

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010059.D
 Acq On : 04 Jun 2019 15:39
 Operator : JC/SP
 Sample : K3178-01 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:20:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163135	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	257943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105512	45.79	ug/l	0.00
Spiked Amount			Recovery	=	91.58%	
35) Dibromofluoromethane	5.49	113	79376	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	325816	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	111887	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	296	4.791	ug/l #	62
11) Tert butyl alcohol	3.04	59	845	1.490	ug/l #	73
13) Acrolein	2.29	56	287	21.751	ug/l #	73
14) Allyl chloride	2.84	41	1000	0.249	ug/l #	30
15) Acrylonitrile	3.14	53	392	0.287	ug/l #	50
16) Acetone	2.44	43	2950	2.216	ug/l #	88
17) Carbon Disulfide	2.57	76	5211	1.418	ug/l #	90
18) Methyl Acetate	2.77	43	1369	0.442	ug/l	93
25) 2-Butanone	4.82	43	286212	137.976	ug/l #	54
29) Tetrahydrofuran	5.10	42	306	0.230	ug/l #	39
31) Cyclohexane	5.57	56	13560	3.867	ug/l	96
36) 1,1-Dichloropropene	5.66	75	12450	4.757	ug/l #	51
37) Ethyl Acetate	4.82	43	286818	78.653	ug/l	99
38) Carbon Tetrachloride	5.65	117	15304	6.767	ug/l #	15
39) Methylcyclohexane	7.46	83	30440	9.805	ug/l	99
40) Benzene	6.13	78	64034	8.248	ug/l	99
42) 1,2-Dichloroethane	6.43	62	1296	0.452	ug/l	84
43) Isopropyl Acetate	6.43	43	271260	46.101	ug/l	99
48) Methyl methacrylate	7.87	41	515517	176.984	ug/l #	48
49) 1,4-Dioxane	7.87	88	757	13.972	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1695	0.443	ug/l #	72
52) Toluene	8.78	92	132462	28.101	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	3041	1.603	ug/l #	20
56) Ethyl methacrylate	9.16	69	969	0.287	ug/l #	47
59) 2-Hexanone	9.29	43	820	0.278	ug/l	82
67) Ethyl Benzene	10.25	91	26498	3.047	ug/l	100
68) m/p-Xylenes	10.35	106	68679	21.380	ug/l	99
69) o-Xylene	10.69	106	20100	6.524	ug/l	99
70) Styrene	10.70	104	1526	0.282	ug/l #	1
73) Isopropylbenzene	11.01	105	5491	0.696	ug/l	98
74) N-amyl acetate	10.91	43	2006	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	57792	22.593	ug/l #	34
78) n-propylbenzene	11.35	91	6656	0.732	ug/l	99
79) 2-Chlorotoluene	11.43	91	4610	0.829	ug/l #	47

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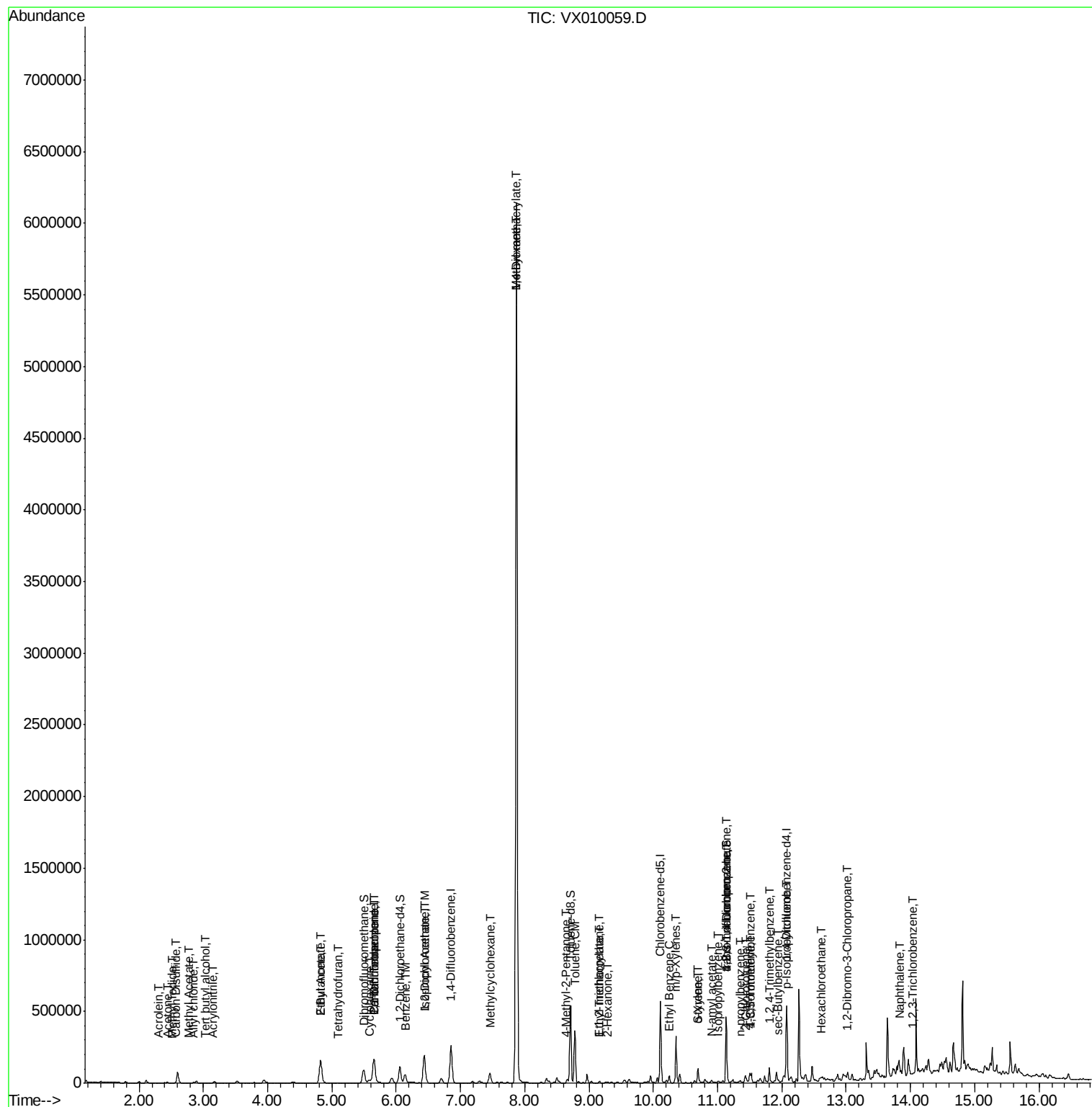
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	24238	3.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	57792	55.898	ug/l #	10
82) 4-Chlorotoluene	11.51	91	3316	0.512	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.80	105	39937	5.914	ug/l	100
85) sec-Butylbenzene	11.94	105	2955	0.390	ug/l	99
86) p-Isopropyltoluene	12.06	119	3933	0.578	ug/l	90
90) Hexachloroethane	12.61	117	612	0.524	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	202	0.291	ug/l #	36
95) Naphthalene	13.83	128	23658	3.013	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.03	180	643	0.255	ug/l #	1

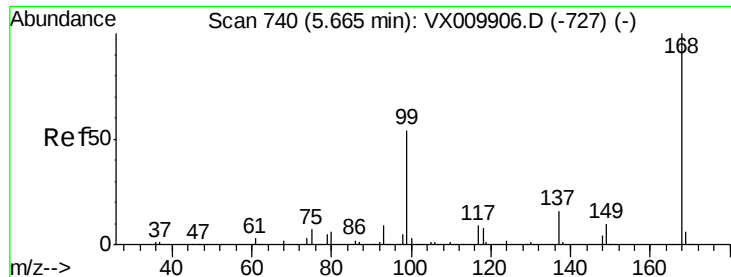
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

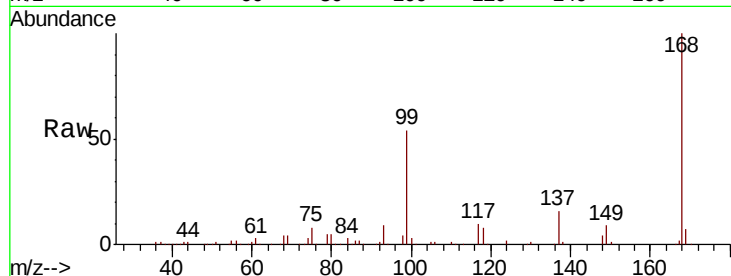
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 163135

Ion Ratio Lower Upper

168 100

99 54.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

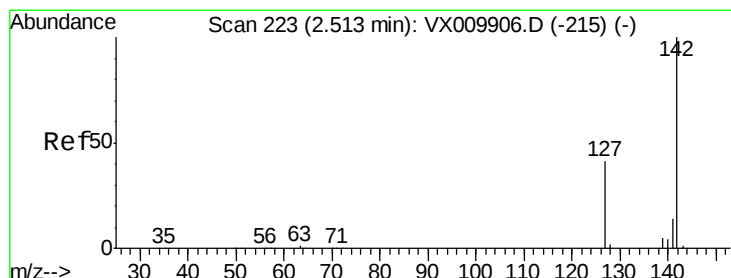
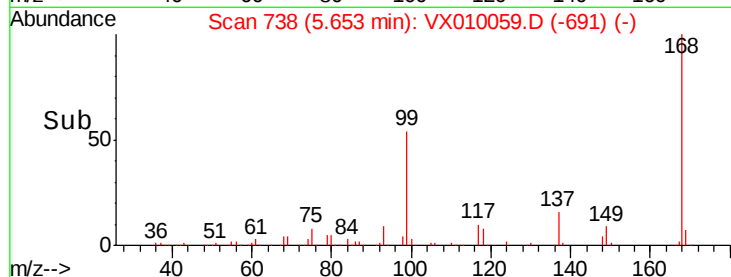
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#10

Methyl Iodide

Concen: 4.791 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

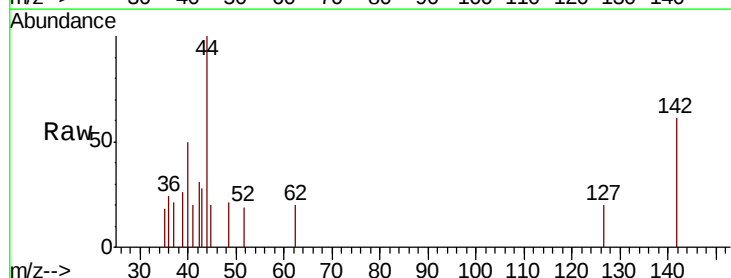
Tgt Ion:142 Resp: 296

Ion Ratio Lower Upper

142 100

127 16.9 33.0 49.4#

141 0.0 11.4 17.0#



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

250

200

150

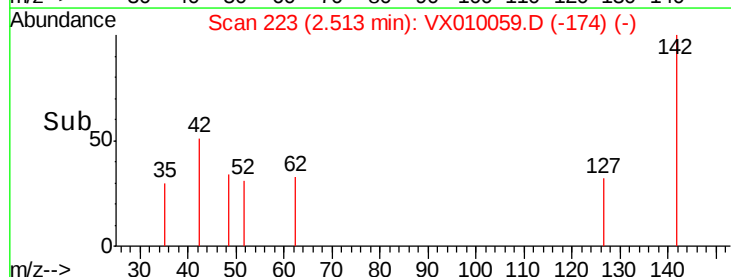
100

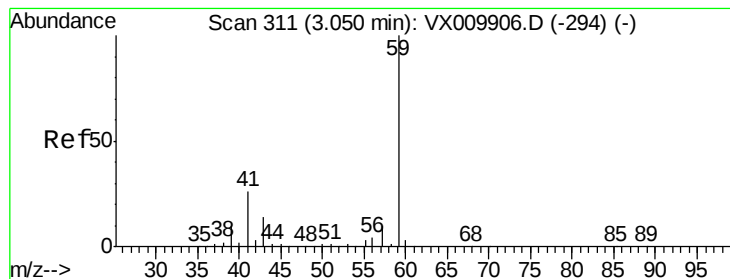
50

0

Time-->

2.50 2.55



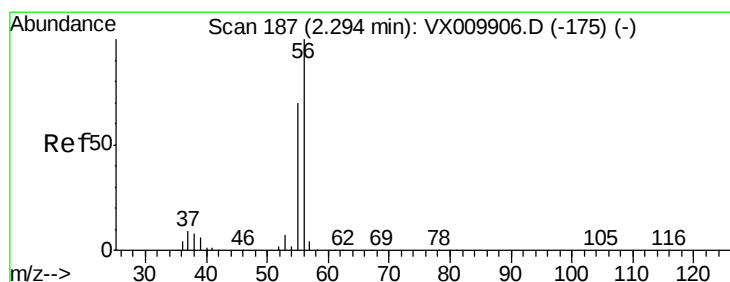
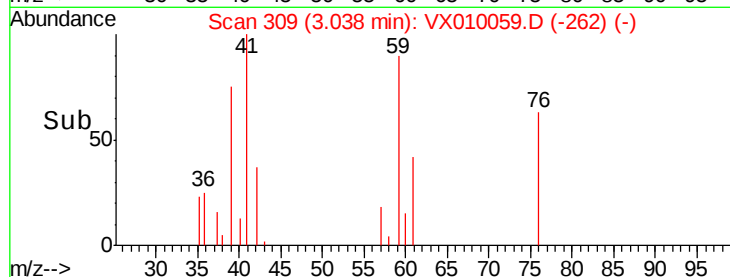
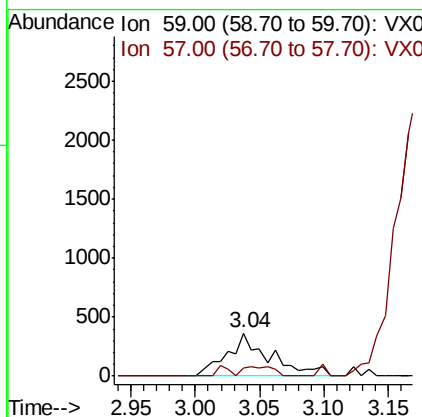
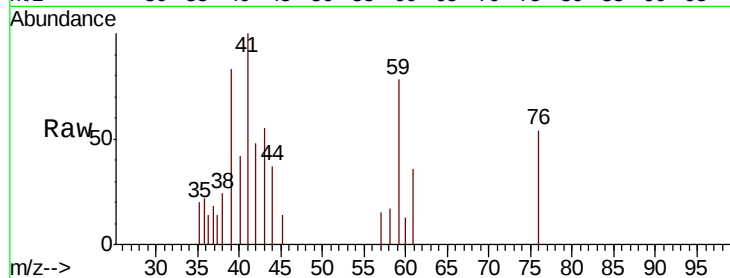


#11

Tert butyl alcohol
 Concen: 1.490 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

Instrument :
 MSVOA_X
 ClientSampleId :

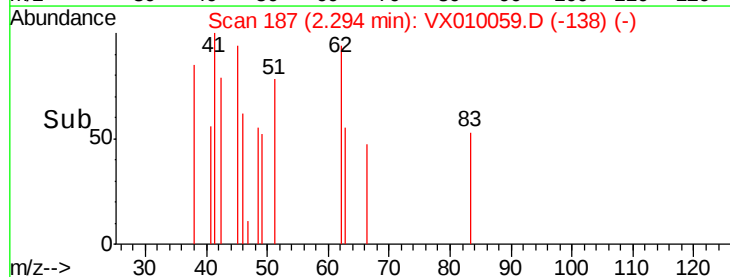
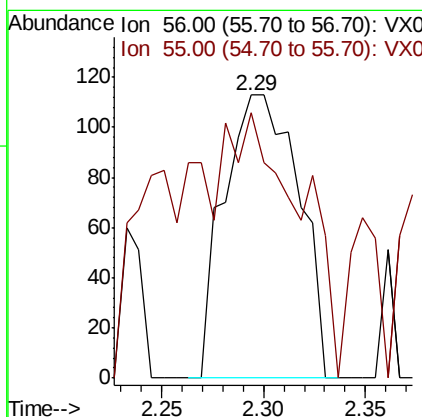
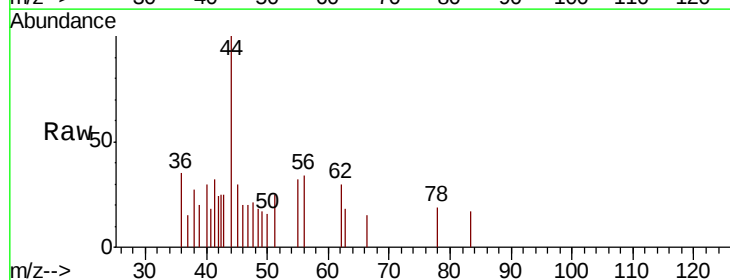
Tot Ion: 59 Resp: 845
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

