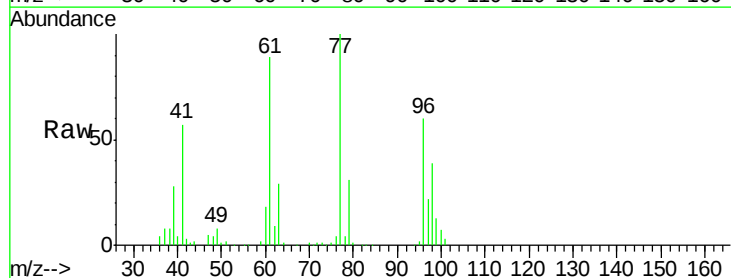
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 203004
Ion Ratio Lower Upper
43 100
72 24.5 20.3 30.5



#26
2,2-Dichloropropane
Concen: 20.27 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 77 Resp: 87208
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.4



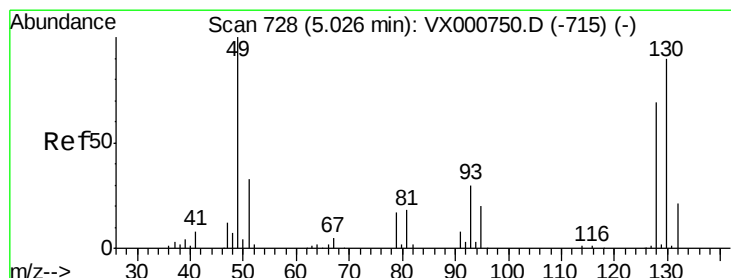
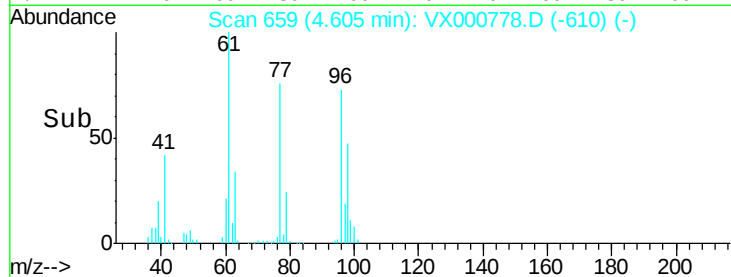
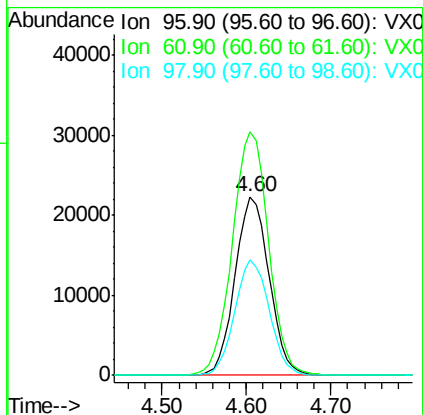
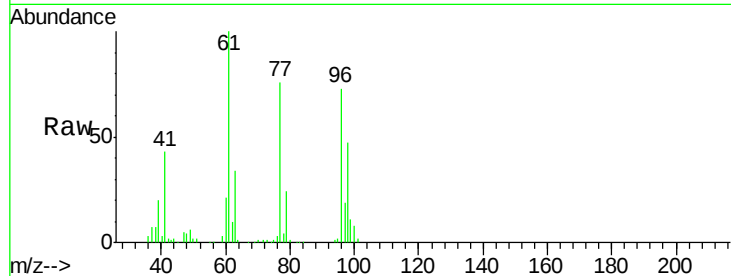


#27

cis-1,2-Dichloroethene
Concen: 21.52 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampled :

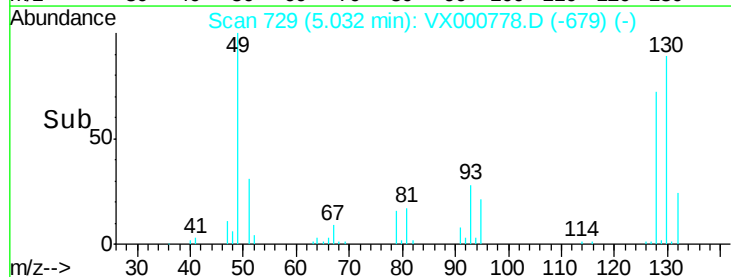
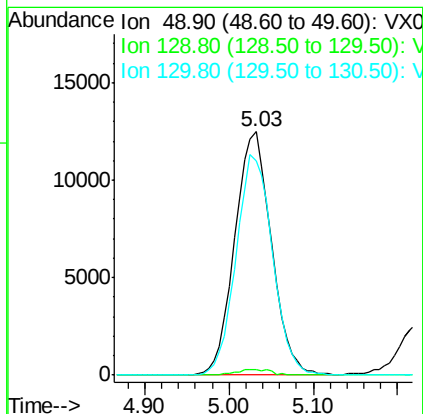
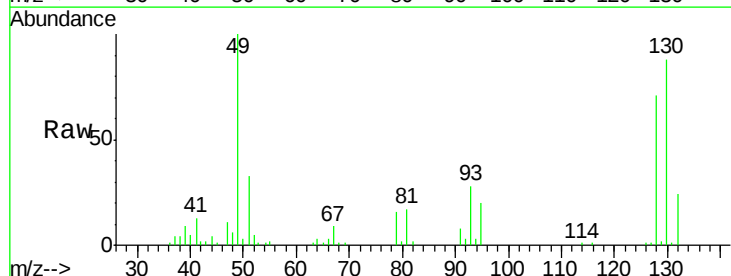
Tot Ion: 96 Resp: 61220
Ion Ratio Lower Upper
96 100
61 144.9 0.0 292.4
98 65.5 0.0 130.2

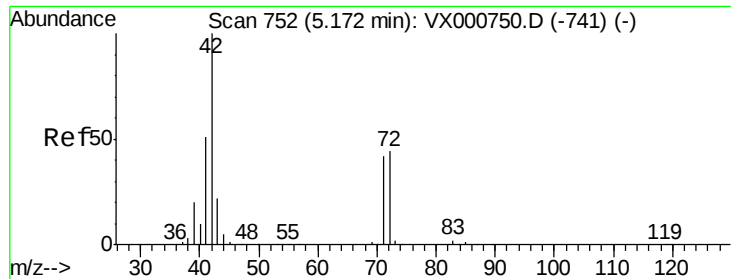


#28

Bromochloromethane
Concen: 21.07 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 49 Resp: 36774
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.2
130 89.9 72.6 109.0





#29

Tetrahydrofuran

Concen: 112.38 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampled :

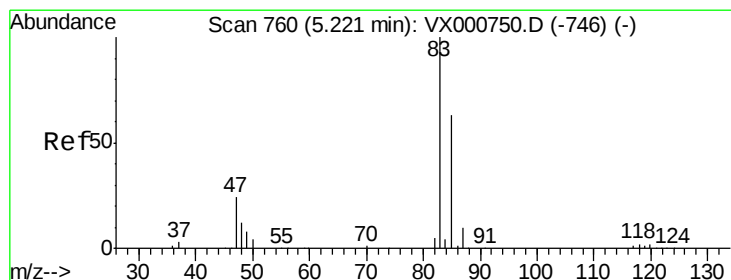
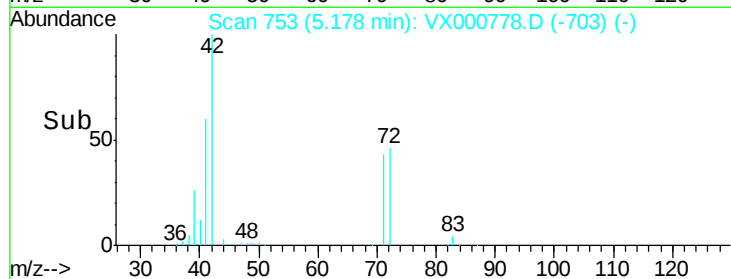
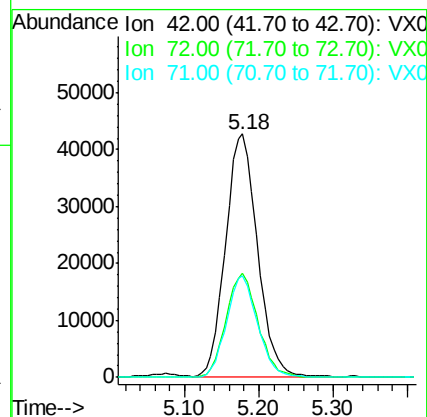
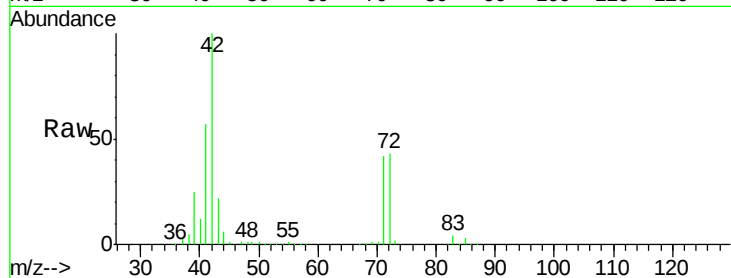
Tot Ion: 42 Resp: 126894

Ion Ratio Lower Upper

42 100

72 43.4 35.1 52.7

71 41.1 32.8 49.2



#30

Chloroform

Concen: 21.61 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000778.D

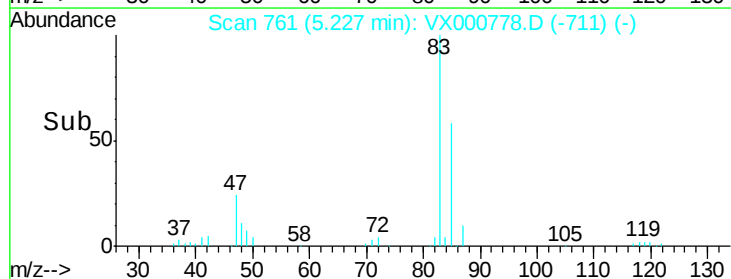
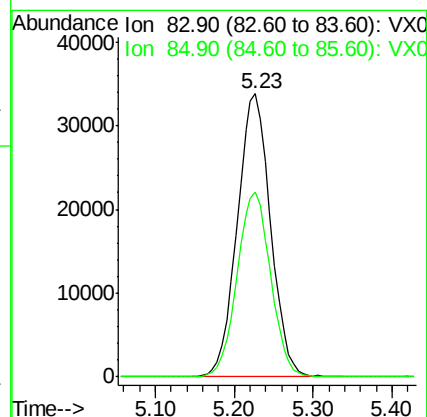
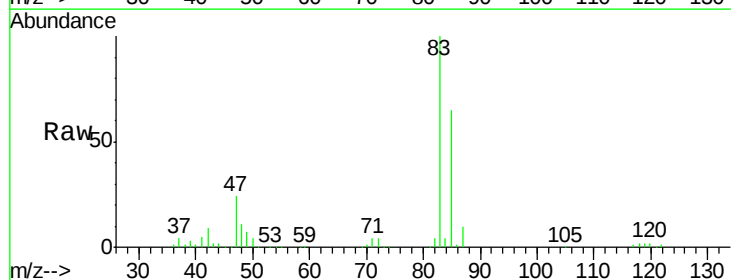
Acq: 11 Apr 2018 15:05

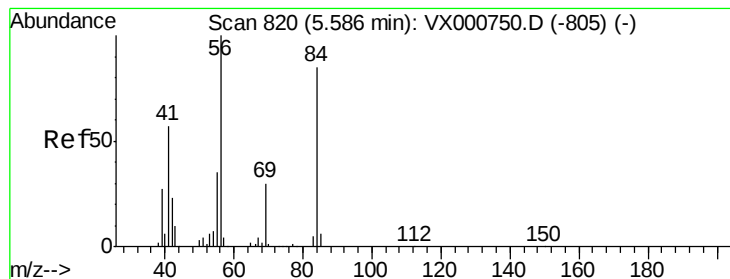
Tgt Ion: 83 Resp: 99147

Ion Ratio Lower Upper

83 100

85 65.3 50.7 76.1





#31

Cyclohexane

Concen: 20.43 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

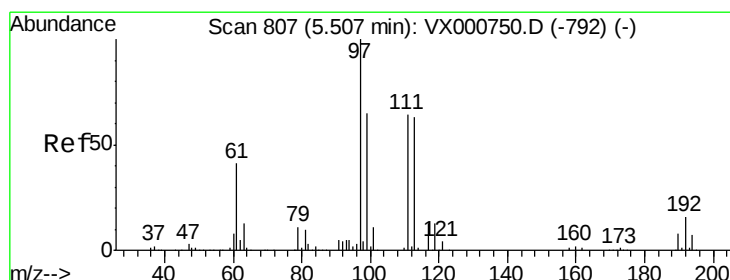
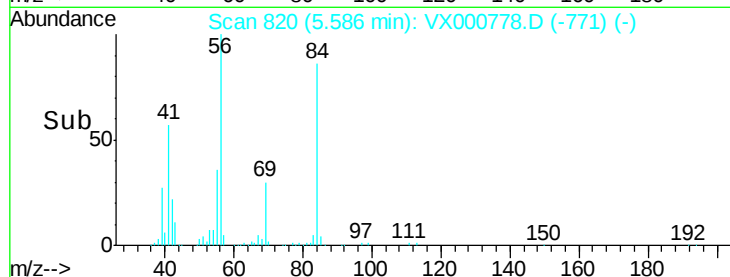
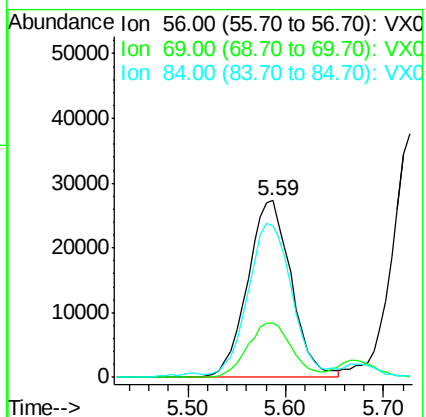
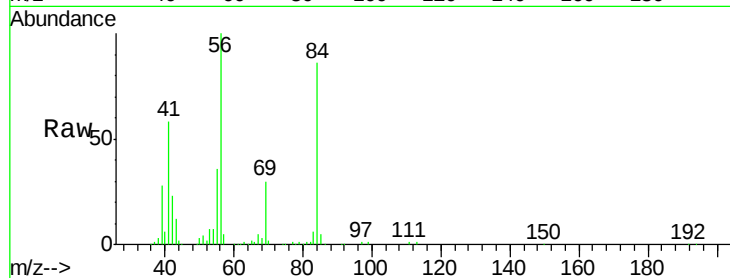
Tot Ion: 56 Resp: 84081

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 83.6 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 21.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

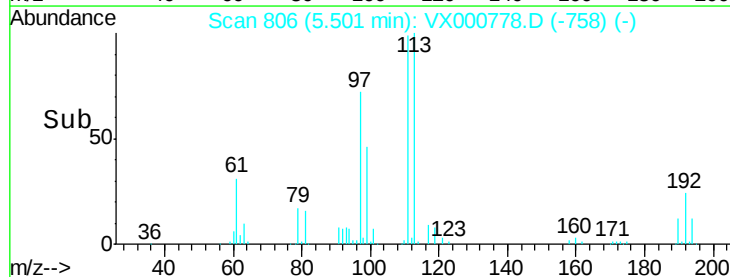
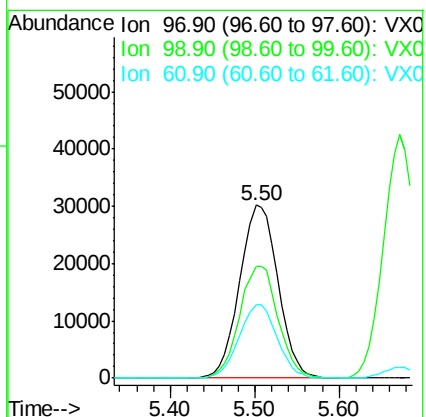
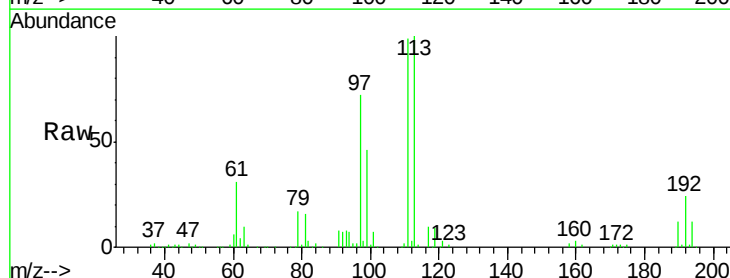
Tgt Ion: 97 Resp: 93390

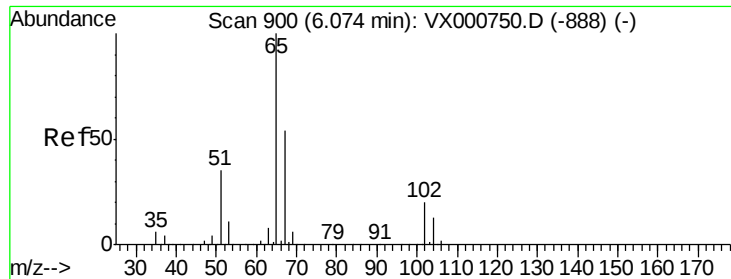
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 42.2 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 52.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

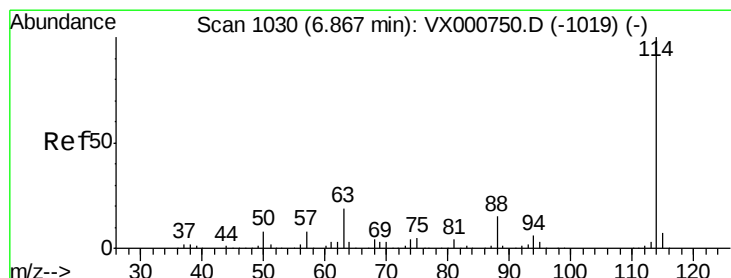
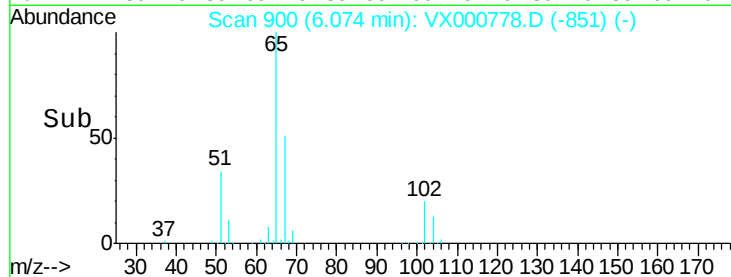
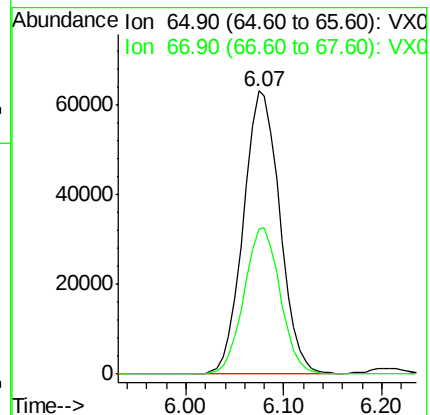
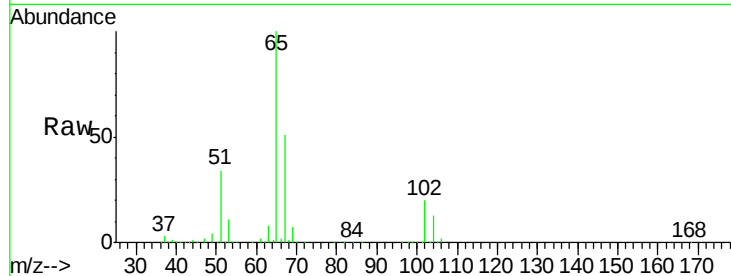
ClientSampleId :

Tot Ion: 65 Resp: 164178

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

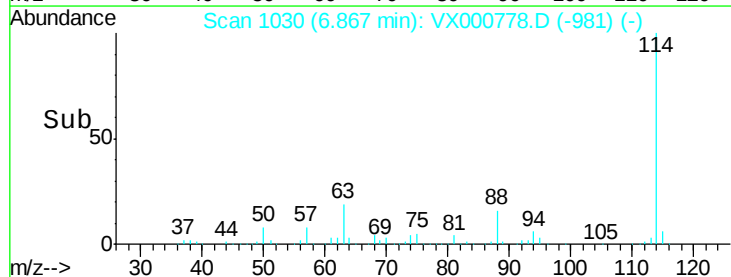
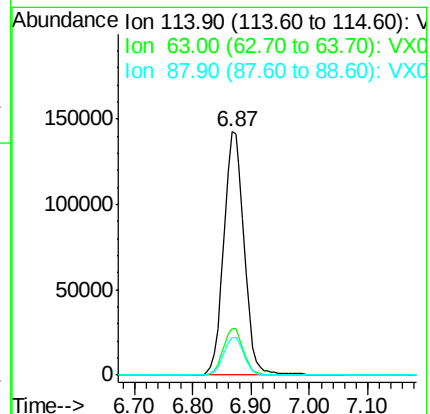
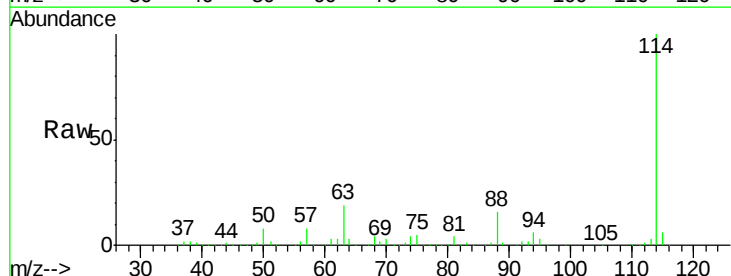
Tgt Ion: 114 Resp: 345490

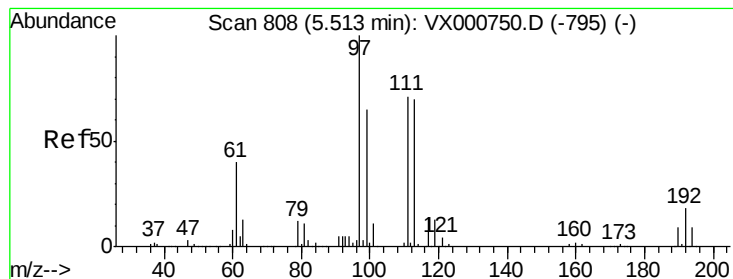
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.33 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

