

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060618\
 Data File : VX002354.D
 Acq On : 06 Jun 2018 15:56
 Operator : JC/MD
 Sample : J3311-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:23:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173674	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151080	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
35) Dibromofluoromethane	5.51	113	112370	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
50) Toluene-d8	8.72	98	453986	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	165720	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.36	50	2011	Below Cal	#	66
5) Bromomethane	1.64	94	898	Below Cal	#	92
8) Diethyl Ether	2.11	74	28	Below Cal	#	1
10) Methyl Iodide	2.53	142	1541	0.47	ug/l	92
11) Tert butyl alcohol	3.07	59	1754	Below Cal	#	73
13) Acrolein	2.31	56	149	Below Cal	#	14
14) Allyl chloride	2.84	41	2032	0.41	ug/l	55
15) Acrylonitrile	3.17	53	1022	Below Cal	#	53
16) Acetone	2.45	43	3103	Below Cal	#	88
18) Methyl Acetate	2.76	43	1082	Below Cal	#	80
19) Methyl tert-butyl Ether	3.20	73	1326	Below Cal	#	1
20) Methylene Chloride	2.86	84	459	Below Cal	#	75
22) Diisopropyl ether	3.87	45	60	Below Cal	#	39
25) 2-Butanone	4.70	43	1267	0.60	ug/l	89
28) Bromochloromethane	5.03	49	46	Below Cal	#	13
31) Cyclohexane	5.58	56	110813	28.31	ug/l	99
36) 1,1-Dichloropropene	5.67	75	15662	4.80	ug/l	50
38) Carbon Tetrachloride	5.66	117	20310	5.95	ug/l	16
39) Methylcyclohexane	7.46	83	61290	15.38	ug/l	96
40) Benzene	6.15	78	15319	1.53	ug/l	93
43) Isopropyl Acetate	6.46	43	2388	0.36	ug/l	64
48) Methyl methacrylate	7.73	41	4113	1.23	ug/l	63
51) 4-Methyl-2-Pentanone	8.67	43	2720	0.65	ug/l	50
52) Toluene	8.79	92	4596	0.72	ug/l	87
55) 1,1,2-Trichloroethane	9.17	97	15643	5.97	ug/l	18
56) Ethyl methacrylate	9.16	69	3651	0.87	ug/l	1
59) 2-Hexanone	9.63	43	2923	0.91	ug/l	97
67) Ethyl Benzene	10.26	91	9738	0.80	ug/l	97
68) m/p-Xylenes	10.37	106	10153	2.13	ug/l	99
69) o-Xylene	10.70	106	3465	0.73	ug/l	92
73) Isopropylbenzene	11.02	105	395738	32.76	ug/l	100
74) N-amyl acetate	6.46	43	2388	0.37	ug/l	61
75) 1,1,2,2-Tetrachloroethane	11.28	83	3375	0.89	ug/l	67
76) 1,2,3-Trichloropropane	11.37	75	3378	0.89	ug/l	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002354.D
 Acq On : 06 Jun 2018 15:56
 Operator : JC/MD
 Sample : J3311-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:23:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

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

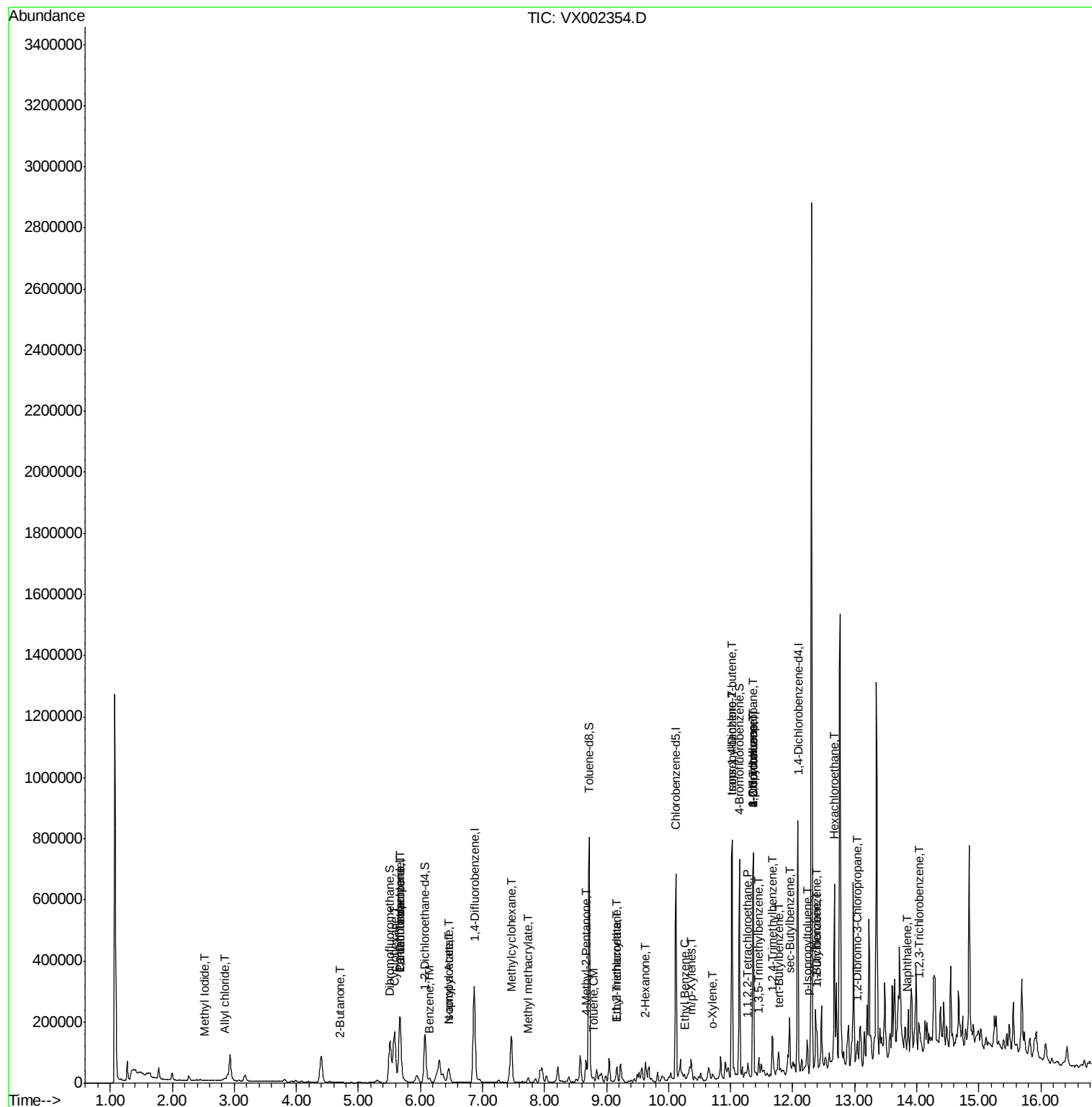
78) n-propylbenzene	11.37	91	440496	32.80	ug/l	99
79) 2-Chlorotoluene	11.37	91	440496	51.95	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.46	105	13845	1.34	ug/l	68
81) trans-1,4-Dichloro-2-buten	11.02	75	5185	4.77	ug/l #	73
82) 4-Chlorotoluene	11.37	91	440496	45.01	ug/l #	44
83) tert-Butylbenzene	11.77	119	13669	1.35	ug/l	91
84) 1,2,4-Trimethylbenzene	11.67	105	54078	5.07	ug/l	79
85) sec-Butylbenzene	11.95	105	75311	6.37	ug/l	81
86) p-Isopropyltoluene	12.24	119	46482	4.31	ug/l	96
89) n-Butylbenzene	12.39	91	45209	5.00	ug/l #	72
90) Hexachloroethane	12.67	117	29992	17.44	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	4021	0.64	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	13.03	75	355	0.43	ug/l #	17
95) Naphthalene	13.84	128	3473	0.27	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.03	180	946	0.21	ug/l #	1

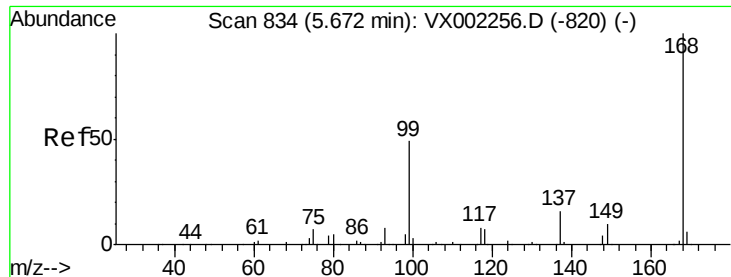
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002354.D
Acq On : 06 Jun 2018 15:56
Operator : JC/MD
Sample : J3311-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 07 03:23:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

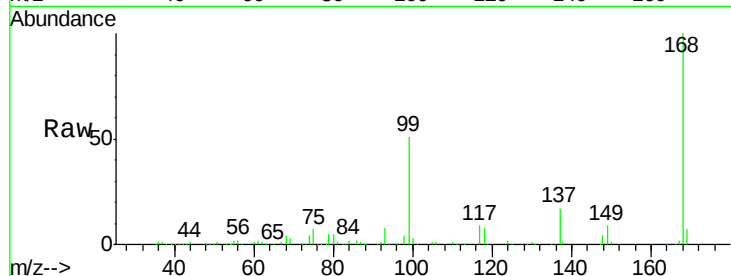
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 216780

Ion Ratio Lower Upper

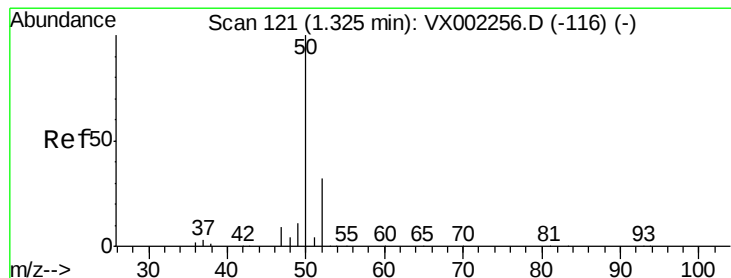
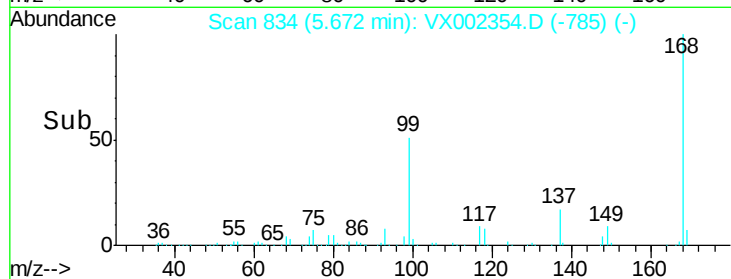
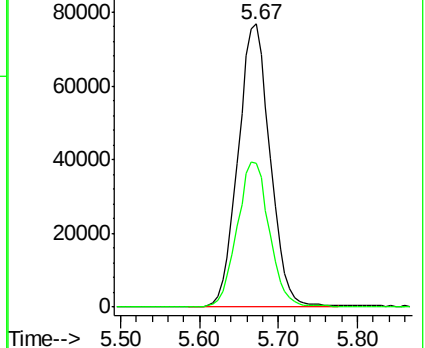
168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.36 min Scan# 126

Delta R.T. 0.03 min

Lab File: VX002354.D

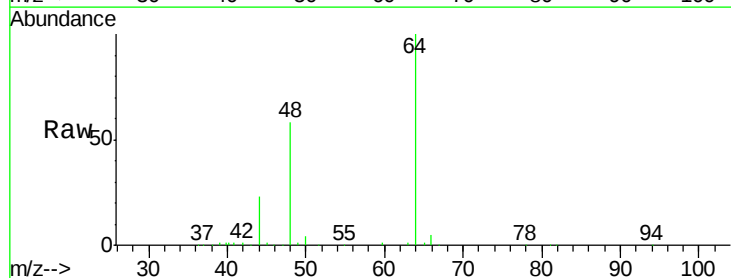
Acq: 06 Jun 2018 15:56

Tgt Ion: 50 Resp: 2011

Ion Ratio Lower Upper

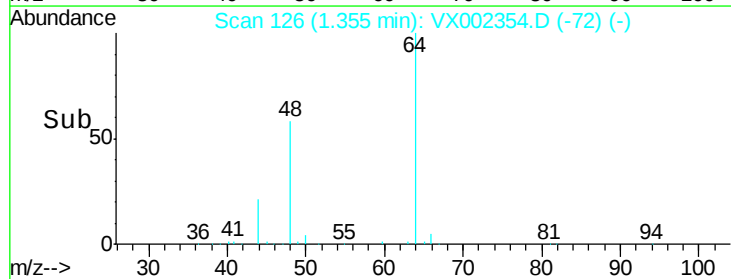
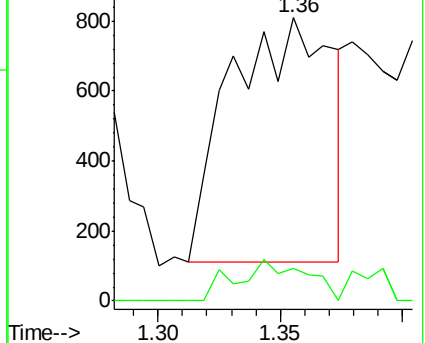
50 100

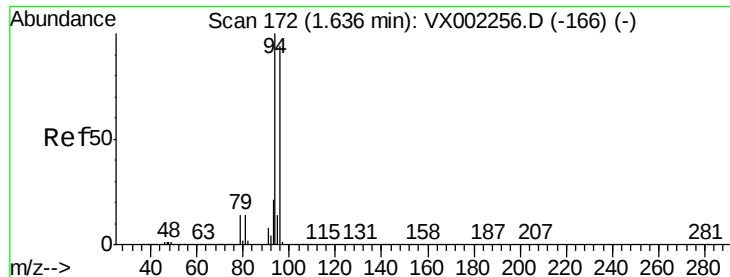
52 13.2 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

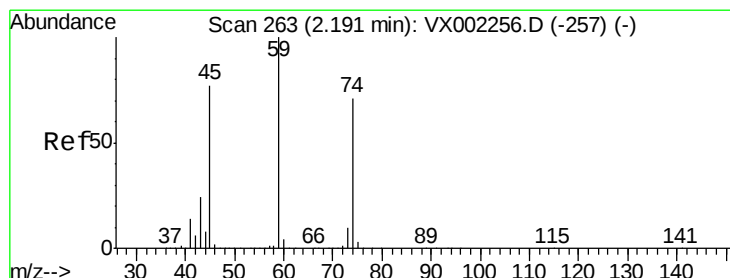
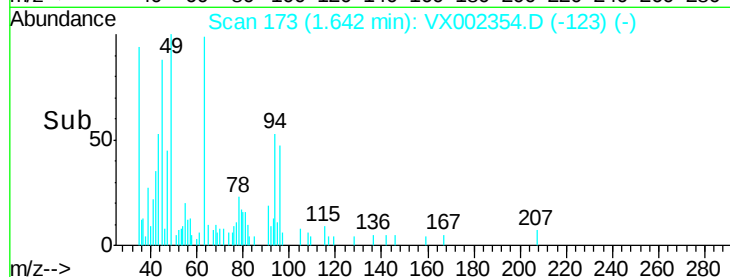
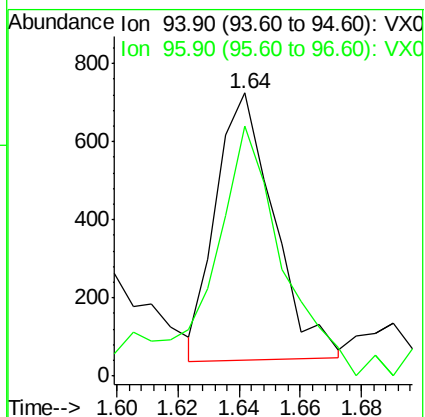
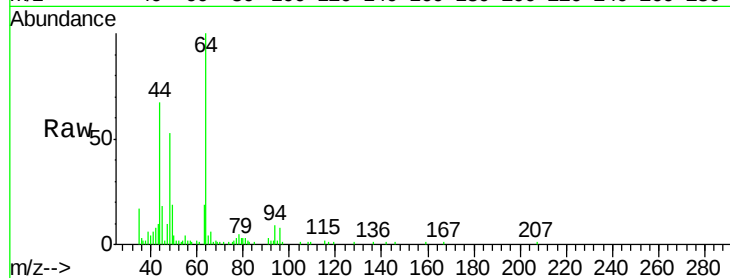
ClientSampleId :

Tot Ion: 94 Resp: 898

Ion Ratio Lower Upper

94 100

96 86.3 74.9 112.3



#8

Diethyl Ether

Concen: Below Cal

RT: 2.11 min Scan# 249

Delta R.T. -0.08 min

Lab File: VX002354.D

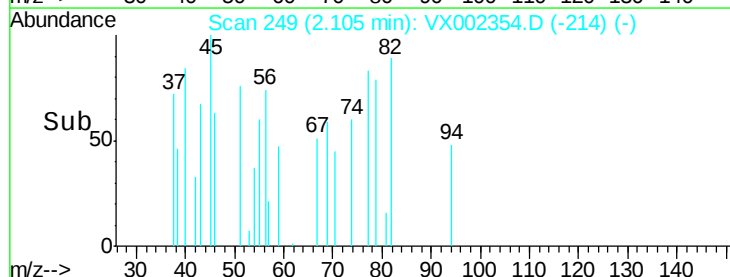
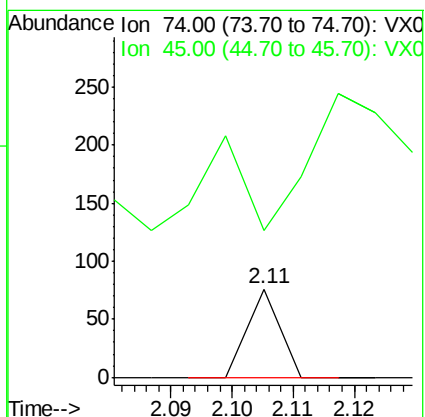
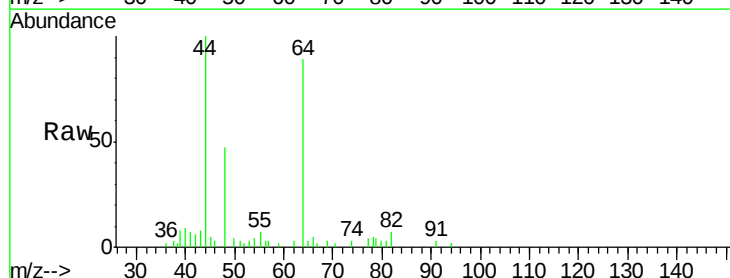
Acq: 06 Jun 2018 15:56

