

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000625.D
 Acq On : 01 Apr 2018 05:45
 Operator : JC/MD
 Sample : J2132-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:29:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	122469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156890	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	82173	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
35) Dibromofluoromethane	5.51	113	61019	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
50) Toluene-d8	8.73	98	263702	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.15	95	124541	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	416	0.277	ug/l	83
6) Chloroethane	1.75	64	417	Below Cal	#	44
10) Methyl Iodide	2.52	142	46	4.304	ug/l #	37
11) Tert butyl alcohol	3.07	59	939	1.708	ug/l #	72
13) Acrolein	2.27	56	4443	38.408	ug/l #	1
14) Allyl chloride	2.78	41	9298	3.872	ug/l #	23
15) Acrylonitrile	3.18	53	11302	10.148	ug/l #	38
16) Acetone	2.45	43	17840	13.415	ug/l	95
17) Carbon Disulfide	2.57	76	745	0.226	ug/l #	88
18) Methyl Acetate	2.85	43	135962	48.766	ug/l #	51
20) Methylene Chloride	2.90	84	670	0.436	ug/l #	1
23) Vinyl Acetate	3.81	43	1479	0.376	ug/l #	72
25) 2-Butanone	4.72	43	10423	6.973	ug/l	92
26) 2,2-Dichloropropane	4.42	77	3547	1.940	ug/l #	53
30) Chloroform	5.28	83	5270	2.155	ug/l #	31
31) Cyclohexane	5.59	56	146715	72.742	ug/l	98
36) 1,1-Dichloropropene	5.67	75	9715	5.035	ug/l #	53
38) Carbon Tetrachloride	5.67	117	11640	5.750	ug/l #	15
39) Methylcyclohexane	7.47	83	71945	30.658	ug/l	96
40) Benzene	6.15	78	43569	7.775	ug/l	97
43) Isopropyl Acetate	6.46	43	2342	0.597	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	1254	0.874	ug/l #	1
47) Bromodichloromethane	7.85	83	894	0.451	ug/l #	47
48) Methyl methacrylate	7.74	41	7232	3.797	ug/l #	55
51) 4-Methyl-2-Pentanone	8.66	43	2497	0.822	ug/l #	84
52) Toluene	8.79	92	254967	65.084	ug/l	100
55) 1,1,2-Trichloroethane	9.27	97	385	0.239	ug/l #	29
56) Ethyl methacrylate	9.18	69	2239	0.917	ug/l #	39
58) 2-Chloroethyl Vinyl ether	8.21	63	250	0.213	ug/l #	46
59) 2-Hexanone	9.52	43	2424	0.940	ug/l	84
60) Dibromochloromethane	9.82	129	22	4.127	ug/l #	12
65) Chlorobenzene	10.34	112	1303	0.276	ug/l #	43
67) Ethyl Benzene	10.26	91	2390115	298.765	ug/l	97
68) m/p-Xylenes	10.37	106	1418427	450.581	ug/l	94

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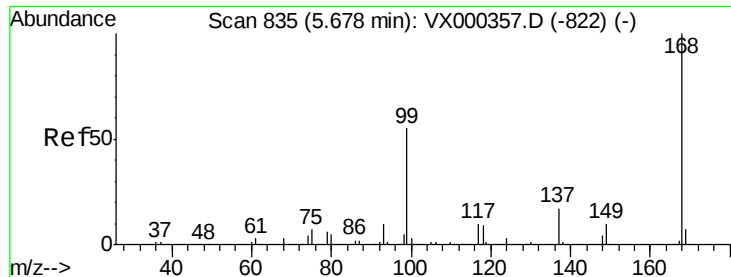
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:29:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	10.71	106	670467	219.968	ug/l	98
70) Styrene	10.71	104	35095	6.959	ug/l #	1
73) Isopropylbenzene	11.02	105	191916	18.462	ug/l	99
74) N-amyl acetate	6.46	43	2342	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.37	75	3385	1.004	ug/l #	1
78) n-propylbenzene	11.37	91	510612	41.196	ug/l	99
79) 2-Chlorotoluene	11.44	91	138751	19.377	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	299694	34.288	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.15	75	63825	61.285	ug/l #	9
82) 4-Chlorotoluene	11.51	91	32951	3.854	ug/l #	44
83) tert-Butylbenzene	11.82	119	282437	32.040	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.82	105	2240875	244.536	ug/l	97
85) sec-Butylbenzene	11.82	105	2240875	205.447	ug/l #	56
86) p-Isopropyltoluene	12.04	119	44126	4.555	ug/l	96
89) n-Butylbenzene	12.40	91	75308	8.350	ug/l #	39
90) Hexachloroethane	12.60	117	28589	18.750	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1776	1.732	ug/l #	1
95) Naphthalene	13.84	128	871807	68.007	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

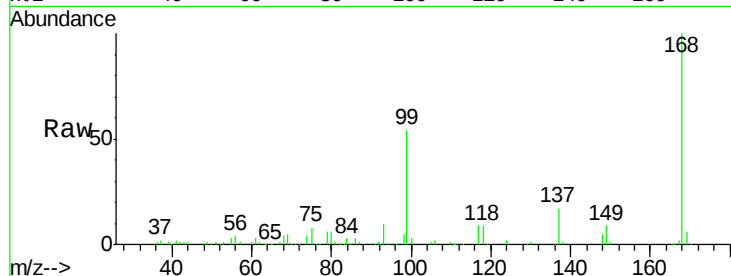
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 122469

Ion Ratio Lower Upper

168 100

99 53.8 45.8 68.6

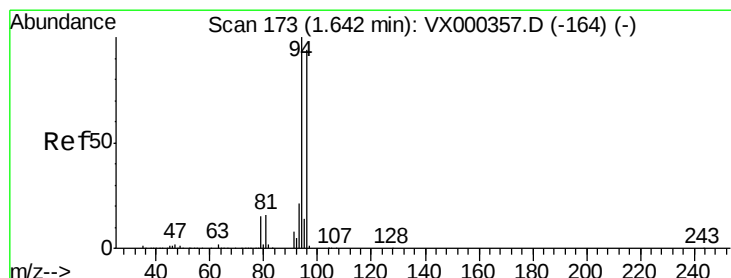
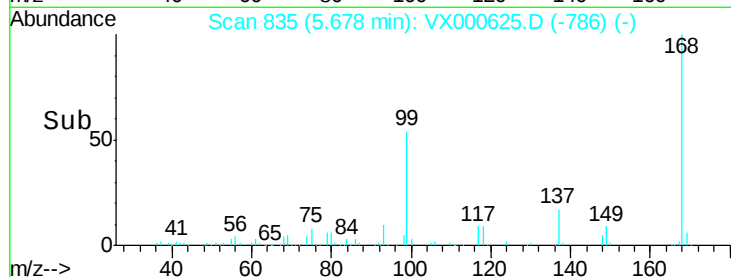


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#5

Bromomethane

Concen: 0.277 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000625.D

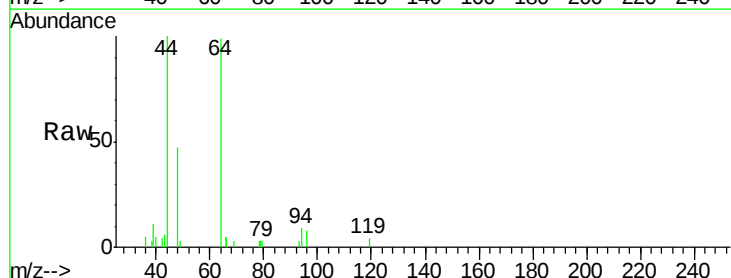
Acq: 01 Apr 2018 05:45

Tgt Ion: 94 Resp: 416

Ion Ratio Lower Upper

94 100

96 80.6 77.7 116.5

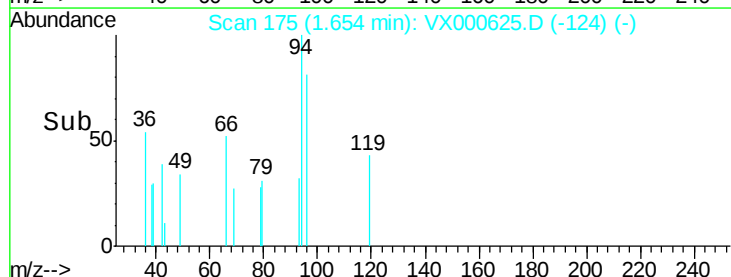


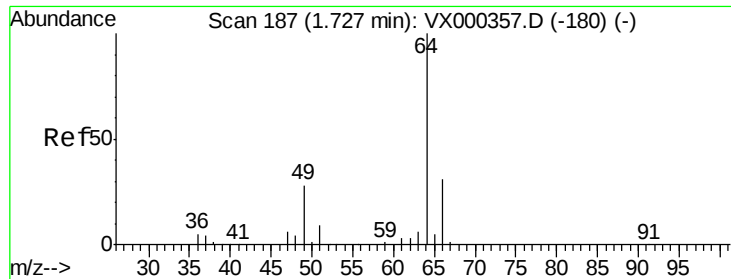
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

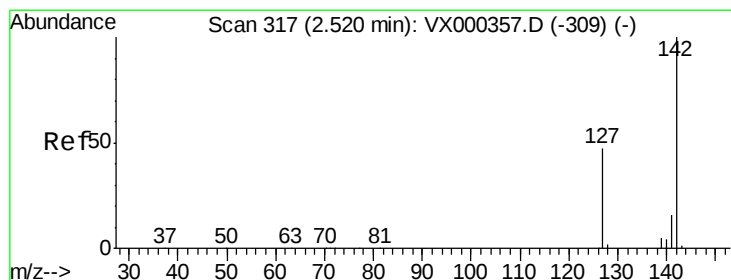
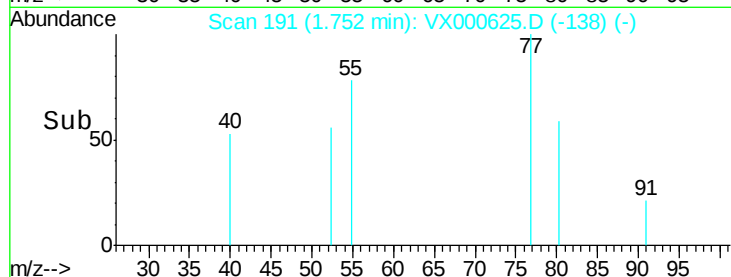
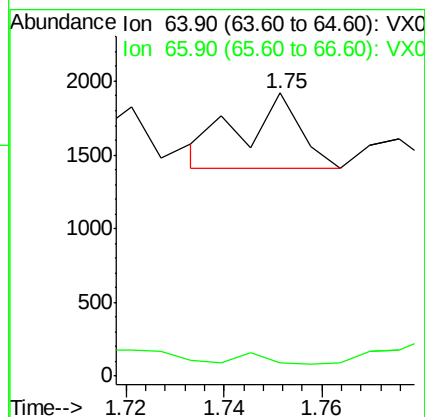
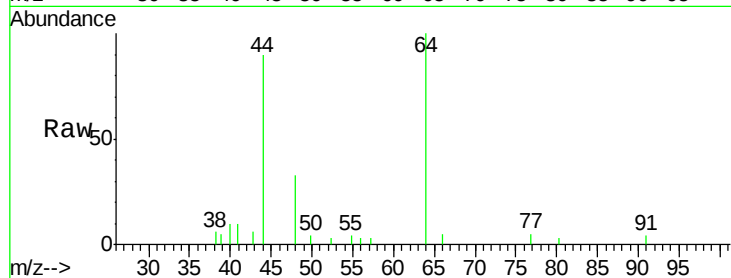
ClientSampleId :

Tot Ion: 64 Resp: 417

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



#10

Methyl Iodide

Concen: 4.304 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

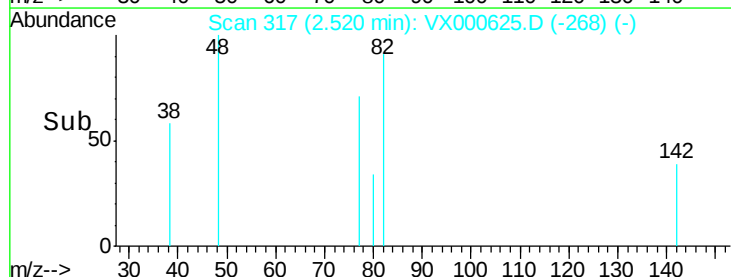
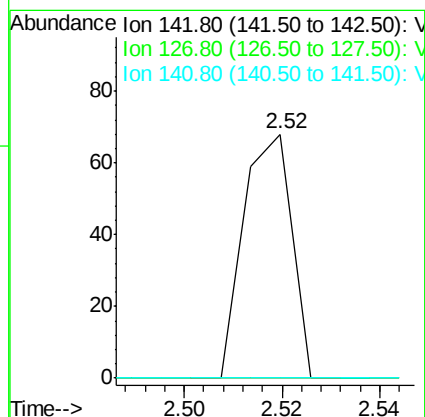
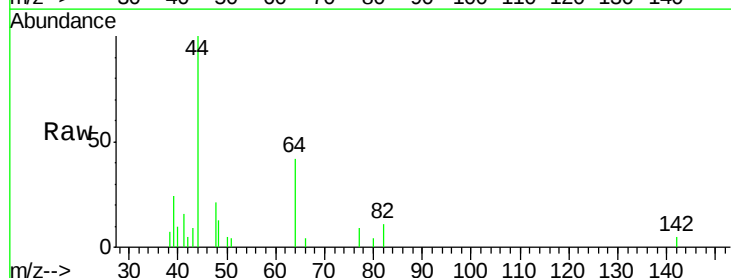
Tgt Ion: 142 Resp: 46

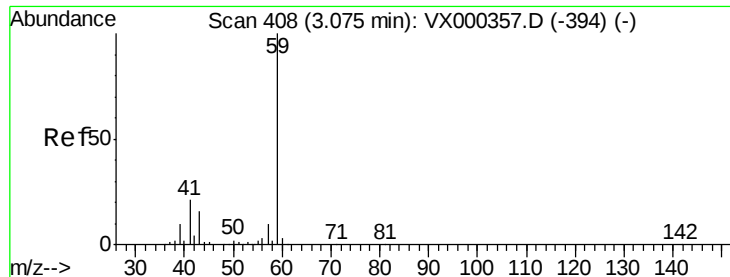
Ion Ratio Lower Upper

142 100

127 0.0 39.2 58.8#

141 0.0 11.7 17.5#

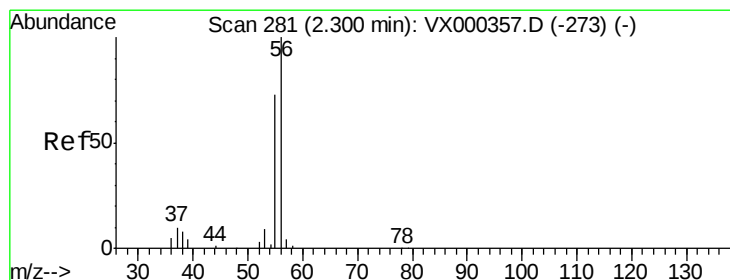
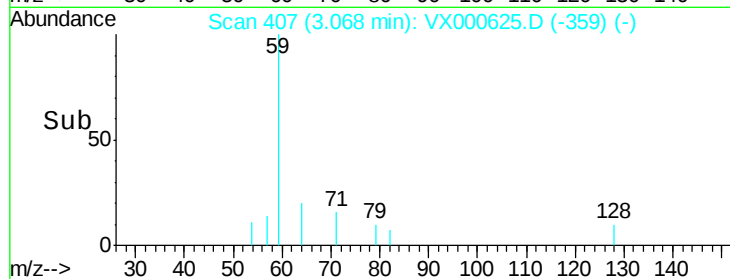
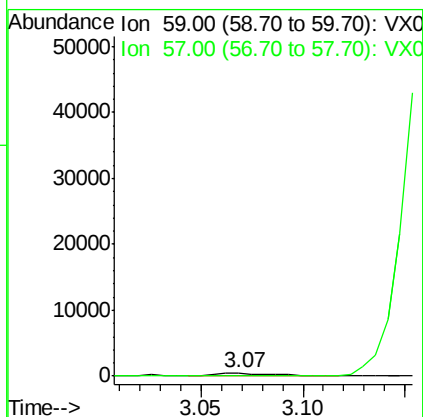
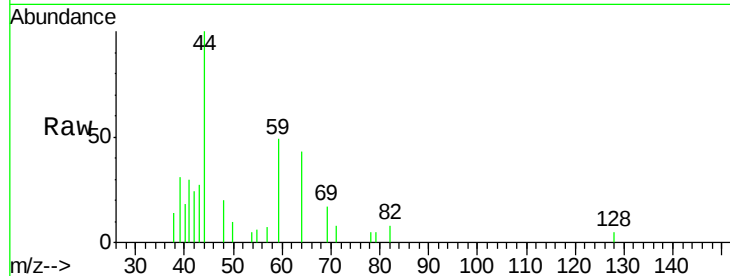




#11
Tert butyl alcohol
Concen: 1.708 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

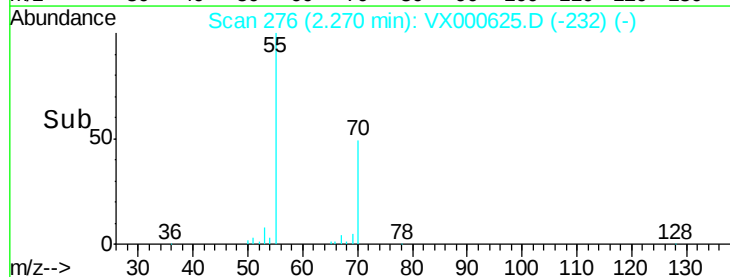
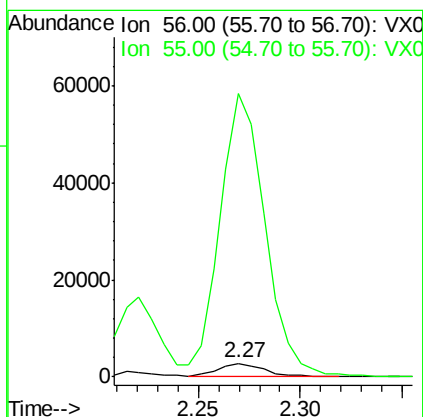
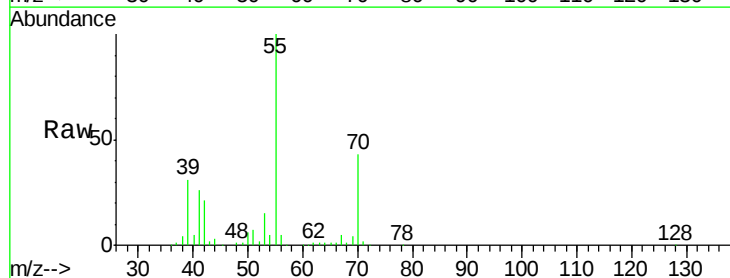
Instrument :
MSVOA_X
ClientSampleId :

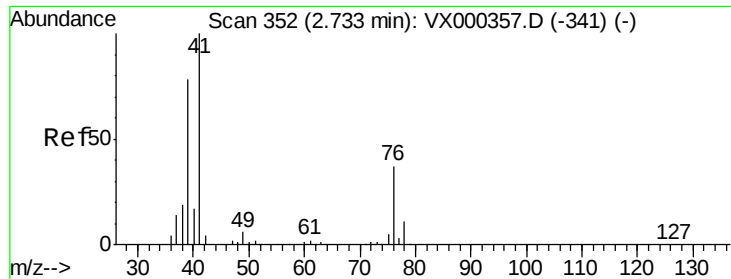
Tot Ion: 59 Resp: 939
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 38.408 ug/l
RT: 2.27 min Scan# 276
Delta R.T. -0.03 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 56 Resp: 4443
Ion Ratio Lower Upper
56 100
55 2012.8 58.8 88.2#





#14

Allvl chloride

Concen: 3.872 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.05 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