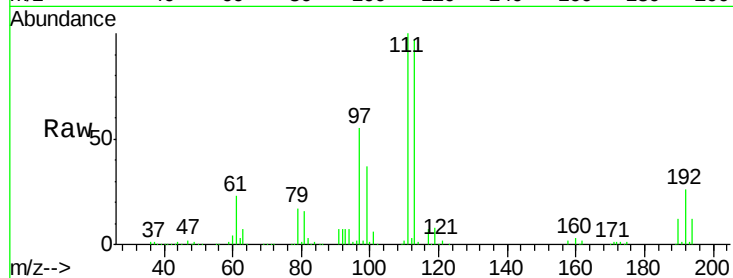
Tot Ion:113 Resp: 139297

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

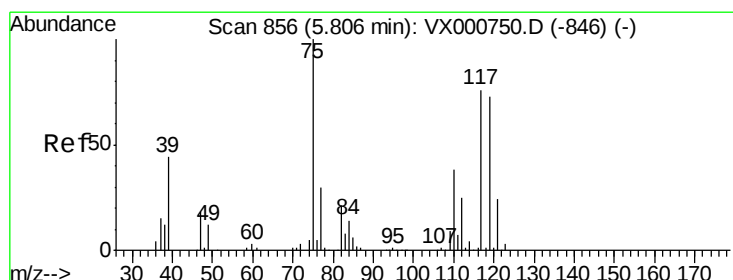
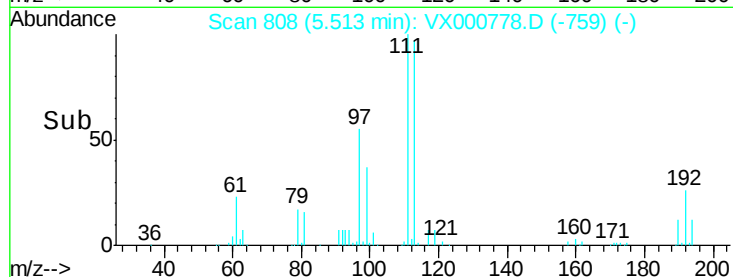
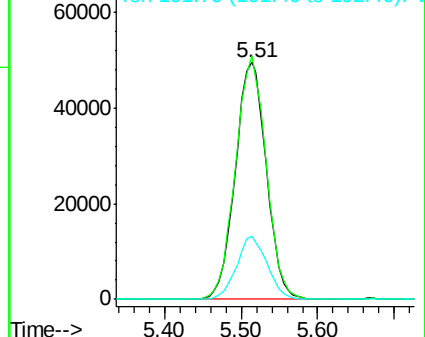
192 25.9 20.4 30.6



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: 19.61 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

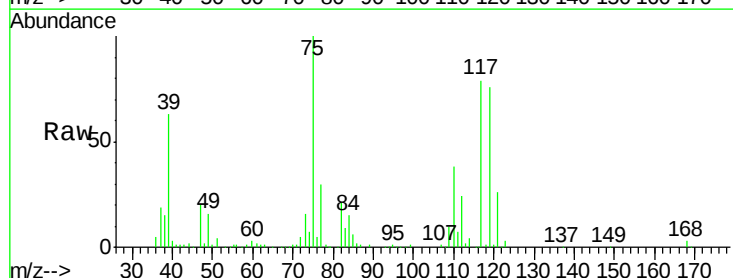
Tgt Ion: 75 Resp: 74606

Ion Ratio Lower Upper

75 100

110 38.4 19.2 57.6

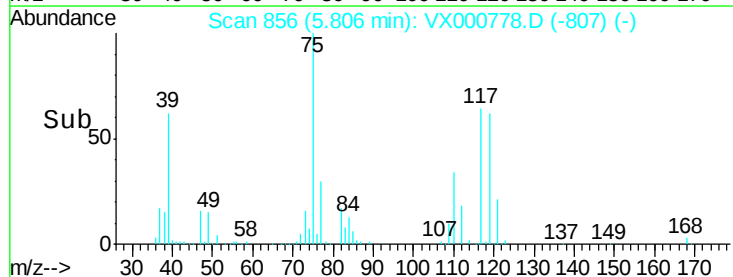
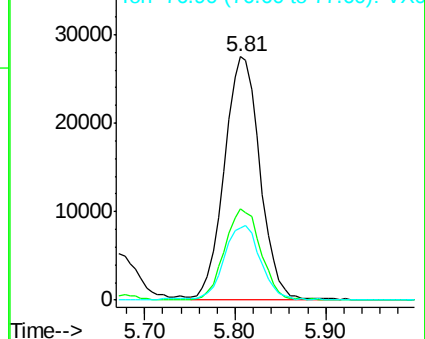
77 30.6 25.4 38.2

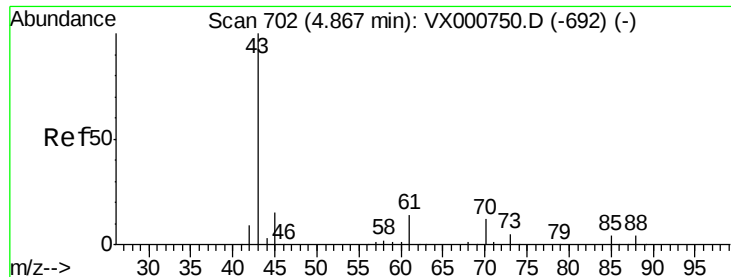


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

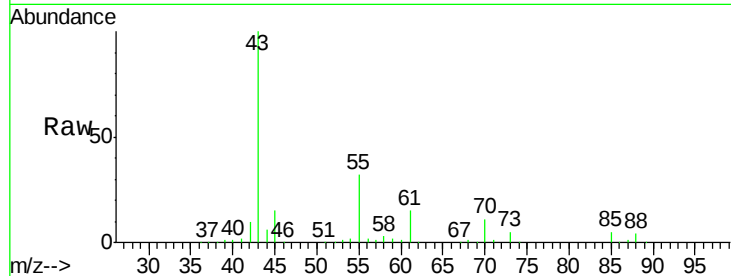




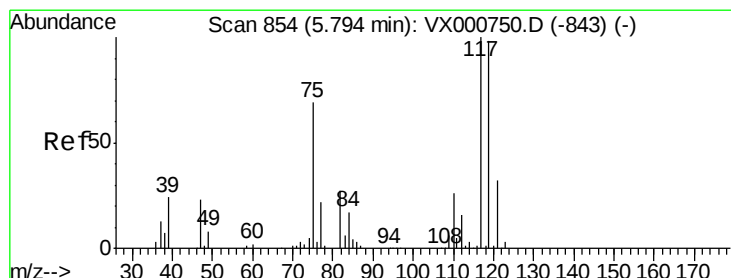
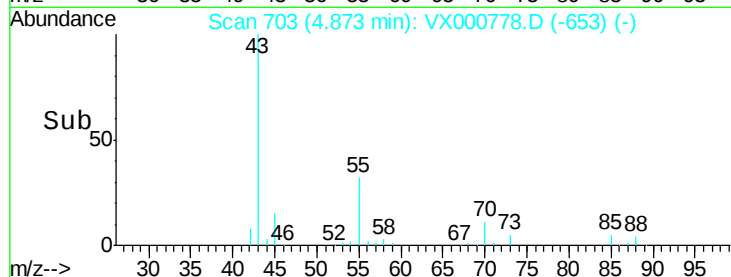
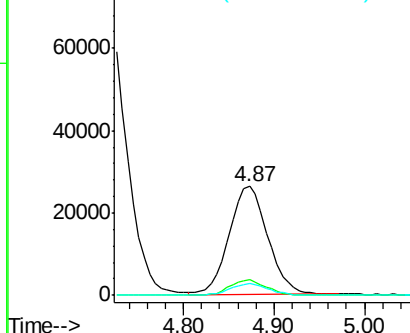
#37
Ethyl Acetate
Concen: 20.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 43 Resp: 77512
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 11.0 8.7 13.1

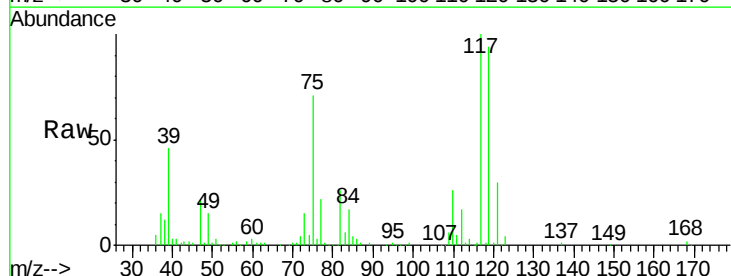


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

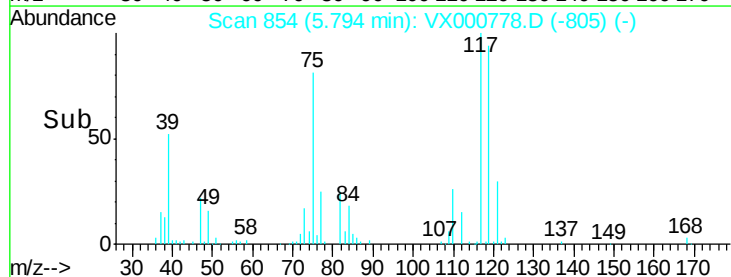
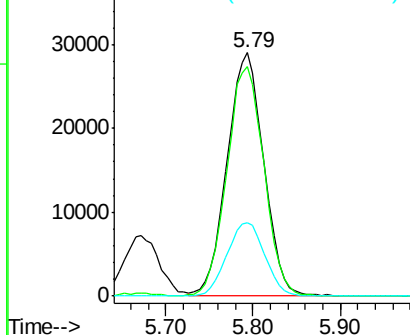


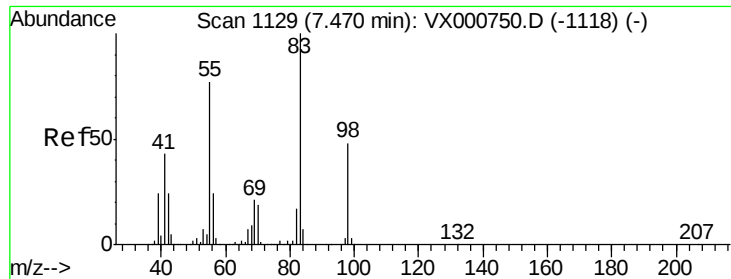
#38
Carbon Tetrachloride
Concen: 19.88 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 117 Resp: 84644
Ion Ratio Lower Upper
117 100
119 94.4 78.4 117.6
121 30.0 25.4 38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

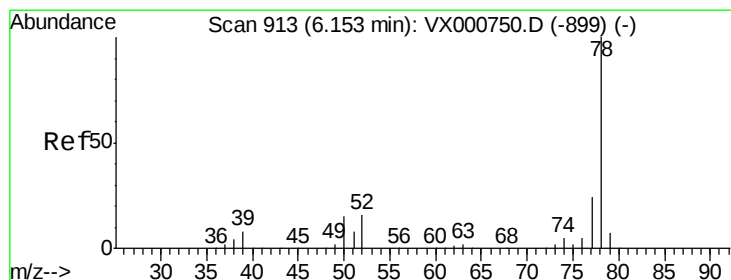
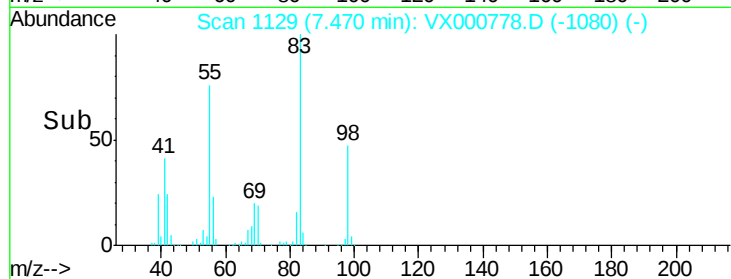
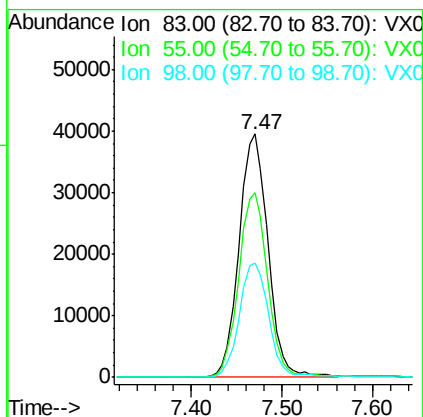
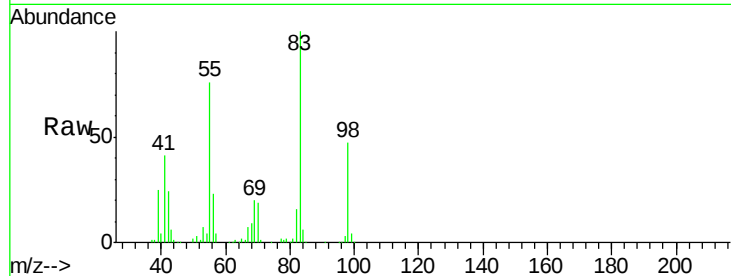




#39
Methvlcvclohexane
Concen: 19.14 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

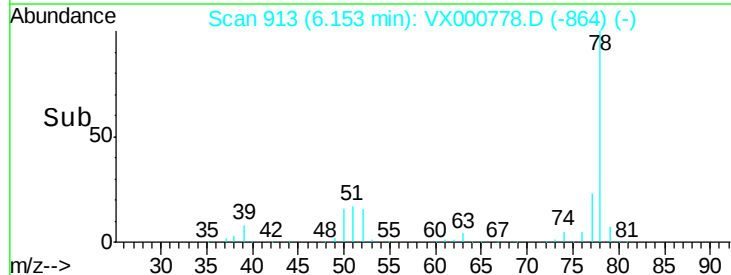
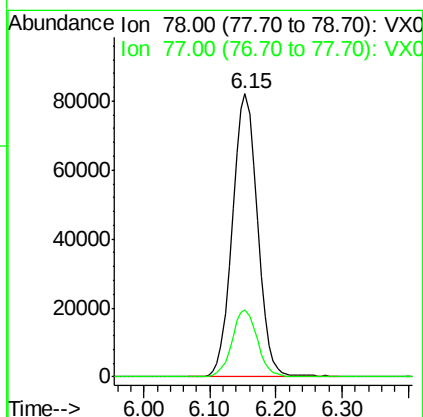
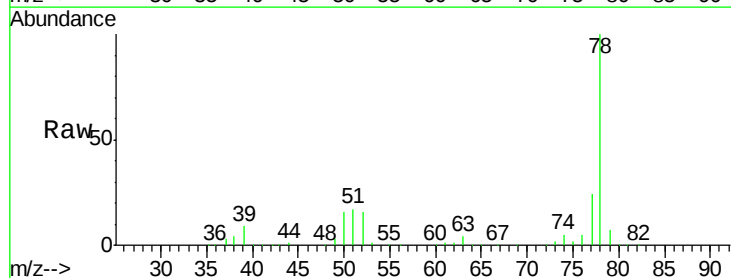
Instrument :
MSVOA_X
ClientSampled :

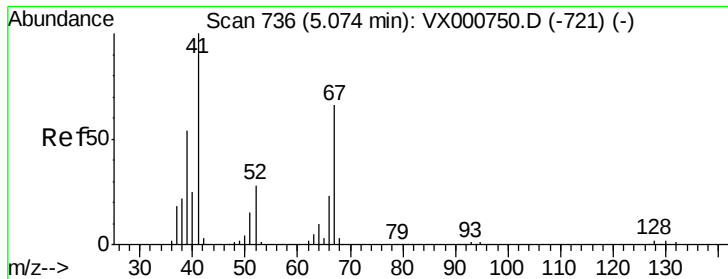
Tot Ion: 83 Resp: 87456
Ion Ratio Lower Upper
83 100
55 75.7 61.5 92.3
98 46.8 38.1 57.1



#40
Benzene
Concen: 20.48 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 78 Resp: 216539
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

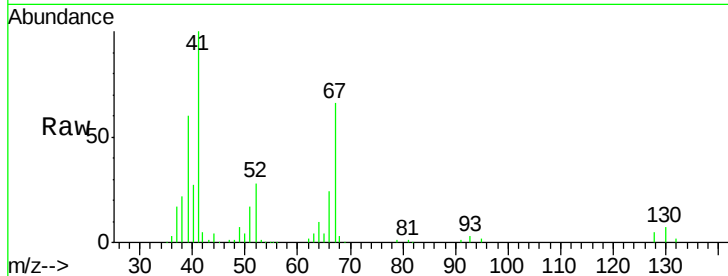




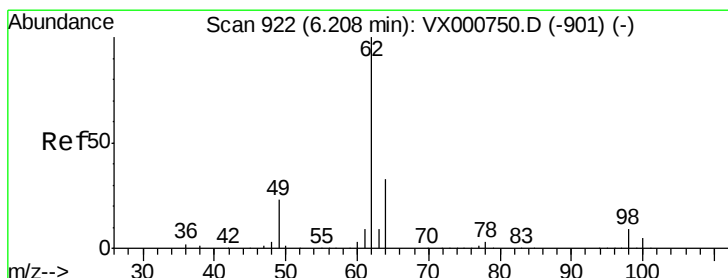
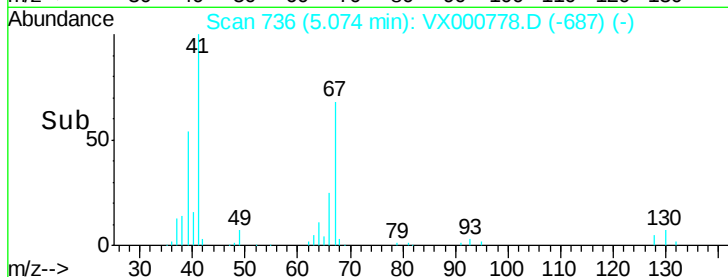
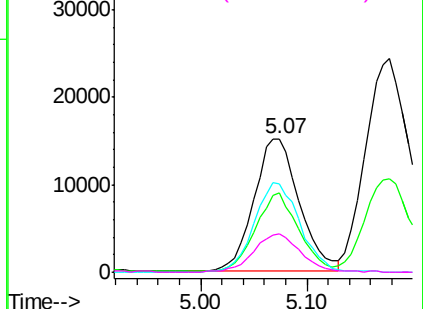
#41
Methacrylonitrile
Concen: 21.00 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	45057
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.9	67.3
67	68.6	54.7	82.1
52	29.8	23.0	34.6

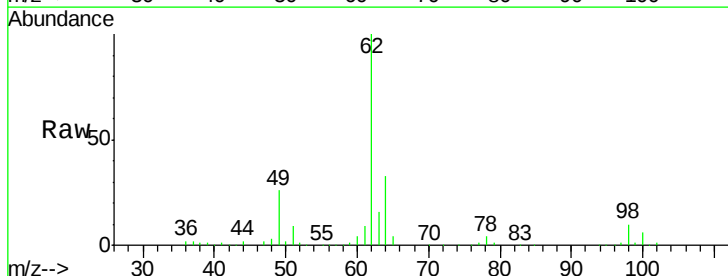


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

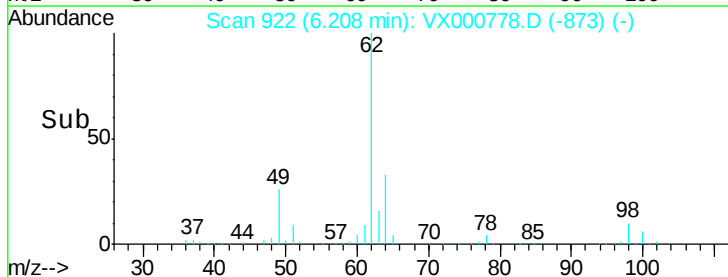
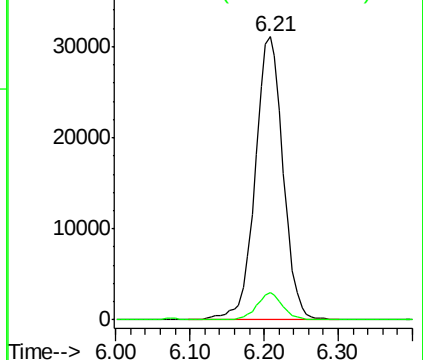


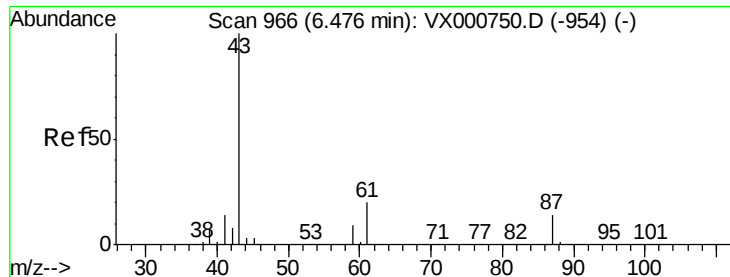
#42
1,2-Dichloroethane
Concen: 20.70 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion:	62	Resp:	81732
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



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



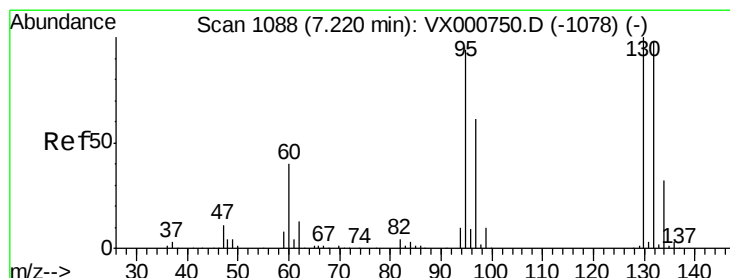
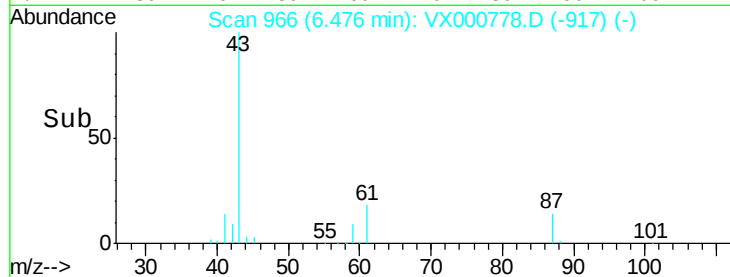
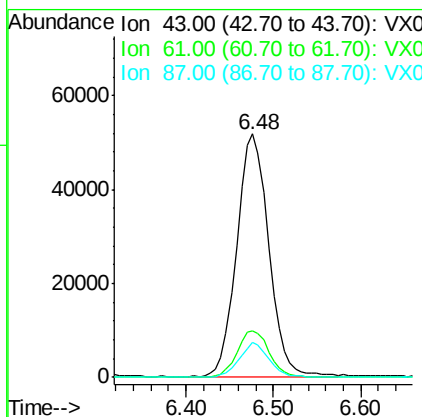
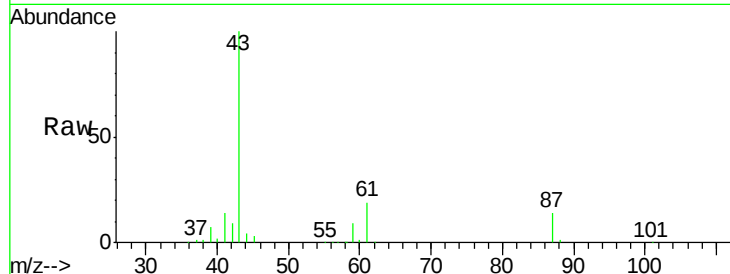