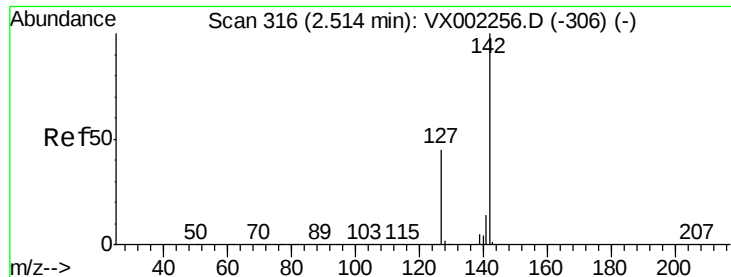
Tgt Ion: 74 Resp: 28

Ion Ratio Lower Upper

74 100

45 778.6 53.1 159.4#

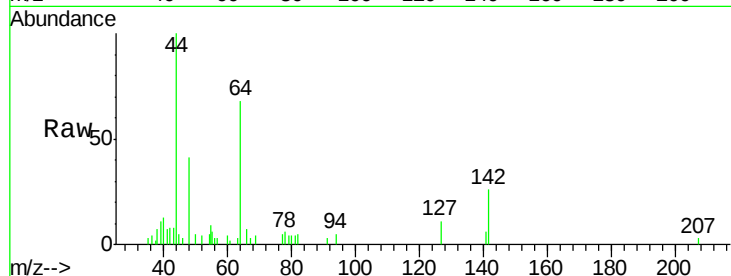




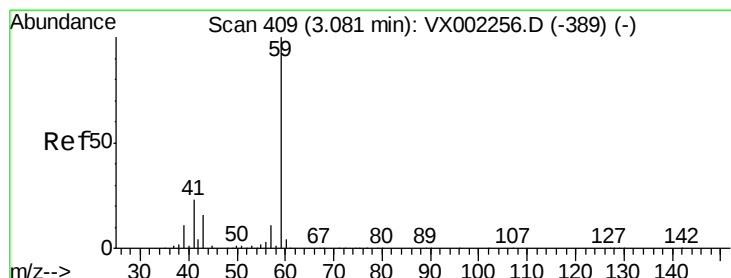
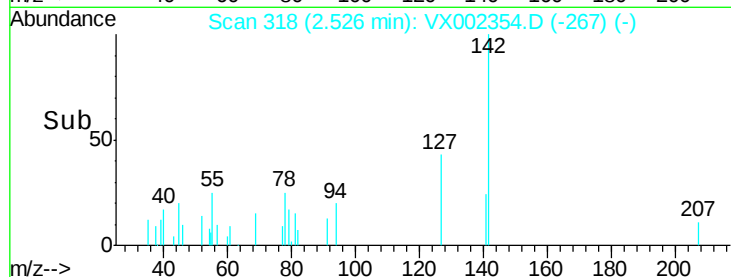
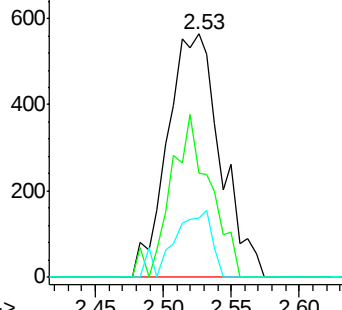
#10
Methyl Iodide
Concen: 0.47 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 1541
Ion Ratio Lower Upper
142 100
127 49.6 36.6 55.0
141 19.7 11.3 16.9#

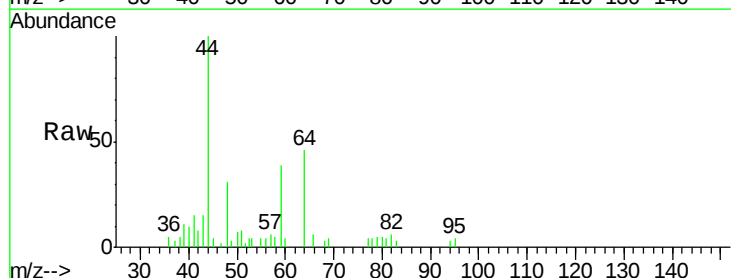


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

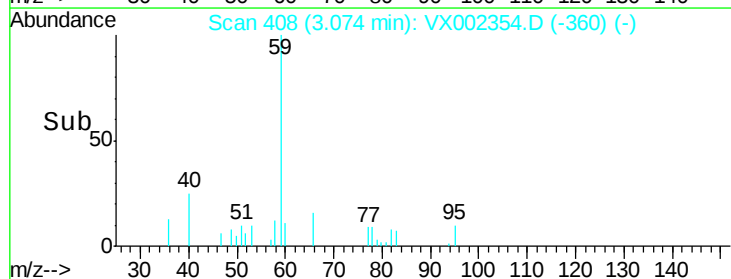
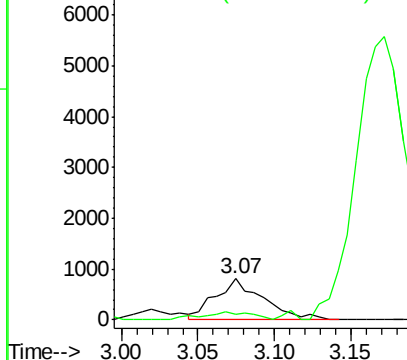


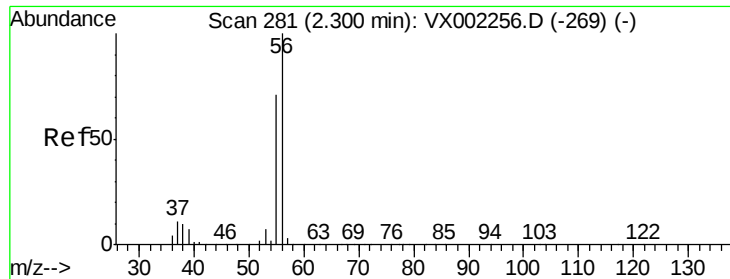
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 59 Resp: 1754
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

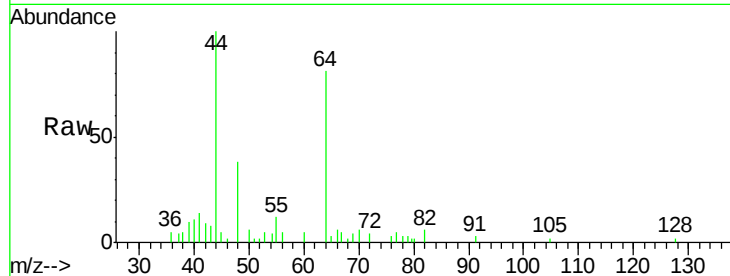
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 149

Ion Ratio Lower Upper

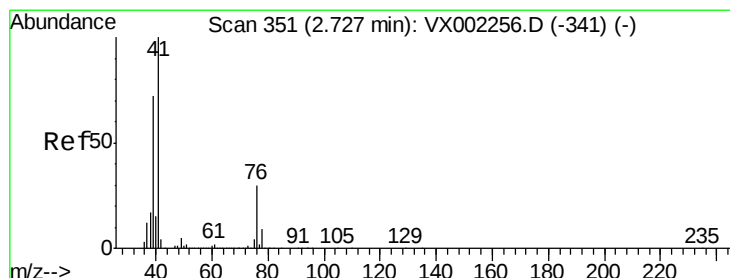
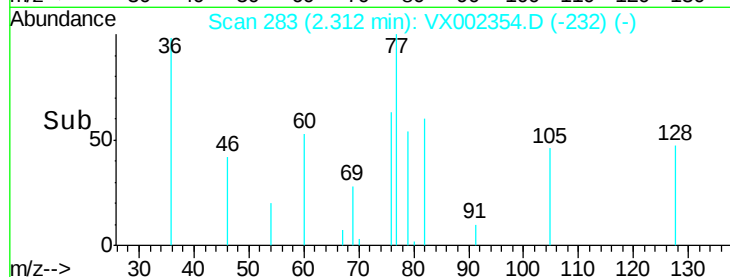
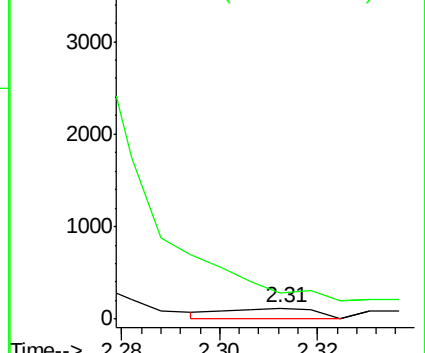
56 100

55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.41 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

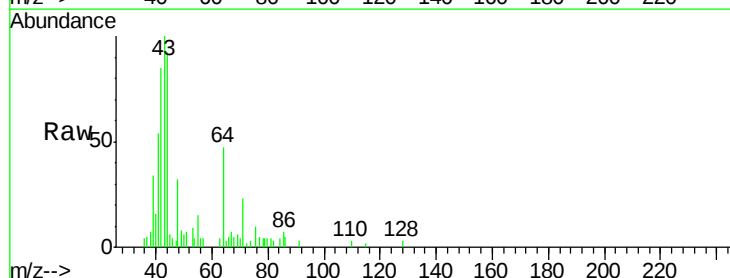
Tgt Ion: 41 Resp: 2032

Ion Ratio Lower Upper

41 100

39 37.8 56.8 85.2#

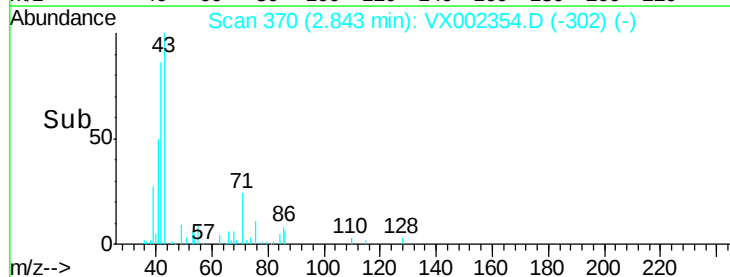
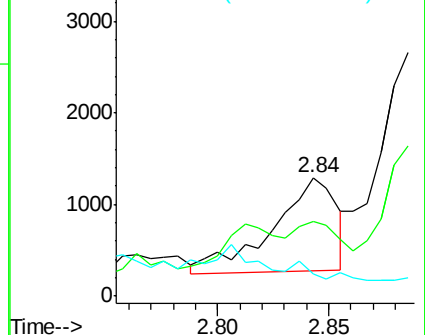
76 0.0 23.8 35.8#

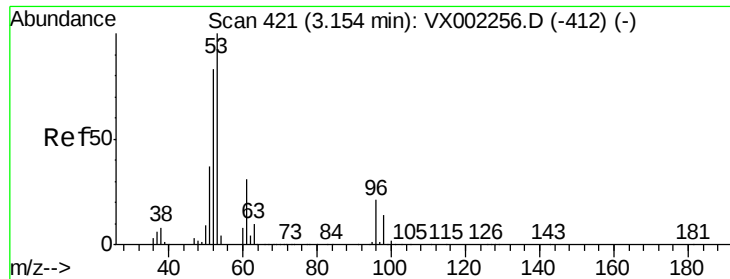


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002354.D

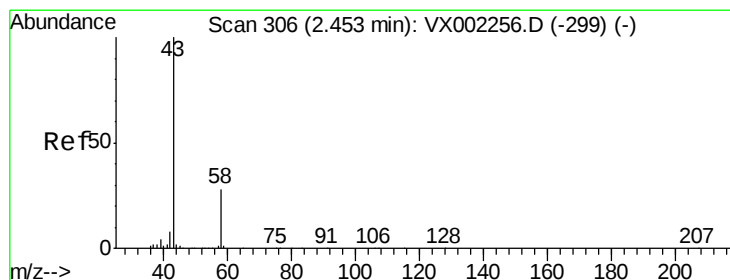
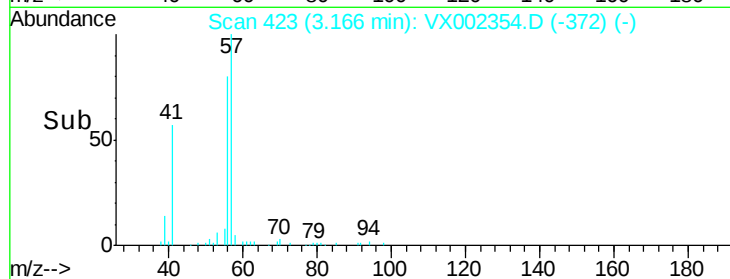
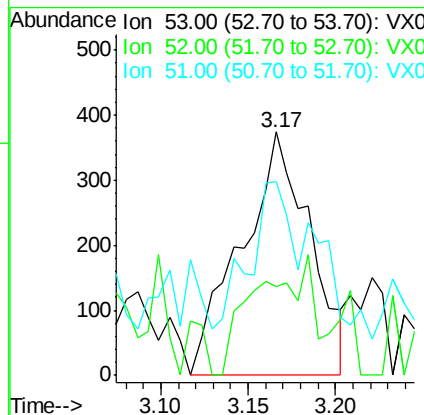
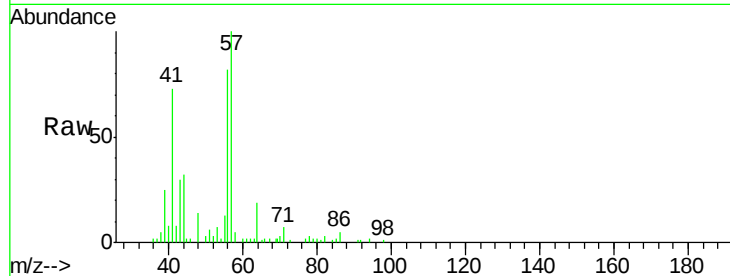
Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampled :

Tot Ion	53	Resp	1022
Ion	Ratio	Lower	Upper
53	100		
52	22.3	66.7	100.1#
51	36.1	29.9	44.9



#16

Acetone

Concen: Below Cal

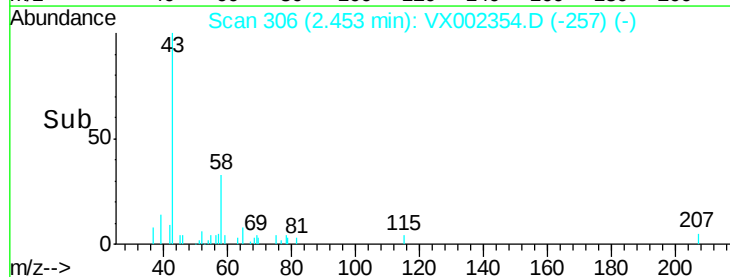
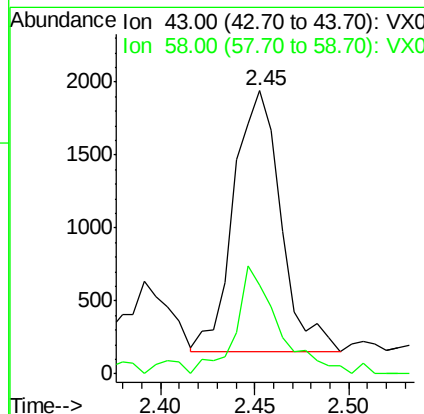
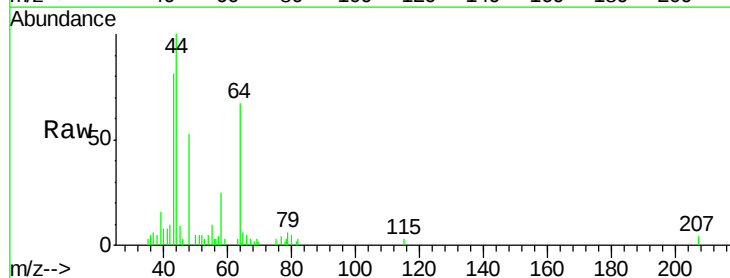
RT: 2.45 min Scan# 306

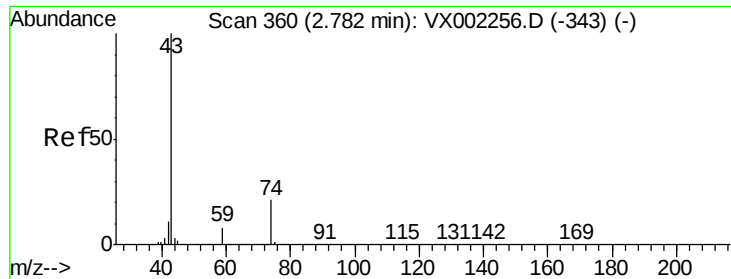
Delta R.T. 0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Tgt Ion	43	Resp	3103
Ion	Ratio	Lower	Upper
43	100		
58	34.0	22.1	33.1#

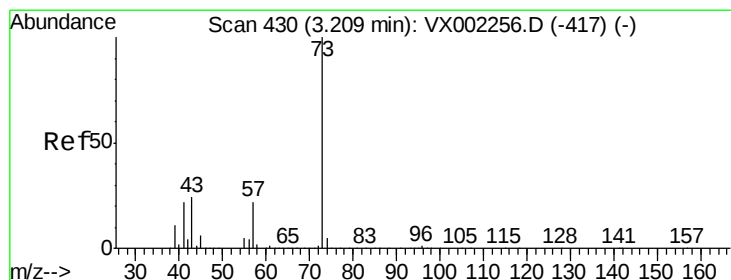
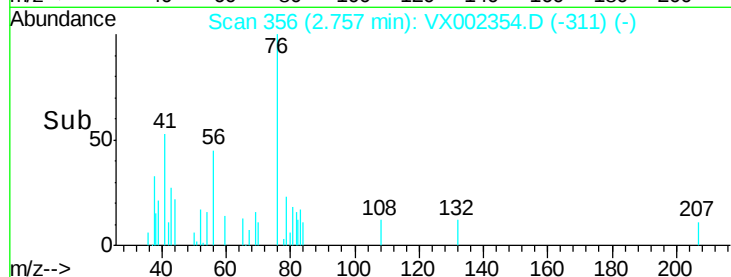
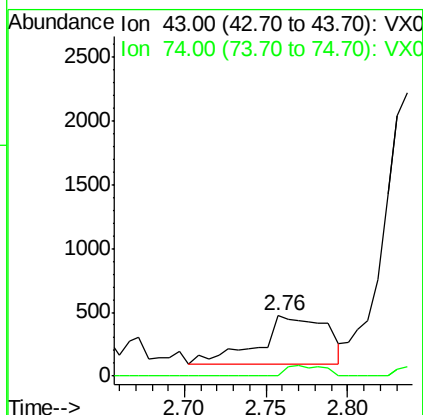
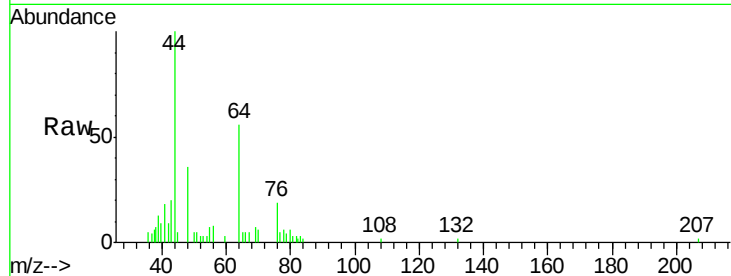




#18
Methyl Acetate
Concen: Below Cal
RT: 2.76 min Scan# 356
Delta R.T. -0.02 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

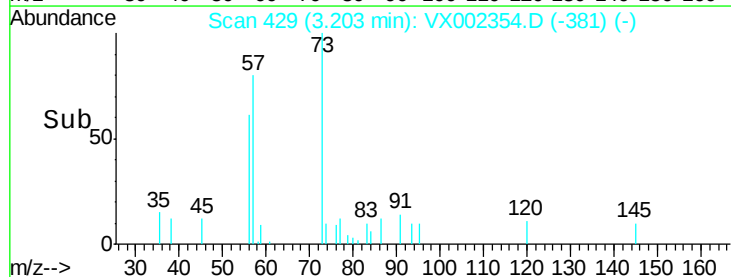
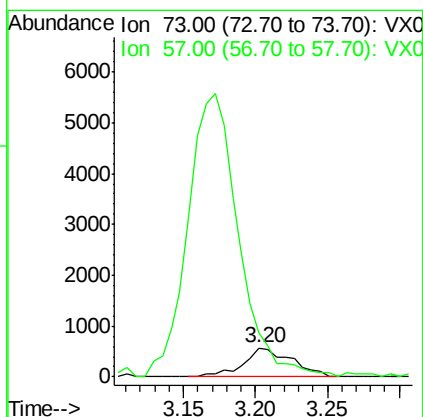
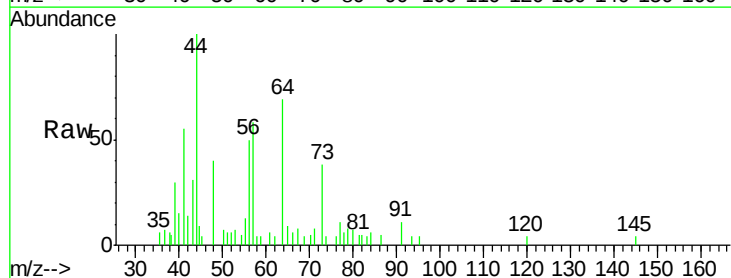
Instrument :
MSVOA_X
ClientSampled :