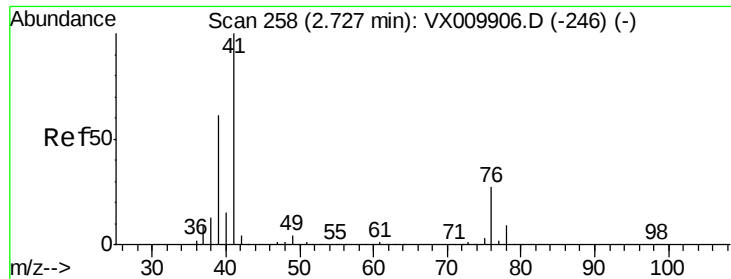


#13

Acrolein
 Concen: 21.751 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

Tgt Ion: 56 Resp: 287
 Ion Ratio Lower Upper
 56 100
 55 93.7 57.0 85.4#

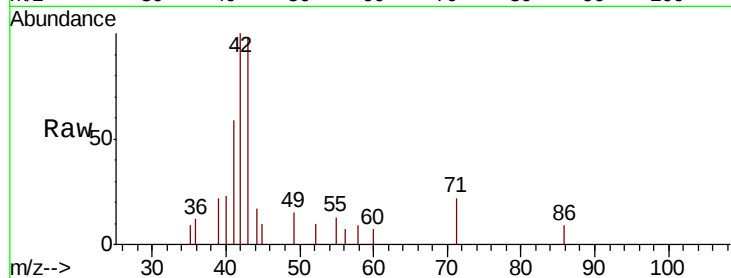




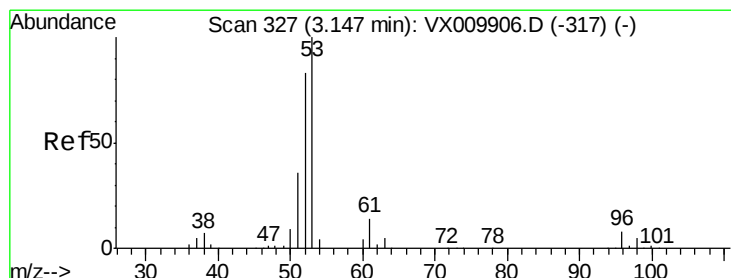
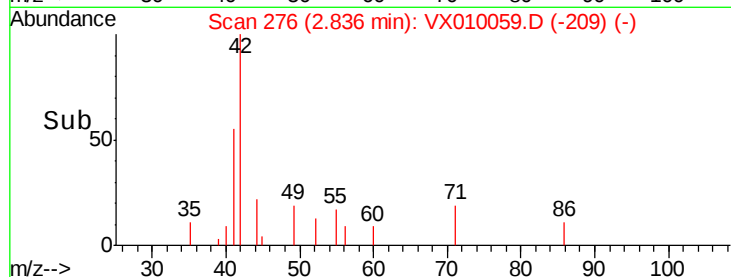
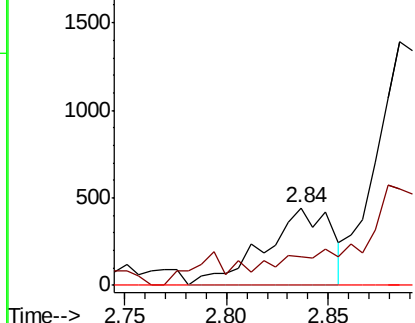
#14
Allvl chloride
Concen: 0.249 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.11 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 1000
Ion Ratio Lower Upper
41 100
39 0.0 46.7 70.1#
76 0.0 21.0 31.4#

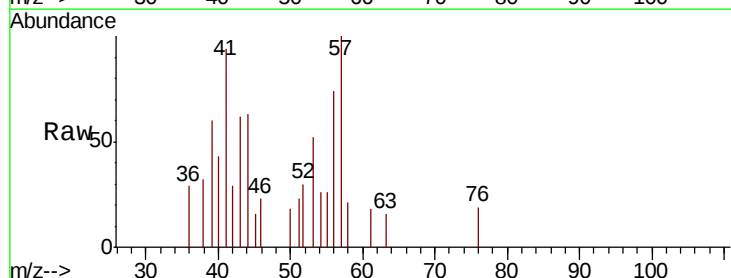


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

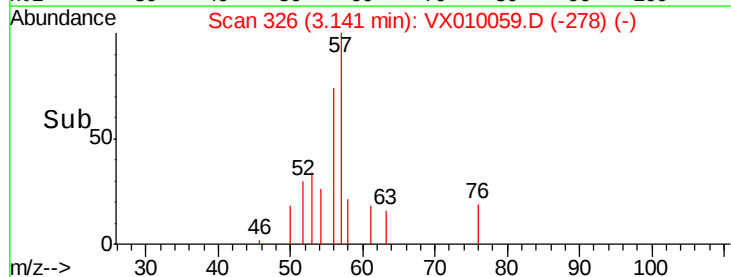
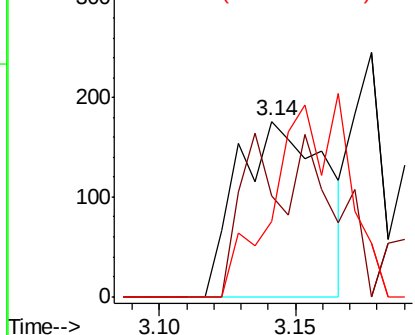


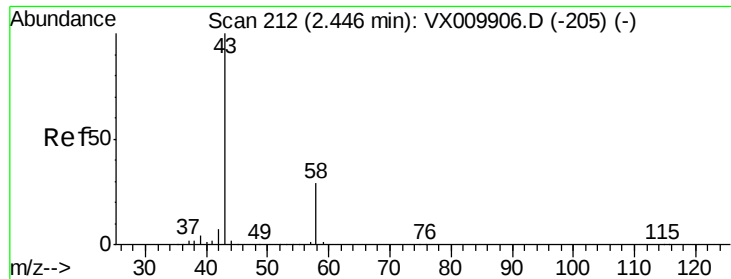
#15
Acrylonitrile
Concen: 0.287 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion: 53 Resp: 392
Ion Ratio Lower Upper
53 100
52 42.1 66.7 100.1#
51 0.0 28.8 43.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 2.216 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

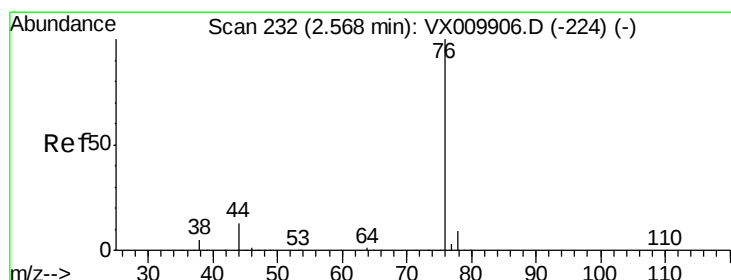
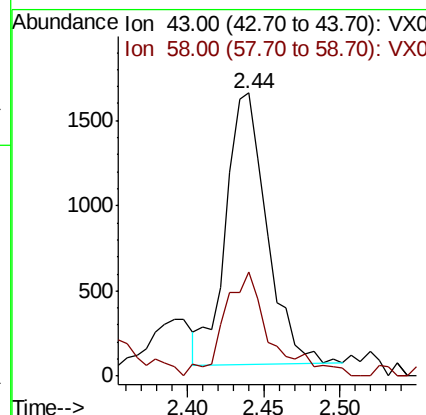
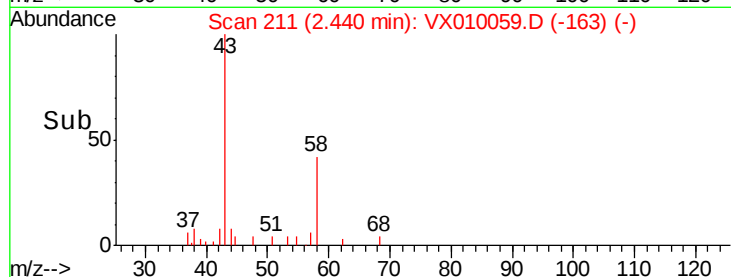
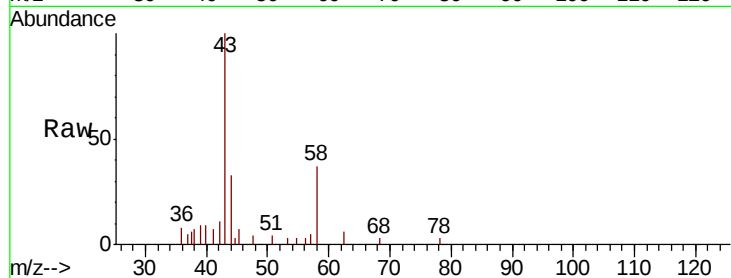
ClientSampleId :

Tot Ion: 43 Resp: 2950

Ion Ratio Lower Upper

43 100

58 35.3 23.2 34.8#



#17

Carbon Disulfide

Concen: 1.418 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010059.D

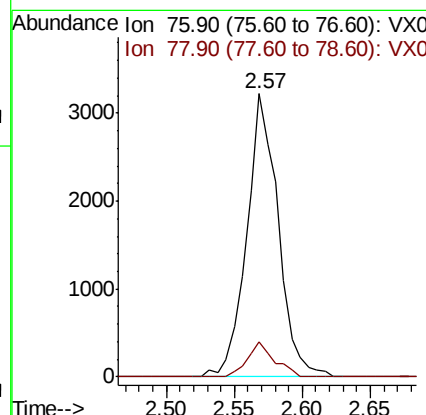
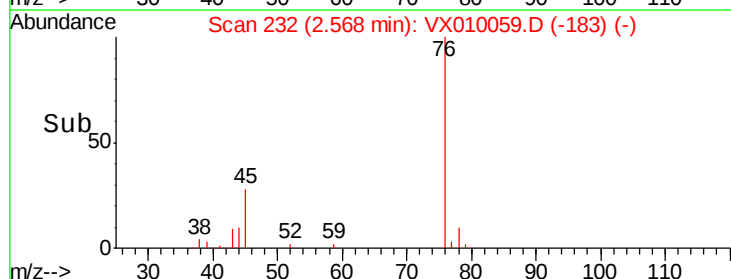
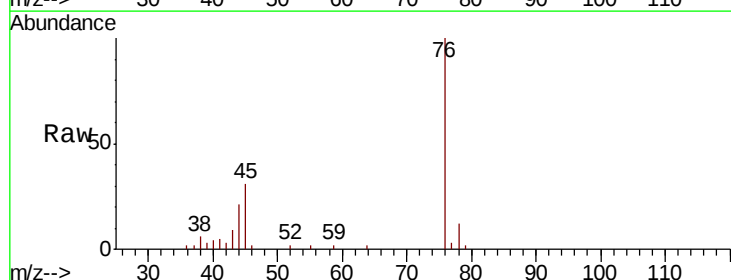
Acq: 04 Jun 2019 15:39

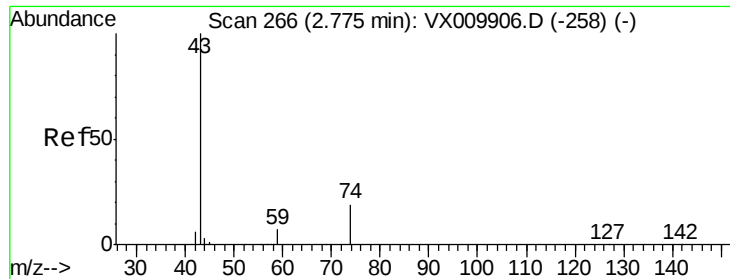
Tgt Ion: 76 Resp: 5211

Ion Ratio Lower Upper

76 100

78 12.2 7.0 10.6#

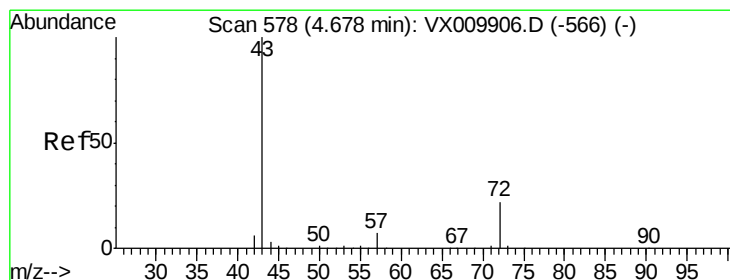
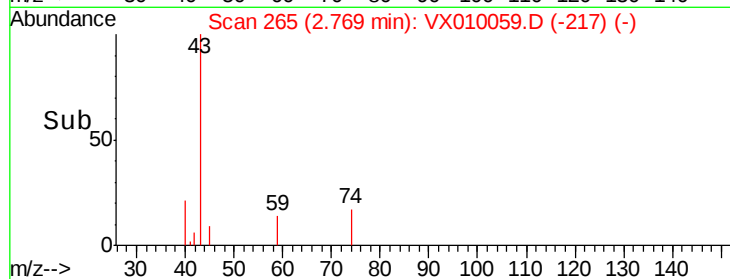
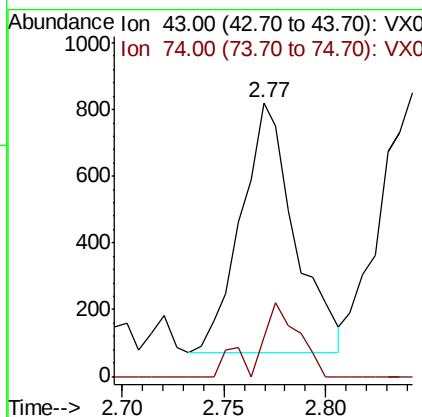
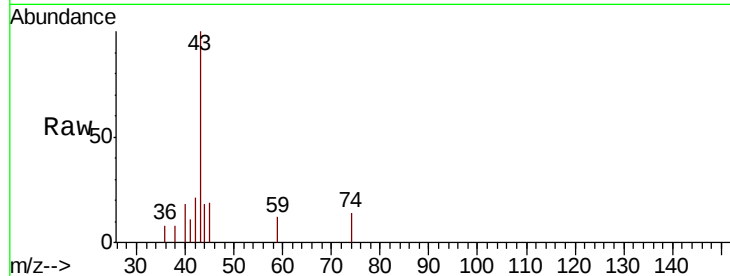




#18
Methyl Acetate
Concen: 0.442 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

