

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001168.D
 Acq On : 27 Apr 2018 14:11
 Operator : JC/MD
 Sample : VX0427WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

Quant Time: Apr 28 03:05:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199968	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146297	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	
35) Dibromofluoromethane	5.51	113	116153	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	8.72	98	445195	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.14	95	172645	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	47920	19.534	ug/l 98
3) Chloromethane	1.32	50	45672	17.777	ug/l 100
4) Vinyl Chloride	1.40	62	50776	18.627	ug/l 99
5) Bromomethane	1.64	94	37724	21.341	ug/l 100
6) Chloroethane	1.73	64	31793	18.530	ug/l 97
7) Trichlorofluoromethane	1.93	101	88013	19.993	ug/l 98
8) Diethyl Ether	2.19	74	30615	18.087	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50509	20.824	ug/l 99
10) Methyl Iodide	2.51	142	31489	17.918	ug/l 99
11) Tert butyl alcohol	3.07	59	58959	82.453	ug/l 98
12) 1,1-Dichloroethene	2.38	96	45047	19.043	ug/l 97
13) Acrolein	2.30	56	17622	65.189	ug/l 95
14) Allyl chloride	2.73	41	81100	18.794	ug/l 98
15) Acrylonitrile	3.15	53	127649	83.596	ug/l 100
16) Acetone	2.45	43	131147	87.951	ug/l 99
17) Carbon Disulfide	2.57	76	109215	18.095	ug/l 100
18) Methyl Acetate	2.78	43	65110	17.450	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	158423	18.193	ug/l 99
20) Methylene Chloride	2.86	84	49799	17.932	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	48115	18.400	ug/l 99
22) Diisopropyl ether	3.88	45	152992	17.719	ug/l 97
23) Vinyl Acetate	3.83	43	652298	89.053	ug/l 99
24) 1,1-Dichloroethane	3.70	63	81967	18.063	ug/l 97
25) 2-Butanone	4.71	43	184086	82.508	ug/l 99
26) 2,2-Dichloropropane	4.59	77	65896	18.449	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	53218	18.587	ug/l 100
28) Bromochloromethane	5.03	49	38915	19.126	ug/l 98
29) Tetrahydrofuran	5.17	42	115179	80.291	ug/l 100
30) Chloroform	5.22	83	89901	18.630	ug/l 98
31) Cyclohexane	5.58	56	76332	19.799	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	78274	18.790	ug/l 99
36) 1,1-Dichloropropene	5.81	75	67462	20.042	ug/l 100
37) Ethyl Acetate	4.87	43	69858	17.330	ug/l 99
38) Carbon Tetrachloride	5.79	117	68229	19.768	ug/l 96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

Quant Time: Apr 28 03:05:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79360	21.303	ug/l	96
40) Benzene	6.15	78	196711	20.202	ug/l	97
41) Methacrylonitrile	5.07	41	40313	17.798	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76538	19.506	ug/l	99
43) Isopropyl Acetate	6.48	43	113666	17.955	ug/l	99
44) Trichloroethene	7.22	130	58839	20.283	ug/l	98
45) 1,2-Dichloropropane	7.53	63	50045	19.541	ug/l	99
46) Dibromomethane	7.67	93	35297	19.903	ug/l	99
47) Bromodichloromethane	7.90	83	62566	19.417	ug/l	98
48) Methyl methacrylate	7.79	41	60389	17.946	ug/l	99
49) 1,4-Dioxane	7.76	88	22672	336.525	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	377845	90.861	ug/l	97
52) Toluene	8.79	92	130363	20.473	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	74072	19.774	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	67827	18.802	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	52458	19.472	ug/l	99
56) Ethyl methacrylate	9.19	69	73828	18.496	ug/l	98
57) 1,3-Dichloropropane	9.38	76	86324	19.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	175239	92.866	ug/l	100
59) 2-Hexanone	9.50	43	289999	89.004	ug/l	99
60) Dibromochloromethane	9.59	129	52843	19.014	ug/l	98
61) 1,2-Dibromoethane	9.68	107	55832	19.782	ug/l	100
64) Tetrachloroethene	9.34	164	66133	21.165	ug/l	99
65) Chlorobenzene	10.15	112	152432	19.875	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	52594	19.820	ug/l	98
67) Ethyl Benzene	10.26	91	255204	20.480	ug/l	100
68) m/p-Xylenes	10.37	106	198542	40.302	ug/l	97
69) o-Xylene	10.71	106	97437	20.392	ug/l	100
70) Styrene	10.72	104	158963	19.990	ug/l	99
71) Bromoform	10.86	173	41127	18.227	ug/l #	99
73) Isopropylbenzene	11.02	105	260648	19.998	ug/l	100
74) N-amyl acetate	6.48	43	113666	17.307	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	77300	17.875	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83507	20.508	ug/l	93
77) Bromobenzene	11.26	156	75533	19.543	ug/l	98
78) n-propylbenzene	11.37	91	301124	20.719	ug/l	100
79) 2-Chlorotoluene	11.43	91	177198	19.669	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	223073	20.215	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16452	16.679	ug/l	88
82) 4-Chlorotoluene	11.52	91	213335	19.922	ug/l	100
83) tert-Butylbenzene	11.77	119	213931	19.426	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	231689	20.427	ug/l	100
85) sec-Butylbenzene	11.95	105	265469	20.636	ug/l	100
86) p-Isopropyltoluene	12.07	119	242346	20.251	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	138895	20.017	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141433	19.563	ug/l	98
89) n-Butylbenzene	12.39	91	209447	20.222	ug/l	98
90) Hexachloroethane	12.60	117	32767	19.199	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	136735	19.497	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16033	16.800	ug/l	99

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Instrument :
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ClientSampleId :
VX0427WBS01

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Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

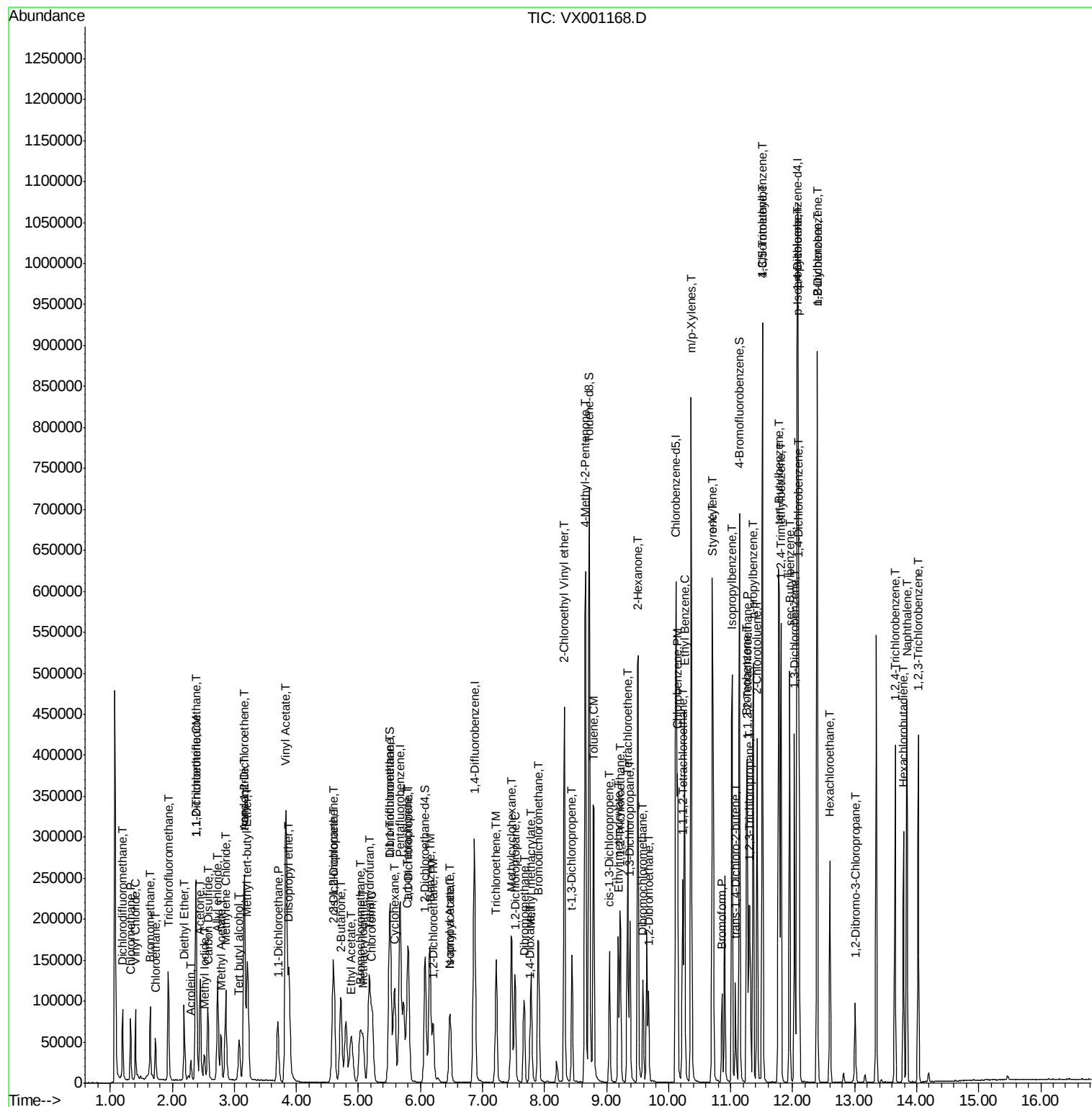
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104462	19.001	ug/l	99
94) Hexachlorobutadiene	13.79	225	48523	18.776	ug/l	99
95) Naphthalene	13.84	128	279726	18.261	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104782	19.152	ug/l	99

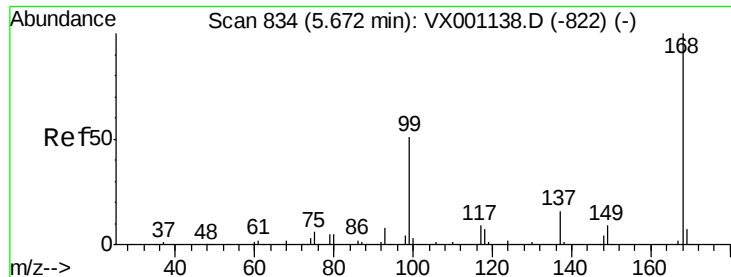
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
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Instrument :
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 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

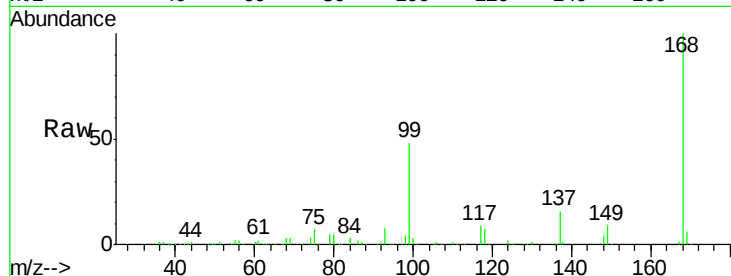
VX0427WBS01

Tgt Ion:168 Resp: 233922

Ion Ratio Lower Upper

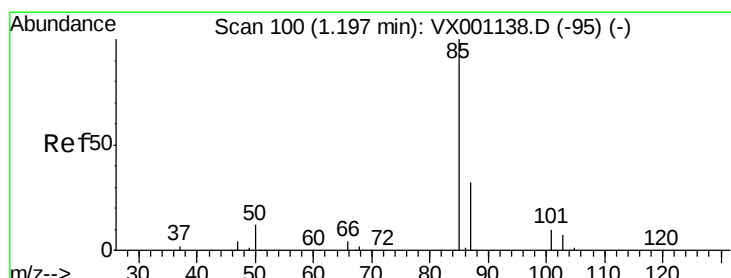
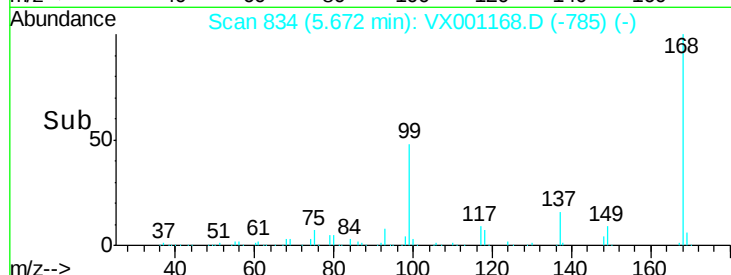
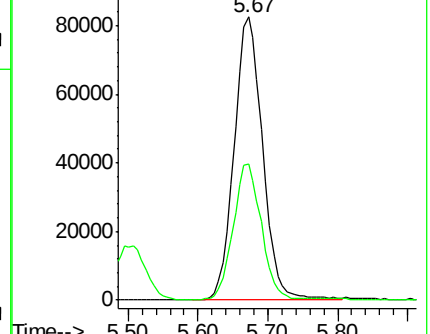
168 100

99 48.2 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.534 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001168.D

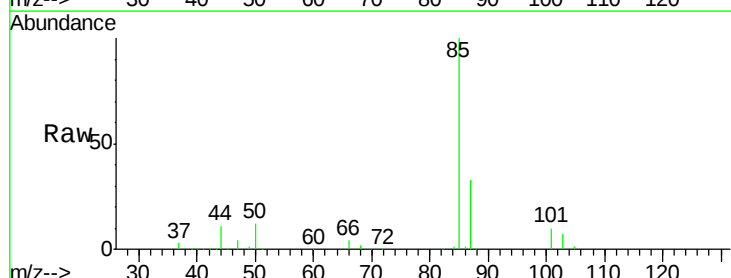
Acq: 27 Apr 2018 14:11

Tgt Ion: 85 Resp: 47920

Ion Ratio Lower Upper

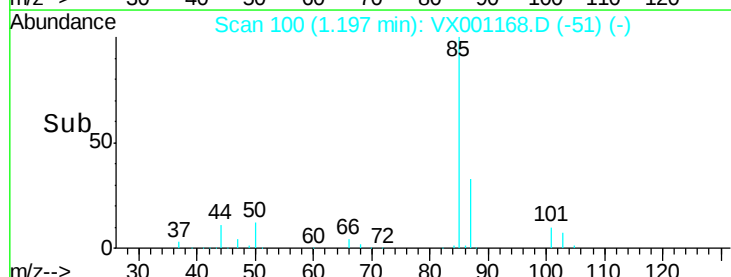
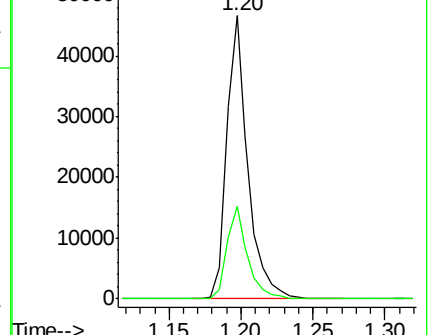
85 100

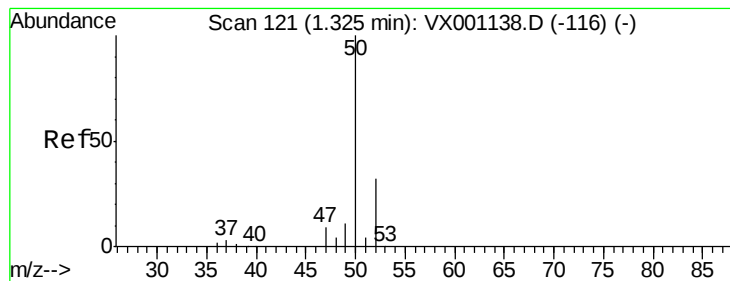
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.777 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

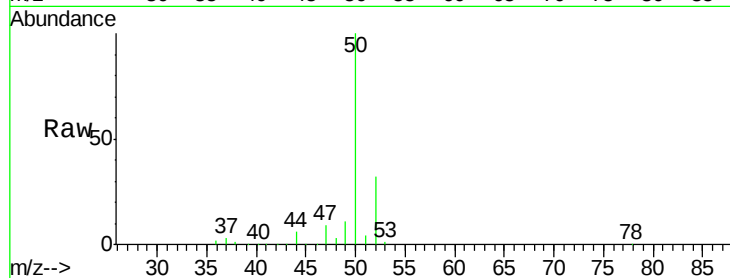
VX0427WBS01

Tgt Ion: 50 Resp: 45672

Ion Ratio Lower Upper

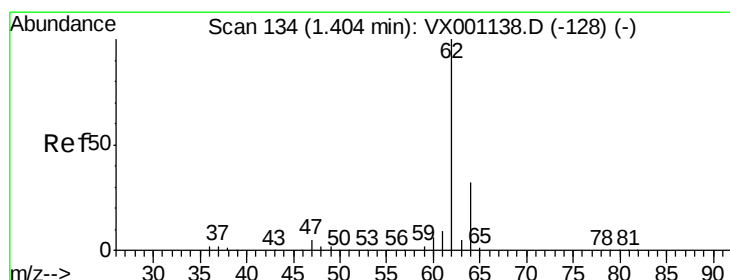
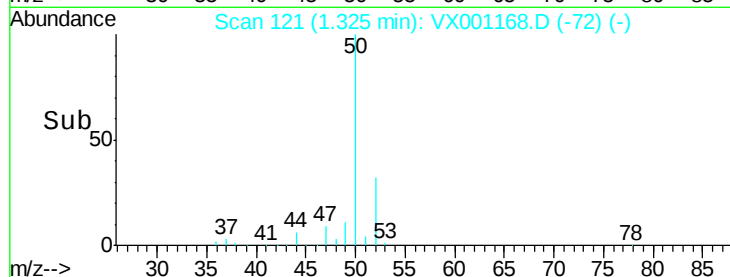
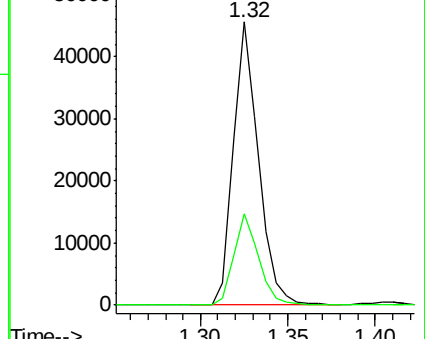
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.627 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001168.D

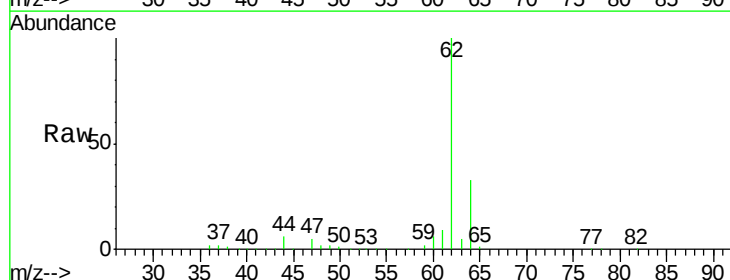
Acq: 27 Apr 2018 14:11

Tgt Ion: 62 Resp: 50776

Ion Ratio Lower Upper

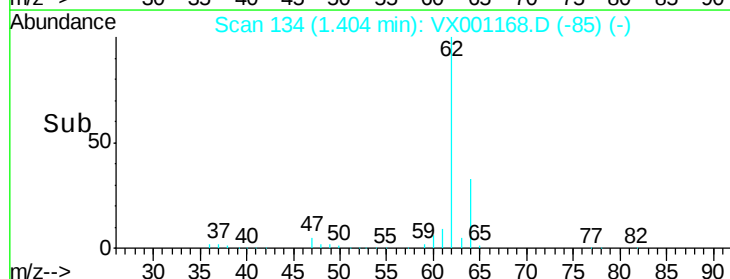
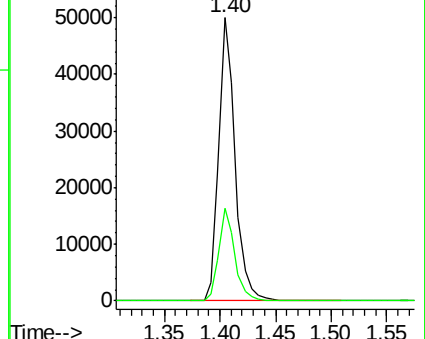
62 100

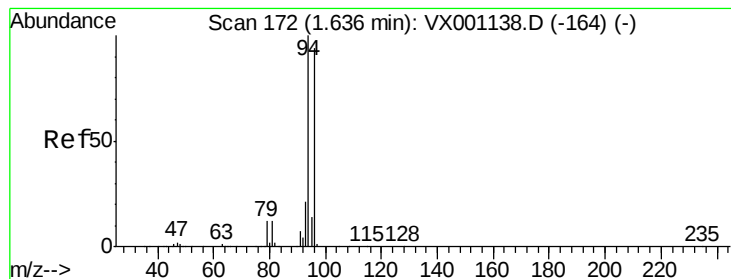
64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.341 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

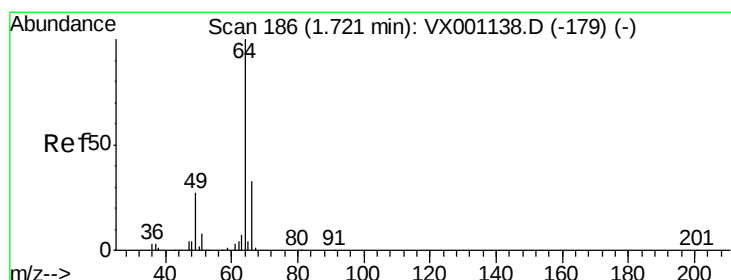
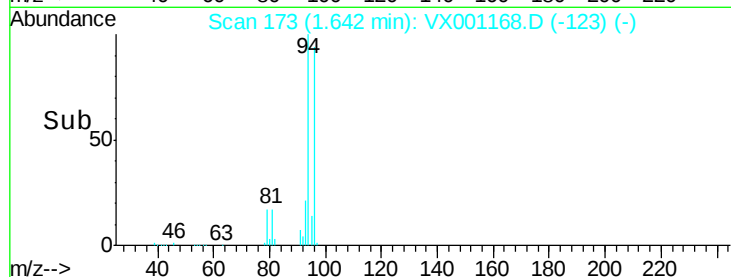
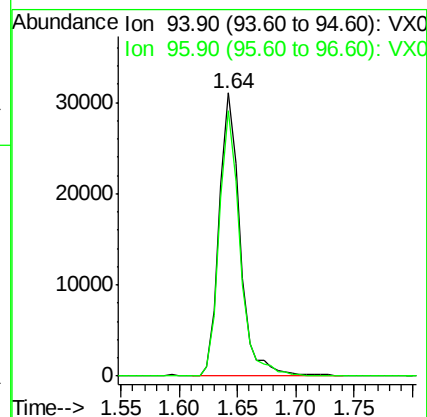
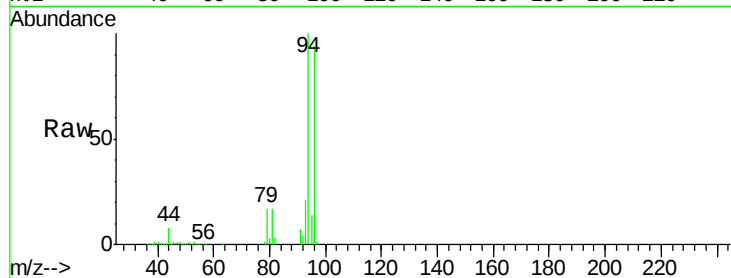
VX0427WBS01

Tgt Ion: 94 Resp: 37724

Ion Ratio Lower Upper

94 100

96 93.8 75.3 112.9



#6

Chloroethane

Concen: 18.530 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001168.D

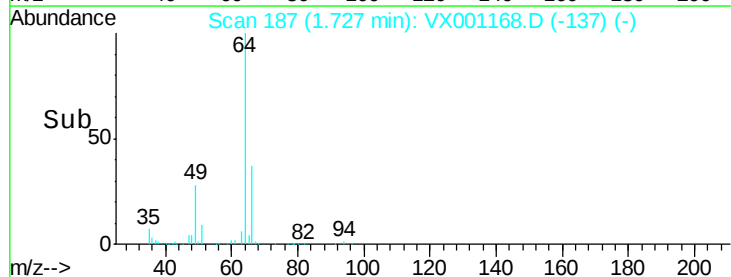
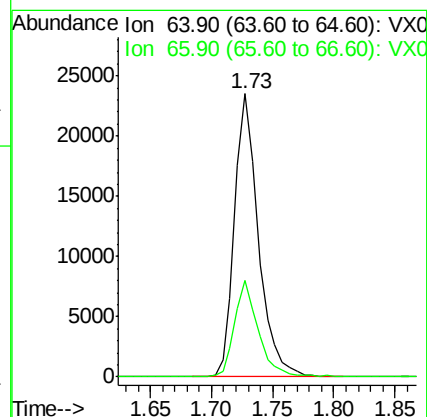
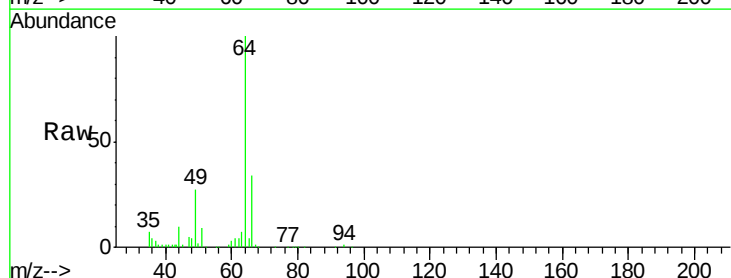
Acq: 27 Apr 2018 14:11

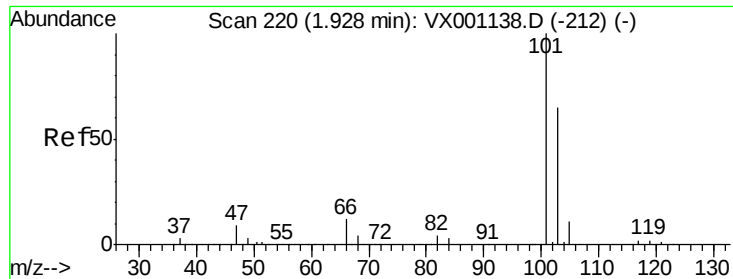
Tgt Ion: 64 Resp: 31793

Ion Ratio Lower Upper

64 100

66 34.2 26.1 39.1



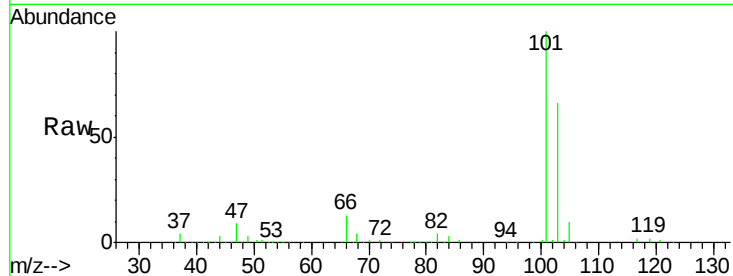


#7

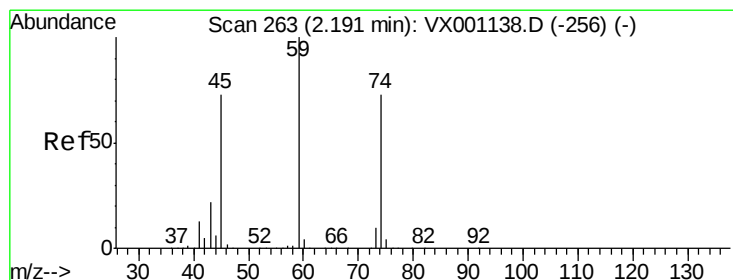
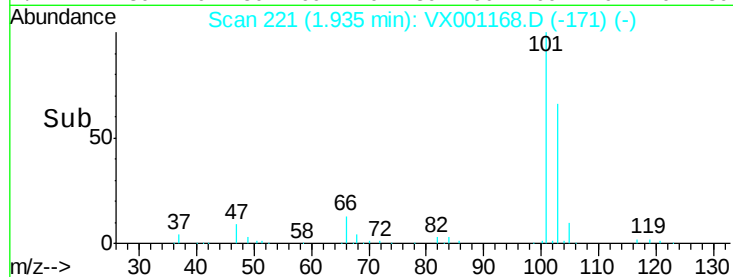
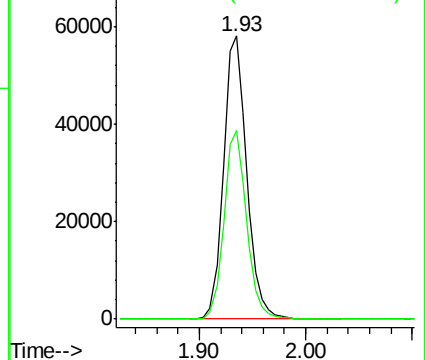
Trichlorofluoromethane
 Concen: 19.993 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

Tgt Ion:101 Resp: 88013
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.9 77.9



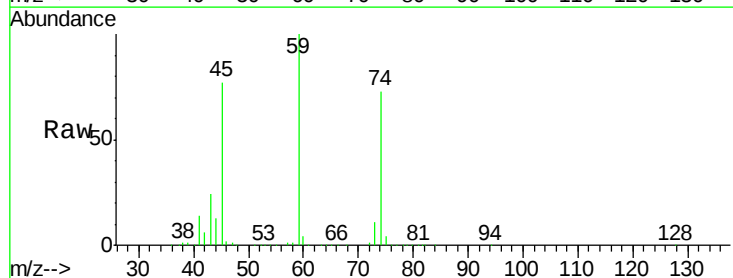
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



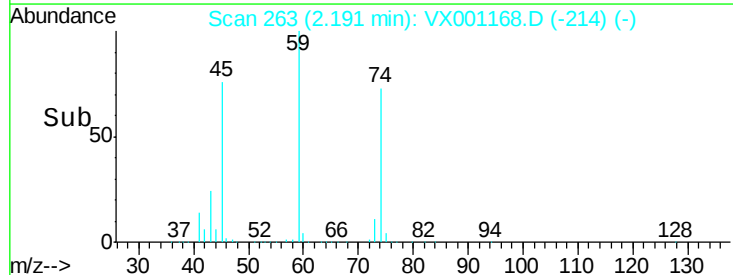
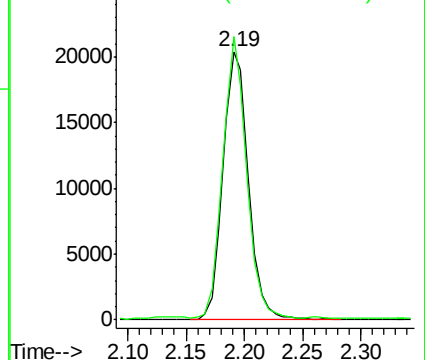
#8

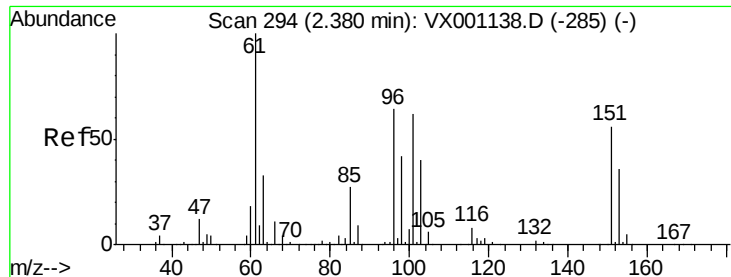
Diethyl Ether
 Concen: 18.087 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001168.D
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Tgt Ion: 74 Resp: 30615
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.5 148.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.824 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001168.D

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VX0427WBS01

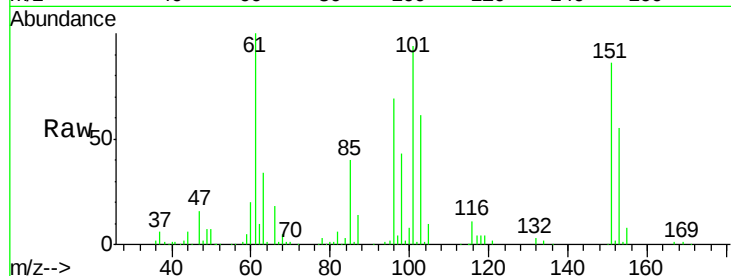
Tgt Ion:101 Resp: 50509

Ion Ratio Lower Upper

101 100

85 43.9 35.4 53.0

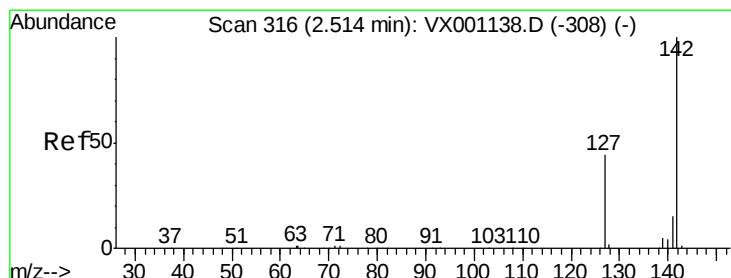
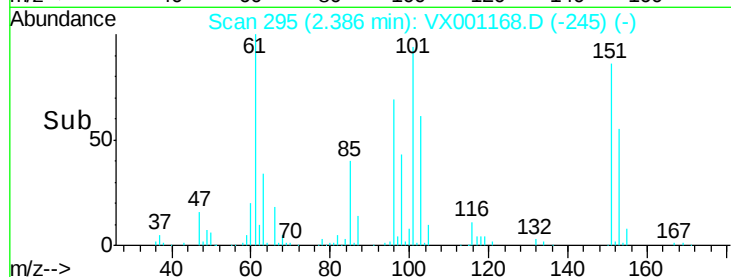
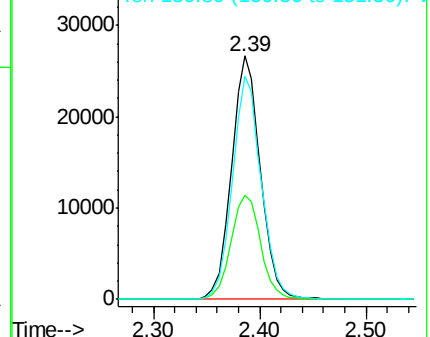
151 91.6 74.2 111.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.918 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