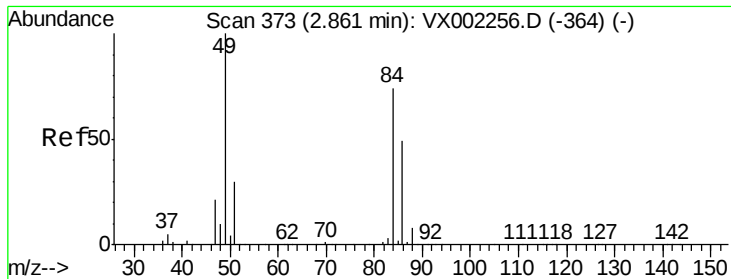
Tot Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
74 11.6 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 73 Resp: 1326
Ion Ratio Lower Upper
73 100
57 134.7 17.7 26.5#





#20

Methvlene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 459

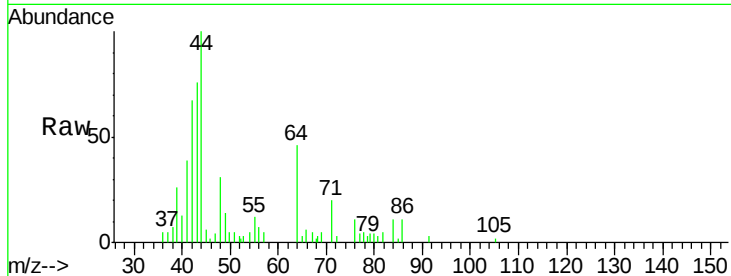
Ion Ratio Lower Upper

84 100

49 102.7 107.8 161.6#

51 3.5 32.8 49.2#

86 65.2 52.5 78.7



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

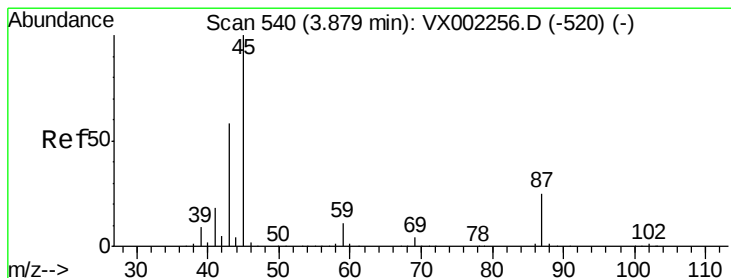
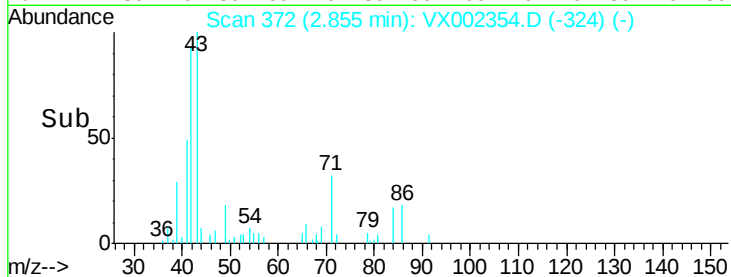
600

400

200

0

Time--> 2.80 2.85 2.90



#22

Diisopropyl ether

Concen: Below Cal

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Tgt Ion: 45 Resp: 60

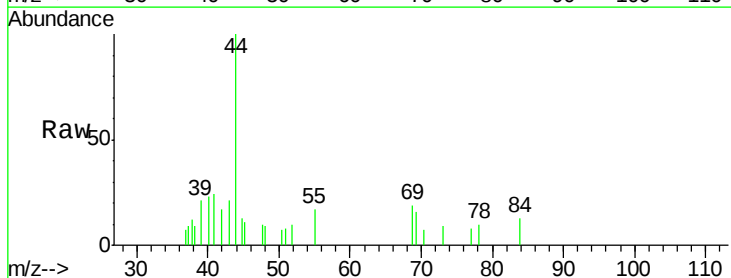
Ion Ratio Lower Upper

45 100

43 5.5 46.8 70.2#

87 0.0 20.2 30.4#

59 0.0 8.7 13.1#



Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

250

200

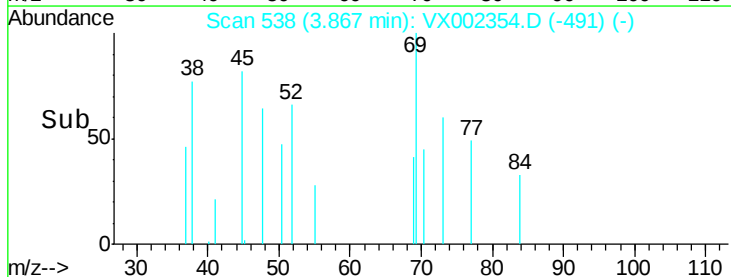
150

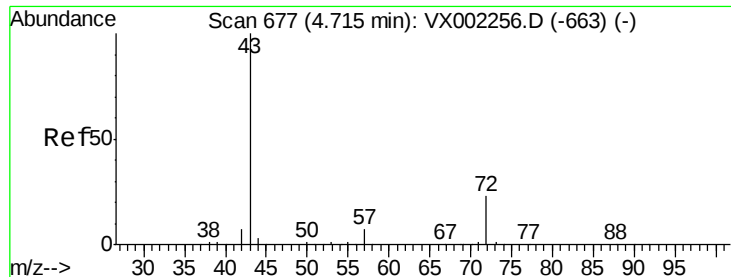
100

50

0

Time--> 3.85 3.86 3.87 3.88





#25

2-Butanone

Concen: 0.60 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

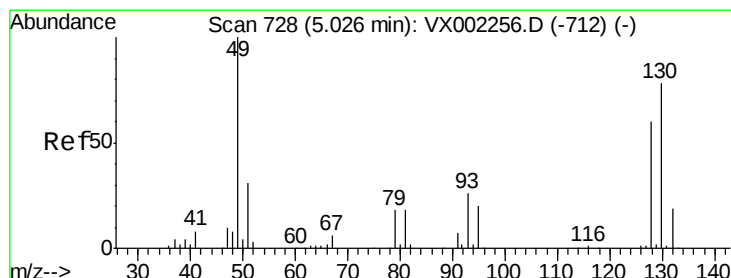
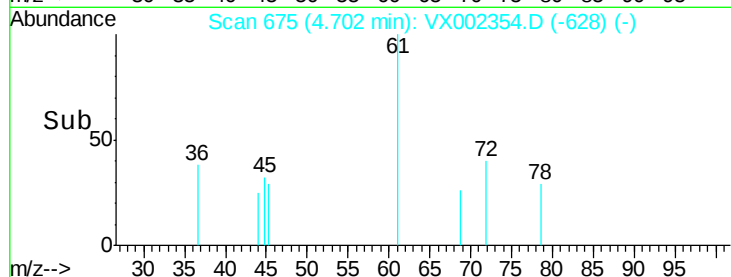
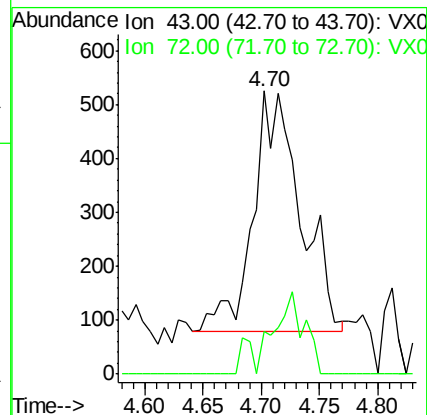
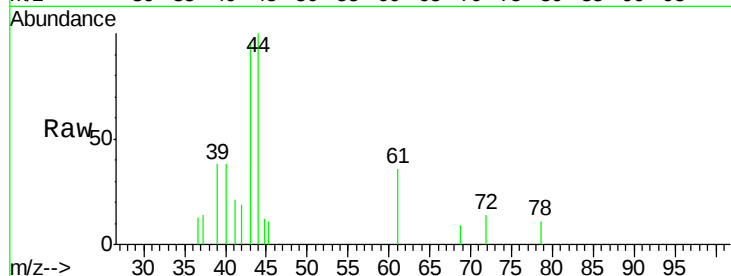
ClientSampled :

Tot Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

72 17.7 18.5 27.7#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

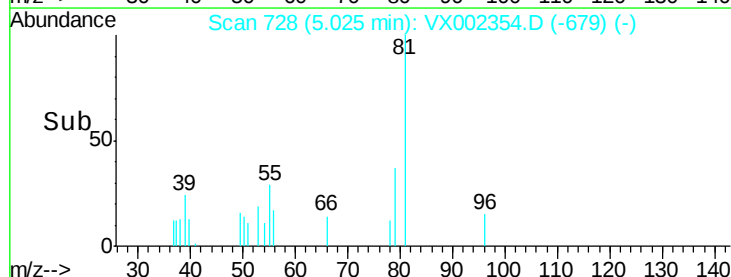
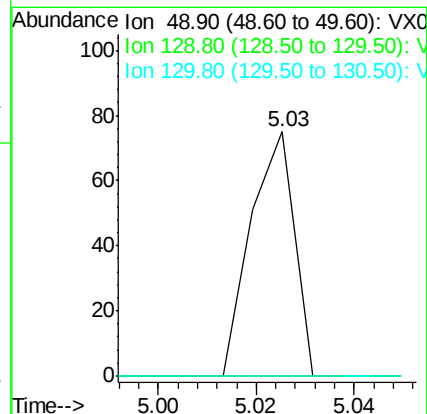
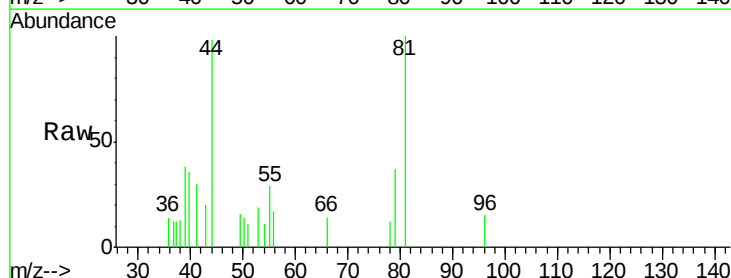
Tgt Ion: 49 Resp: 46

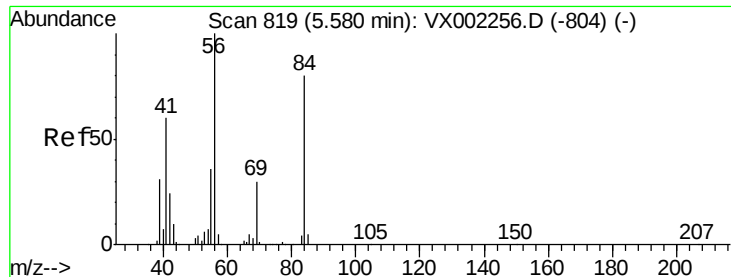
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

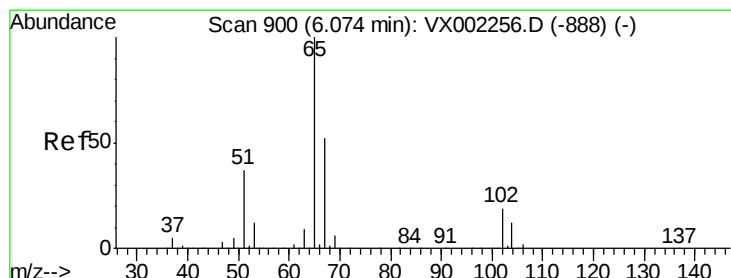
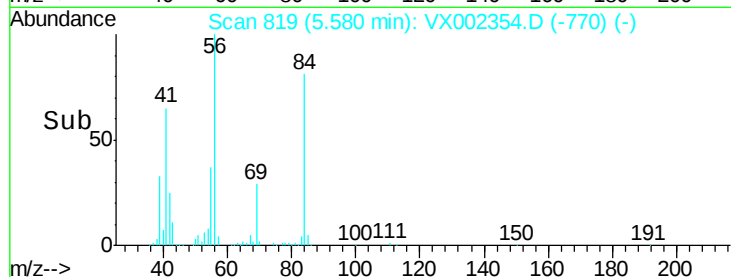
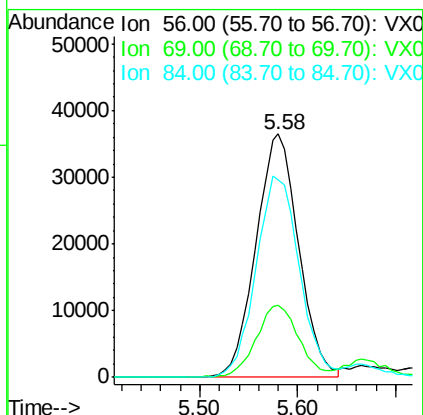
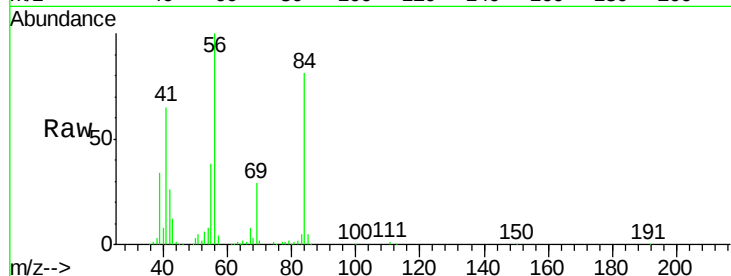




#31
Cyclohexane
Concen: 28.31 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

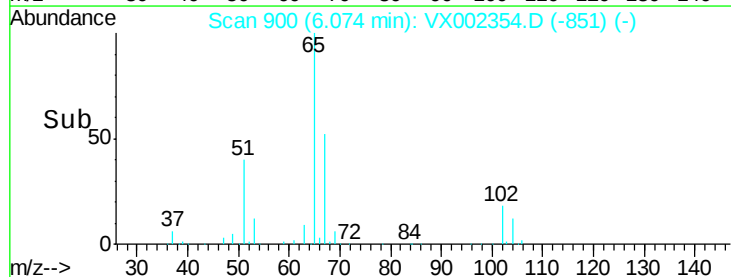
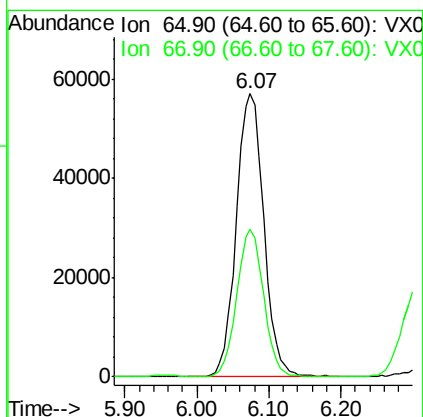
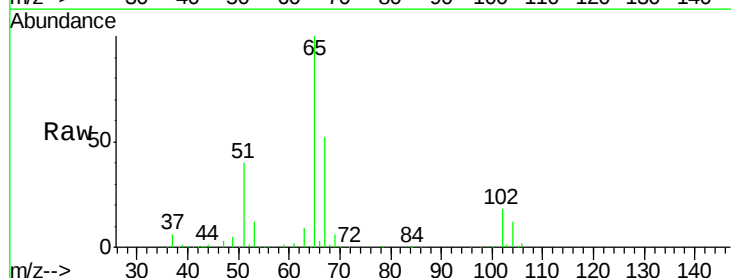
Instrument :
MSVOA_X
ClientSampleId :

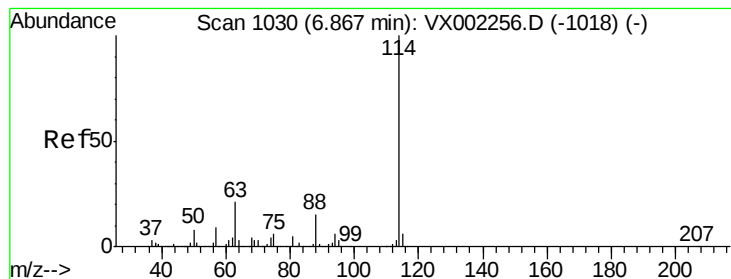
Tot Ion: 56 Resp: 110813
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 81.0 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 65 Resp: 151080
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampleId :

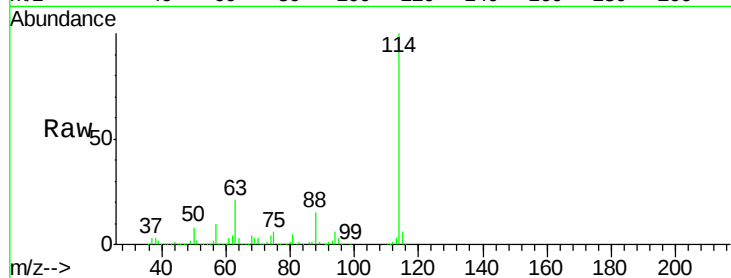
Tot Ion:114 Resp: 310608

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

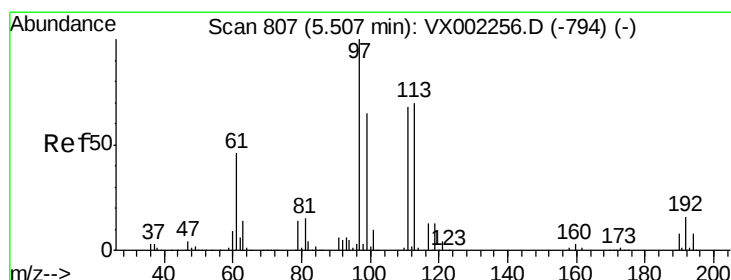
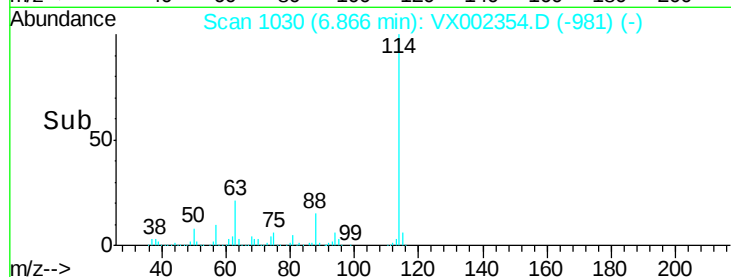
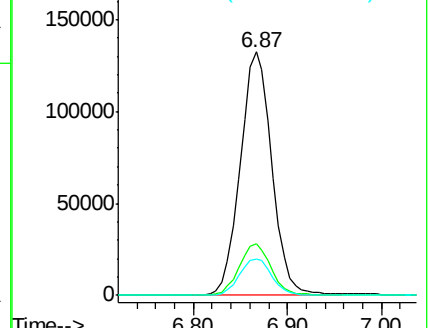
88 14.7 0.0 30.0



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: 46.00 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