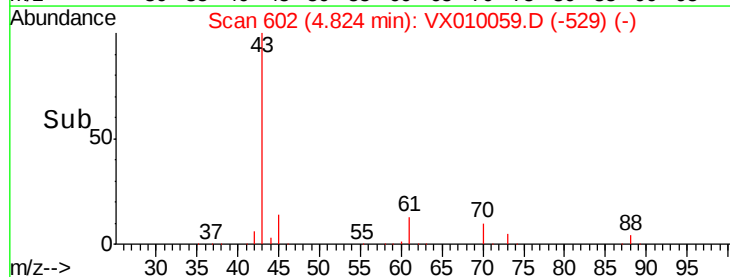
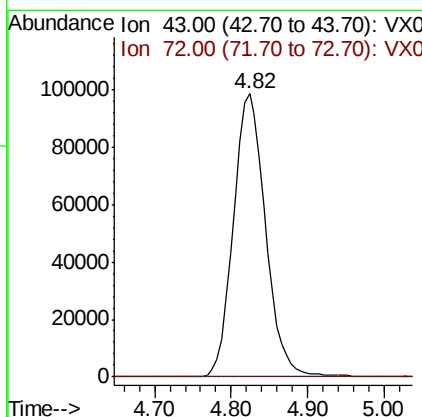
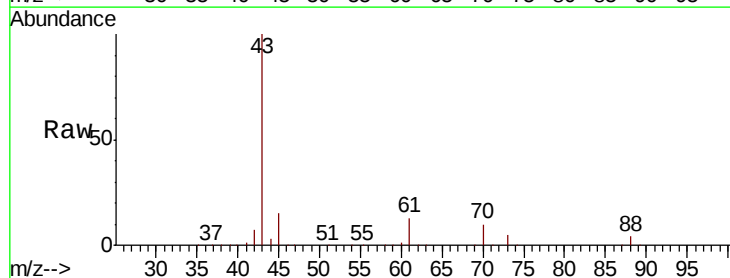
Instrument :
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ClientSampled :

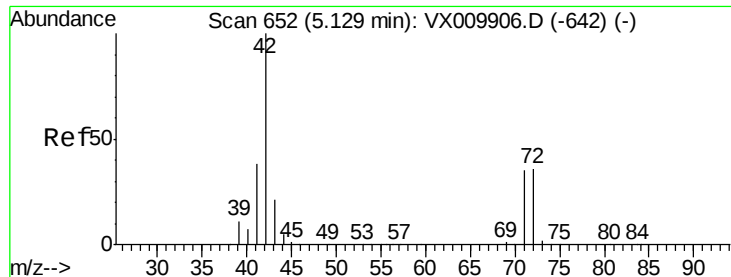
Tot Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
74 22.8 15.8 23.6



#25
2-Butanone
Concen: 137.976 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.15 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion: 43 Resp: 286212
Ion Ratio Lower Upper
43 100
72 0.0 17.5 26.3#





#29

Tetrahydrofuran

Concen: 0.230 ug/l

RT: 5.10 min Scan# 648

Delta R.T. -0.02 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampled :

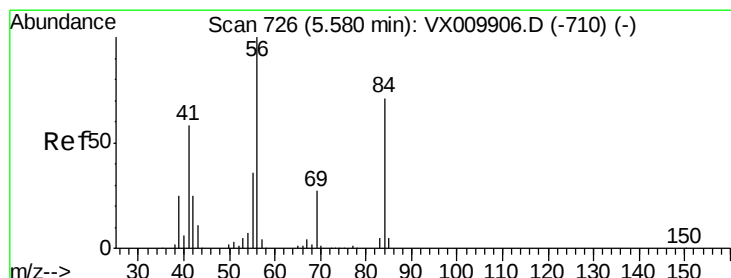
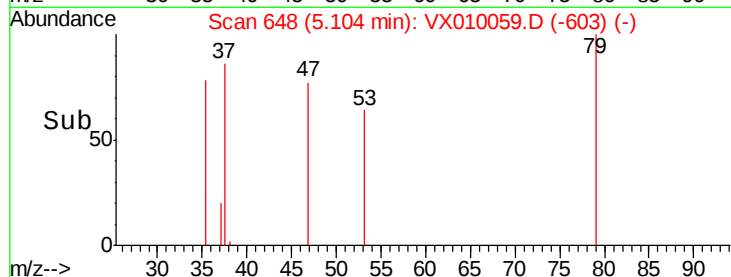
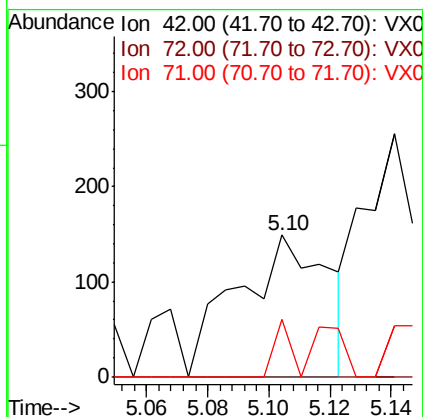
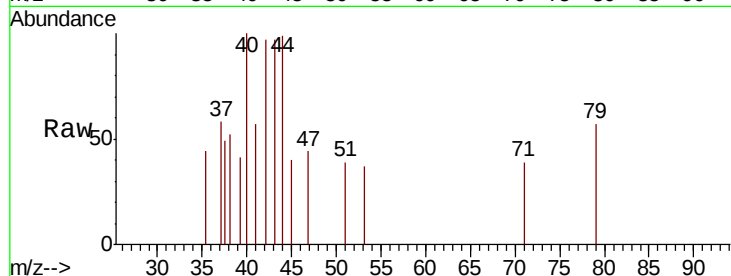
Tot Ion: 42 Resp: 306

Ion Ratio Lower Upper

42 100

72 0.0 29.2 43.8#

71 0.0 27.6 41.4#



#31

Cyclohexane

Concen: 3.867 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

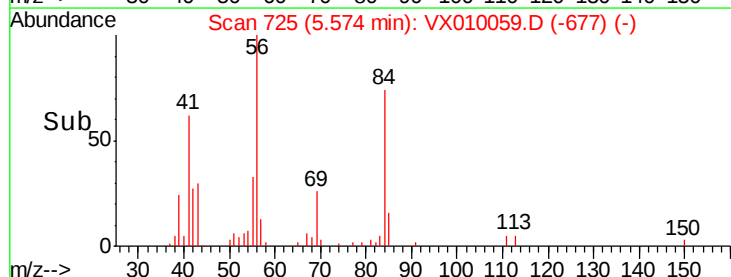
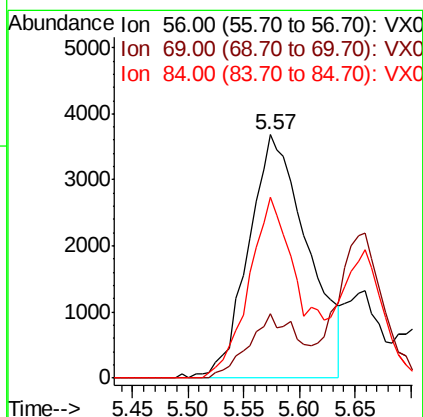
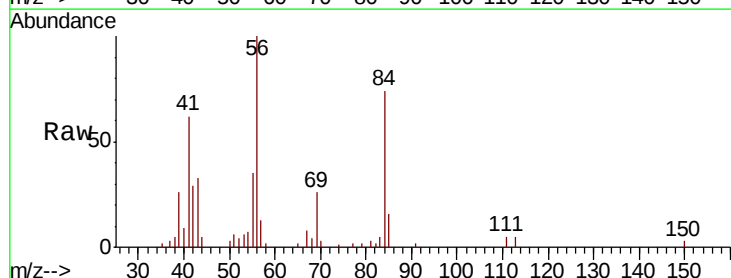
Tgt Ion: 56 Resp: 13560

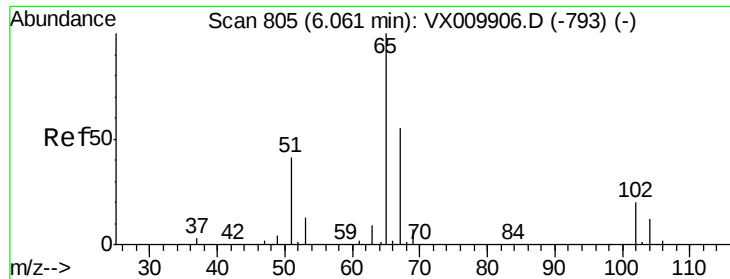
Ion Ratio Lower Upper

56 100

69 26.8 21.6 32.4

84 75.5 56.8 85.2

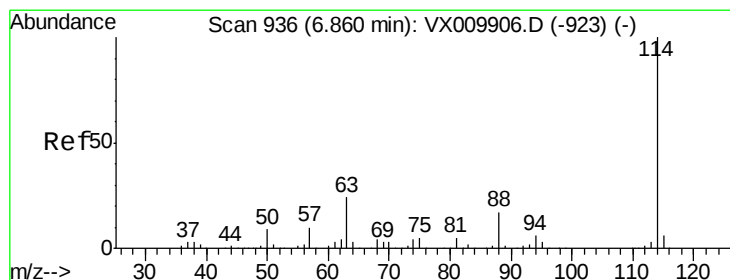
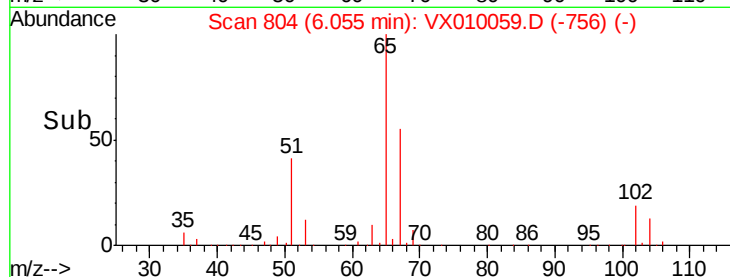
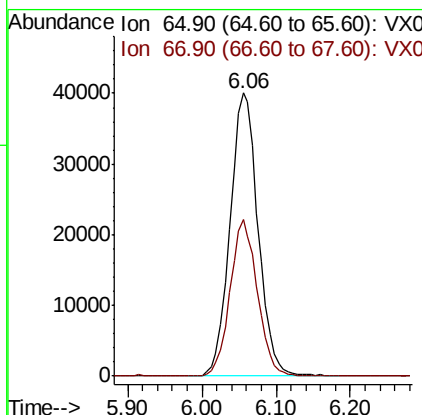
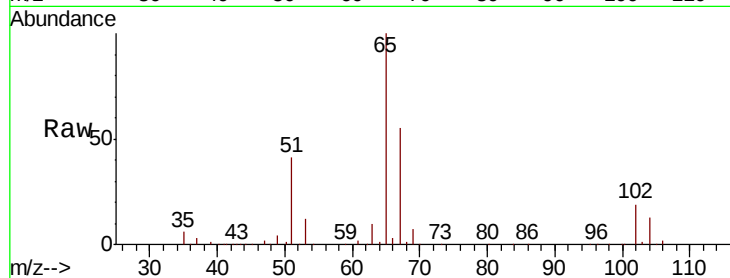




#33
 1,2-Dichloroethane-d4
 Concen: 45.787 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

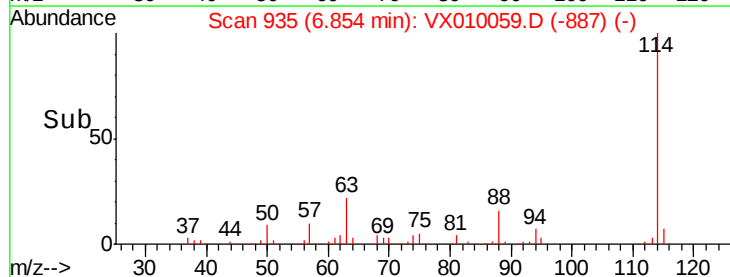
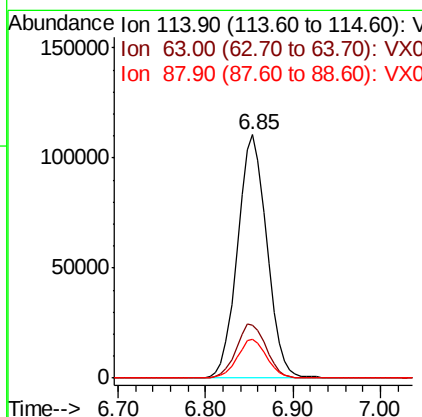
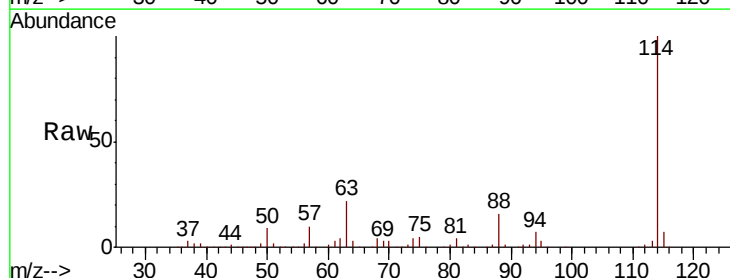
Instrument :
 MSVOA_X
 ClientSampleId :

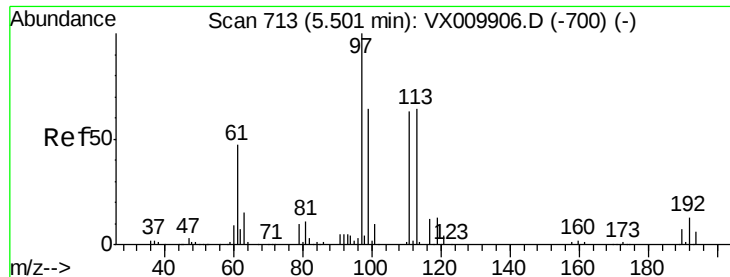
Tot Ion: 65 Resp: 105512
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

Tgt Ion: 114 Resp: 257943
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.4
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.946 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

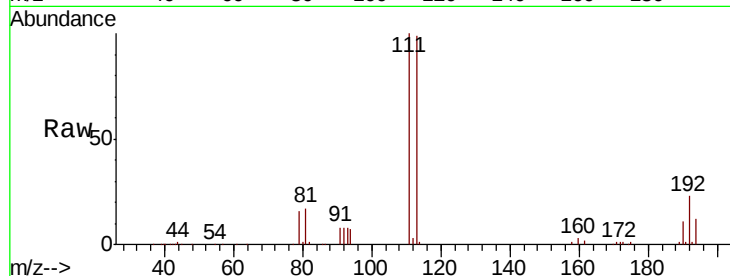
Tot Ion:113 Resp: 79376

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

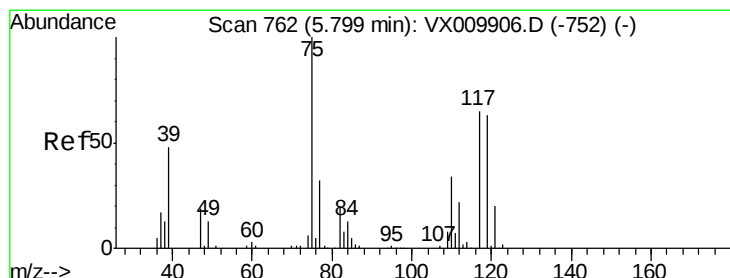
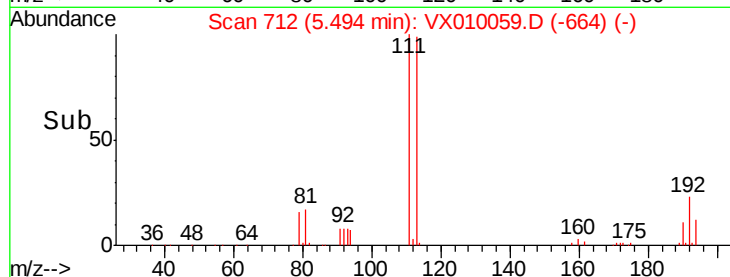
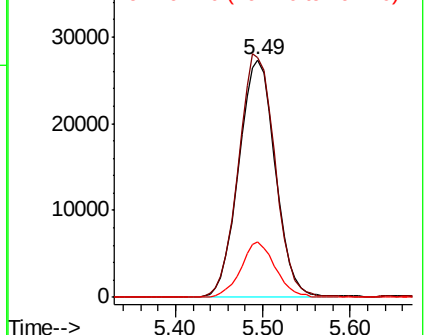
192 22.0 17.1 25.7



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: 4.757 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