#43

Isopropyl Acetate
 Concen: 20.68 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :

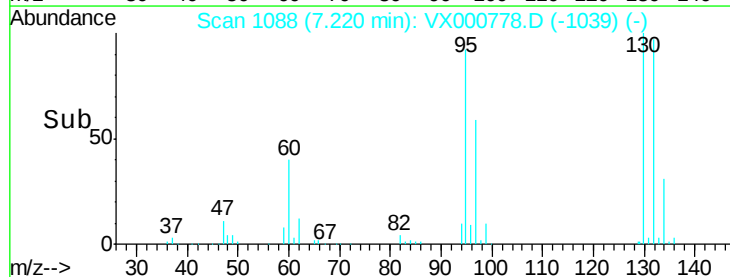
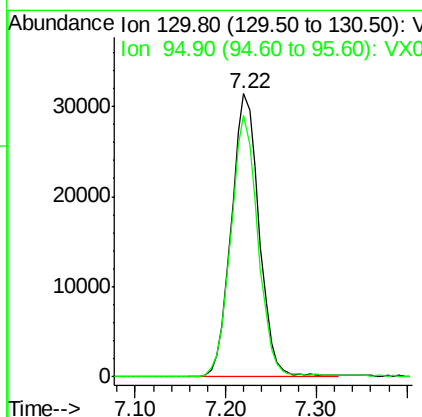
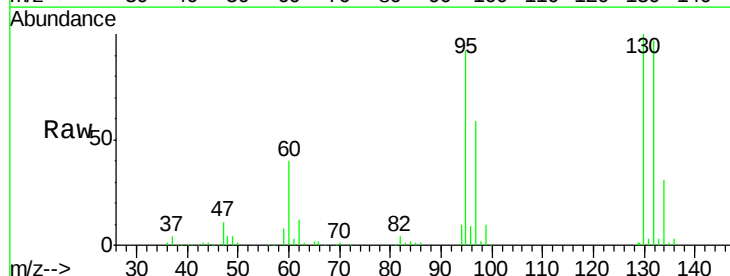
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.6	23.4
87	13.2	10.7	16.1

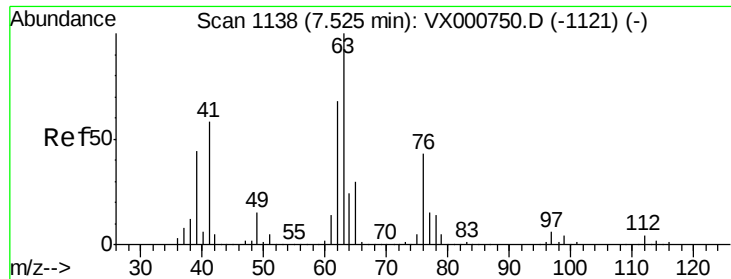


#44

Trichloroethene
 Concen: 20.36 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	187.0

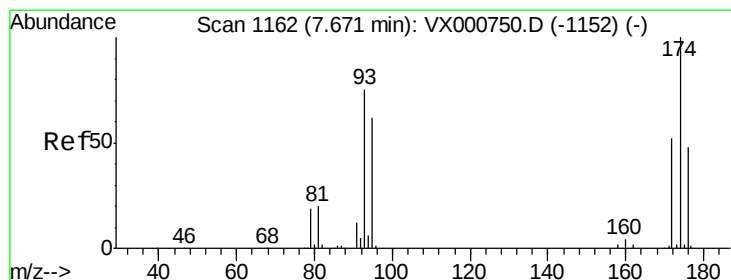
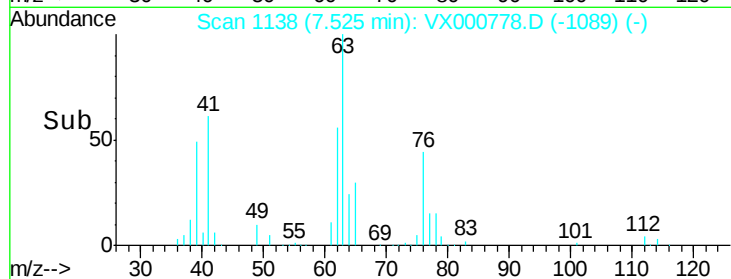
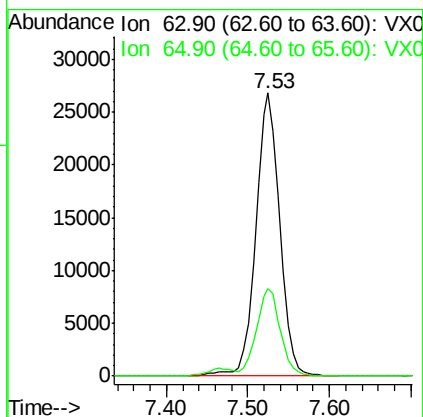
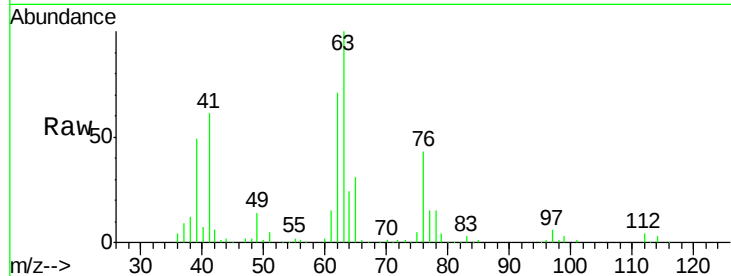




#45
 1,2-Dichloropropane
 Concen: 20.46 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

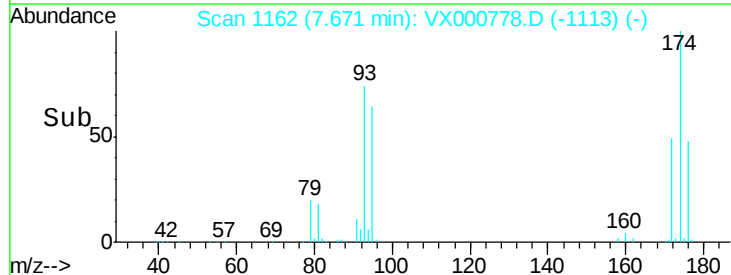
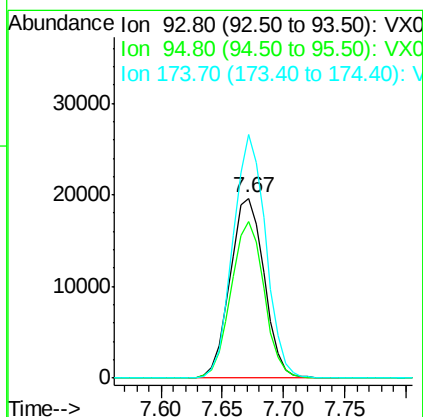
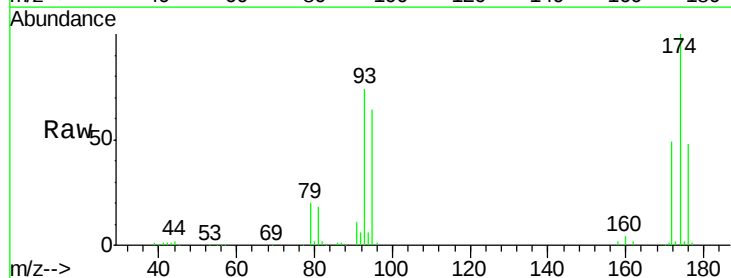
Instrument :
 MSVOA_X
 ClientSampleId :

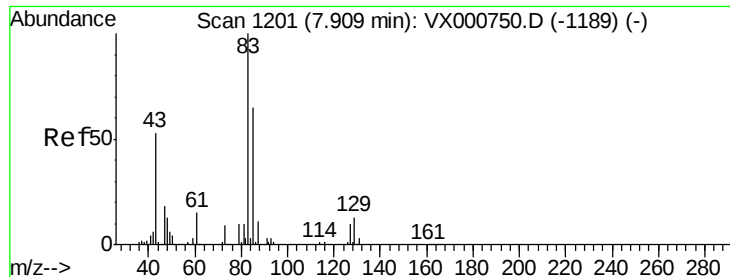
Tot Ion: 63 Resp: 55070
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.7 35.5



#46
 Dibromomethane
 Concen: 20.22 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion: 93 Resp: 37961
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.6 100.0
 174 129.9 104.5 156.7





#47

Bromodichloromethane

Concen: 20.51 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :

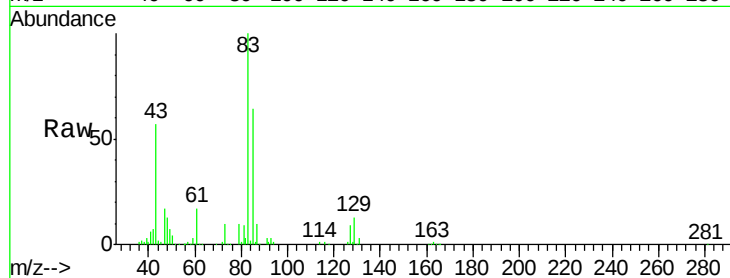
Tot Ion: 83 Resp: 77704

Ion Ratio Lower Upper

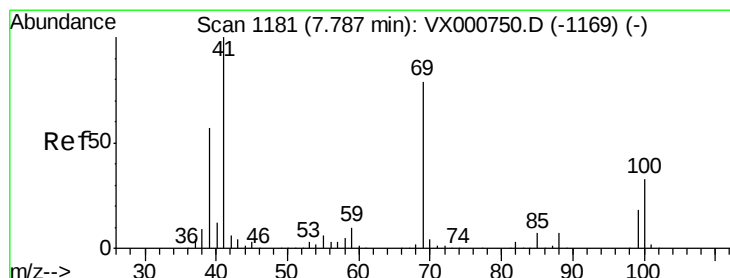
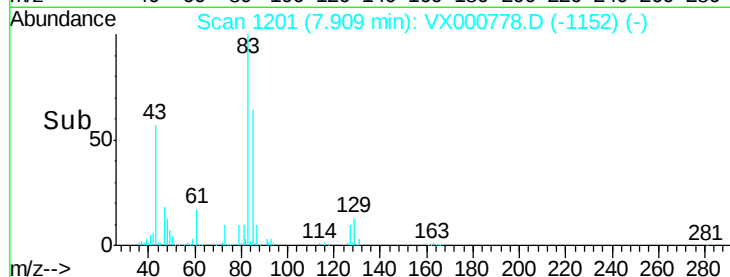
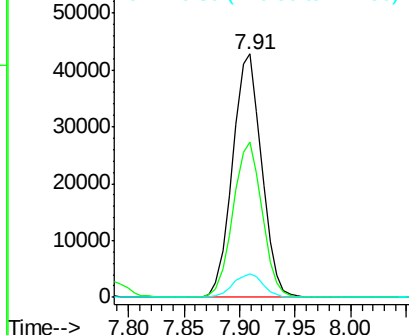
83 100

85 63.6 52.2 78.4

127 9.5 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.88 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

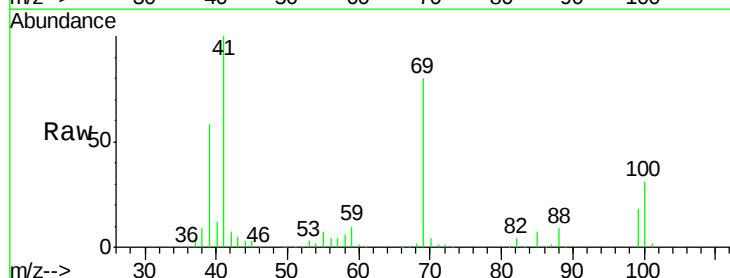
Tgt Ion: 41 Resp: 68941

Ion Ratio Lower Upper

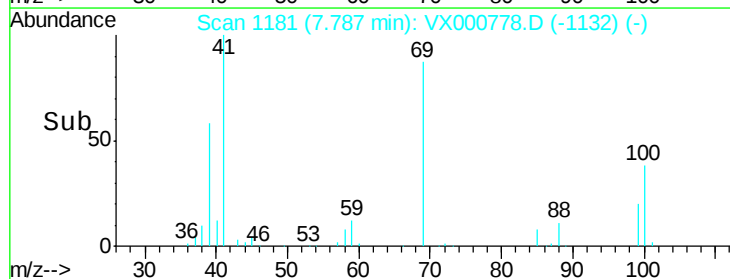
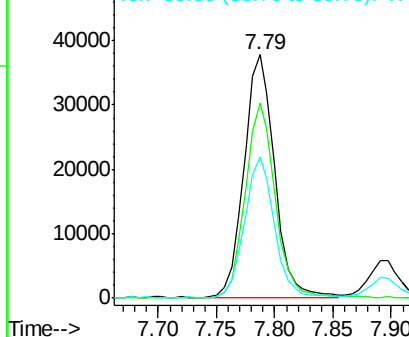
41 100

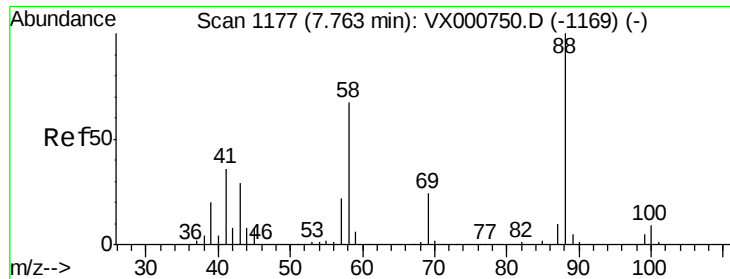
69 79.7 63.9 95.9

39 56.7 45.9 68.9



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





#49

1,4-Dioxane

Concen: 425.22 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :

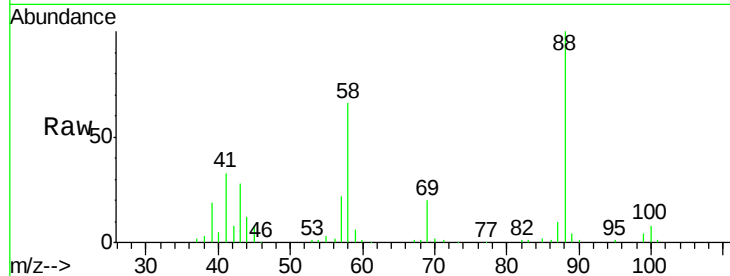
Tot Ion: 88 Resp: 28208

Ion Ratio Lower Upper

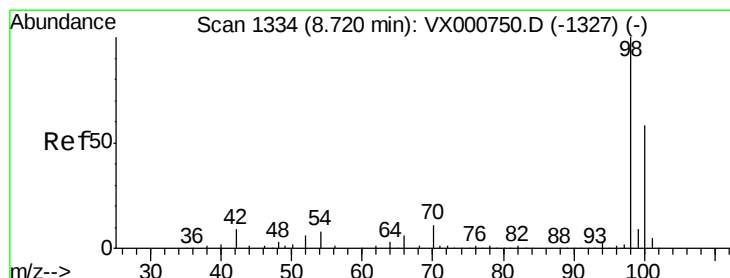
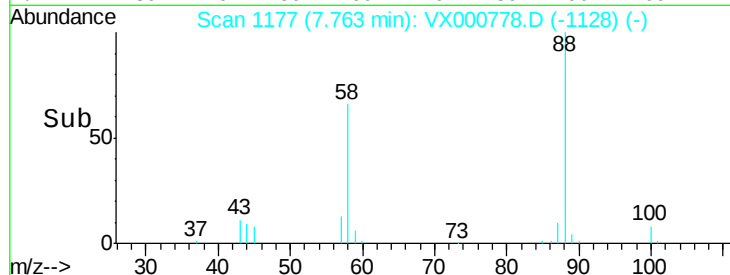
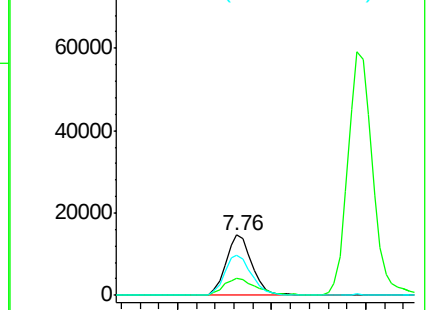
88 100

43 33.6 25.8 38.8

58 68.8 54.4 81.6



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



#50

Toluene-d8

Concen: 51.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000778.D

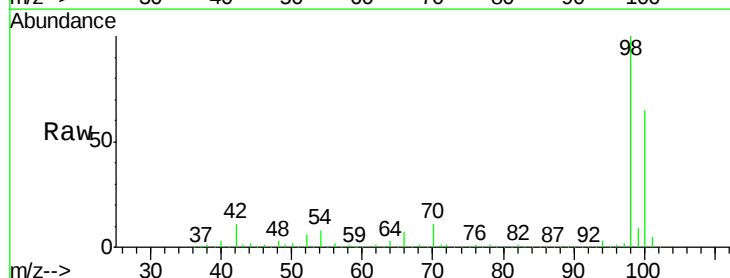
Acq: 11 Apr 2018 15:05

Tgt Ion: 98 Resp: 507608

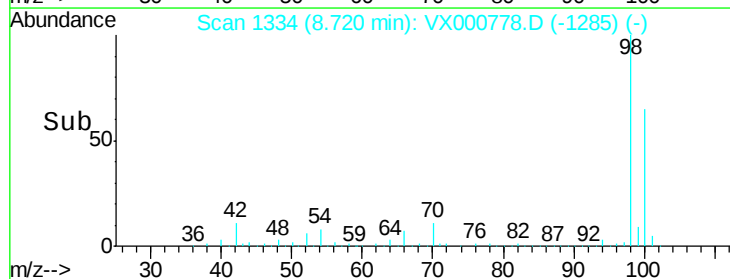
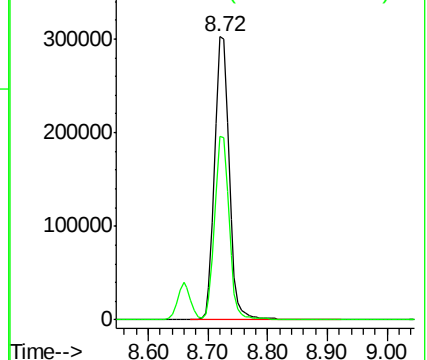
Ion Ratio Lower Upper

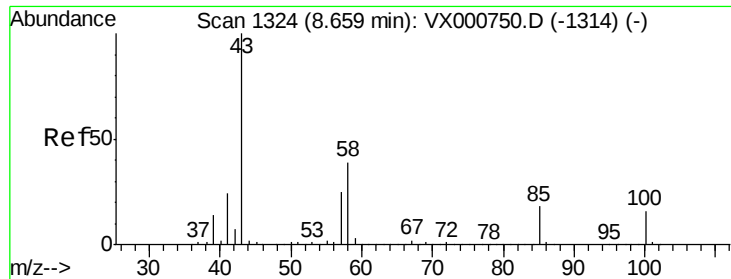
98 100

100 64.2 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 107.31 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

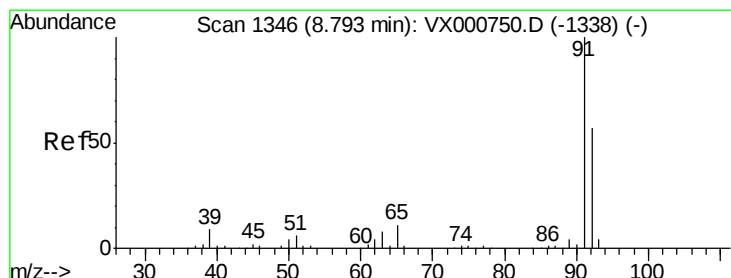
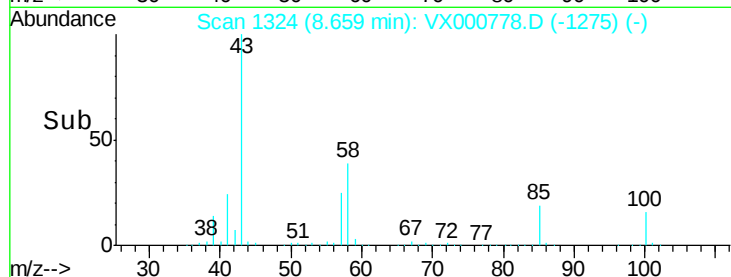
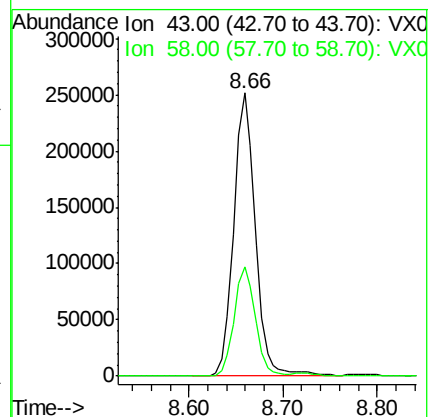
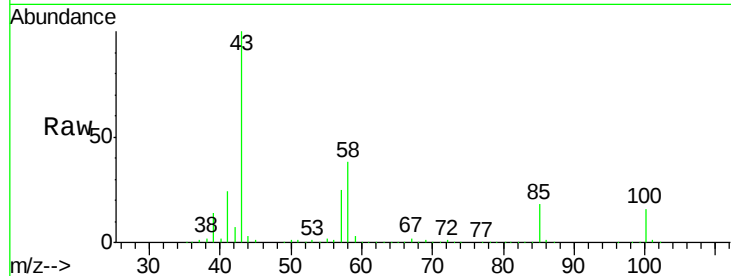
ClientSampled :