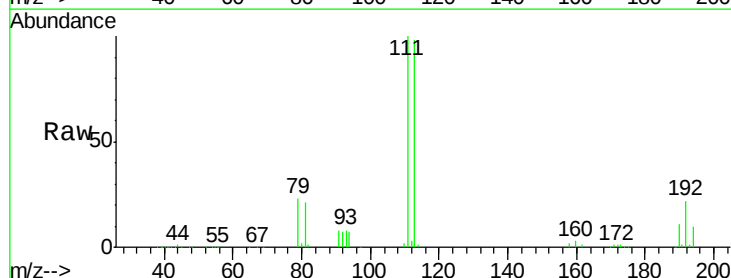
Tgt Ion:113 Resp: 112370

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

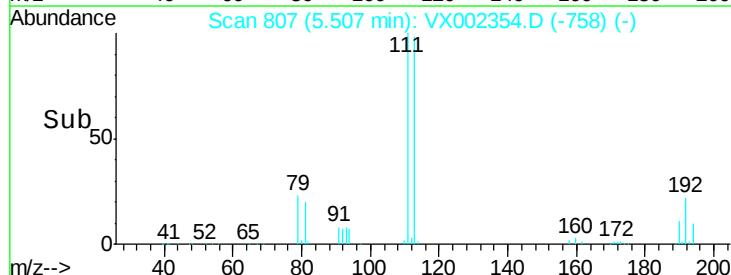
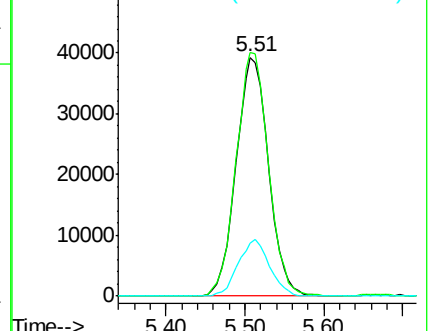
192 22.9 19.1 28.7

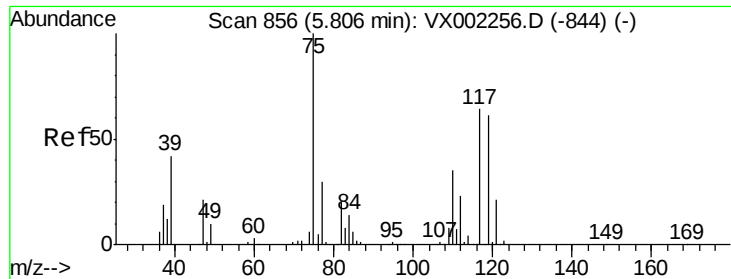


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

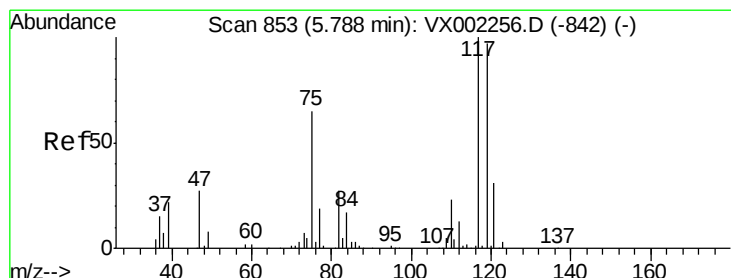
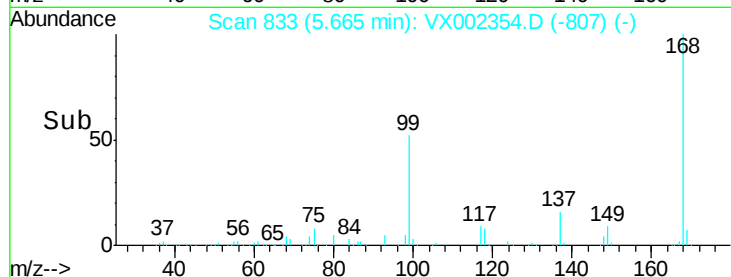
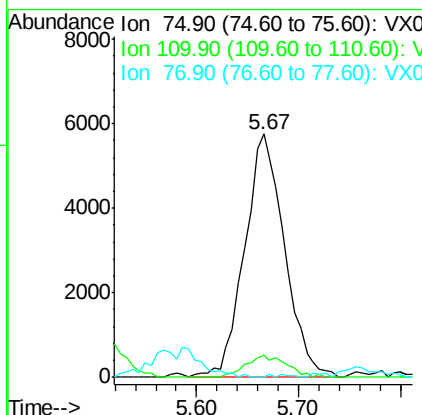
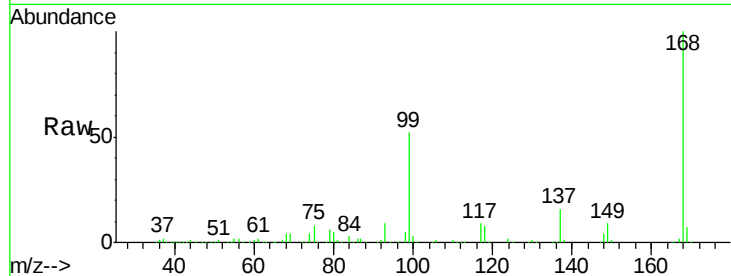




#36
 1,1-Dichloropropene
 Concen: 4.80 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

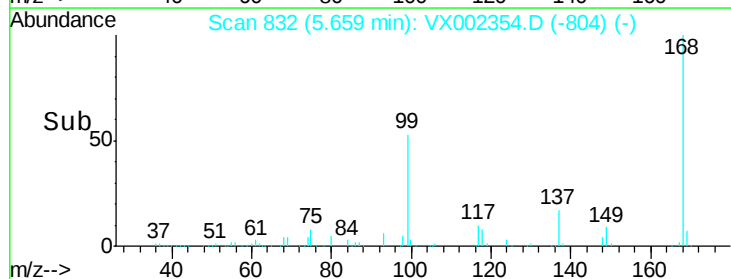
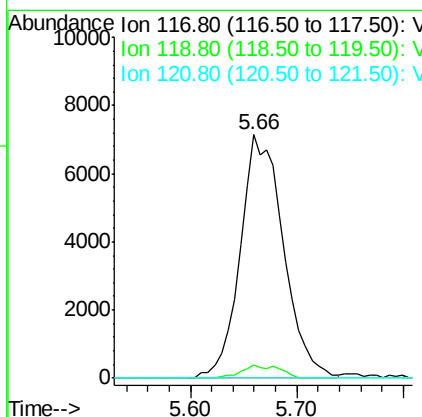
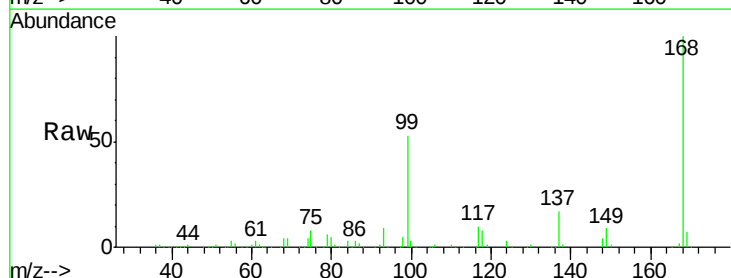
Instrument :
 MSVOA_X
 ClientSampleId :

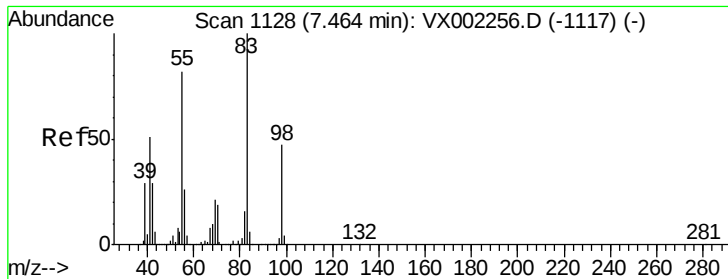
Tot Ion	75	Resp	15662
Ion Ratio	100	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.4	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 5.95 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

Tgt Ion	117	Resp	20310
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.3	77.4	116.0#
121	0.0	24.4	36.6#

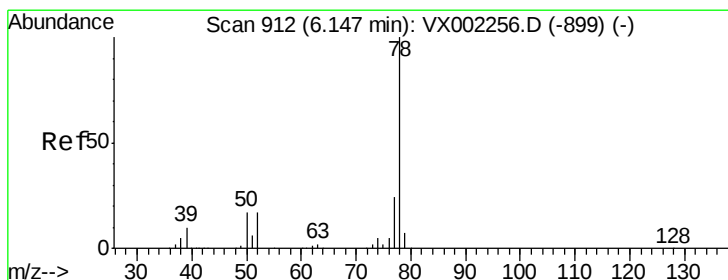
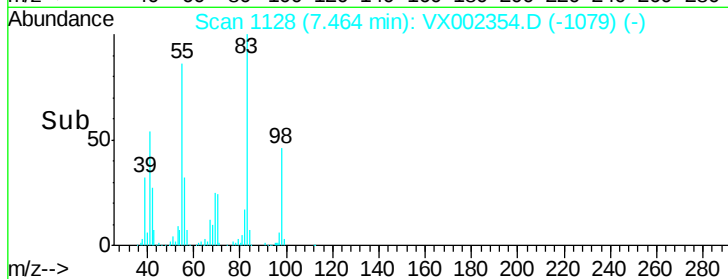
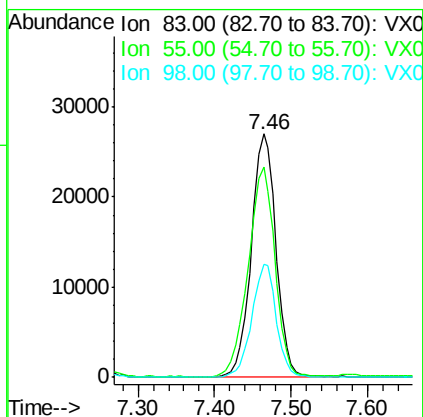
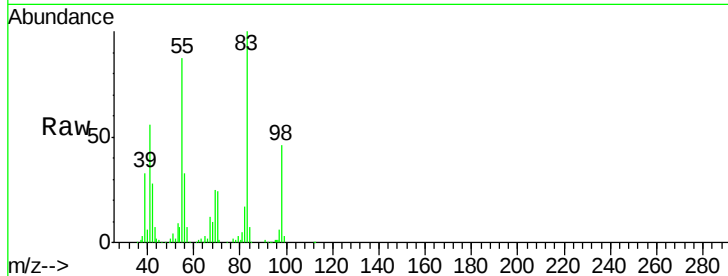




#39
Methvlcvclohexane
Concen: 15.38 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

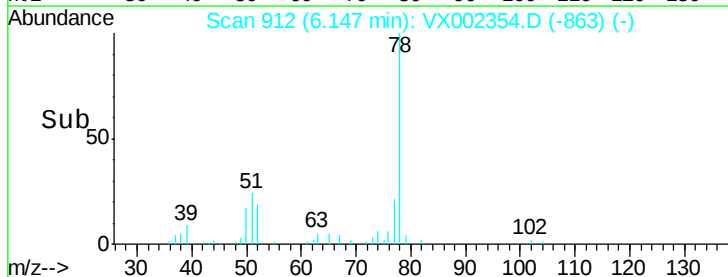
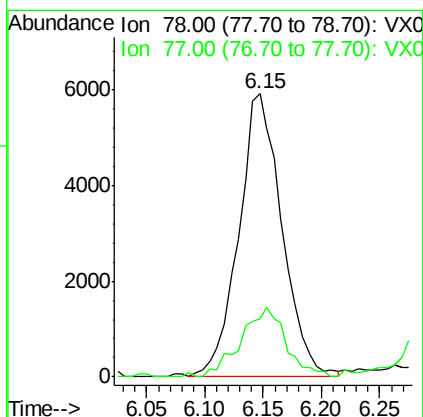
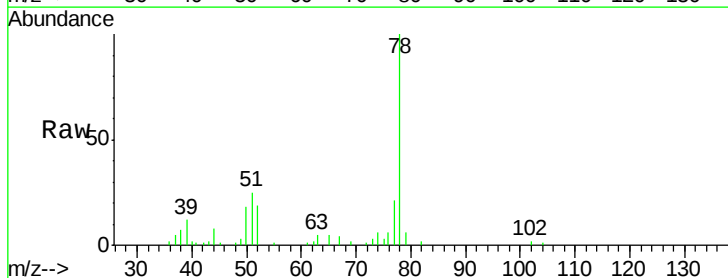
Instrument :
MSVOA_X
ClientSampled :

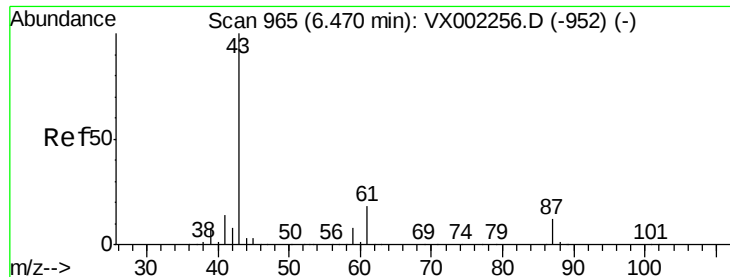
Tot Ion: 83 Resp: 61290
Ion Ratio Lower Upper
83 100
55 86.6 65.4 98.0
98 46.3 37.4 56.0



#40
Benzene
Concen: 1.53 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 78 Resp: 15319
Ion Ratio Lower Upper
78 100
77 20.6 19.1 28.7





#43

Isopropyl Acetate

Concen: 0.36 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampled :

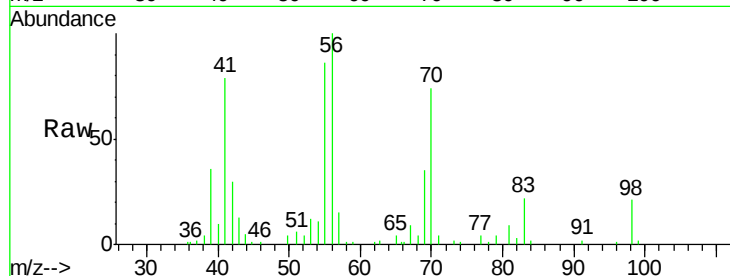
Tot Ion: 43 Resp: 2388

Ion Ratio Lower Upper

43 100

61 0.8 14.4 21.6#

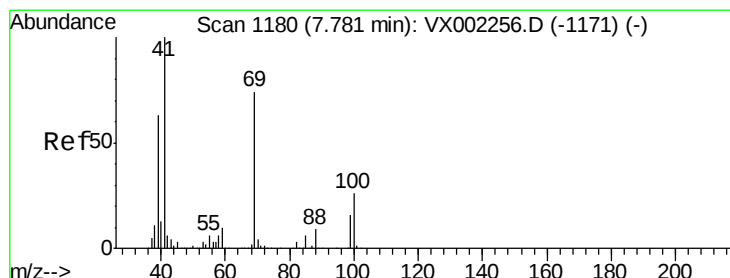
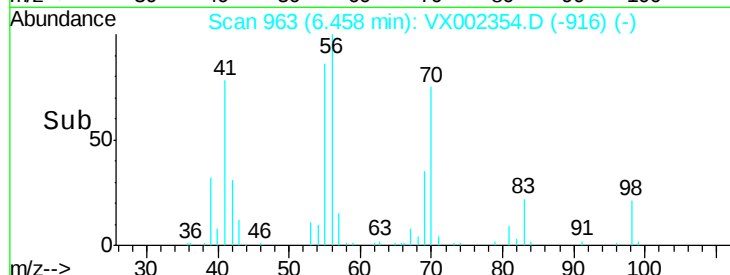
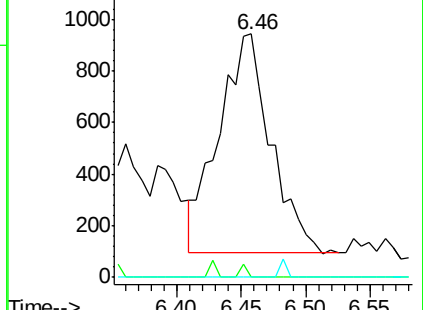
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 1.23 ug/l

RT: 7.73 min Scan# 1171

Delta R.T. -0.06 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

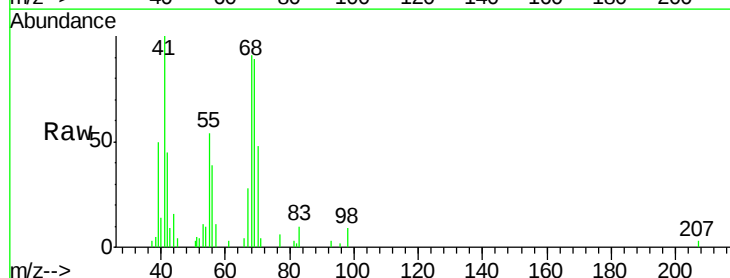
Tgt Ion: 41 Resp: 4113

Ion Ratio Lower Upper

41 100

69 126.9 59.1 88.7#

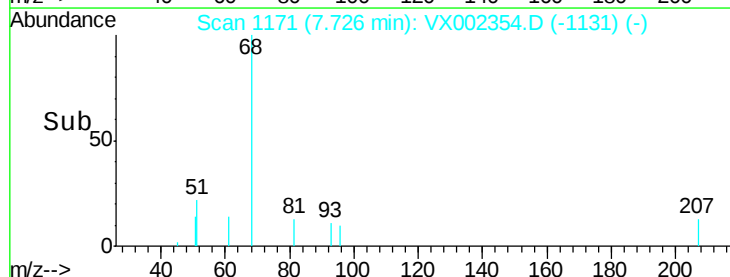
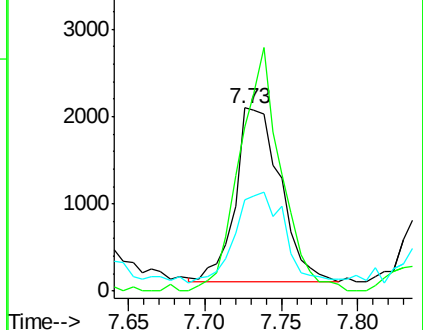
39 57.4 48.9 73.3

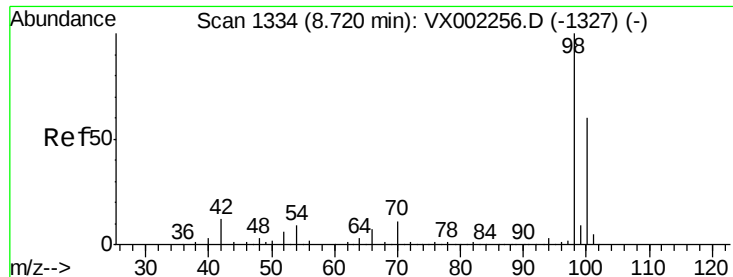


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

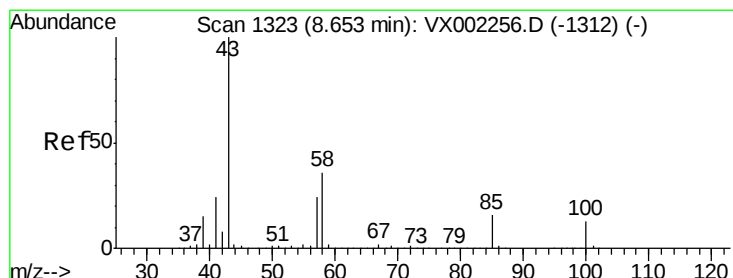
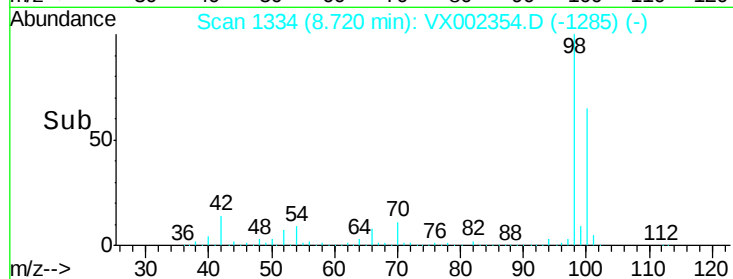
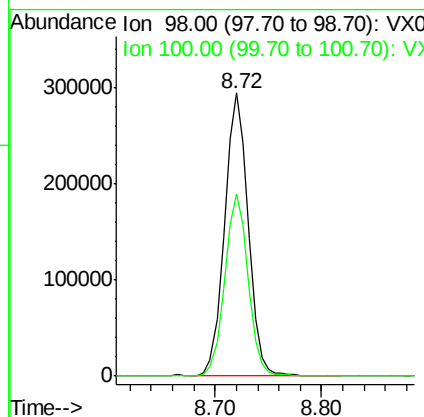
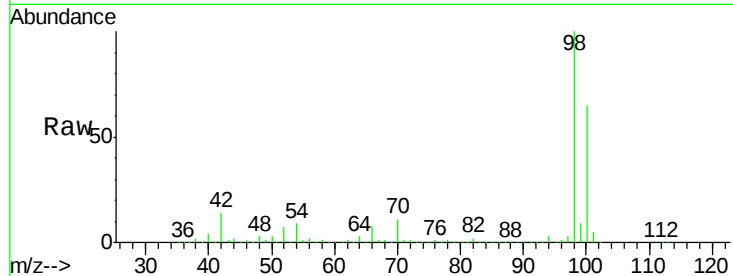