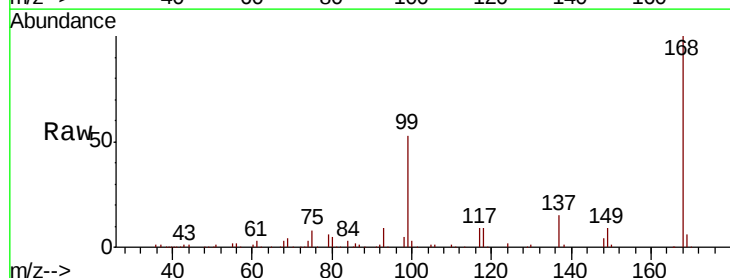
Tgt Ion: 75 Resp: 12450

Ion Ratio Lower Upper

75 100

110 9.1 16.7 50.1#

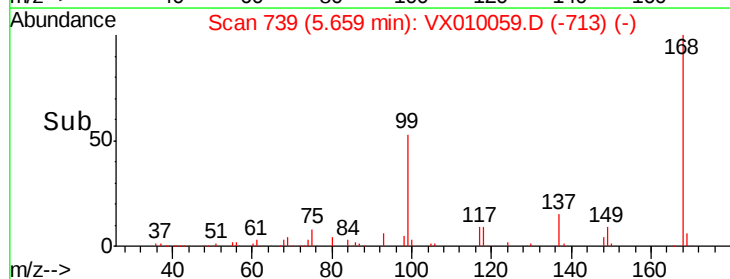
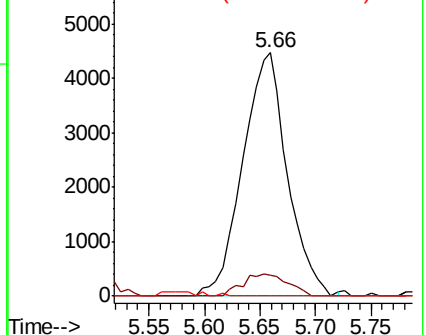
77 0.0 25.0 37.4#

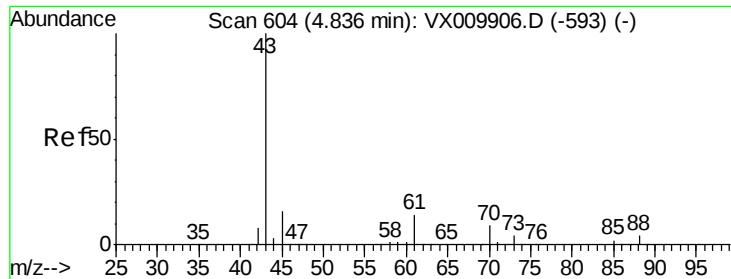


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

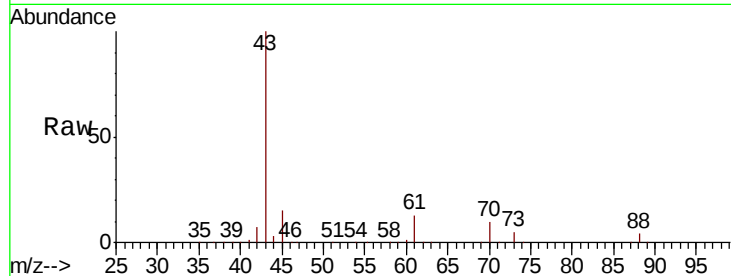




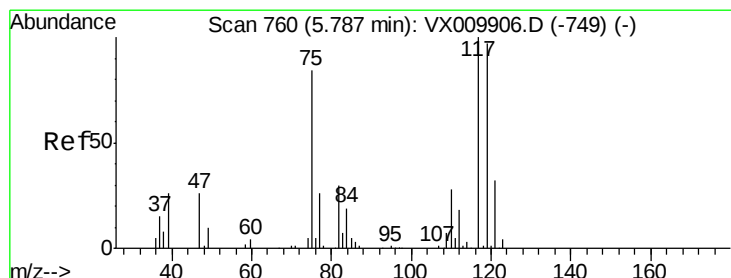
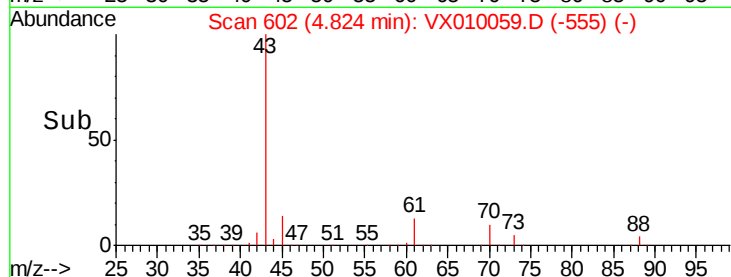
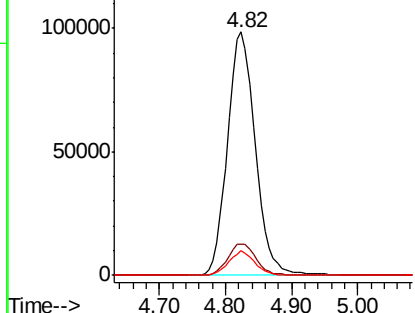
#37
Ethyl Acetate
Concen: 78.653 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 286818
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.2
70 9.5 7.4 11.2

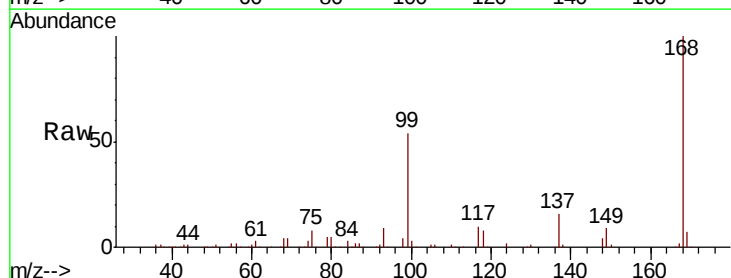


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

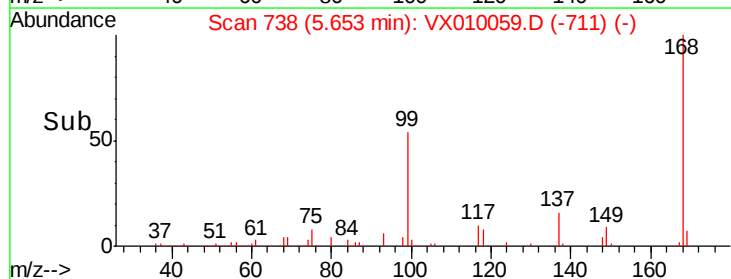
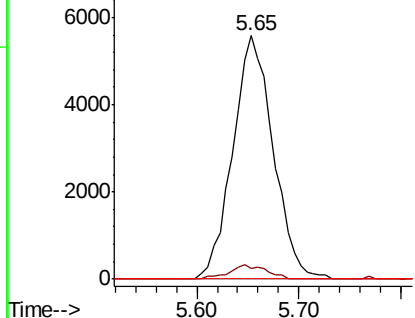


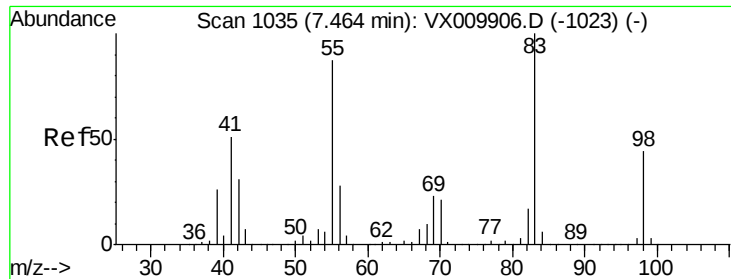
#38
Carbon Tetrachloride
Concen: 6.767 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion: 117 Resp: 15304
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 25.4 38.0#



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

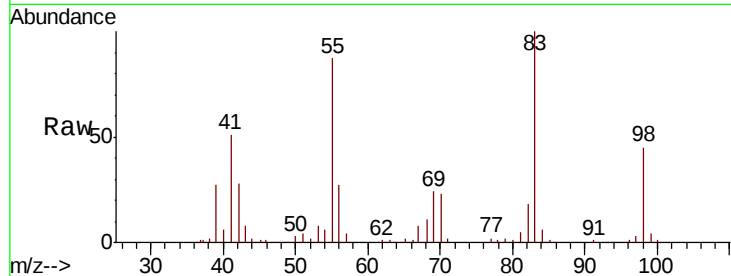




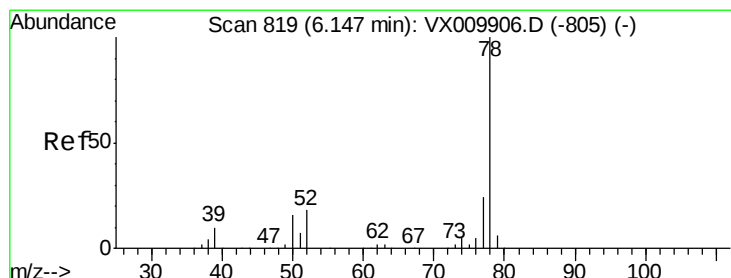
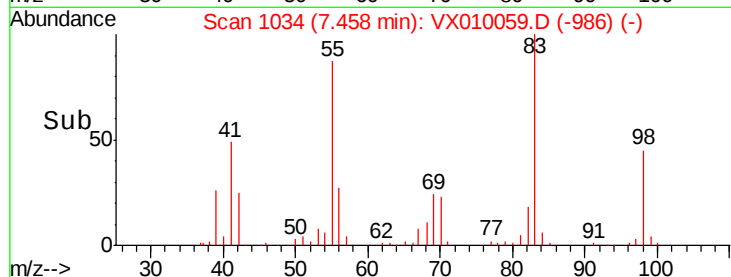
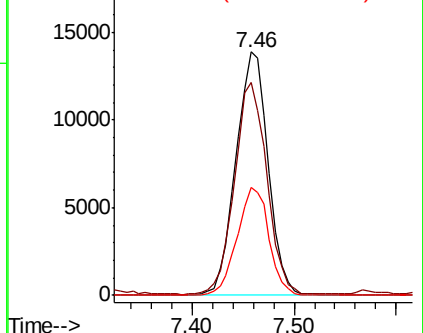
#39
Methvlcvclohexane
Concen: 9.805 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 30440
Ion Ratio Lower Upper
83 100
55 86.9 69.9 104.9
98 44.5 35.1 52.7

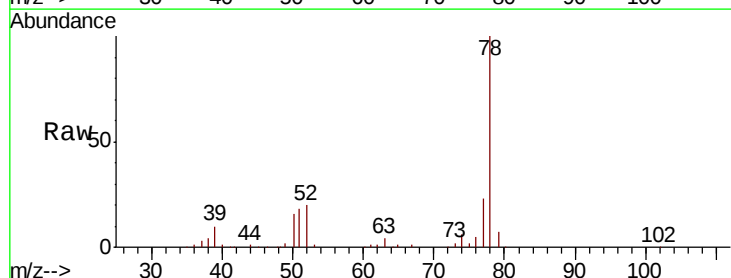


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

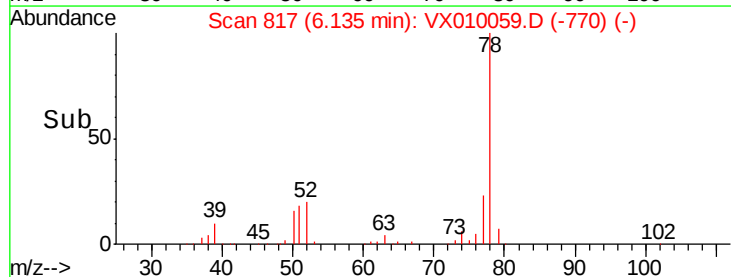
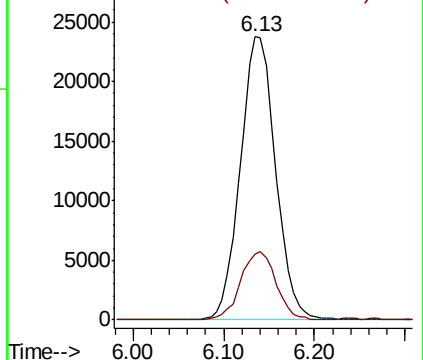


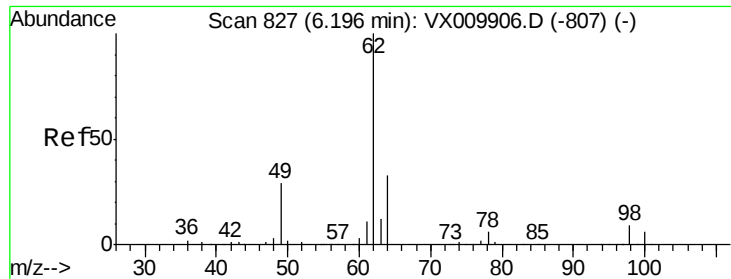
#40
Benzene
Concen: 8.248 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion: 78 Resp: 64034
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

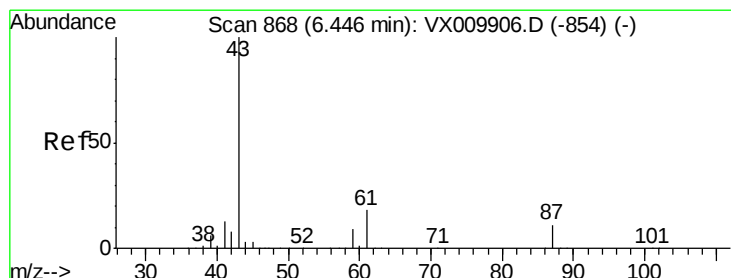
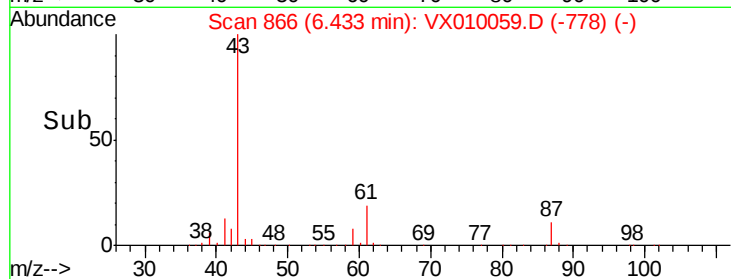
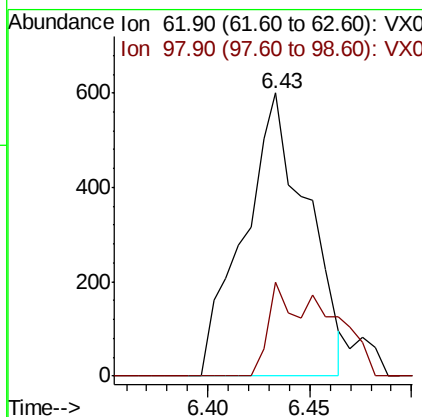
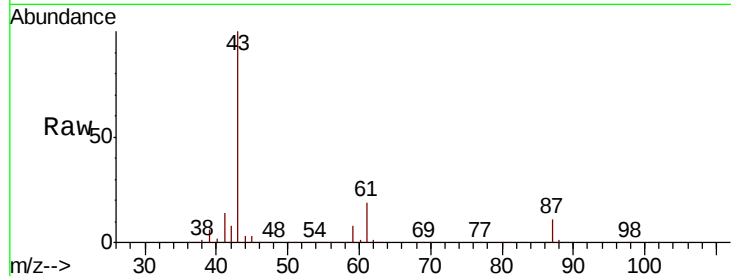




#42
 1,2-Dichloroethane
 Concen: 0.452 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. 0.24 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