Tot Ion: 43 Resp: 401412

Ion Ratio Lower Upper

43 100

58 37.7 30.3 45.5



#52

Toluene

Concen: 20.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000778.D

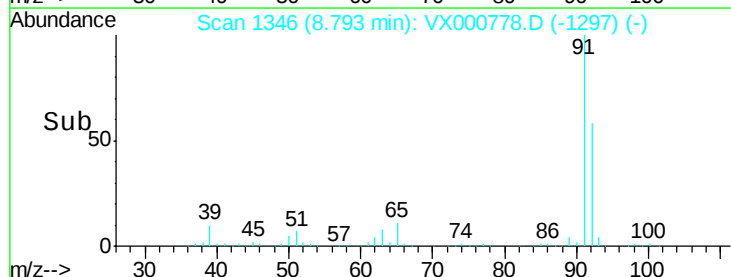
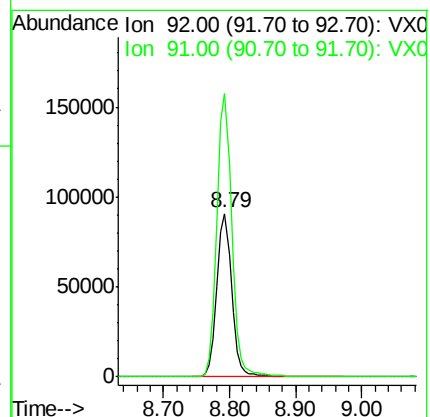
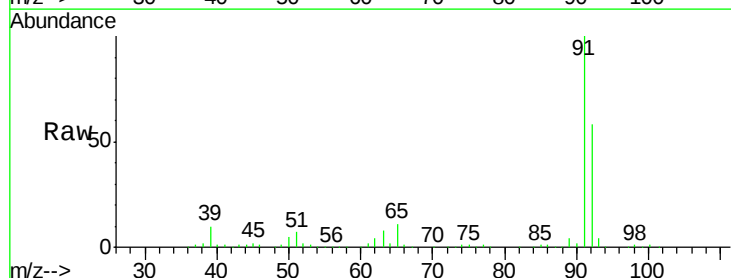
Acq: 11 Apr 2018 15:05

Tgt Ion: 92 Resp: 141672

Ion Ratio Lower Upper

92 100

91 173.2 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.98 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

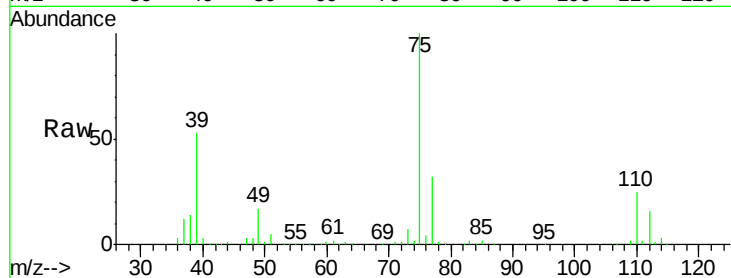
ClientSampleId :

Tot Ion: 75 Resp: 90787

Ion Ratio Lower Upper

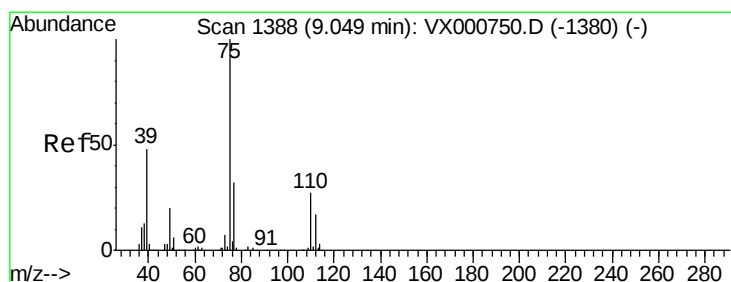
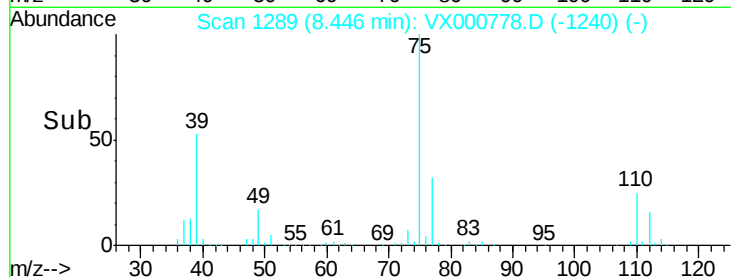
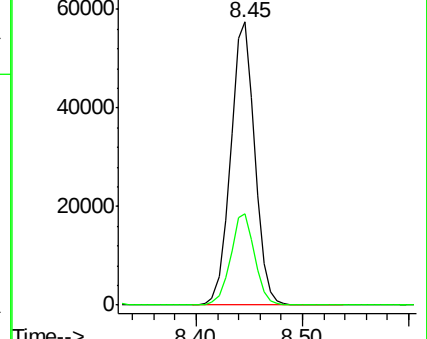
75 100

77 32.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

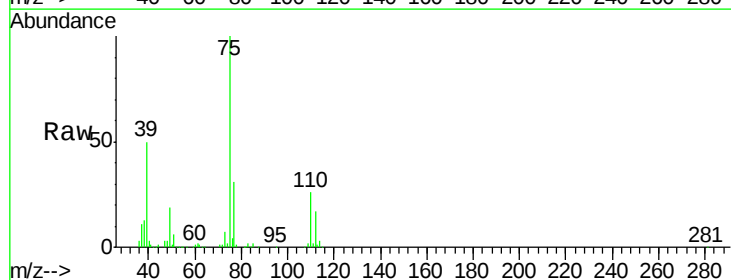
Tgt Ion: 75 Resp: 87504

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

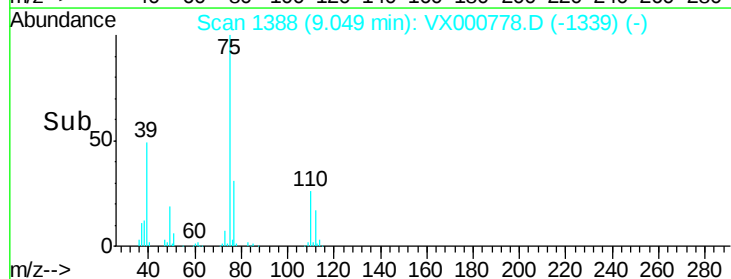
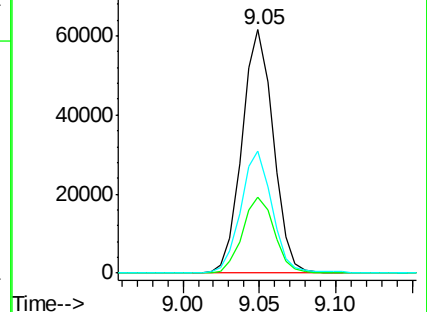
39 49.7 38.6 58.0

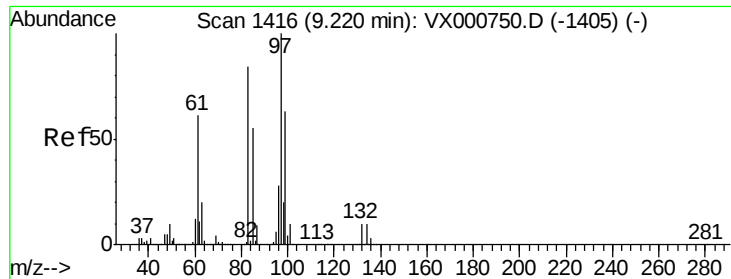


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

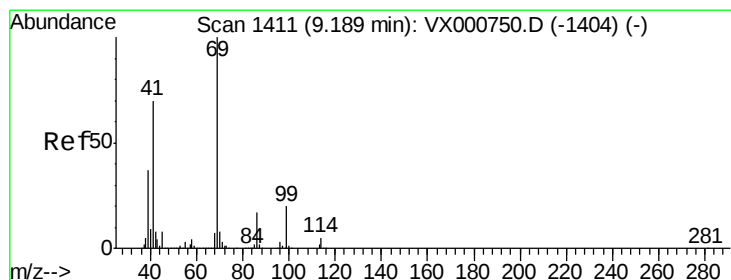
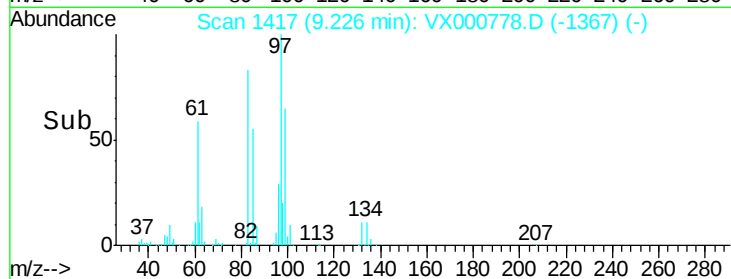
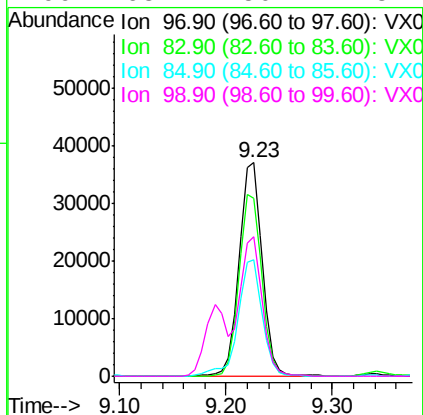
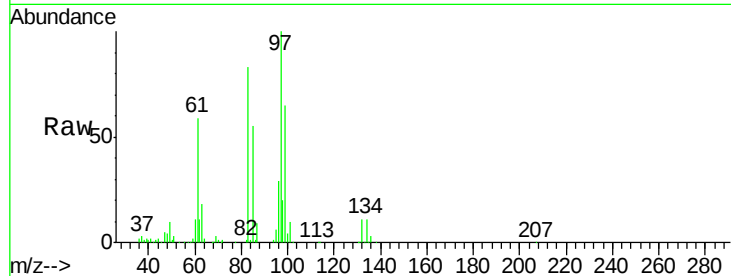




#55
 1,1,2-Trichloroethane
 Concen: 20.37 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

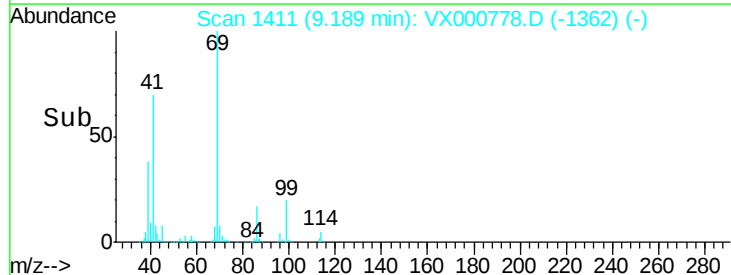
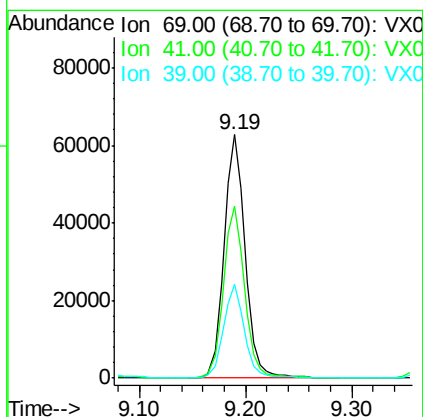
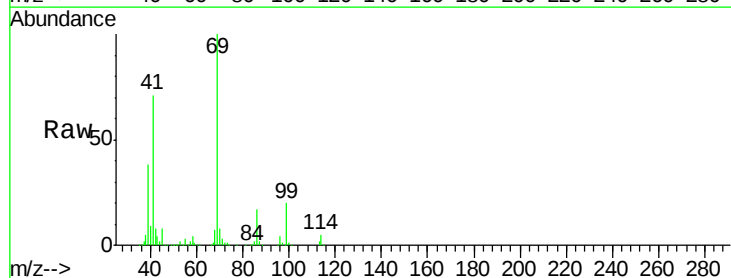
Instrument :
 MSVOA_X
 ClientSampleId :

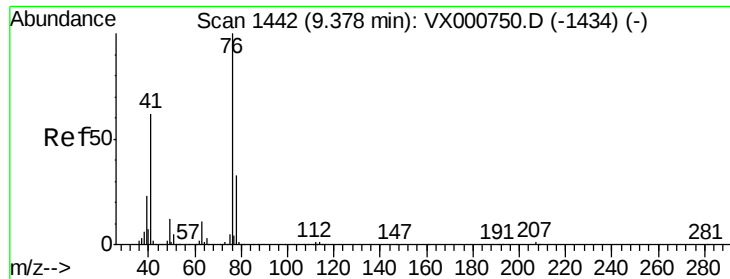
Tot Ion: 97 Resp: 56707
 Ion Ratio Lower Upper
 97 100
 83 83.2 67.6 101.4
 85 54.7 43.8 65.6
 99 65.2 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 20.31 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion: 69 Resp: 87221
 Ion Ratio Lower Upper
 69 100
 41 70.2 55.6 83.4
 39 37.6 30.3 45.5





#57

1,3-Dichloropropane

Concen: 20.93 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

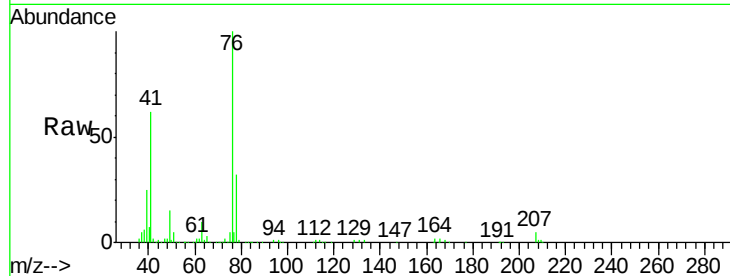
ClientSampleId :

Tot Ion: 76 Resp: 92636

Ion Ratio Lower Upper

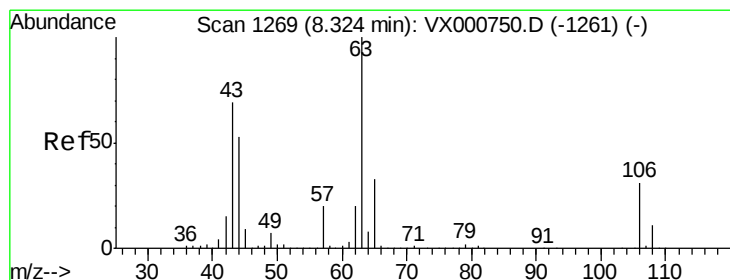
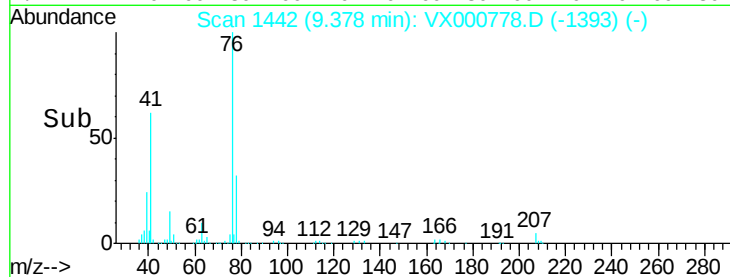
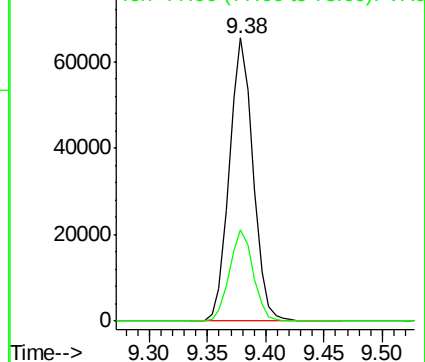
76 100

78 32.1 25.8 38.6



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: 106.97 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000778.D

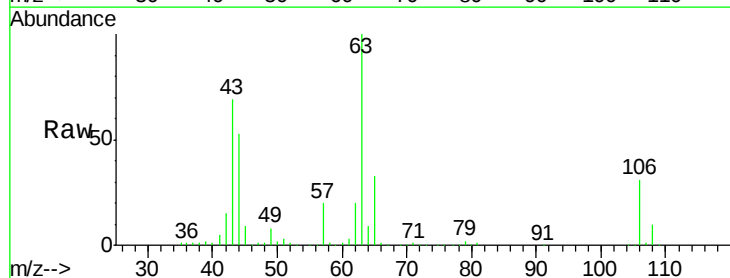
Acq: 11 Apr 2018 15:05

Tgt Ion: 63 Resp: 214667

Ion Ratio Lower Upper

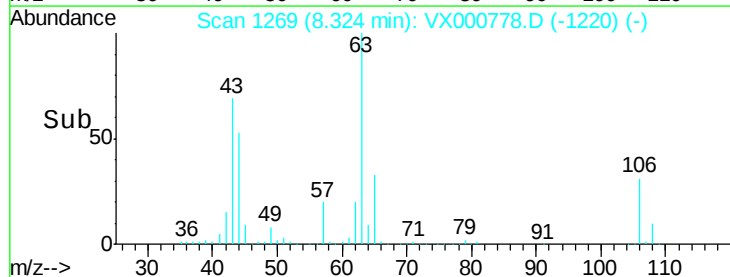
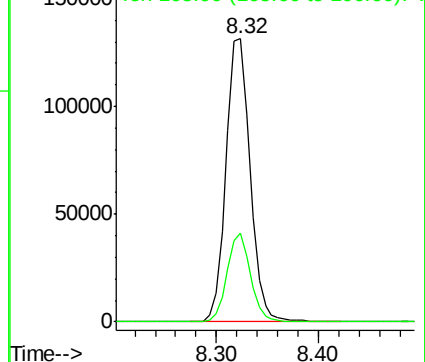
63 100

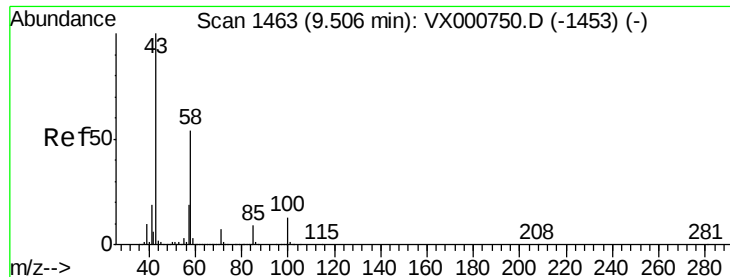
106 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

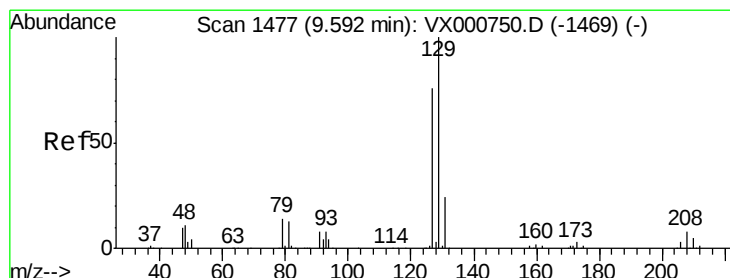
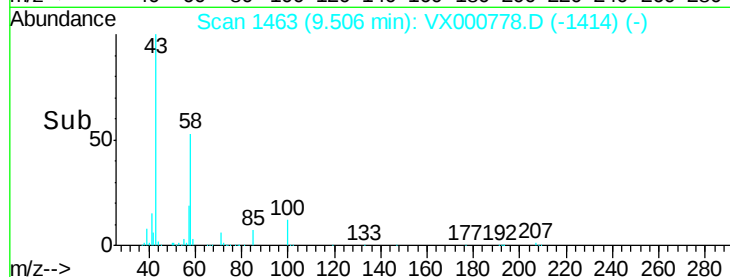
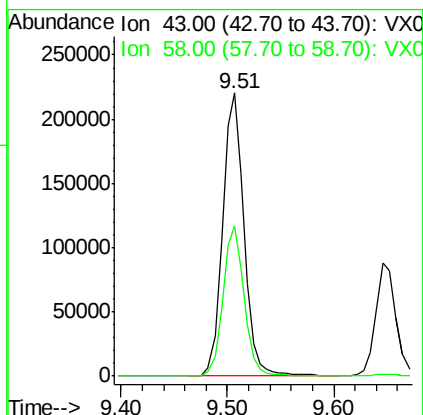
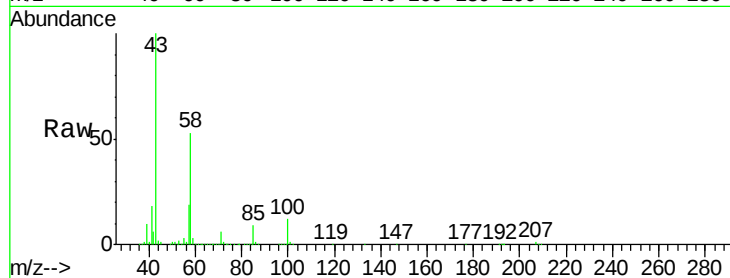




#59
2-Hexanone
Concen: 106.41 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

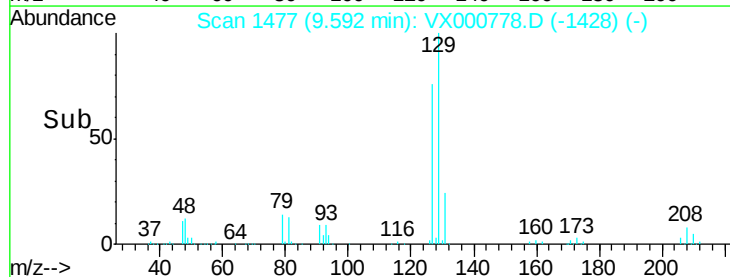
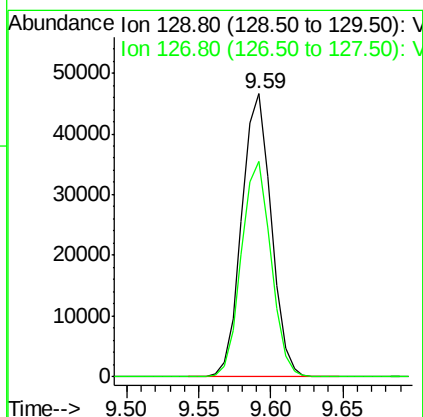
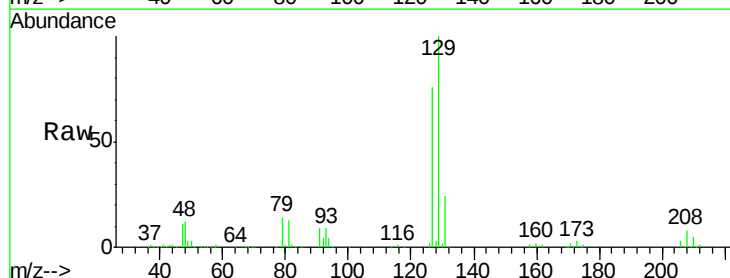
Instrument :
MSVOA_X
ClientSampleId :

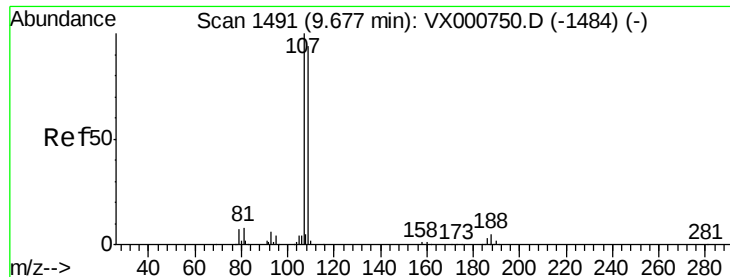
Tot Ion: 43 Resp: 307294
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5