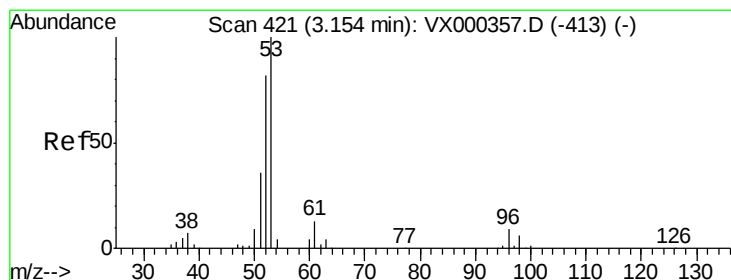
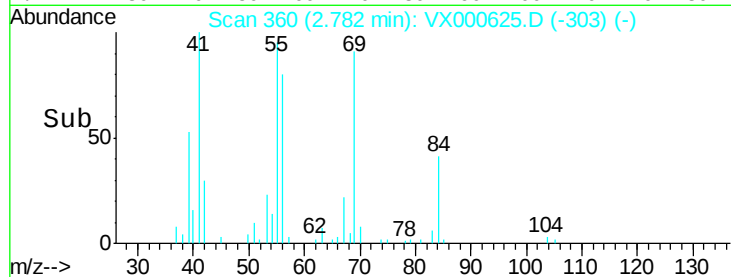
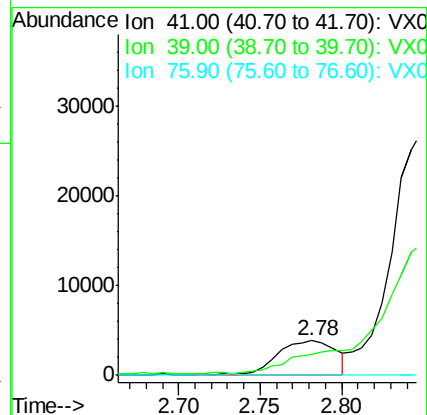
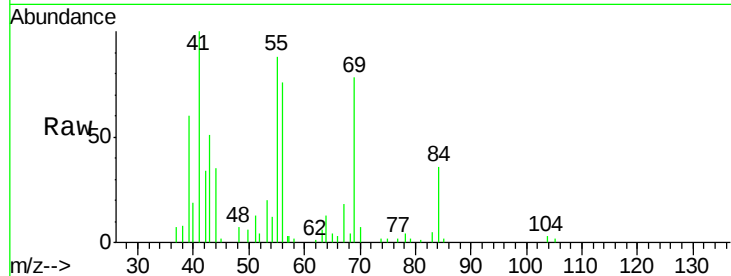
Tot Ion: 41 Resp: 9298

Ion Ratio Lower Upper

41 100

39 0.0 57.6 86.4#

76 0.9 27.3 40.9#



#15

Acrylonitrile

Concen: 10.148 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

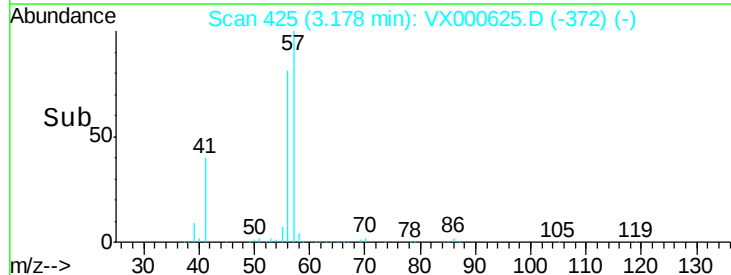
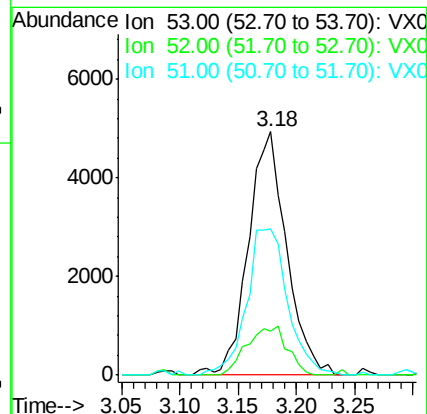
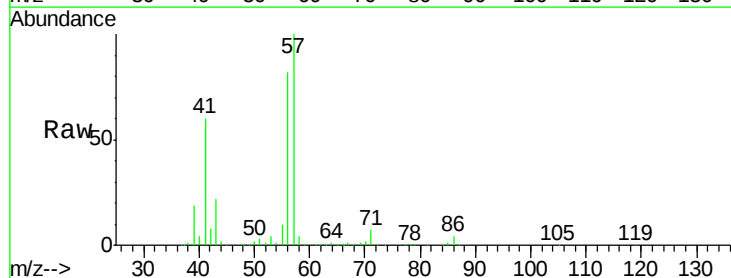
Tgt Ion: 53 Resp: 11302

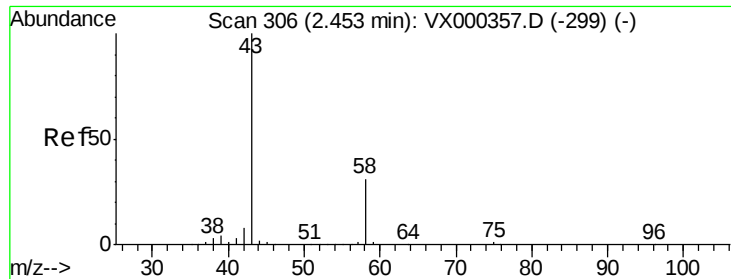
Ion Ratio Lower Upper

53 100

52 21.2 66.6 99.8#

51 64.7 29.3 43.9#





#16

Acetone

Concen: 13.415 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

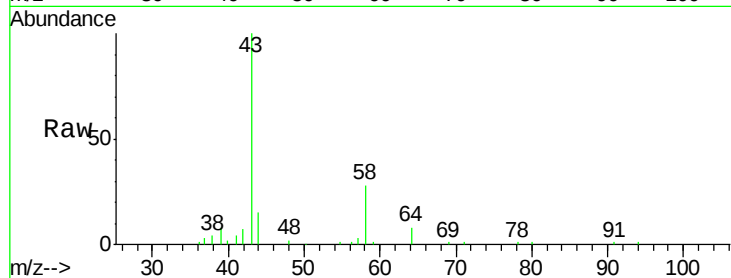
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 17840

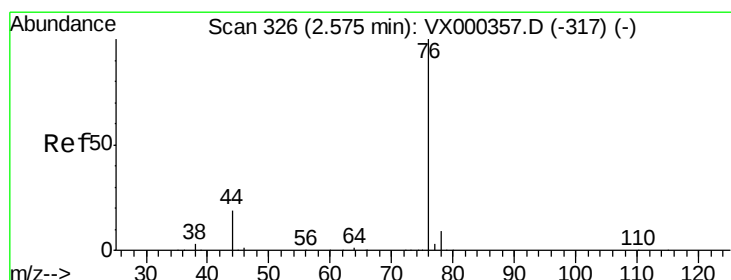
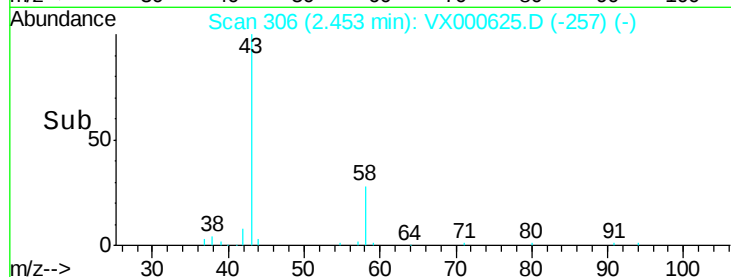
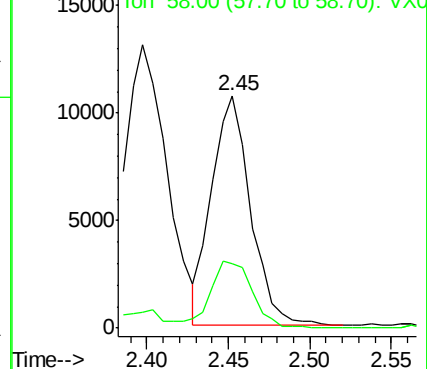
Ion Ratio Lower Upper

43 100

58 28.1 24.7 37.1



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



#17

Carbon Disulfide

Concen: 0.226 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000625.D

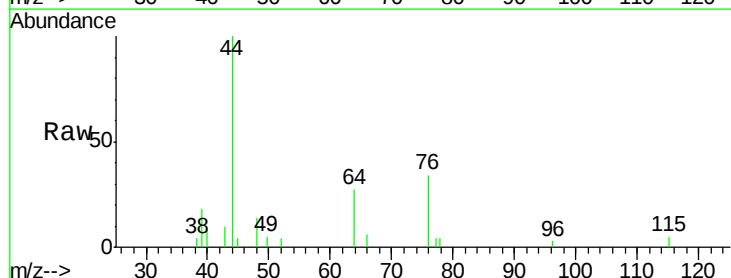
Acq: 01 Apr 2018 05:45

Tgt Ion: 76 Resp: 745

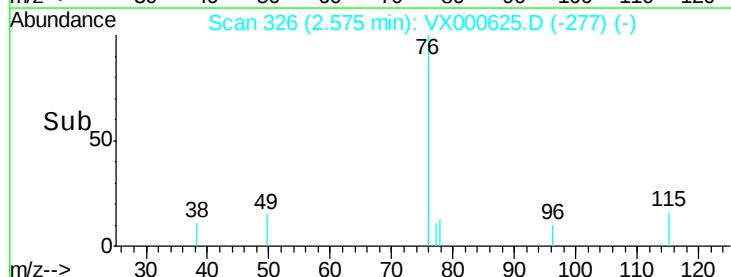
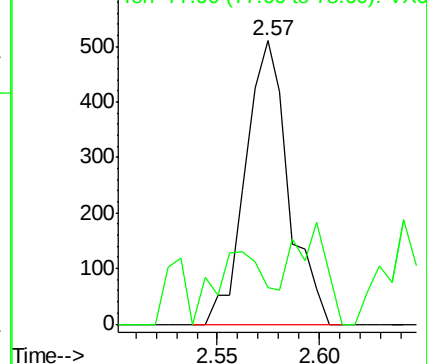
Ion Ratio Lower Upper

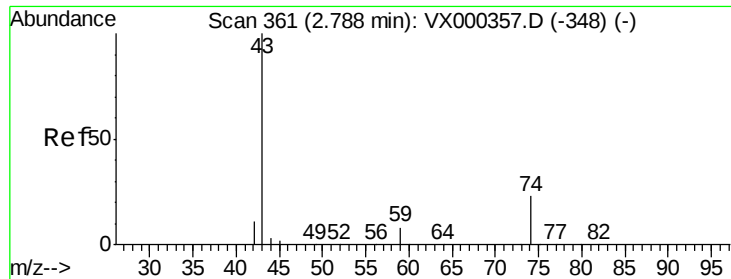
76 100

78 12.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

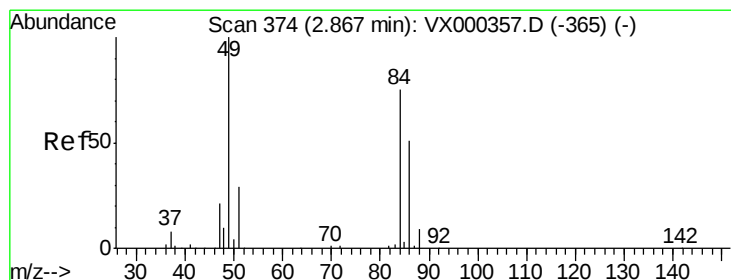
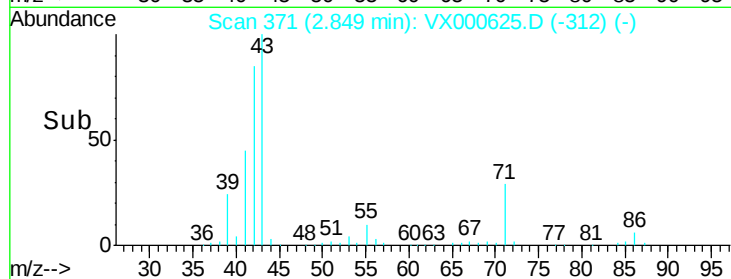
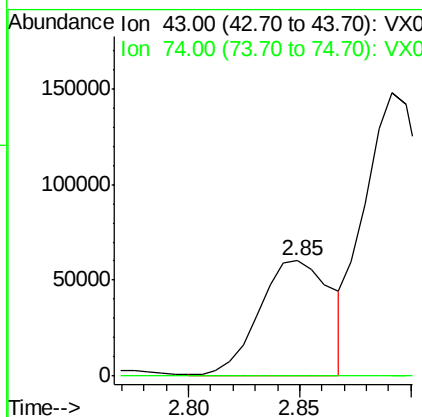
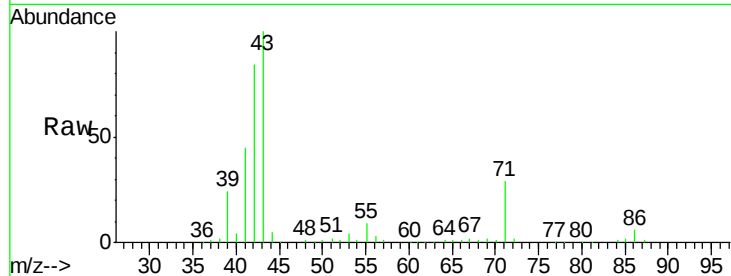




#18
Methyl Acetate
Concen: 48.766 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.06 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

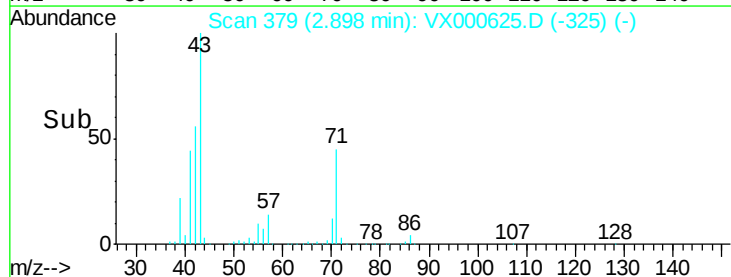
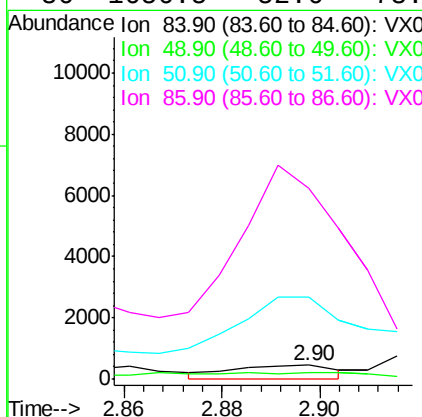
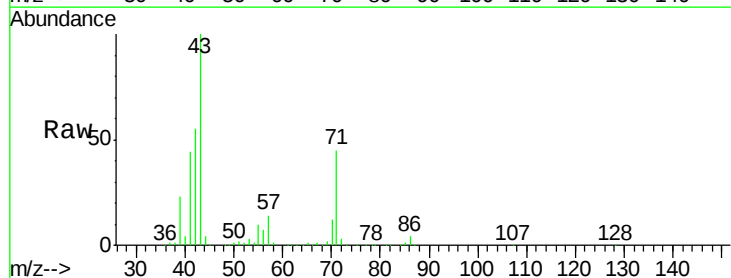
Instrument :
MSVOA_X
ClientSampled :

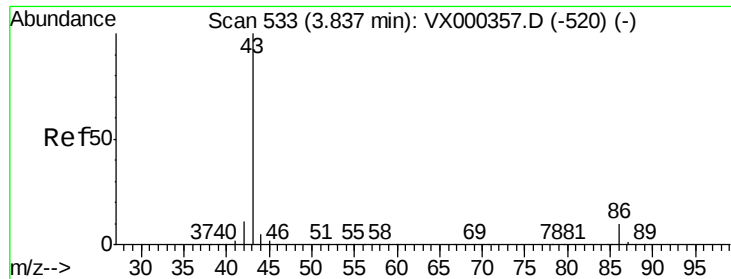
Tot Ion: 43 Resp: 135962
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.90 min Scan# 379
Delta R.T. 0.03 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 84 Resp: 670
Ion Ratio Lower Upper
84 100
49 24.8 100.6 151.0#
51 672.0 31.6 47.4#
86 1656.5 52.6 78.8#





#23

Vinyl Acetate

Concen: 0.376 ug/l

RT: 3.81 min Scan# 529

Delta R.T. -0.02 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

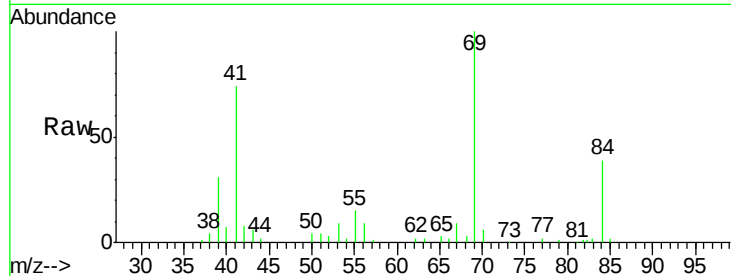
ClientSampled :

Tot Ion: 43 Resp: 1479

Ion Ratio Lower Upper

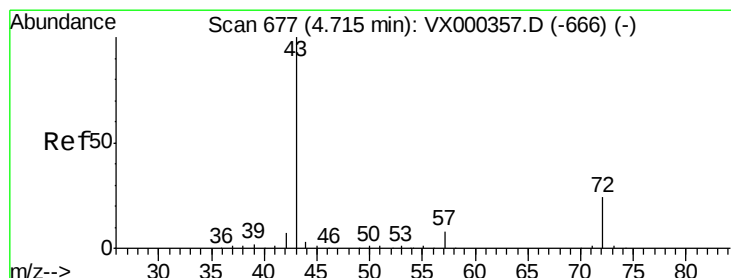
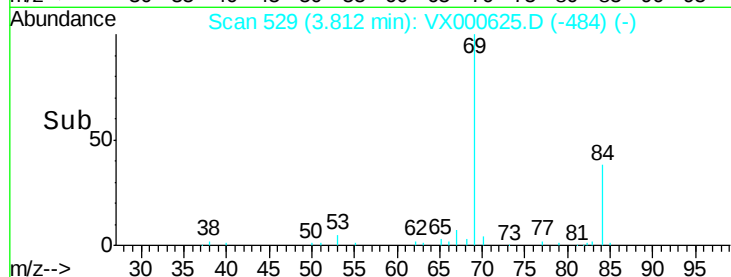
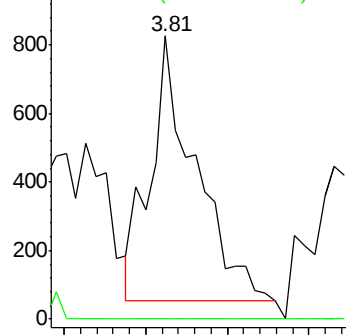
43 100

86 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 6.973 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000625.D

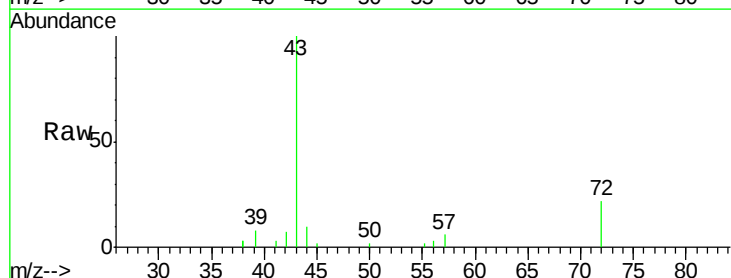
Acq: 01 Apr 2018 05:45

Tgt Ion: 43 Resp: 10423

Ion Ratio Lower Upper

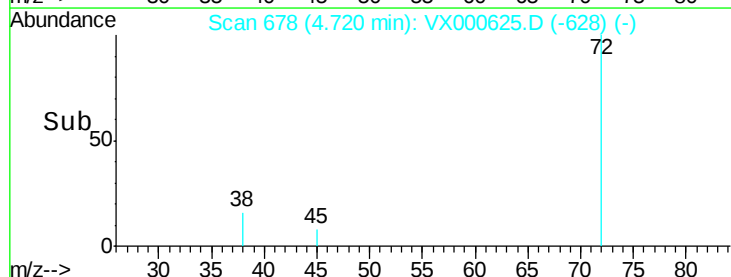
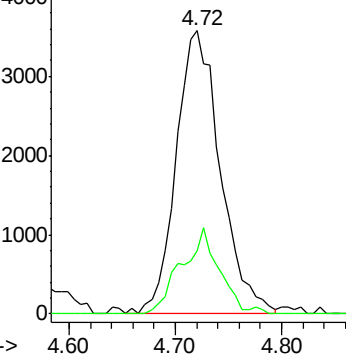
43 100