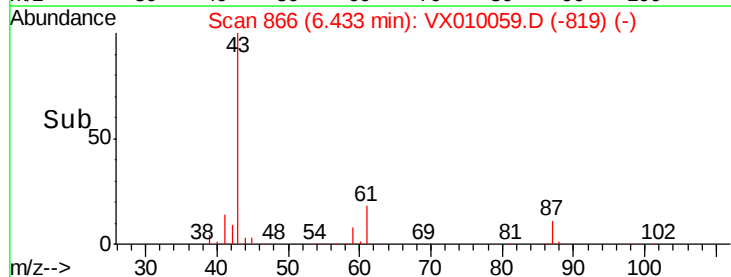
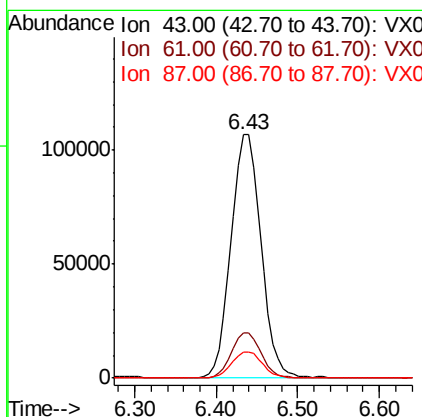
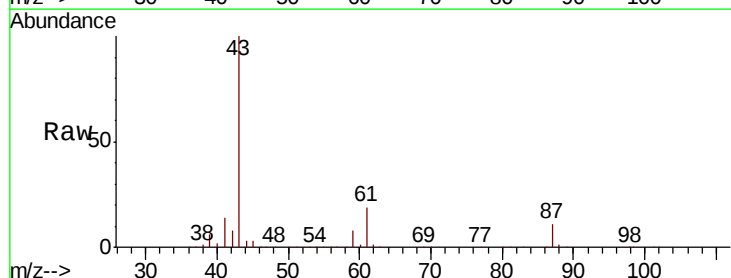
Instrument :
 MSVOA_X
 ClientSampleId :

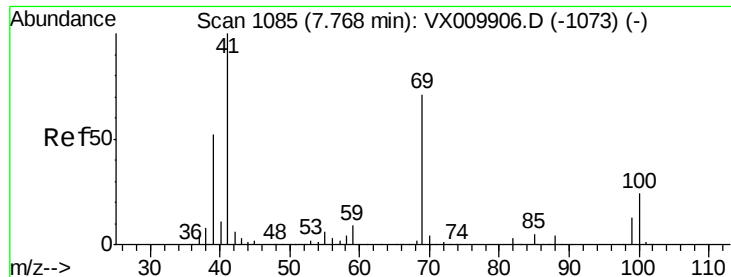
Tot Ion: 62 Resp: 1296
 Ion Ratio Lower Upper
 62 100
 98 14.5 0.0 17.2



#43
 Isopropyl Acetate
 Concen: 46.101 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

Tgt Ion: 43 Resp: 271260
 Ion Ratio Lower Upper
 43 100
 61 18.5 14.6 21.8
 87 11.1 8.7 13.1

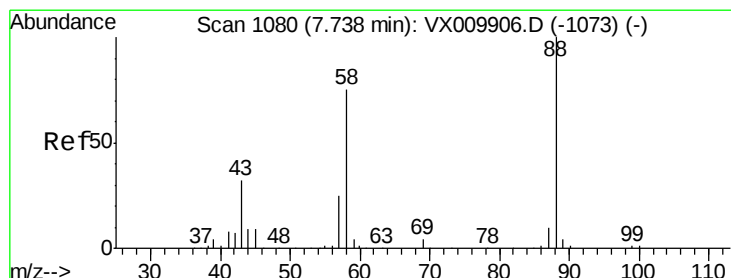
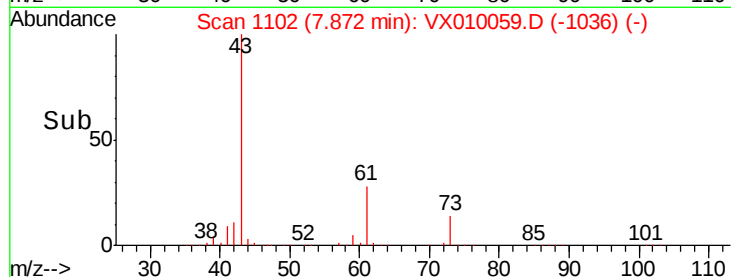
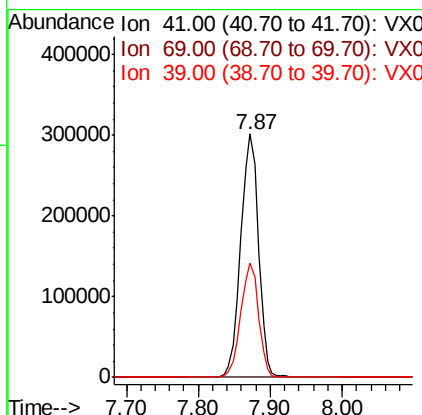
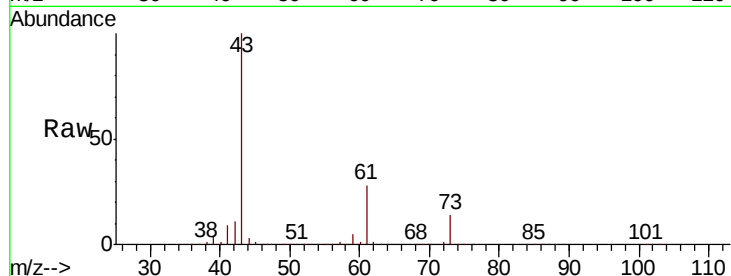




#48
Methvl methacrylate
Concen: 176.984 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.10 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

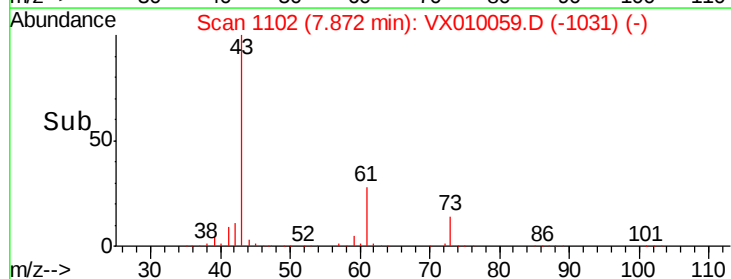
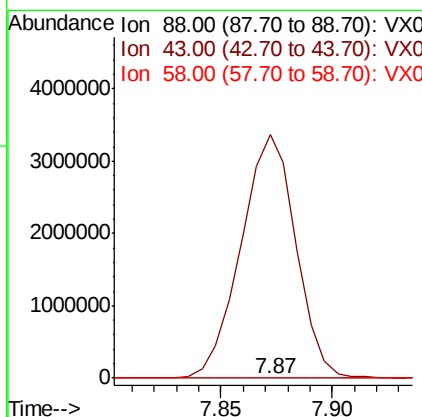
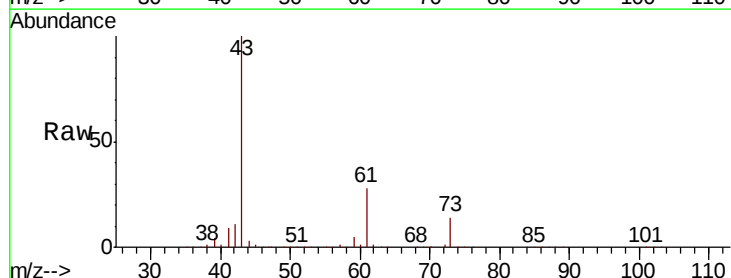
Instrument :
MSVOA_X
ClientSampleId :

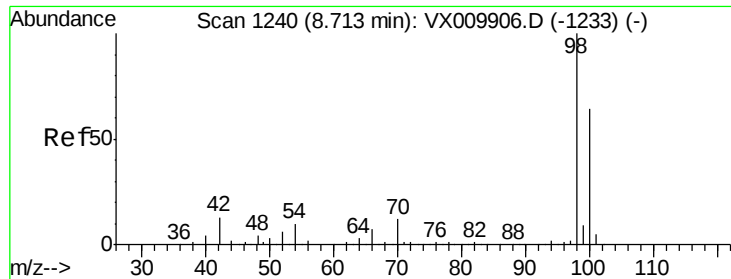
Tot Ion: 41 Resp: 515517
Ion Ratio Lower Upper
41 100
69 0.2 56.4 84.6#
39 47.0 40.6 60.8



#49
1,4-Dioxane
Concen: 13.972 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion: 88 Resp: 757
Ion Ratio Lower Upper
88 100
43 767026.9 30.2 45.4#
58 2637.0 64.0 96.0#





#50

Toluene-d8

Concen: 49.476 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

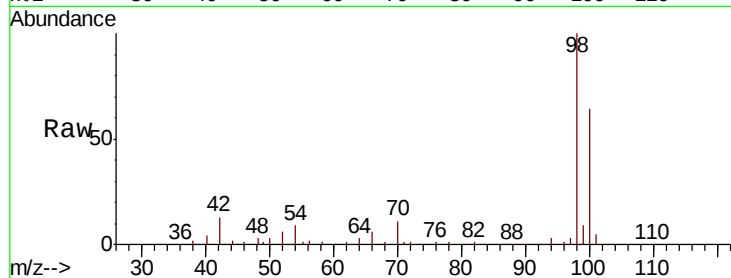
ClientSampleId :

Tot Ion: 98 Resp: 325816

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

200000

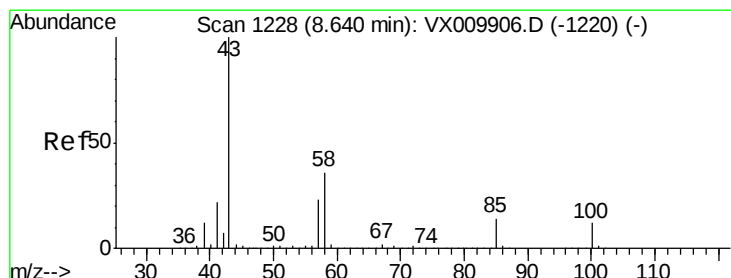
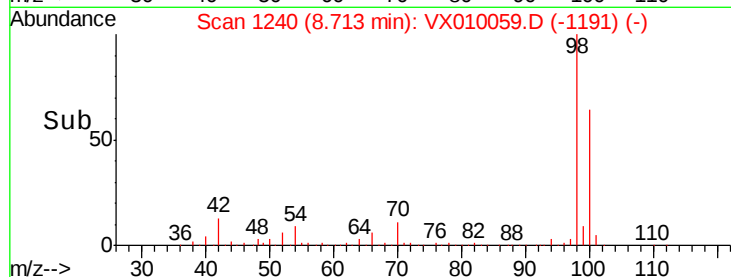
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.443 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010059.D

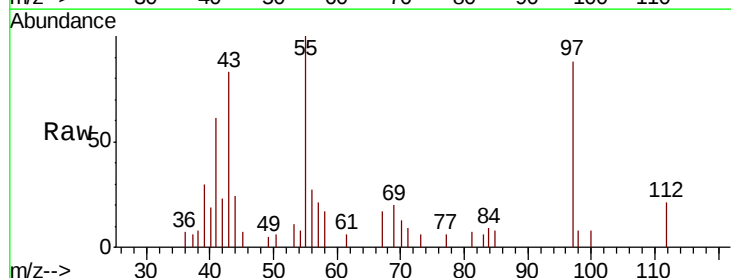
Acq: 04 Jun 2019 15:39

Tgt Ion: 43 Resp: 1695

Ion Ratio Lower Upper

43 100

58 19.4 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

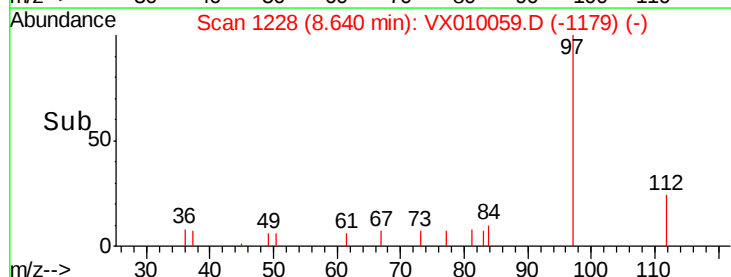
1500

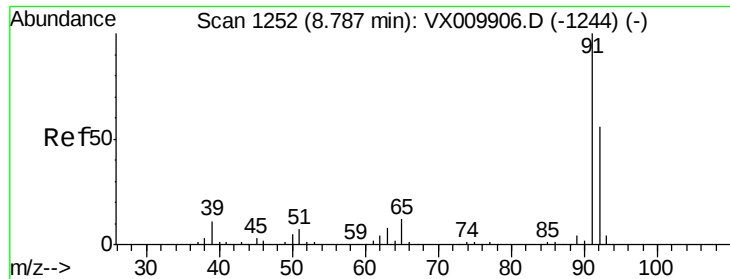
1000

500

0

Time-->





#52

Toluene

Concen: 28.101 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

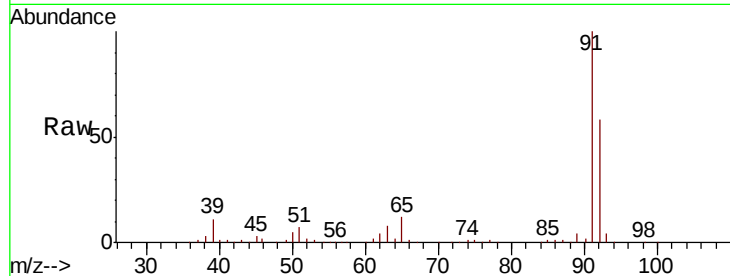
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 132462

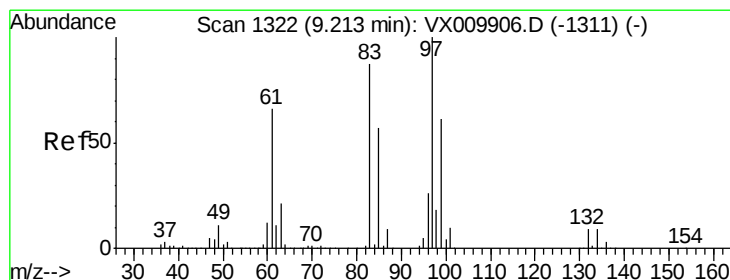
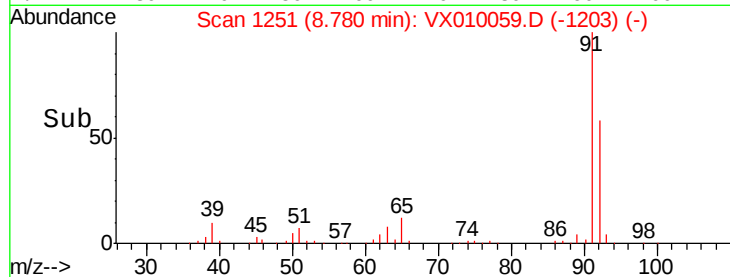
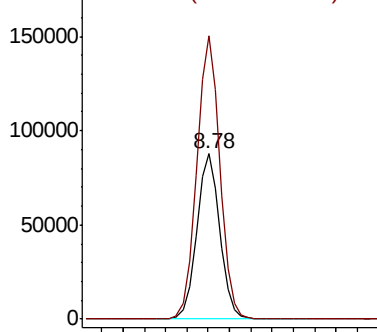
Ion Ratio Lower Upper

92 100

91 172.6 139.9 209.9



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: 1.603 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Tgt Ion: 97 Resp: 3041