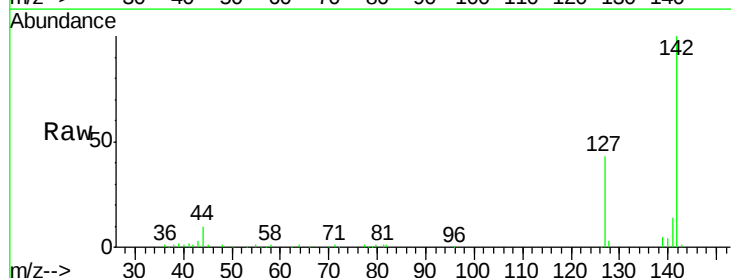
Tgt Ion:142 Resp: 31489

Ion Ratio Lower Upper

142 100

127 43.8 34.7 52.1

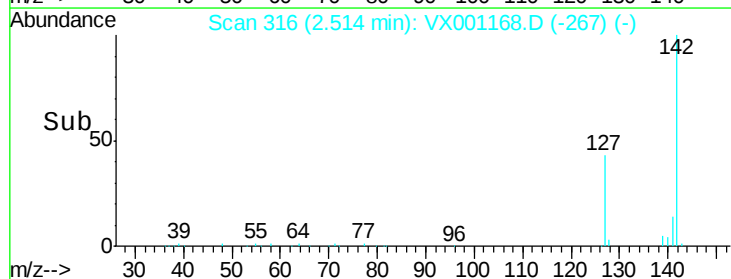
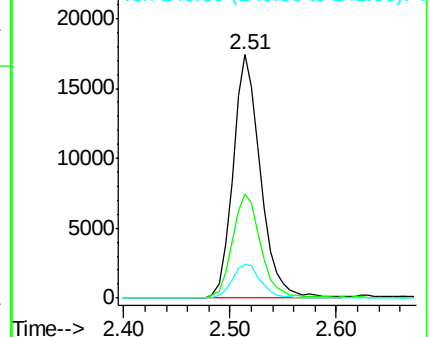
141 14.2 11.6 17.4

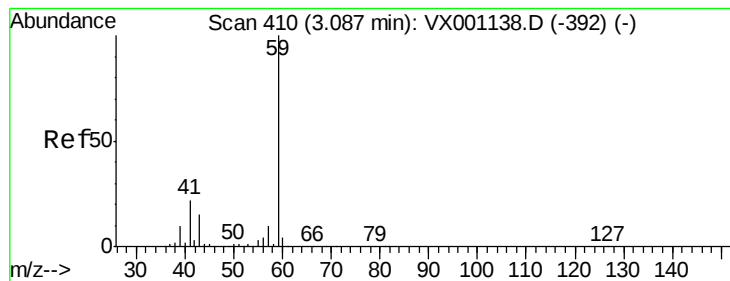


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



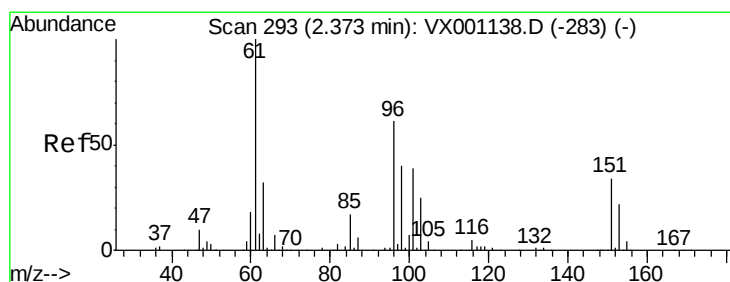
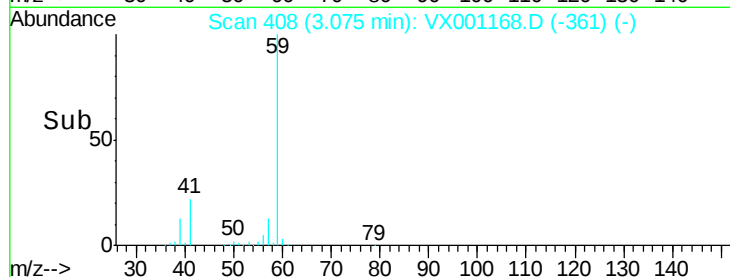
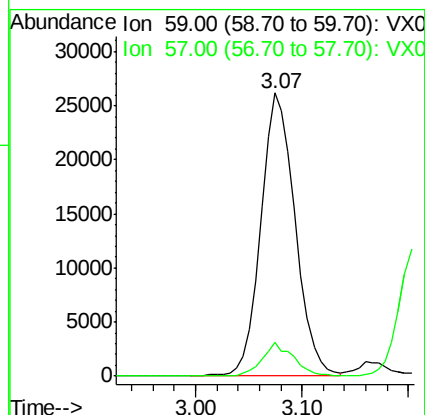
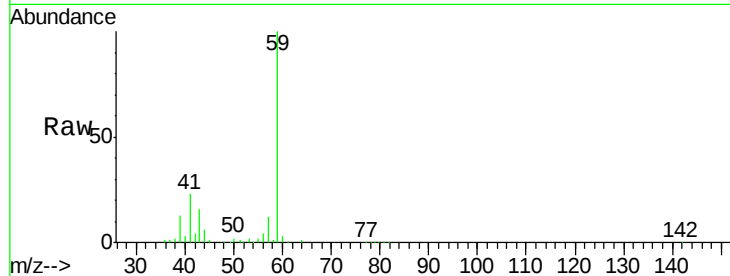


#11

Tert butyl alcohol
 Concen: 82.453 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

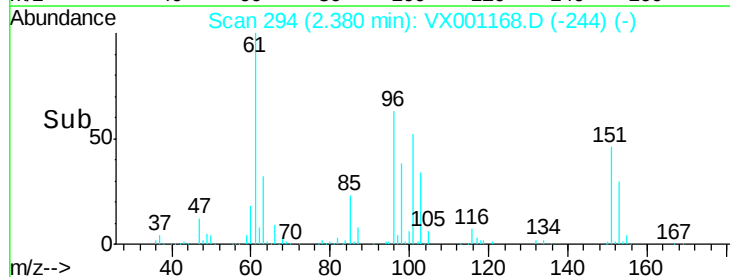
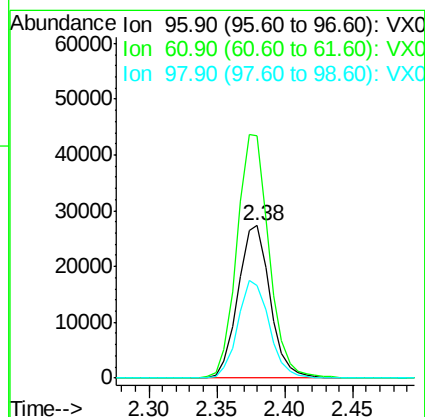
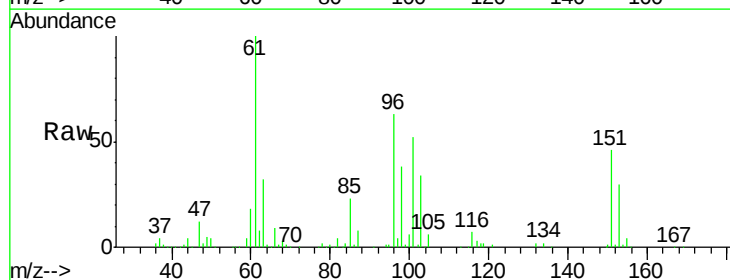
Tgt Ion: 59 Resp: 58959
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

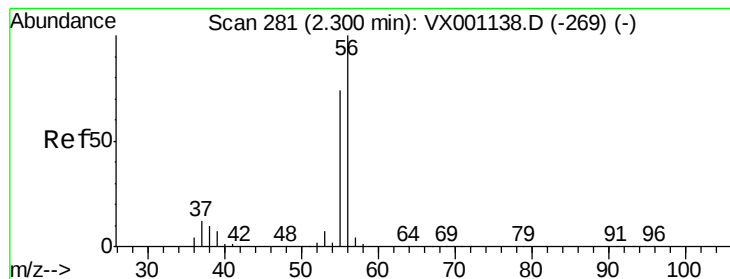


#12

1,1-Dichloroethene
 Concen: 19.043 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 96 Resp: 45047
 Ion Ratio Lower Upper
 96 100
 61 158.9 130.2 195.4
 98 60.8 51.5 77.3





#13

Acrolein

Concen: 65.189 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

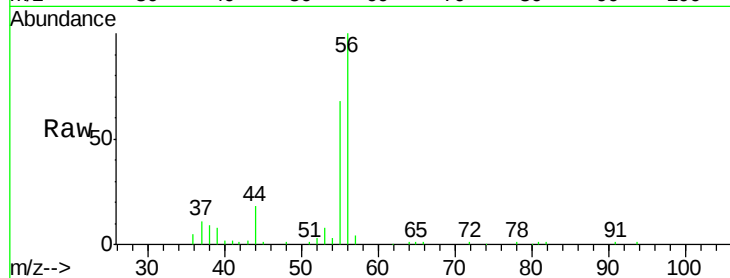
VX0427WBS01

Tgt Ion: 56 Resp: 17622

Ion Ratio Lower Upper

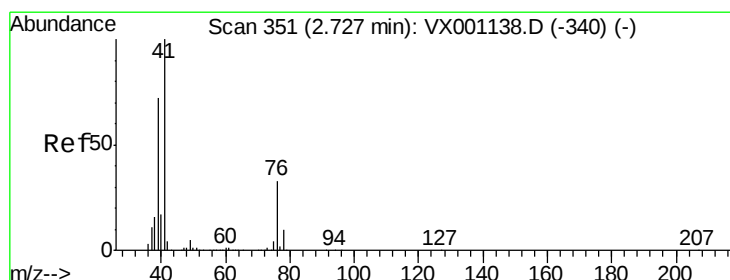
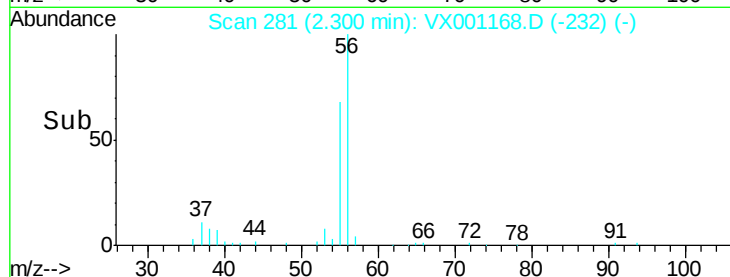
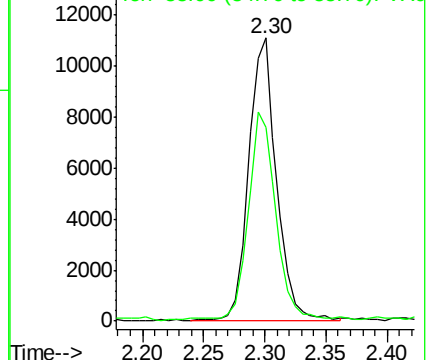
56 100

55 75.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.794 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

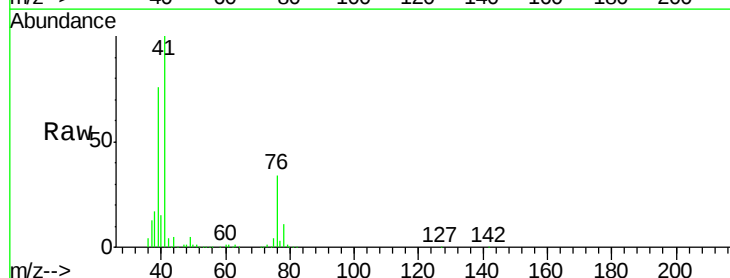
Tgt Ion: 41 Resp: 81100

Ion Ratio Lower Upper

41 100

39 71.5 55.6 83.4

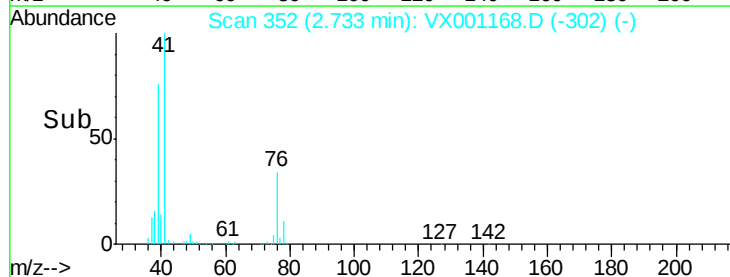
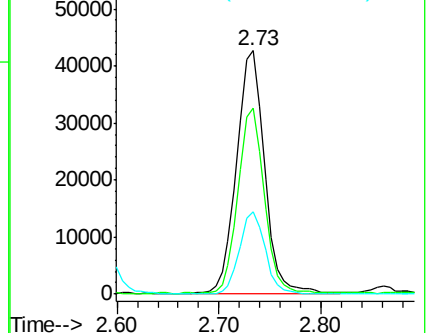
76 31.2 24.8 37.2

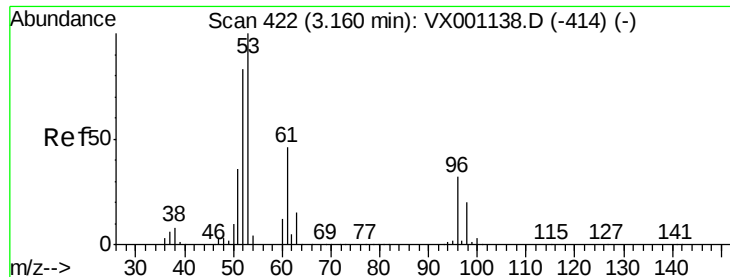


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 83.596 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

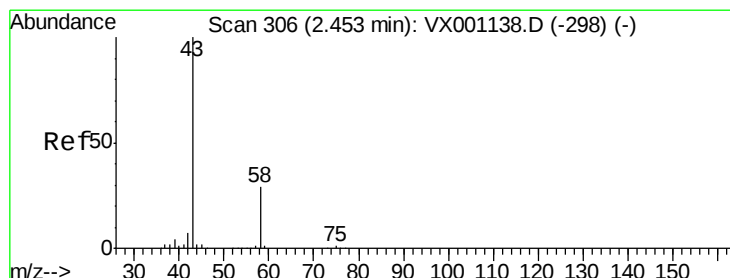
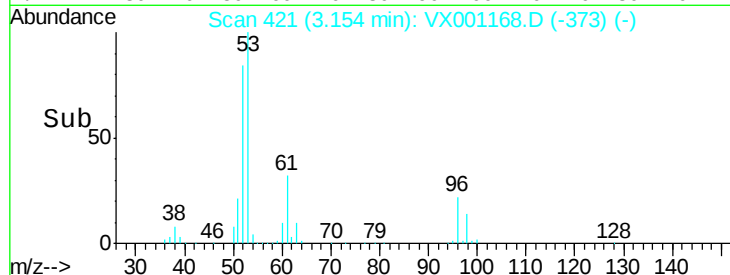
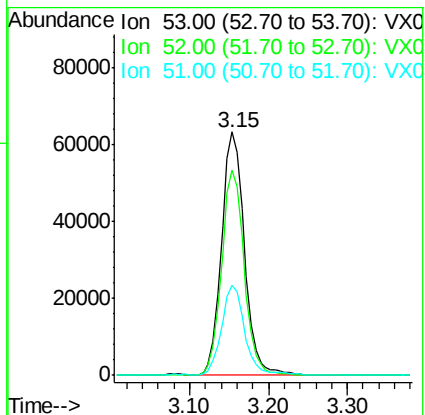
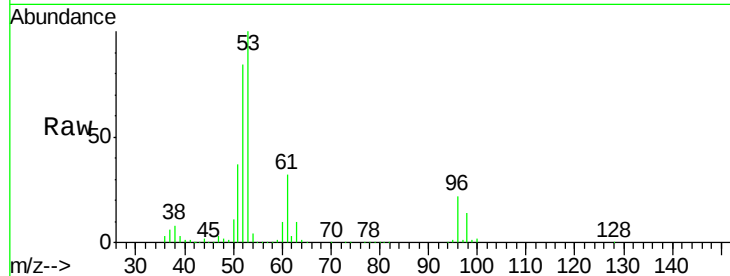
Tgt Ion: 53 Resp: 127649

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

51 37.6 29.5 44.3



#16

Acetone

Concen: 87.951 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001168.D

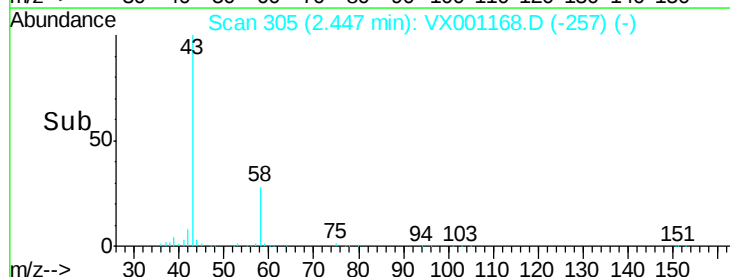
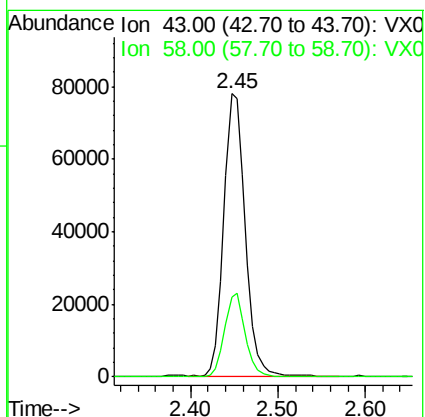
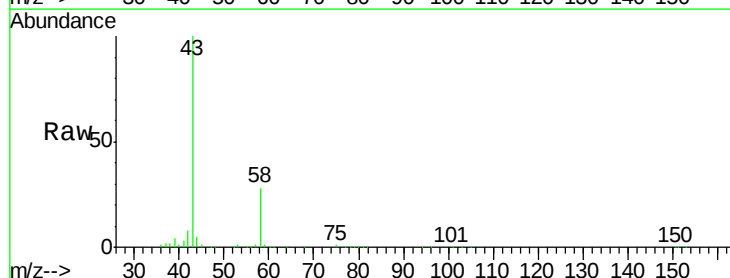
Acq: 27 Apr 2018 14:11

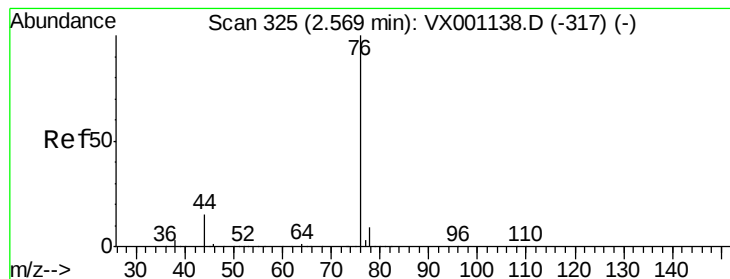
Tgt Ion: 43 Resp: 131147

Ion Ratio Lower Upper

43 100

58 28.3 23.0 34.6





#17

Carbon Disulfide

Concen: 18.095 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

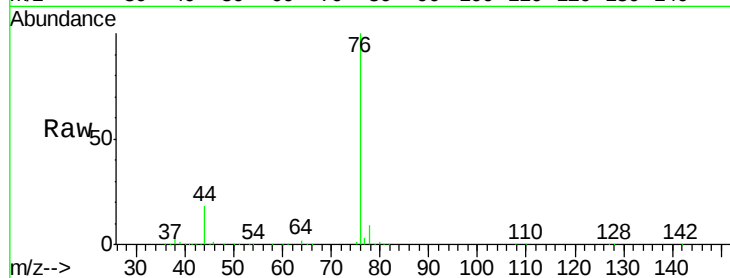
VX0427WBS01

Tgt Ion: 76 Resp: 109215

Ion Ratio Lower Upper

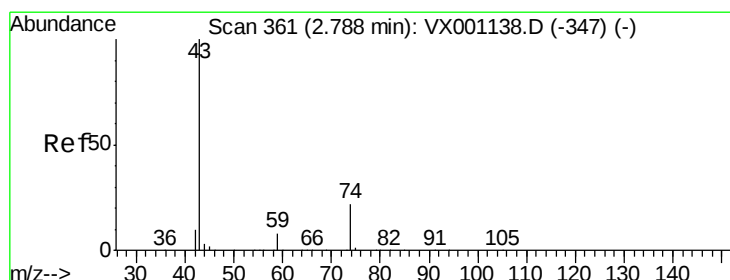
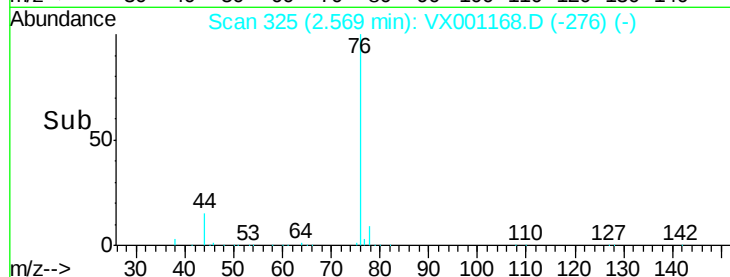
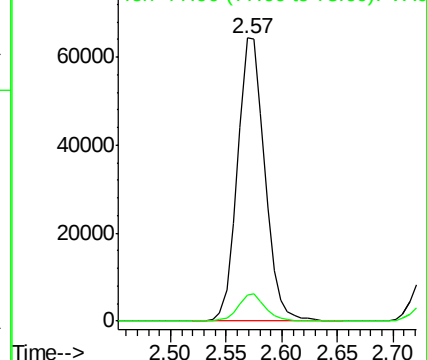
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.450 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001168.D

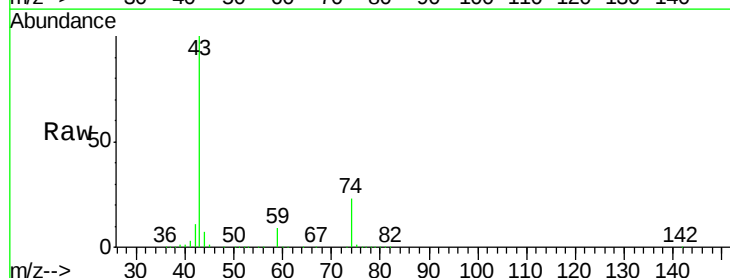
Acq: 27 Apr 2018 14:11

Tgt Ion: 43 Resp: 65110

Ion Ratio Lower Upper

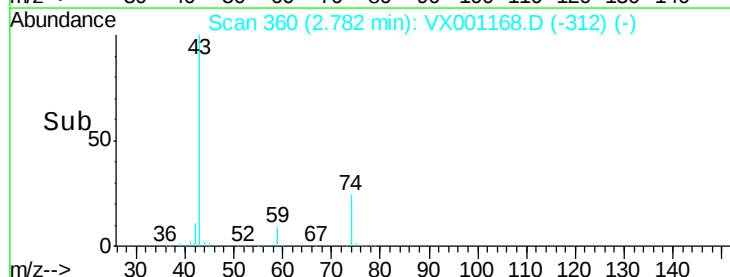
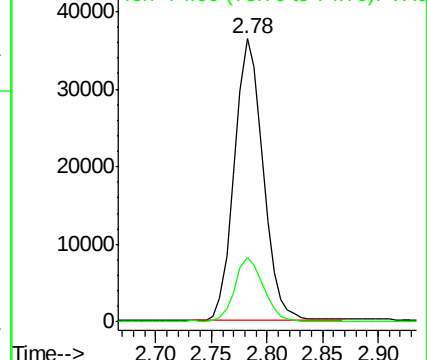
43 100

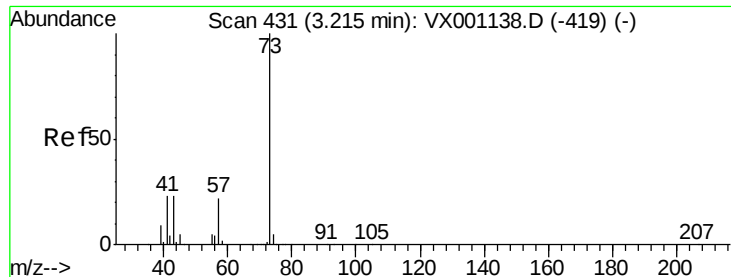
74 22.8 18.1 27.1



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: 18.193 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

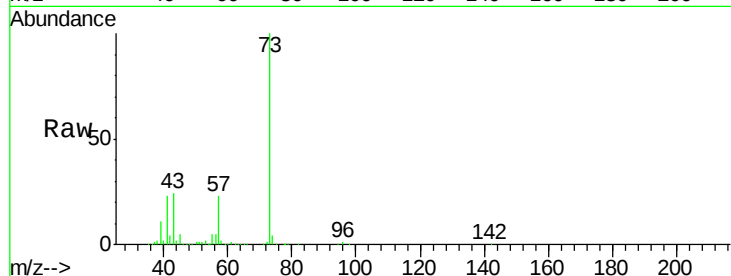
VX0427WBS01

Tgt Ion: 73 Resp: 158423

Ion Ratio Lower Upper

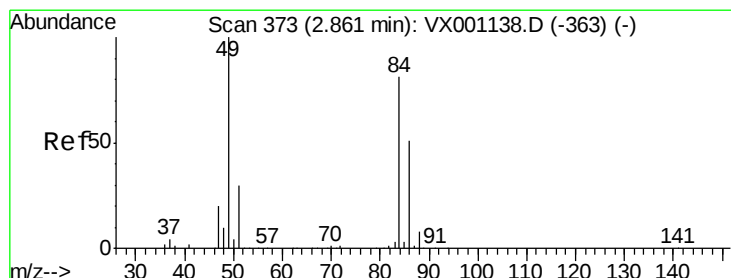
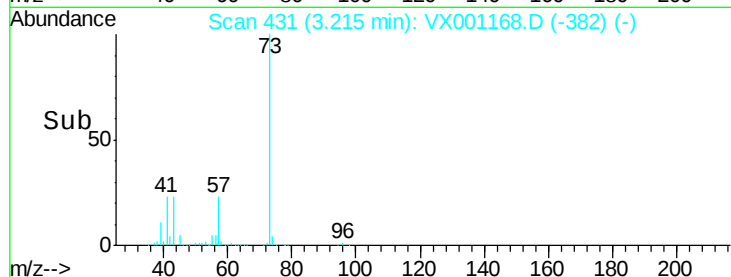
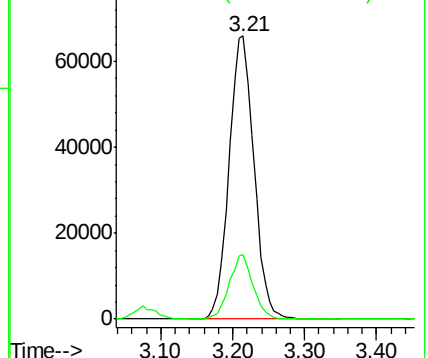
73 100

57 22.6 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 17.932 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Tgt Ion: 84 Resp: 49799

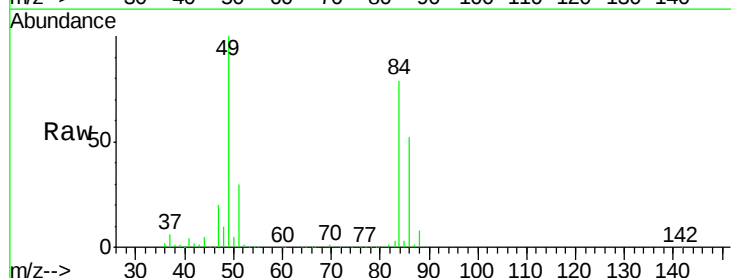
Ion Ratio Lower Upper

84 100

49 127.3 99.2 148.8

51 38.4 29.5 44.3

86 65.9 50.2 75.2

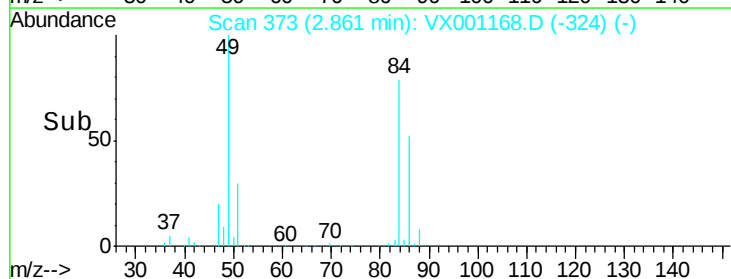
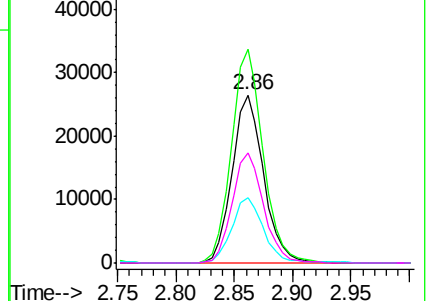


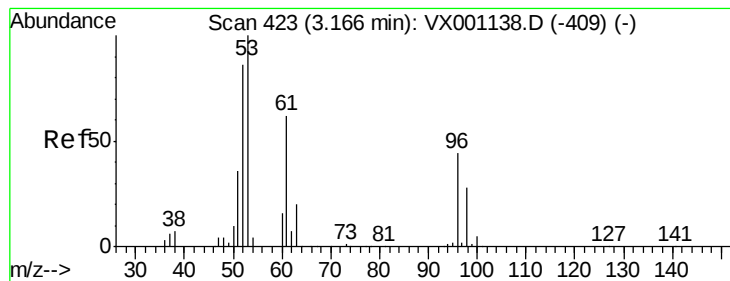
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.400 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

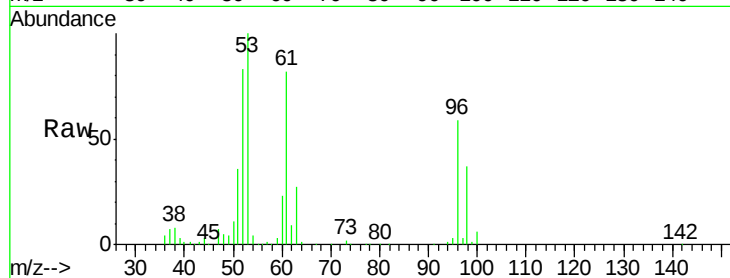
Tgt Ion: 96 Resp: 48115

Ion Ratio Lower Upper

96 100

61 139.1 111.9 167.9

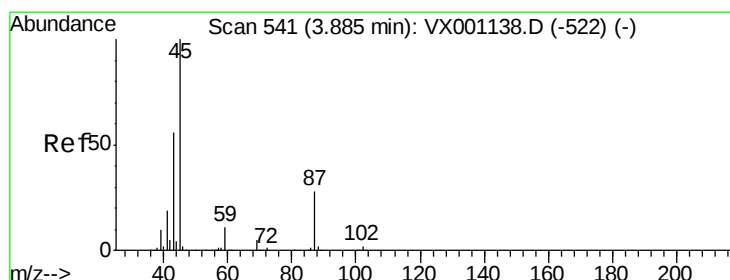
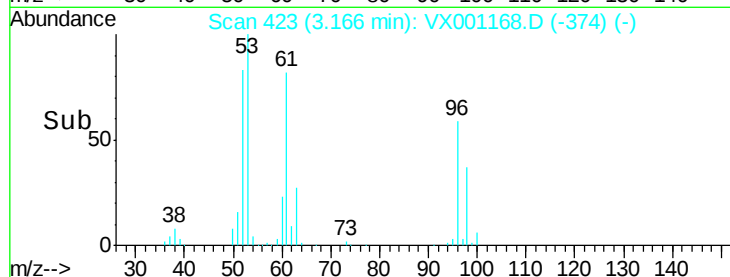
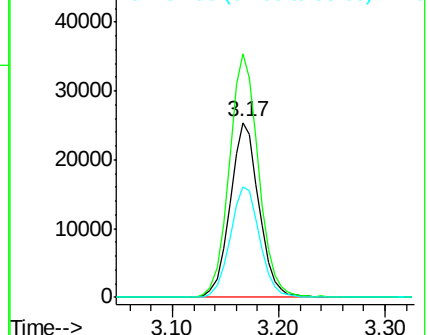
98 62.9 51.1 76.7