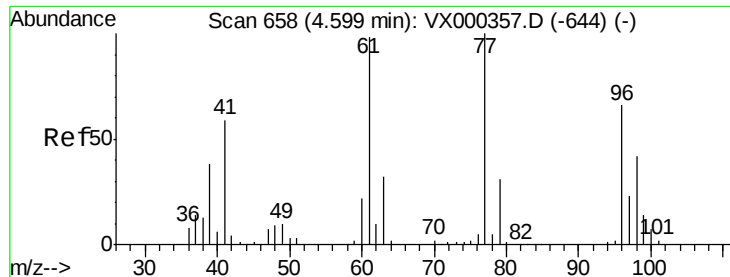
72 22.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 1.940 ug/l

RT: 4.42 min Scan# 628

Delta R.T. -0.18 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

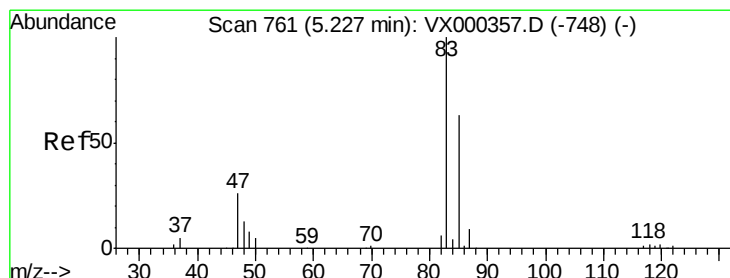
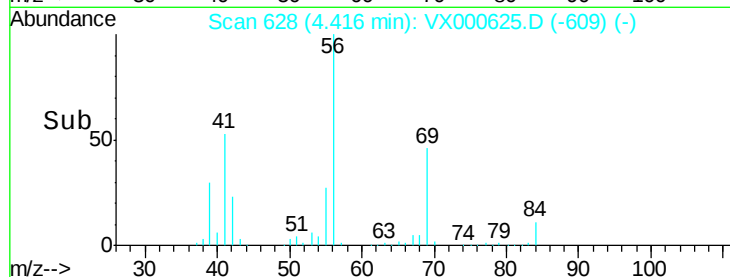
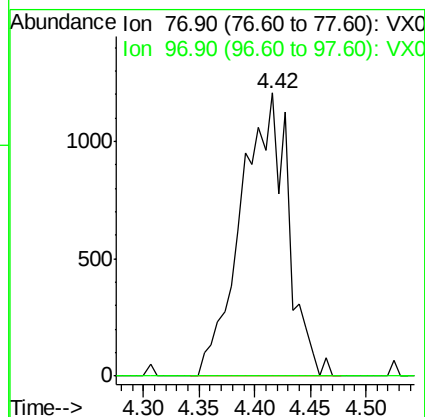
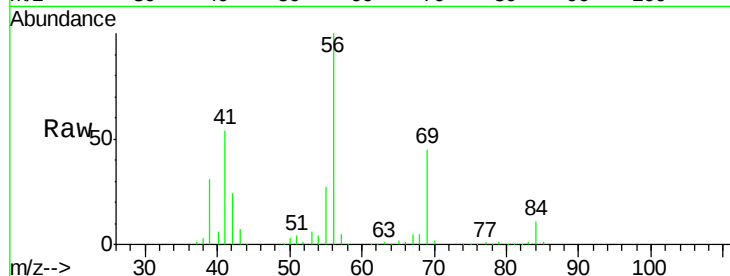
ClientSampled :

Tot Ion: 77 Resp: 3547

Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.8#



#30

Chloroform

Concen: 2.155 ug/l

RT: 5.28 min Scan# 769

Delta R.T. 0.05 min

Lab File: VX000625.D

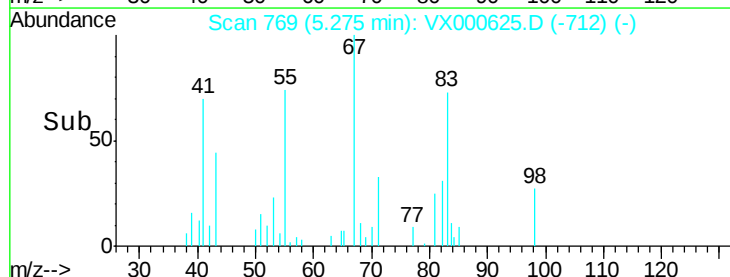
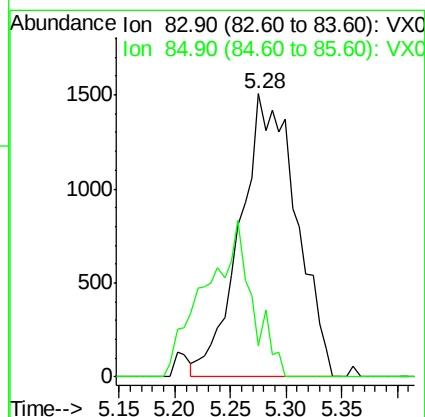
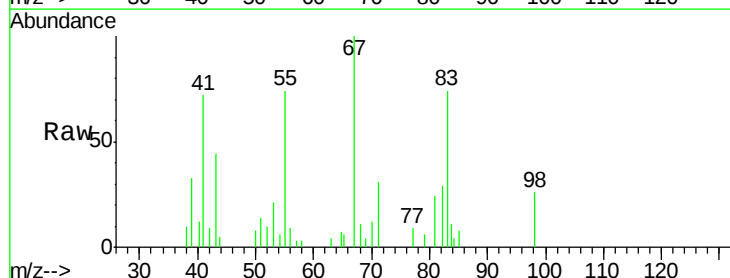
Acq: 01 Apr 2018 05:45

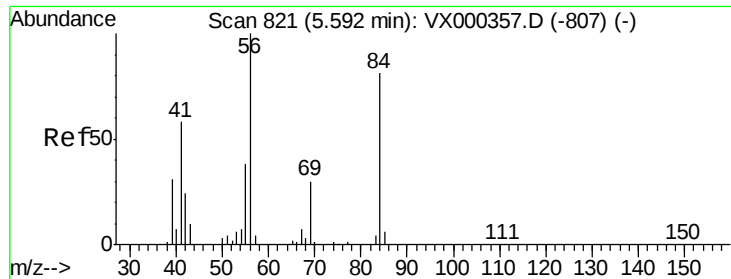
Tgt Ion: 83 Resp: 5270

Ion Ratio Lower Upper

83 100

85 11.2 53.3 79.9#

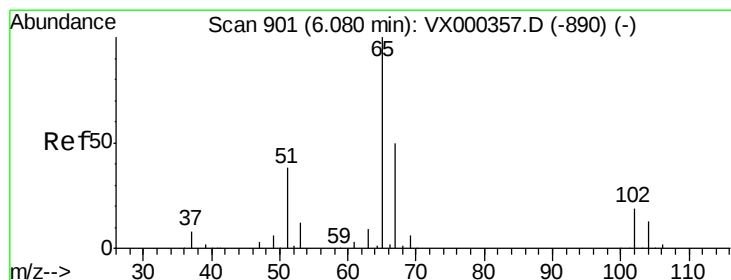
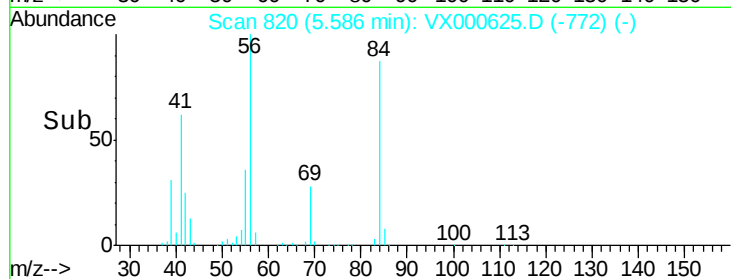
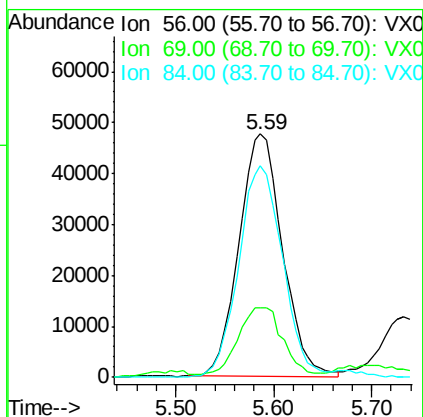
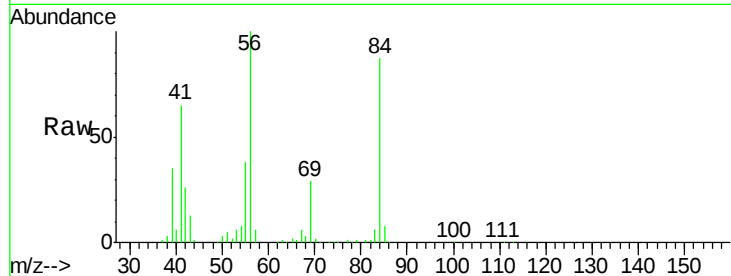




#31
Cyclohexane
Concen: 72.742 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

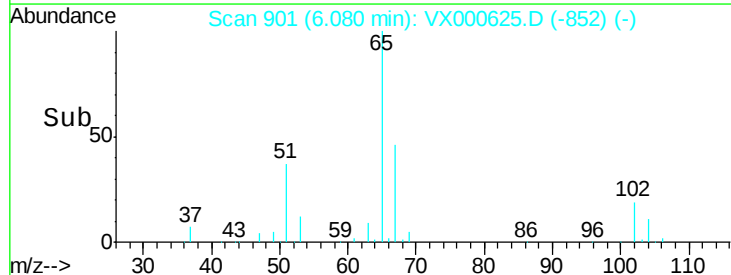
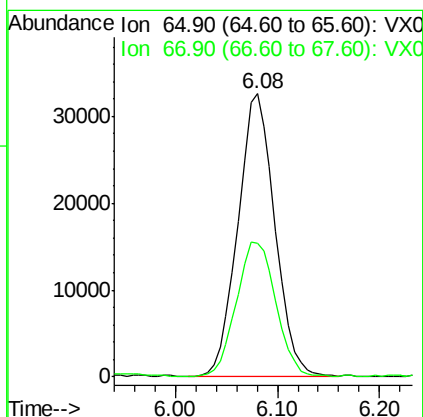
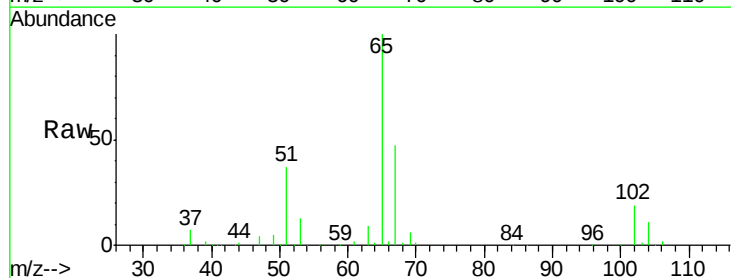
Instrument :
MSVOA_X
ClientSampleId :

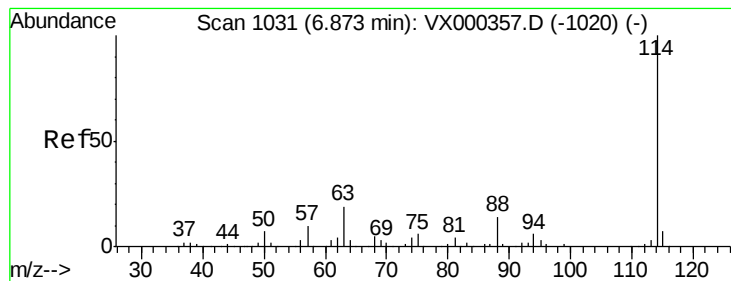
Tot Ion: 56 Resp: 146715
Ion Ratio Lower Upper
56 100
69 27.5 23.4 35.0
84 87.1 71.0 106.4



#33
1,2-Dichloroethane-d4
Concen: 51.402 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 65 Resp: 82173
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

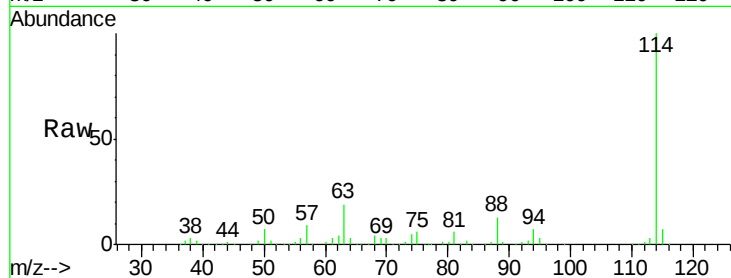
Tot Ion:114 Resp: 205999

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

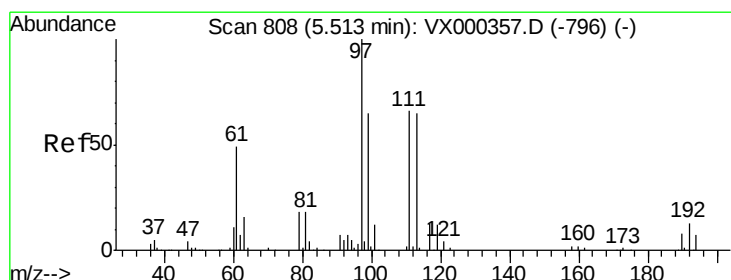
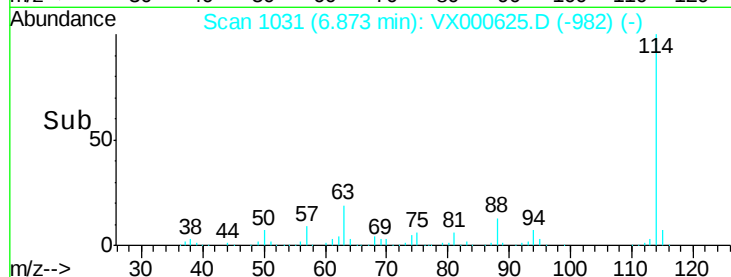
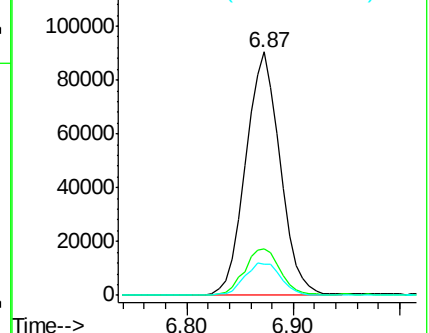
88 13.0 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.011 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

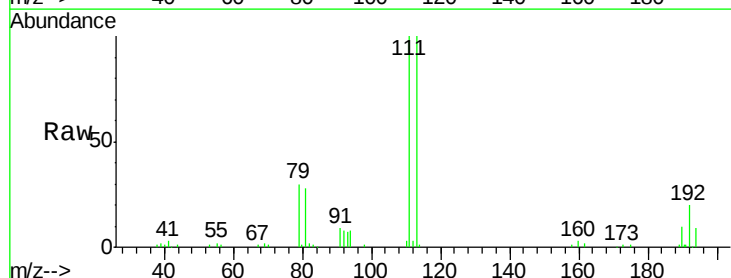
Tgt Ion:113 Resp: 61019

Ion Ratio Lower Upper

113 100

111 105.2 82.4 123.6

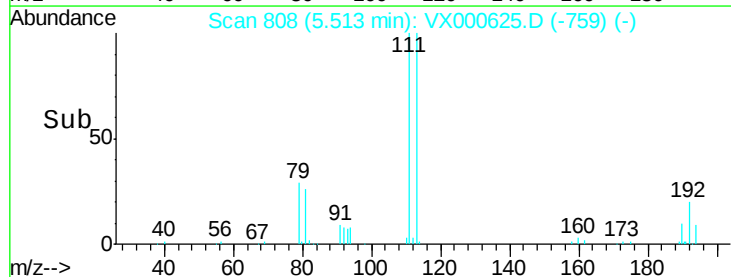
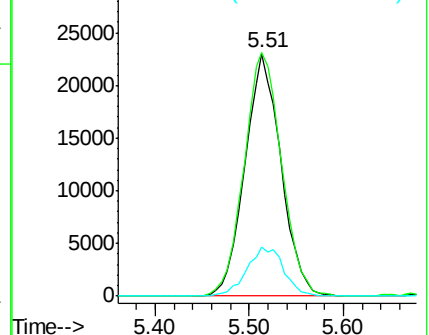
192 20.8 15.8 23.6

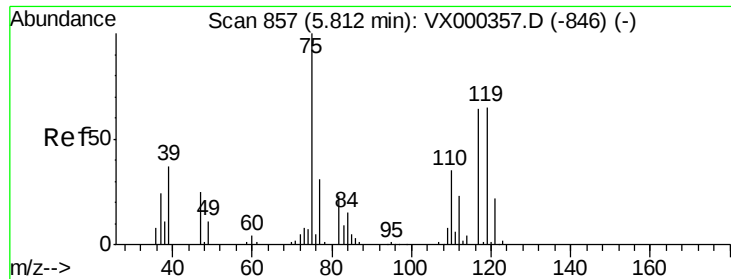


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.035 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

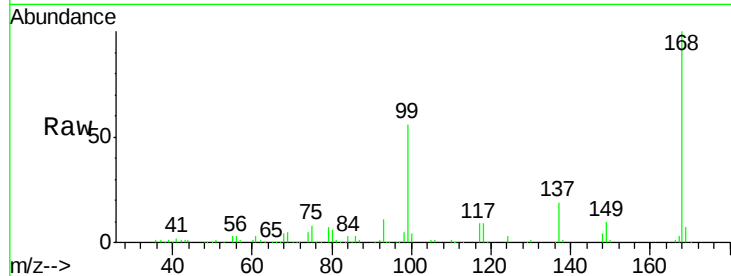
Tot Ion: 75 Resp: 9715

Ion Ratio Lower Upper

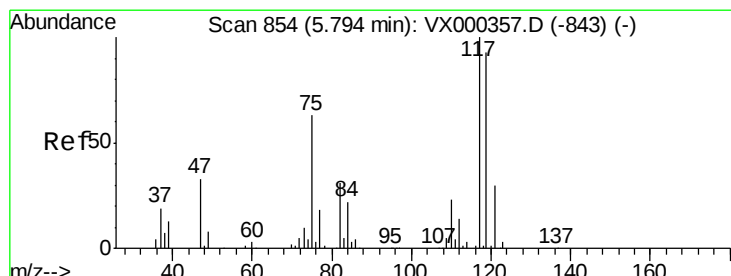
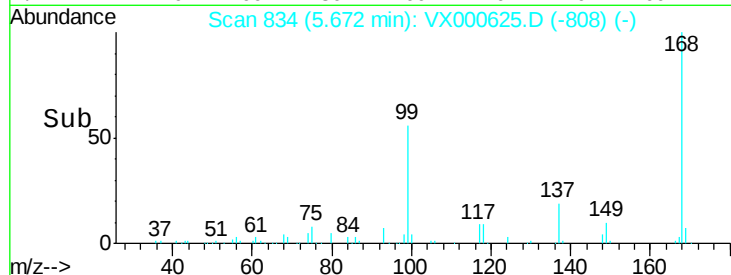
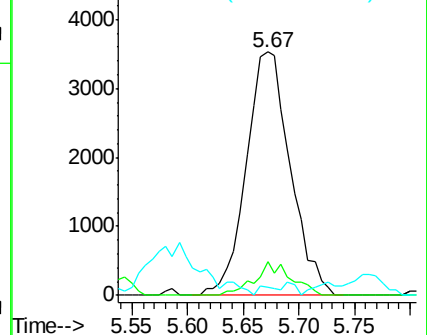
75 100

110 11.3 17.9 53.7#

77 1.7 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.750 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

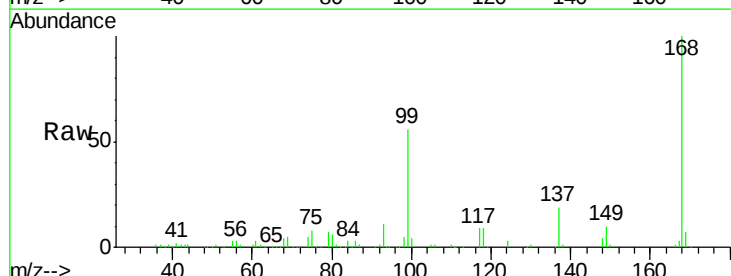
Tgt Ion: 117 Resp: 11640

Ion Ratio Lower Upper

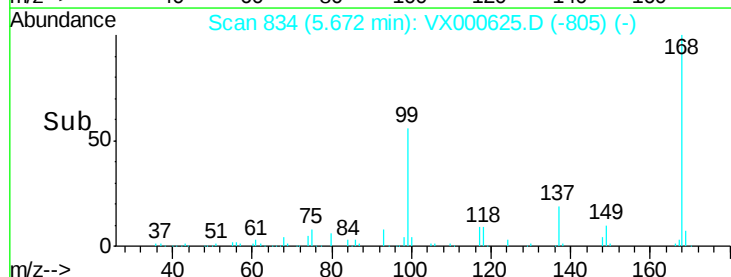
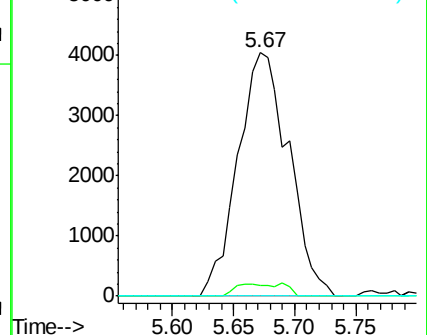
117 100