#60
Dibromochloromethane
Concen: 19.91 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 129 Resp: 66350
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.92 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

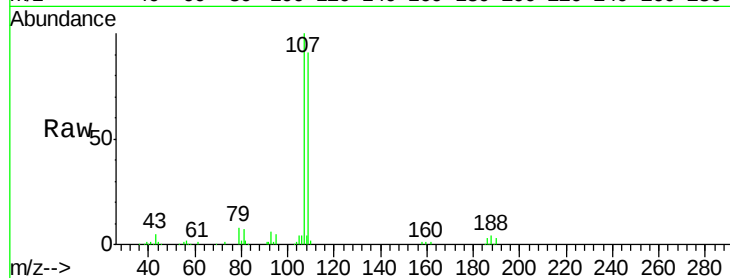
ClientSampleId :

Tot Ion:107 Resp: 61802

Ion Ratio Lower Upper

107 100

109 93.5 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

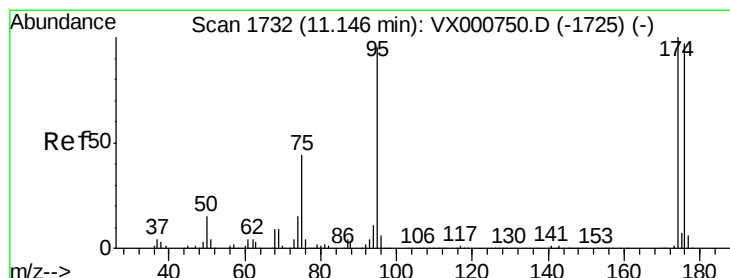
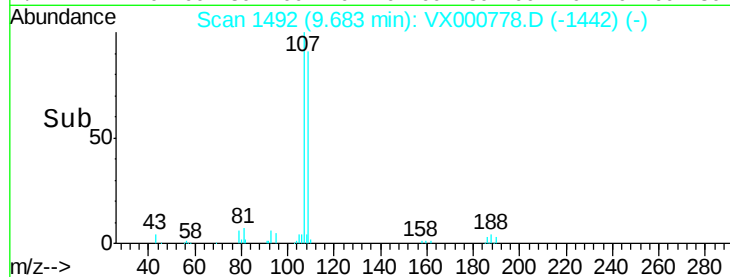
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.78 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

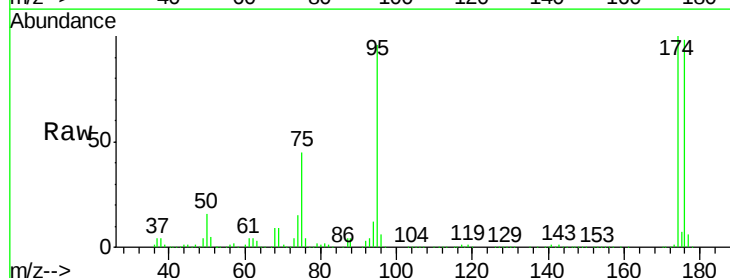
Tgt Ion: 95 Resp: 204111

Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

176 96.5 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

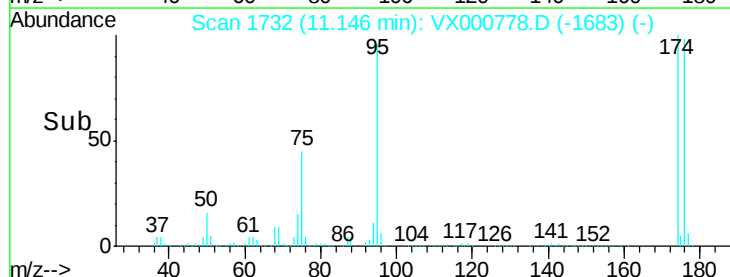
100000

50000

0

Time-->

11.10 11.20

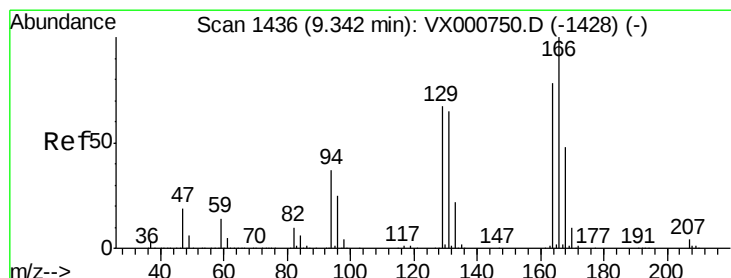
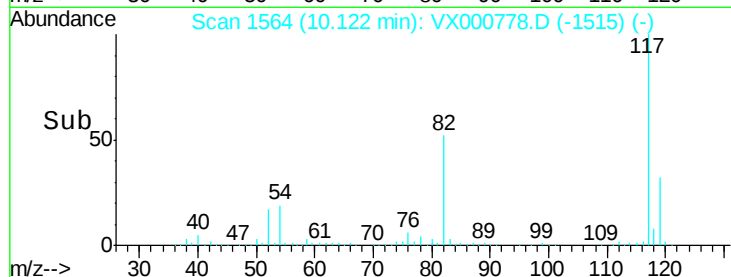
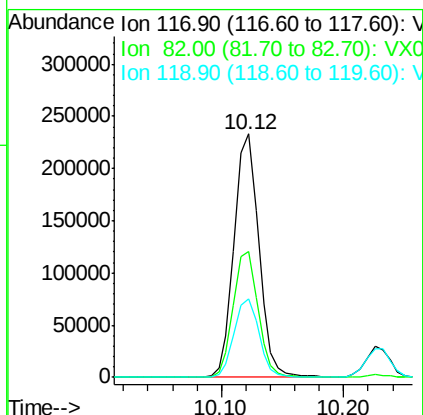
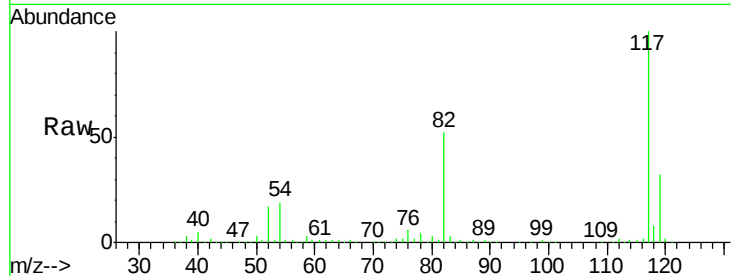




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

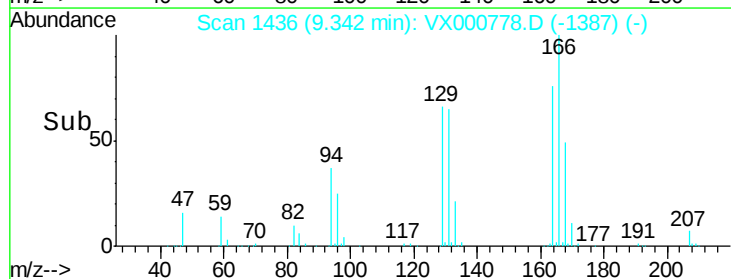
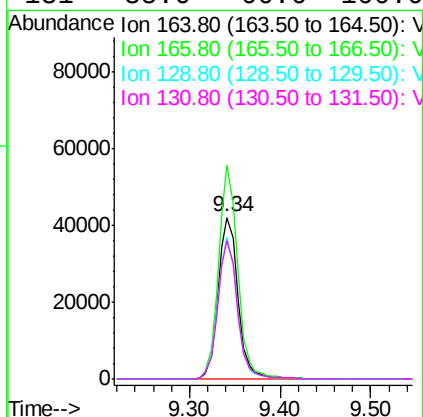
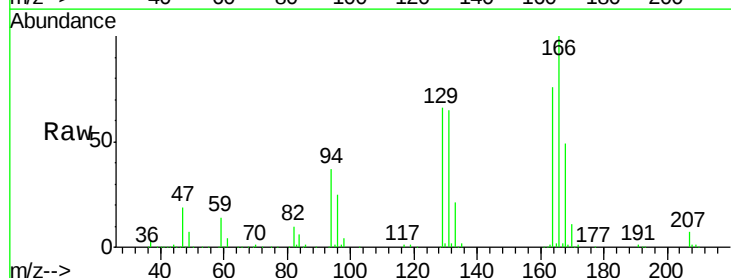
Instrument :
MSVOA_X
ClientSampleId :

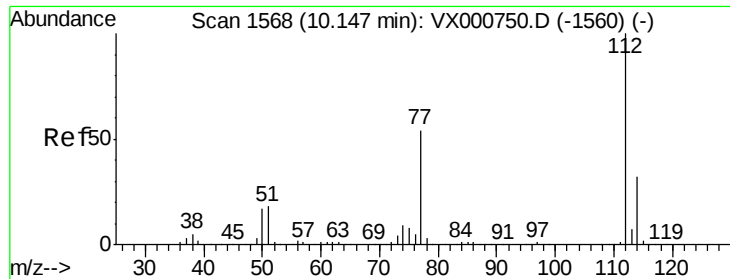
Tot Ion:117 Resp: 327681
Ion Ratio Lower Upper
117 100
82 51.7 41.9 62.9
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 20.13 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion:164 Resp: 64491
Ion Ratio Lower Upper
164 100
166 132.3 102.8 154.2
129 87.9 68.5 102.7
131 85.6 66.6 100.0





#65

Chlorobenzene

Concen: 20.05 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

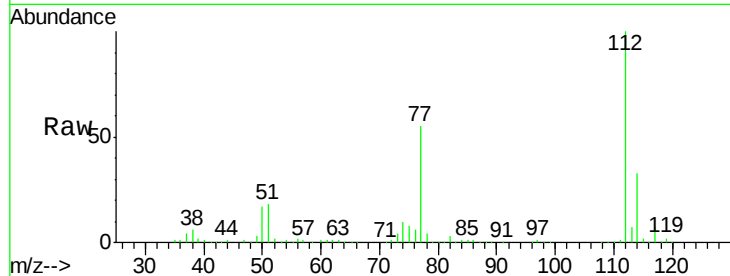
ClientSampled :

Tot Ion:112 Resp: 165270

Ion Ratio Lower Upper

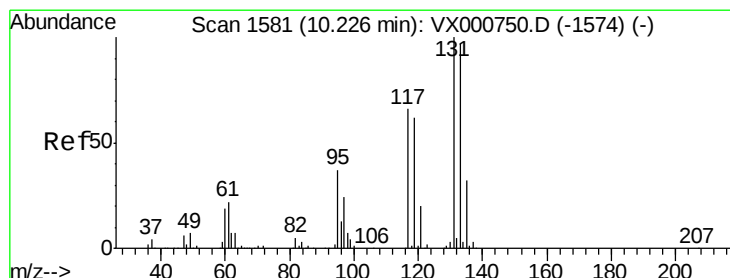
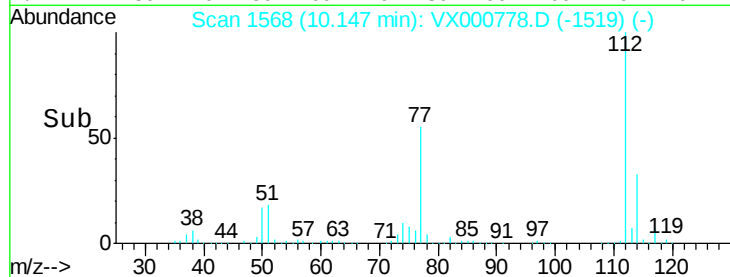
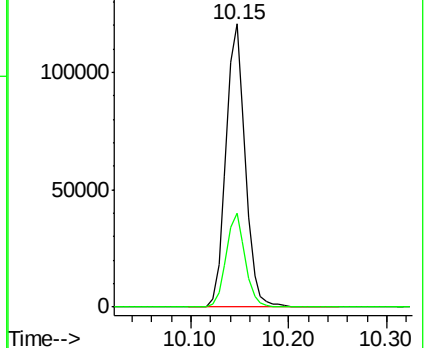
112 100

114 33.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

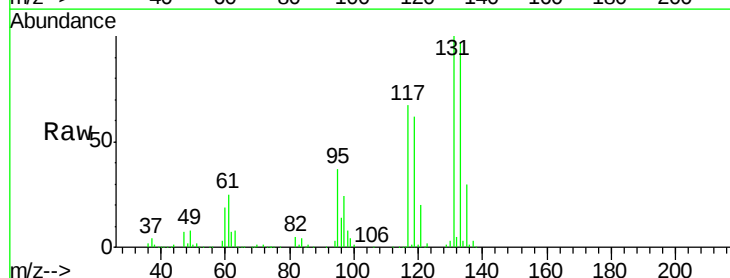
Tgt Ion:131 Resp: 62061

Ion Ratio Lower Upper

131 100

133 96.2 48.3 144.9

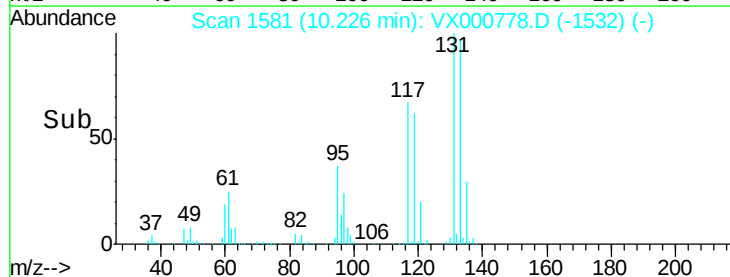
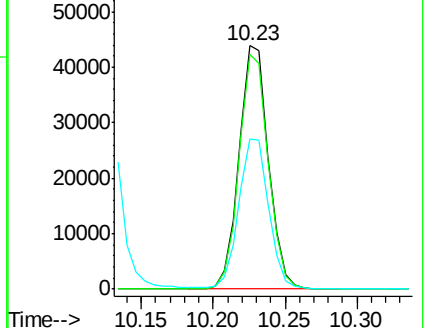
119 63.1 31.4 94.0

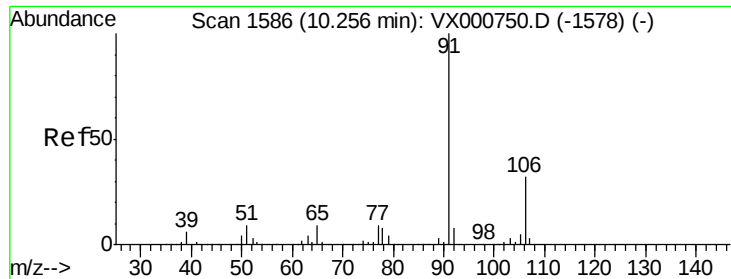


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

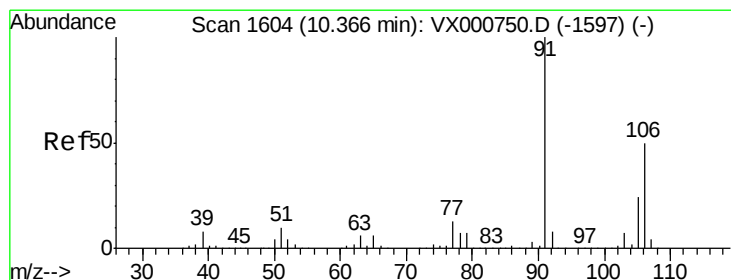
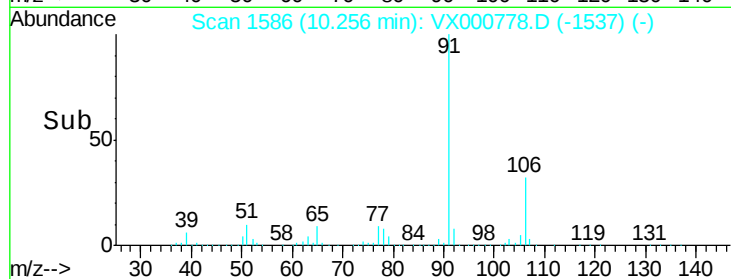
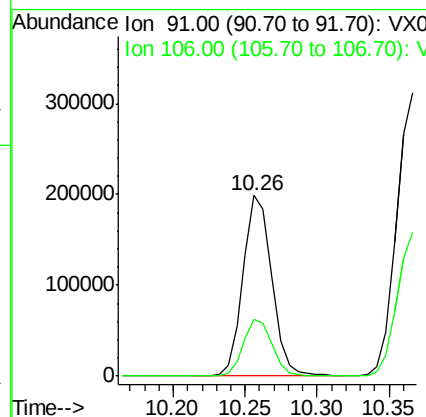
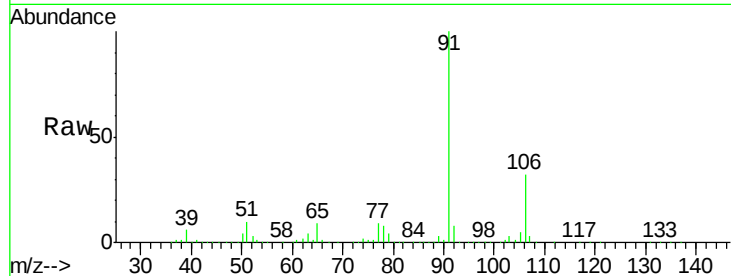




#67
Ethyl Benzene
Concen: 20.18 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

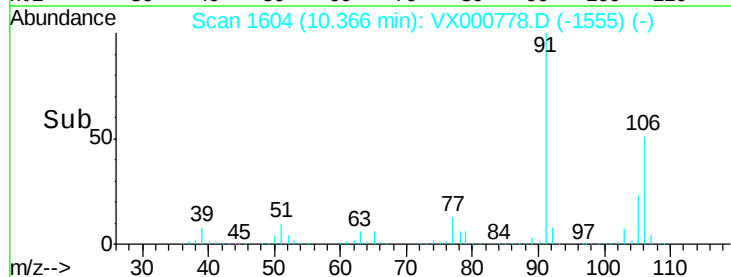
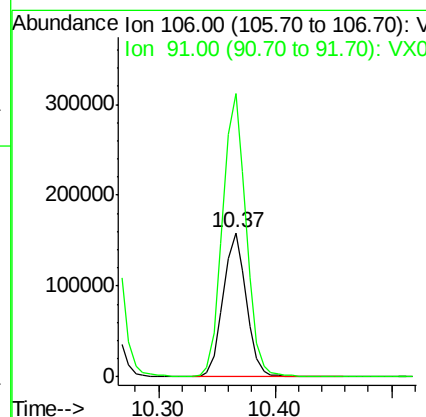
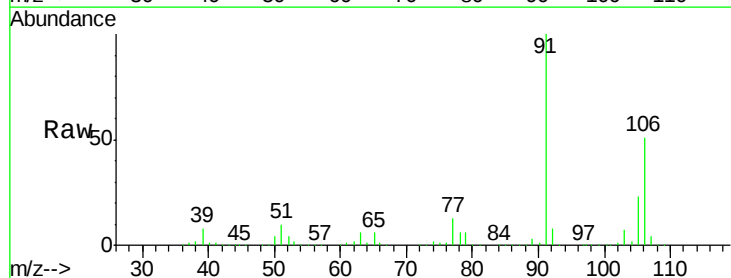
Instrument :
MSVOA_X
ClientSampleId :

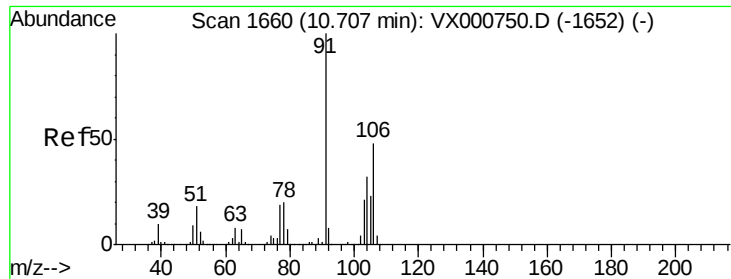
Tot Ion: 91 Resp: 277401
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 39.98 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 106 Resp: 216849
Ion Ratio Lower Upper
106 100
91 200.3 159.3 238.9

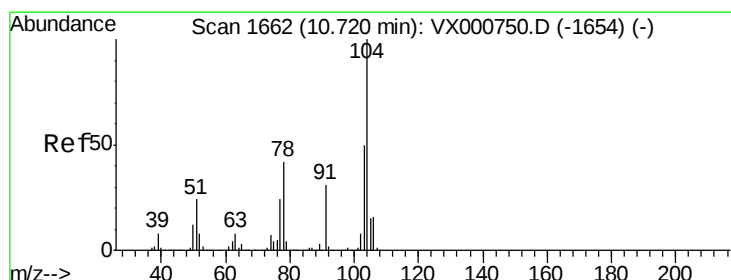
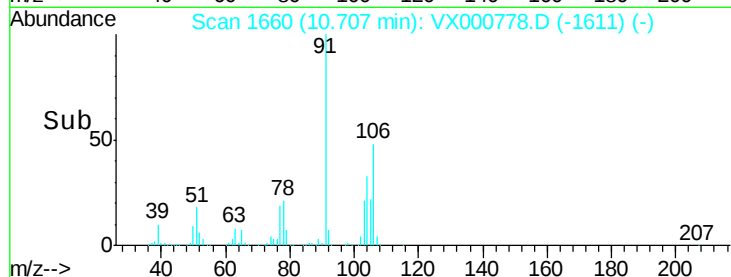
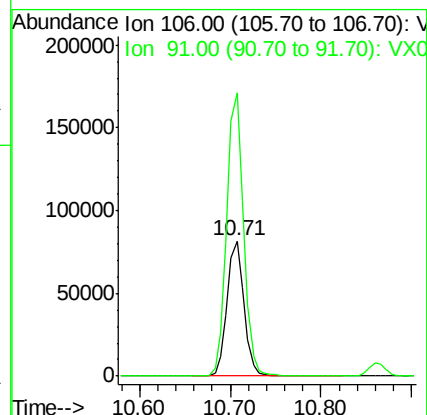
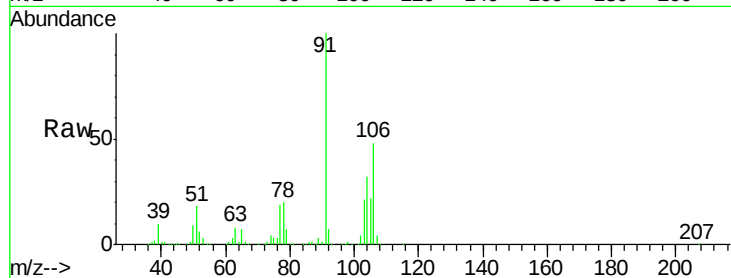