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: 17.719 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Tgt Ion: 45 Resp: 152992

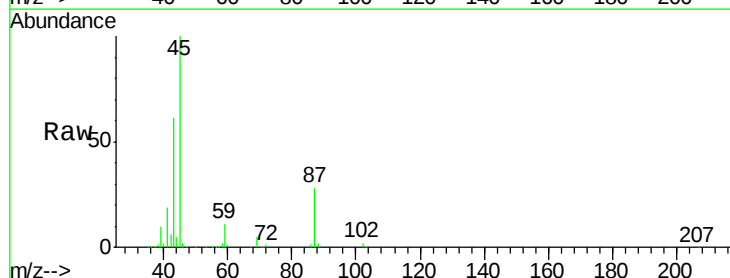
Ion Ratio Lower Upper

45 100

43 59.5 45.0 67.4

87 28.4 22.8 34.2

59 10.6 9.0 13.6

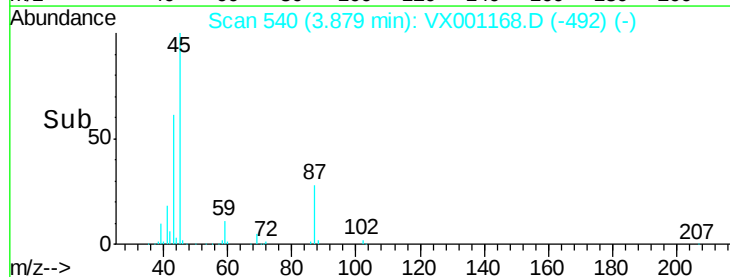
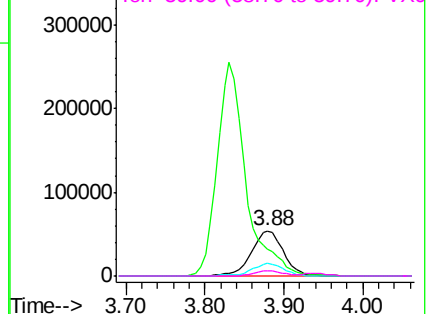


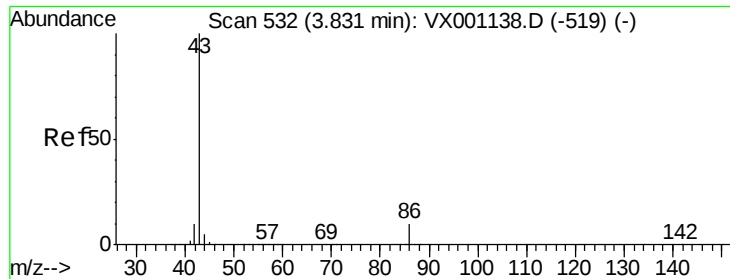
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 89.053 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

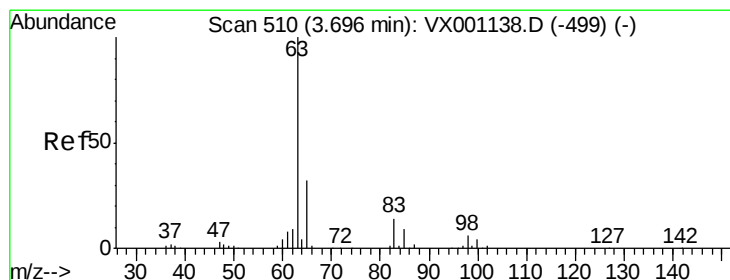
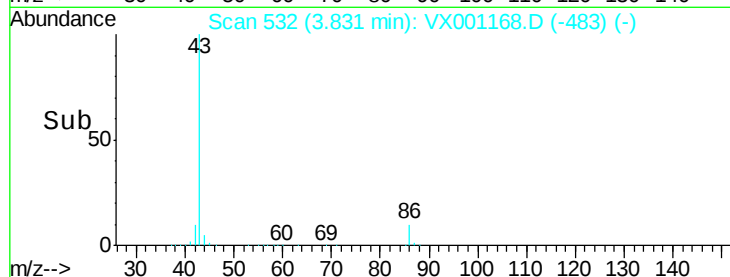
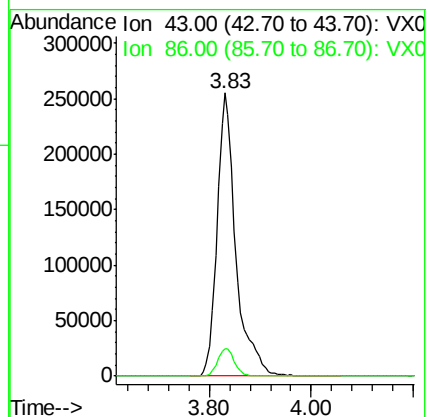
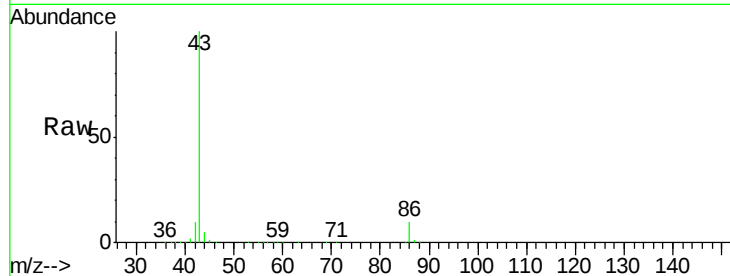
VX0427WBS01

Tgt Ion: 43 Resp: 652298

Ion Ratio Lower Upper

43 100

86 9.7 8.0 12.0



#24

1,1-Dichloroethane

Concen: 18.063 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

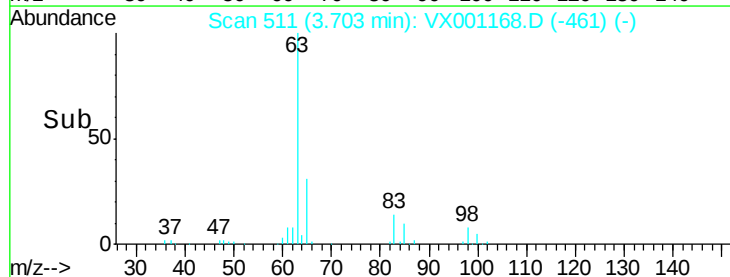
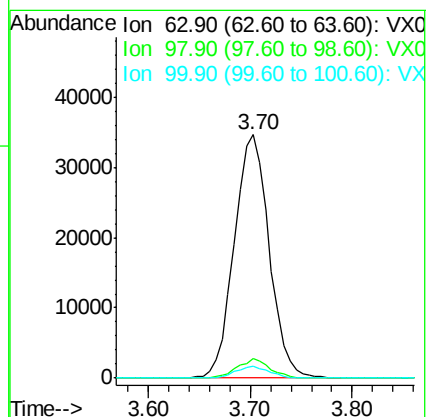
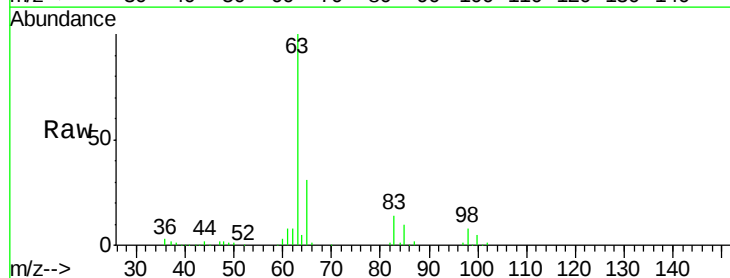
Tgt Ion: 63 Resp: 81967

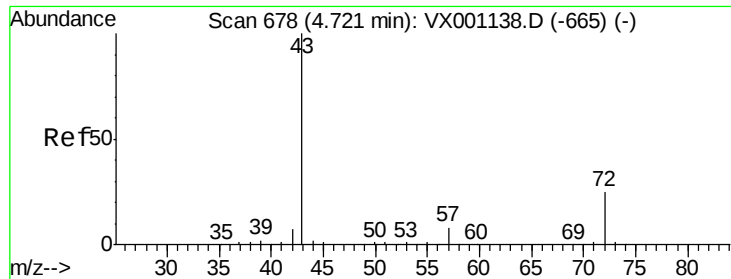
Ion Ratio Lower Upper

63 100

98 7.9 3.1 9.4

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 82.508 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

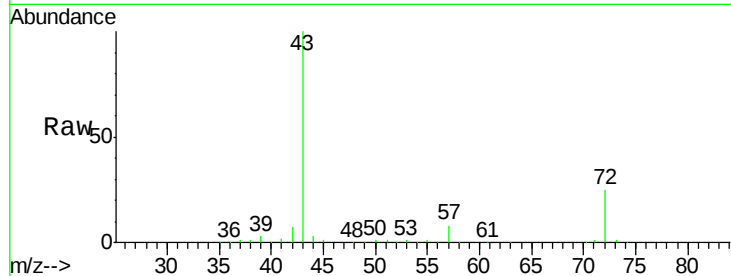
VX0427WBS01

Tgt Ion: 43 Resp: 184086

Ion Ratio Lower Upper

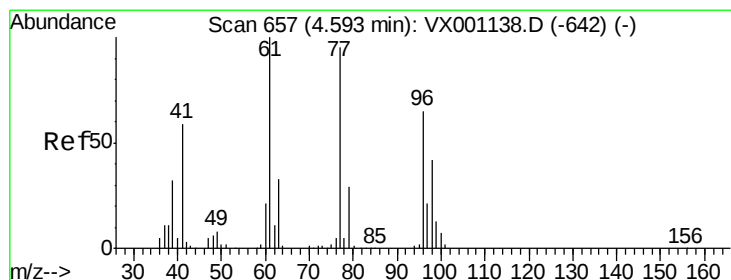
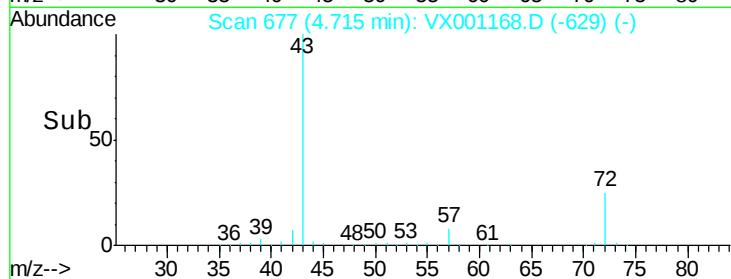
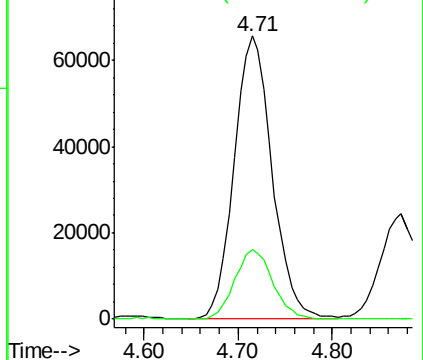
43 100

72 24.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.449 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001168.D

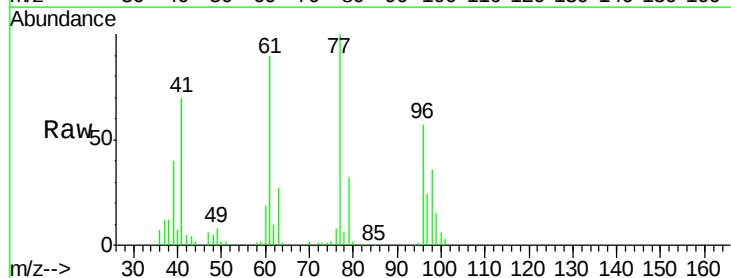
Acq: 27 Apr 2018 14:11

Tgt Ion: 77 Resp: 65896

Ion Ratio Lower Upper

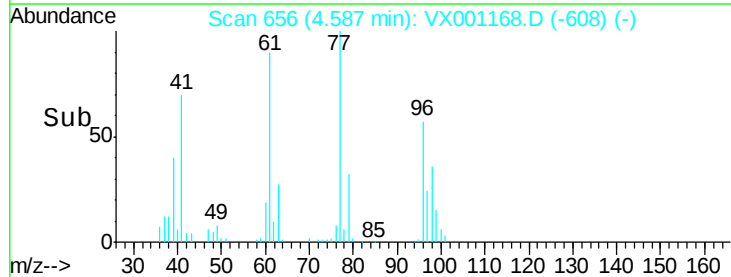
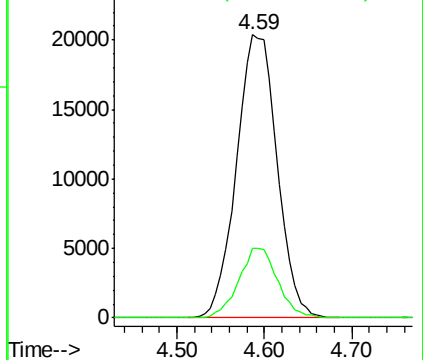
77 100

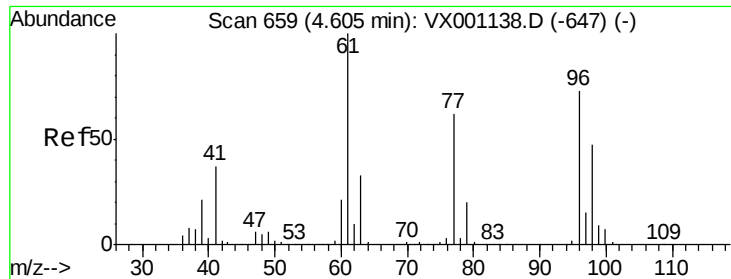
97 23.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



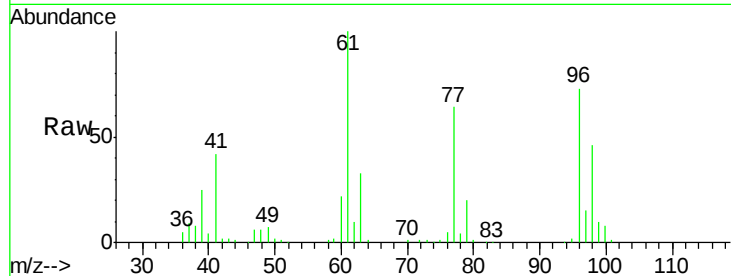


#27

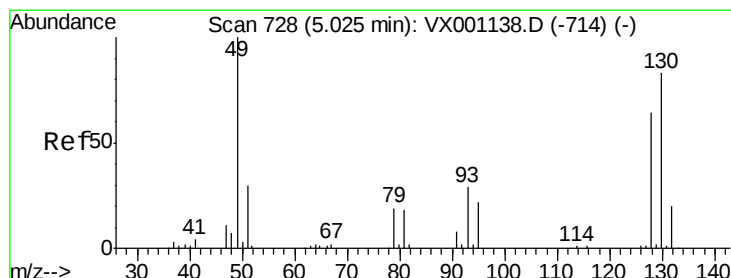
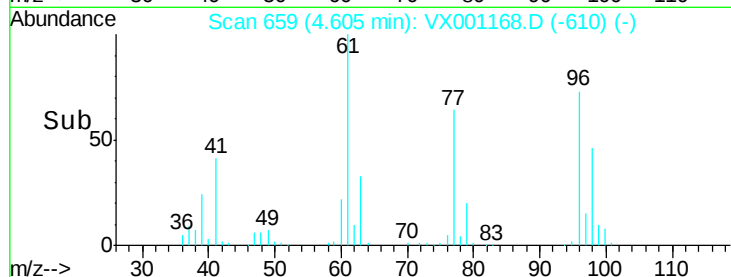
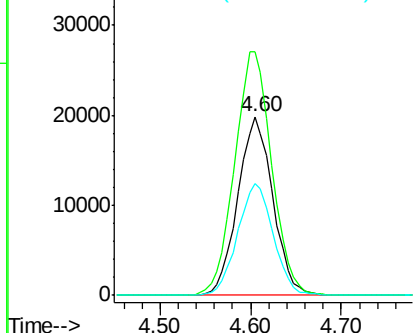
cis-1,2-Dichloroethene
Concen: 18.587 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

Tgt Ion: 96 Resp: 53218
Ion Ratio Lower Upper
96 100
61 144.5 0.0 289.0
98 63.7 0.0 128.2



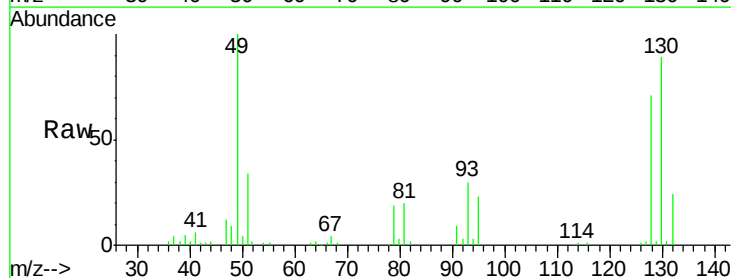
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



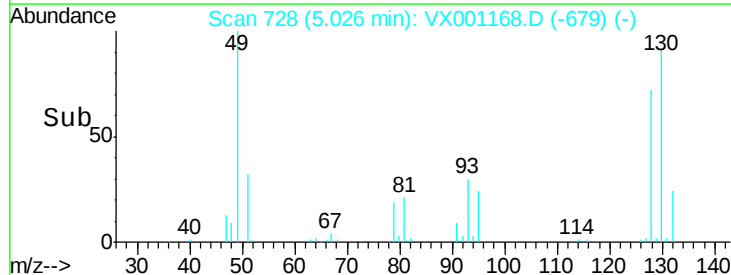
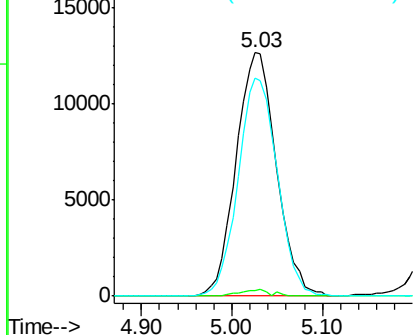
#28

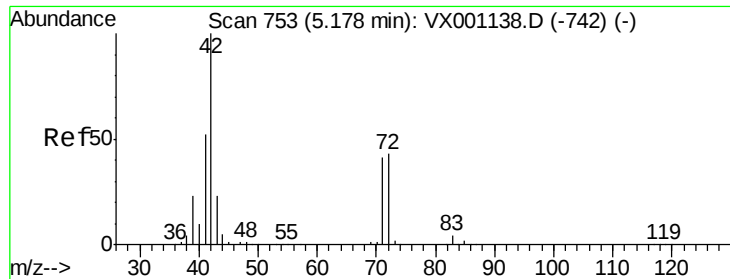
Bromochloromethane
Concen: 19.126 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion: 49 Resp: 38915
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 87.4 68.2 102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

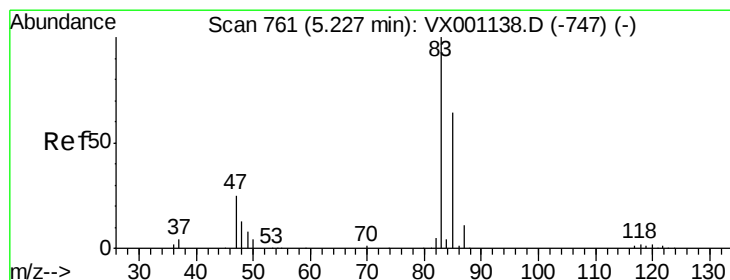
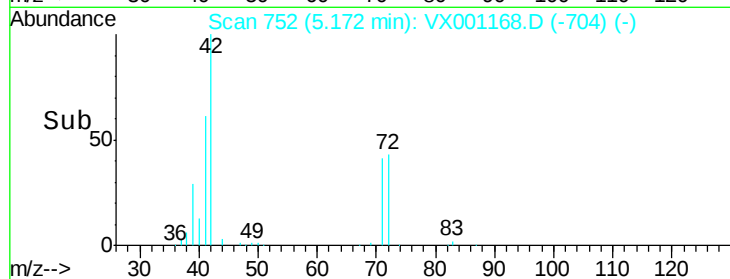
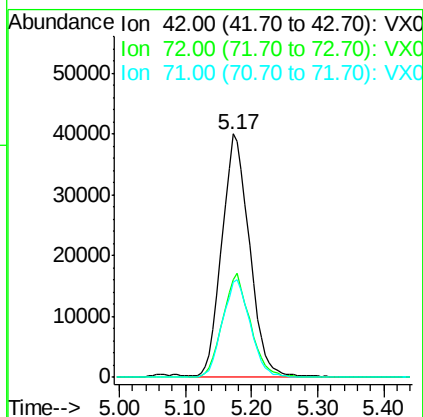
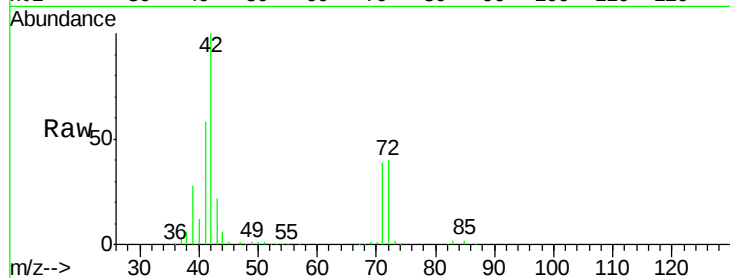




#29
Tetrahydrofuran
Concen: 80.291 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

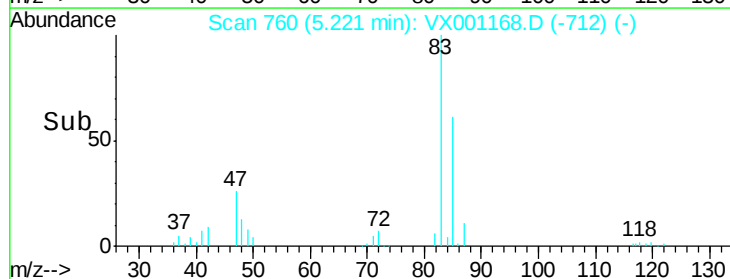
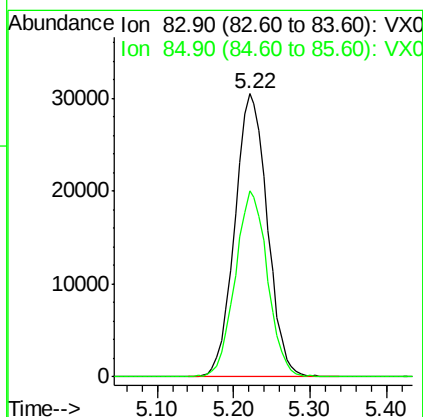
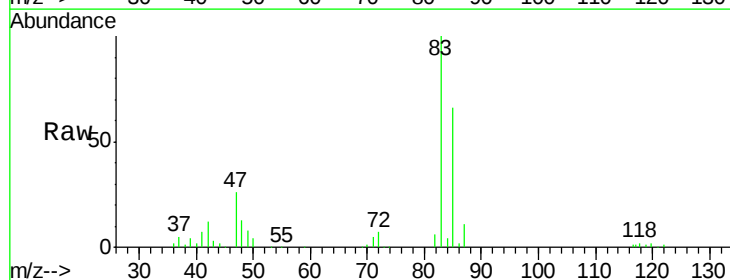
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

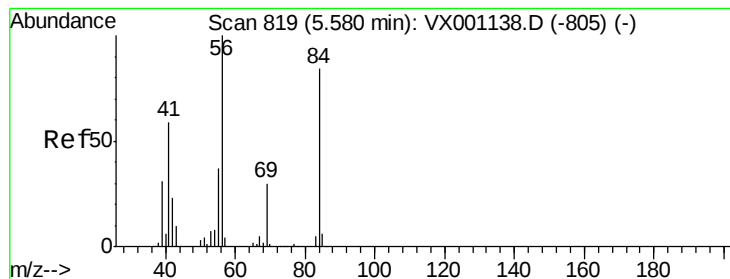
Tgt Ion: 42 Resp: 115179
Ion Ratio Lower Upper
42 100
72 42.9 34.4 51.6
71 40.5 32.1 48.1



#30
Chloroform
Concen: 18.630 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion: 83 Resp: 89901
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.0





#31

Cyclohexane

Concen: 19.799 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

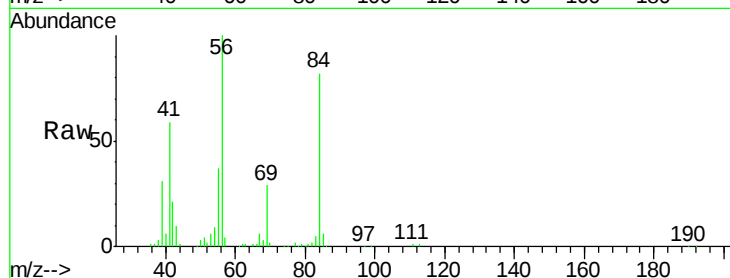
Tgt Ion: 56 Resp: 76332

Ion Ratio Lower Upper

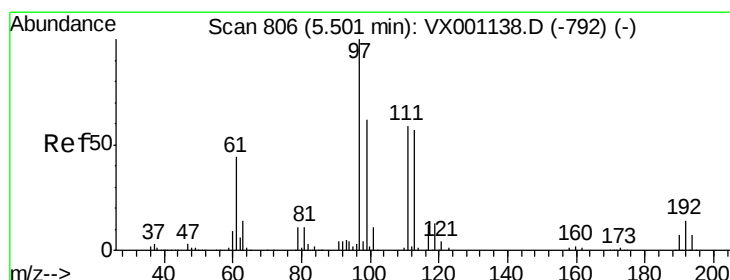
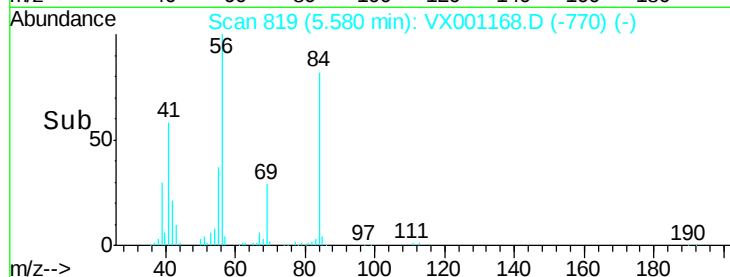
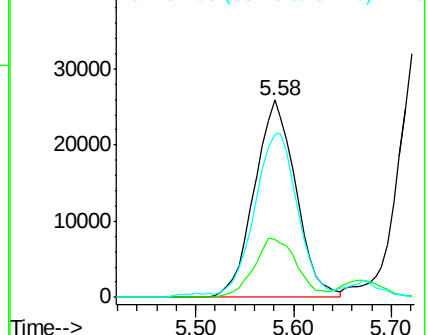
56 100

69 29.4 24.2 36.2

84 80.9 67.5 101.3



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



#32

1,1,1-Trichloroethane

Concen: 18.790 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

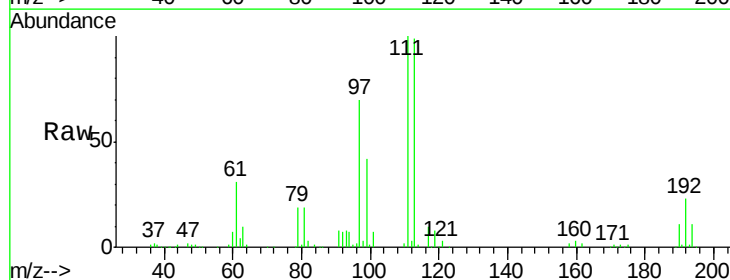
Tgt Ion: 97 Resp: 78274

Ion Ratio Lower Upper

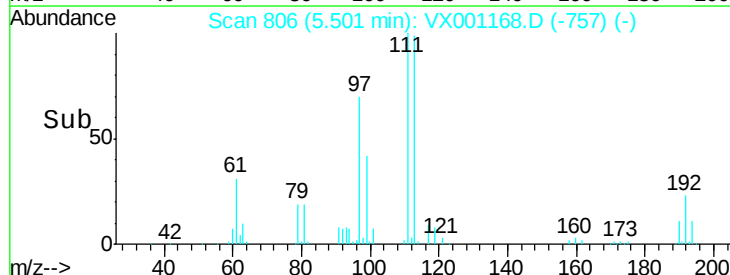
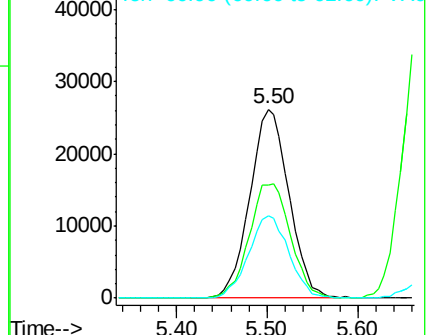
97 100

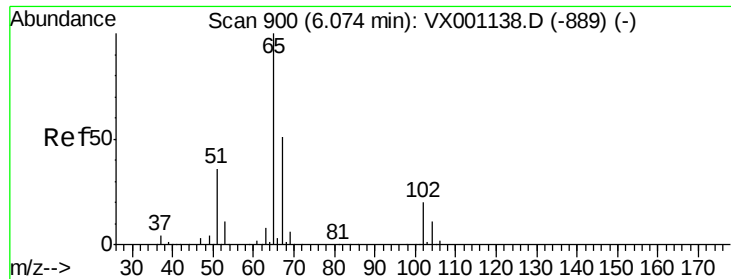
99 63.7 50.9 76.3

61 44.8 35.0 52.6



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

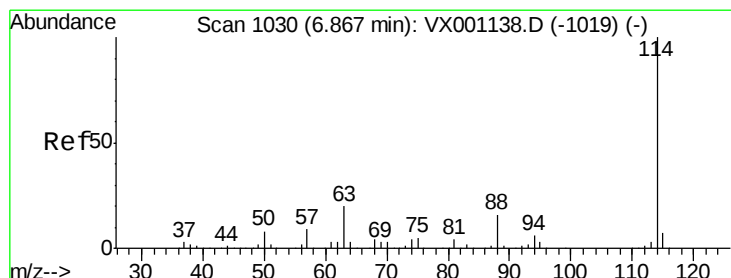
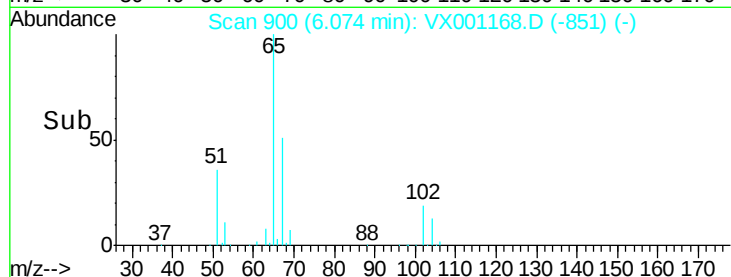
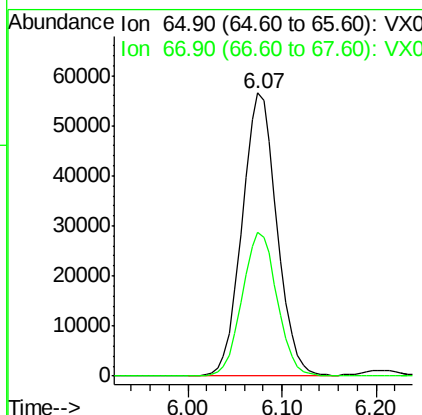
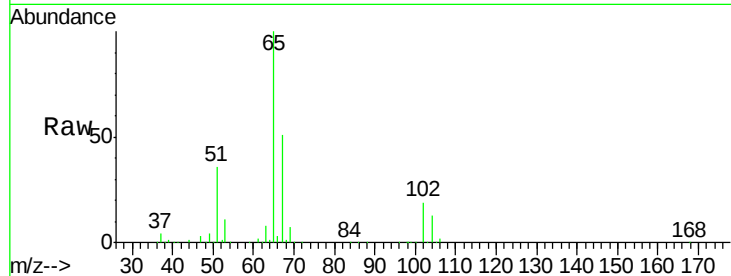




#33
 1,2-Dichloroethane-d4
 Concen: 40.346 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