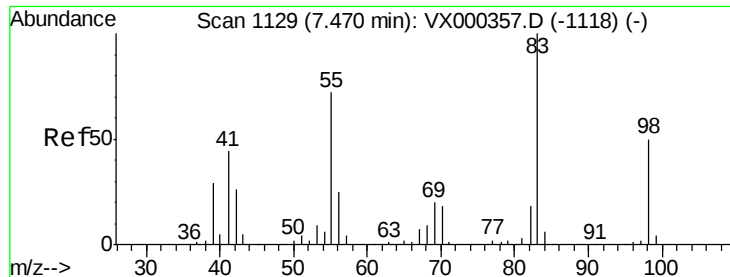
119 4.6 77.4 116.2#

121 0.0 24.8 37.2#



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

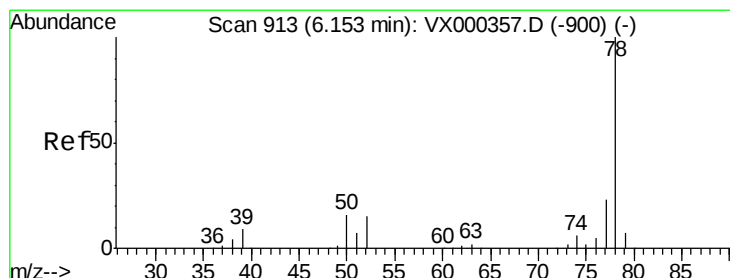
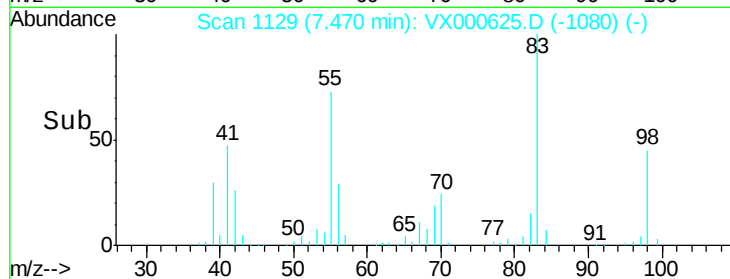
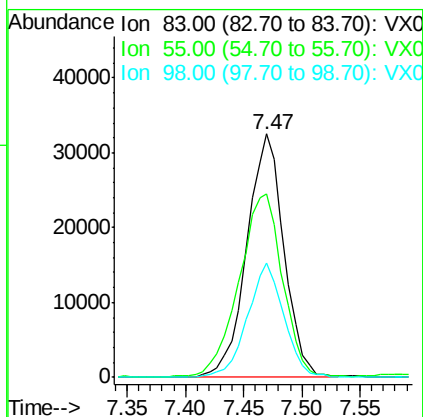
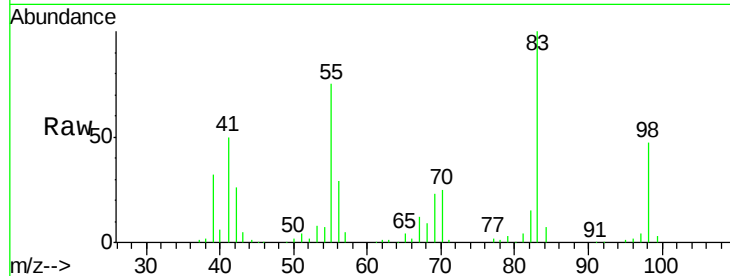




#39
Methvlcvclohexane
Concen: 30.658 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

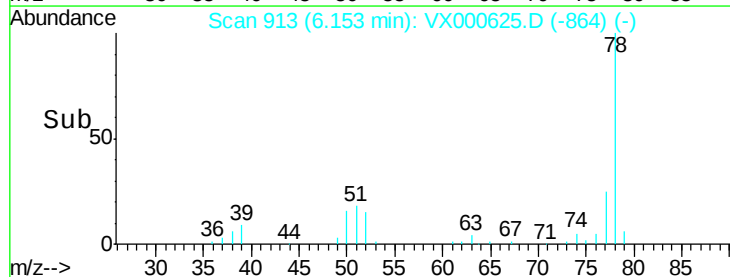
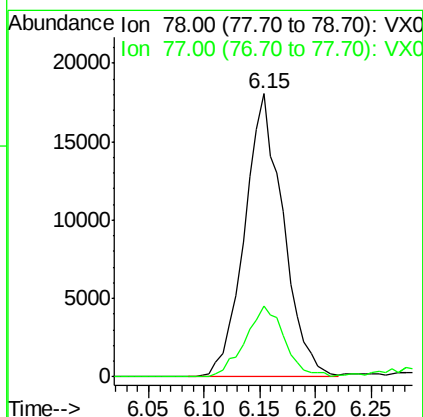
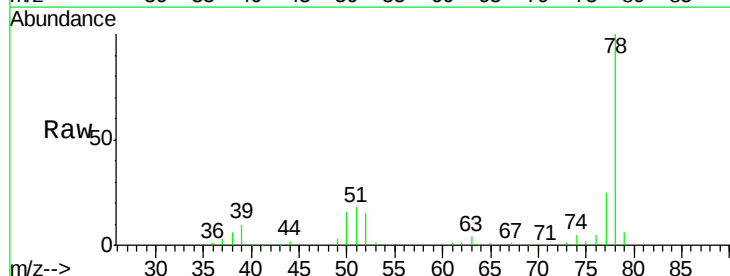
Instrument :
MSVOA_X
ClientSampled :

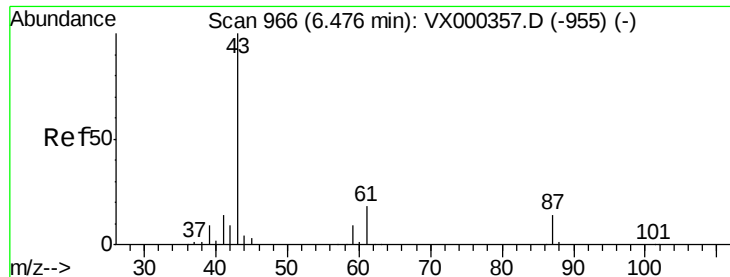
Tot Ion: 83 Resp: 71945
Ion Ratio Lower Upper
83 100
55 74.7 55.5 83.3
98 46.8 38.2 57.4



#40
Benzene
Concen: 7.775 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 78 Resp: 43569
Ion Ratio Lower Upper
78 100
77 25.0 18.7 28.1





#43

Isopropyl Acetate

Concen: 0.597 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

ClientSampled :

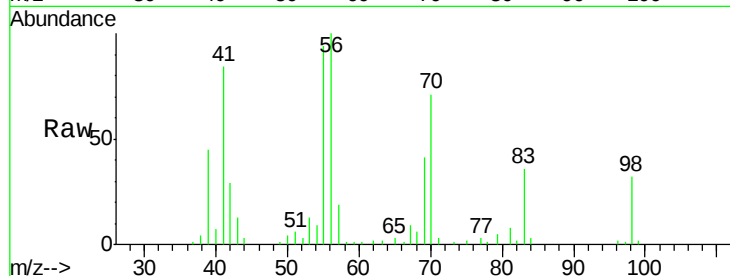
Tot Ion: 43 Resp: 2342

Ion Ratio Lower Upper

43 100

61 0.8 14.4 21.6#

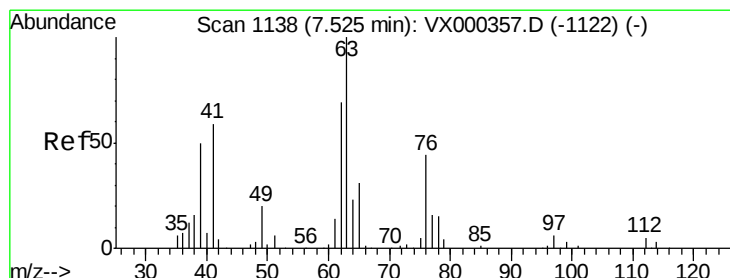
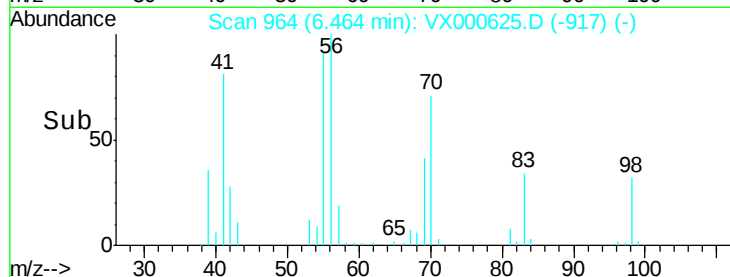
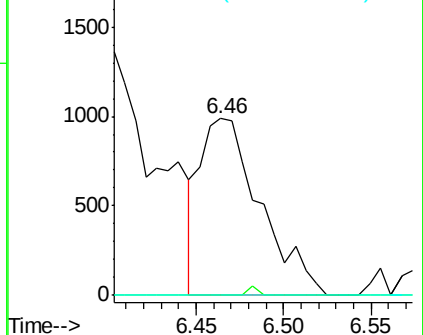
87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.874 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.06 min

Lab File: VX000625.D

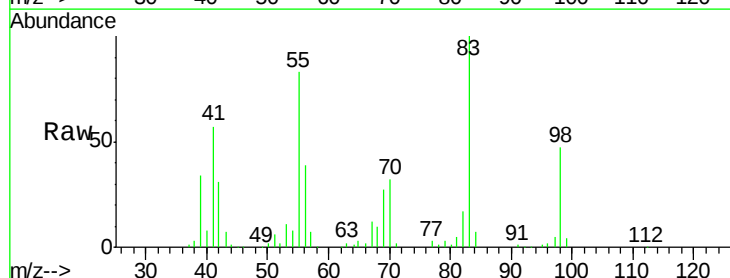
Acq: 01 Apr 2018 05:45

Tgt Ion: 63 Resp: 1254

Ion Ratio Lower Upper

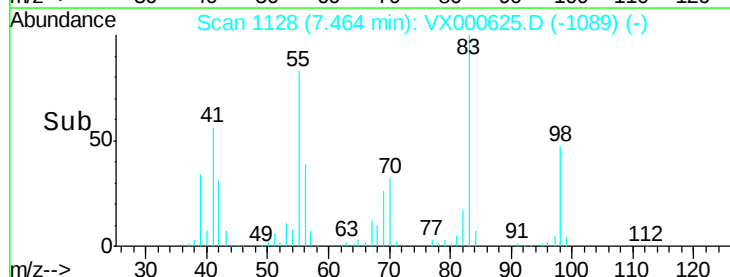
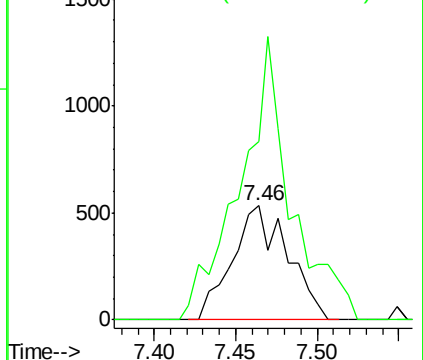
63 100

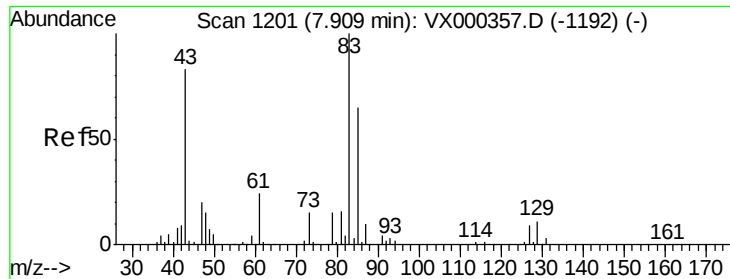
65 143.1 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.451 ug/l

RT: 7.85 min Scan# 1192

Delta R.T. -0.06 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

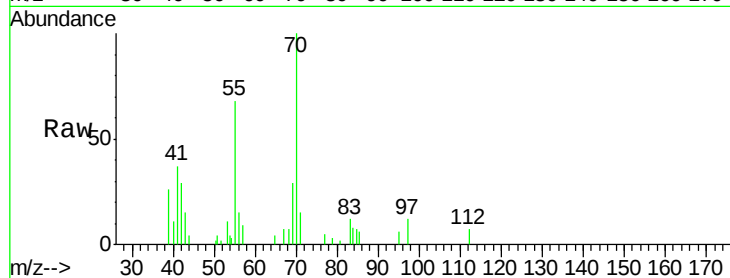
Tot Ion: 83 Resp: 894

Ion Ratio Lower Upper

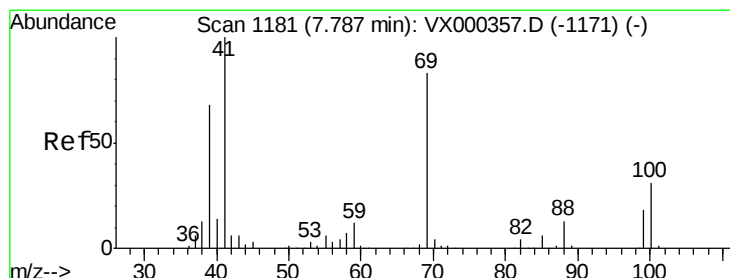
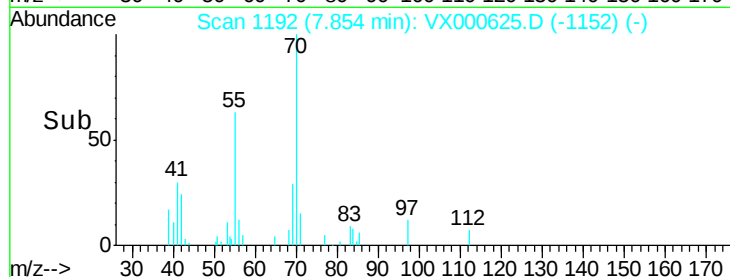
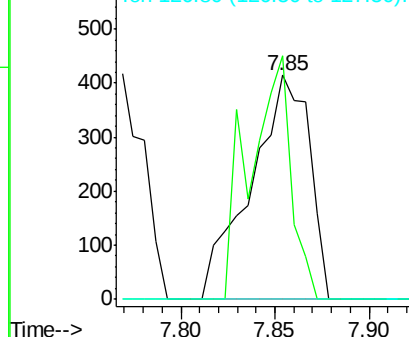
83 100

85 108.7 51.4 77.0#

127 0.0 7.0 10.6#



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



#48

Methyl methacrylate

Concen: 3.797 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.05 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

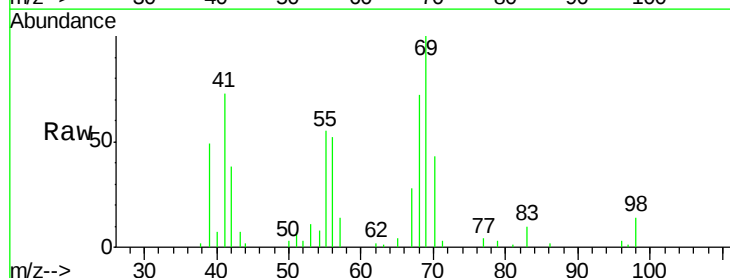
Tgt Ion: 41 Resp: 7232

Ion Ratio Lower Upper

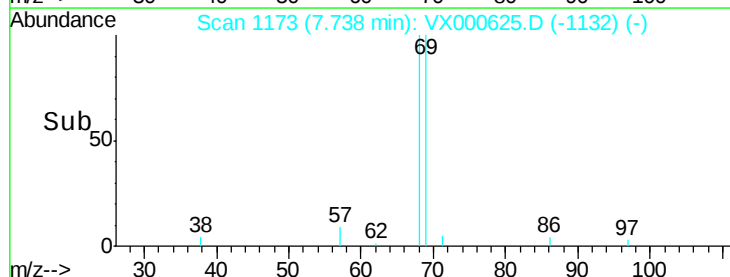
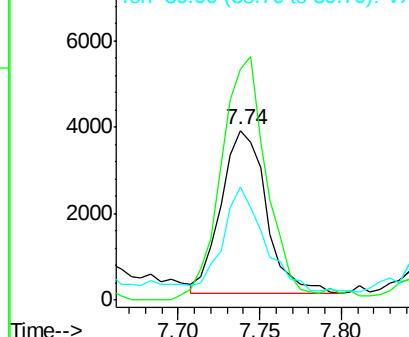
41 100

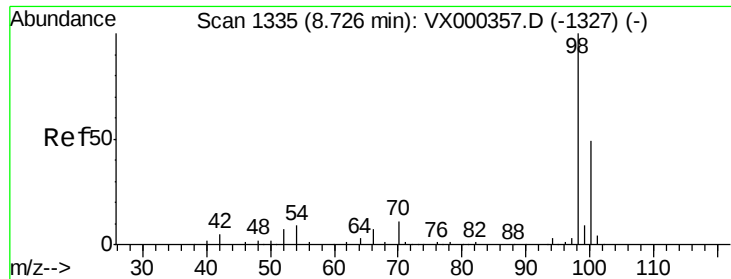
69 151.3 68.2 102.4#

39 59.8 54.6 81.8



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

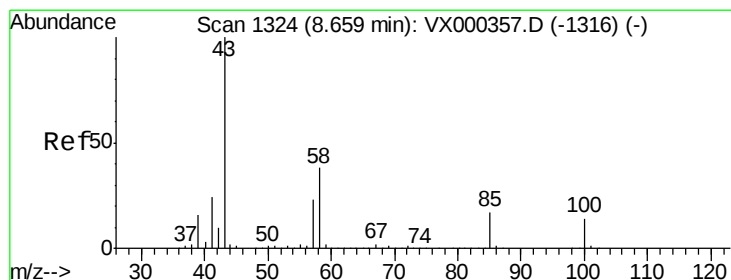
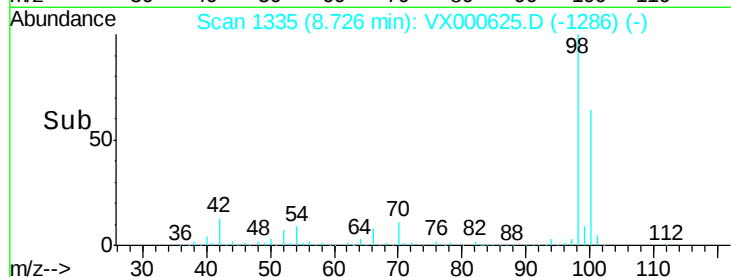
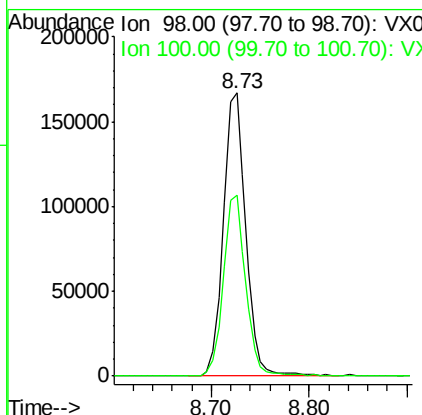
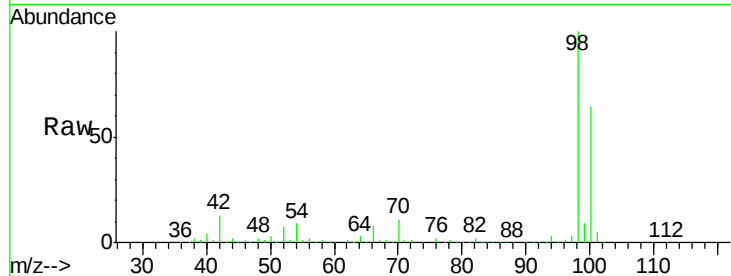




#50
Toluene-d8
Concen: 49.054 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