#50
Toluene-d8
Concen: 48.49 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

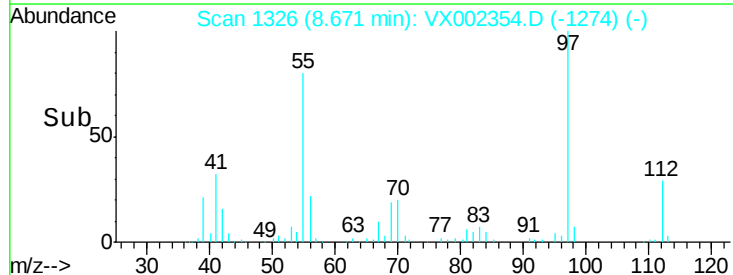
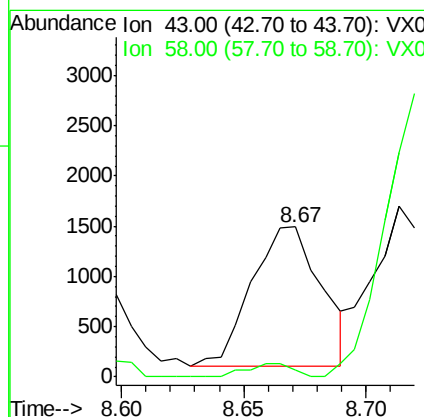
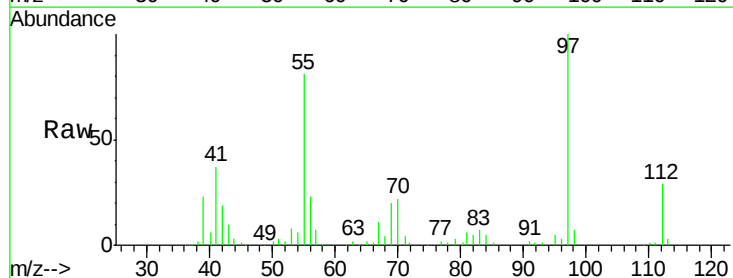
Instrument :
MSVOA_X
ClientSampleId :

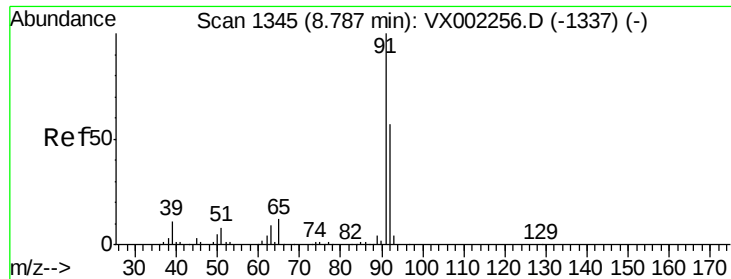
Tot Ion: 98 Resp: 453986
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 6.4 28.6 42.8#





#52

Toluene

Concen: 0.72 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

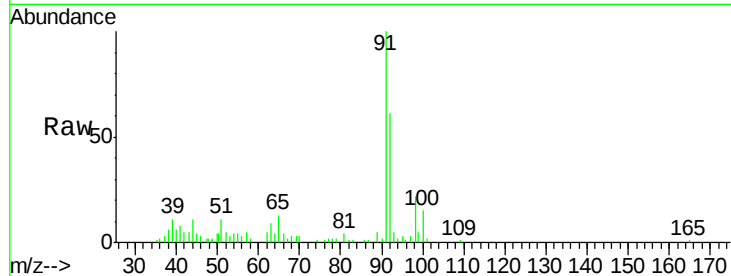
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 4596

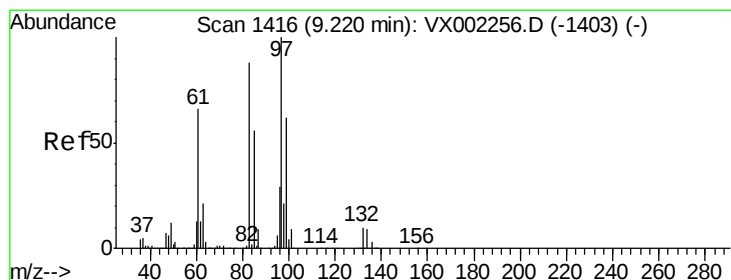
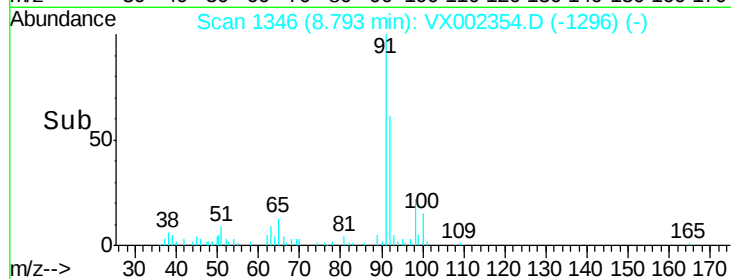
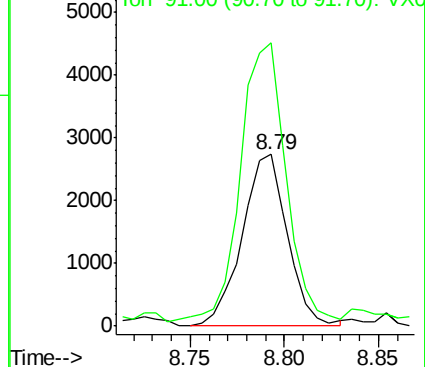
Ion Ratio Lower Upper

92 100

91 158.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 5.97 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Tgt Ion: 97 Resp: 15643

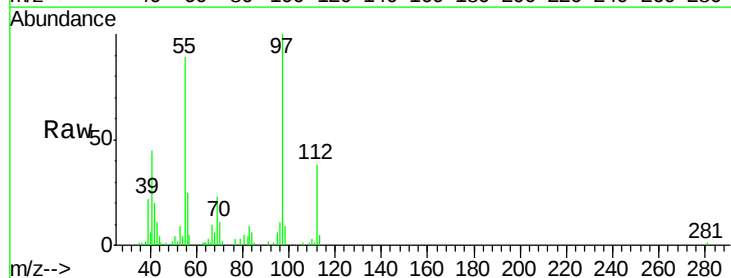
Ion Ratio Lower Upper

97 100

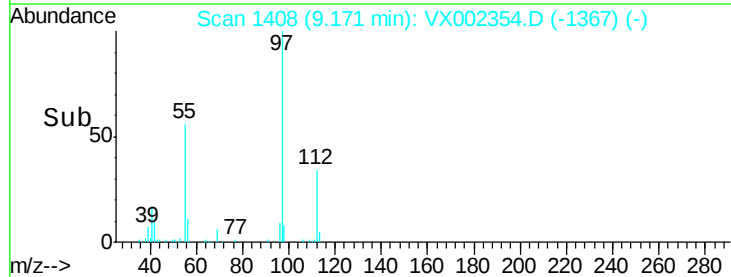
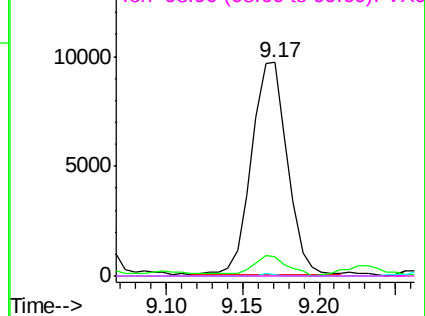
83 7.5 70.2 105.2#

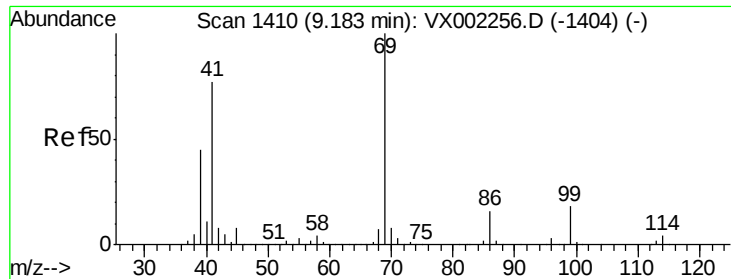
85 0.9 44.9 67.3#

99 0.0 49.8 74.8#



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

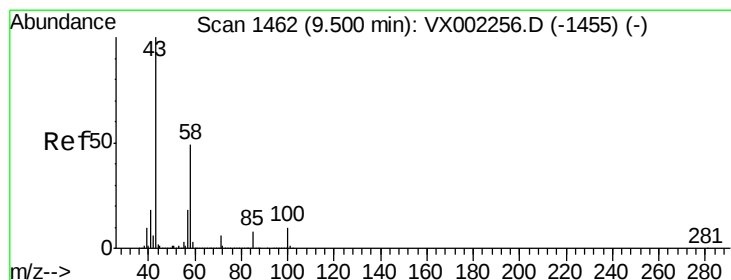
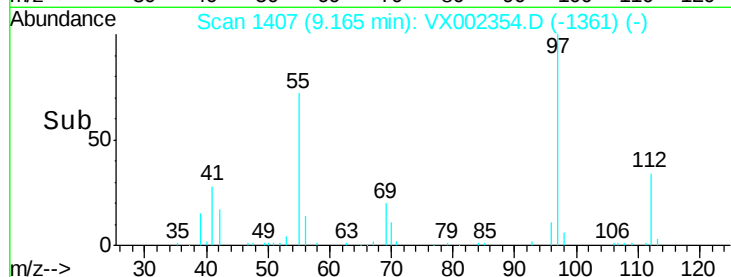
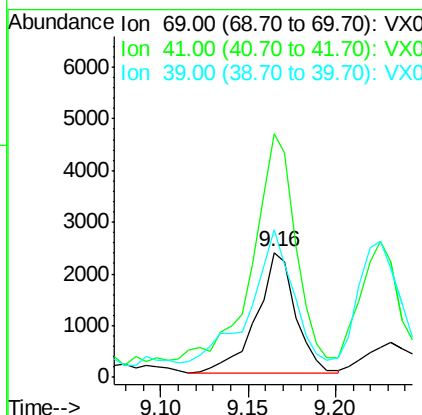
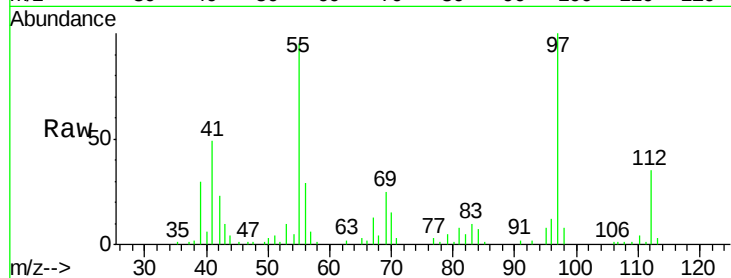




#56
Ethyl methacrylate
Concen: 0.87 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

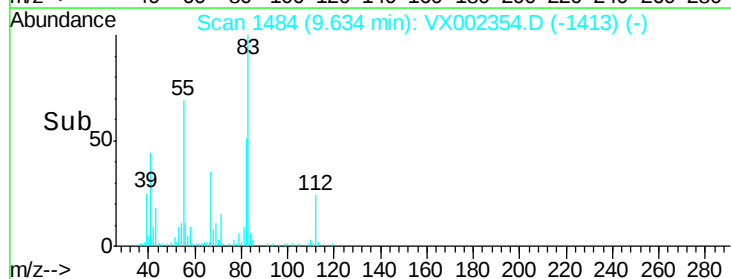
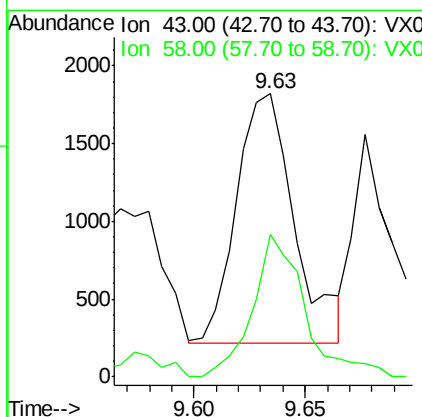
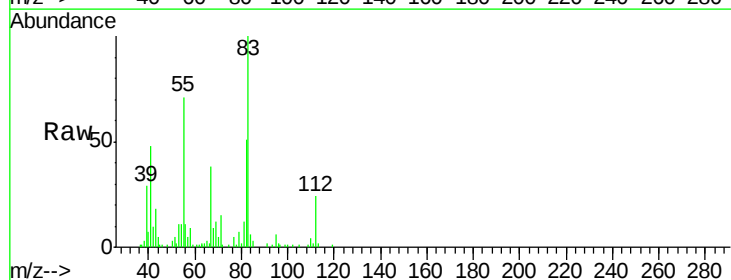
Instrument :
MSVOA_X
ClientSampled :

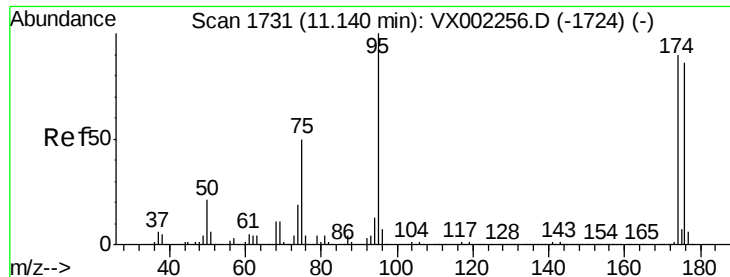
Tot Ion: 69 Resp: 3651
Ion Ratio Lower Upper
69 100
41 218.2 60.3 90.5#
39 129.6 35.8 53.8#



#59
2-Hexanone
Concen: 0.91 ug/l
RT: 9.63 min Scan# 1484
Delta R.T. 0.13 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 43 Resp: 2923
Ion Ratio Lower Upper
43 100
58 50.9 24.6 73.6





#62

4-Bromofluorobenzene

Concen: 45.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampleId :

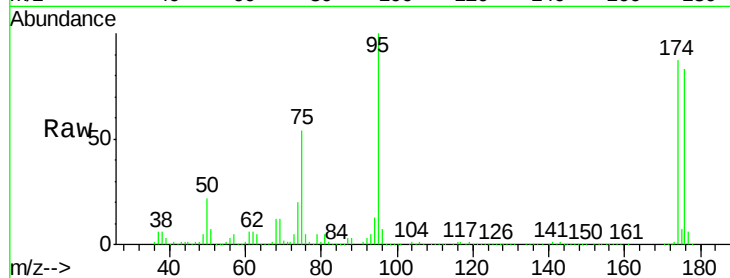
Tot Ion: 95 Resp: 165720

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.4

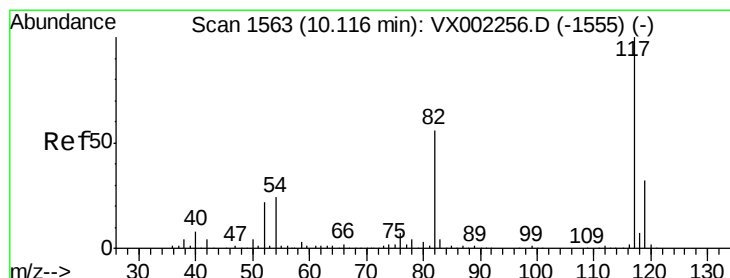
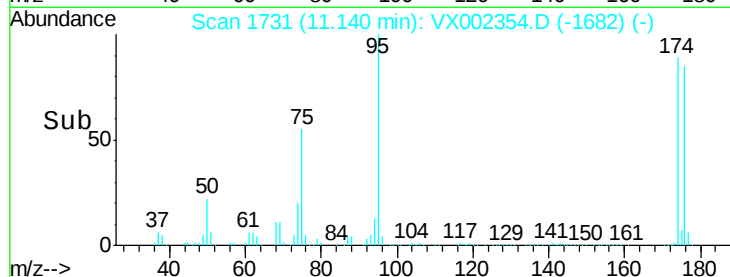
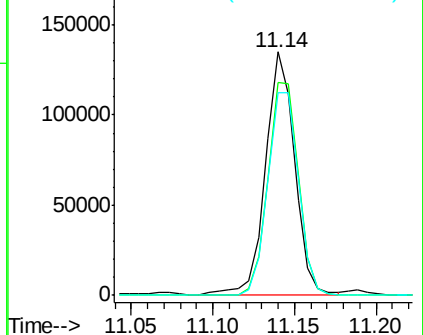
176 89.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

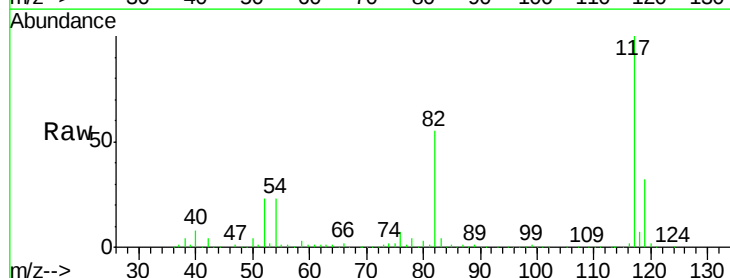
Tgt Ion: 117 Resp: 294031

Ion Ratio Lower Upper

117 100

82 54.8 45.0 67.4

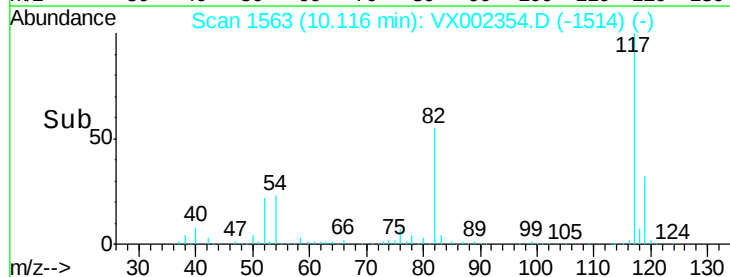
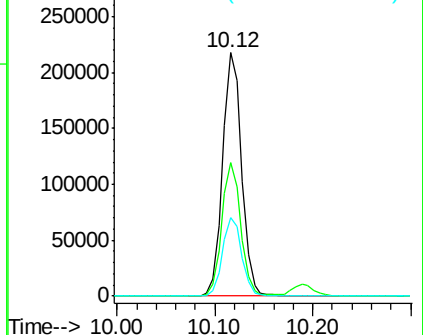
119 32.0 25.8 38.6

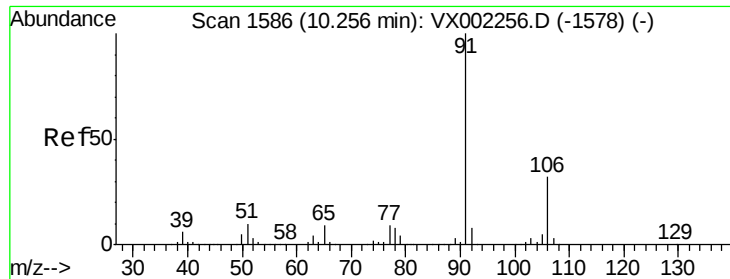


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 0.80 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