#69
o-Xylene
Concen: 20.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

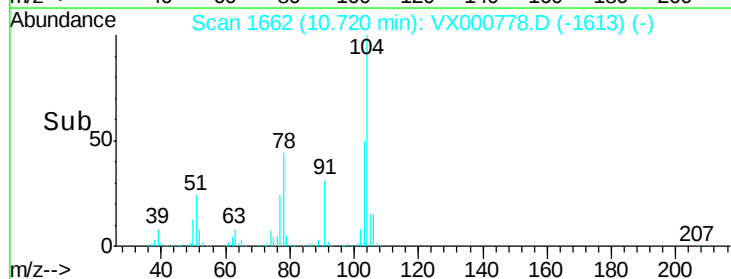
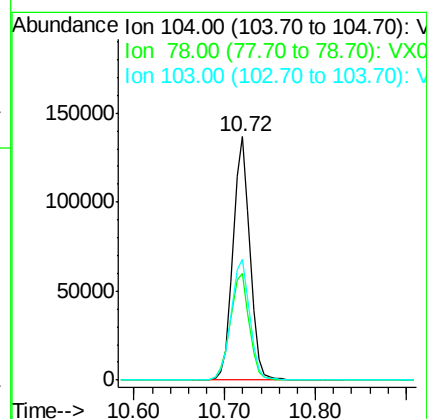
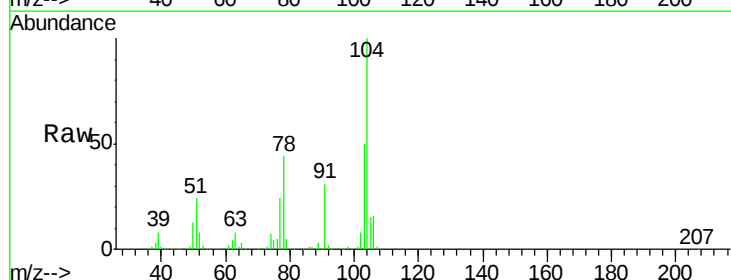
Instrument :
MSVOA_X
ClientSampleId :

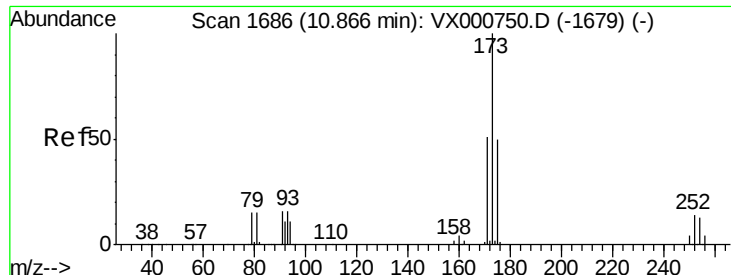
Tot Ion:106 Resp: 106606
Ion Ratio Lower Upper
106 100
91 208.8 105.0 315.0



#70
Styrene
Concen: 20.07 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion:104 Resp: 176885
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 55.3 44.1 66.1

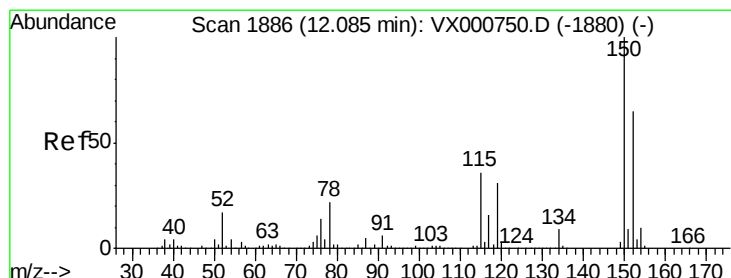
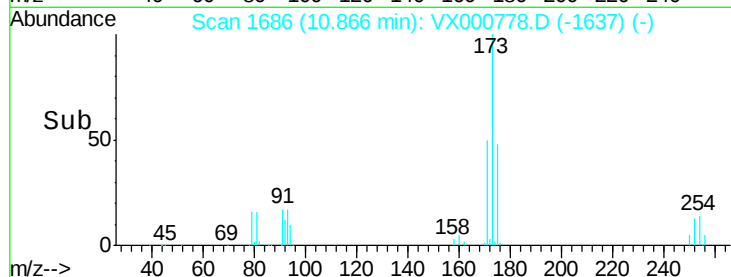
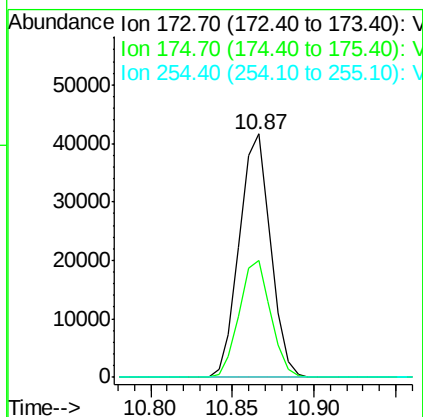
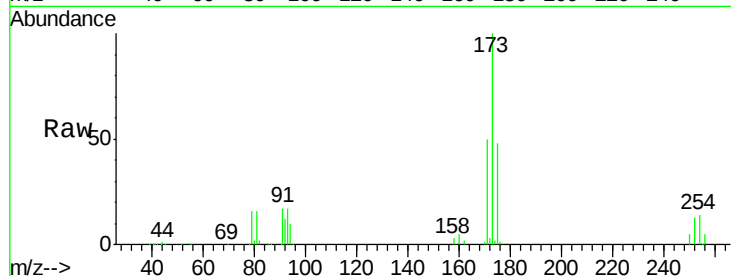




#71
Bromoform
Concen: 19.43 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

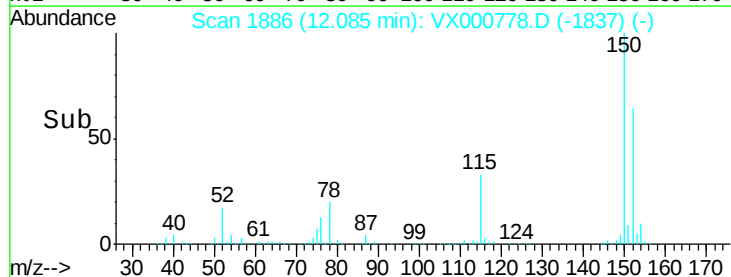
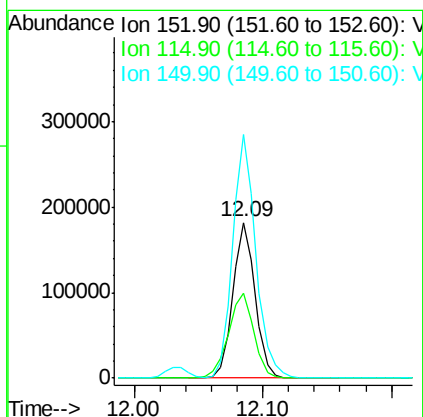
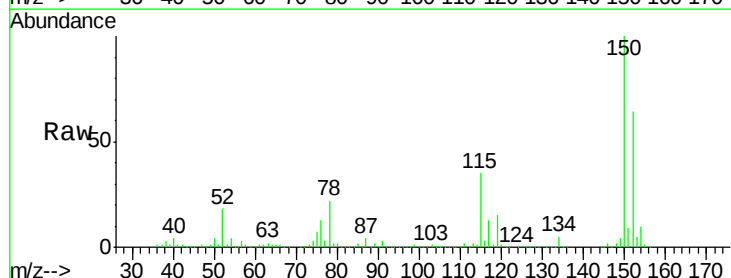
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 55810
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion:152 Resp: 218353
Ion Ratio Lower Upper
152 100
115 62.6 37.9 113.7
150 163.4 0.0 348.0





#73

Isopropylbenzene

Concen: 20.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

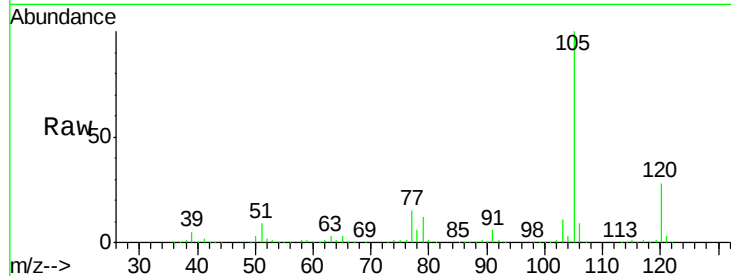
ClientSampled :

Tot Ion:105 Resp: 284602

Ion Ratio Lower Upper

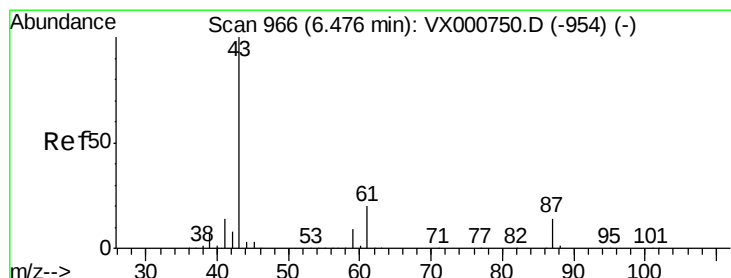
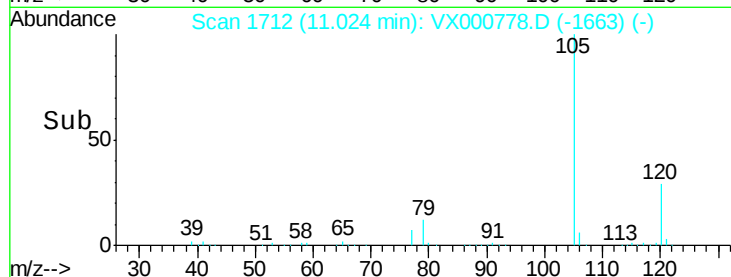
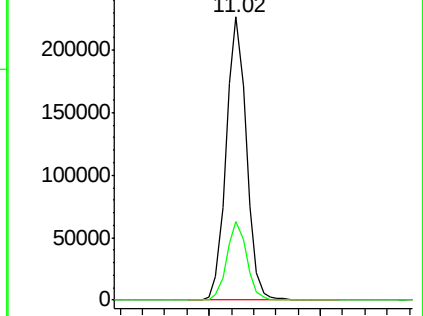
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion: 43 Resp: 131702

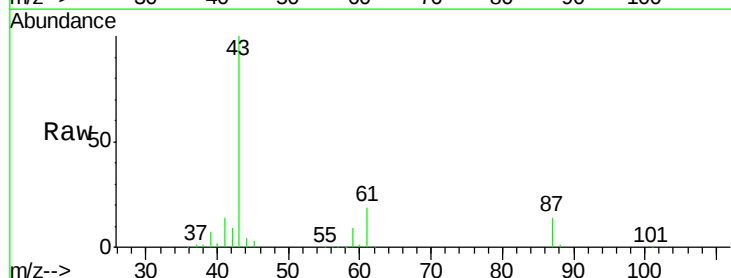
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.4 15.6 23.4

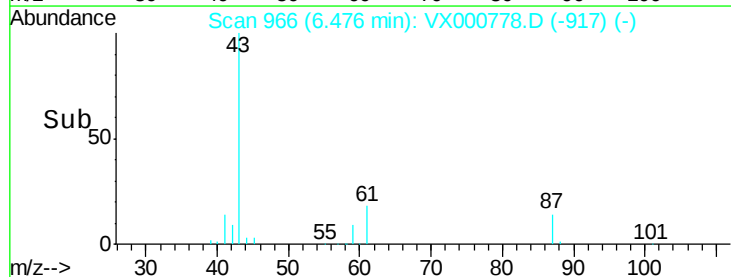
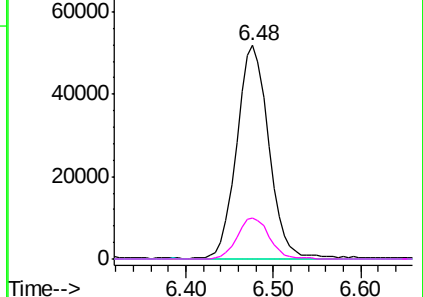


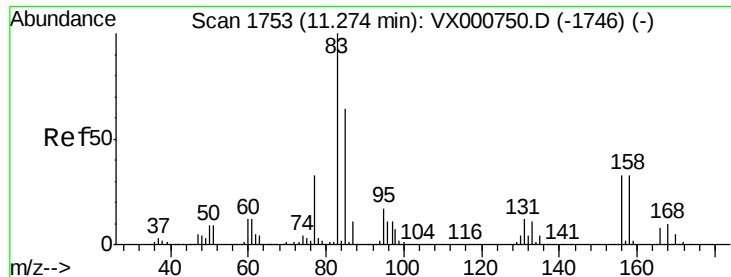
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.82 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

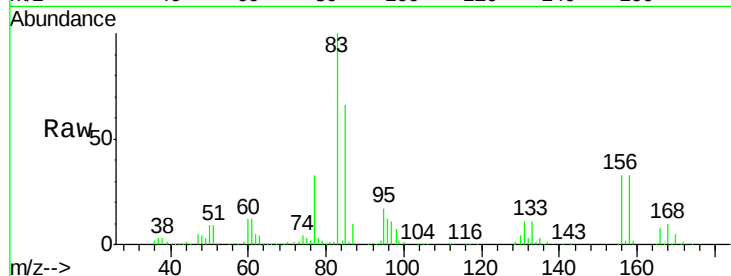
Tot Ion: 83 Resp: 83680

Ion Ratio Lower Upper

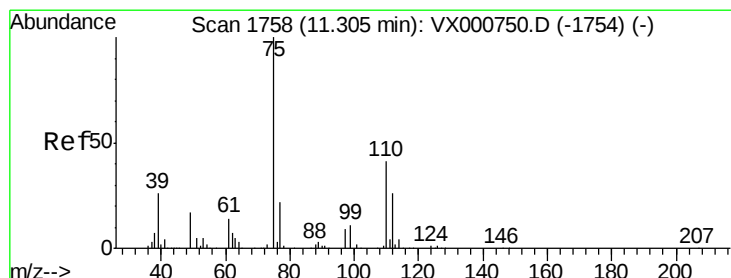
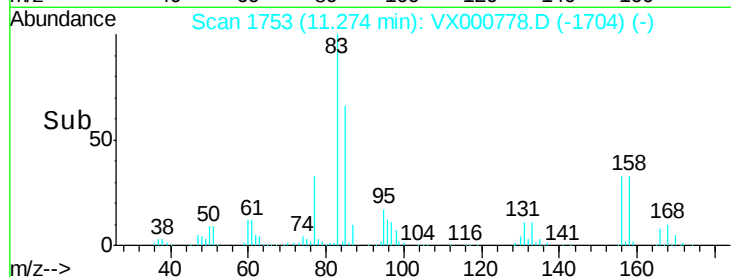
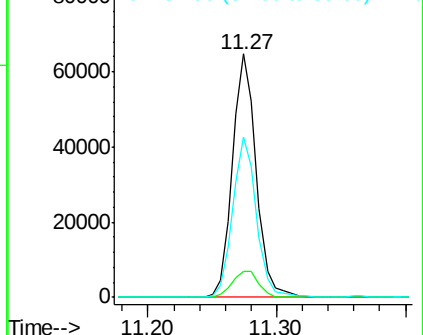
83 100

131 12.0 6.0 18.0

85 65.8 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 25.86 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000778.D

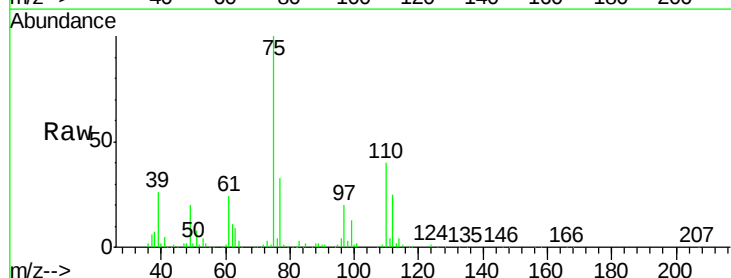
Acq: 11 Apr 2018 15:05

Tgt Ion: 75 Resp: 97385

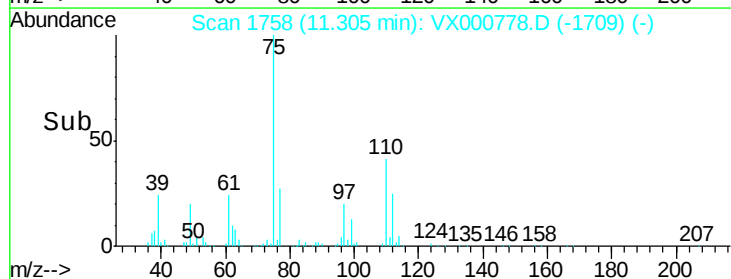
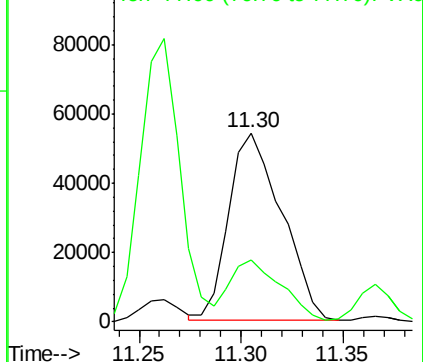
Ion Ratio Lower Upper

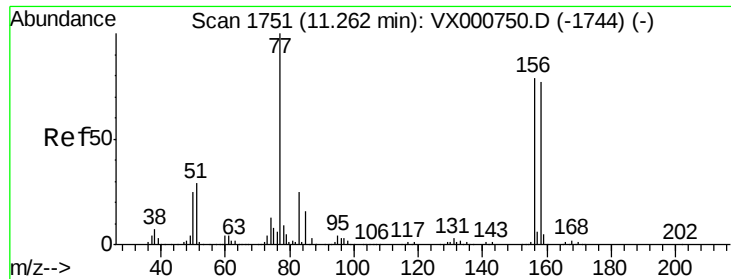
75 100

77 32.1 20.5 61.5



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





#77

Bromobenzene

Concen: 20.31 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

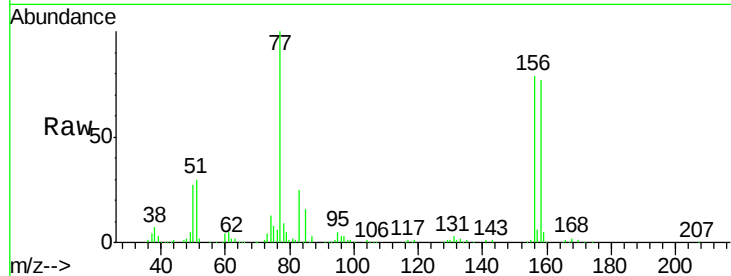
Tot Ion:156 Resp: 82431

Ion Ratio Lower Upper

156 100

77 133.7 66.0 198.2

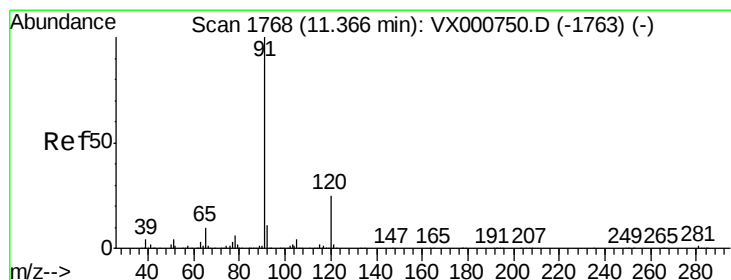
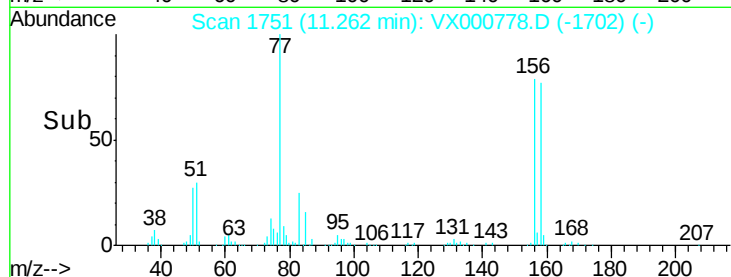
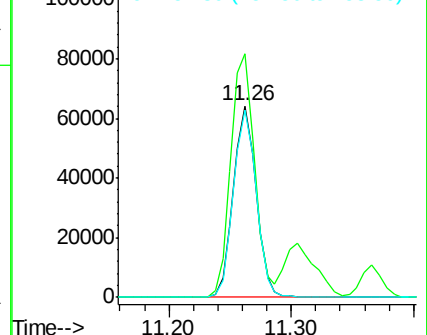
158 98.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000778.D

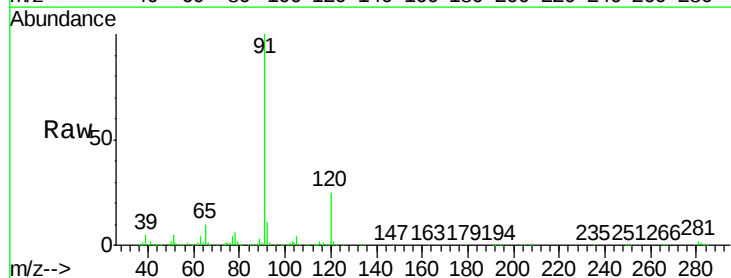
Acq: 11 Apr 2018 15:05

Tgt Ion: 91 Resp: 321355

Ion Ratio Lower Upper

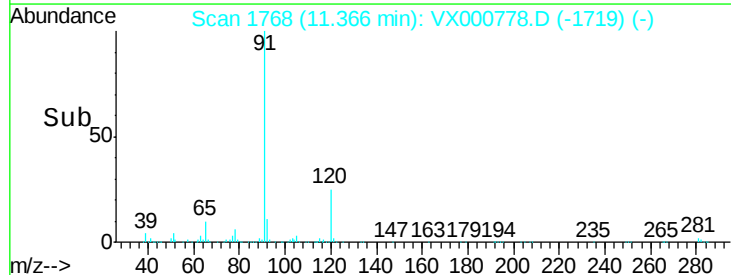
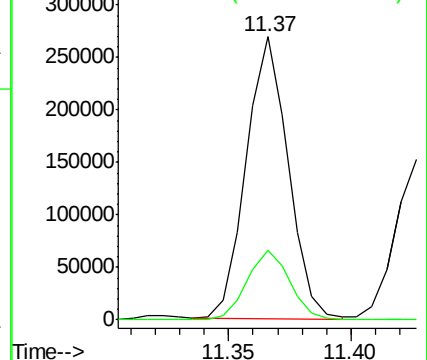
91 100

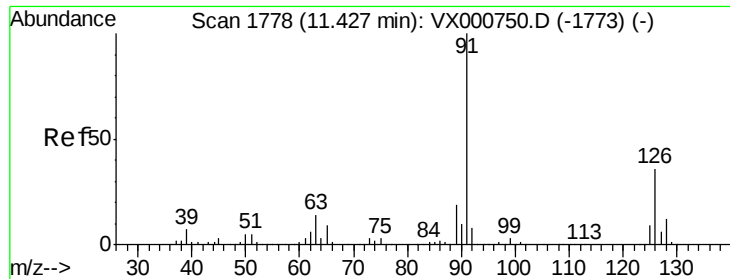
120 25.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