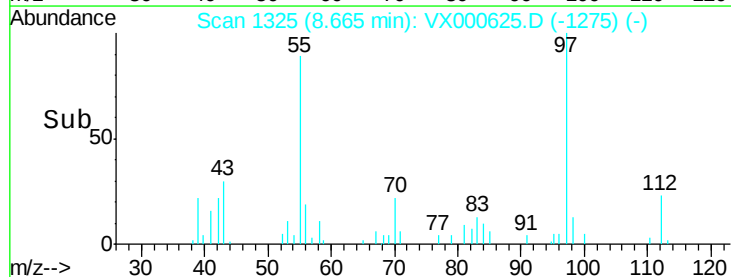
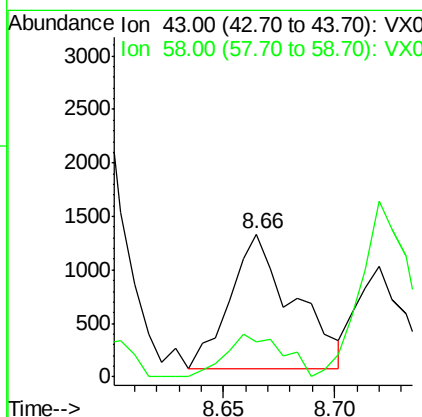
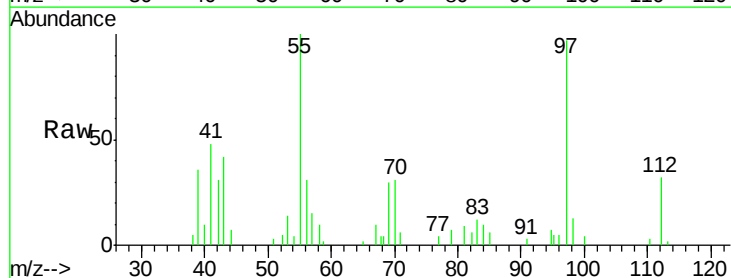
Instrument :
MSVOA_X
ClientSampleId :

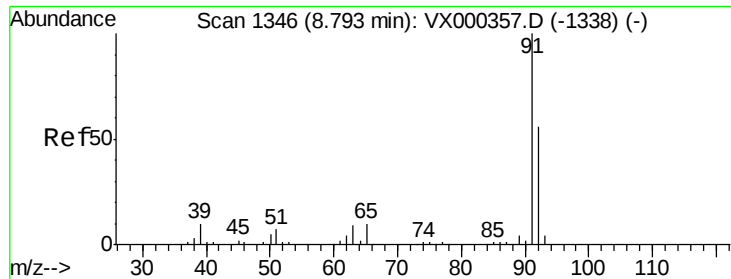
Tot Ion: 98 Resp: 263702
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.822 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
58 28.4 30.3 45.5#





#52

Toluene

Concen: 65.084 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

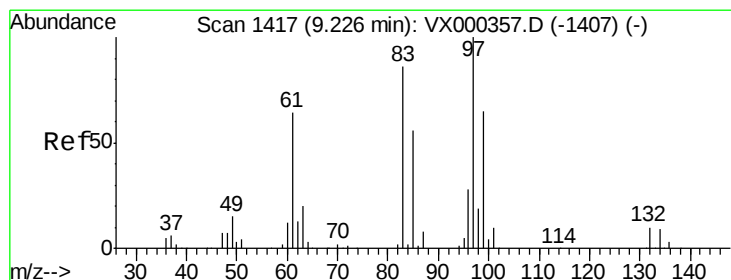
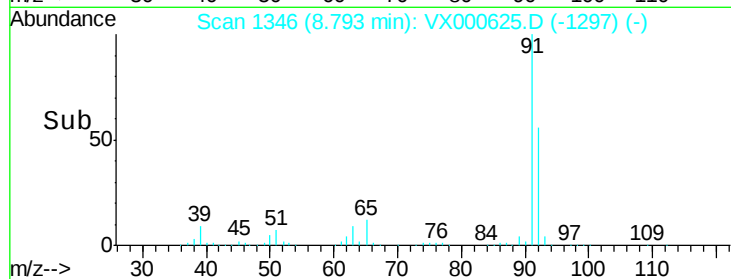
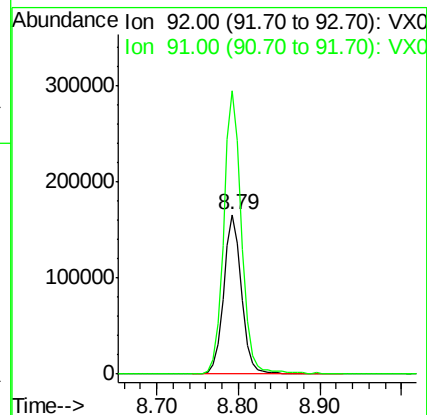
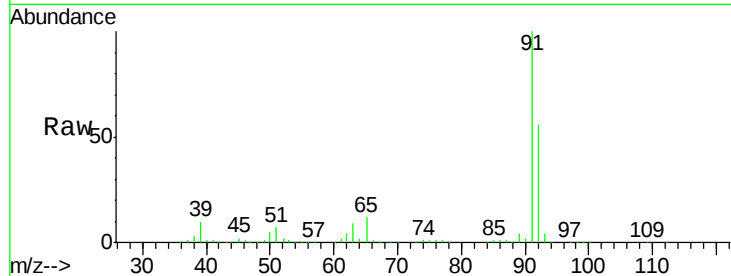
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 254967

Ion Ratio Lower Upper

92 100

91 175.5 140.2 210.2



#55

1,1,2-Trichloroethane

Concen: 0.239 ug/l

RT: 9.27 min Scan# 1425

Delta R.T. 0.05 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Tgt Ion: 97 Resp: 385

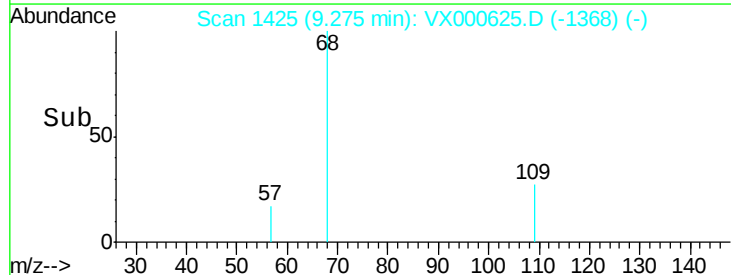
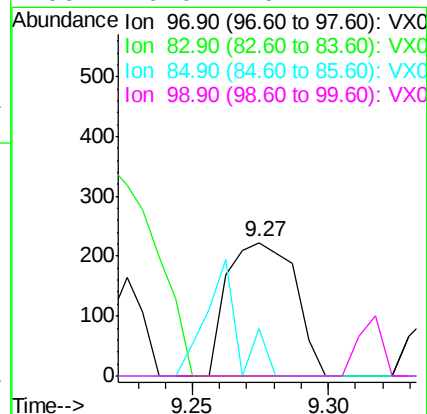
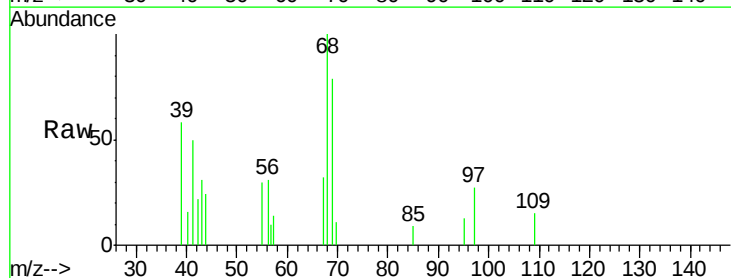
Ion Ratio Lower Upper

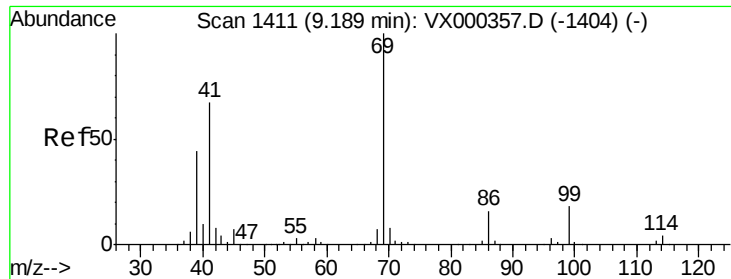
97 100

83 0.0 67.9 101.9#

85 35.4 42.8 64.2#

99 0.0 49.4 74.2#





#56

Ethyl methacrylate

Concen: 0.917 ug/l

RT: 9.18 min Scan# 1409

Delta R.T. -0.01 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :
MSVOA_X
ClientSampled :

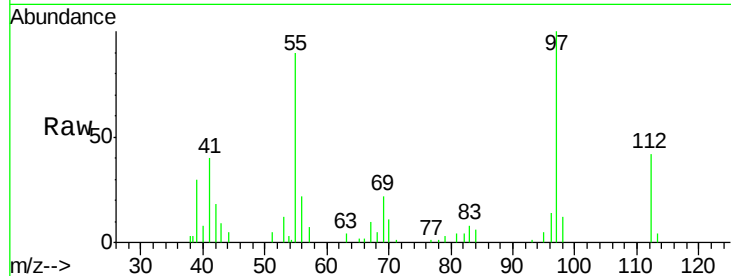
Tot Ion: 69 Resp: 2239

Ion Ratio Lower Upper

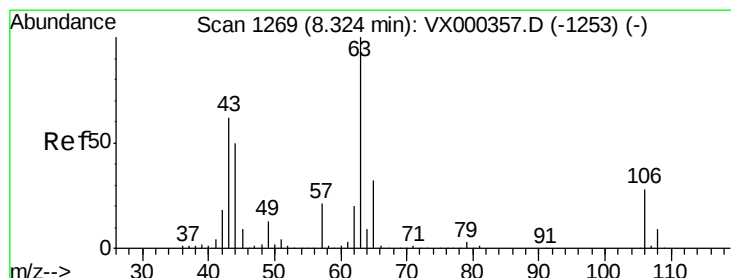
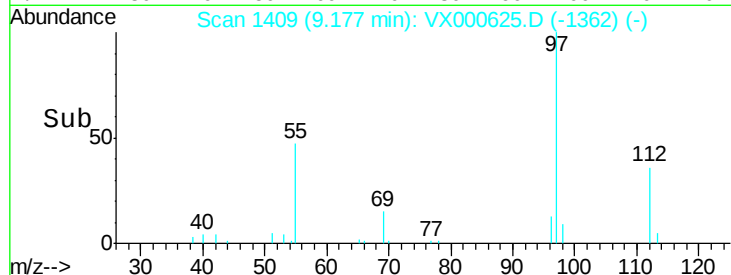
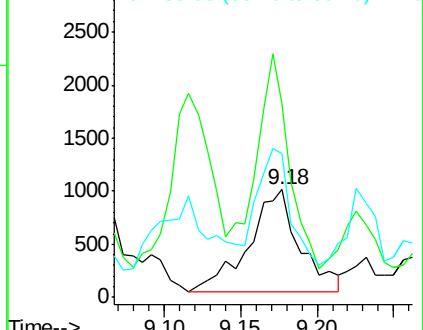
69 100

41 122.8 53.0 79.6#

39 74.1 35.3 52.9#



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



#58

2-Chloroethyl Vinyl ether

Concen: 0.213 ug/l

RT: 8.21 min Scan# 1250

Delta R.T. -0.12 min

Lab File: VX000625.D

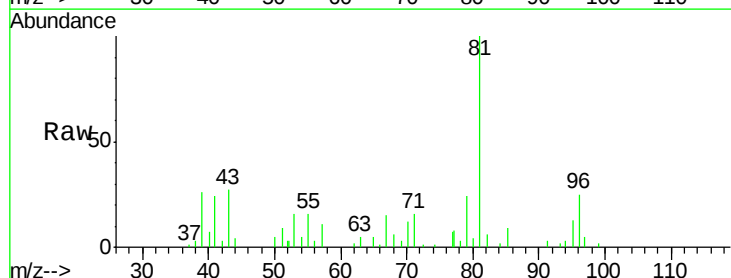
Acq: 01 Apr 2018 05:45

Tgt Ion: 63 Resp: 250

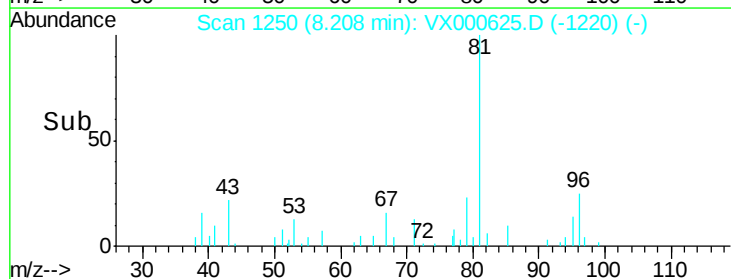
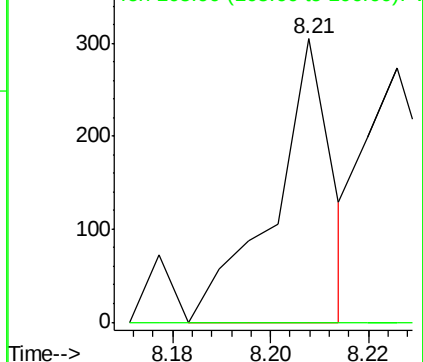
Ion Ratio Lower Upper

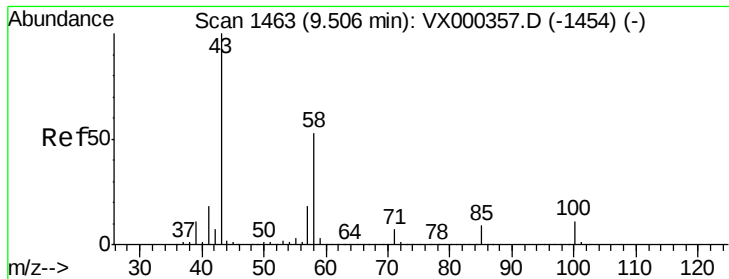
63 100

106 0.0 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

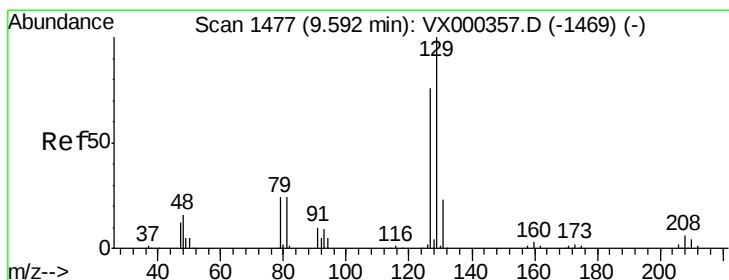
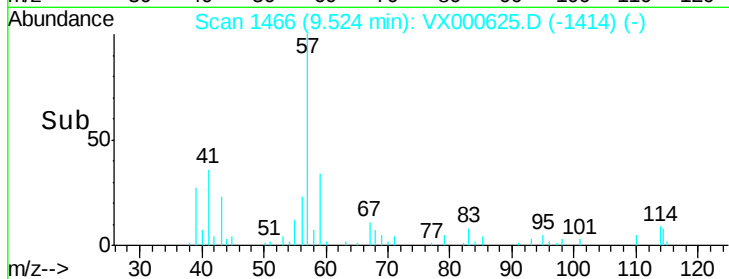
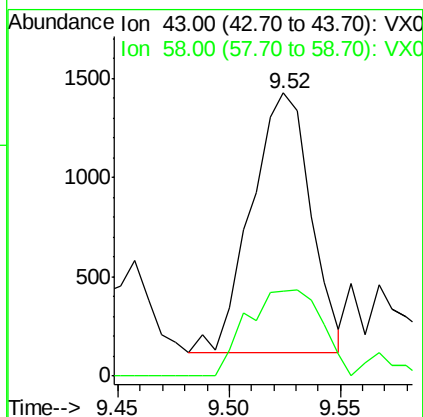
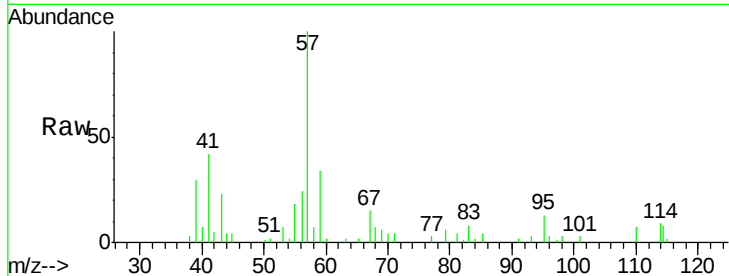




#59
2-Hexanone
Concen: 0.940 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

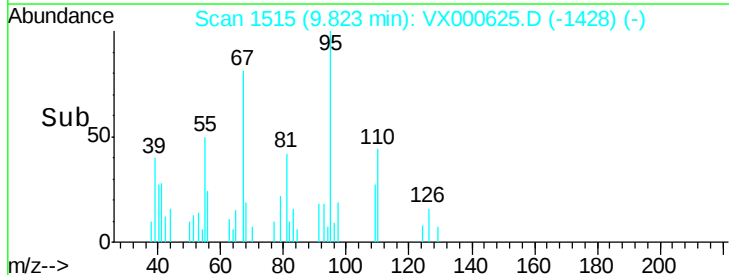
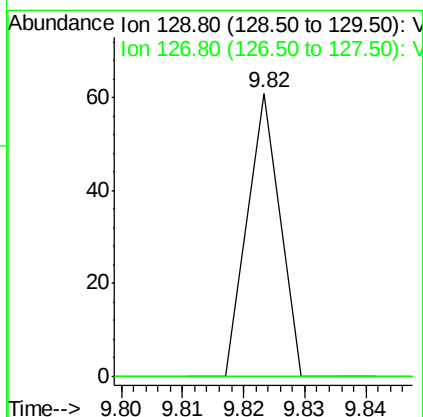
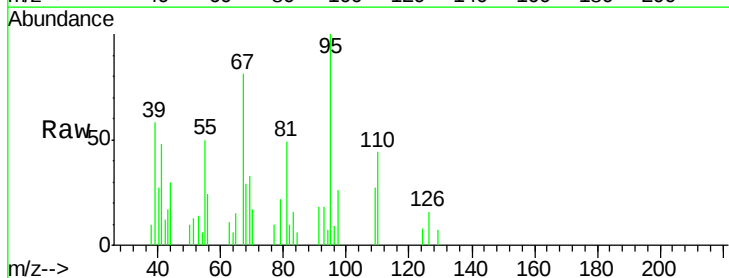
Instrument :
MSVOA_X
ClientSampleId :

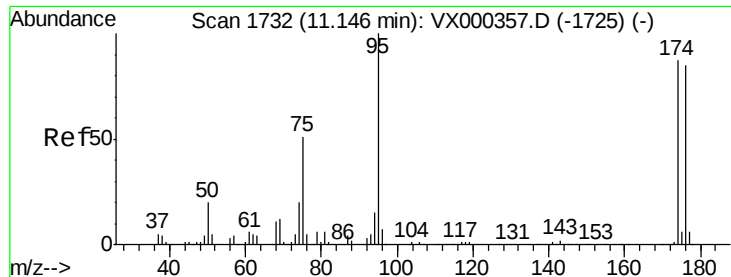
Tot Ion: 43 Resp: 2424
Ion Ratio Lower Upper
43 100
58 41.7 26.6 79.7



#60
Dibromochloromethane
Concen: 4.127 ug/l
RT: 9.82 min Scan# 1515
Delta R.T. 0.23 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#





#62

4-Bromofluorobenzene

Concen: 54.219 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

ClientSampled :