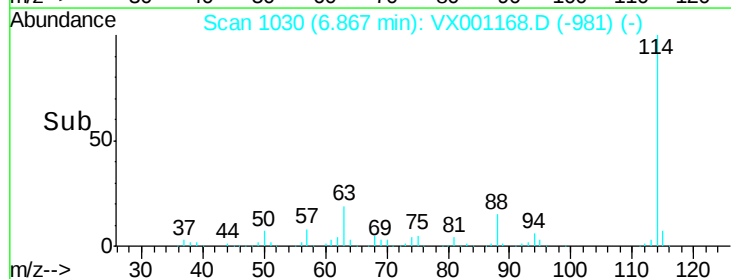
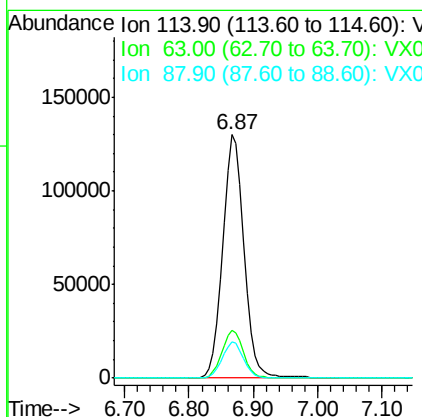
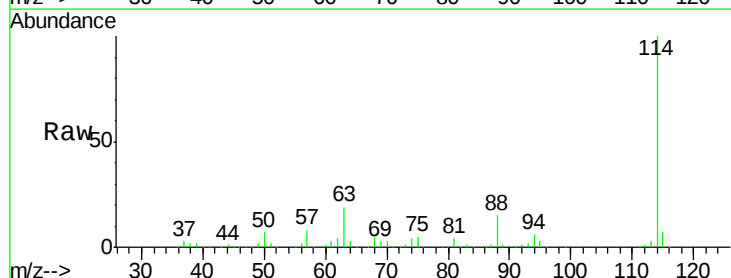
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

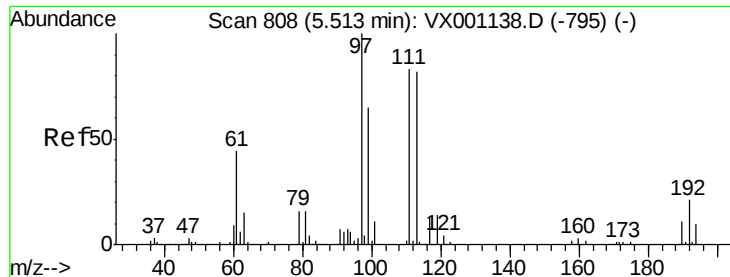
Tgt Ion: 65 Resp: 146297
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 114 Resp: 305460
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 14.8 0.0 31.8

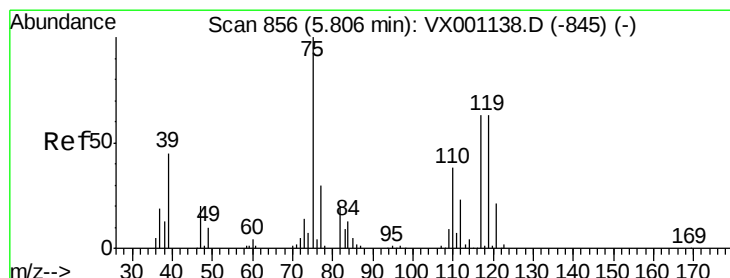
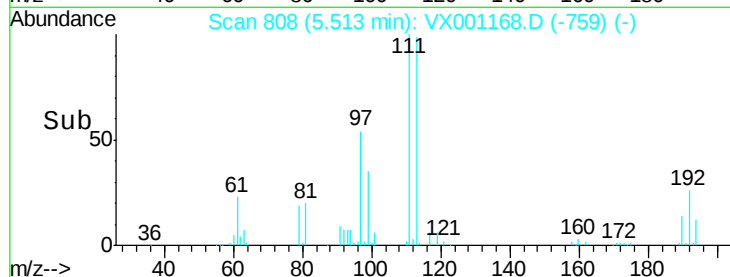
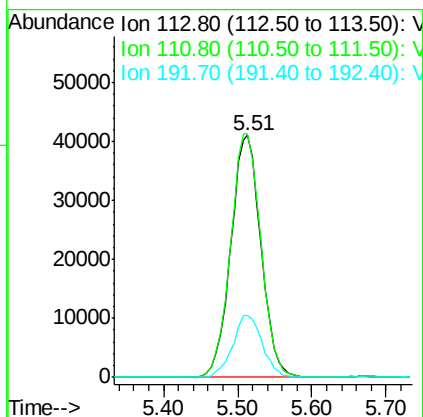
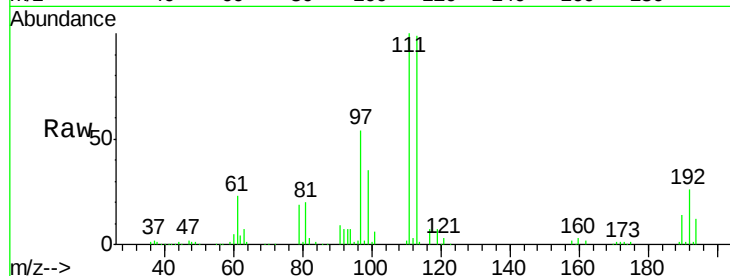




#35
 Dibromofluoromethane
 Concen: 45.941 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

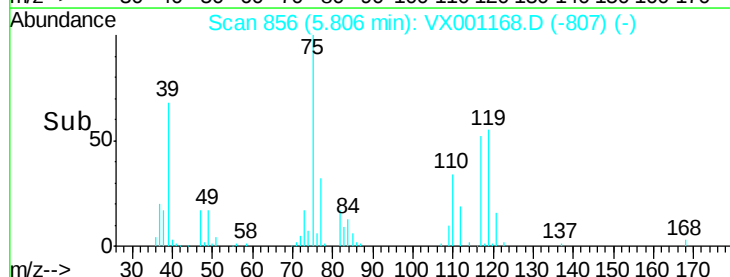
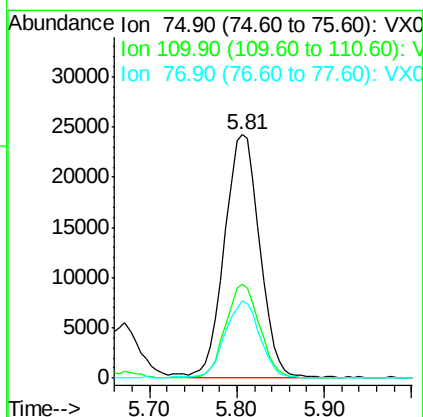
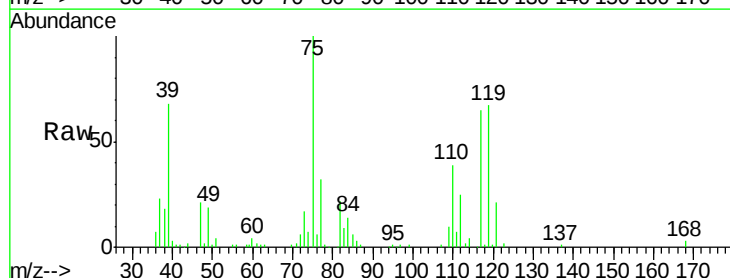
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

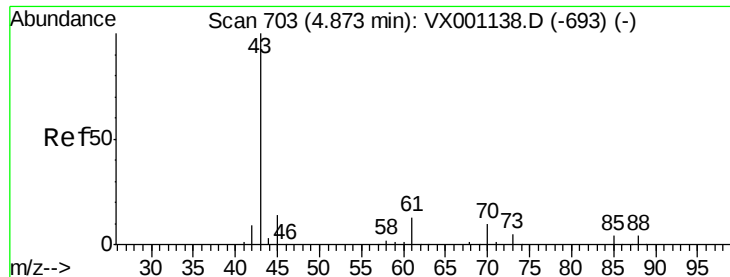
Tgt Ion: 113 Resp: 116153
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 25.4 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 20.042 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 75 Resp: 67462
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.0 57.0
 77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 17.330 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

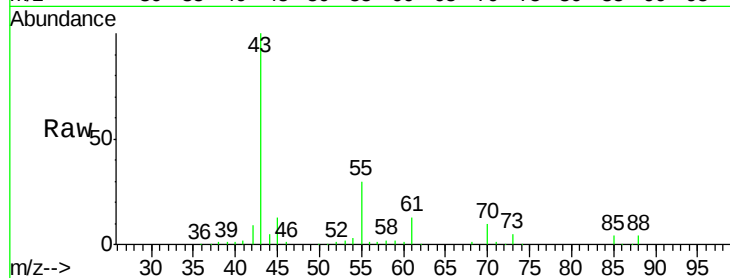
Tgt Ion: 43 Resp: 69858

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

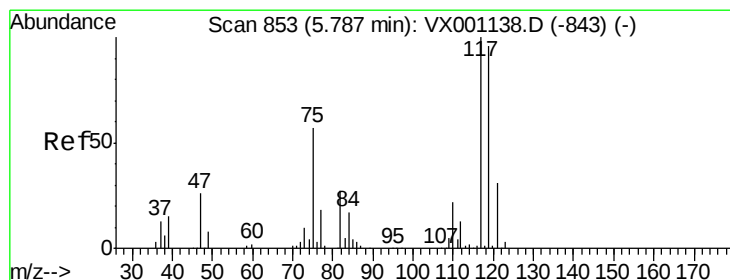
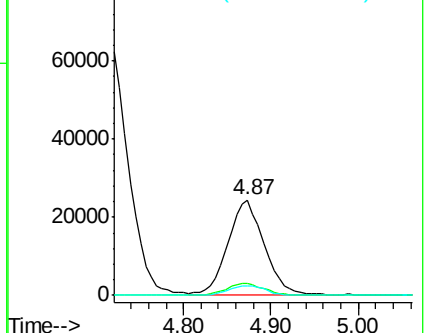
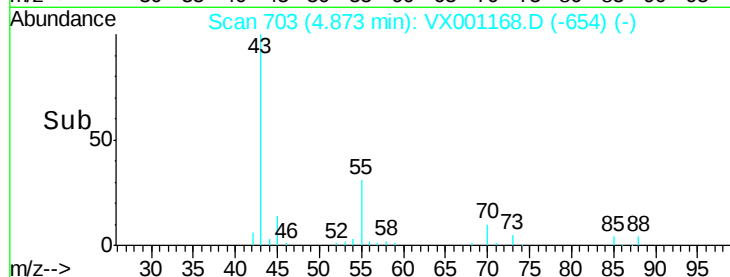
70 10.3 8.2 12.2



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: 19.768 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

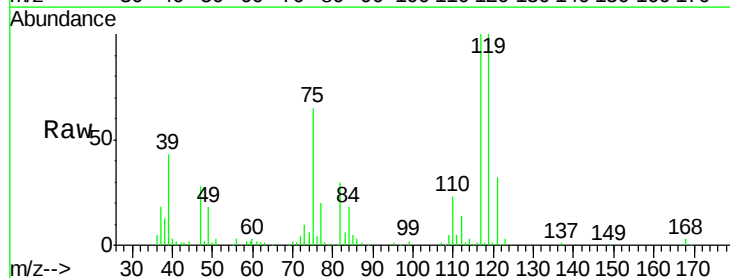
Tgt Ion: 117 Resp: 68229

Ion Ratio Lower Upper

117 100

119 99.6 76.5 114.7

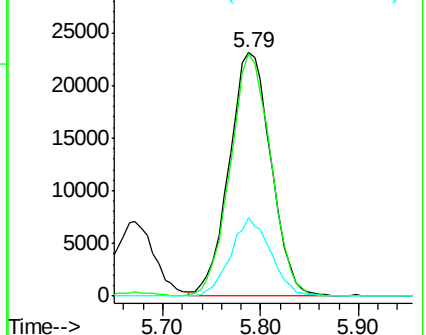
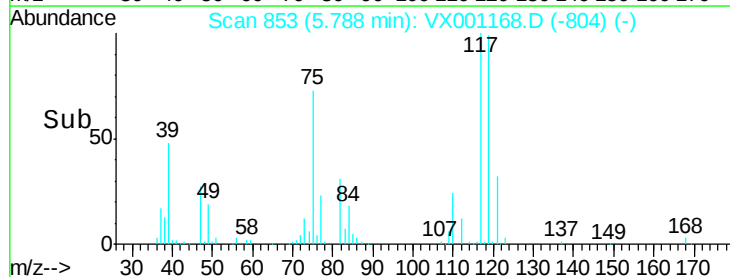
121 32.3 24.6 37.0

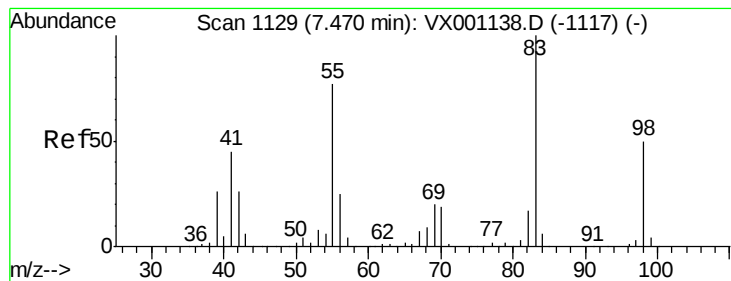


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 21.303 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

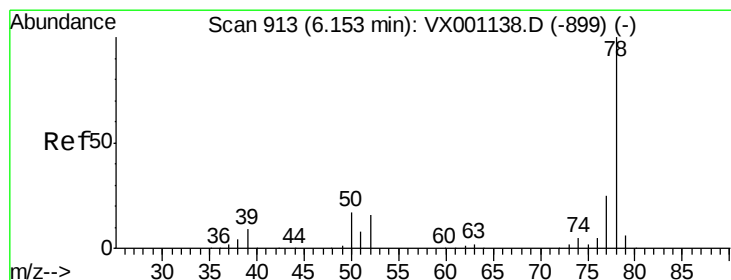
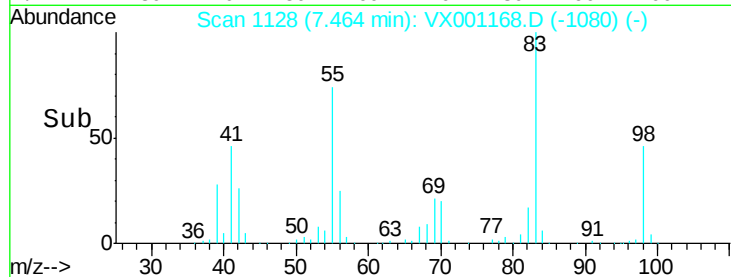
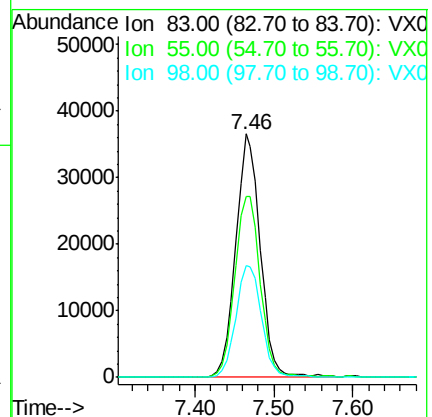
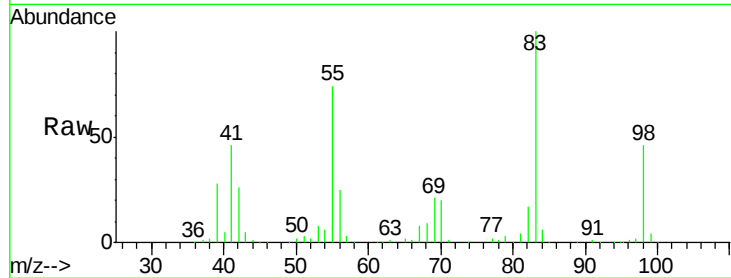
Tgt Ion: 83 Resp: 79360

Ion Ratio Lower Upper

83 100

55 74.3 61.8 92.6

98 46.1 40.0 60.0



#40

Benzene

Concen: 20.202 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001168.D

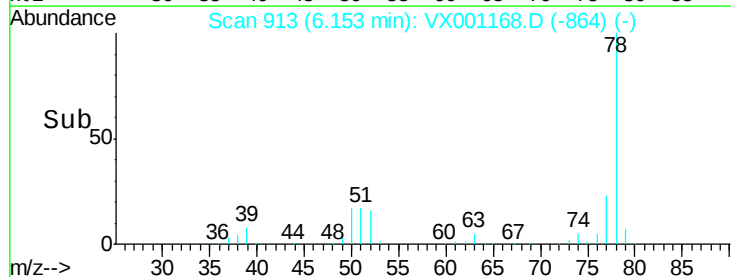
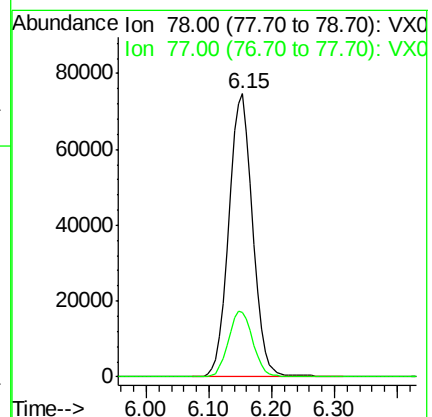
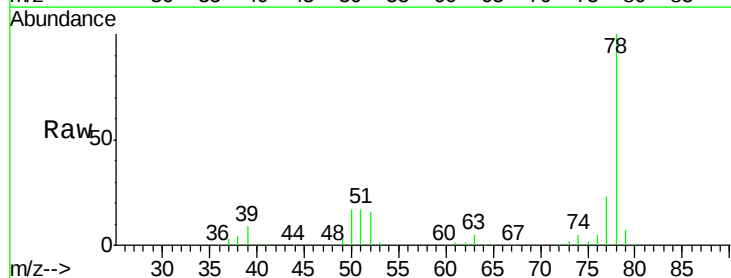
Acq: 27 Apr 2018 14:11

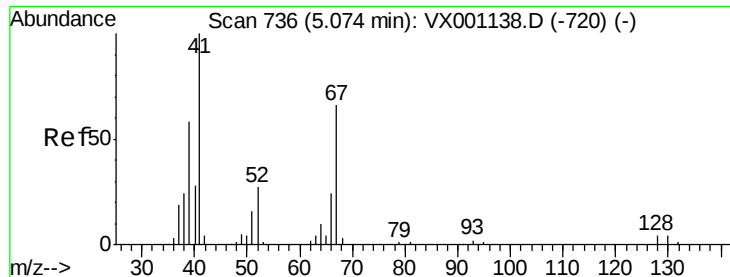
Tgt Ion: 78 Resp: 196711

Ion Ratio Lower Upper

78 100

77 22.9 19.7 29.5





#41

Methacrylonitrile

Concen: 17.798 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

VX0427WBS01

Tgt Ion: 41 Resp: 40313

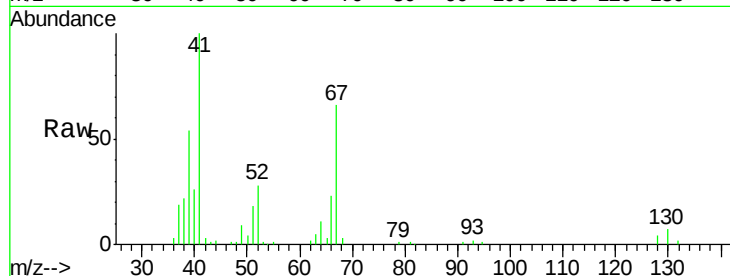
Ion Ratio Lower Upper

41 100

39 56.1 45.9 68.9

67 67.7 53.2 79.8

52 29.9 23.1 34.7

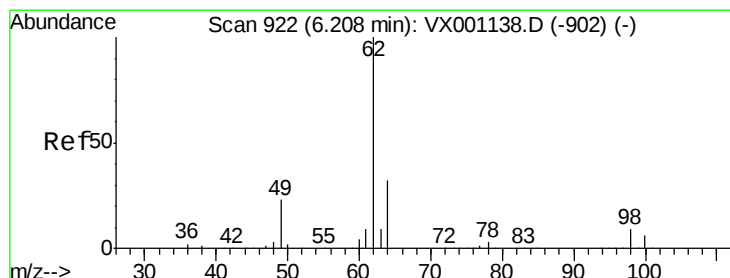
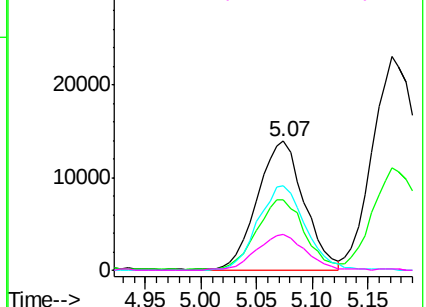
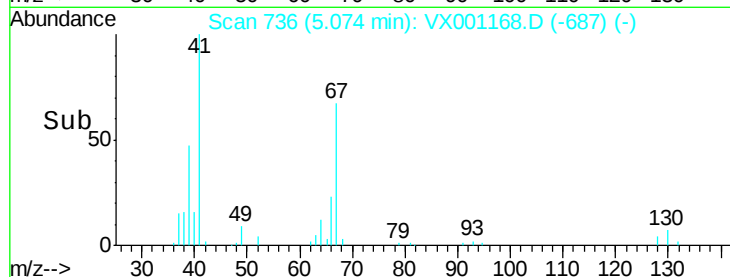


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.506 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX001168.D

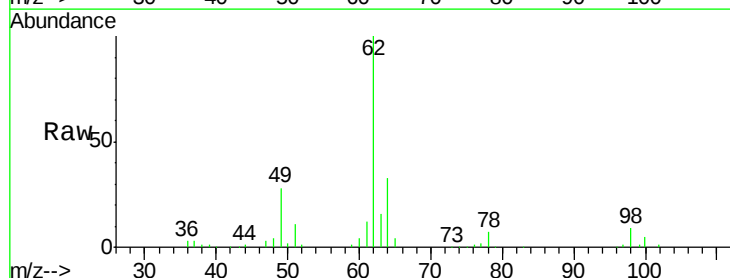
Acq: 27 Apr 2018 14:11

Tgt Ion: 62 Resp: 76538

Ion Ratio Lower Upper

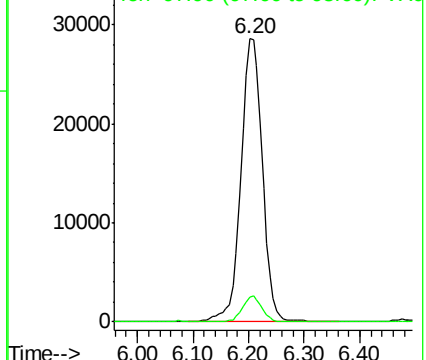
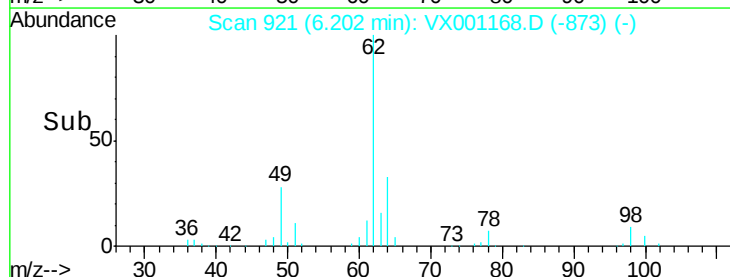
62 100

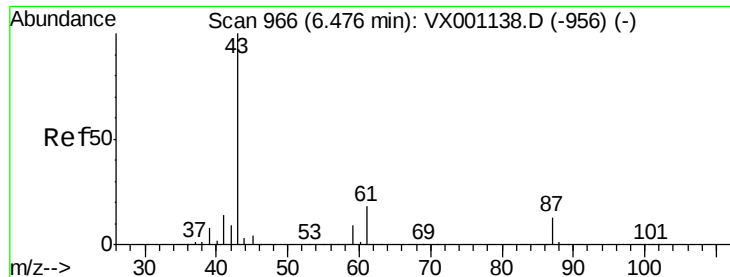
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

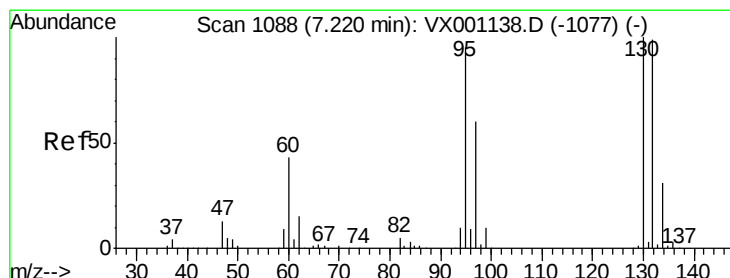
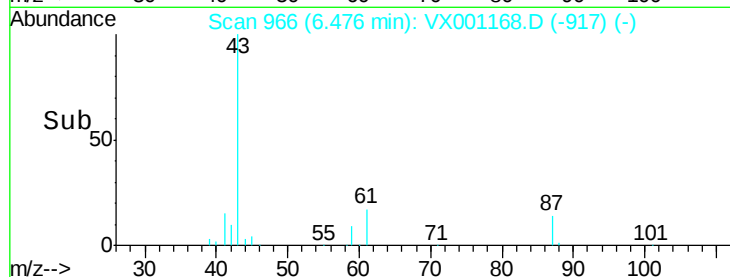
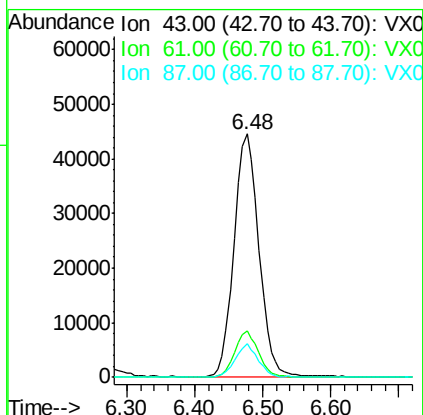
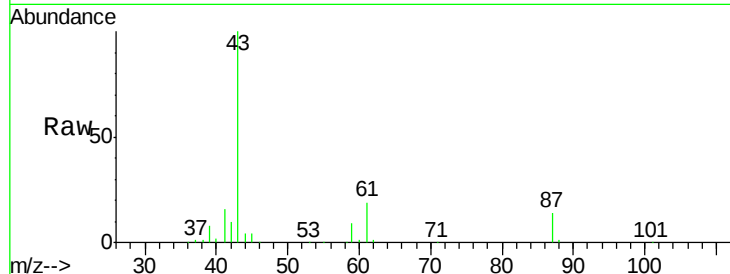




#43
Isopropyl Acetate
Concen: 17.955 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

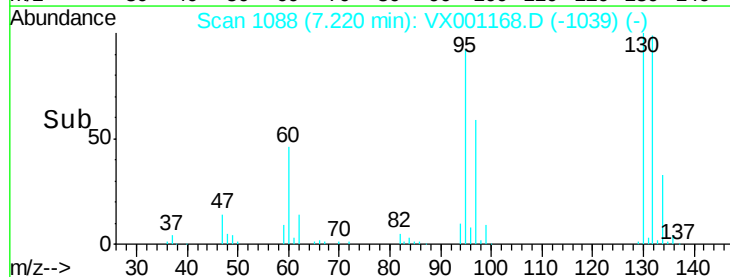
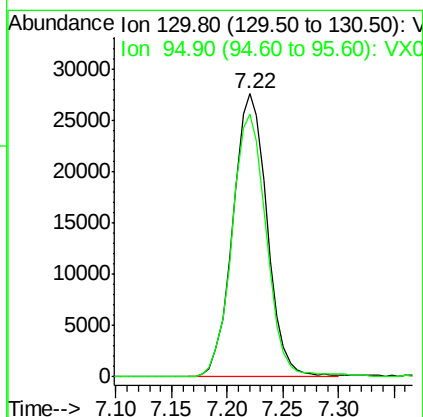
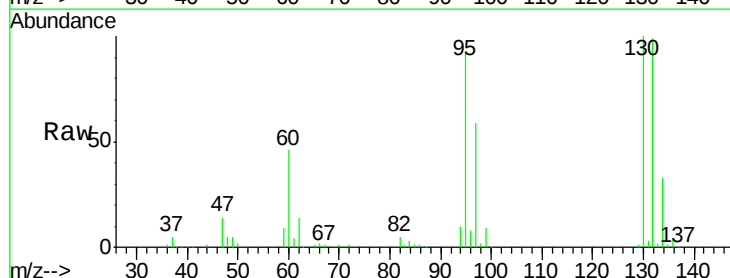
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

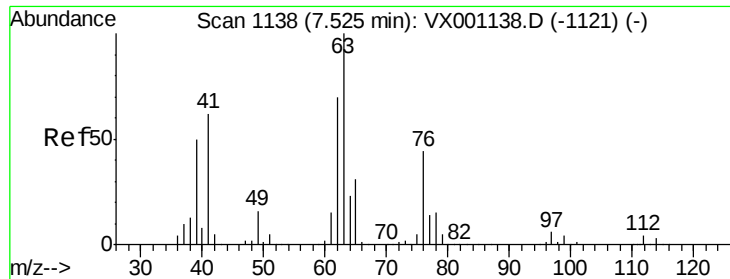
Tgt Ion: 43 Resp: 113666
Ion Ratio Lower Upper
43 100
61 18.1 15.0 22.6
87 12.6 10.3 15.5



#44
Trichloroethene
Concen: 20.283 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion: 130 Resp: 58839
Ion Ratio Lower Upper
130 100
95 92.8 0.0 189.6

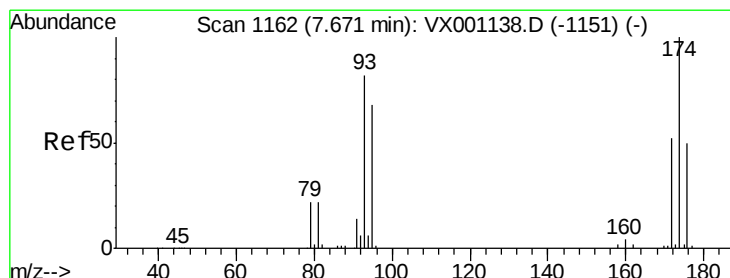
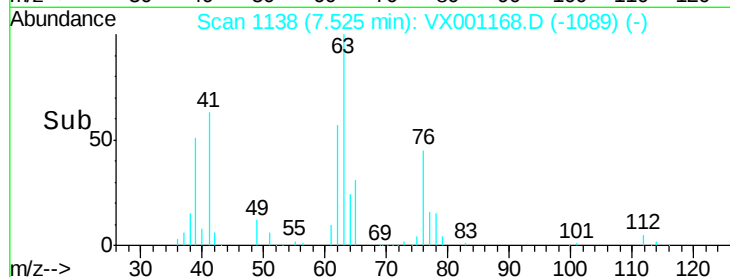
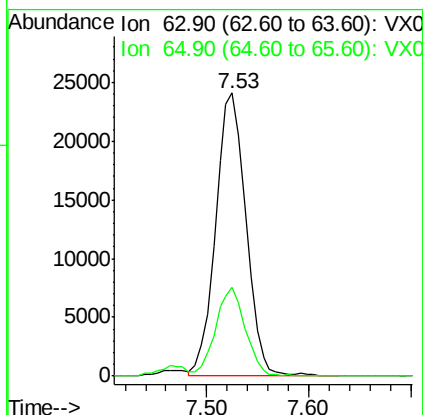
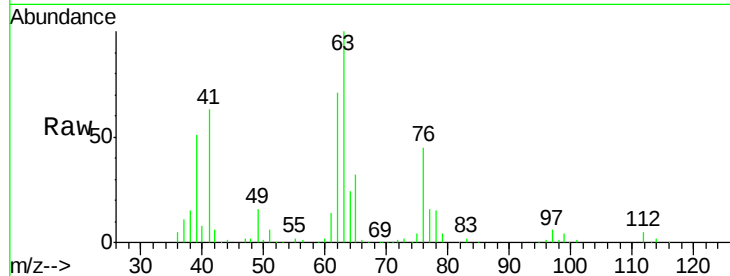




#45
 1,2-Dichloropropane
 Concen: 19.541 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

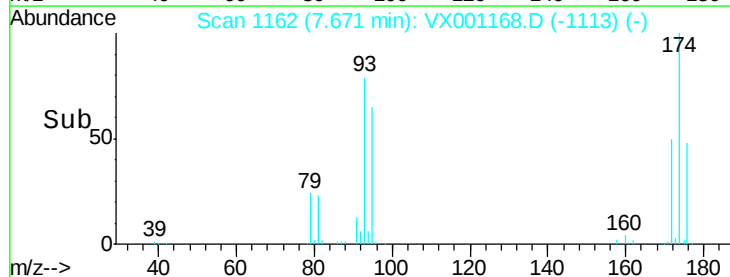
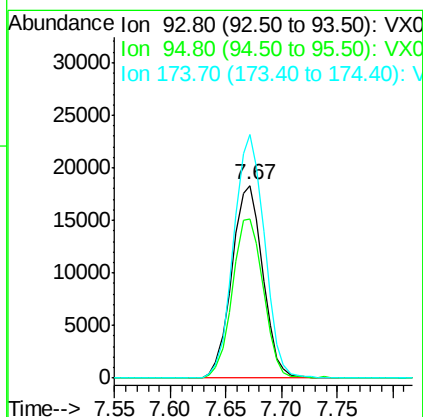
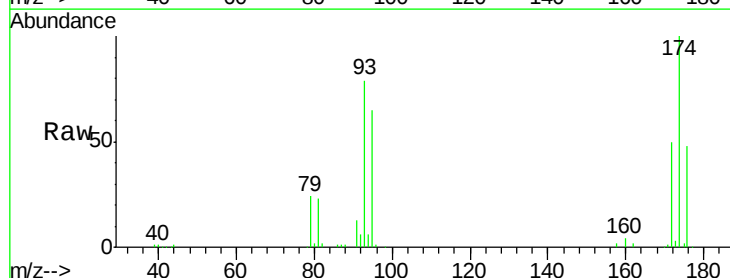
Instrument :
 MSVOA_X
 ClientSampled :
 VX0427WBS01