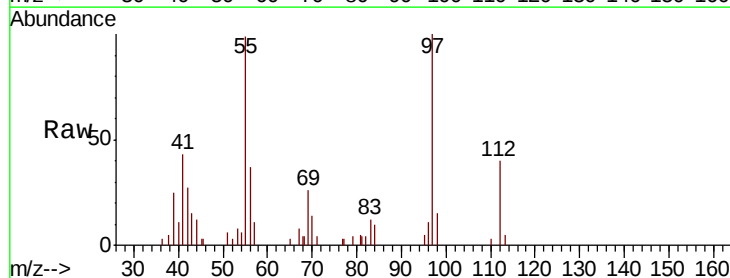
Ion Ratio Lower Upper

97 100

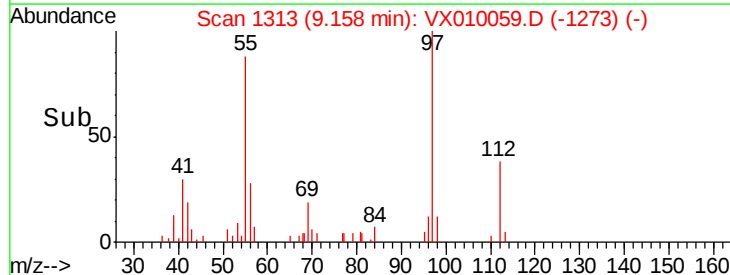
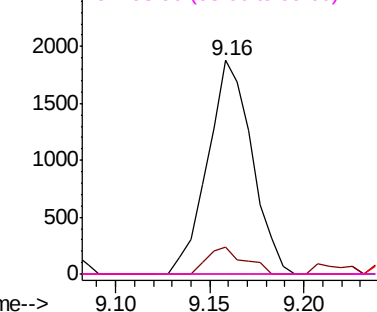
83 12.5 69.8 104.8#

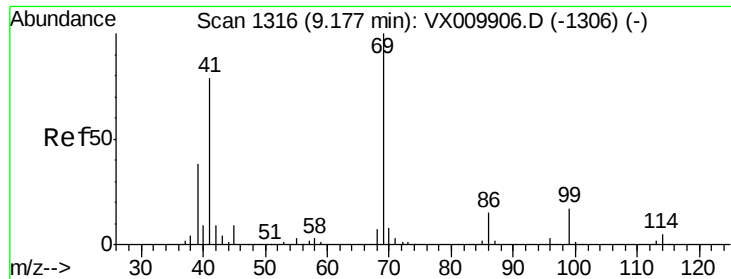
85 0.0 45.3 67.9#

99 0.0 49.0 73.4#



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





#56

Ethyl methacrylate

Concen: 0.287 ug/l

RT: 9.16 min Scan# 1314

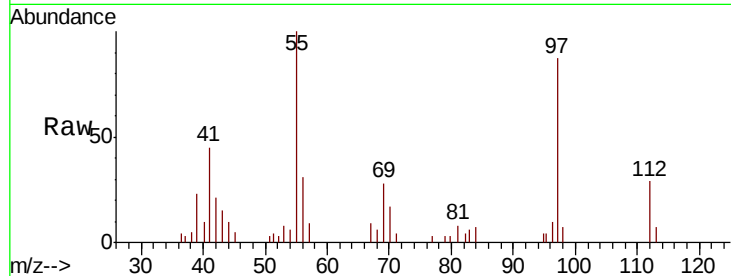
Delta R.T. -0.01 min

Lab File: VX010059.D

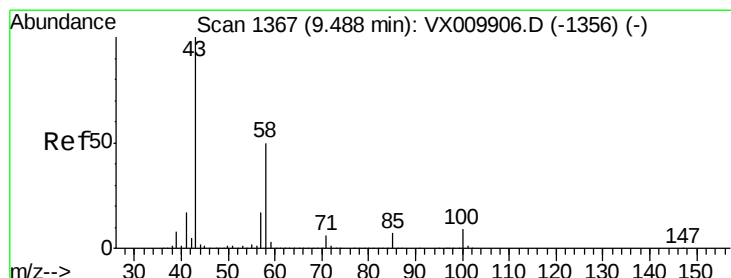
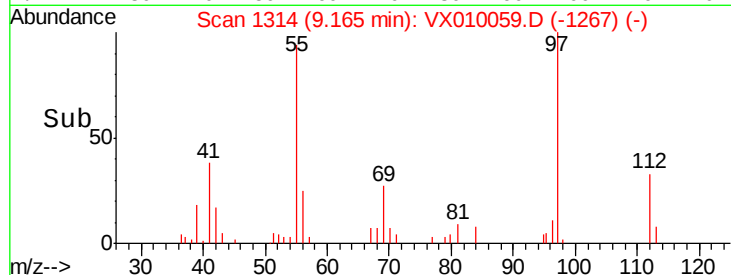
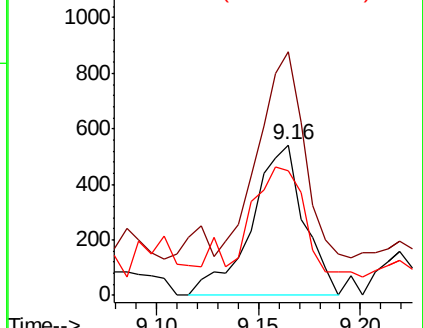
Acq: 04 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	969
Ion	Ratio	Lower	Upper
69	100		
41	117.1	62.7	94.1#
39	78.8	29.5	44.3#



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



#59

2-Hexanone

Concen: 0.278 ug/l

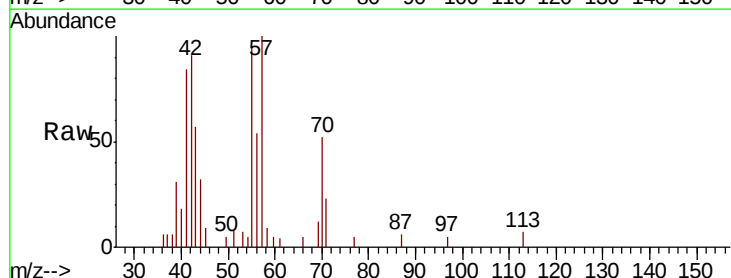
RT: 9.29 min Scan# 1335

Delta R.T. -0.20 min

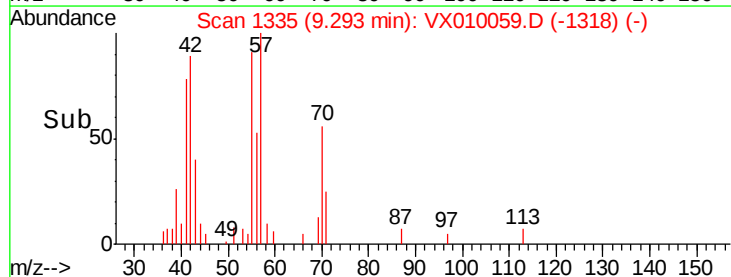
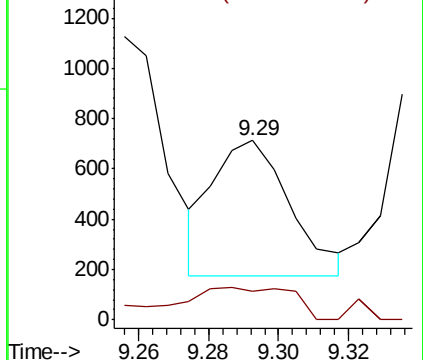
Lab File: VX010059.D

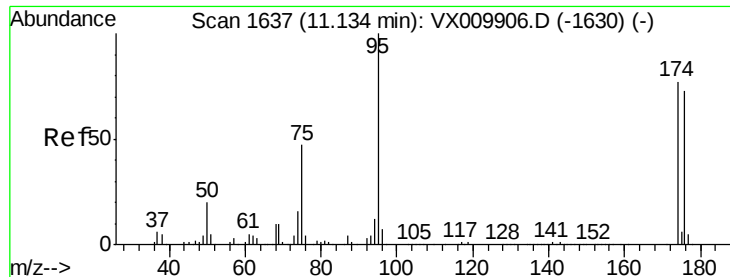
Acq: 04 Jun 2019 15:39

Tgt Ion:	43	Resp:	820
Ion	Ratio	Lower	Upper
43	100		
58	37.7	25.1	75.3



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





#62

4-Bromofluorobenzene

Concen: 47.303 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampled :

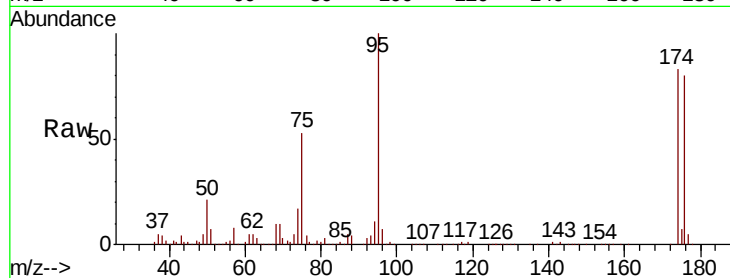
Tot Ion: 95 Resp: 111887

Ion Ratio Lower Upper

95 100

174 83.8 0.0 160.4

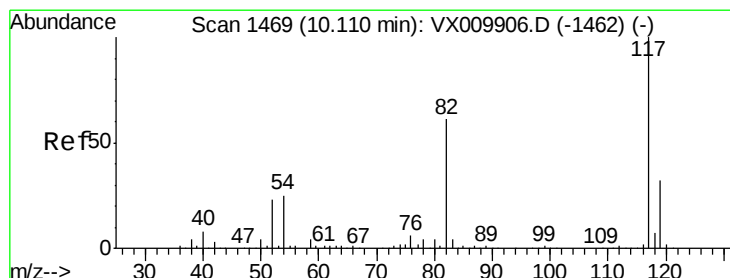
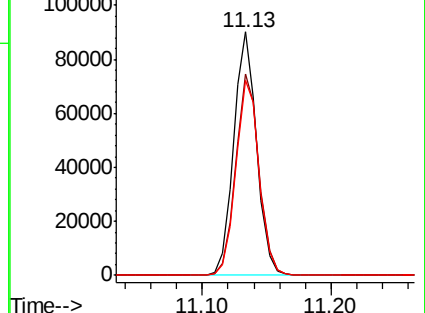
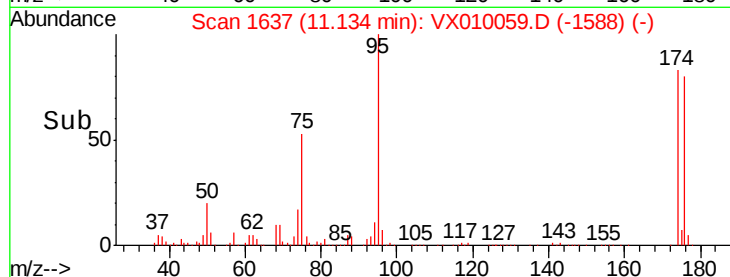
176 81.2 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

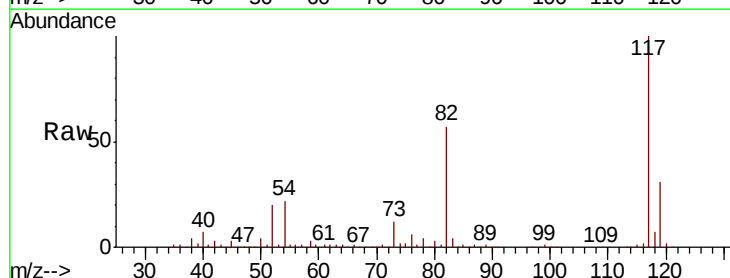
Tgt Ion: 117 Resp: 231322

Ion Ratio Lower Upper

117 100

82 57.3 49.2 73.8

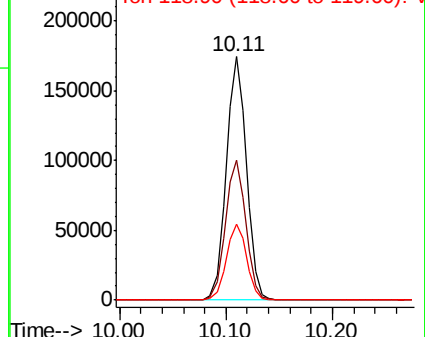
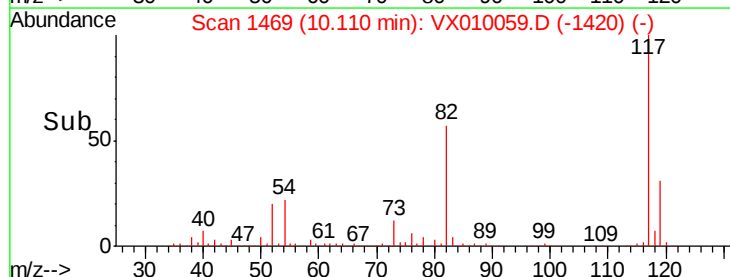
119 31.3 25.2 37.8

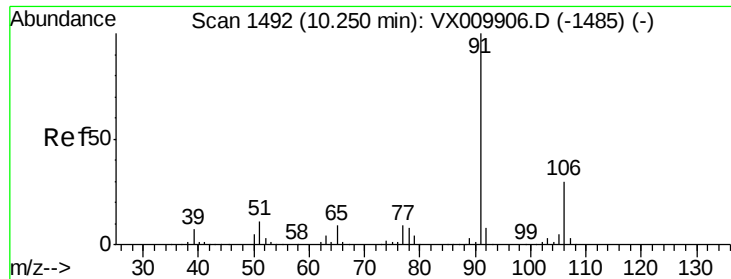


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

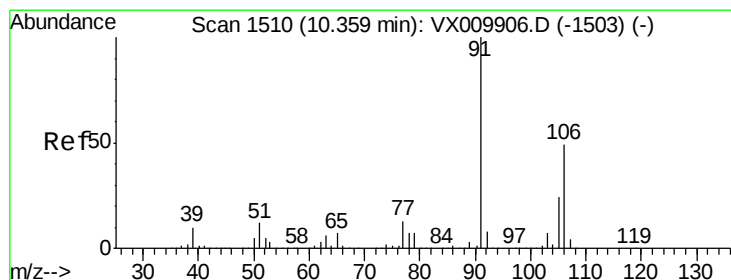
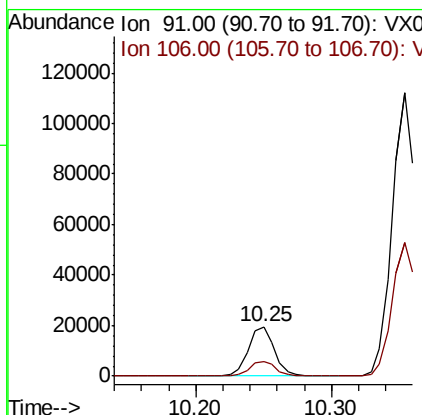
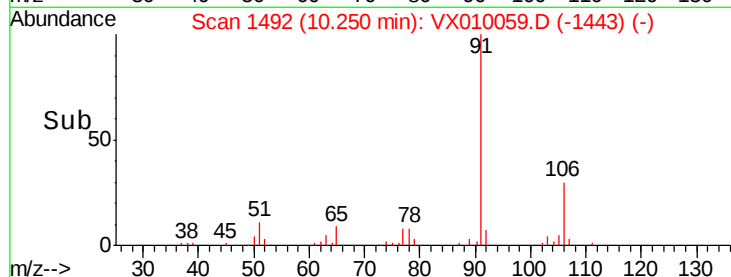
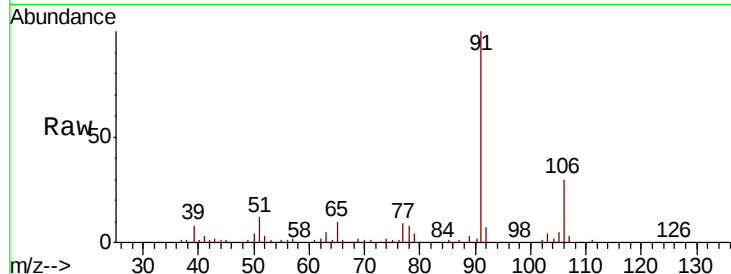




#67
Ethyl Benzene
Concen: 3.047 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