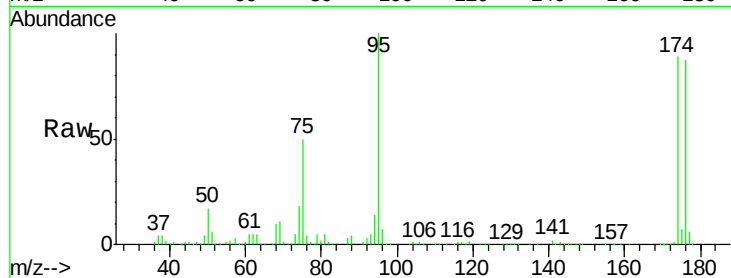
Tot Ion: 95 Resp: 124541

Ion Ratio Lower Upper

95 100

174 86.4 0.0 173.6

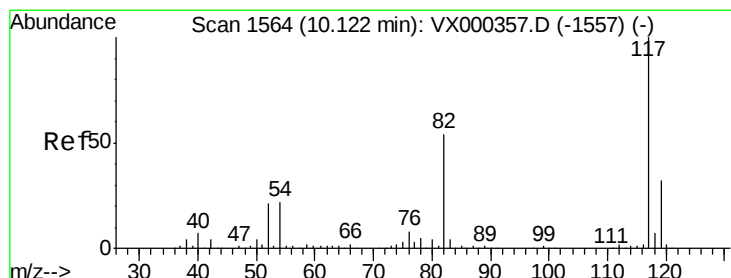
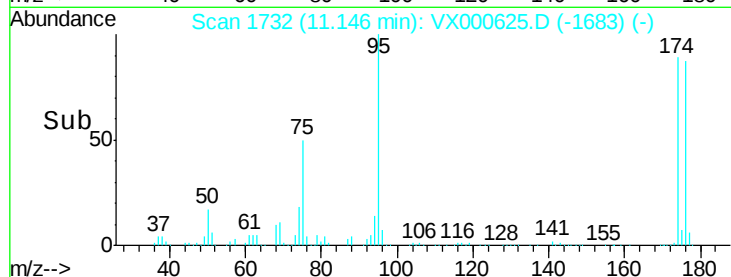
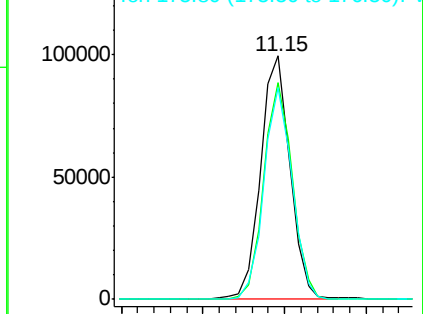
176 83.4 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000625.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000625.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000625.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

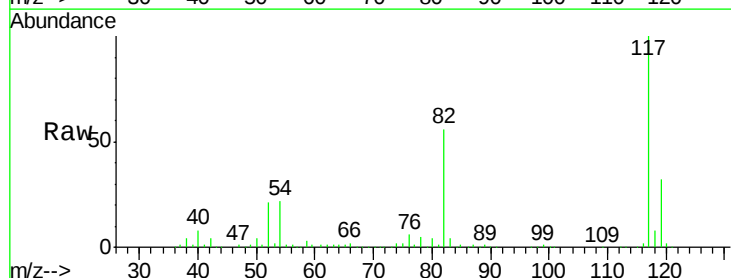
Tgt Ion: 117 Resp: 212058

Ion Ratio Lower Upper

117 100

82 55.6 43.8 65.8

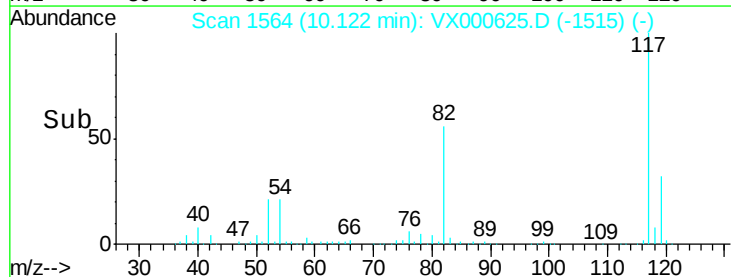
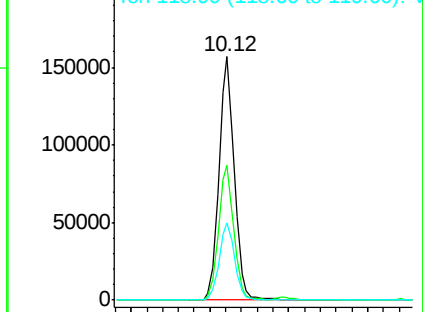
119 31.8 24.9 37.3

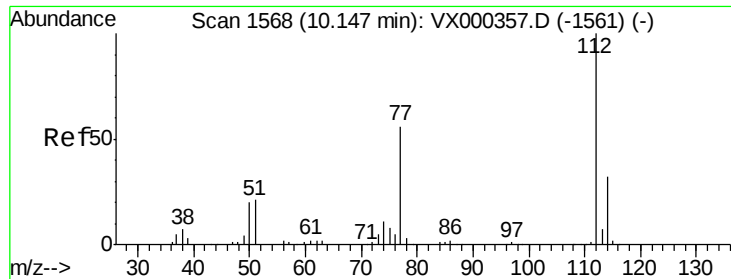


Abundance Ion 116.90 (116.60 to 117.60): VX000625.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000625.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000625.D (-1515) (-)

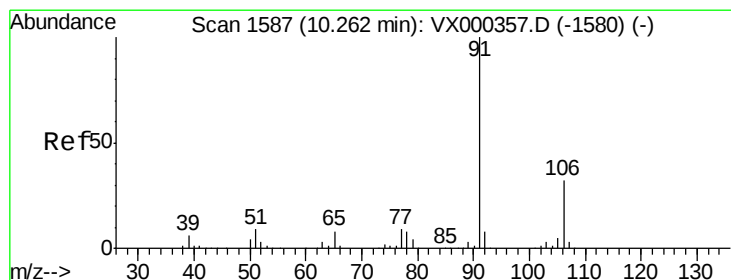
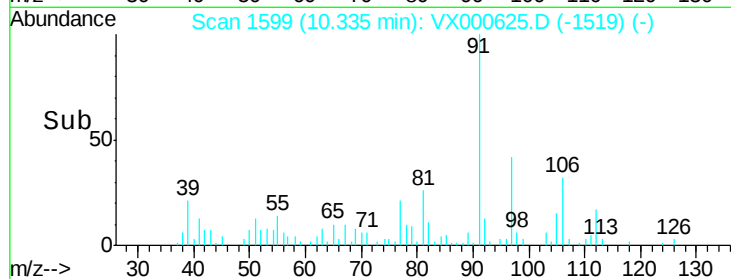
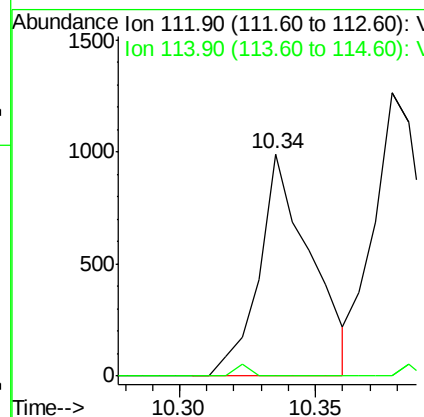
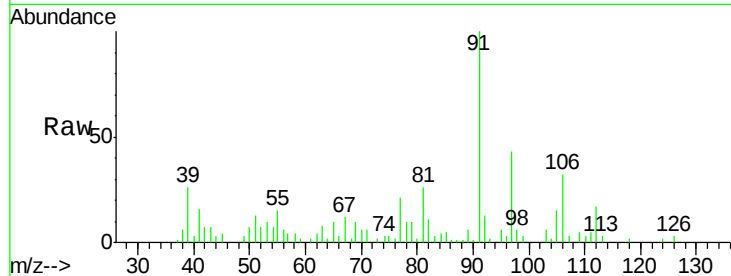




#65
Chlorobenzene
Concen: 0.276 ug/l
RT: 10.34 min Scan# 1599
Delta R.T. 0.19 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

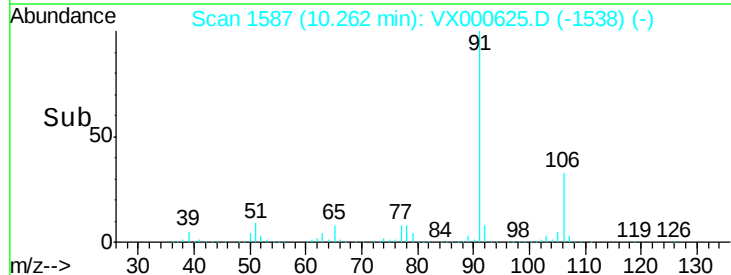
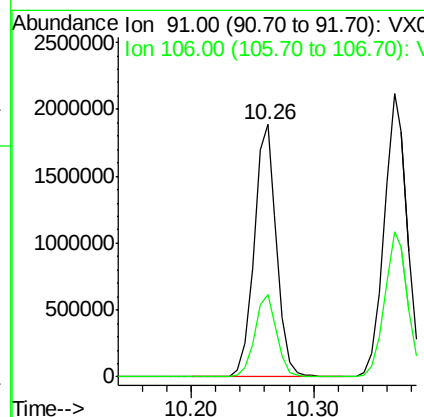
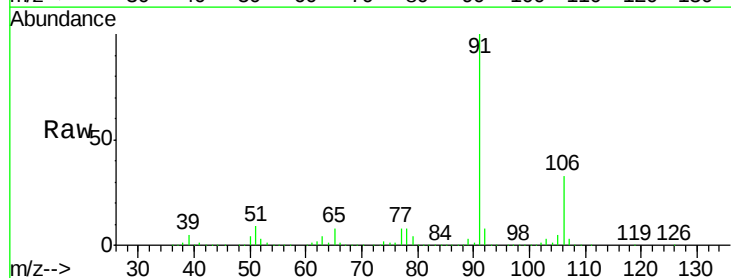
Instrument :
MSVOA_X
ClientSampled :

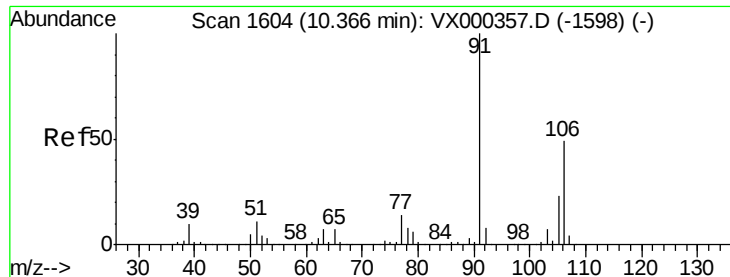
Tot Ion:112 Resp: 1303
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



#67
Ethyl Benzene
Concen: 298.765 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 91 Resp: 2390115
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6

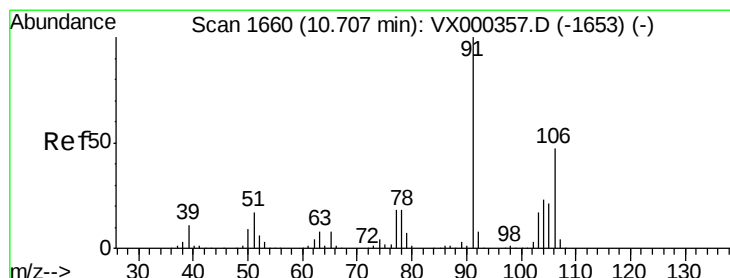
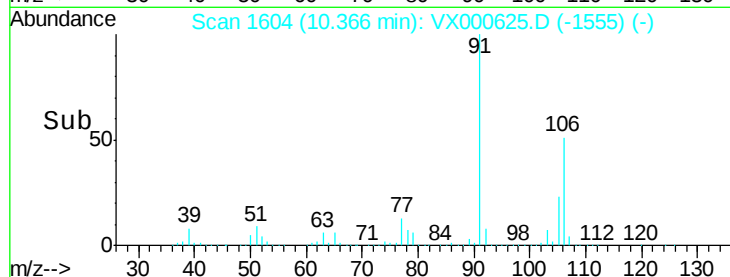
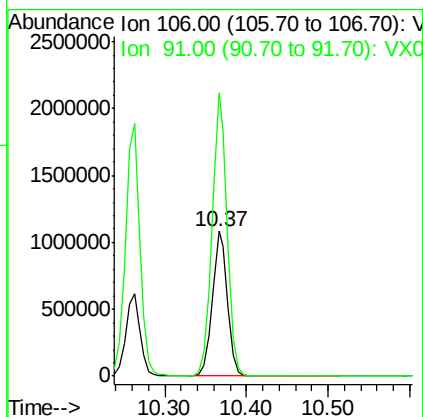
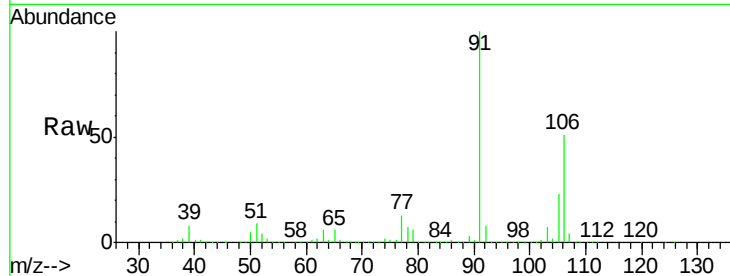




#68
m/p-Xvlenes
Concen: 450.581 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

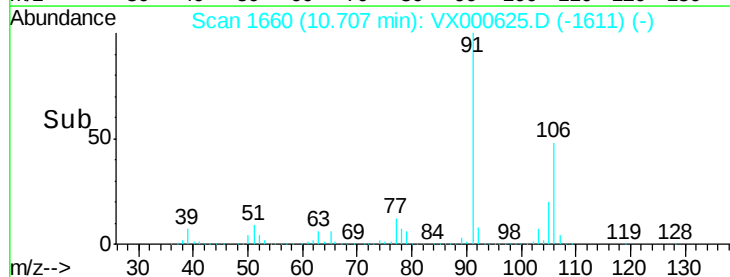
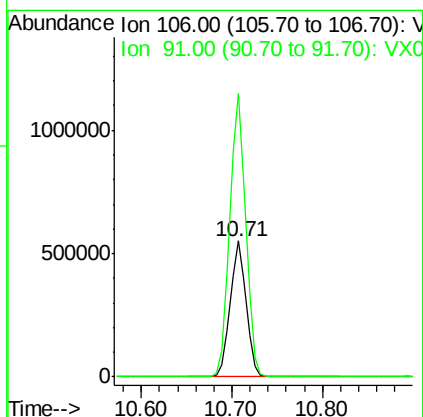
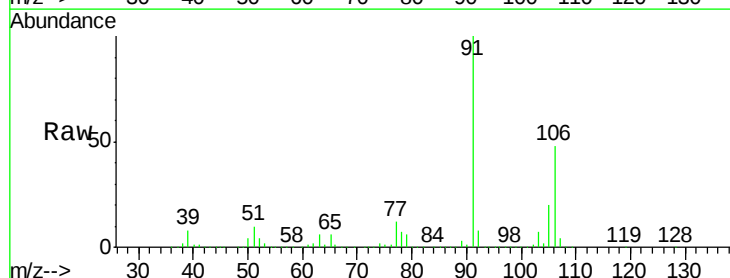
Instrument :
MSVOA_X
ClientSampled :

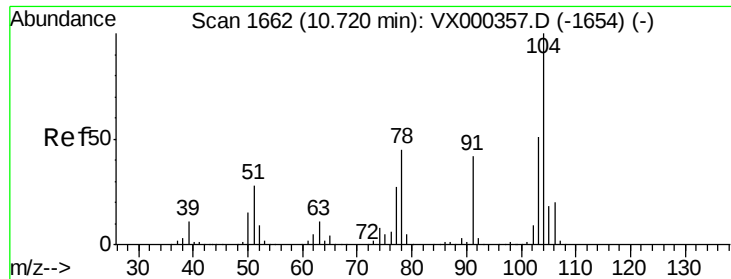
Tot Ion:106 Resp: 1418427
Ion Ratio Lower Upper
106 100
91 195.2 163.4 245.2



#69
o-Xylene
Concen: 219.968 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion:106 Resp: 670467
Ion Ratio Lower Upper
106 100
91 209.8 106.5 319.6

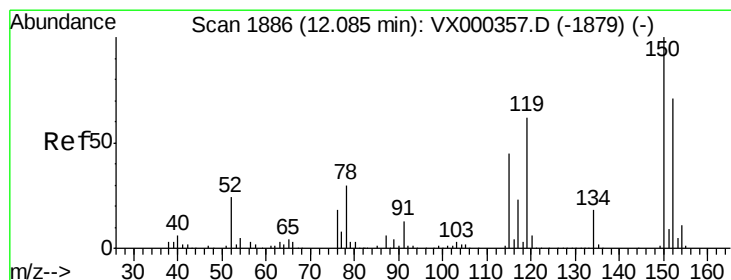
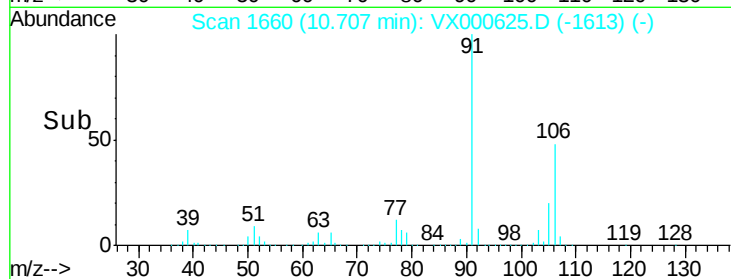
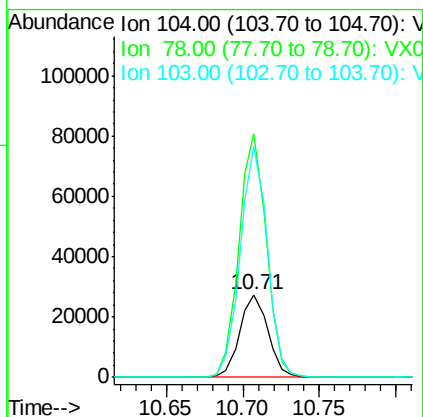
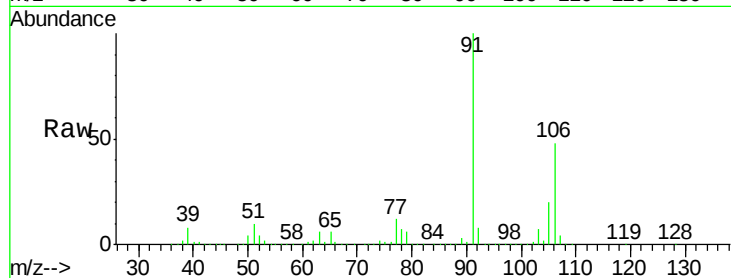




#70
Stvrene
Concen: 6.959 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

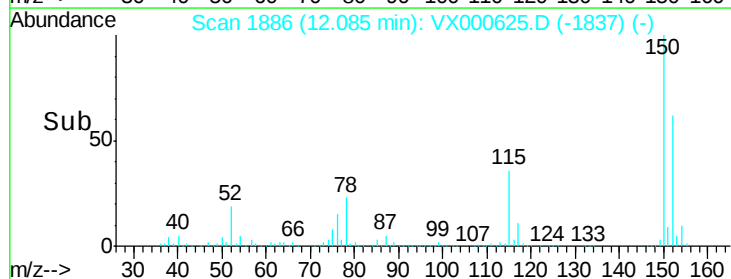
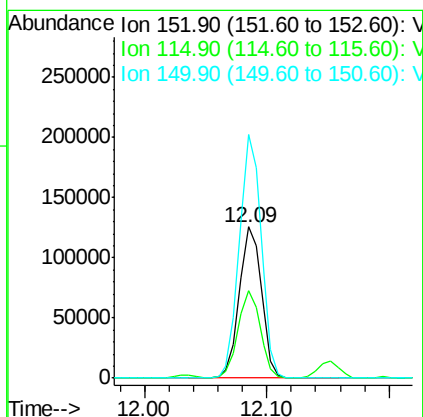
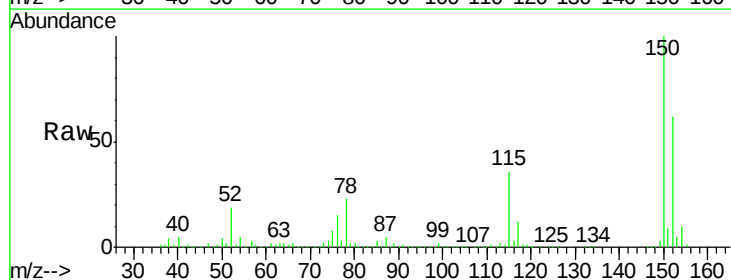
Instrument :
MSVOA_X
ClientSampled :

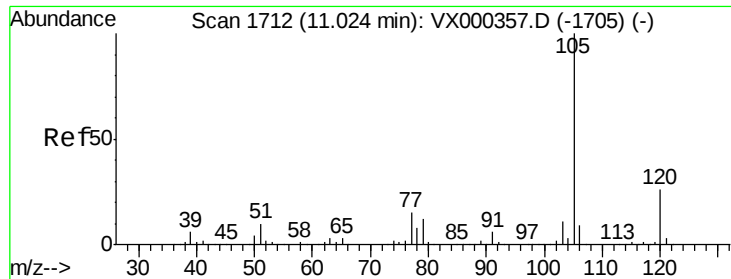
Tot Ion:104 Resp: 35095
Ion Ratio Lower Upper
104 100
78 286.0 40.5 60.7#
103 268.3 45.7 68.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion:152 Resp: 156890
Ion Ratio Lower Upper
152 100
115 57.2 39.8 119.3
150 159.7 0.0 344.4