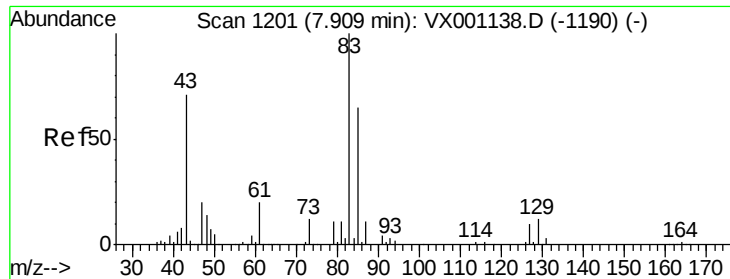
Tgt Ion: 63 Resp: 50045
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3



#46
 Dibromomethane
 Concen: 19.903 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 93 Resp: 35297
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 126.0 99.6 149.4

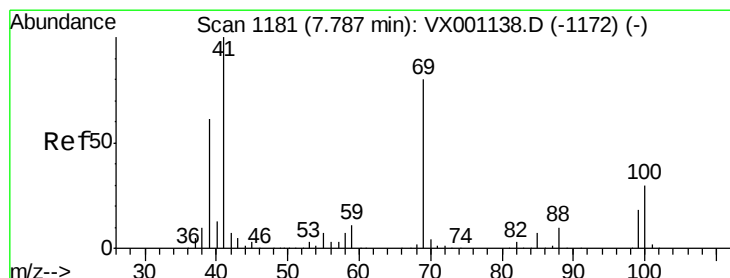
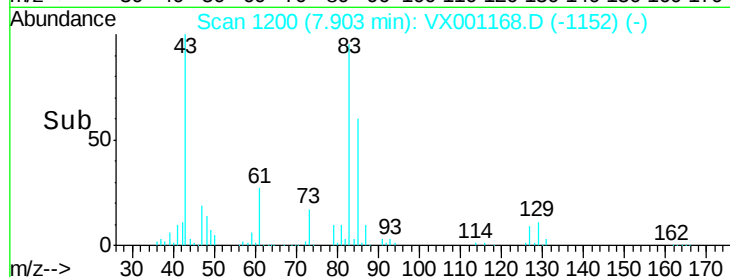
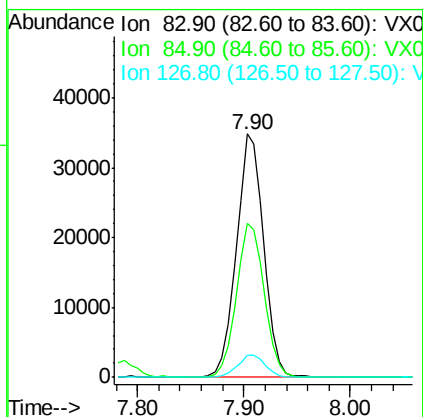
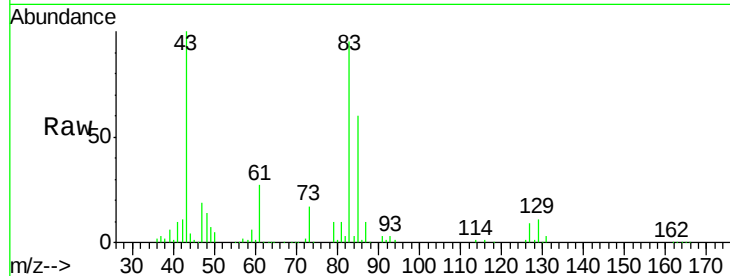




#47
 Bromodichloromethane
 Concen: 19.417 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

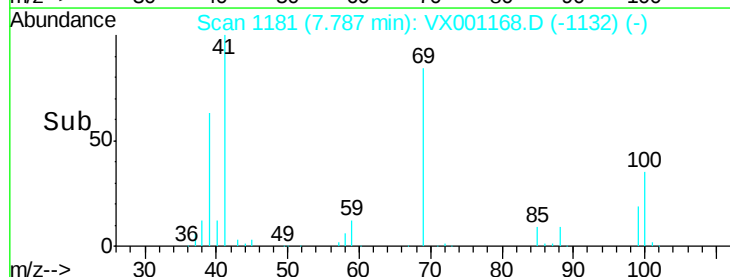
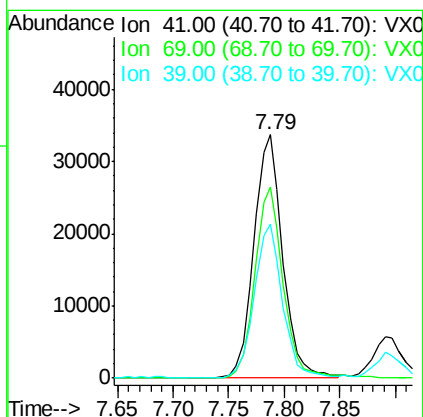
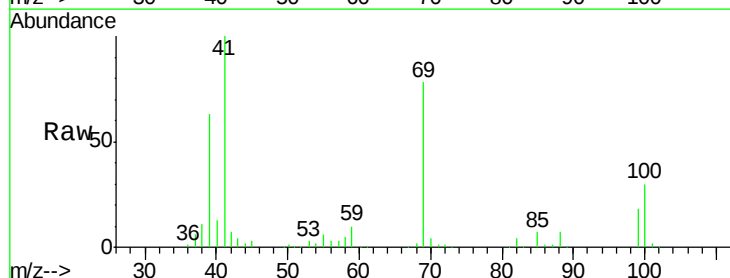
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

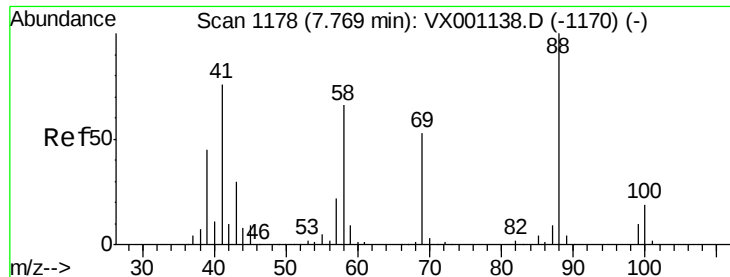
Tgt Ion: 83 Resp: 62566
 Ion Ratio Lower Upper
 83 100
 85 63.2 51.9 77.9
 127 9.0 7.7 11.5



#48
 Methyl methacrylate
 Concen: 17.946 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 41 Resp: 60389
 Ion Ratio Lower Upper
 41 100
 69 77.7 62.4 93.6
 39 62.8 48.7 73.1

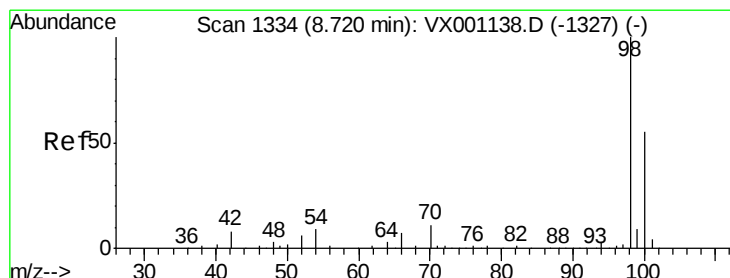
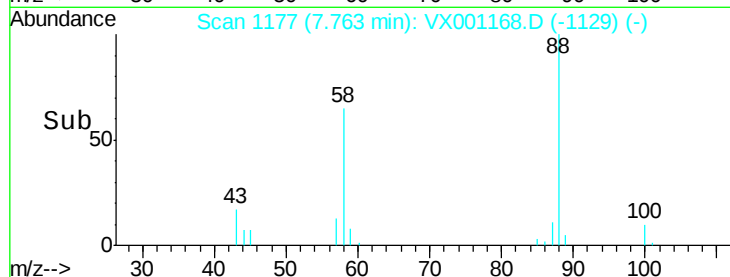
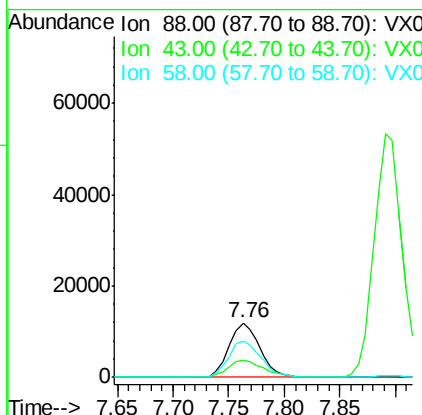
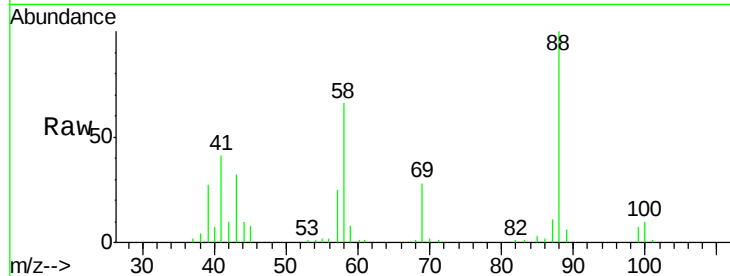




#49
 1,4-Dioxane
 Concen: 336.525 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

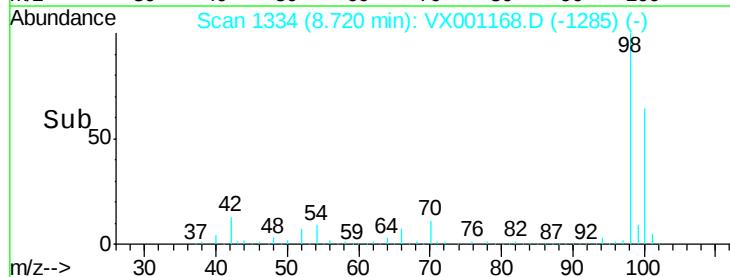
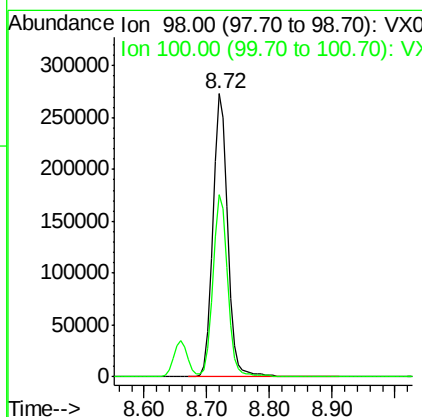
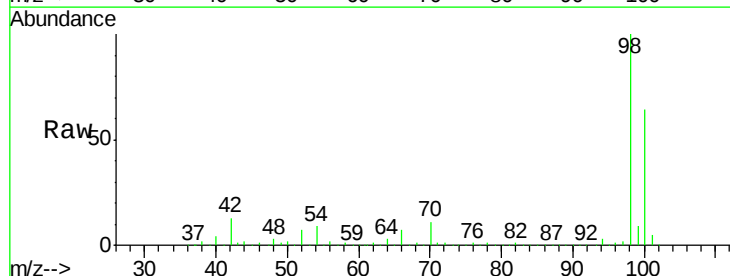
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

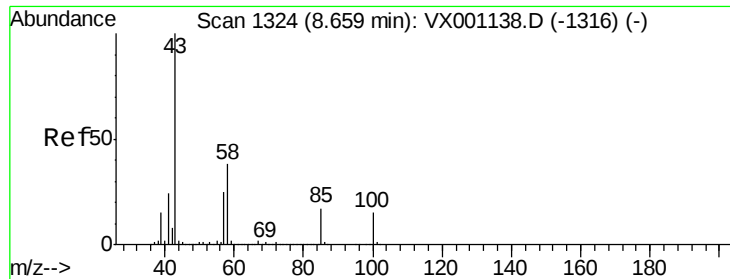
Tgt Ion: 88 Resp: 22672
 Ion Ratio Lower Upper
 88 100
 43 36.6 27.3 40.9
 58 70.9 54.2 81.4



#50
 Toluene-d8
 Concen: 46.660 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 98 Resp: 445195
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.8 77.6

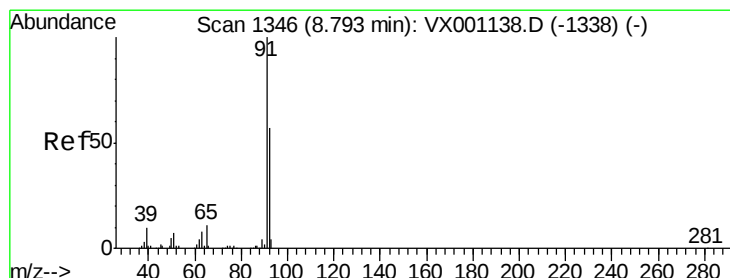
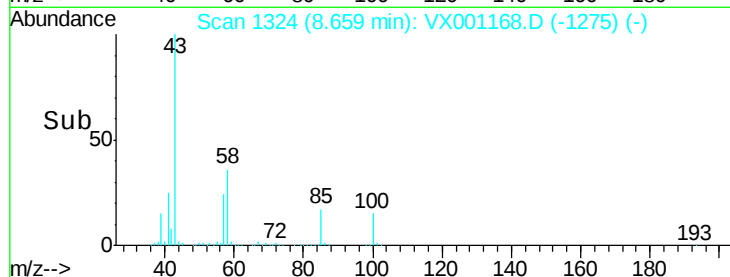
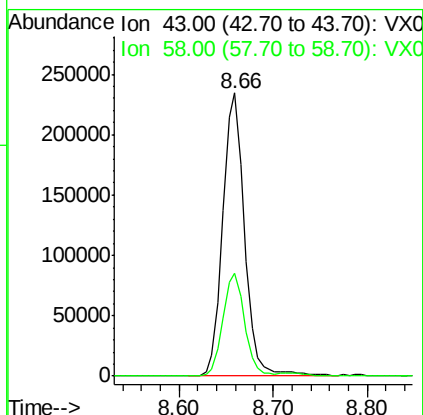
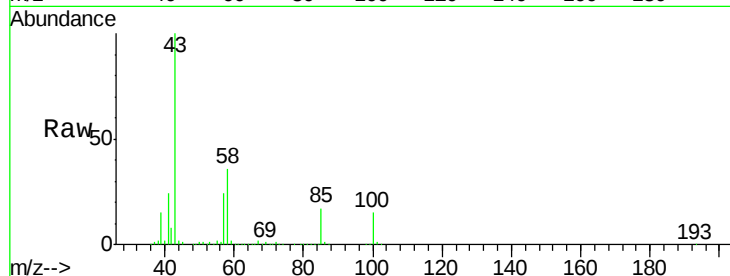




#51
 4-Methyl-2-Pentanone
 Concen: 90.861 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

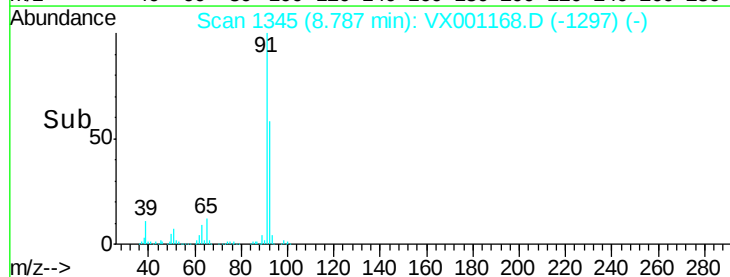
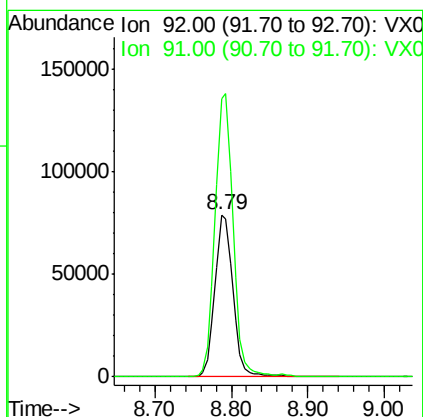
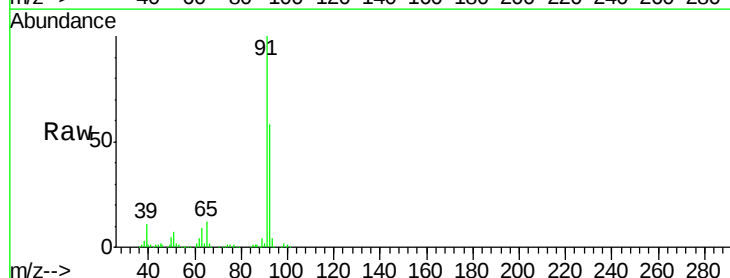
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

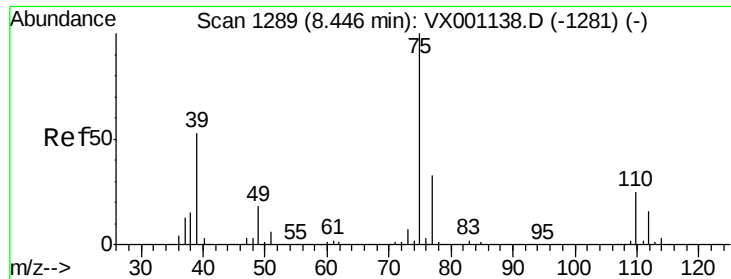
Tgt Ion: 43 Resp: 377845
 Ion Ratio Lower Upper
 43 100
 58 36.0 30.2 45.2



#52
 Toluene
 Concen: 20.473 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 92 Resp: 130363
 Ion Ratio Lower Upper
 92 100
 91 175.7 139.8 209.6

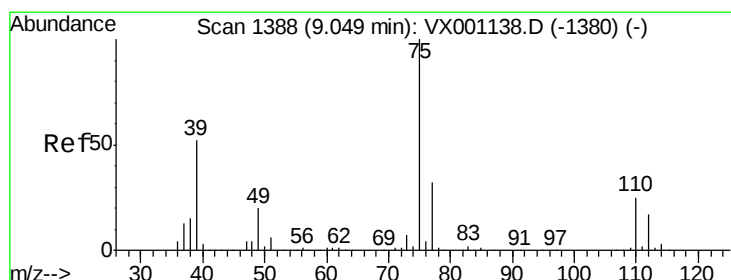
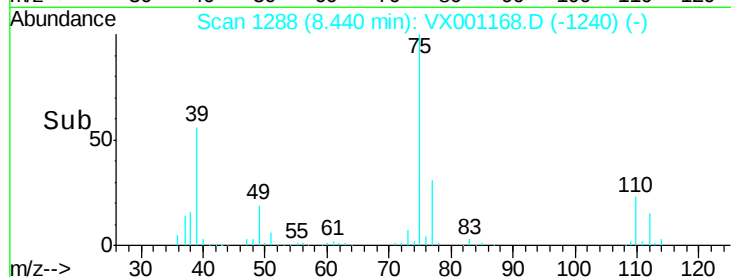
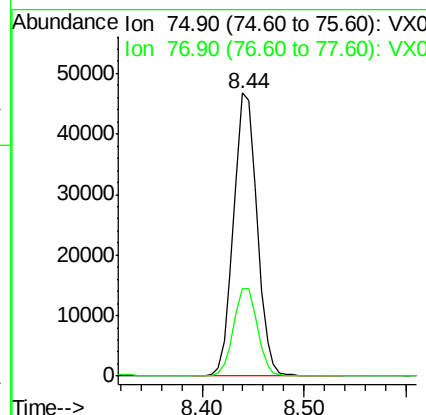
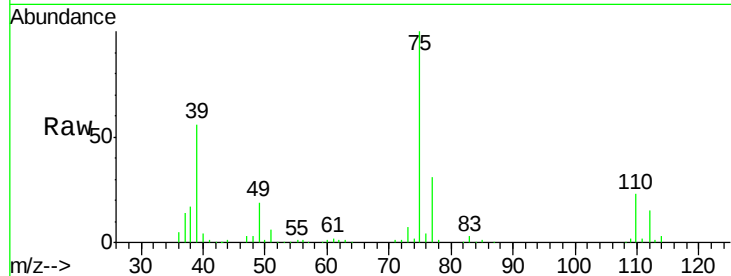




#53
 t-1,3-Dichloropropene
 Concen: 19.774 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

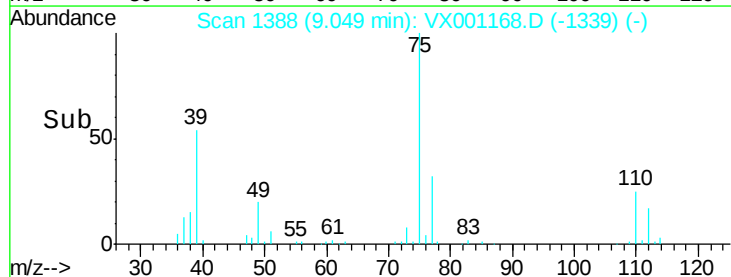
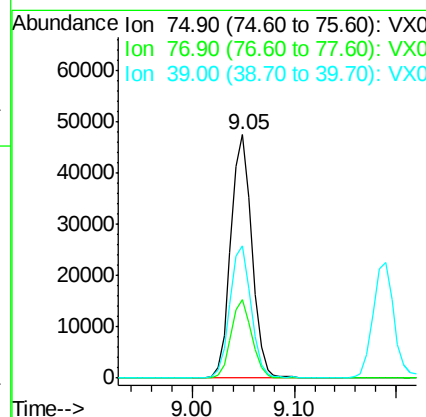
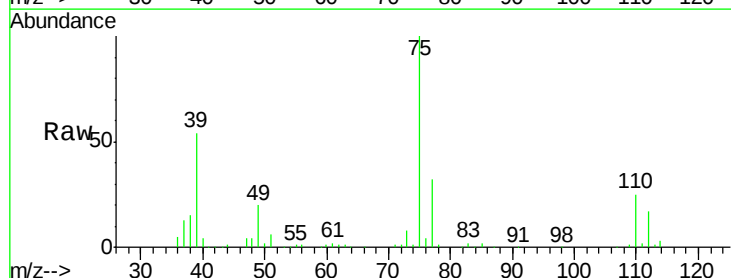
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

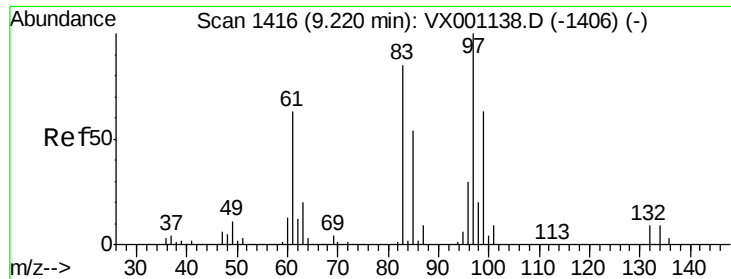
Tgt Ion: 75 Resp: 74072
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.802 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion: 75 Resp: 67827
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2
 39 54.3 42.0 63.0

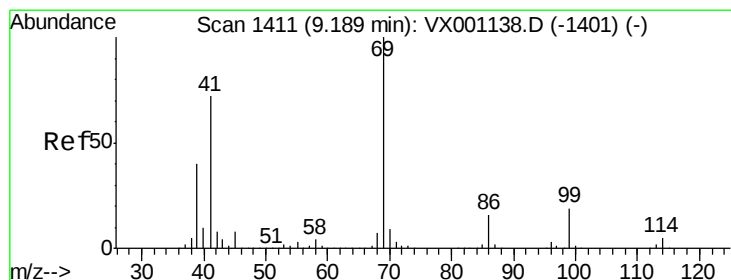
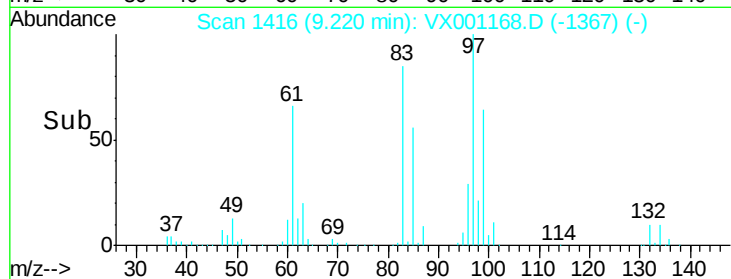
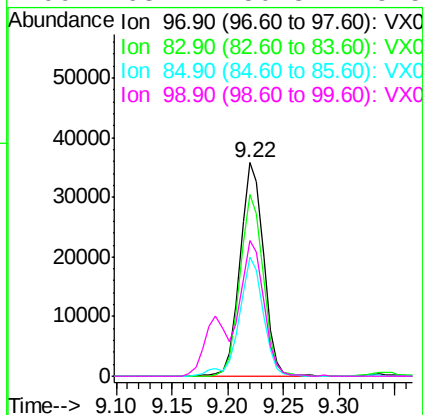
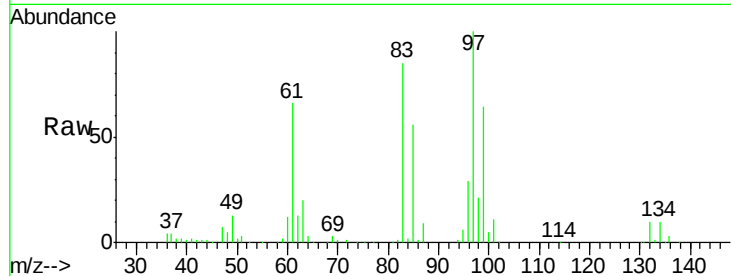




#55
 1,1,2-Trichloroethane
 Concen: 19.472 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

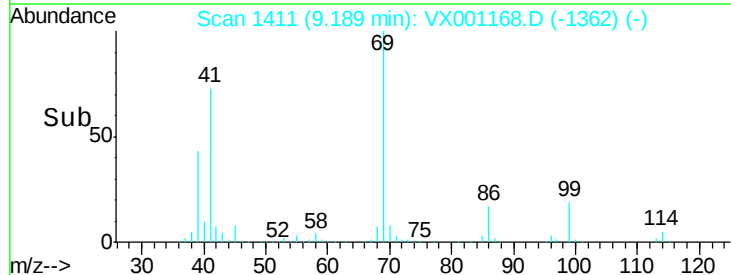
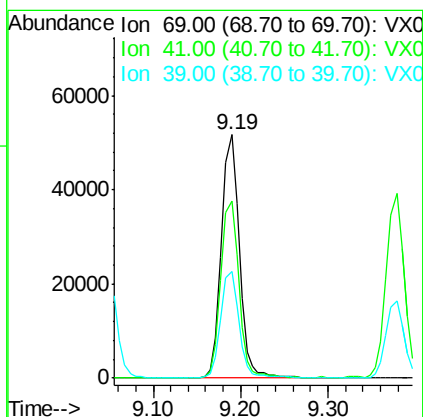
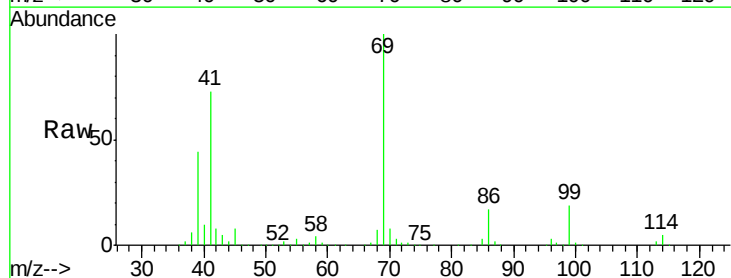
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

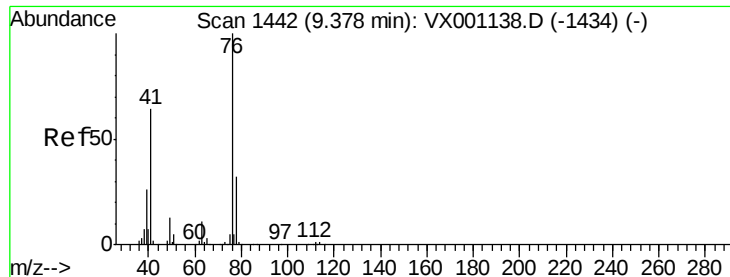
Tgt Ion:	97	Resp:	52458
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.0	102.0
85	55.9	42.9	64.3
99	63.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 18.496 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion:	69	Resp:	73828
Ion	Ratio	Lower	Upper
69	100		
41	72.9	57.7	86.5
39	44.1	33.3	49.9





#57

1,3-Dichloropropane

Concen: 19.807 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

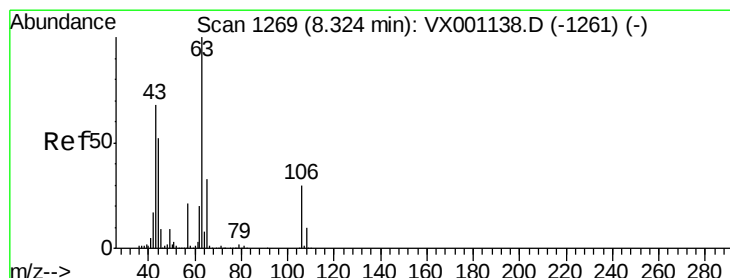
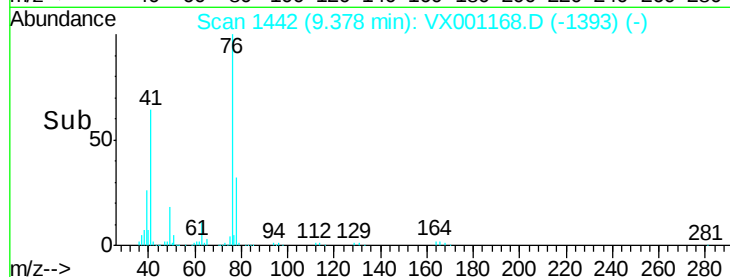
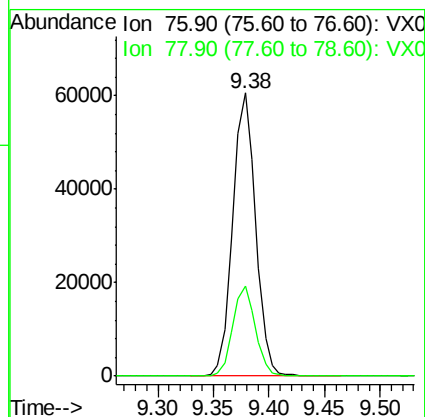
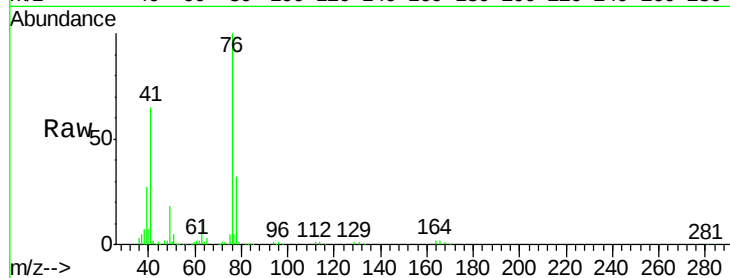
VX0427WBS01

Tgt Ion: 76 Resp: 86324

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 92.866 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001168.D

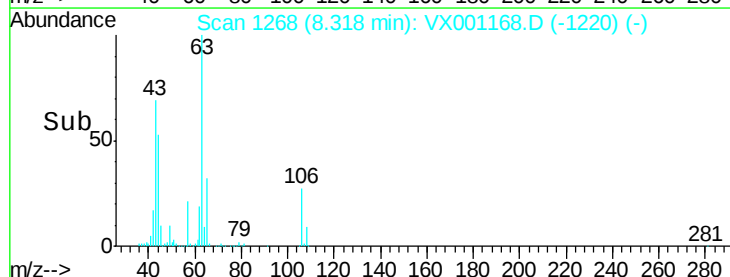
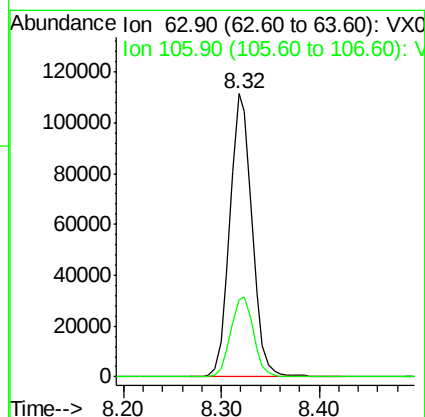
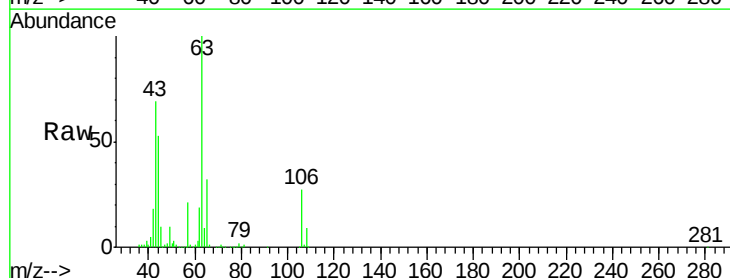
Acq: 27 Apr 2018 14:11