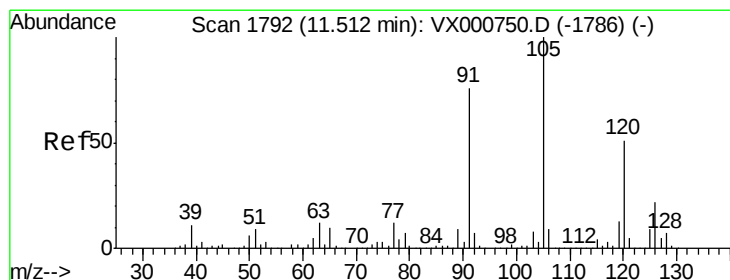
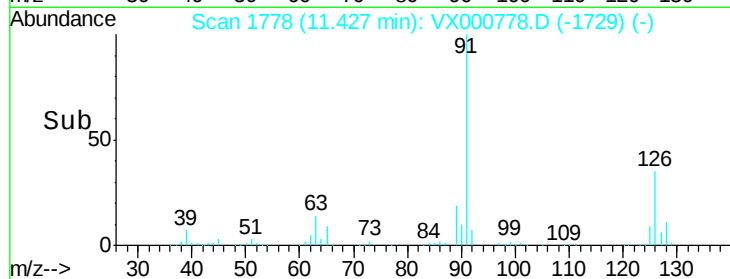
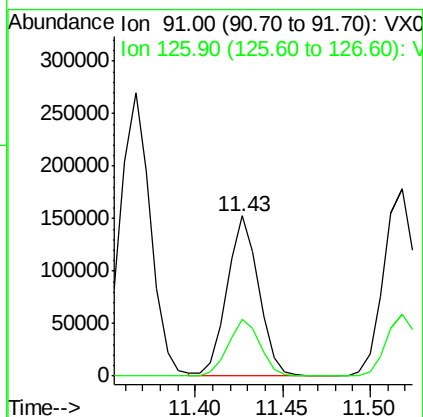
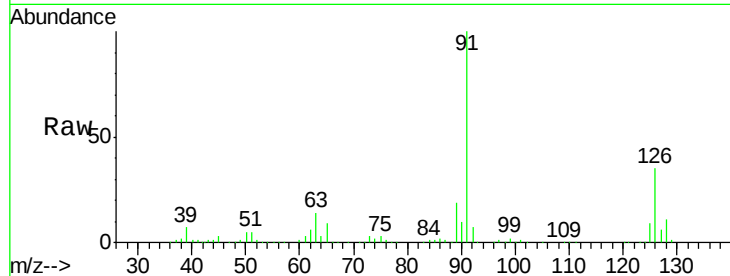




#79
 2-Chlorotoluene
 Concen: 20.41 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

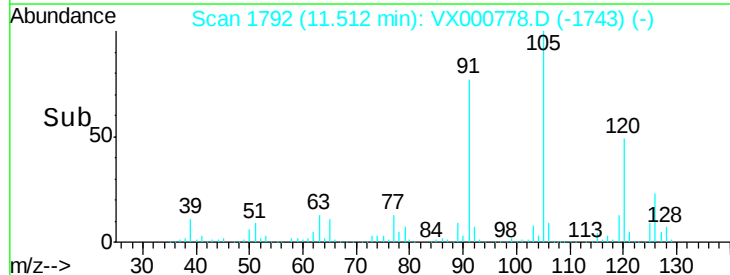
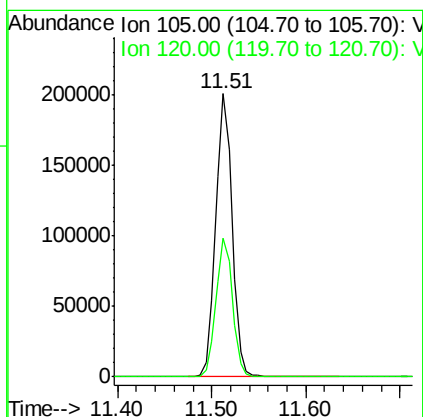
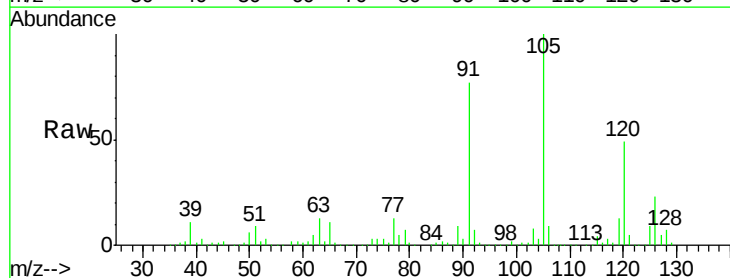
Instrument :
 MSVOA_X
 ClientSampleId :

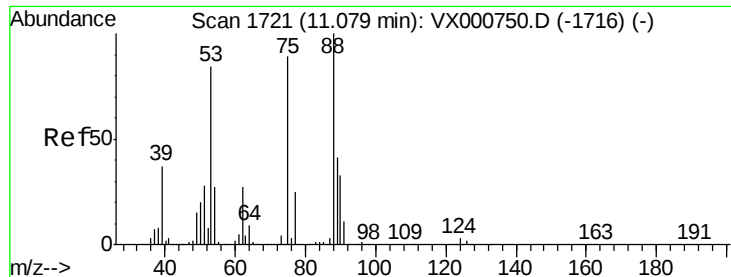
Tot Ion: 91 Resp: 191085
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.38 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion: 105 Resp: 242733
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.68 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

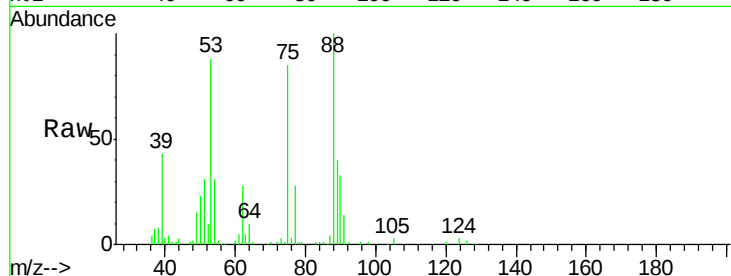
Tot Ion: 75 Resp: 24202

Ion Ratio Lower Upper

75 100

53 100.7 75.4 113.0

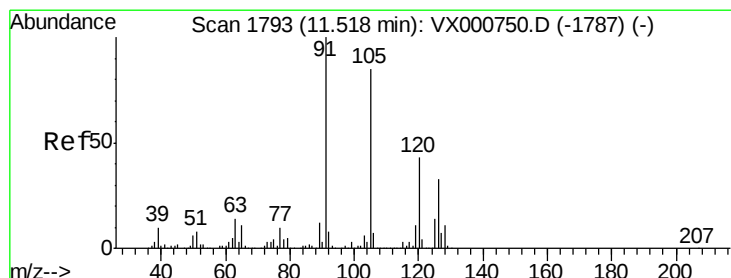
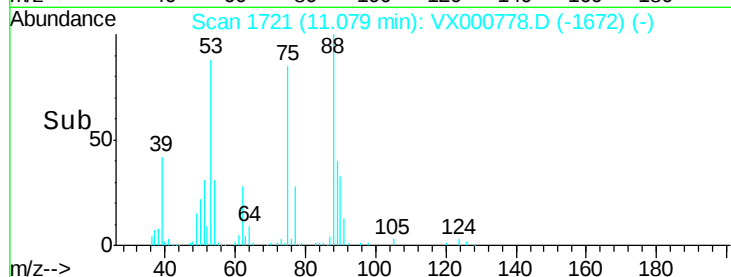
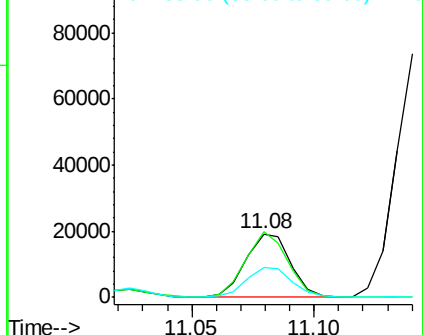
89 49.6 40.9 61.3



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: 20.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000778.D

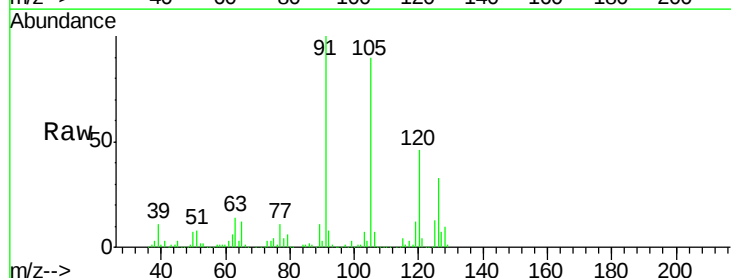
Acq: 11 Apr 2018 15:05

Tgt Ion: 91 Resp: 228721

Ion Ratio Lower Upper

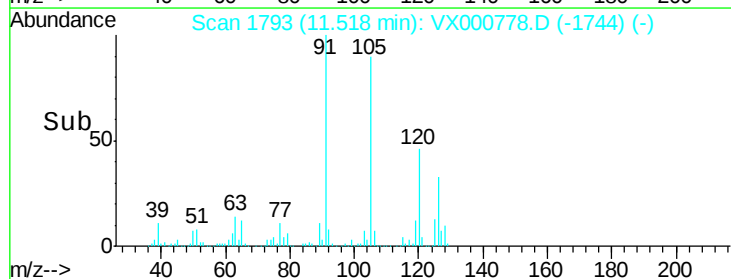
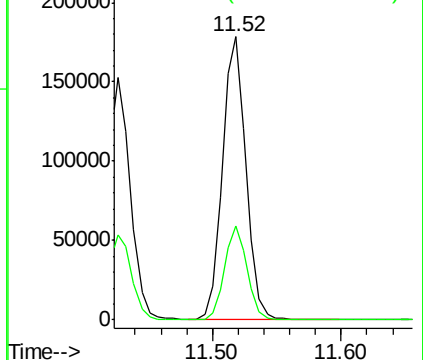
91 100

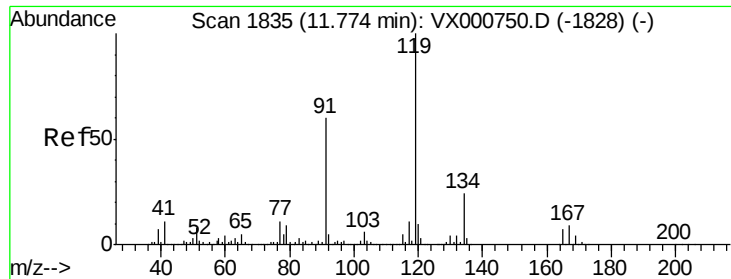
126 32.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

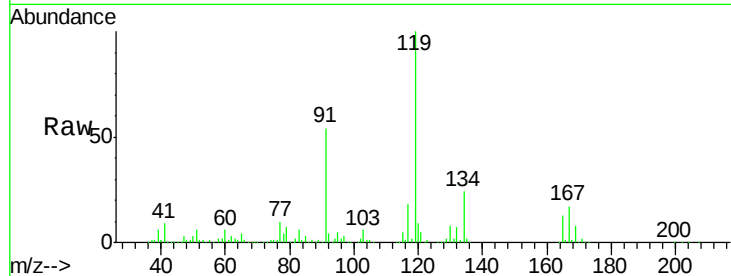




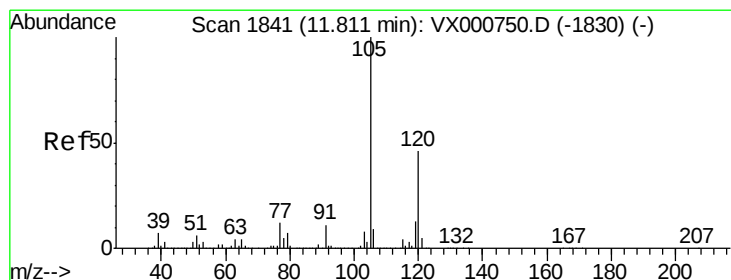
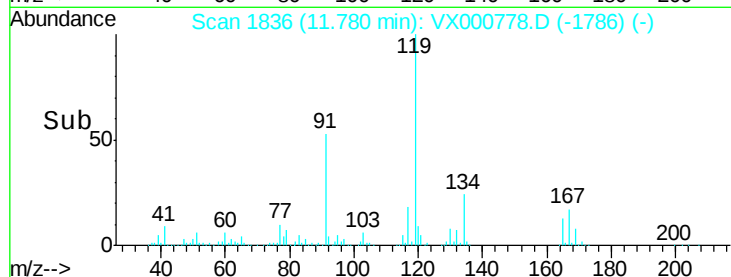
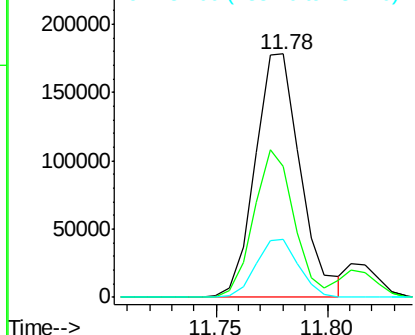
#83
tert-Butylbenzene
Concen: 20.72 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 252580
Ion Ratio Lower Upper
119 100
91 54.1 26.8 80.3
134 22.7 11.5 34.4

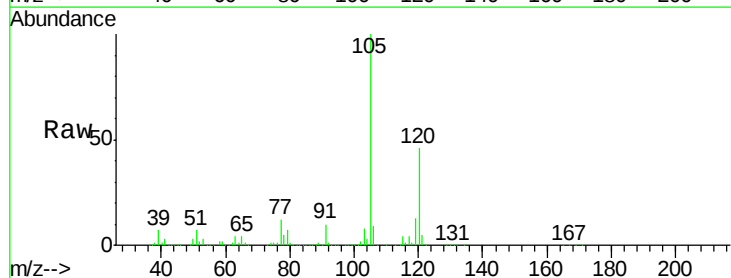


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

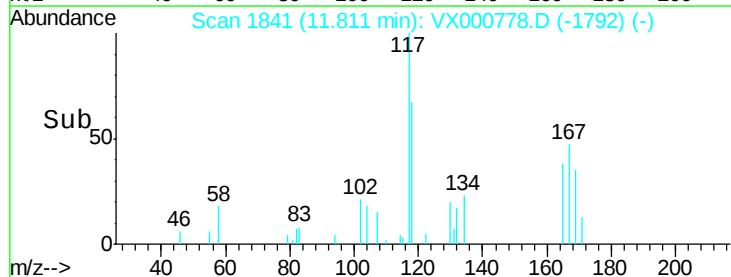
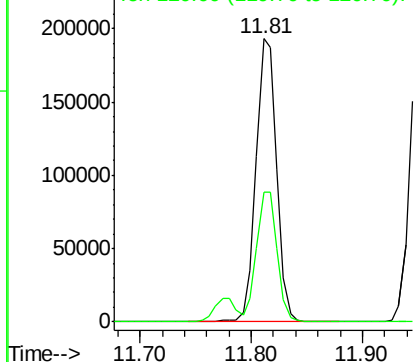


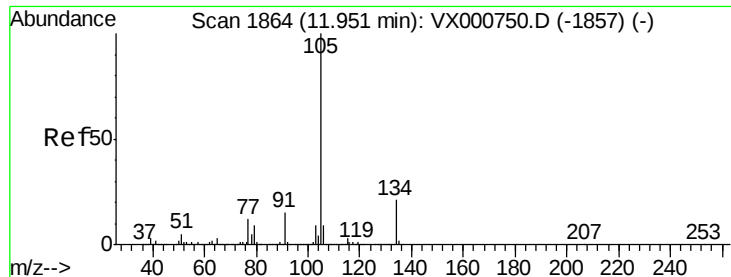
#84
1,2,4-Trimethylbenzene
Concen: 20.32 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion:105 Resp: 249871
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3



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





#85

sec-Butylbenzene

Concen: 20.33 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

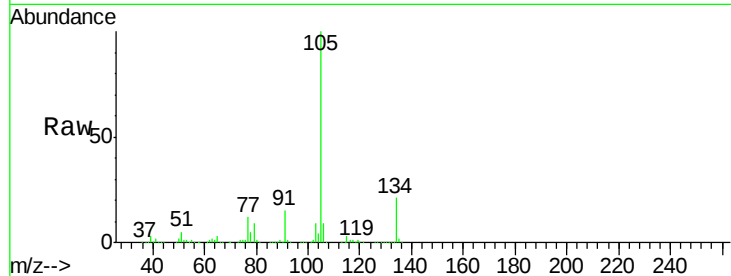
ClientSampleId :

Tot Ion:105 Resp: 292272

Ion Ratio Lower Upper

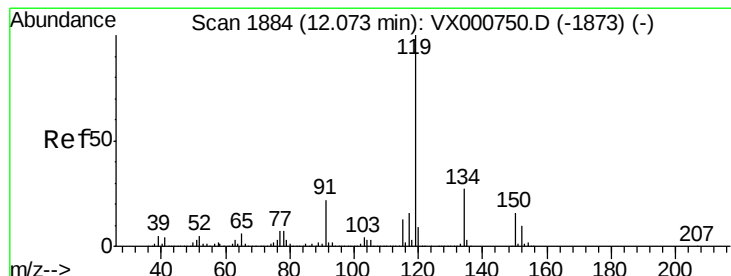
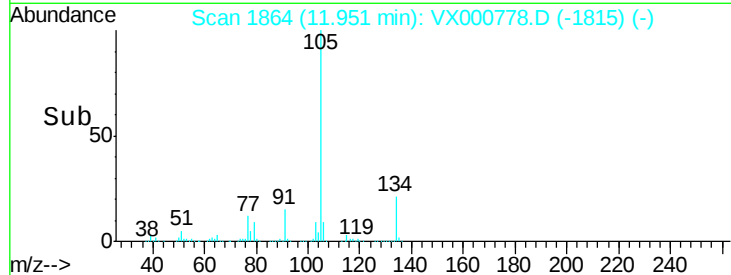
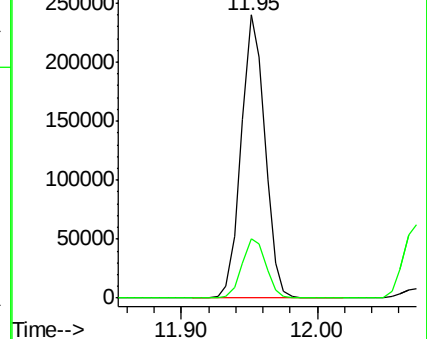
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.13 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

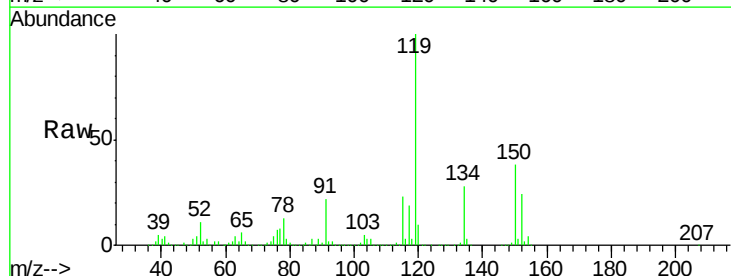
Tgt Ion:119 Resp: 269922

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

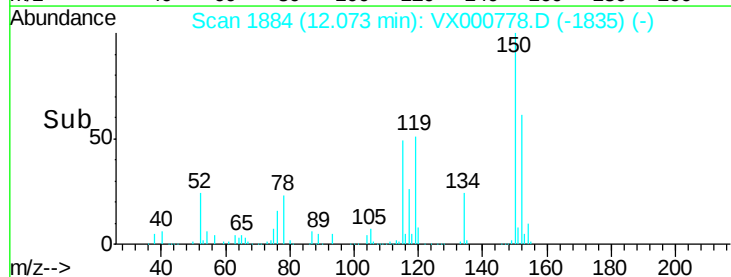
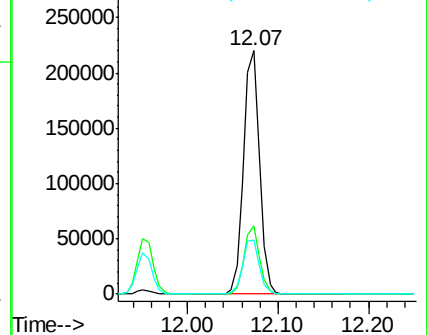
91 22.9 11.2 33.5

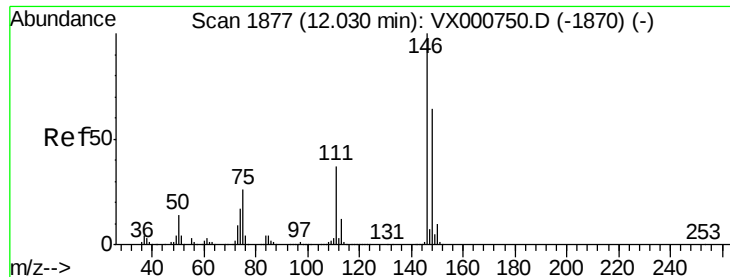


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

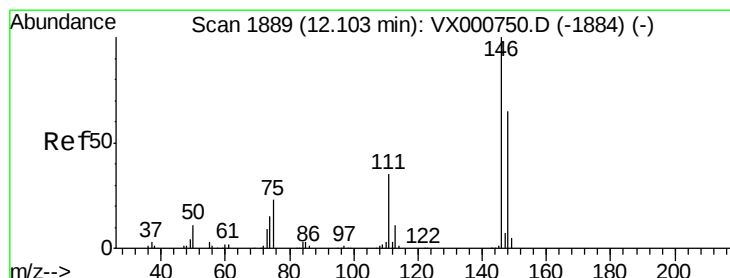
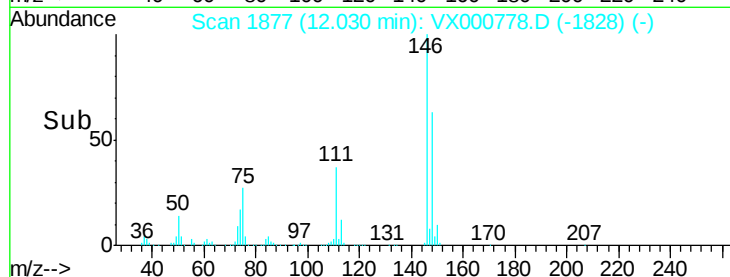
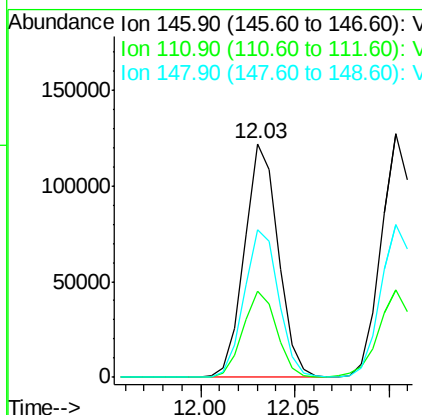
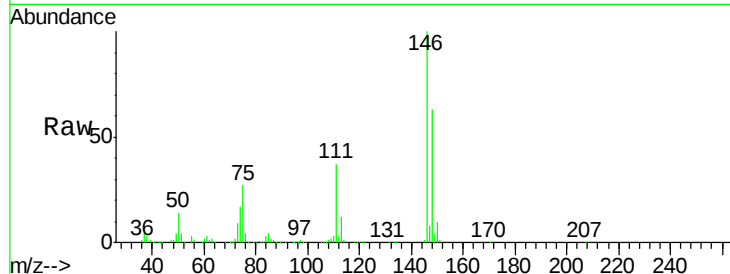