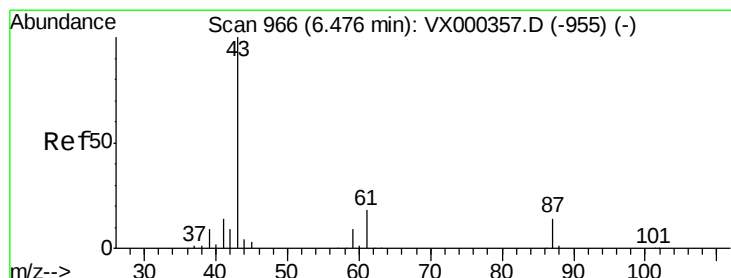
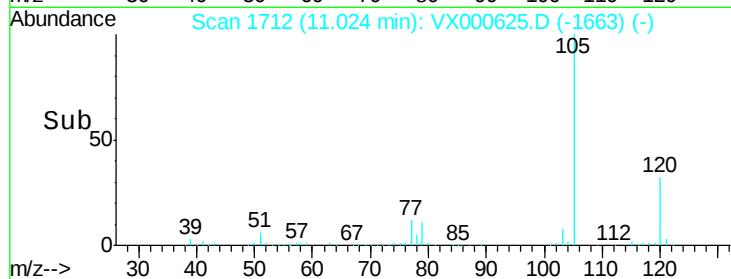
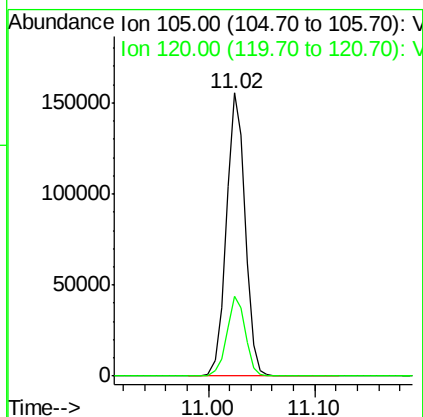
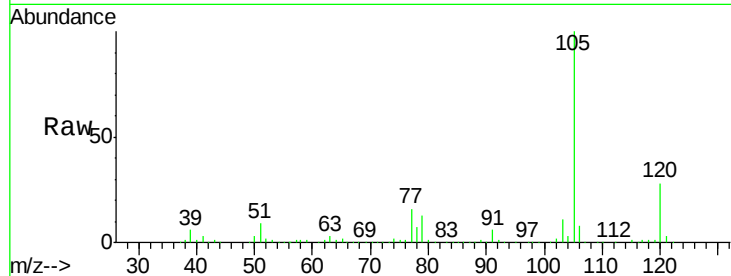




#73
Isopropylbenzene
Concen: 18.462 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

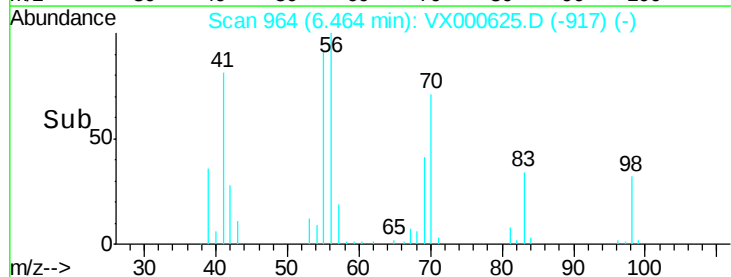
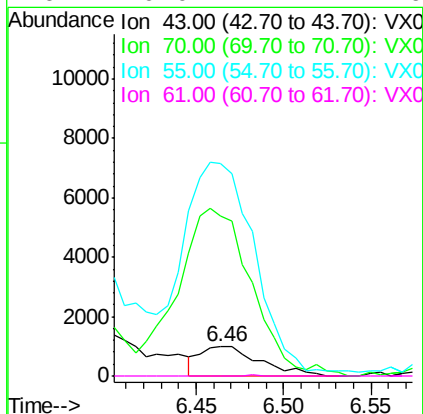
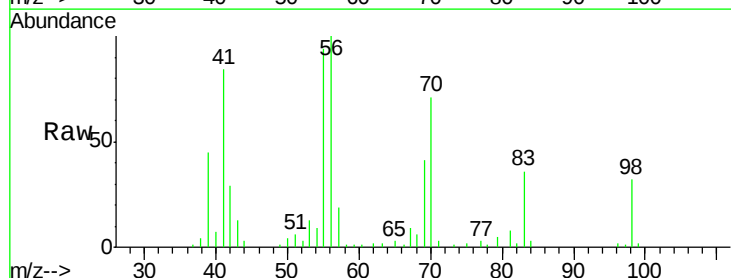
Instrument :
MSVOA_X
ClientSampleId :

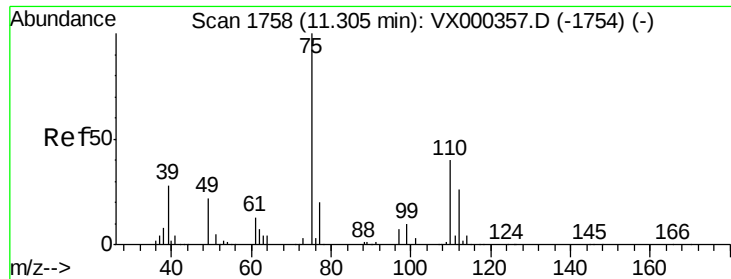
Tot Ion:105 Resp: 191916
Ion Ratio Lower Upper
105 100
120 27.8 13.6 40.7



#74
N-ethyl acetate
Concen: Below Cal
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
70 711.1 0.0 0.0#
55 845.0 0.0 0.0#
61 0.0 14.4 21.6#

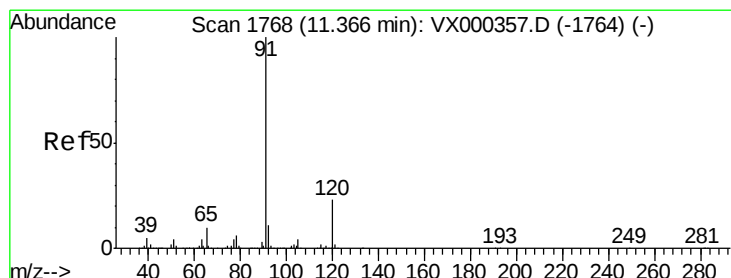
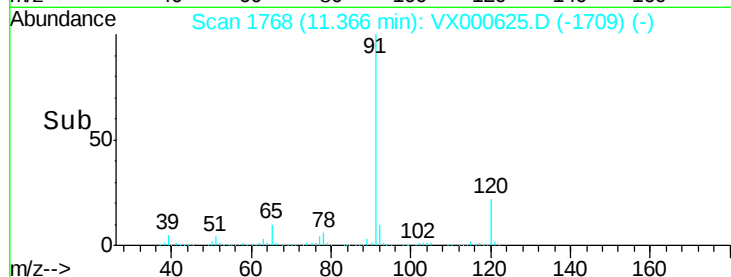
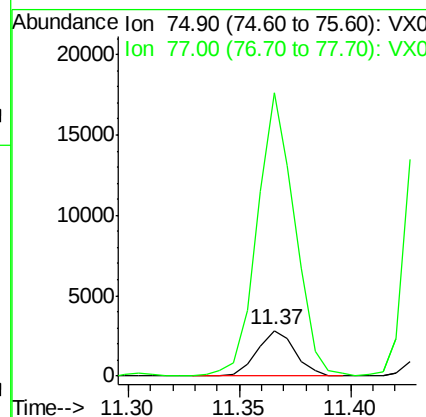
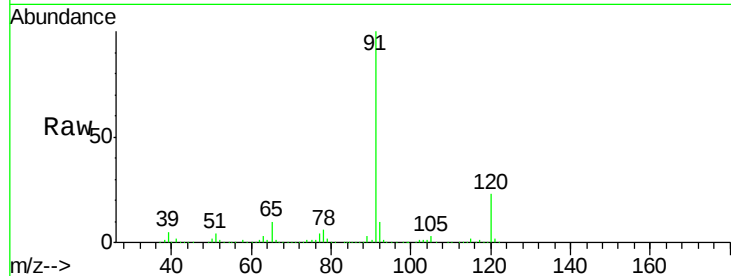




#76
 1,2,3-Trichloropropane
 Concen: 1.004 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. 0.06 min
 Lab File: VX000625.D
 Acq: 01 Apr 2018 05:45

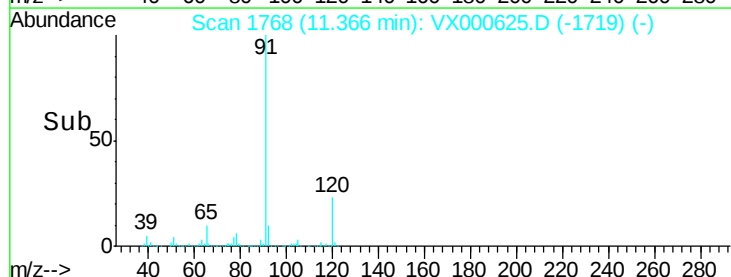
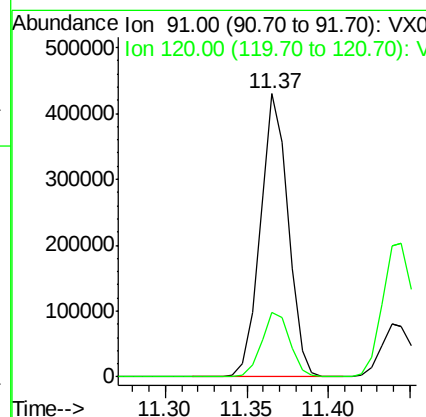
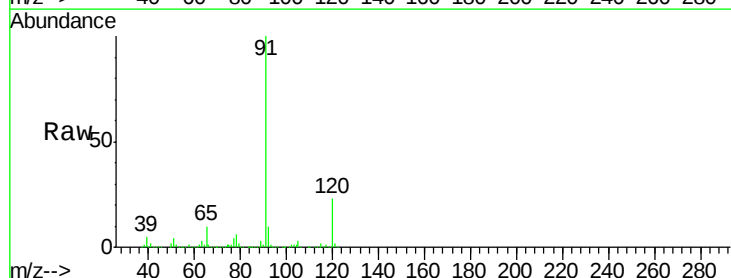
Instrument :
 MSVOA_X
 ClientSampled :

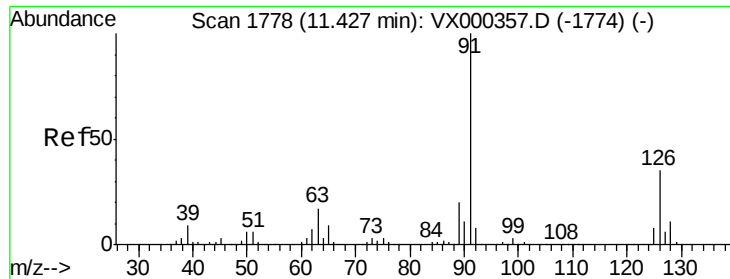
Tot Ion: 75 Resp: 3385
 Ion Ratio Lower Upper
 75 100
 77 608.2 21.4 64.2#



#78
 n-propylbenzene
 Concen: 41.196 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VX000625.D
 Acq: 01 Apr 2018 05:45

Tgt Ion: 91 Resp: 510612
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.8 35.3

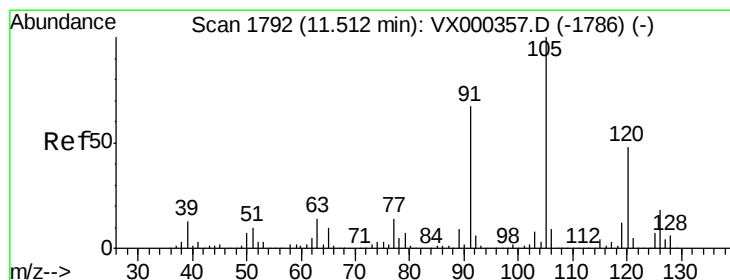
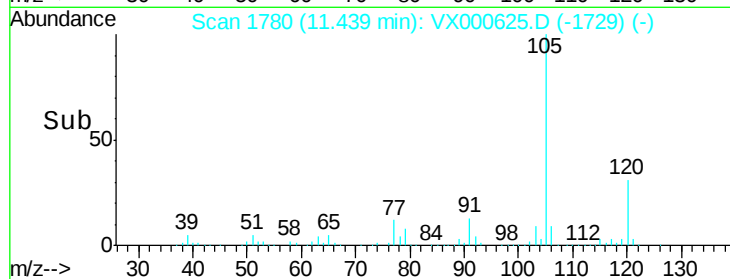
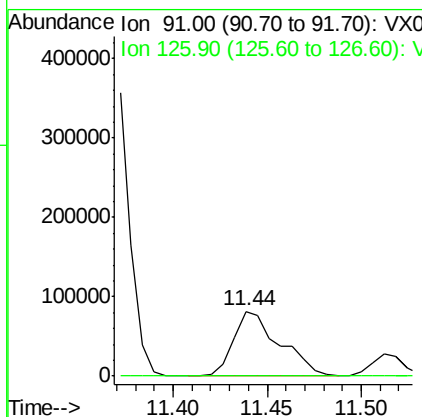
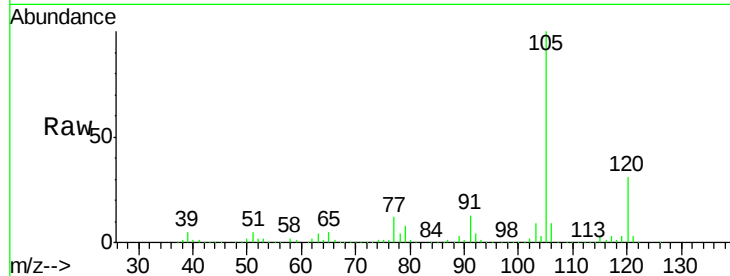




#79
 2-Chlorotoluene
 Concen: 19.377 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VX000625.D
 Acq: 01 Apr 2018 05:45

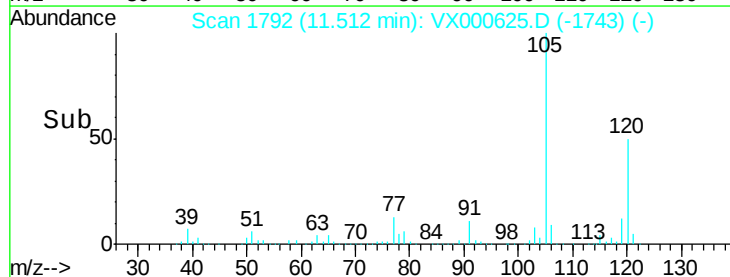
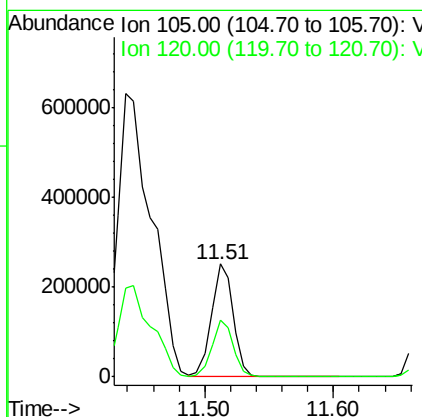
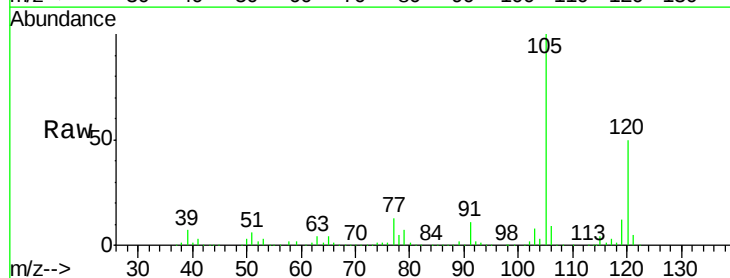
Instrument :
 MSVOA_X
 ClientSampled :

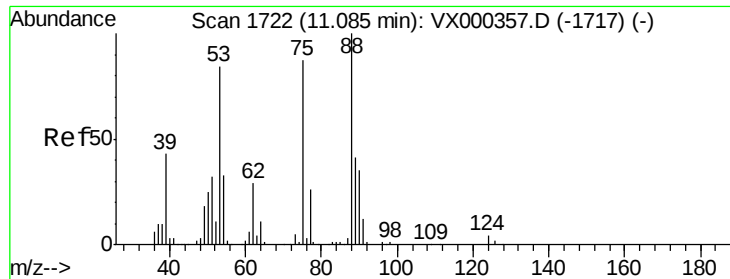
Tot Ion: 91 Resp: 138751
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 34.288 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000625.D
 Acq: 01 Apr 2018 05:45

Tgt Ion:105 Resp: 299694
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.285 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

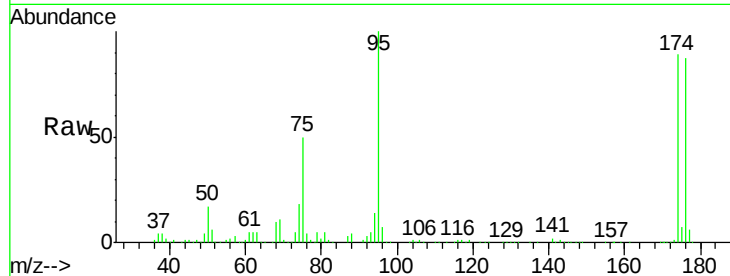
Tot Ion: 75 Resp: 63825

Ion Ratio Lower Upper

75 100

53 0.1 80.7 121.1#

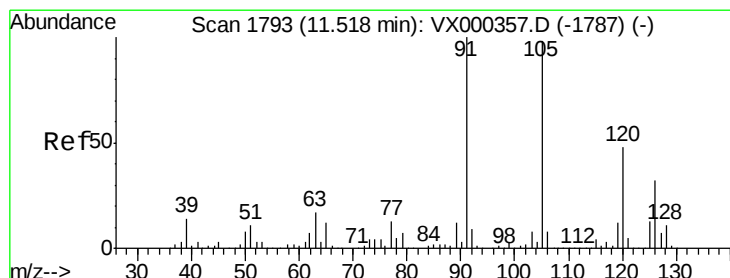
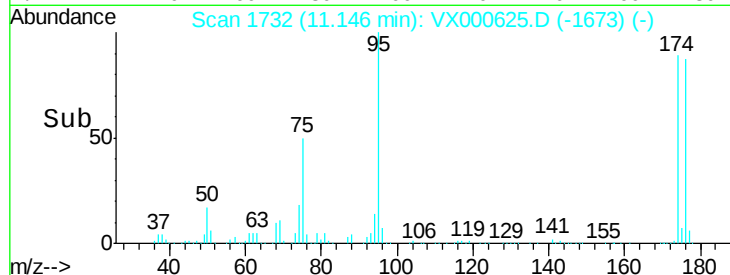
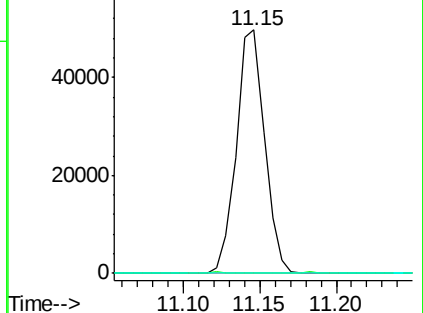
89 0.0 39.4 59.0#



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: 3.854 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000625.D

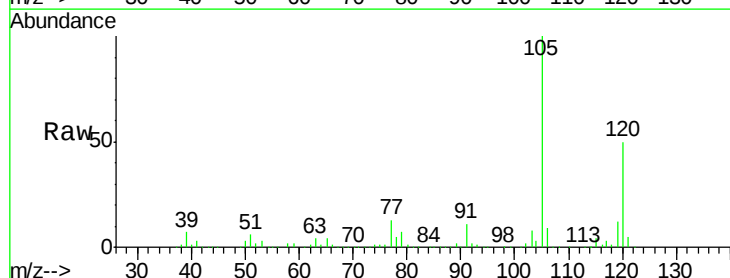
Acq: 01 Apr 2018 05:45

Tgt Ion: 91 Resp: 32951

Ion Ratio Lower Upper

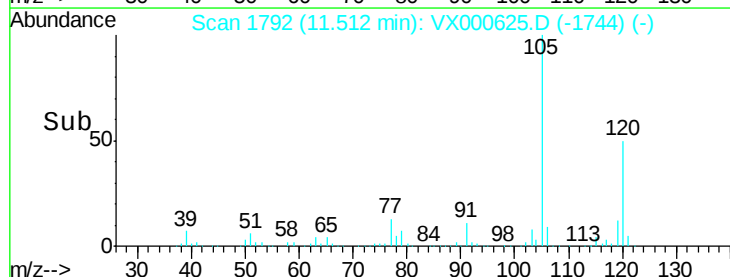
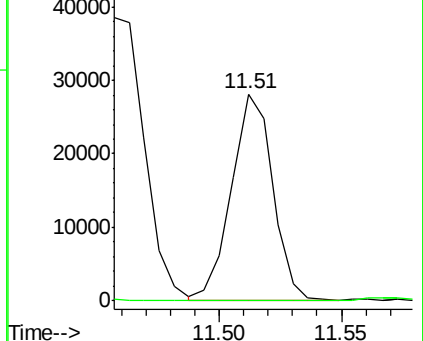
91 100