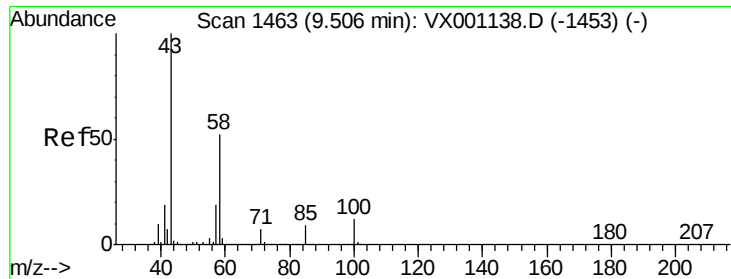
Tgt Ion: 63 Resp: 175239

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5

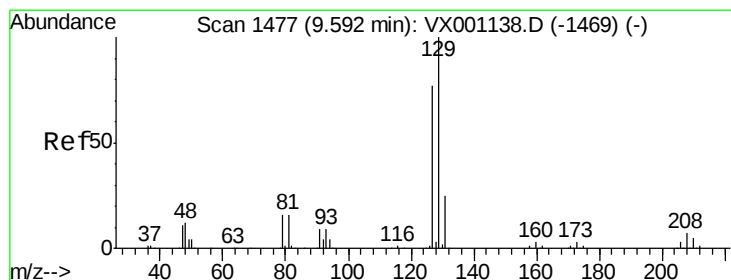
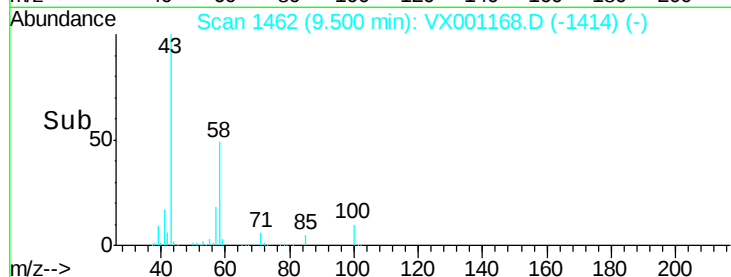
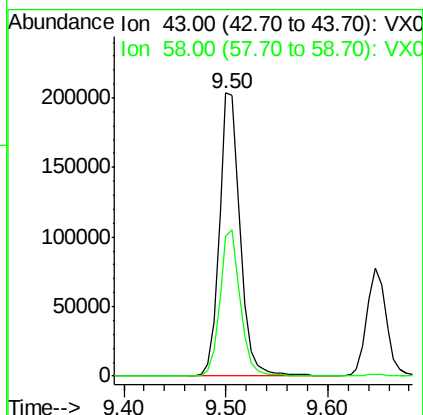
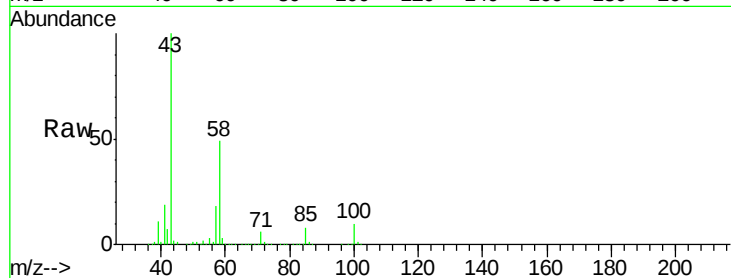




#59
2-Hexanone
Concen: 89.004 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

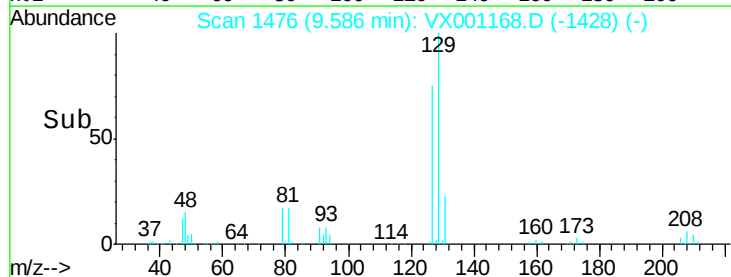
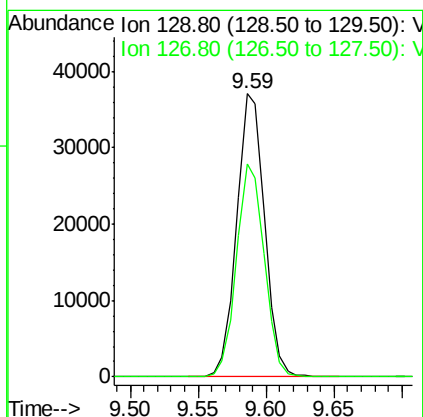
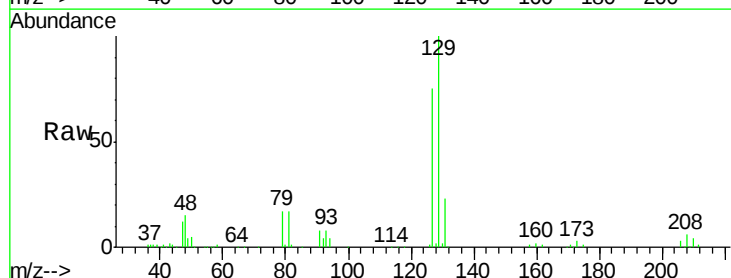
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

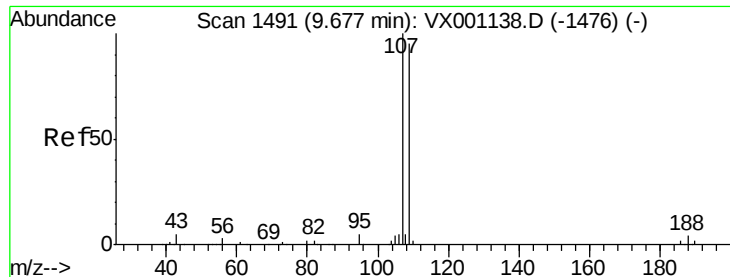
Tgt Ion: 43 Resp: 289999
Ion Ratio Lower Upper
43 100
58 50.9 25.8 77.4



#60
Dibromochloromethane
Concen: 19.014 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion: 129 Resp: 52843
Ion Ratio Lower Upper
129 100
127 75.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.782 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

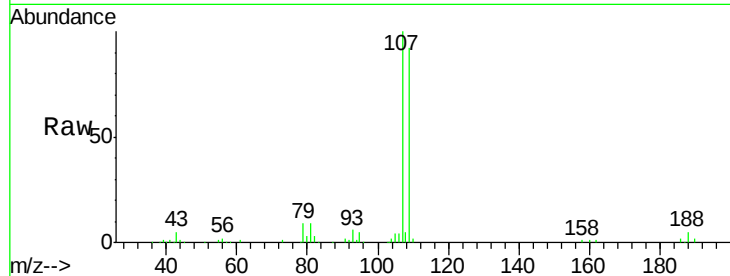
VX0427WBS01

Tgt Ion: 107 Resp: 55832

Ion Ratio Lower Upper

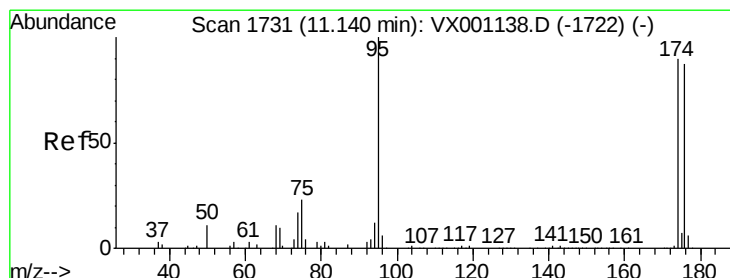
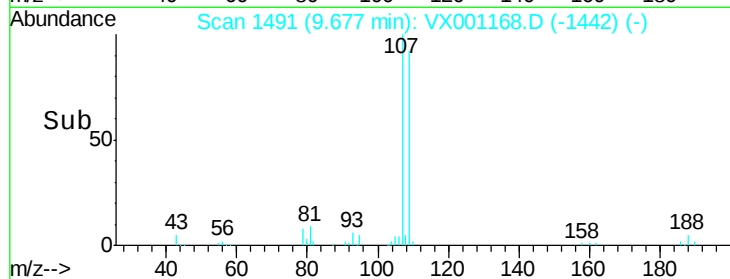
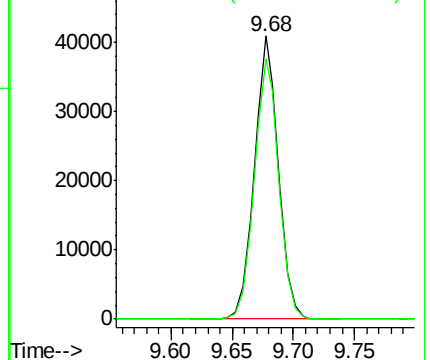
107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.319 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

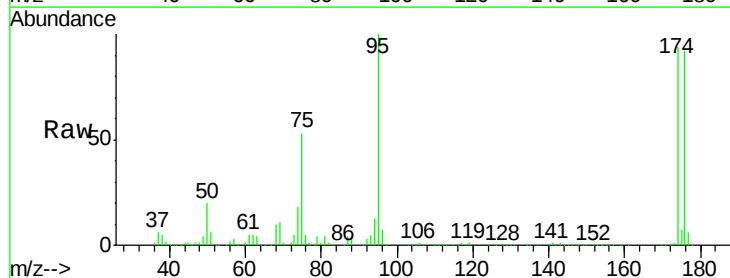
Tgt Ion: 95 Resp: 172645

Ion Ratio Lower Upper

95 100

174 99.5 0.0 194.4

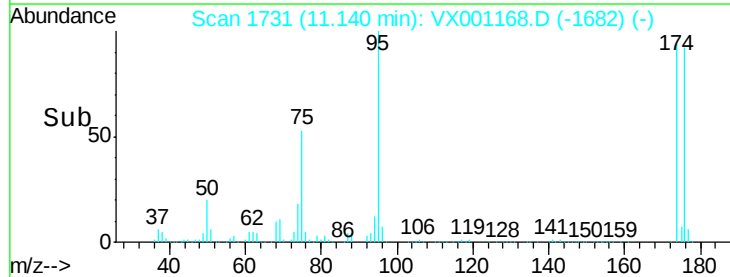
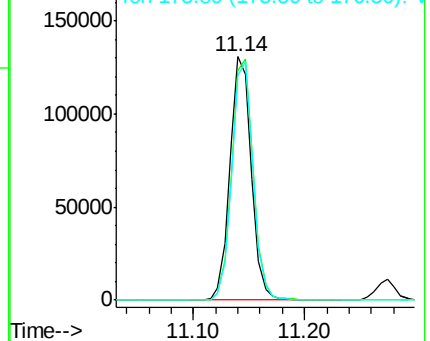
176 97.6 0.0 190.2

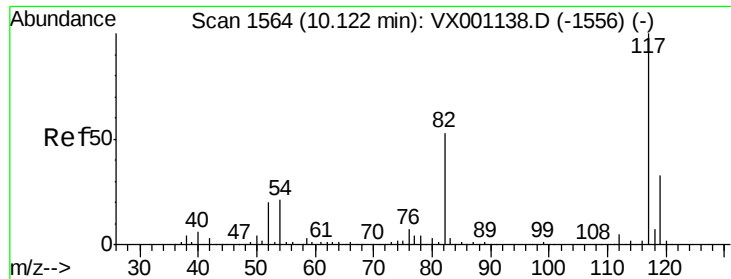


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

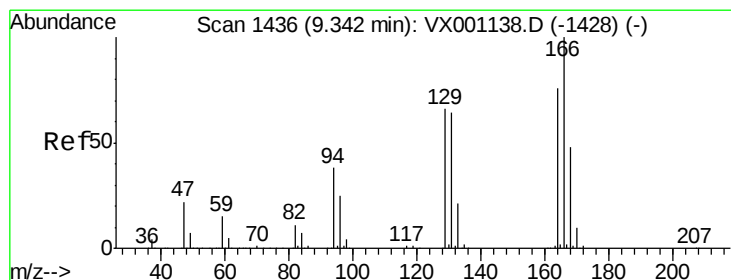
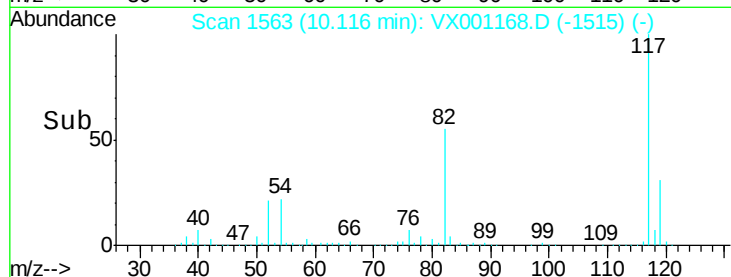
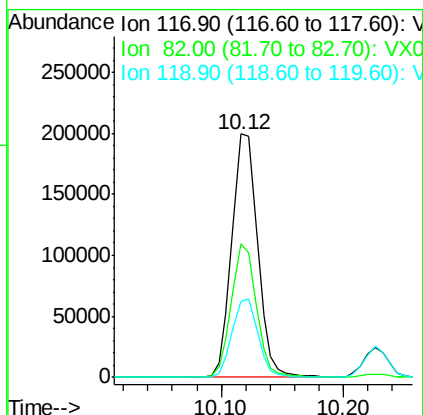
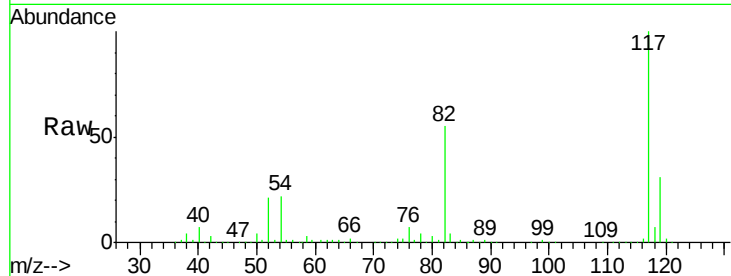




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

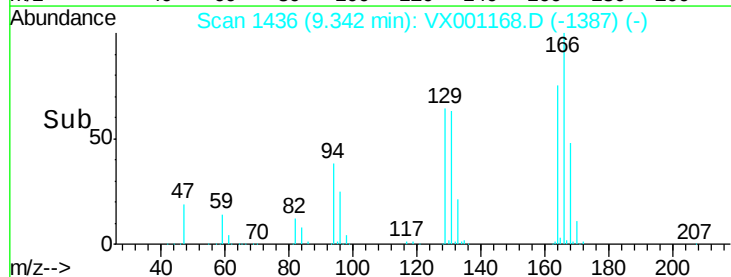
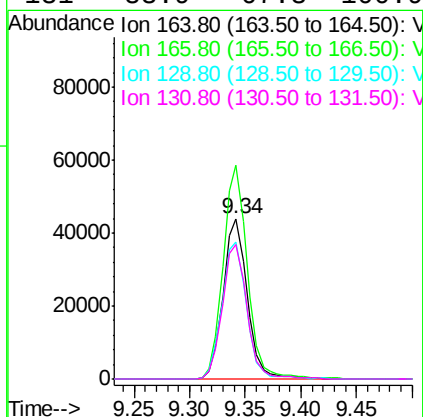
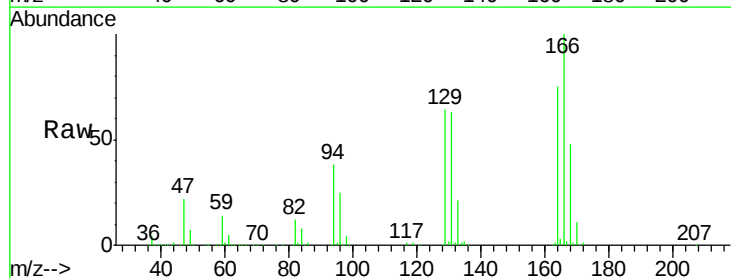
Instrument :
MSVOA_X
ClientSampled :
VX0427WBS01

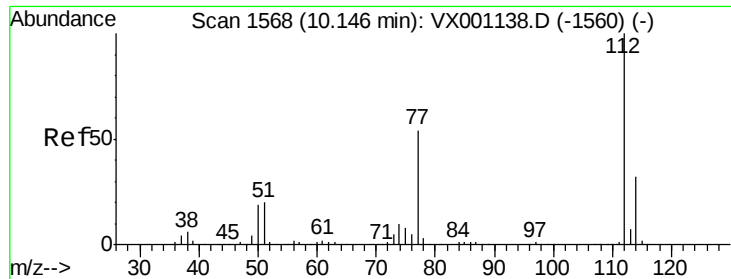
Tgt Ion:117 Resp: 292732
Ion Ratio Lower Upper
117 100
82 55.1 42.1 63.1
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 21.165 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion:164 Resp: 66133
Ion Ratio Lower Upper
164 100
166 133.2 105.0 157.6
129 85.6 69.4 104.2
131 83.9 67.3 100.9





#65

Chlorobenzene

Concen: 19.875 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

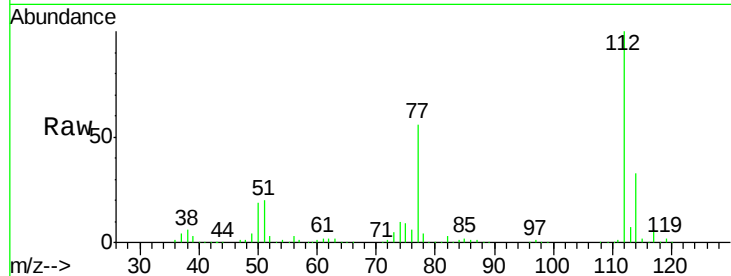
VX0427WBS01

Tgt Ion:112 Resp: 152432

Ion Ratio Lower Upper

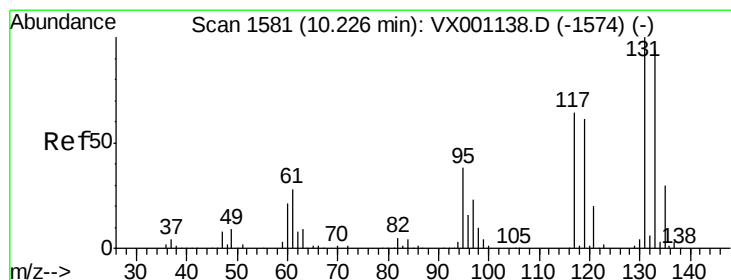
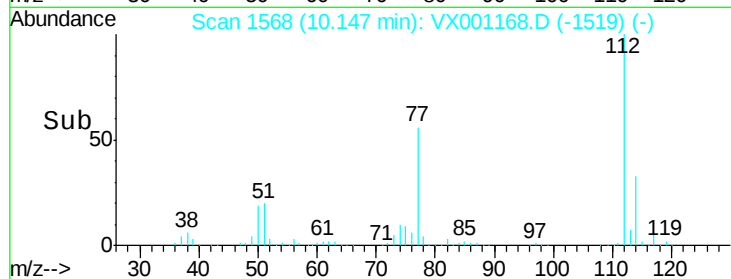
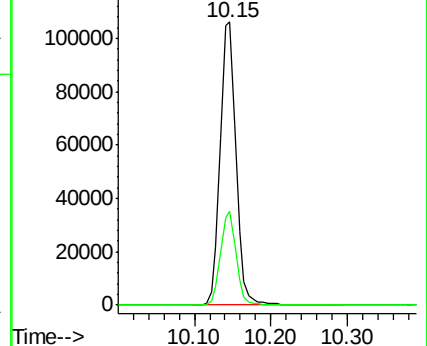
112 100

114 33.1 25.7 38.5



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: 19.820 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

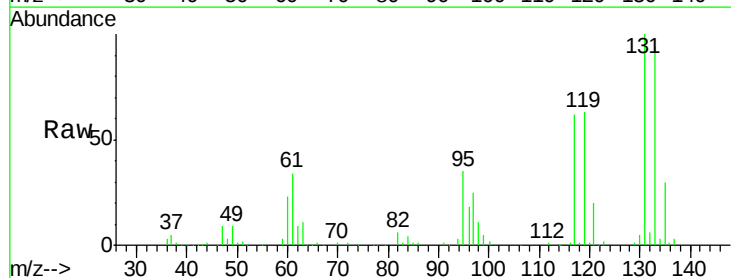
Tgt Ion:131 Resp: 52594

Ion Ratio Lower Upper

131 100

133 97.3 47.8 143.4

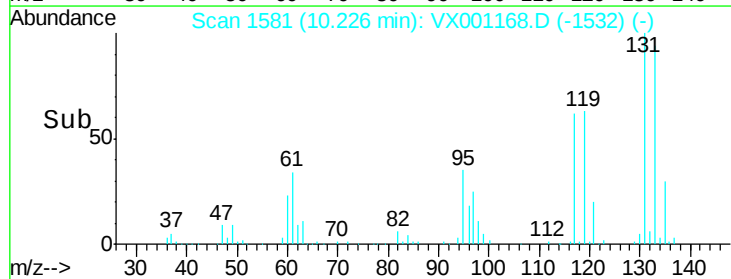
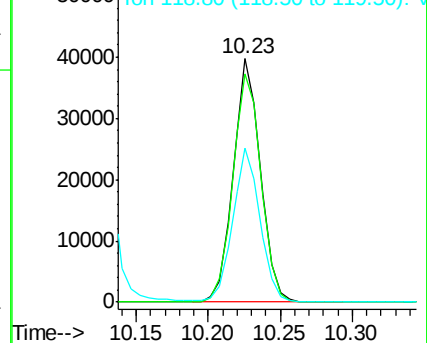
119 63.9 31.3 93.8

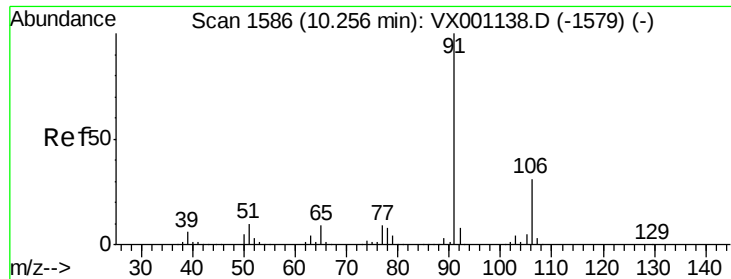


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

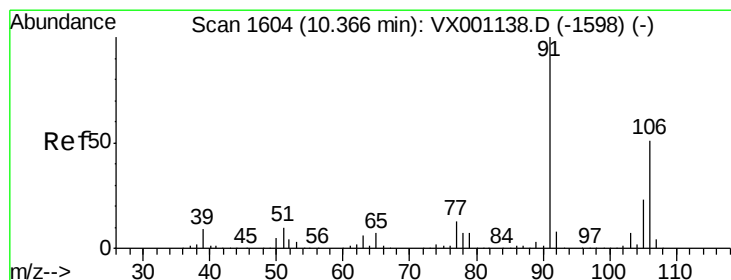
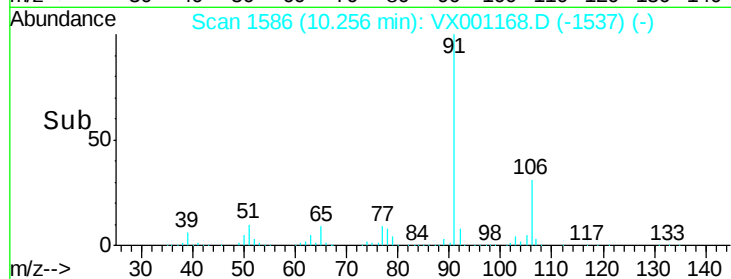
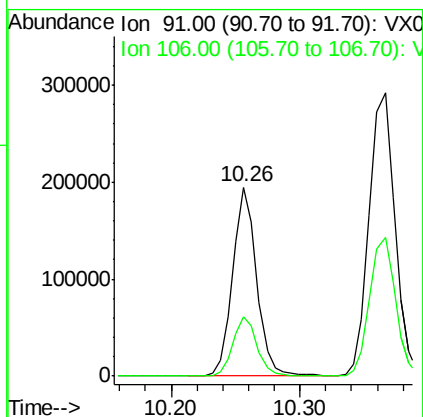
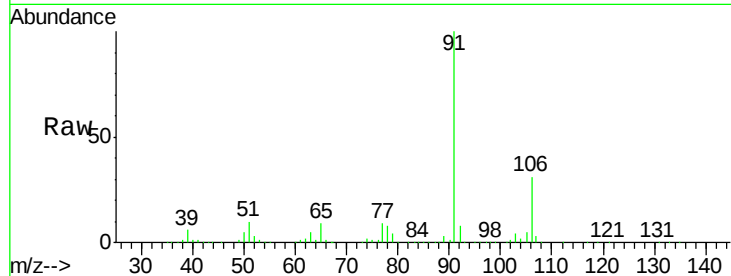




#67
Ethyl Benzene
Concen: 20.480 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

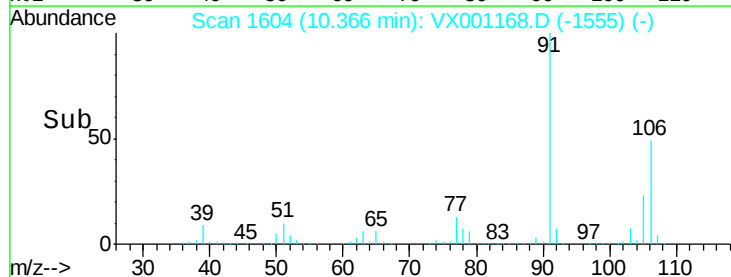
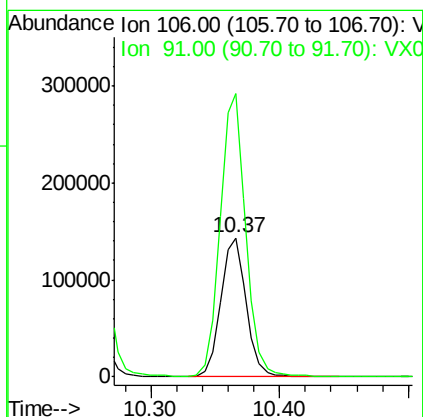
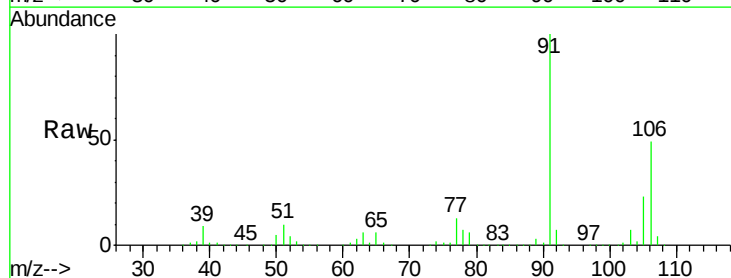
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

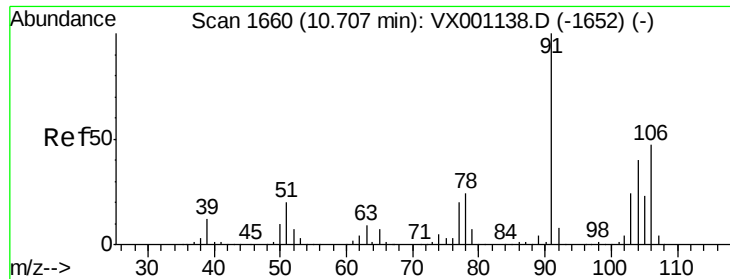
Tgt Ion: 91 Resp: 255204
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2



#68
m/p-Xylenes
Concen: 40.302 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion: 106 Resp: 198542
Ion Ratio Lower Upper
106 100
91 206.0 160.9 241.3

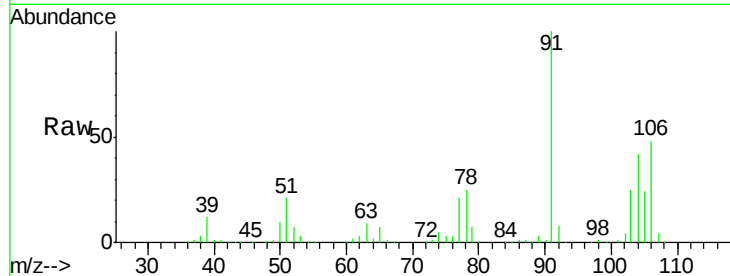




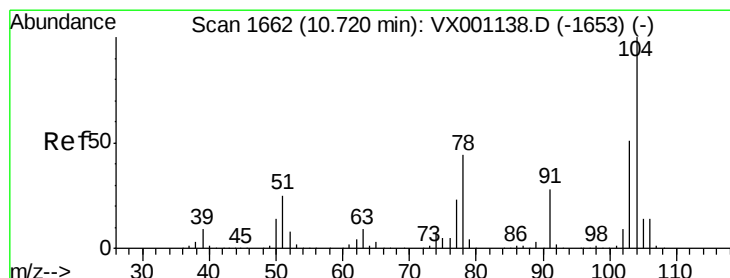
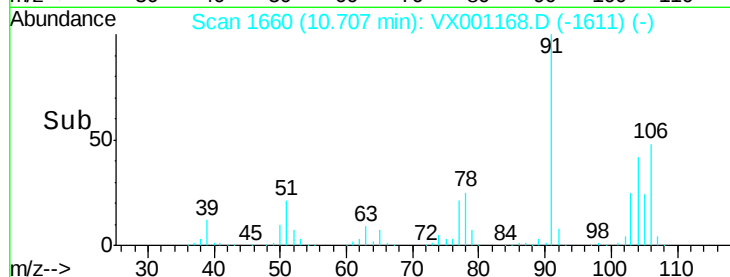
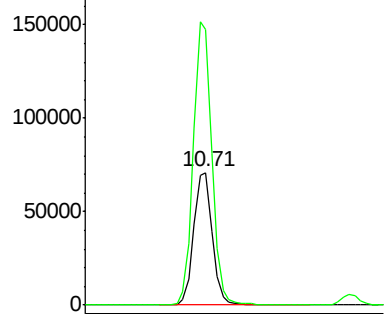
#69
o-Xylene
Concen: 20.392 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

Tgt Ion:106 Resp: 97437
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.5

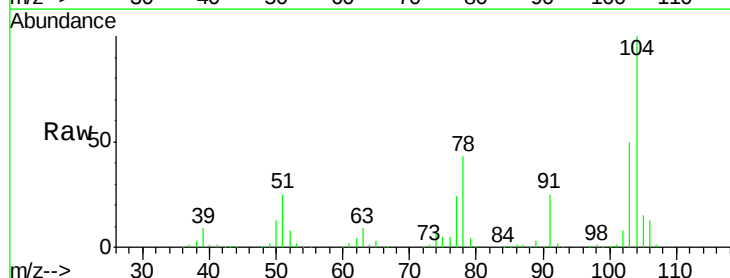


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

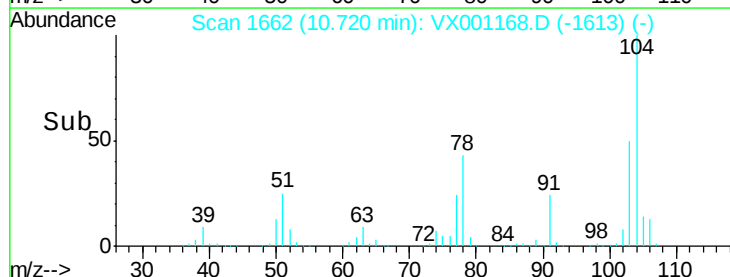
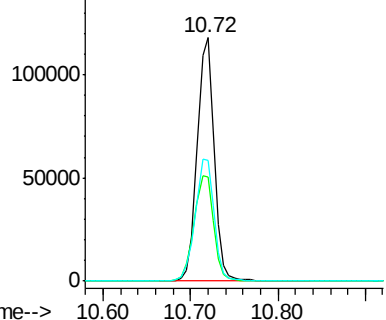


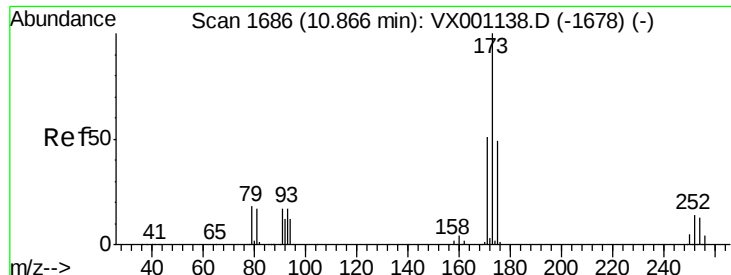
#70
Styrene
Concen: 19.990 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion:104 Resp: 158963
Ion Ratio Lower Upper
104 100
78 49.9 40.3 60.5
103 55.7 44.3 66.5