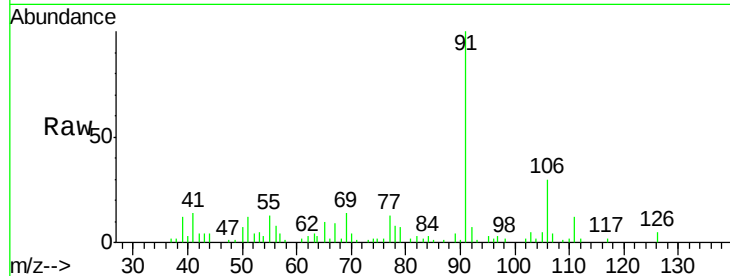
ClientSampled :

Tot Ion: 91 Resp: 9738

Ion Ratio Lower Upper

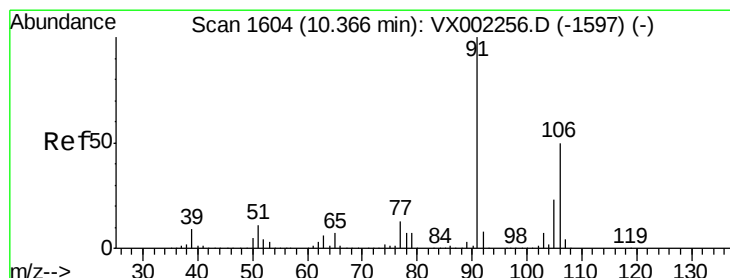
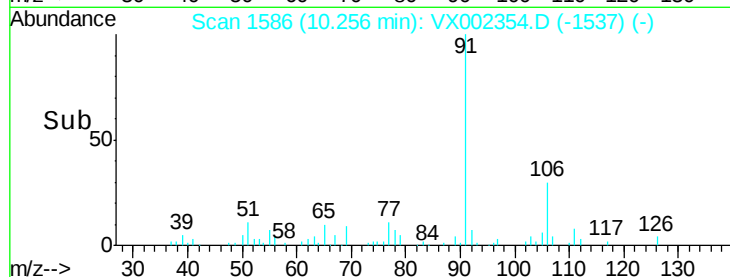
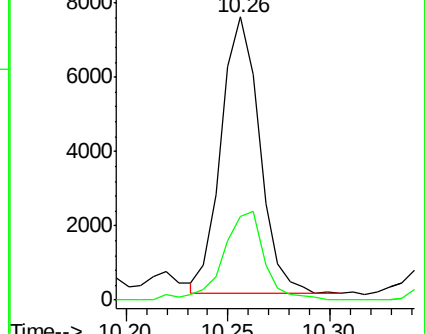
91 100

106 30.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.13 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002354.D

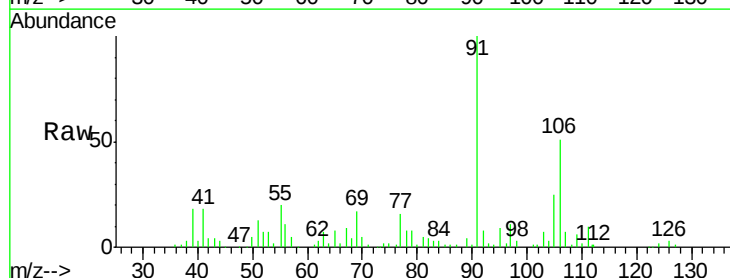
Acq: 06 Jun 2018 15:56

Tgt Ion: 106 Resp: 10153

Ion Ratio Lower Upper

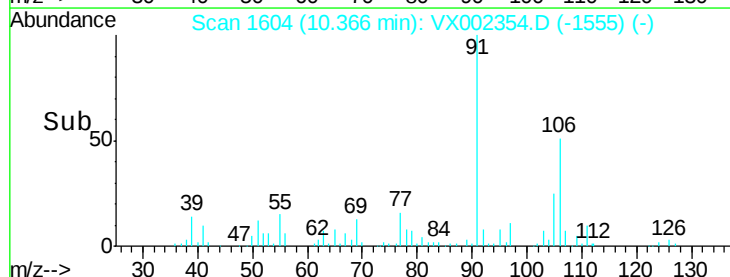
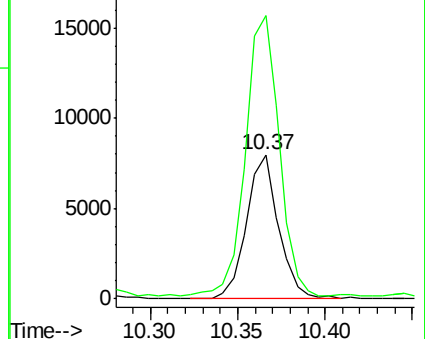
106 100

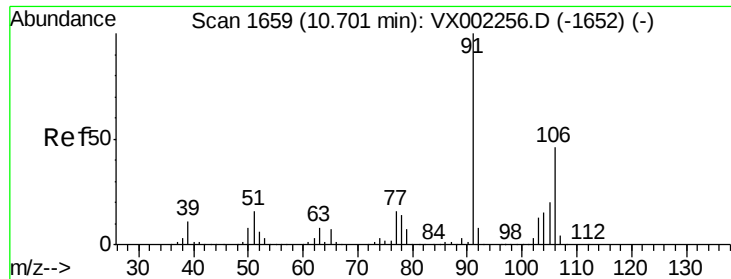
91 203.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

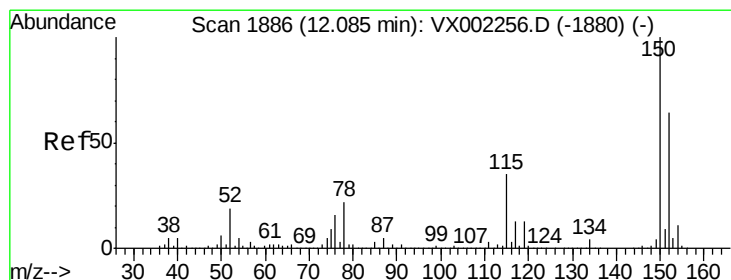
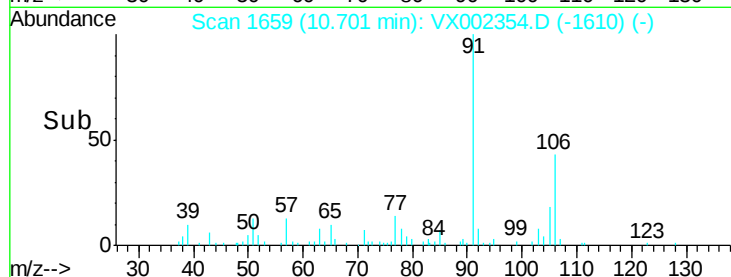
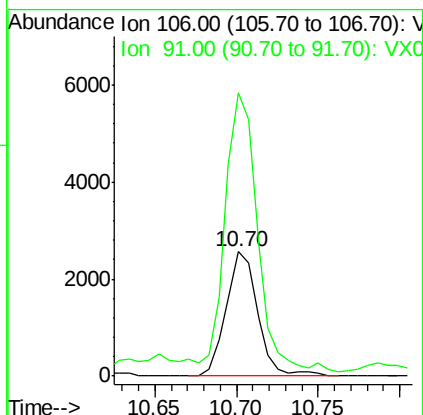
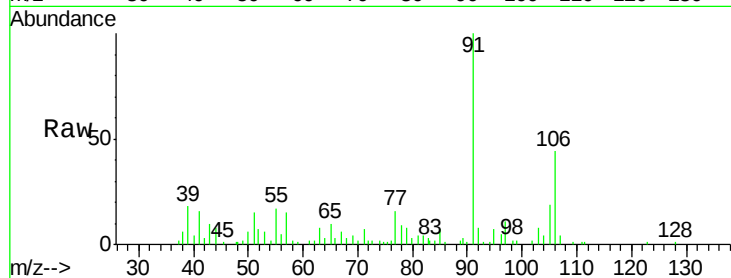




#69
o-Xylene
Concen: 0.73 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

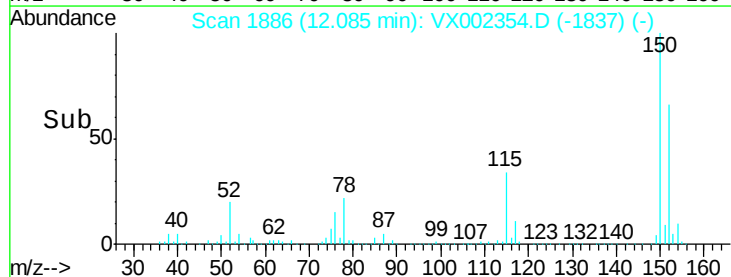
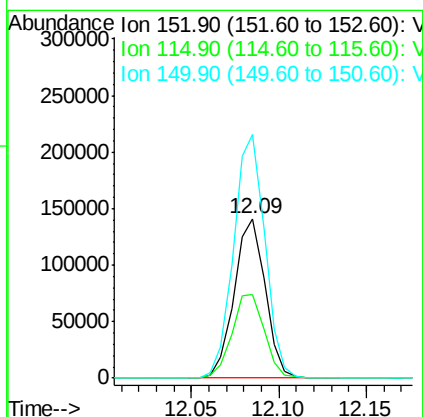
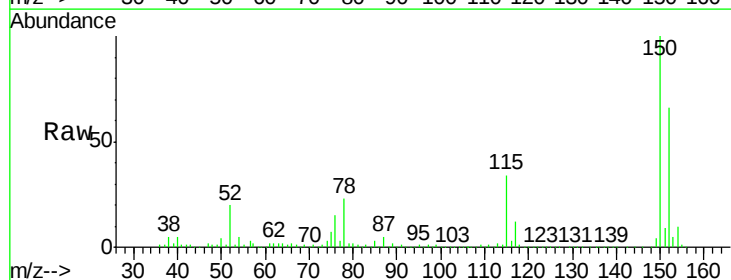
Instrument :
MSVOA_X
ClientSampleId :

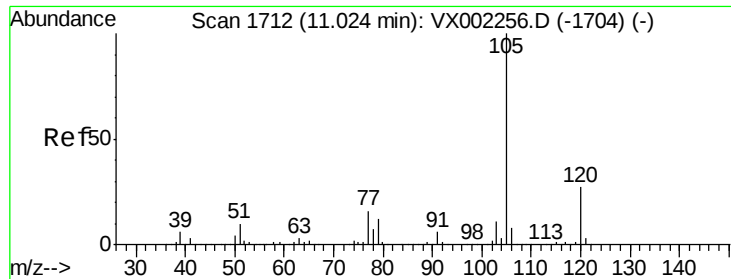
Tot Ion:106 Resp: 3465
Ion Ratio Lower Upper
106 100
91 229.1 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion:152 Resp: 173674
Ion Ratio Lower Upper
152 100
115 54.0 40.1 120.2
150 154.3 0.0 347.2





#73

Isopropylbenzene

Concen: 32.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

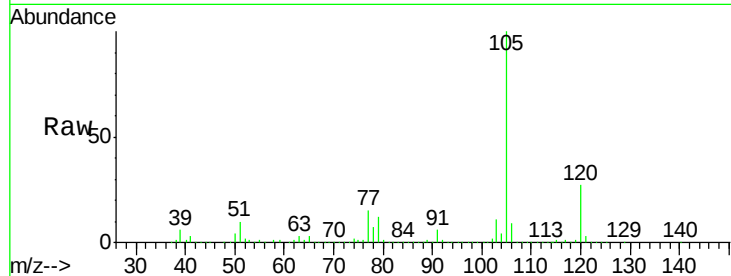
ClientSampleId :

Tot Ion:105 Resp: 395738

Ion Ratio Lower Upper

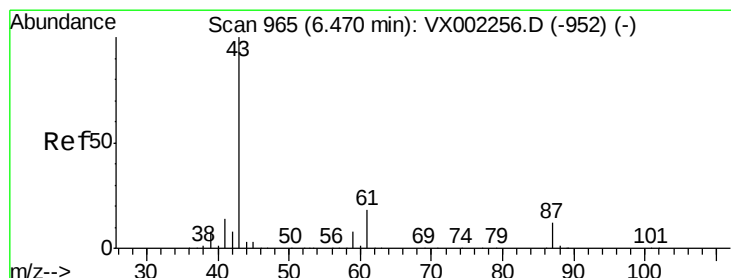
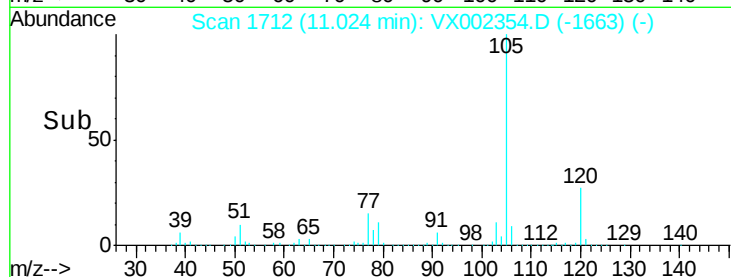
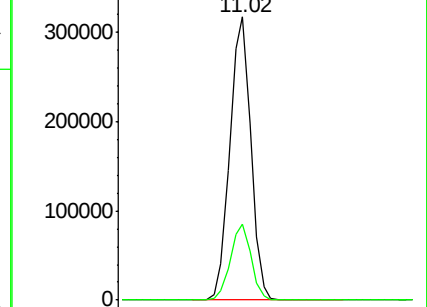
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.37 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Tgt Ion: 43 Resp: 2388

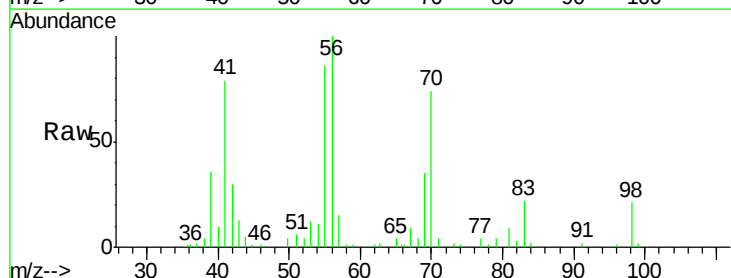
Ion Ratio Lower Upper

43 100

70 662.1 0.0 0.0#

55 765.5 0.0 0.0#

61 0.8 14.4 21.6#

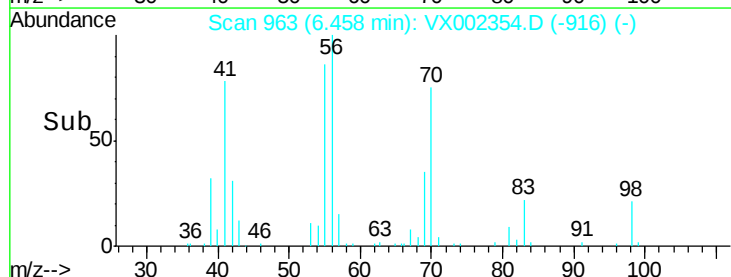
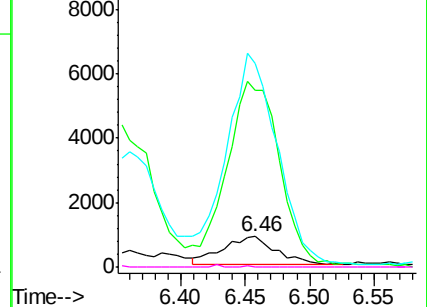


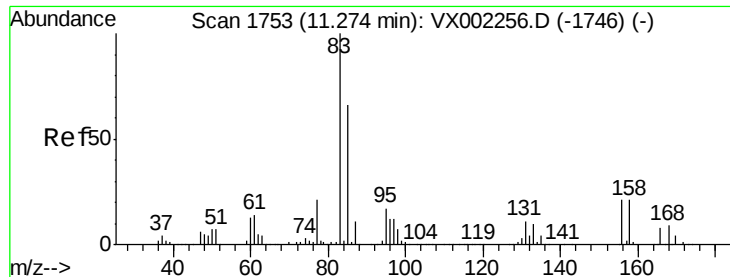
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.89 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

ClientSampled :

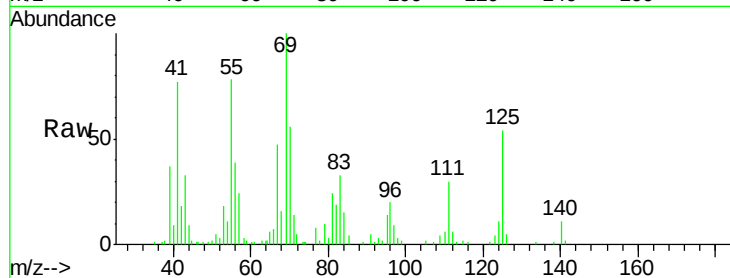
Tot Ion: 83 Resp: 3375

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

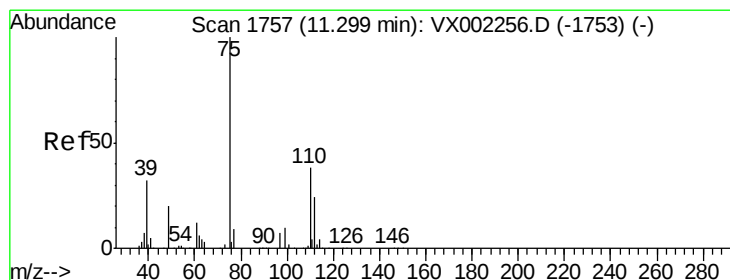
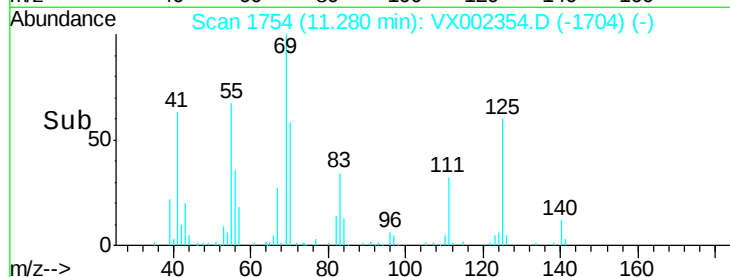
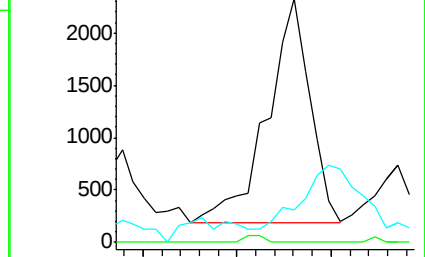
85 38.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.07 min

Lab File: VX002354.D

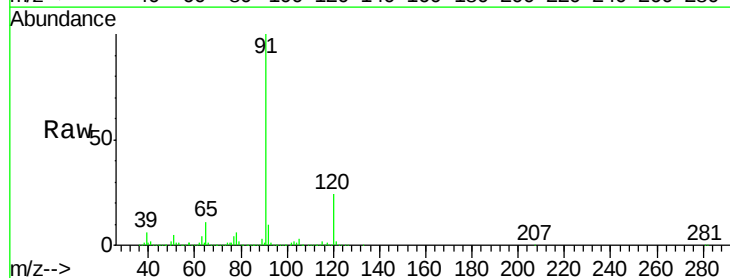
Acq: 06 Jun 2018 15:56

Tgt Ion: 75 Resp: 3378

Ion Ratio Lower Upper

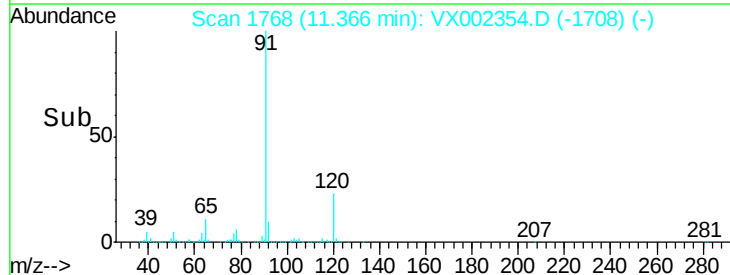
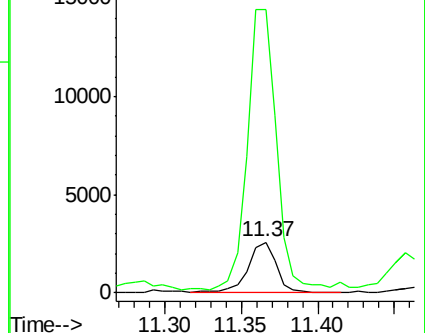
75 100