#87
 1,3-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

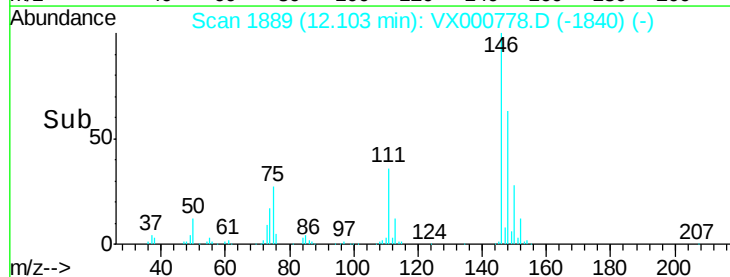
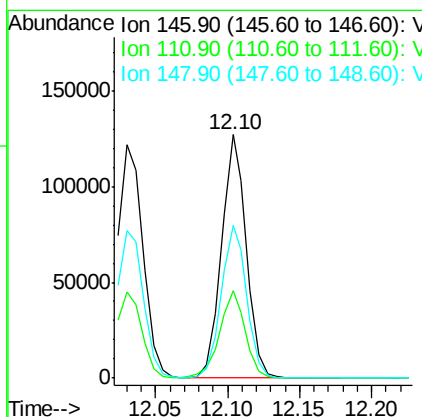
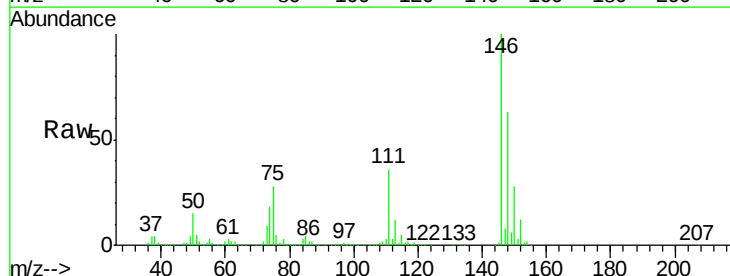
Instrument :
 MSVOA_X
 ClientSampleId :

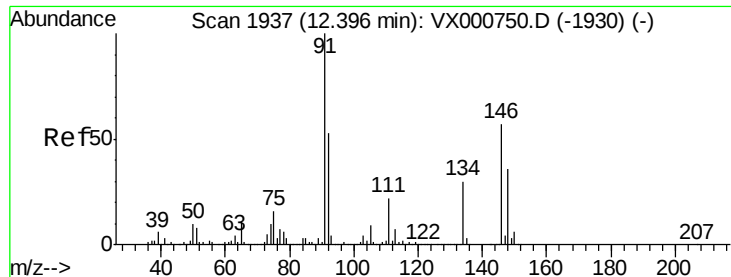
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.3	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	17.9	53.8
148	64.7	32.6	97.7





#89

n-Butylbenzene

Concen: 19.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

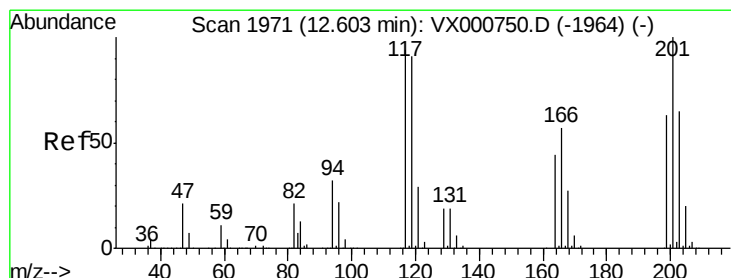
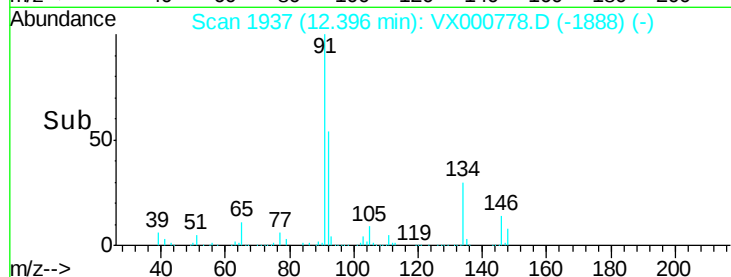
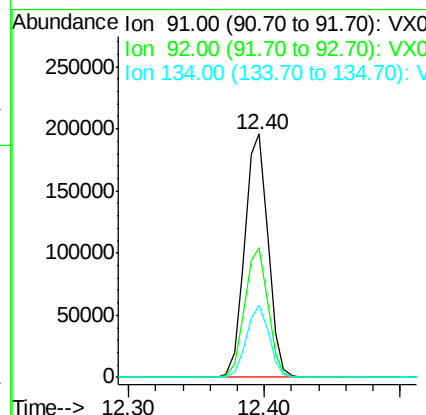
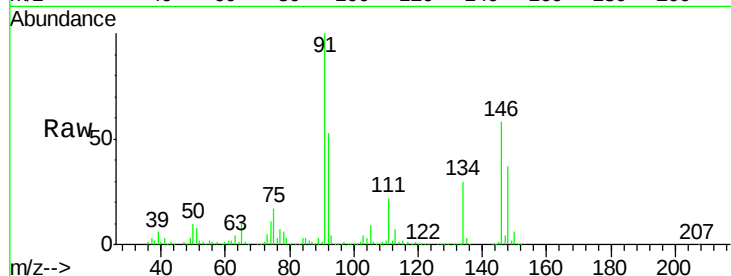
Tot Ion: 91 Resp: 234161

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 29.0 14.5 43.5



#90

Hexachloroethane

Concen: 18.50 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000778.D

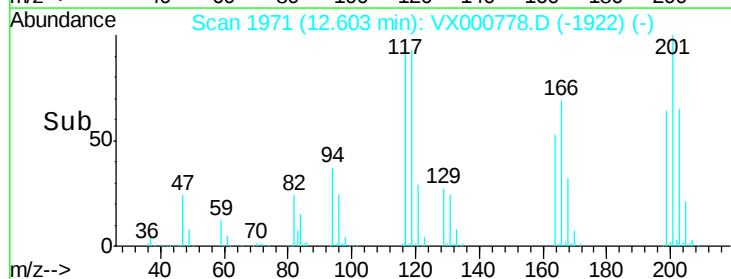
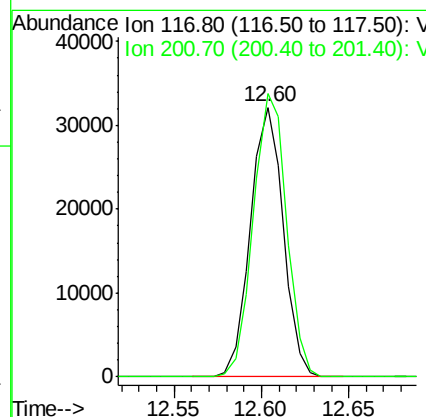
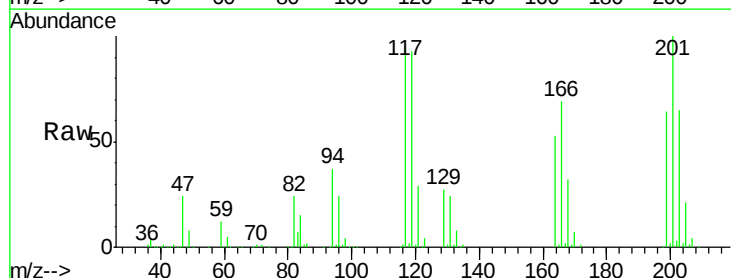
Acq: 11 Apr 2018 15:05

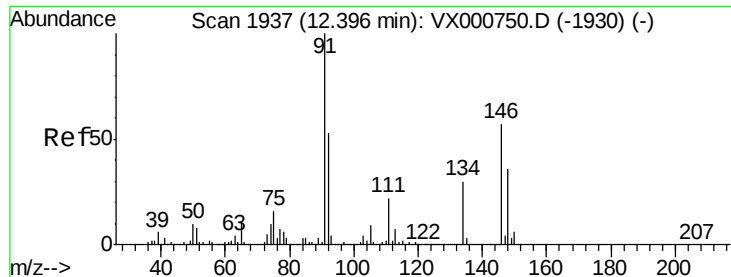
Tgt Ion: 117 Resp: 41976

Ion Ratio Lower Upper

117 100

201 106.4 52.9 158.7

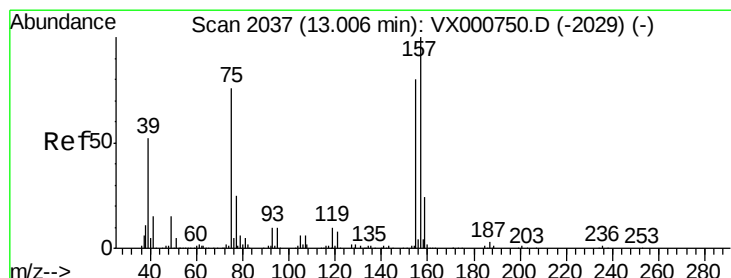
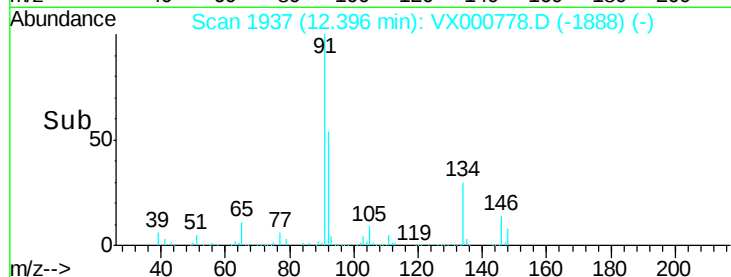
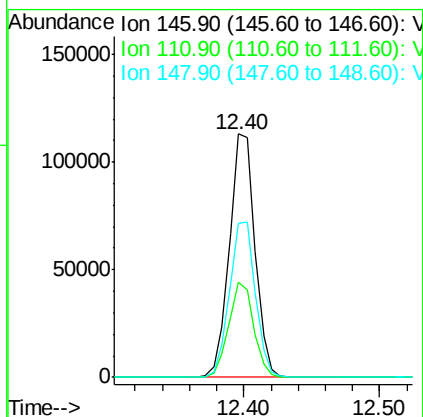
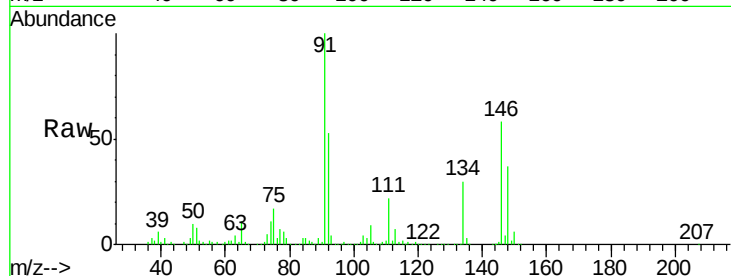




#91
1,2-Dichlorobenzene
Concen: 20.39 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

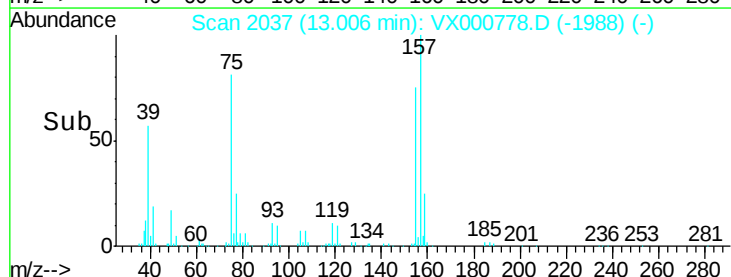
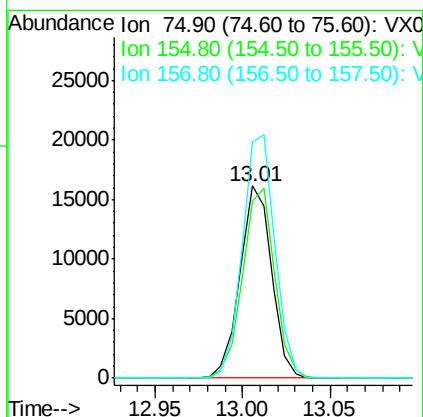
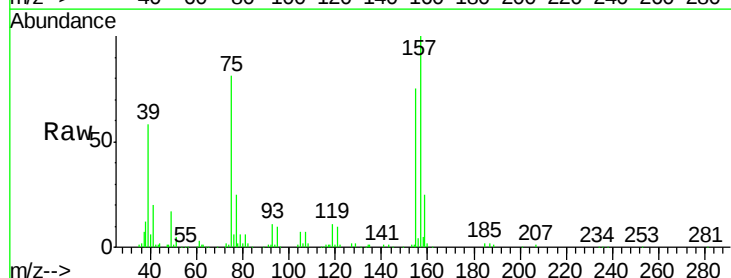
Instrument :
MSVOA_X
ClientSampleId :

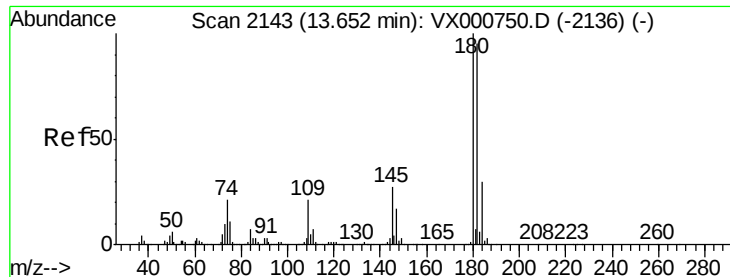
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.6	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.17 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	51.9	155.8
157	129.5	66.6	199.8

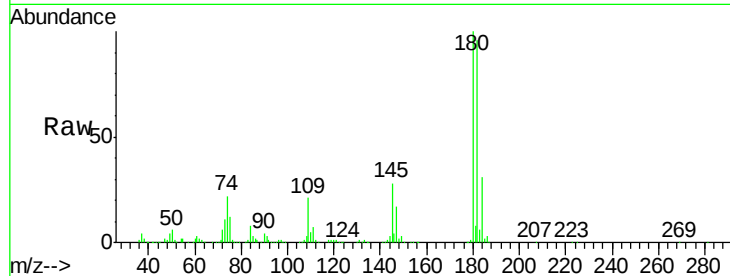




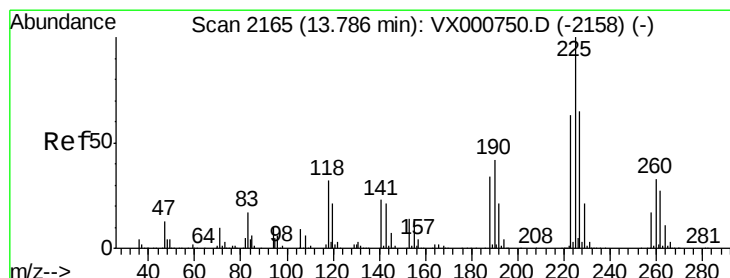
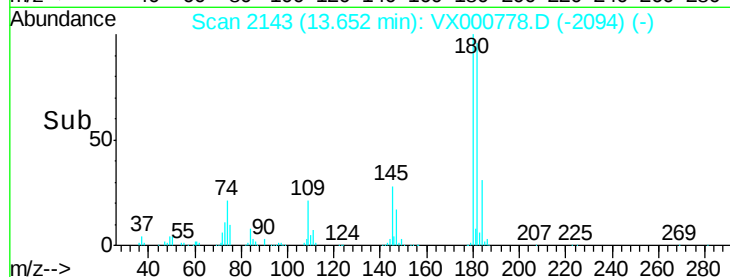
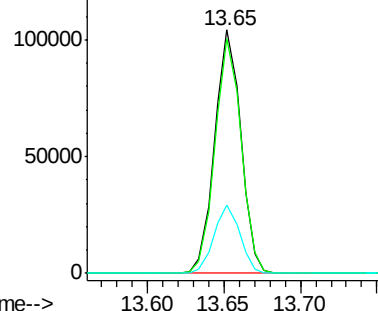
#93
 1,2,4-Trichlorobenzene
 Concen: 19.93 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.5
145	28.0	13.8	41.4

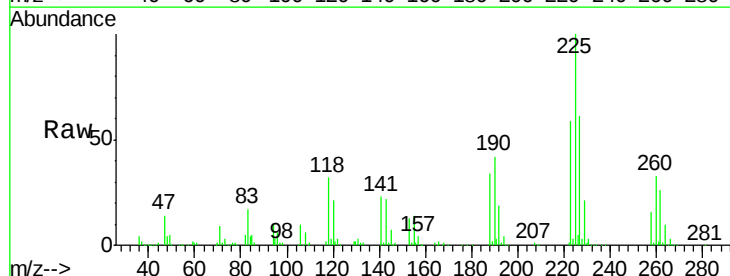


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

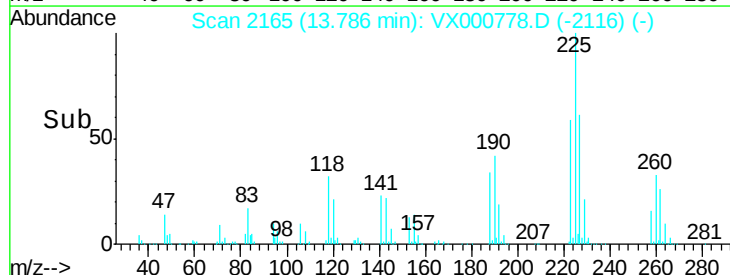
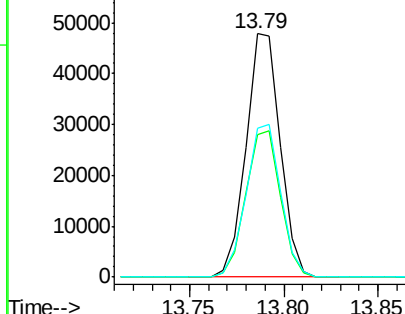


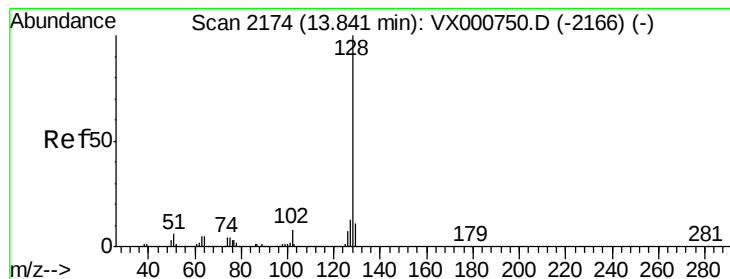
#94
 Hexachlorobutadiene
 Concen: 19.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.2	93.6
227	63.3	32.3	96.9



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





#95

Naphthalene

Concen: 21.00 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

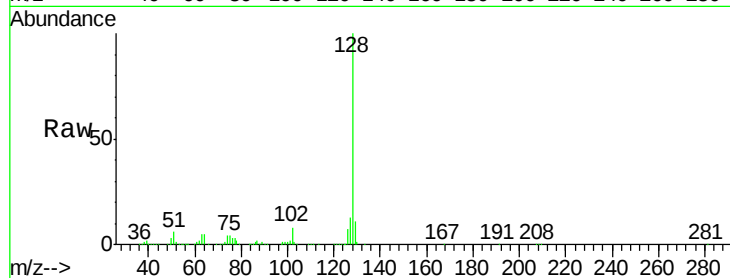
Tot Ion:128 Resp: 333577

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

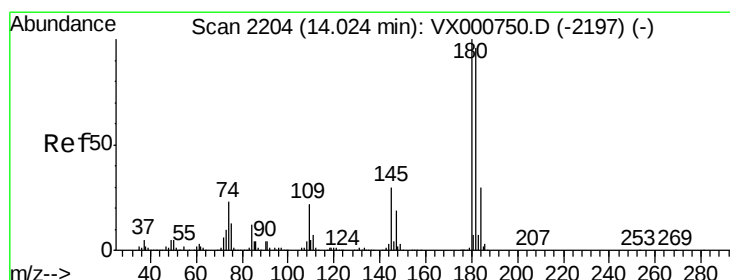
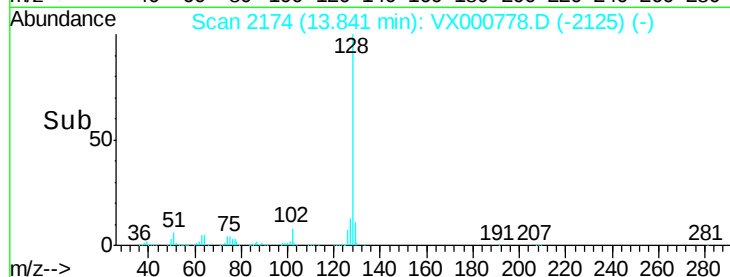
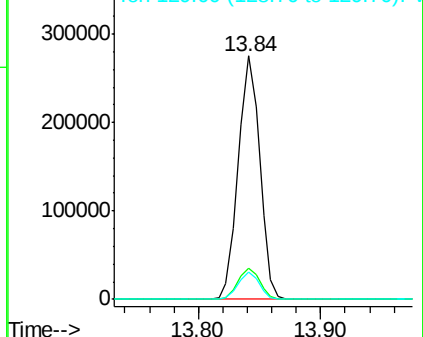
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.38 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

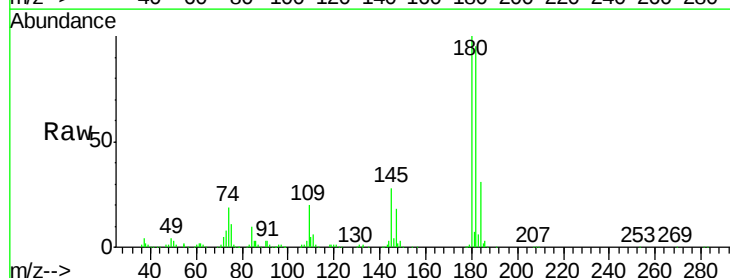
Tgt Ion:180 Resp: 122501

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.2

145 28.9 14.6 43.8



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