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





#71

Bromoform

Concen: 18.227 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

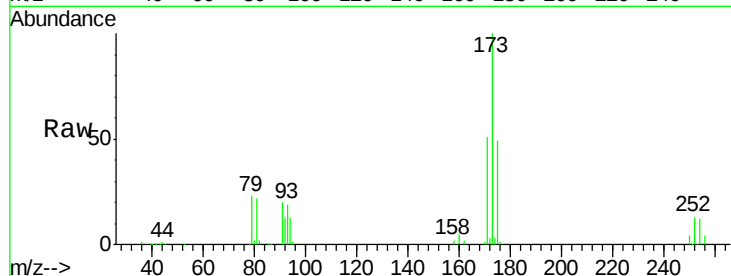
Tgt Ion:173 Resp: 41127

Ion Ratio Lower Upper

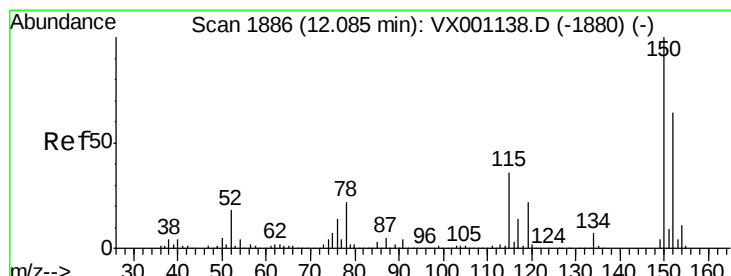
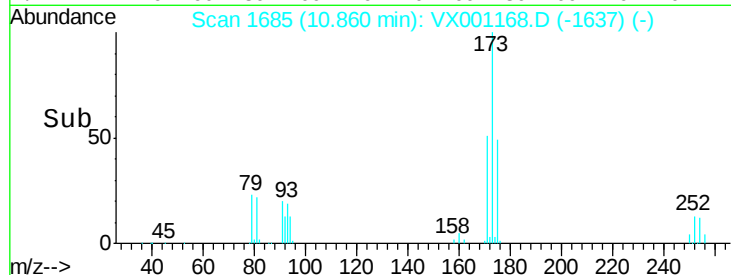
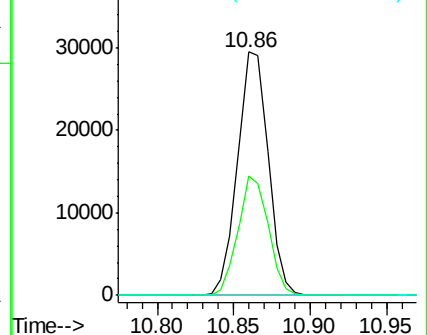
173 100

175 48.5 24.6 73.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

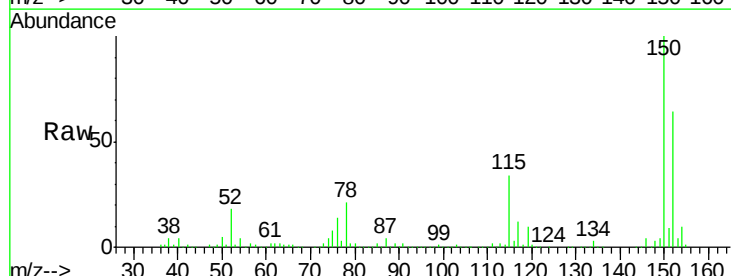
Tgt Ion:152 Resp: 199968

Ion Ratio Lower Upper

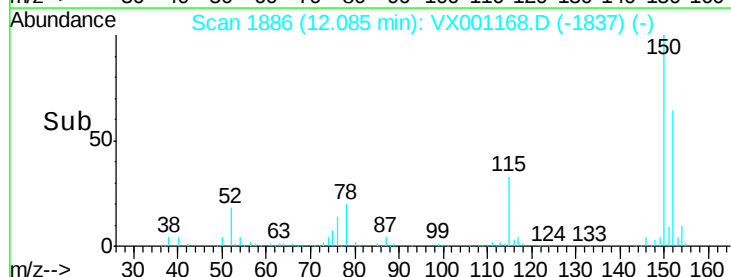
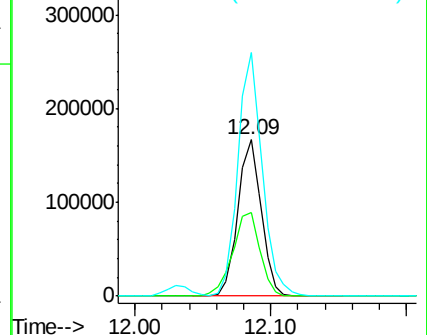
152 100

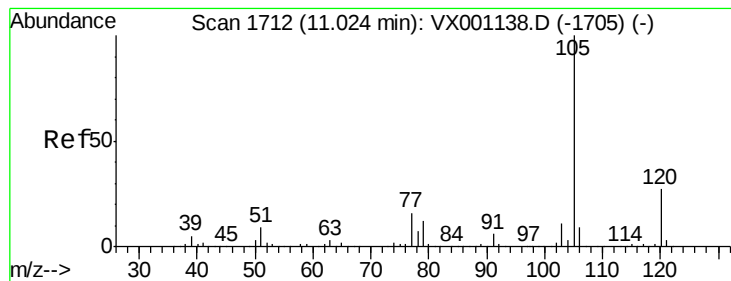
115 62.5 38.0 114.0

150 161.7 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.998 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

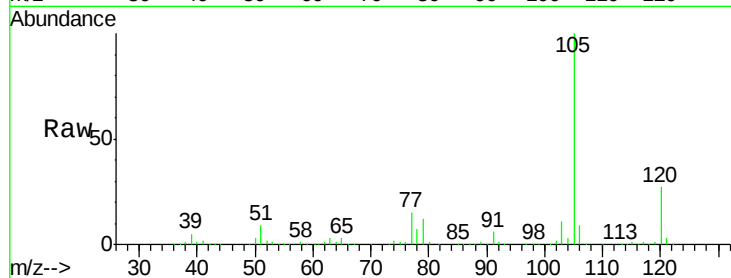
VX0427WBS01

Tgt Ion:105 Resp: 260648

Ion Ratio Lower Upper

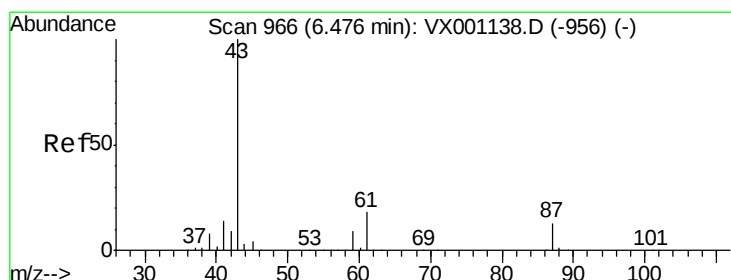
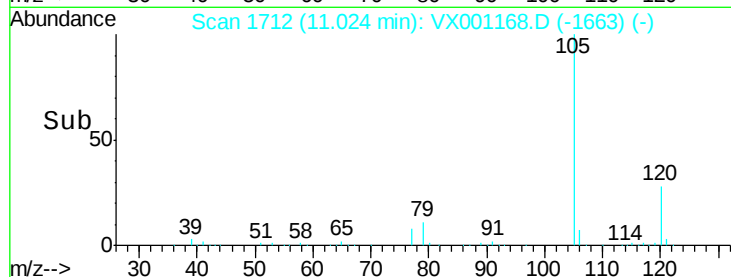
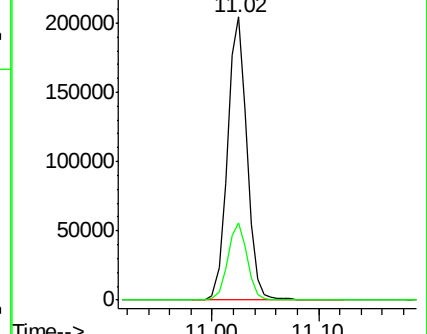
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.307 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Tgt Ion: 43 Resp: 113666

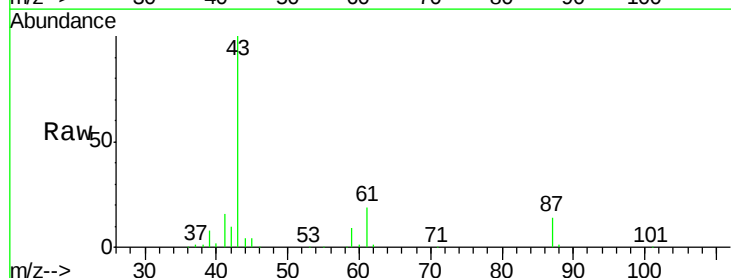
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 15.0 22.6

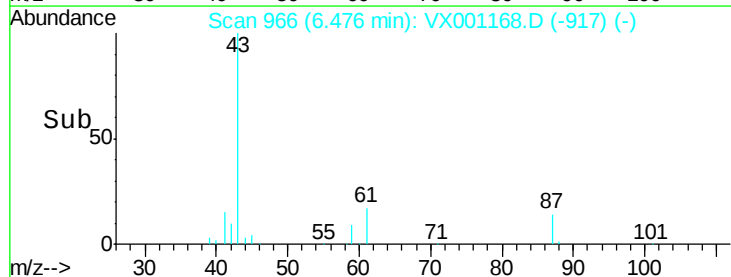
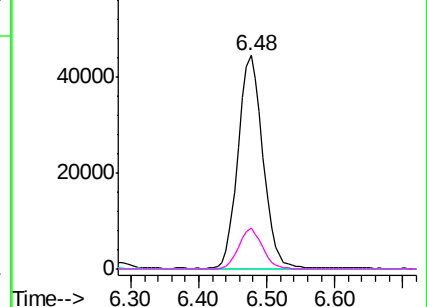


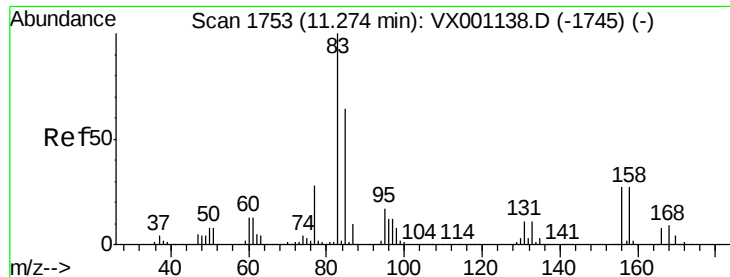
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.875 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

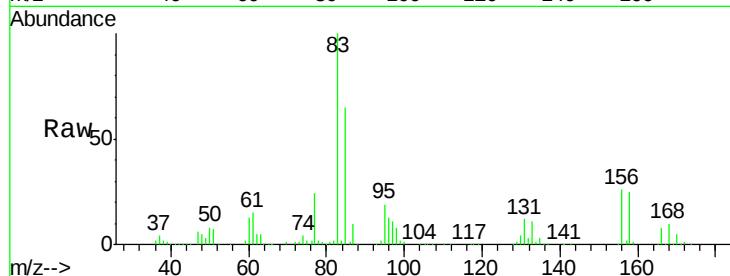
Tgt Ion: 83 Resp: 77300

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.4

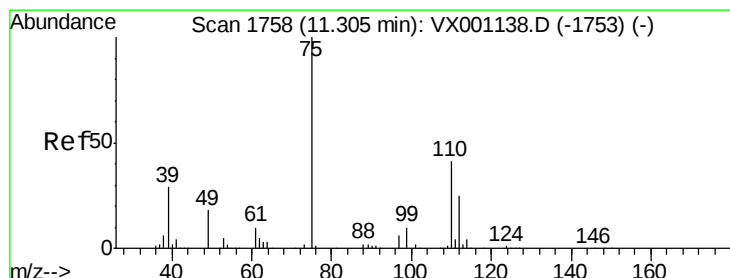
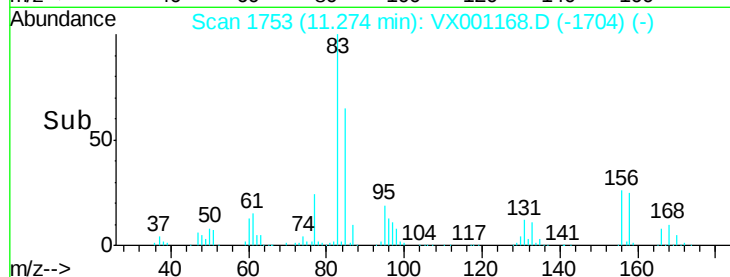
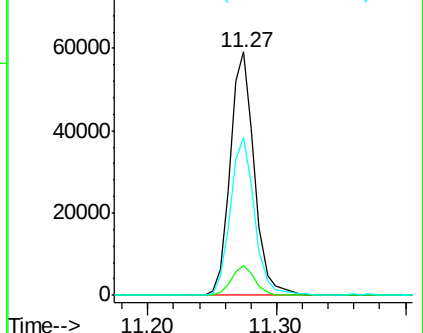
85 65.4 32.1 96.3



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: 20.508 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001168.D

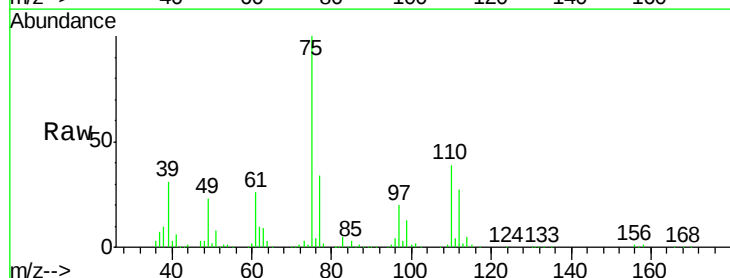
Acq: 27 Apr 2018 14:11

Tgt Ion: 75 Resp: 83507

Ion Ratio Lower Upper

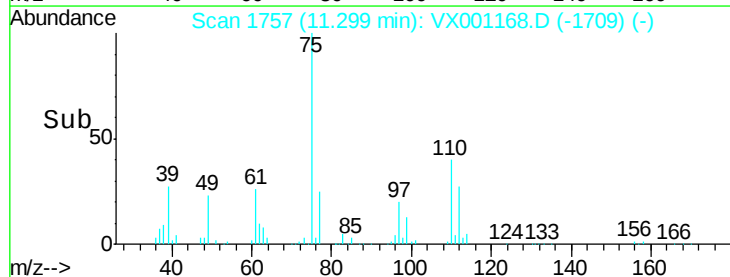
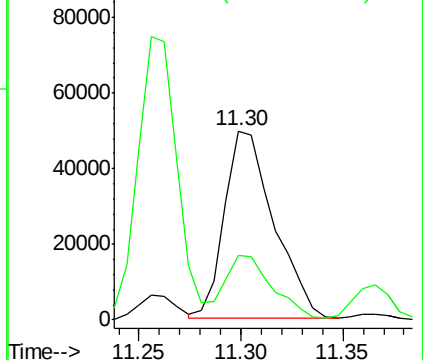
75 100

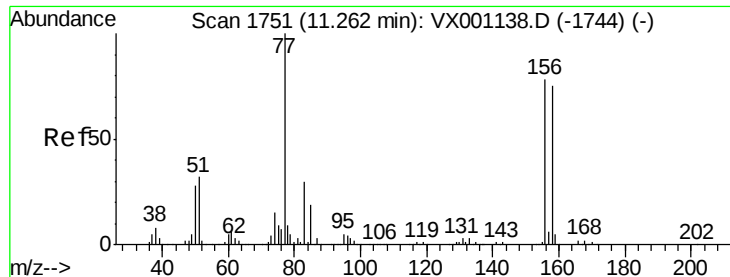
77 33.9 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.543 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

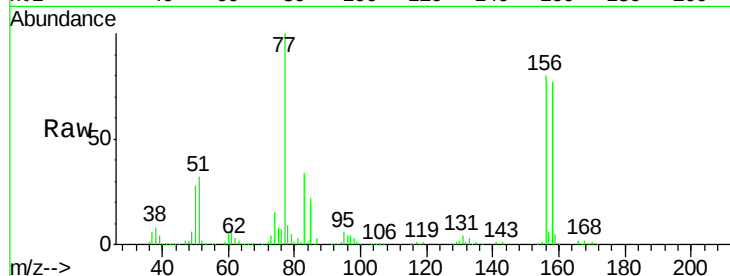
Tgt Ion:156 Resp: 75533

Ion Ratio Lower Upper

156 100

77 131.5 67.8 203.2

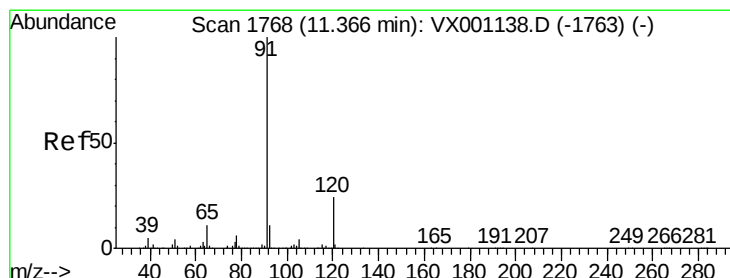
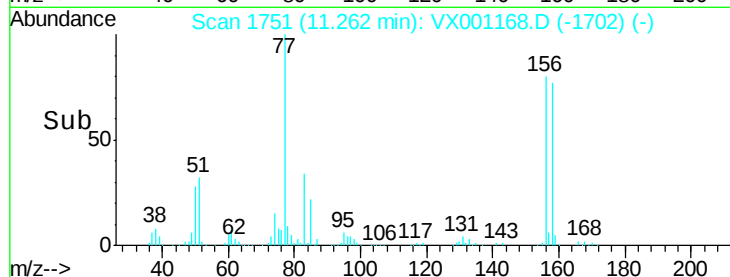
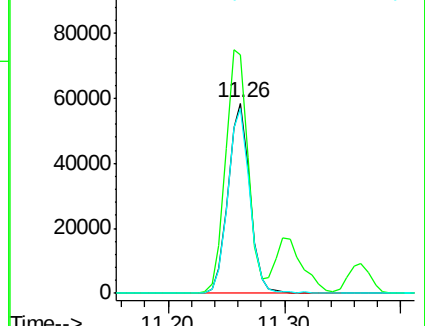
158 97.4 48.9 146.7



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: 20.719 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001168.D

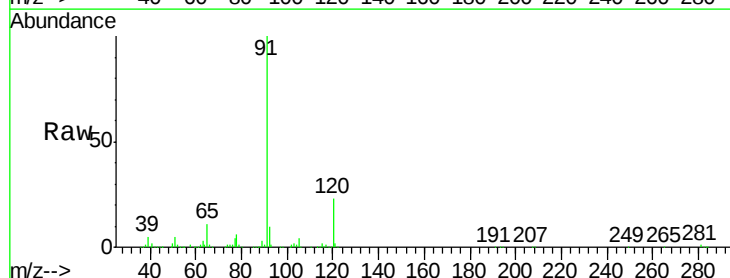
Acq: 27 Apr 2018 14:11

Tgt Ion: 91 Resp: 301124

Ion Ratio Lower Upper

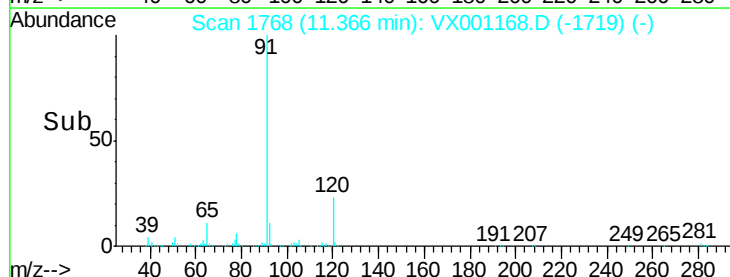
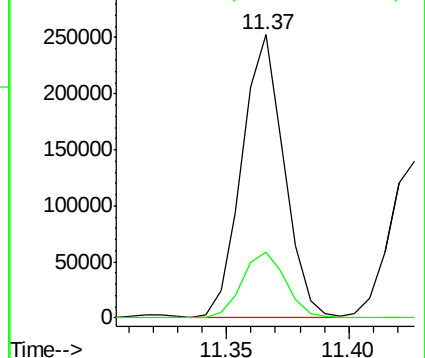
91 100

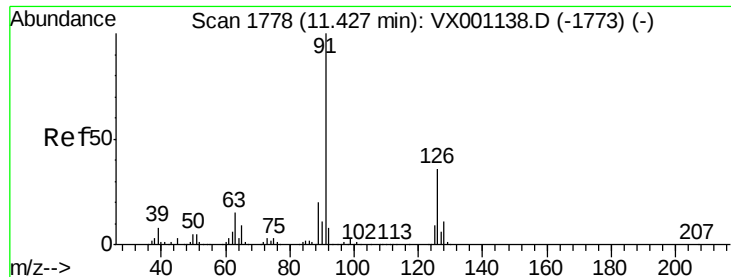
120 24.2 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.669 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

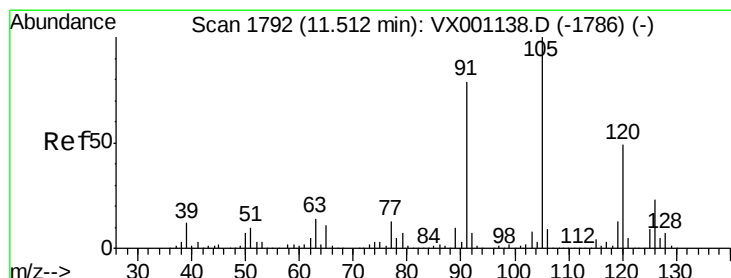
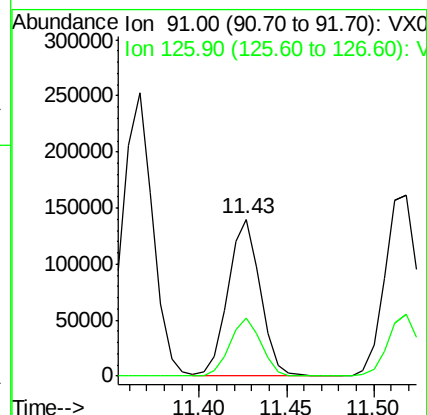
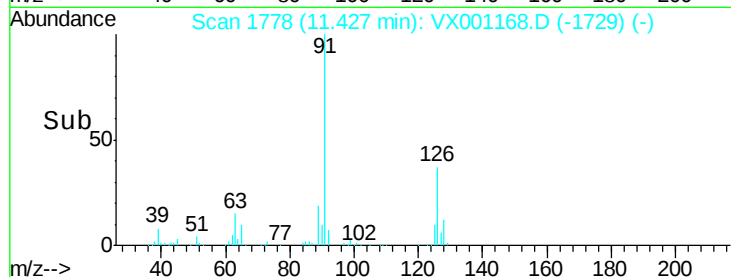
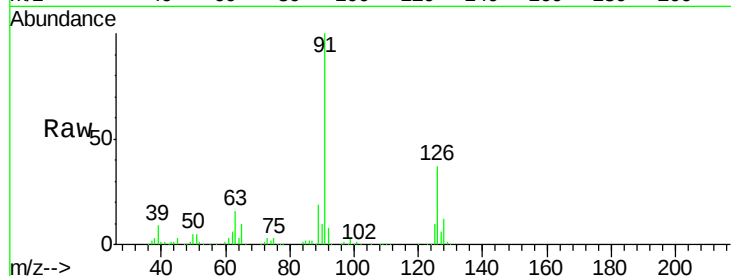
VX0427WBS01

Tgt Ion: 91 Resp: 177198

Ion Ratio Lower Upper

91 100

126 36.7 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 20.215 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001168.D

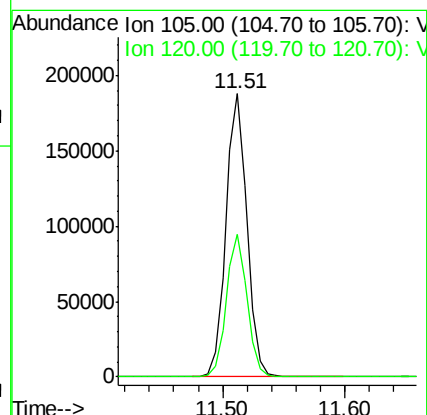
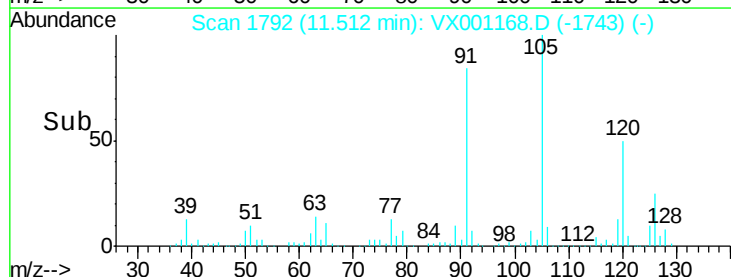
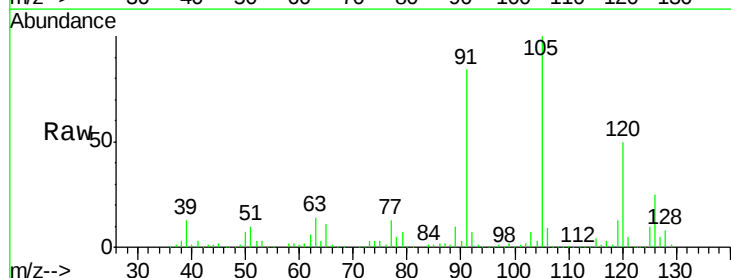
Acq: 27 Apr 2018 14:11

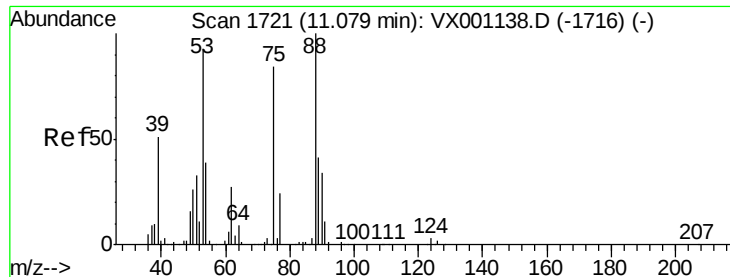
Tgt Ion: 105 Resp: 223073

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.679 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS01

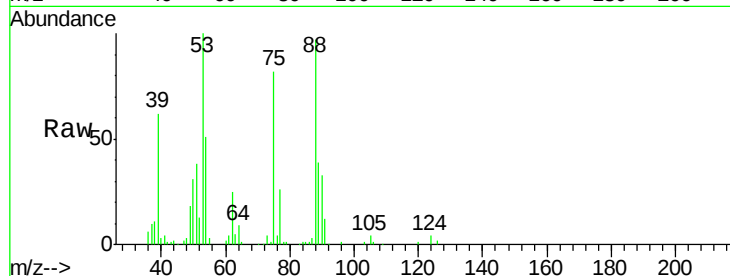
Tgt Ion: 75 Resp: 16452

Ion Ratio Lower Upper

75 100

53 126.5 87.9 131.9

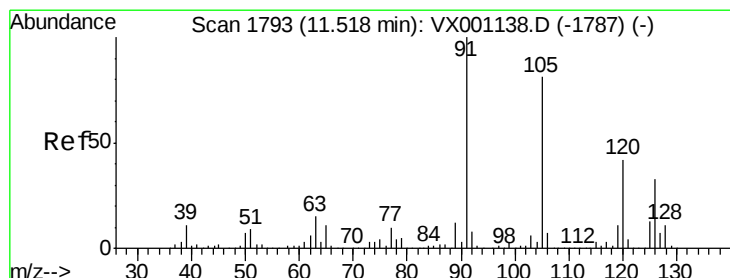
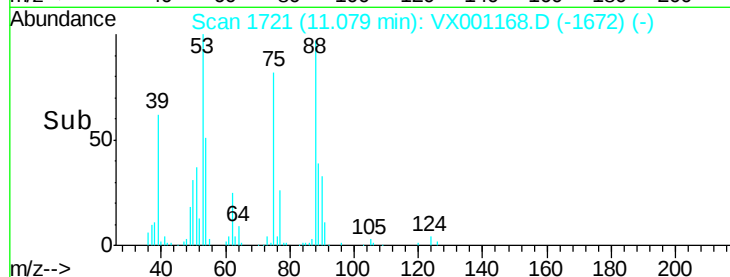
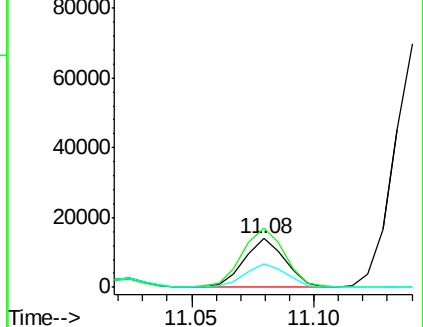
89 48.5 37.7 56.5



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: 19.922 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001168.D

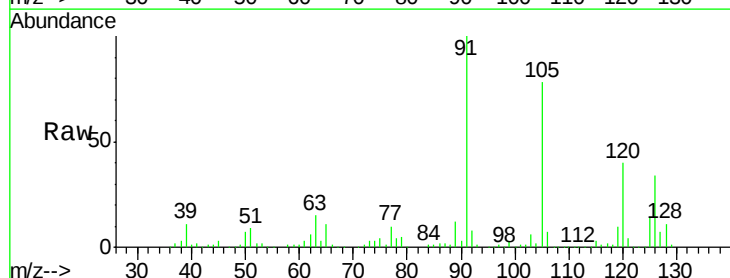
Acq: 27 Apr 2018 14:11

Tgt Ion: 91 Resp: 213335

Ion Ratio Lower Upper

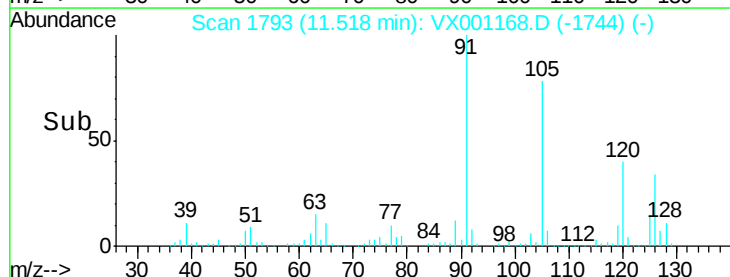
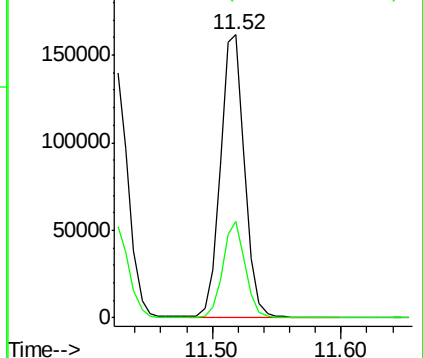
91 100

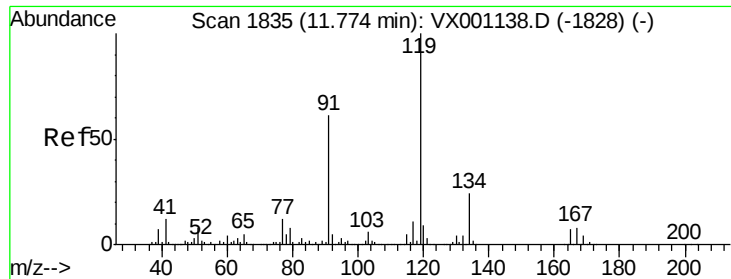
126 31.7 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