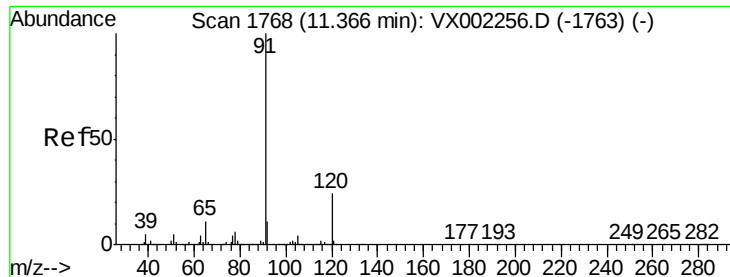
77 542.5 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 32.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

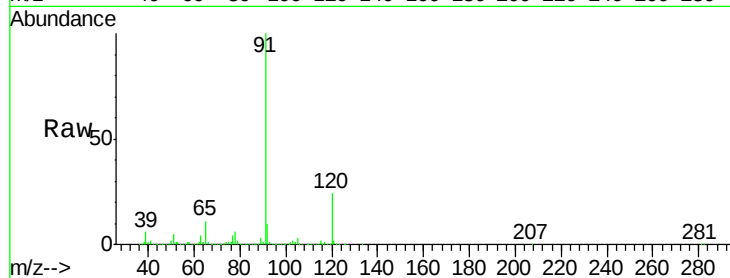
ClientSampleId :

Tot Ion: 91 Resp: 440496

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

400000

300000

200000

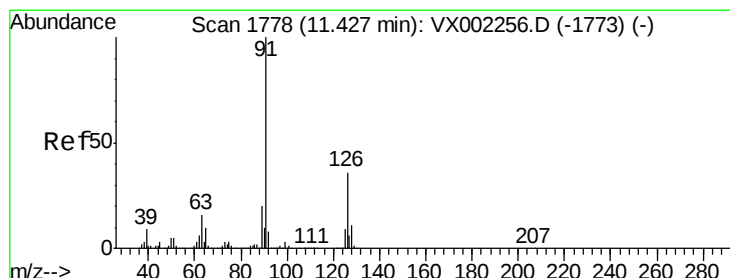
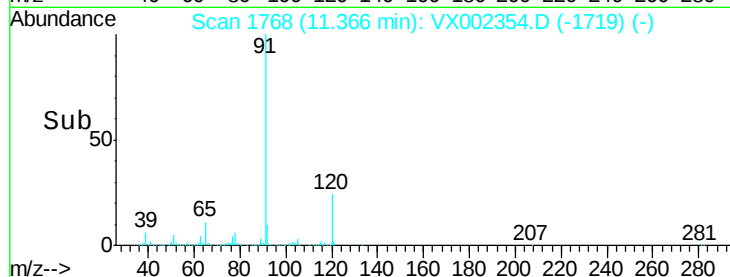
100000

0

11.30

11.40

Time-->



#79

2-Chlorotoluene

Concen: 51.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002354.D

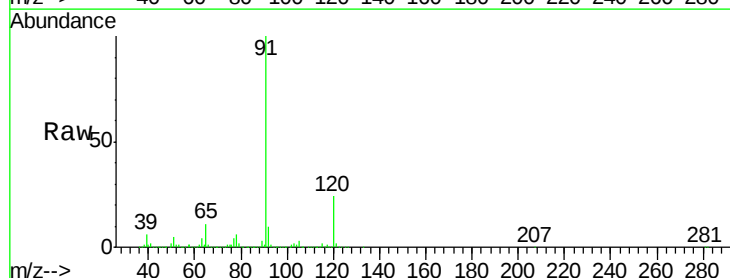
Acq: 06 Jun 2018 15:56

Tgt Ion: 91 Resp: 440496

Ion Ratio Lower Upper

91 100

126 0.1 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.37

400000

300000

200000

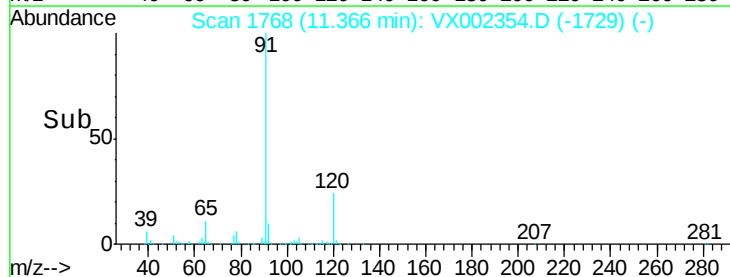
100000

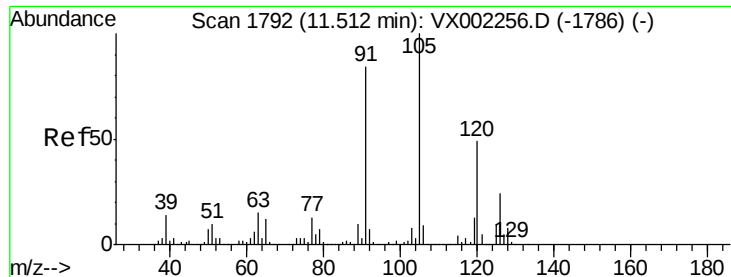
0

11.30

11.40

Time-->

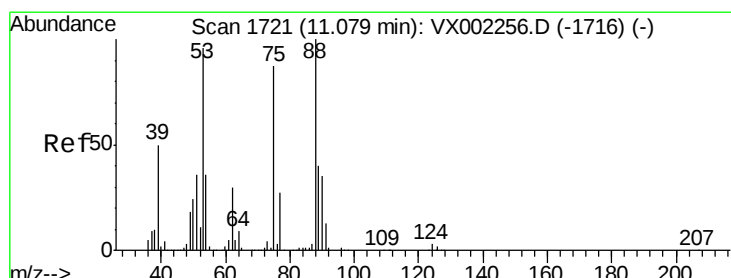
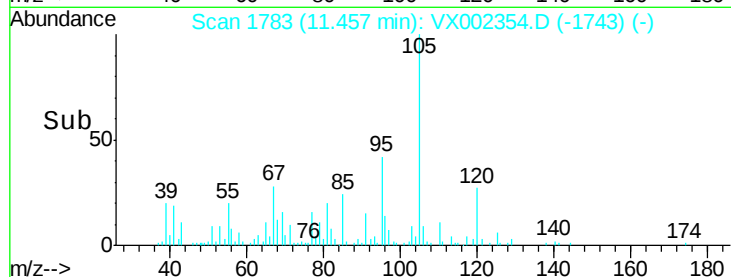
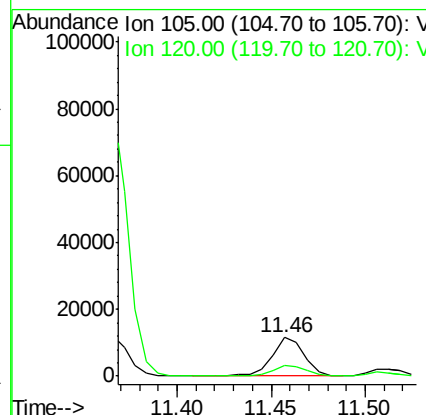
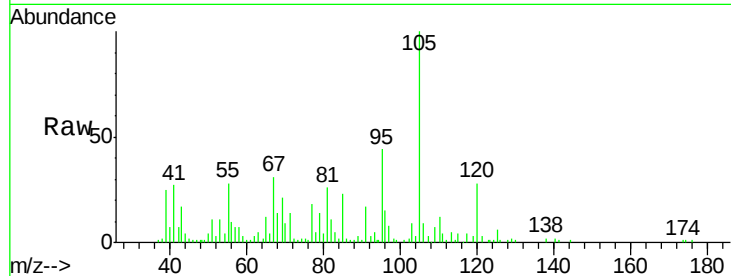




#80
 1,3,5-Trimethylbenzene
 Concen: 1.34 ug/l
 RT: 11.46 min Scan# 1783
 Delta R.T. -0.06 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

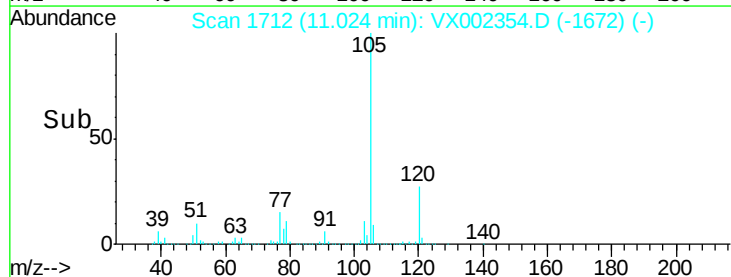
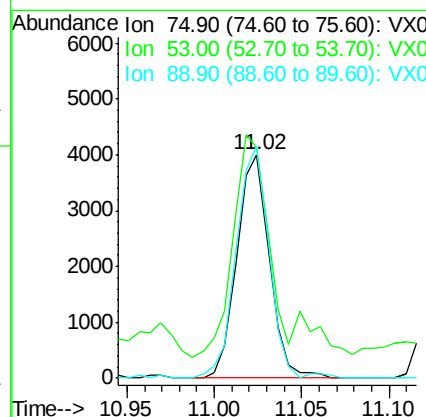
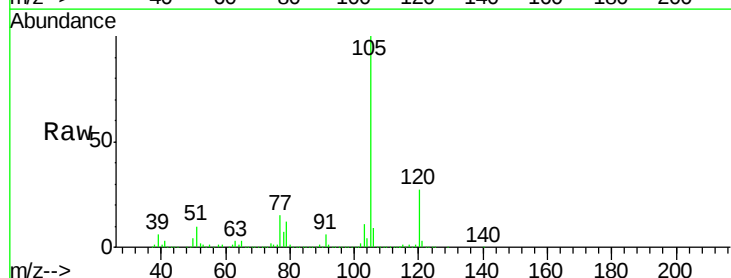
Instrument :
 MSVOA_X
 ClientSampleId :

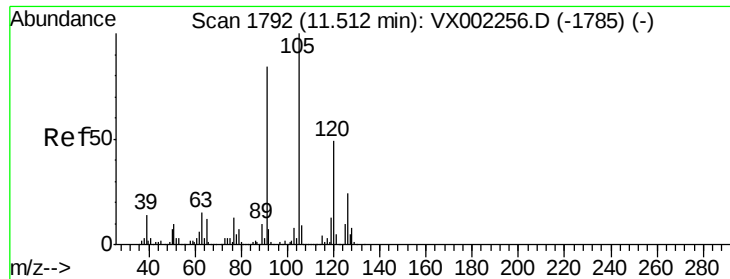
Tot Ion:105 Resp: 13845
 Ion Ratio Lower Upper
 105 100
 120 26.9 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.77 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.06 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

Tgt Ion: 75 Resp: 5185
 Ion Ratio Lower Upper
 75 100
 53 106.2 86.8 130.2
 89 104.4 38.2 57.2#





#82

4-Chlorotoluene

Concen: 45.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

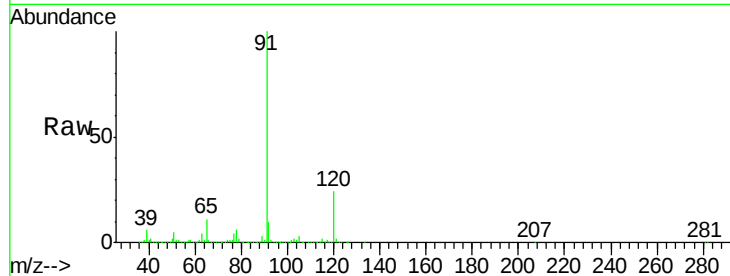
ClientSampleId :

Tot Ion: 91 Resp: 440496

Ion Ratio Lower Upper

91 100

126 0.1 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX002354.D (-1786) (-)

Ion 125.90 (125.60 to 126.60): VX002354.D (-1786) (-)

11.37

400000

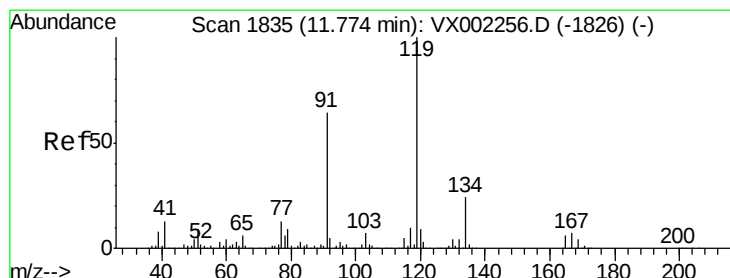
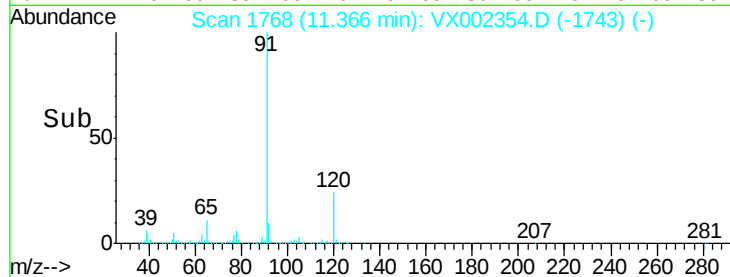
300000

200000

100000

0

Time-->



#83

tert-Butylbenzene

Concen: 1.35 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

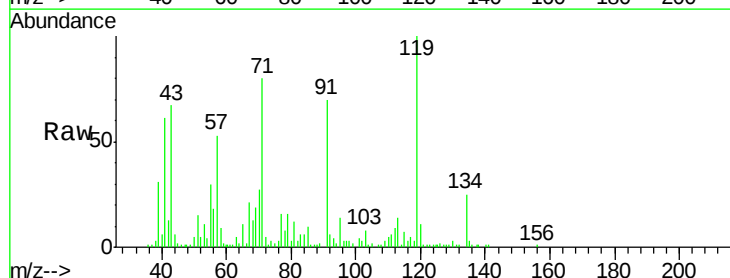
Tgt Ion: 119 Resp: 13669

Ion Ratio Lower Upper

119 100

91 70.5 30.3 90.9

134 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): VX002354.D (-1786) (-)

Ion 91.00 (90.70 to 91.70): VX002354.D (-1786) (-)

Ion 134.00 (133.70 to 134.70): VX002354.D (-1786) (-)

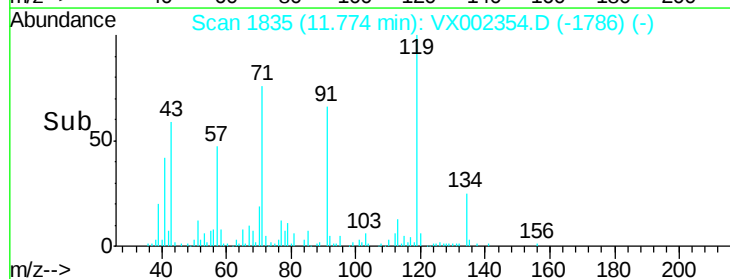
11.77

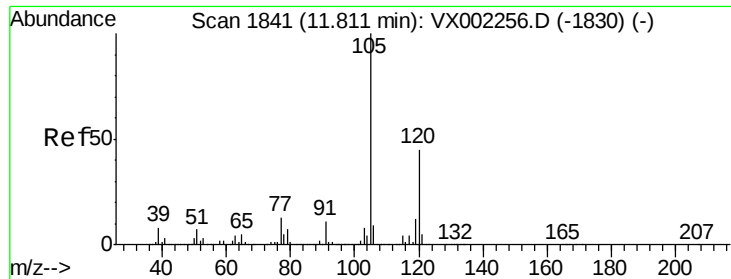
10000

5000

0

Time-->

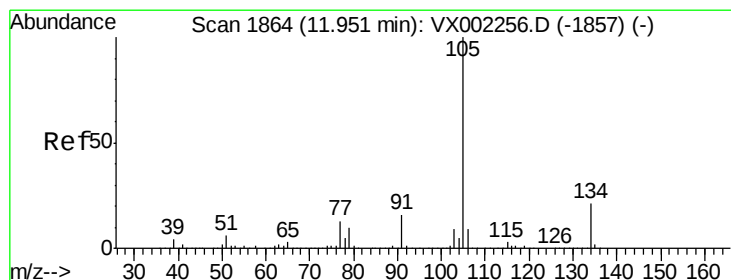
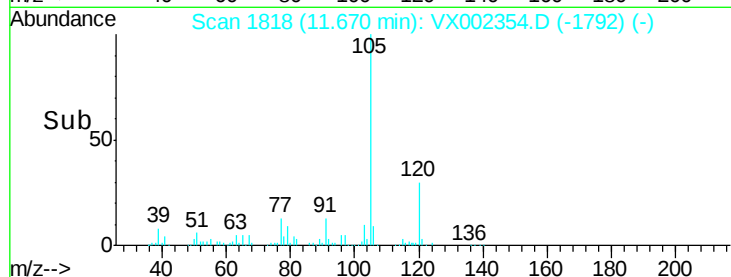
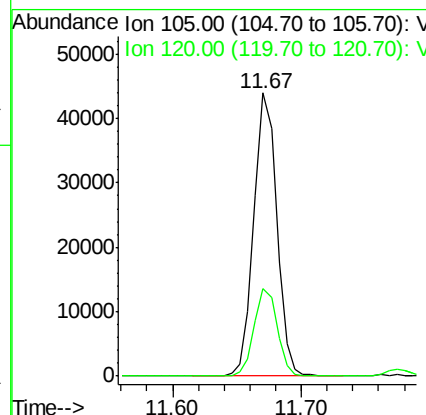
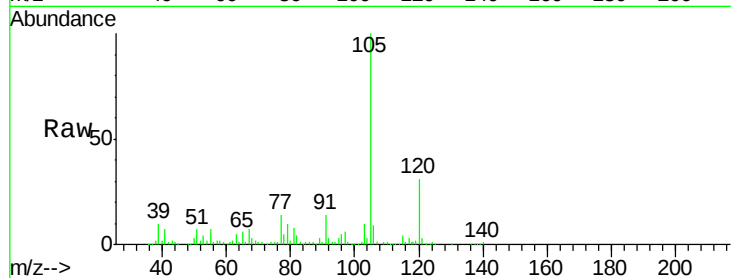




#84
 1,2,4-Trimethylbenzene
 Concen: 5.07 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