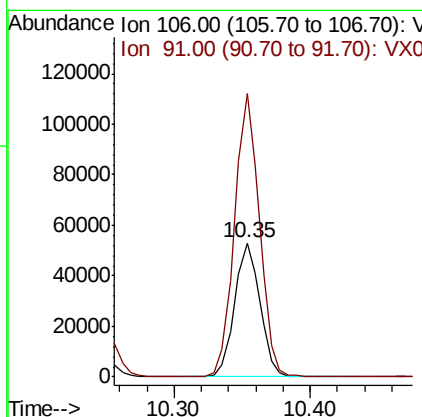
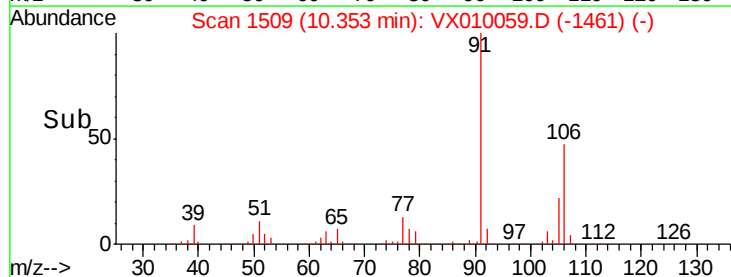
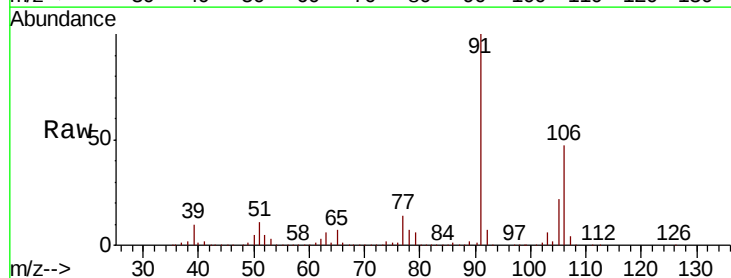
Instrument :
MSVOA_X
ClientSampleId :

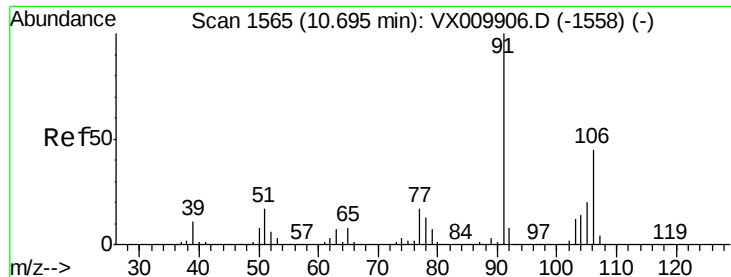
Tot Ion: 91 Resp: 26498
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9



#68
m/p-Xylenes
Concen: 21.380 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion: 106 Resp: 68679
Ion Ratio Lower Upper
106 100
91 207.8 167.3 250.9

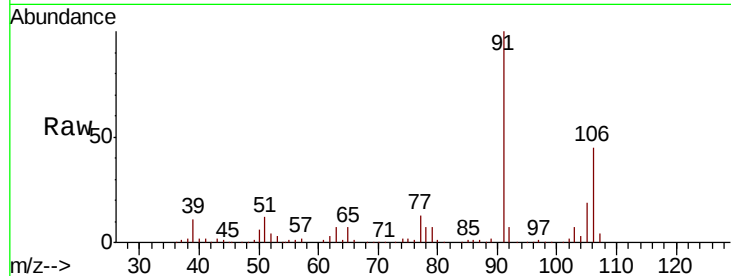




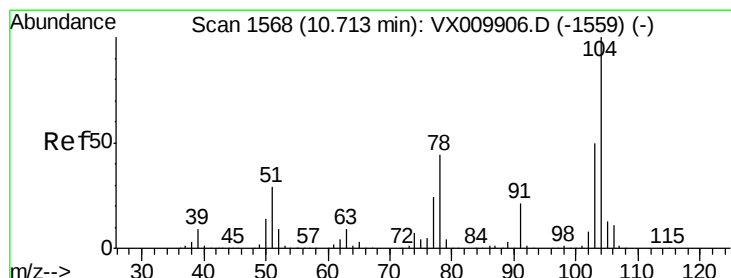
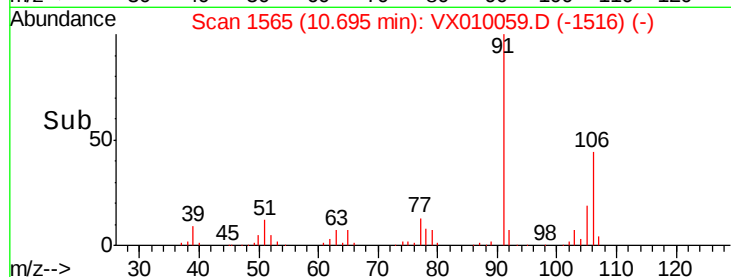
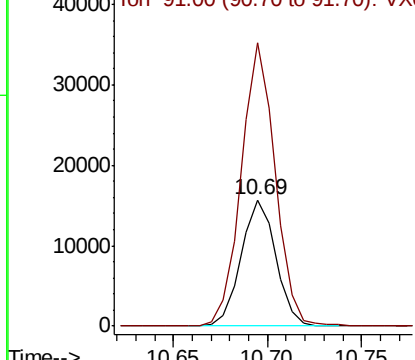
#69
o-Xylene
Concen: 6.524 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 20100
Ion Ratio Lower Upper
106 100
91 219.9 110.4 331.2

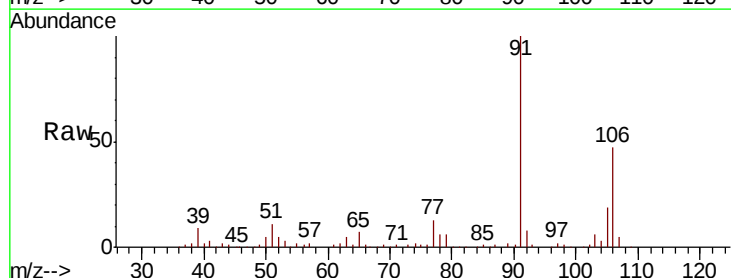


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

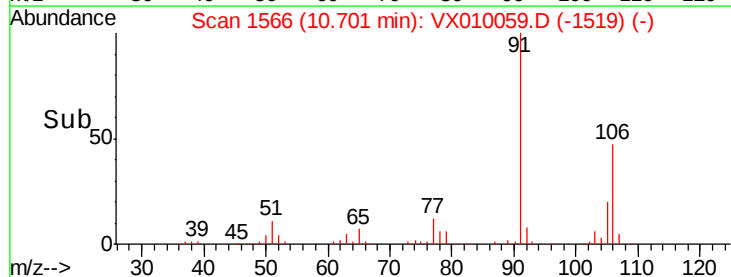
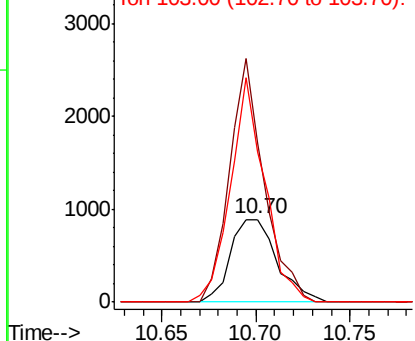


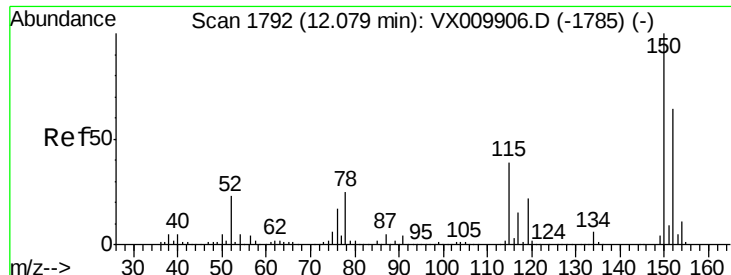
#70
Styrene
Concen: 0.282 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion:104 Resp: 1526
Ion Ratio Lower Upper
104 100
78 218.5 42.1 63.1#
103 199.7 44.1 66.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

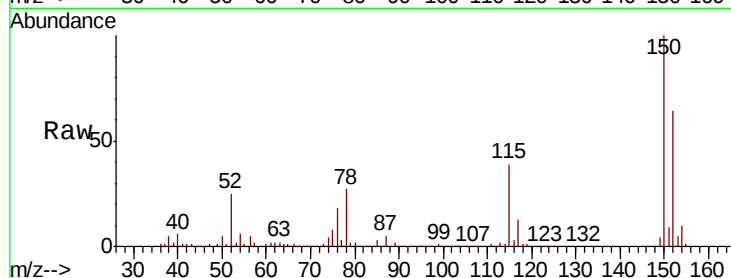
Tot Ion:152 Resp: 106970

Ion Ratio Lower Upper

152 100

115 58.3 41.4 124.2

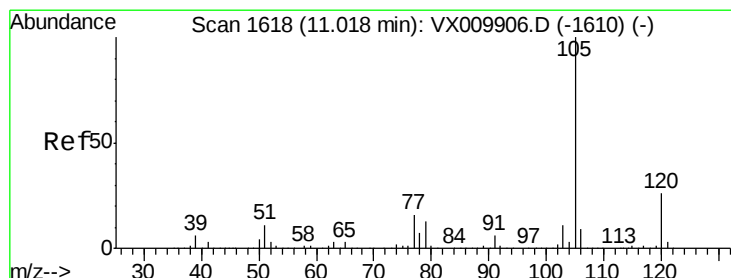
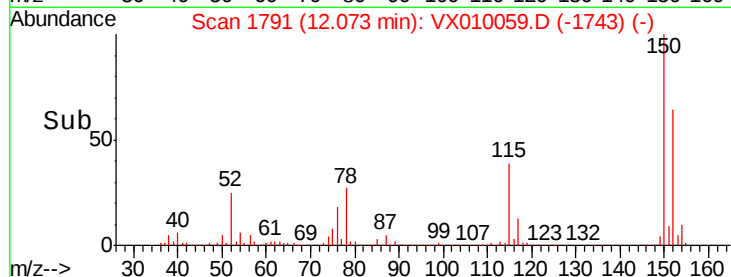
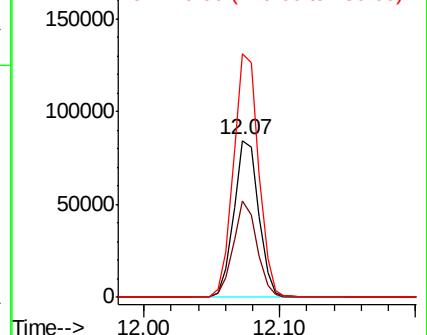
150 157.5 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.696 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX010059.D

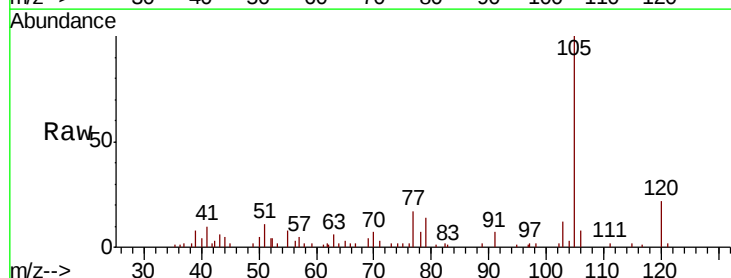
Acq: 04 Jun 2019 15:39

Tgt Ion:105 Resp: 5491

Ion Ratio Lower Upper

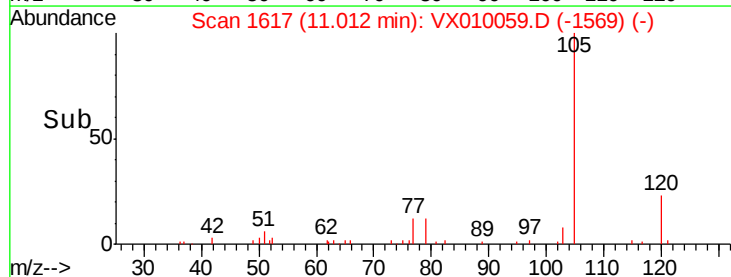
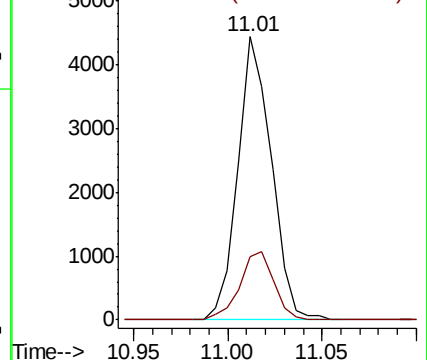
105 100

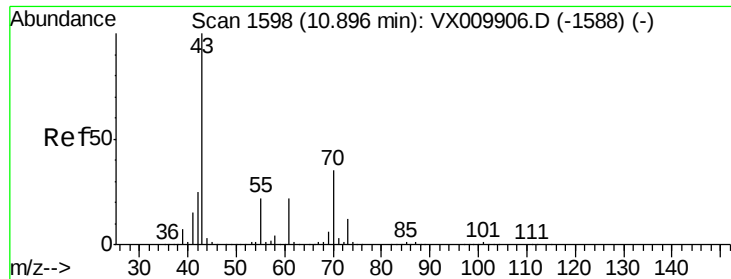
120 24.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.425 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 2006

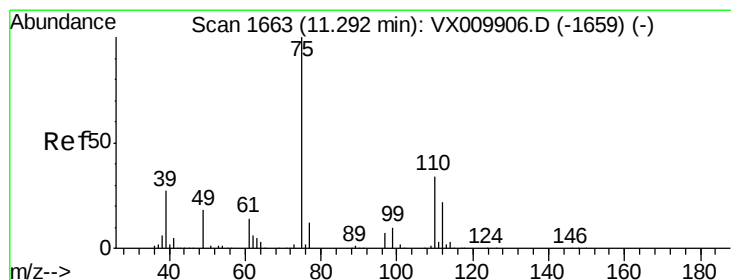
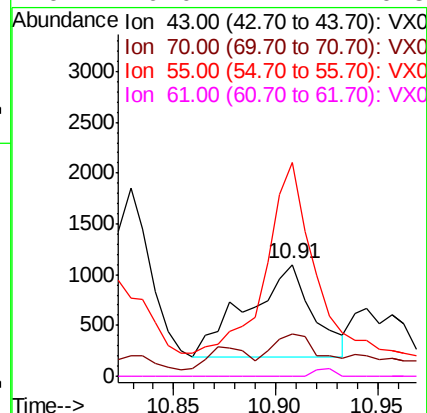
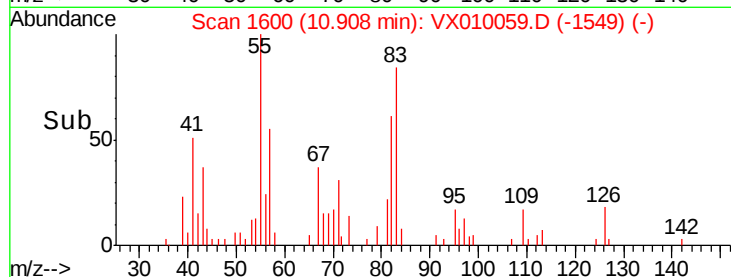
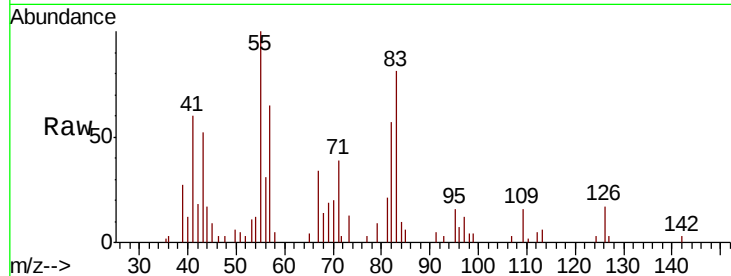
Ion Ratio Lower Upper