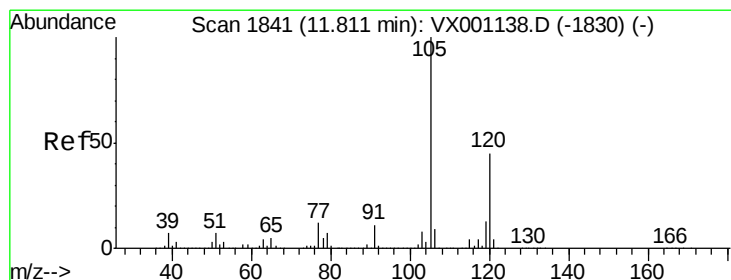
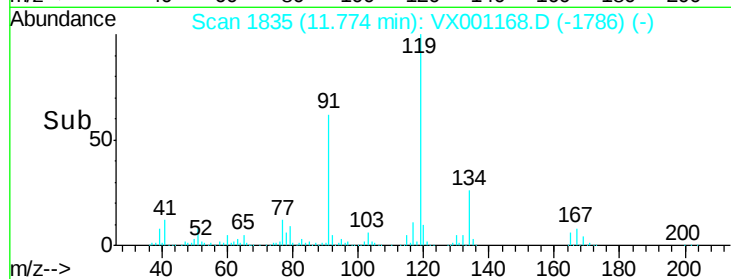
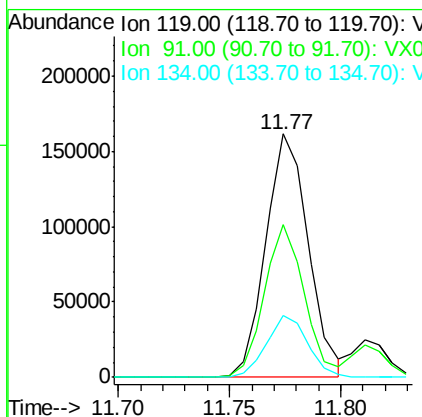
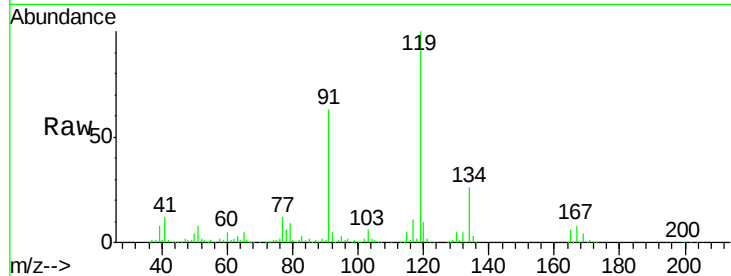




#83
 tert-Butylbenzene
 Concen: 19.426 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

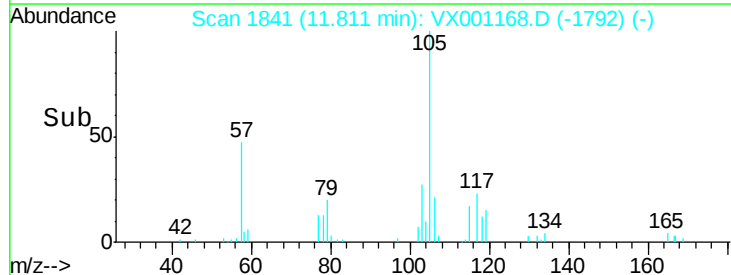
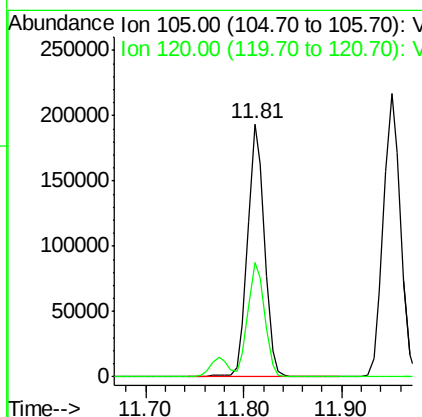
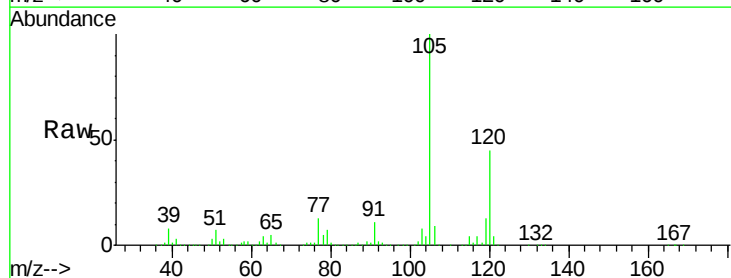
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

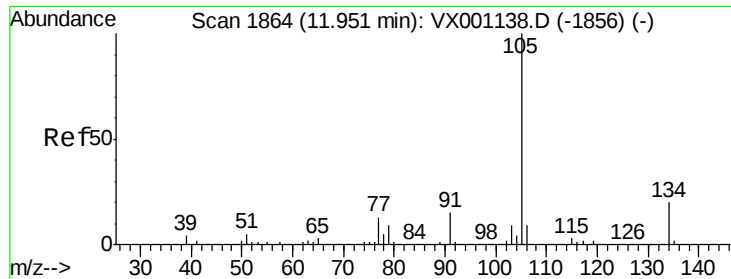
Tgt Ion:119 Resp: 213931
 Ion Ratio Lower Upper
 119 100
 91 59.2 27.6 82.8
 134 24.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.427 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion:105 Resp: 231689
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

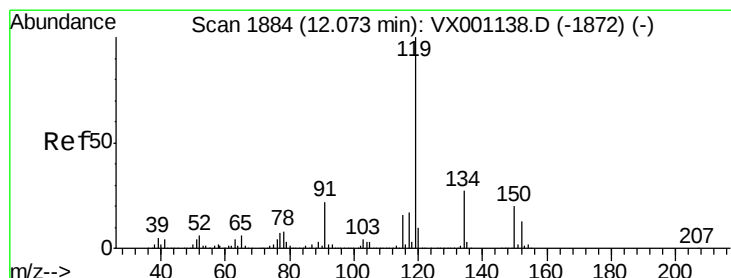
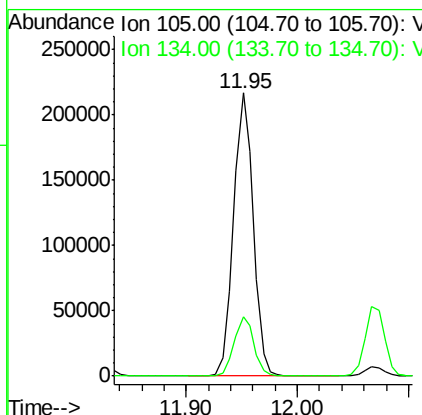
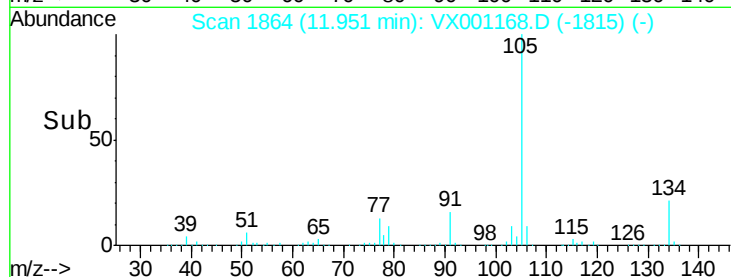
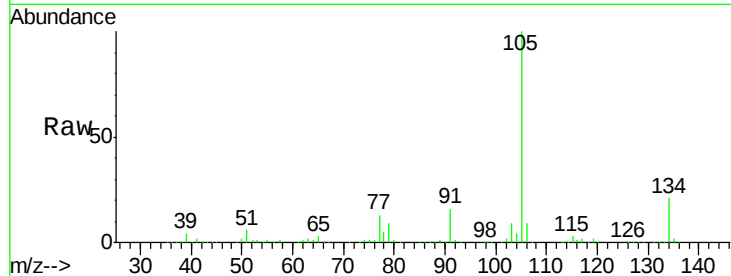




#85
 sec-Butylbenzene
 Concen: 20.636 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

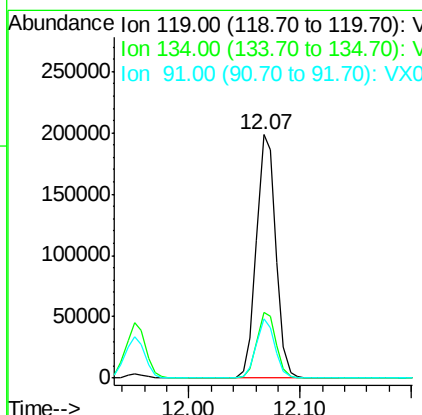
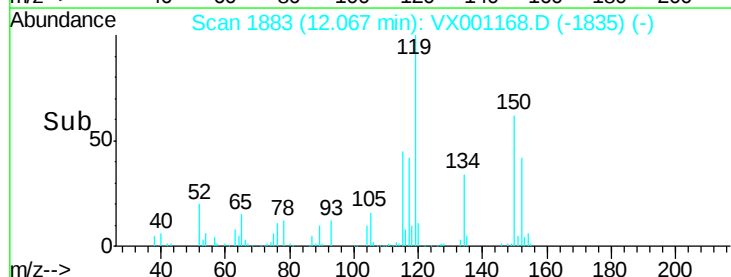
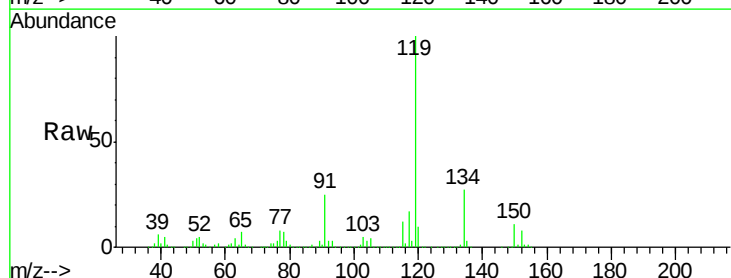
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

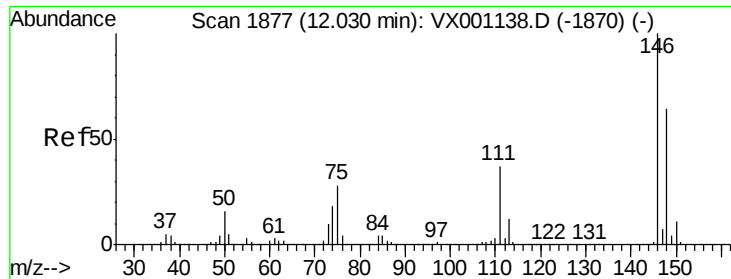
Tgt Ion:105 Resp: 265469
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.251 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion:119 Resp: 242346
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.5 11.6 34.8

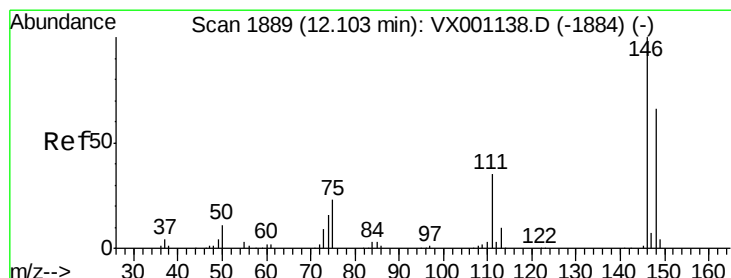
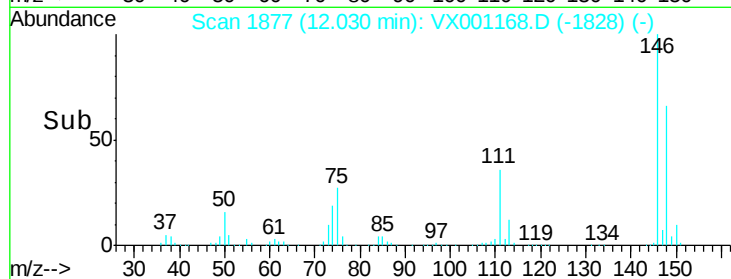
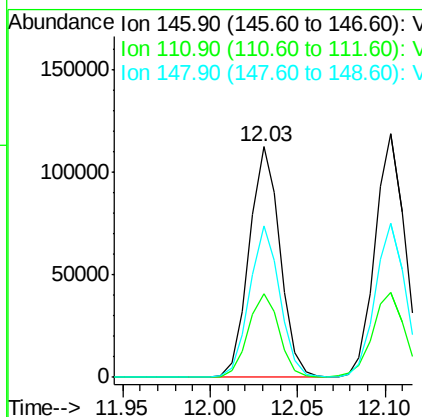
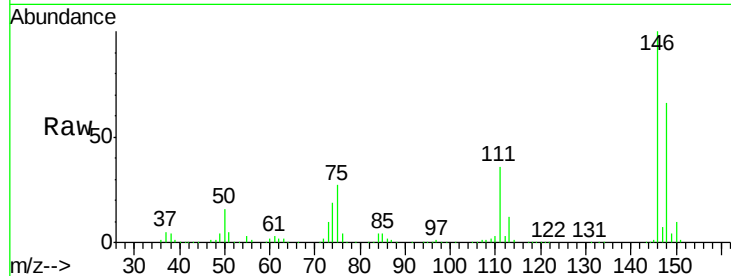




#87
 1,3-Dichlorobenzene
 Concen: 20.017 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

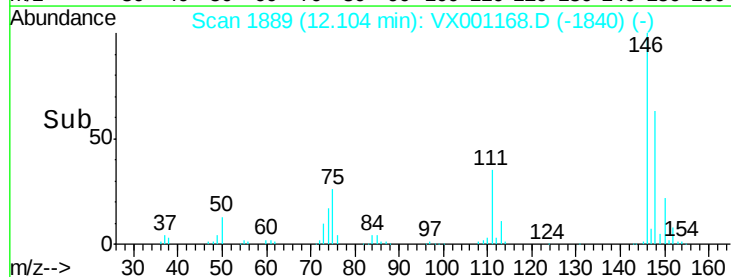
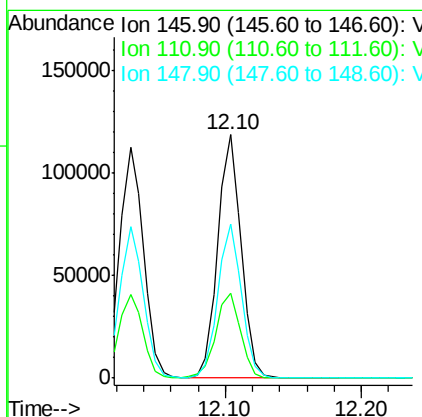
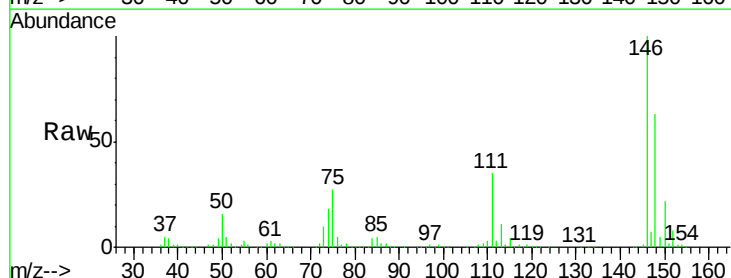
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

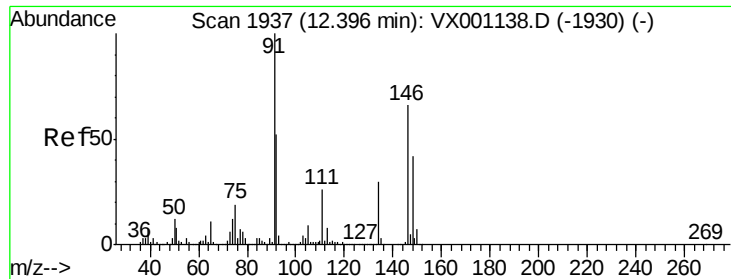
Tgt Ion:146 Resp: 138895
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 56.0
 148 64.4 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.563 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion:146 Resp: 141433
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.0 54.0
 148 64.3 32.5 97.5

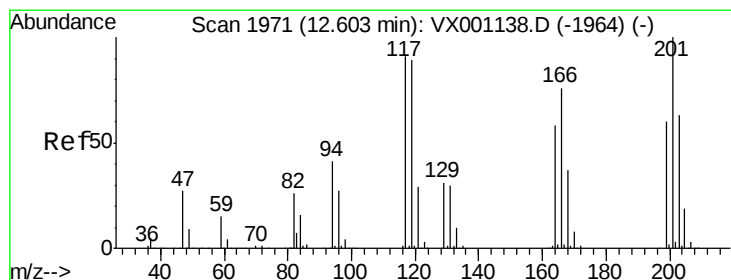
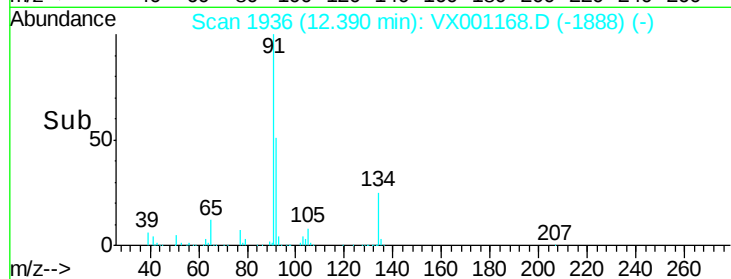
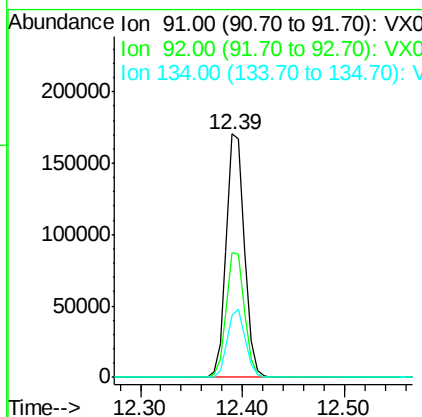
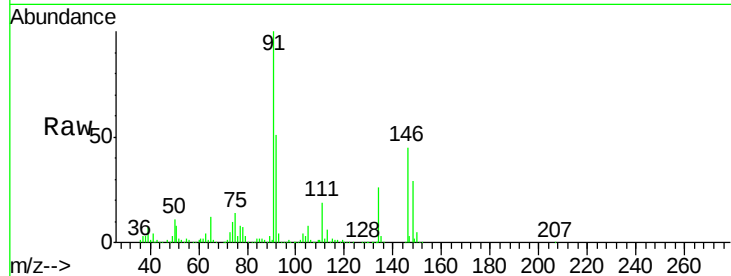




#89
n-Butylbenzene
Concen: 20.222 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

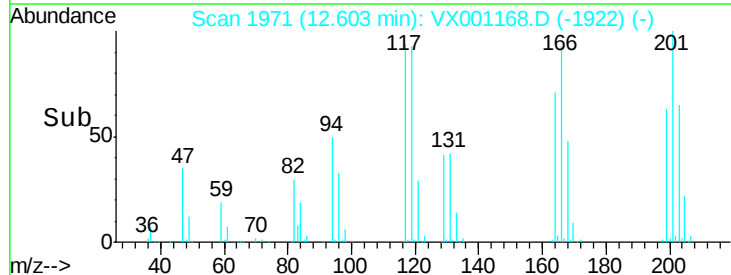
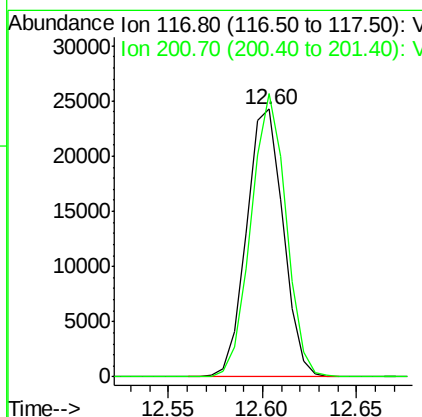
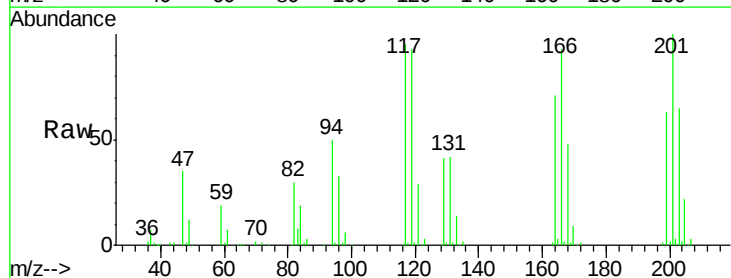
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

Tgt Ion: 91 Resp: 209447
Ion Ratio Lower Upper
91 100
92 51.3 26.2 78.6
134 27.5 14.1 42.3



#90
Hexachloroethane
Concen: 19.199 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion: 117 Resp: 32767
Ion Ratio Lower Upper
117 100
201 100.7 51.8 155.4





#91

1,2-Dichlorobenzene

Concen: 19.497 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

VX0427WBS01

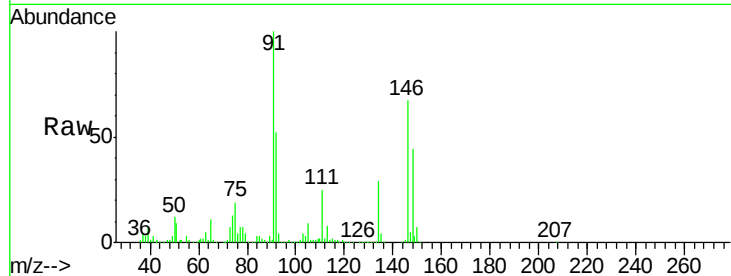
Tgt Ion: 146 Resp: 136735

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.3

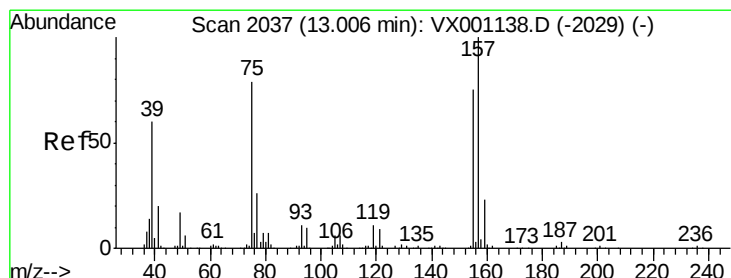
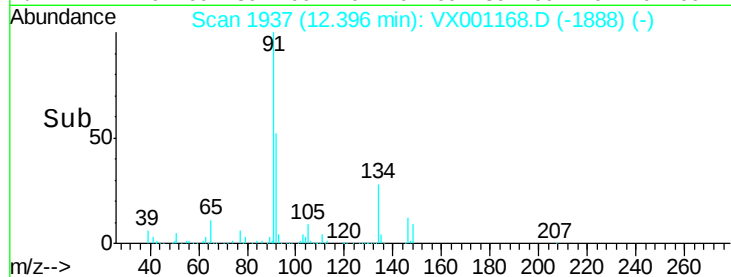
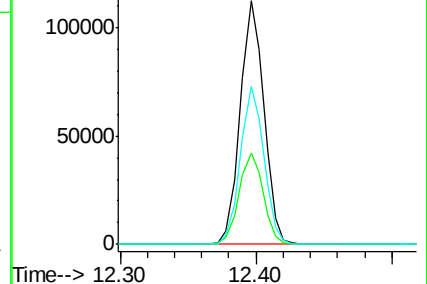
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.800 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001168.D

Acq: 27 Apr 2018 14:11

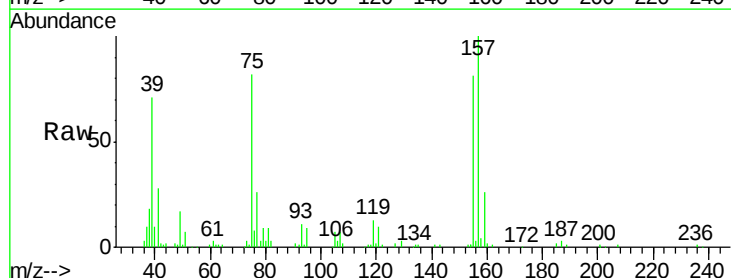
Tgt Ion: 75 Resp: 16033

Ion Ratio Lower Upper

75 100

155 98.0 48.4 145.3

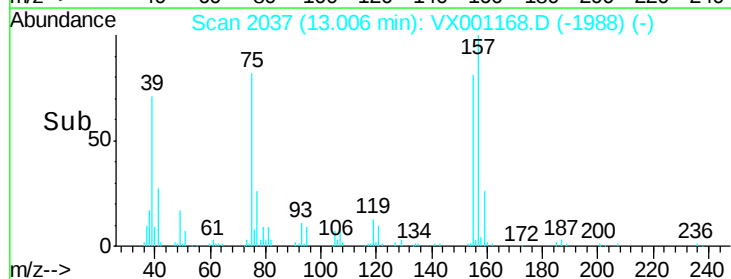
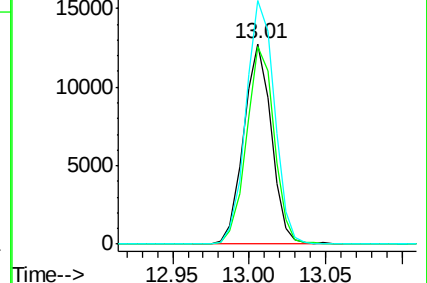
157 124.7 62.7 188.1

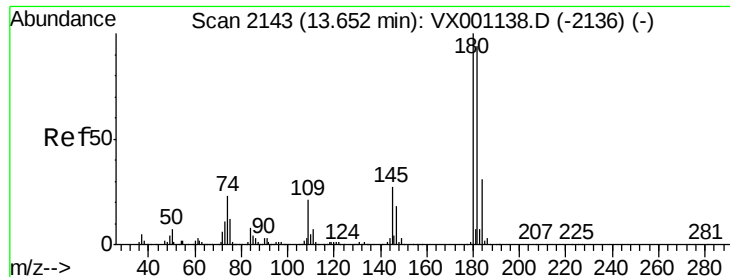


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

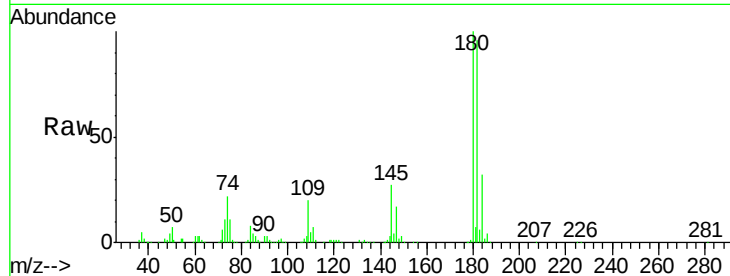




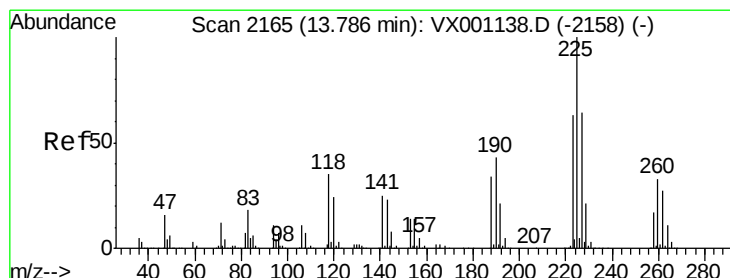
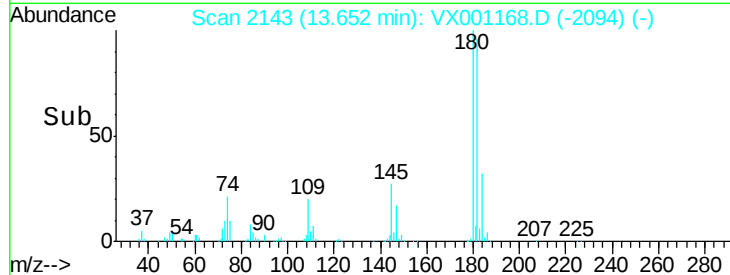
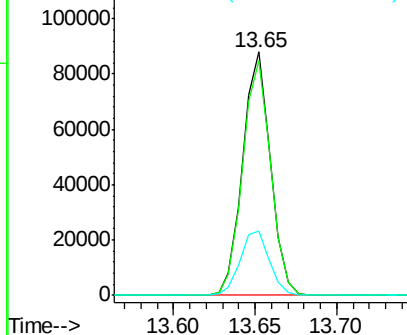
#93
 1,2,4-Trichlorobenzene
 Concen: 19.001 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

Tgt Ion:180 Resp: 104462
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.9 143.6
 145 27.8 13.8 41.4

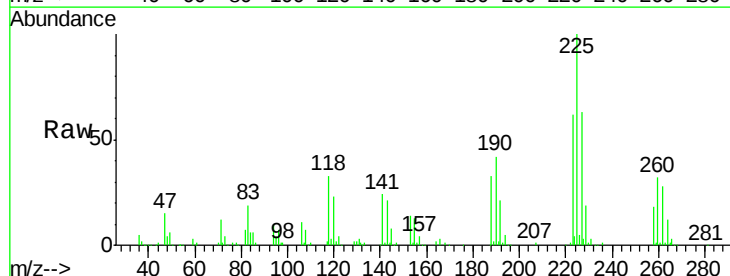


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

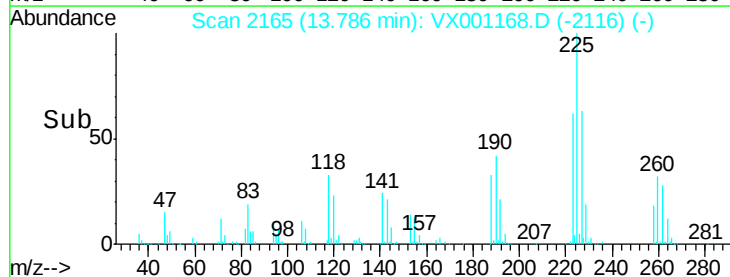
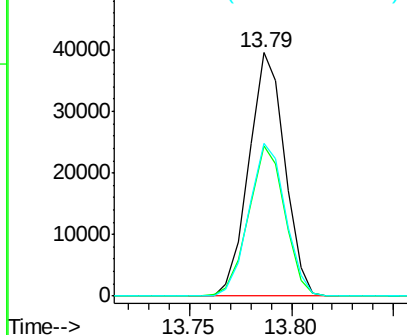


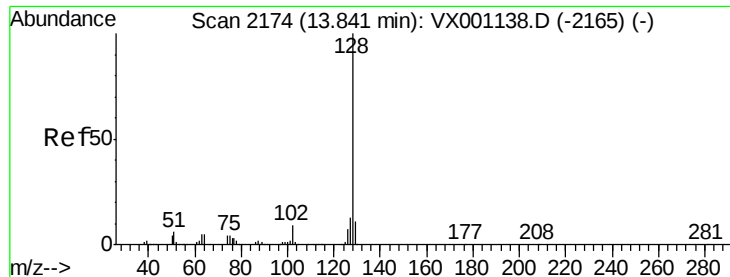
#94
 Hexachlorobutadiene
 Concen: 18.776 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001168.D
 Acq: 27 Apr 2018 14:11

Tgt Ion:225 Resp: 48523
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.9
 227 63.6 32.2 96.6



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

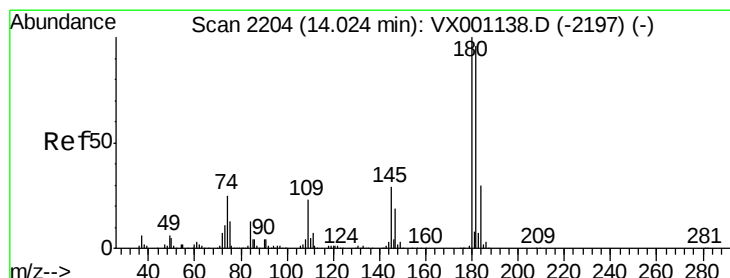
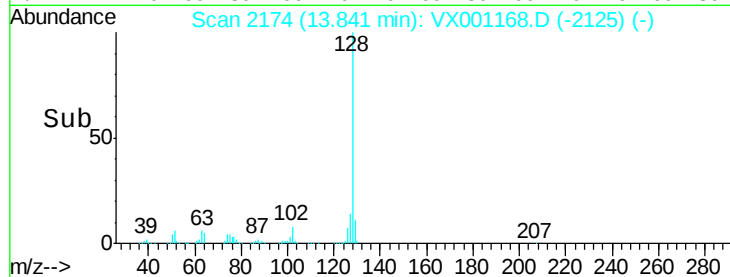
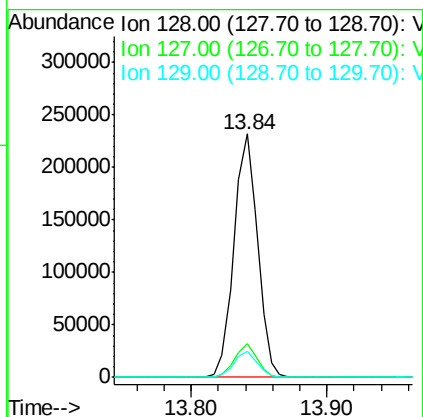
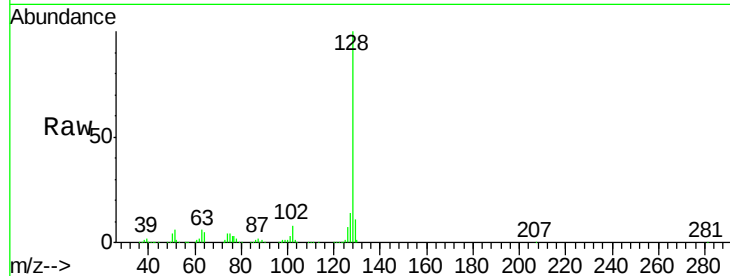




#95
Naphthalene
Concen: 18.261 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS01

Tgt Ion:128 Resp: 279726
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.152 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001168.D
Acq: 27 Apr 2018 14:11

Tgt Ion:180 Resp: 104782
Ion Ratio Lower Upper
180 100
182 95.0 48.2 144.6
145 28.9 14.5 43.5