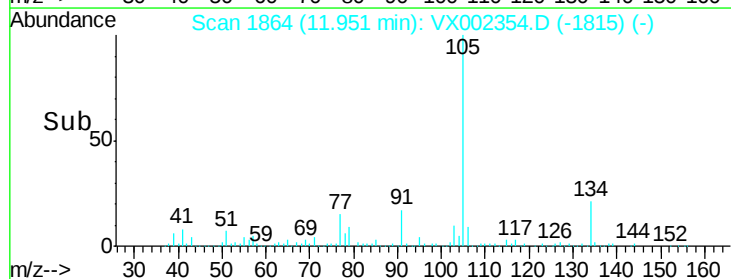
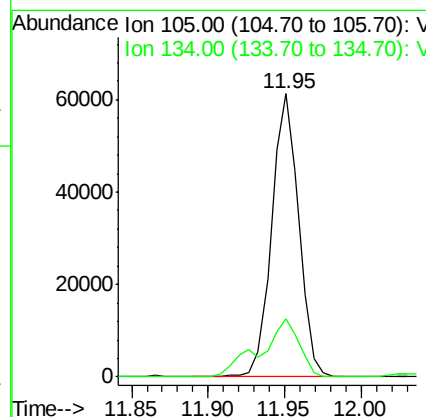
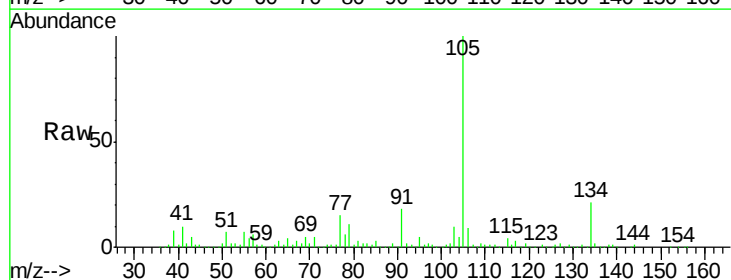
Instrument :
 MSVOA_X
 ClientSampleId :

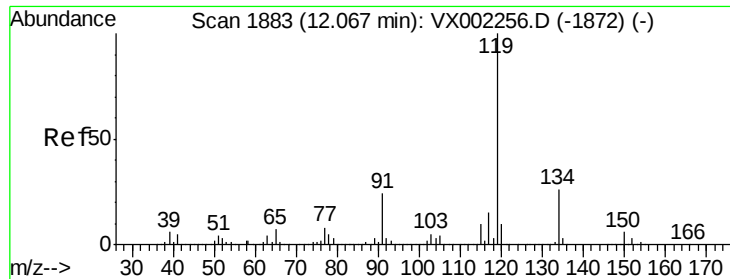
Tot Ion:105 Resp: 54078
 Ion Ratio Lower Upper
 105 100
 120 31.1 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 6.37 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

Tgt Ion:105 Resp: 75311
 Ion Ratio Lower Upper
 105 100
 134 29.7 10.4 31.1

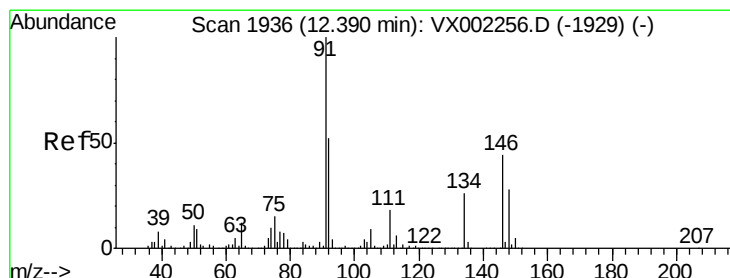
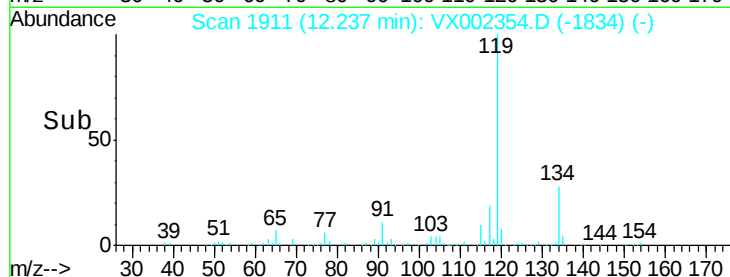
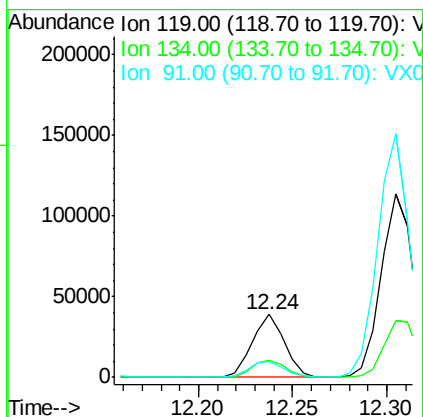
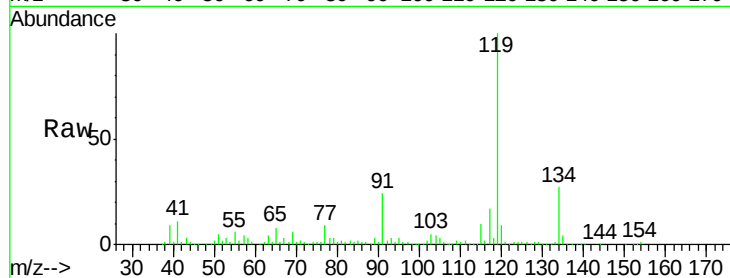




#86
p-Isopropyltoluene
Concen: 4.31 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

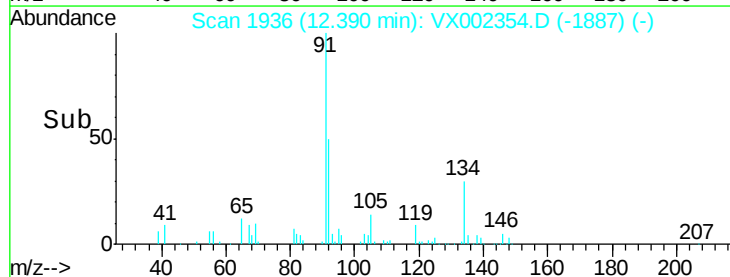
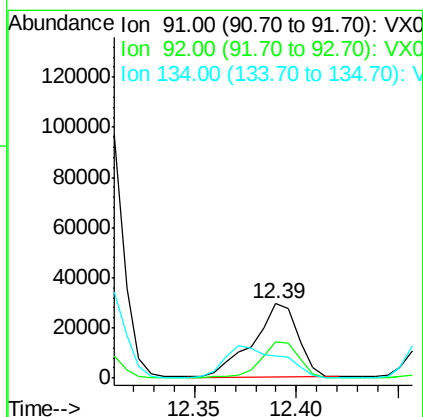
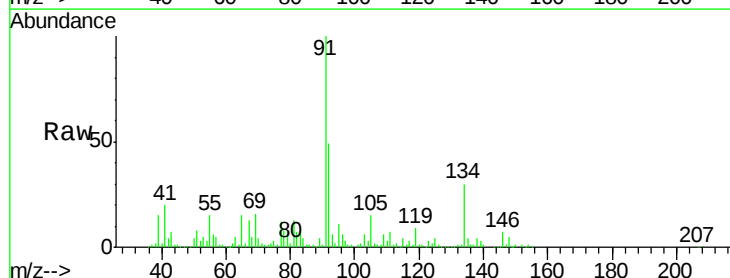
Instrument :
MSVOA_X
ClientSampled :

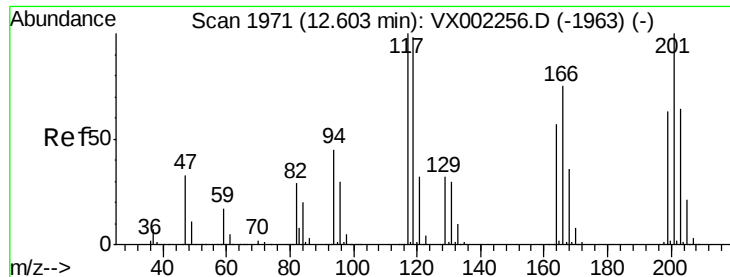
Tot Ion:119 Resp: 46482
Ion Ratio Lower Upper
119 100
134 28.8 13.4 40.1
91 25.7 11.9 35.7



#89
n-Butylbenzene
Concen: 5.00 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002354.D
Acq: 06 Jun 2018 15:56

Tgt Ion: 91 Resp: 45209
Ion Ratio Lower Upper
91 100
92 42.6 26.0 78.0
134 55.6 13.5 40.5#





#90

Hexachloroethane

Concen: 17.44 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

Instrument :

MSVOA_X

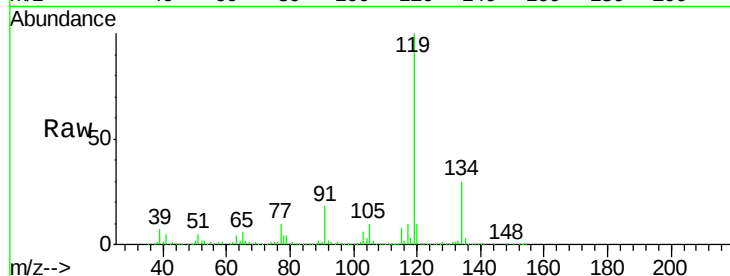
ClientSampleId :

Tot Ion:117 Resp: 29992

Ion Ratio Lower Upper

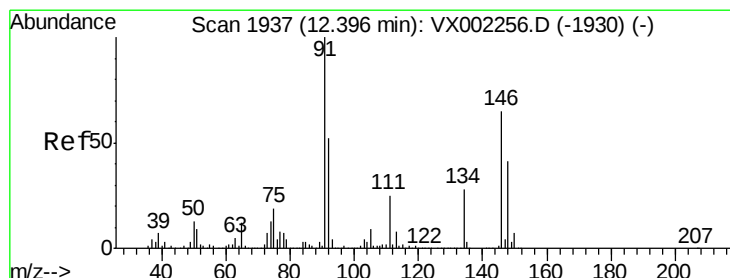
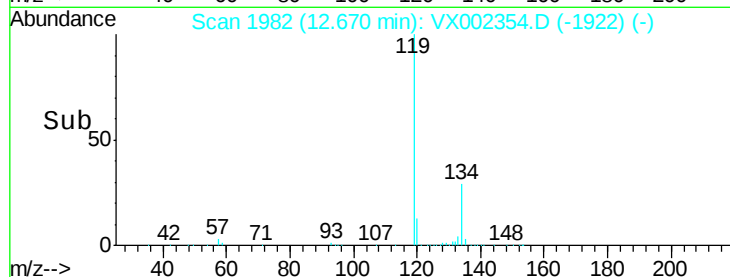
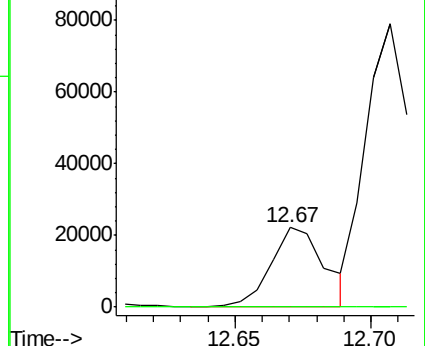
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.64 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002354.D

Acq: 06 Jun 2018 15:56

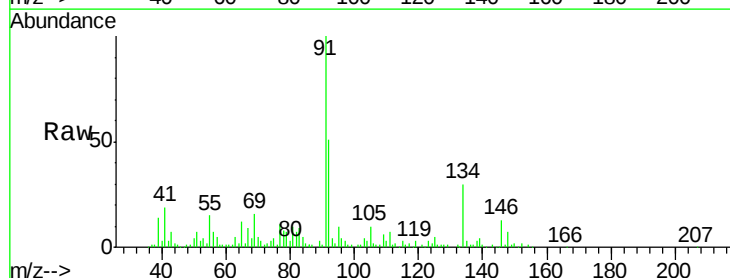
Tgt Ion:146 Resp: 4021

Ion Ratio Lower Upper

146 100

111 53.0 19.4 58.1

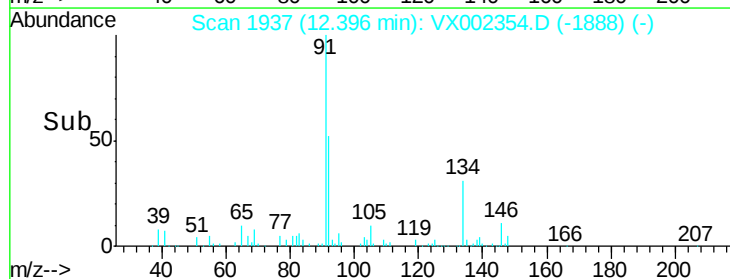
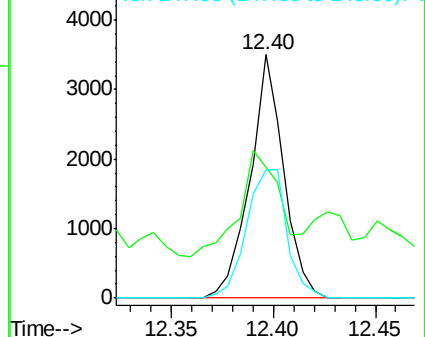
148 63.6 31.7 95.1

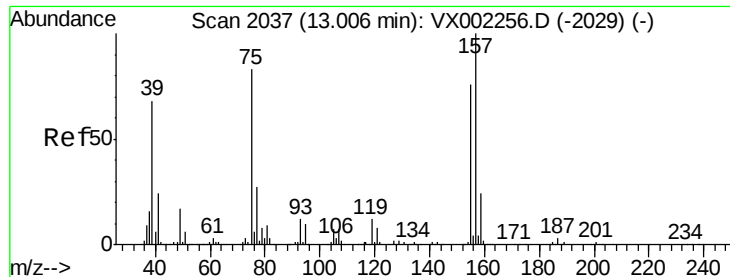


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

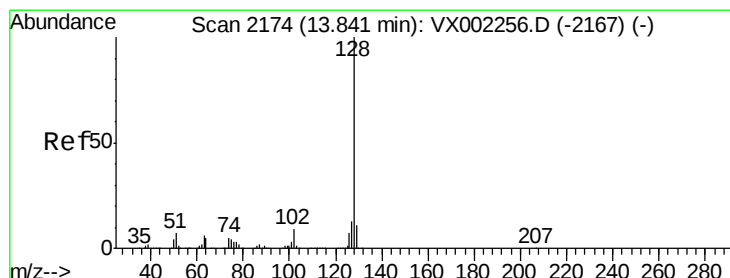
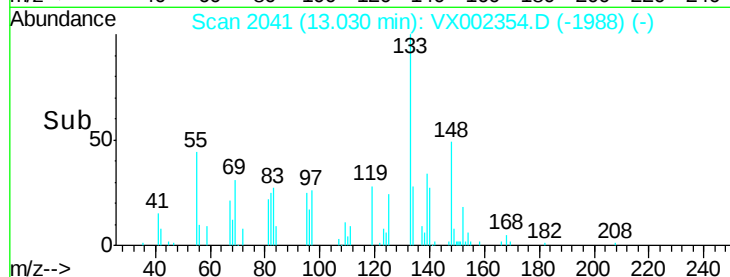
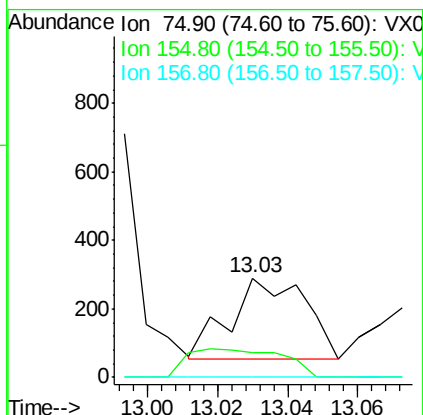
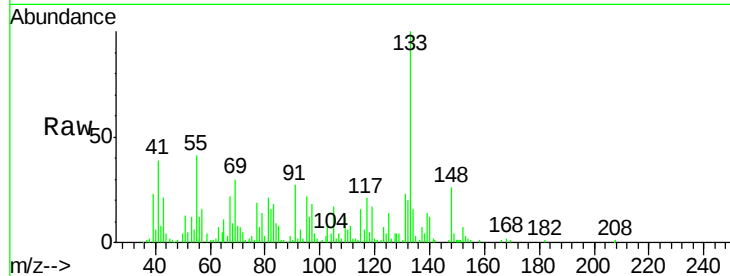




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.43 ug/l
 RT: 13.03 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

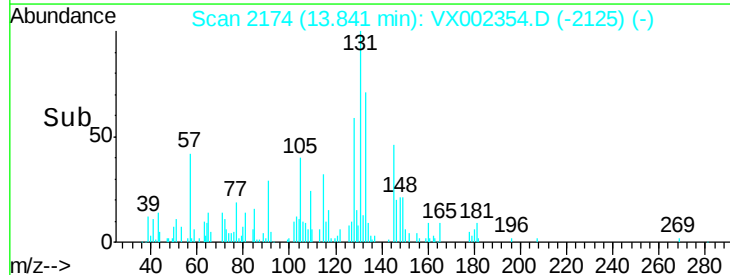
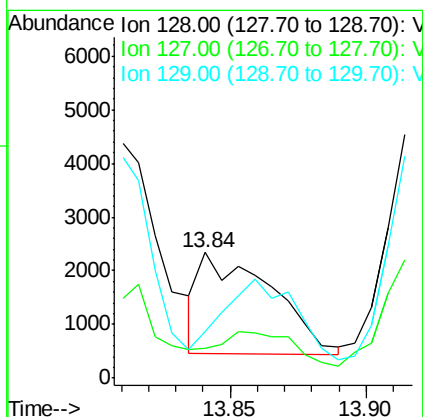
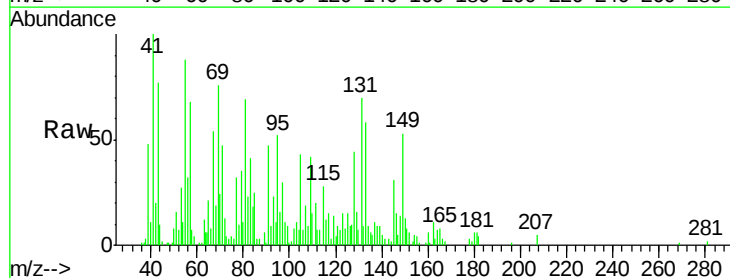
Instrument :
 MSVOA_X
 ClientSampled :

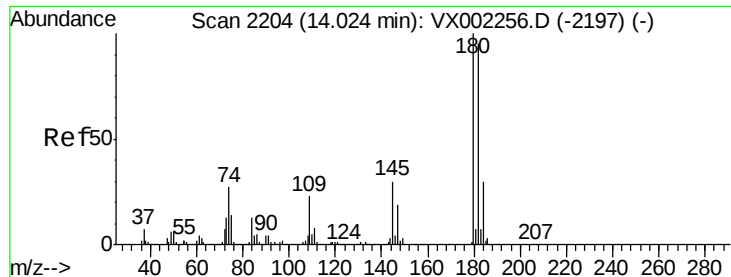
Tot Ion: 75 Resp: 355
 Ion Ratio Lower Upper
 75 100
 155 44.5 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 0.27 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

Tgt Ion: 128 Resp: 3473
 Ion Ratio Lower Upper
 128 100
 127 35.4 10.4 15.6#
 129 79.2 8.6 13.0#

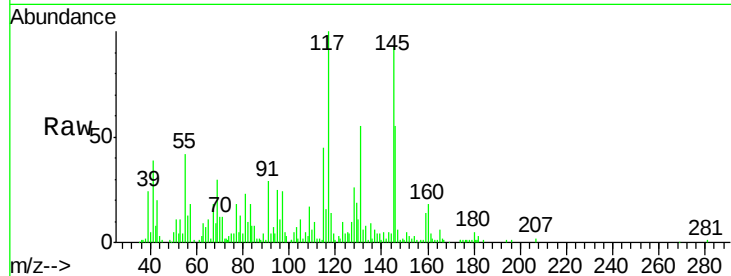




#96
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VX002354.D
 Acq: 06 Jun 2018 15:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 946
 Ion Ratio Lower Upper
 180 100
 182 45.3 48.0 144.0#
 145 2231.7 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