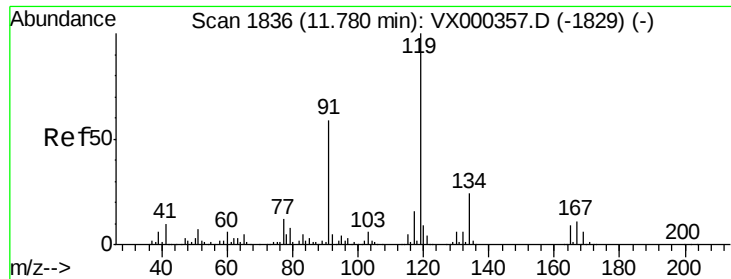
126 0.0 15.4 46.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 32.040 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.04 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

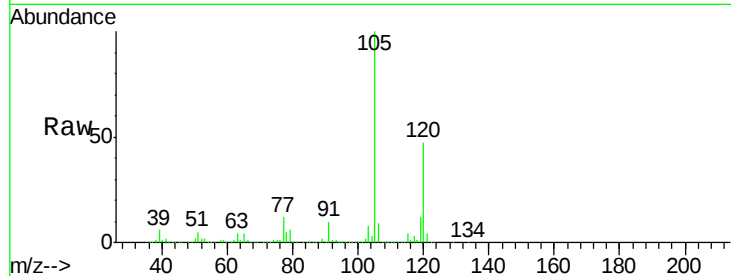
Tot Ion:119 Resp: 282437

Ion Ratio Lower Upper

119 100

91 84.2 28.8 86.4

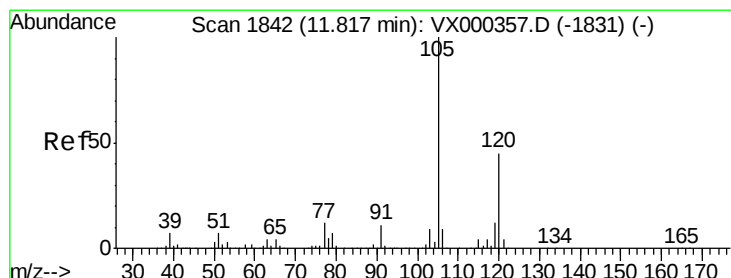
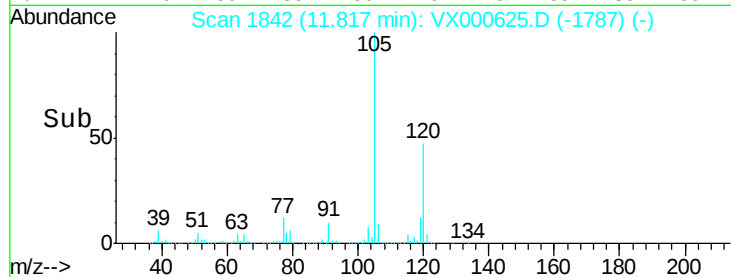
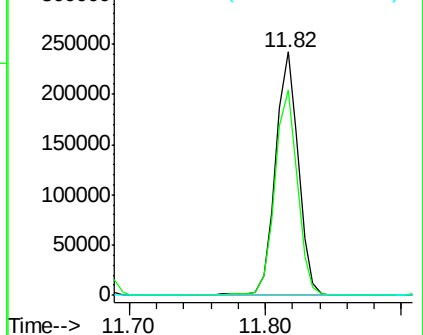
134 0.0 11.4 34.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 244.536 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000625.D

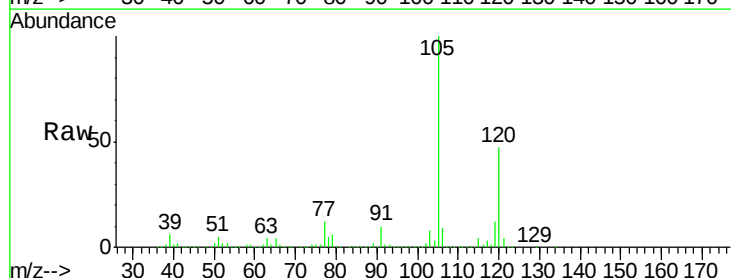
Acq: 01 Apr 2018 05:45

Tgt Ion:105 Resp: 2240875

Ion Ratio Lower Upper

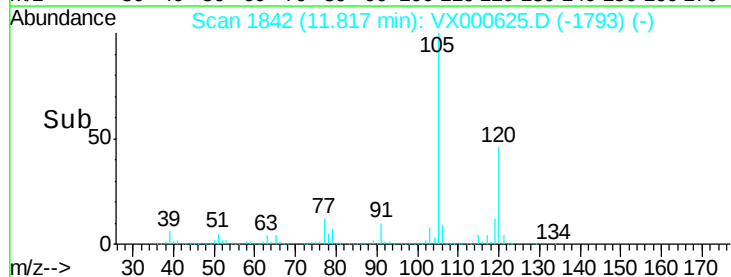
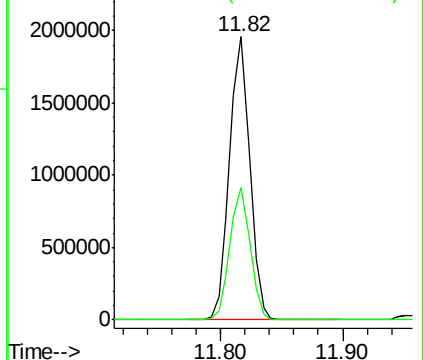
105 100

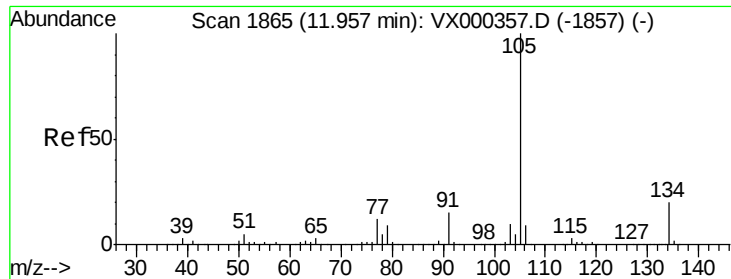
120 46.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 205.447 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.14 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

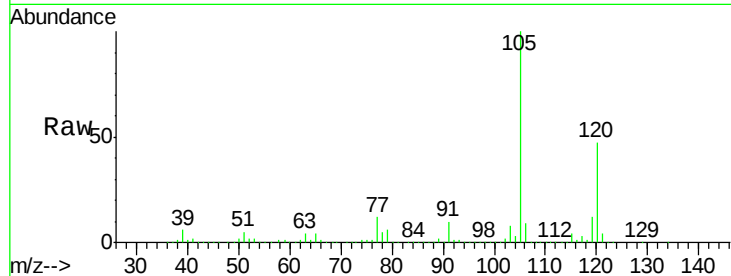
ClientSampled :

Tot Ion:105 Resp: 2240875

Ion Ratio Lower Upper

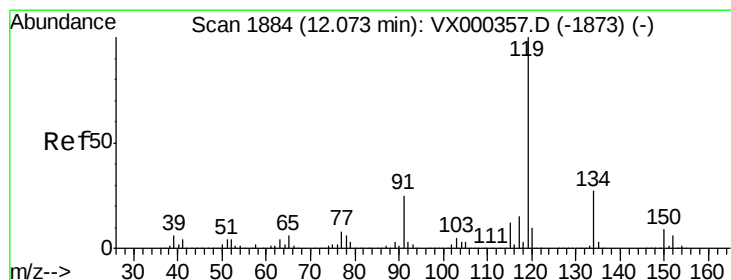
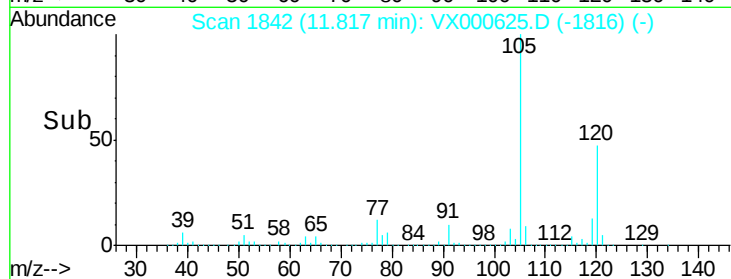
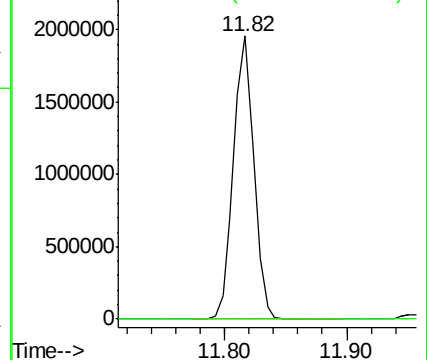
105 100

134 0.0 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.555 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.04 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

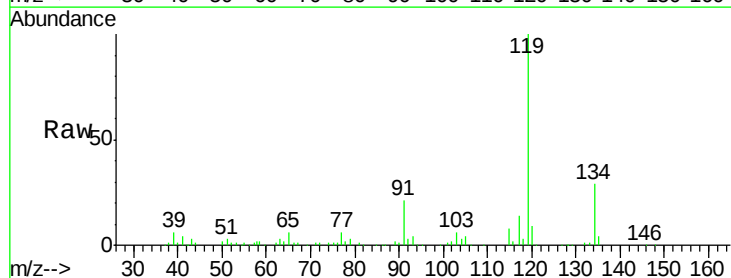
Tgt Ion:119 Resp: 44126

Ion Ratio Lower Upper

119 100

134 29.1 13.3 39.9

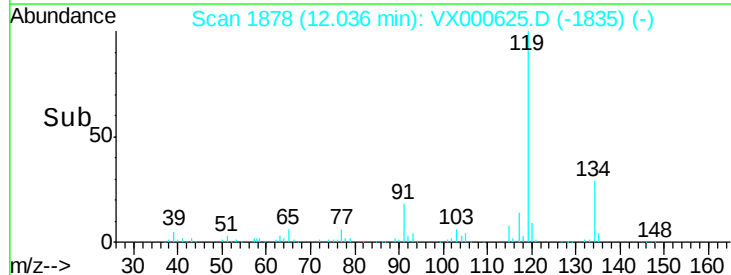
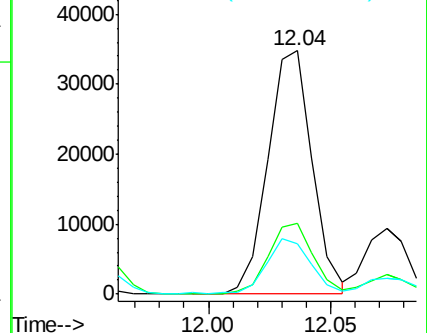
91 22.4 12.0 36.1

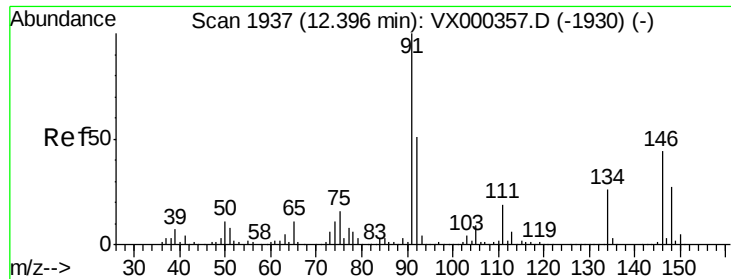


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

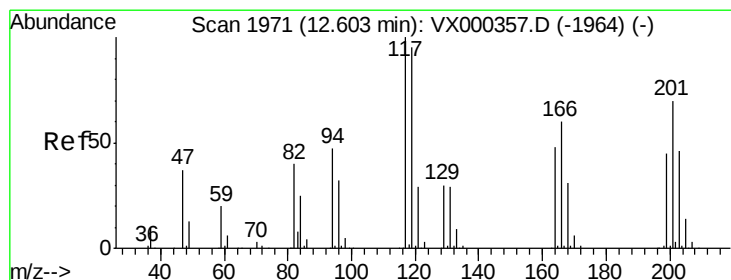
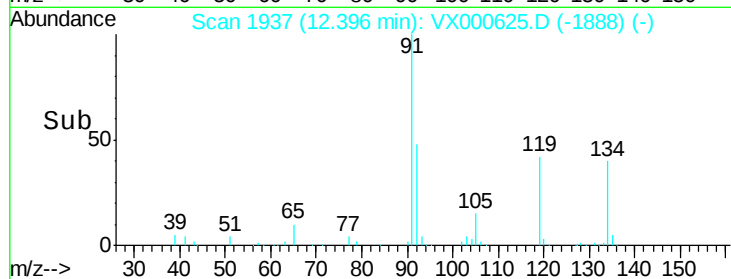
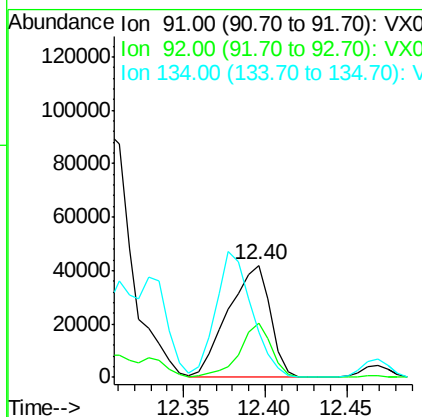
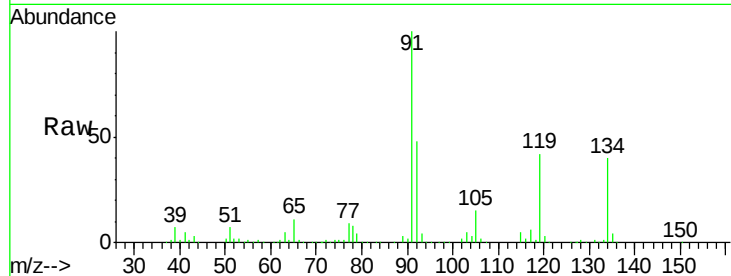




#89
n-Butylbenzene
Concen: 8.350 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

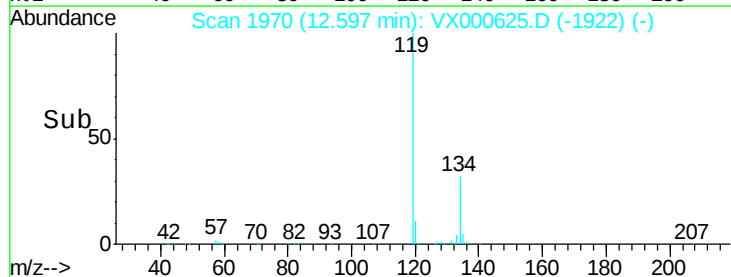
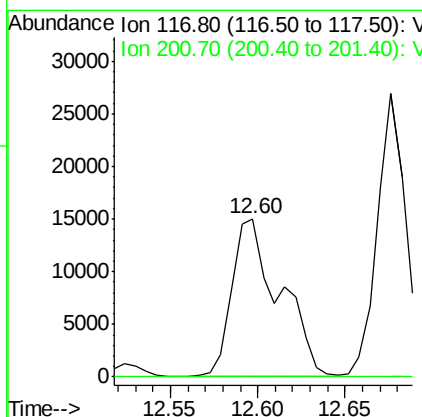
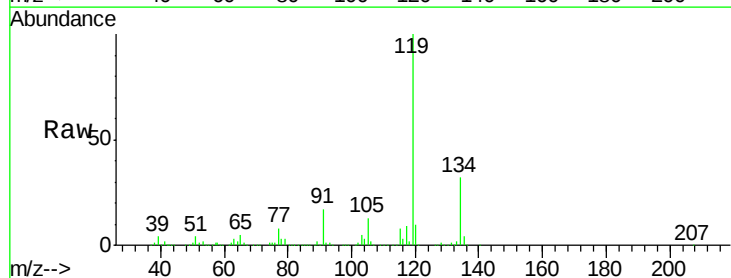
Instrument :
MSVOA_X
ClientSampled :

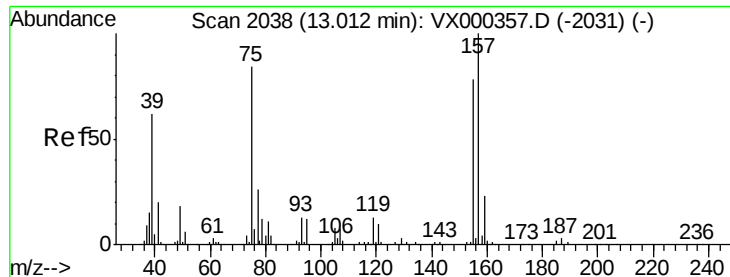
Tot Ion: 91 Resp: 75308
Ion Ratio Lower Upper
91 100
92 36.3 25.9 77.8
134 96.9 13.1 39.3#



#90
Hexachloroethane
Concen: 18.750 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX000625.D
Acq: 01 Apr 2018 05:45

Tgt Ion: 117 Resp: 28589
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.732 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.01 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

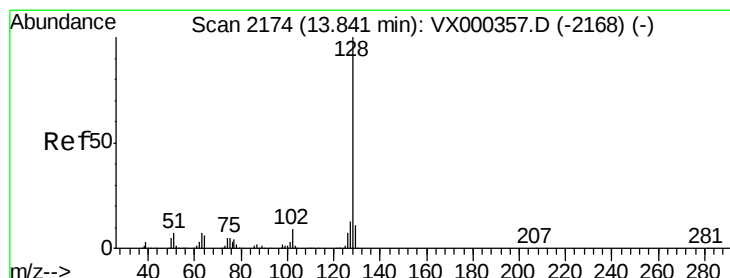
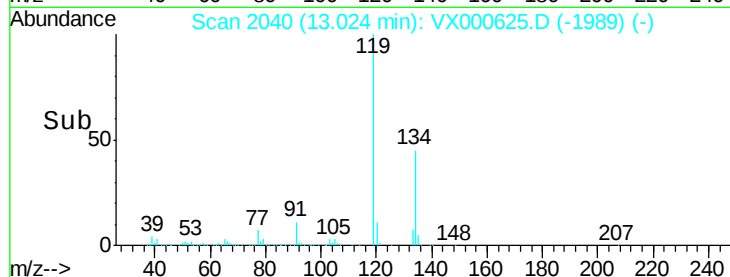
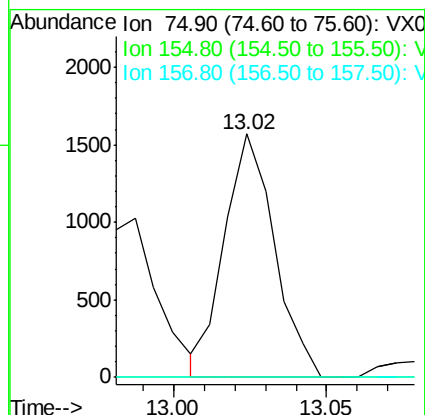
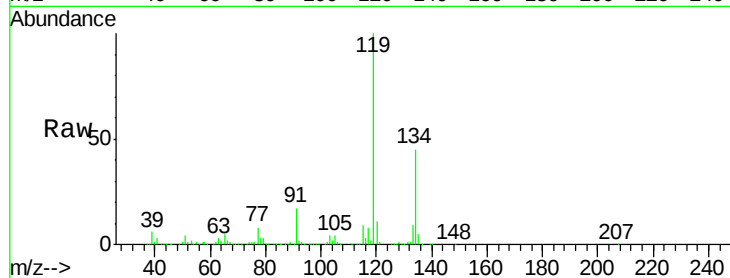
Tot Ion: 75 Resp: 1776

Ion Ratio Lower Upper

75 100

155 0.0 45.0 134.8#

157 0.0 58.1 174.2#



#95

Naphthalene

Concen: 68.007 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000625.D

Acq: 01 Apr 2018 05:45

Tgt Ion:128 Resp: 871807

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.1 8.9 13.3