43 100

70 17.3 28.6 43.0#

55 160.2 17.8 26.8#

61 0.0 17.7 26.5#



#76

1,2,3-Trichloropropane

Concen: 22.593 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010059.D

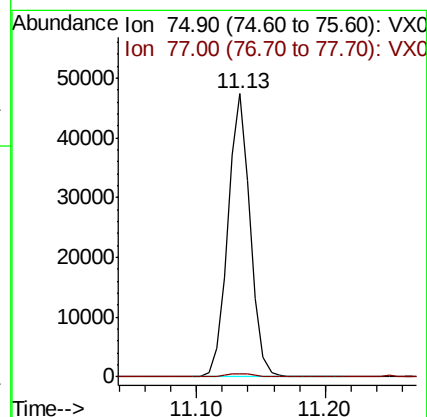
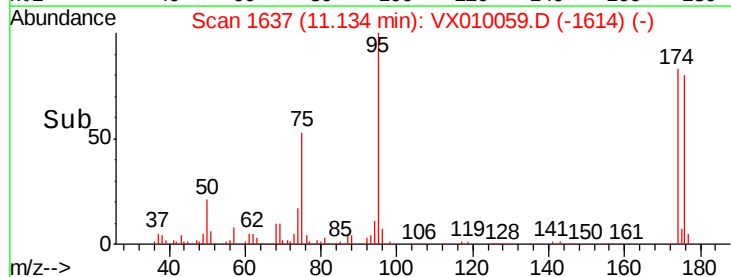
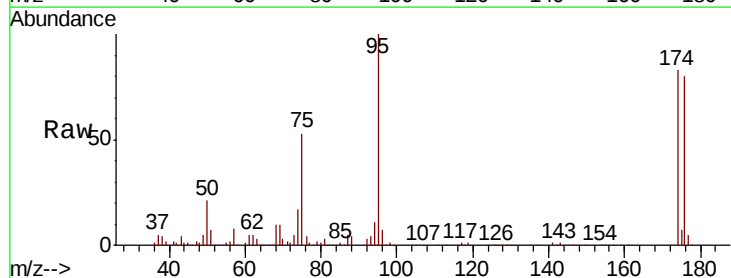
Acq: 04 Jun 2019 15:39

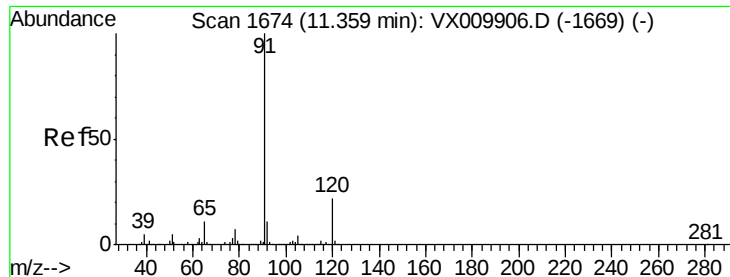
Tgt Ion: 75 Resp: 57792

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#





#78

n-propylbenzene

Concen: 0.732 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

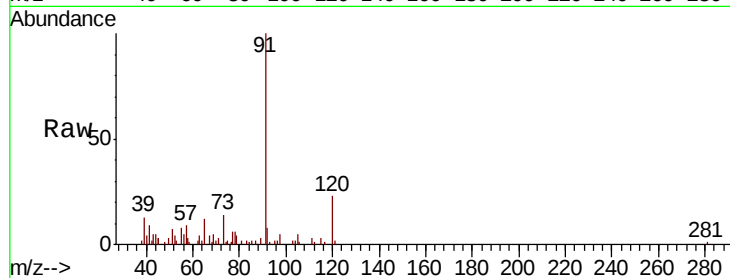
ClientSampleId :

Tot Ion: 91 Resp: 6656

Ion Ratio Lower Upper

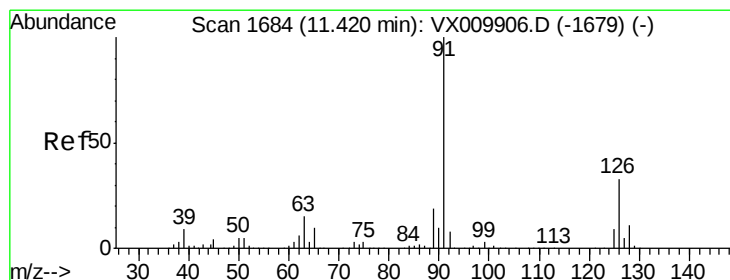
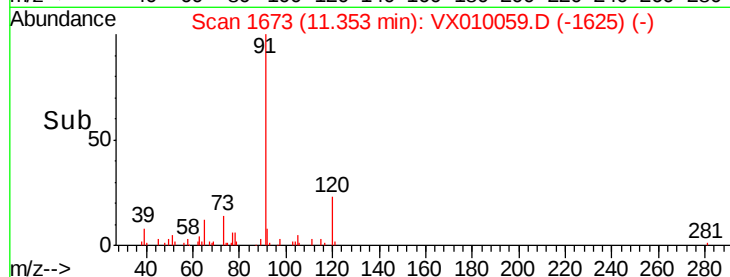
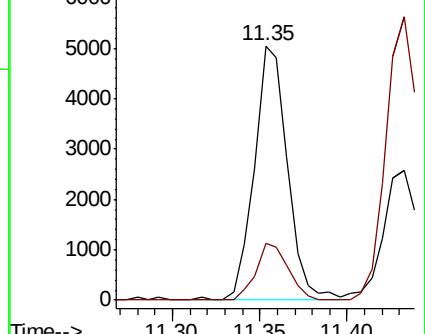
91 100

120 21.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.829 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010059.D

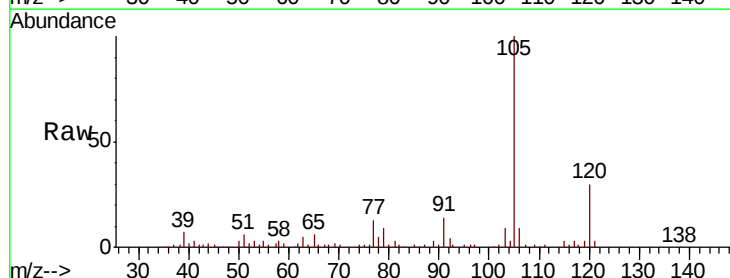
Acq: 04 Jun 2019 15:39

Tgt Ion: 91 Resp: 4610

Ion Ratio Lower Upper

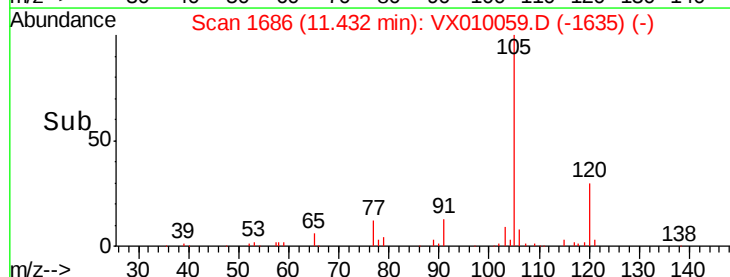
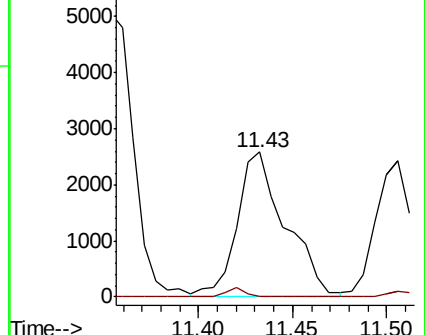
91 100

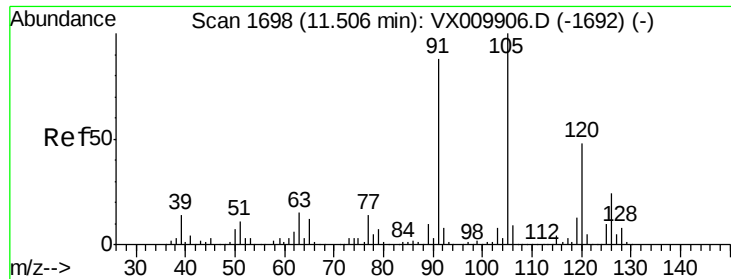
126 2.4 16.1 48.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

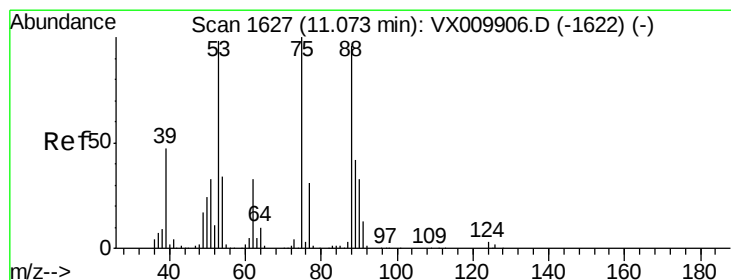
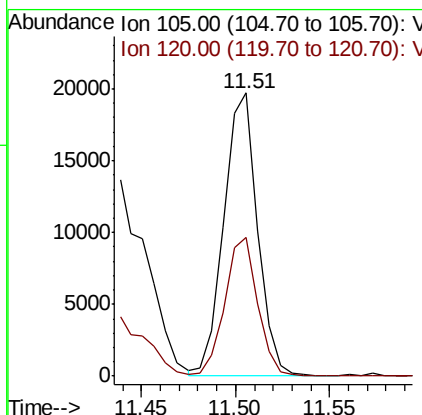
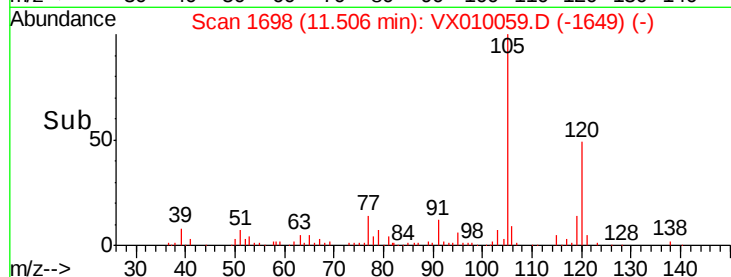
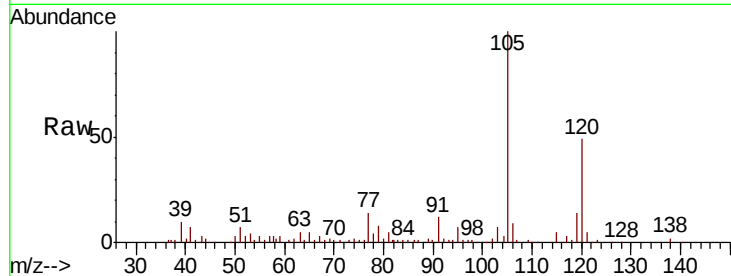




#80
 1,3,5-Trimethylbenzene
 Concen: 3.645 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

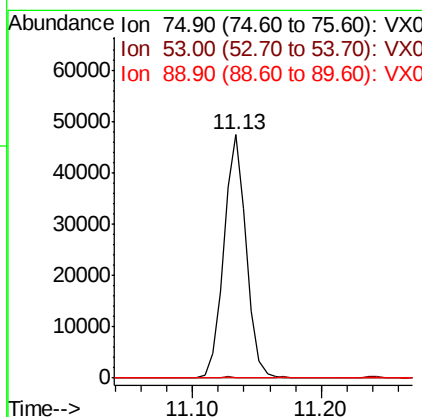
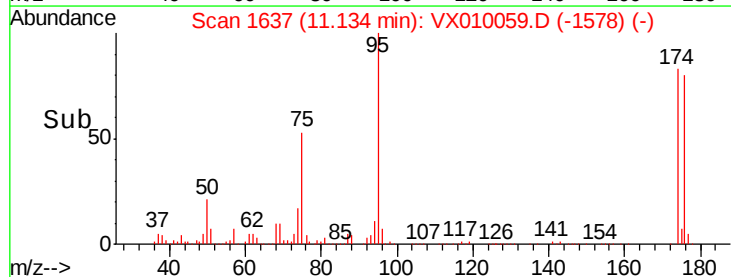
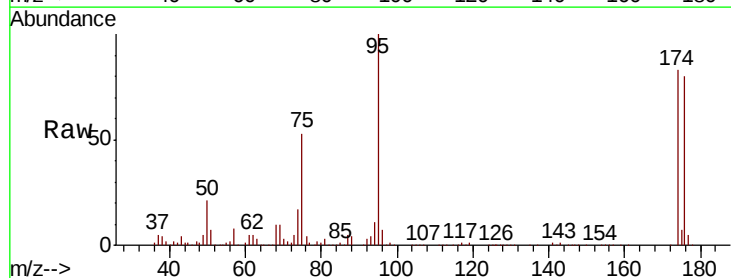
Instrument :
 MSVOA_X
 ClientSampleId :

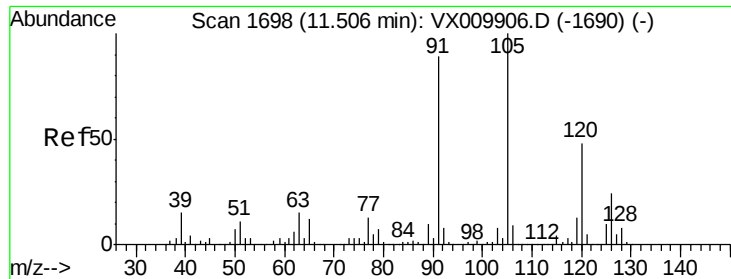
Tot Ion:105 Resp: 24238
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.898 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

Tgt Ion: 75 Resp: 57792
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.8 119.6#
 89 0.1 34.2 51.4#

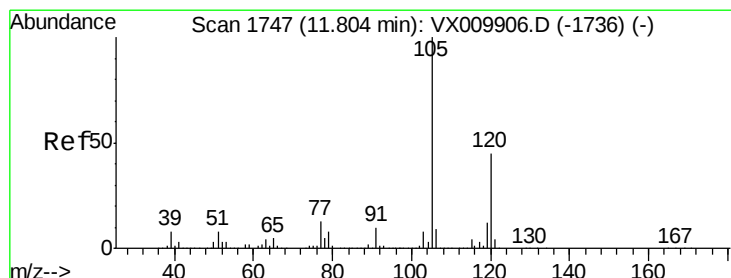
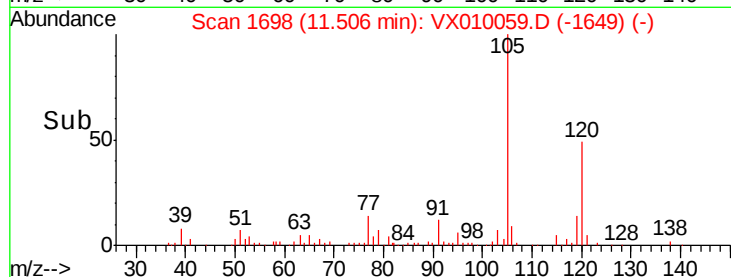
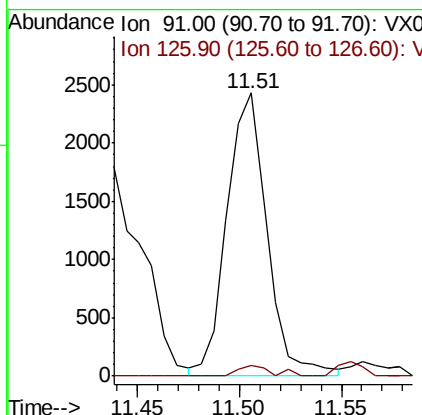
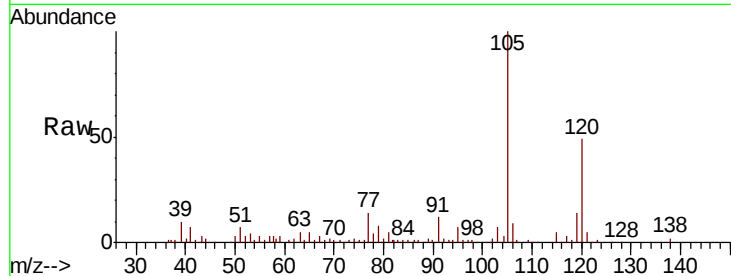




#82
4-Chlorotoluene
Concen: 0.512 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

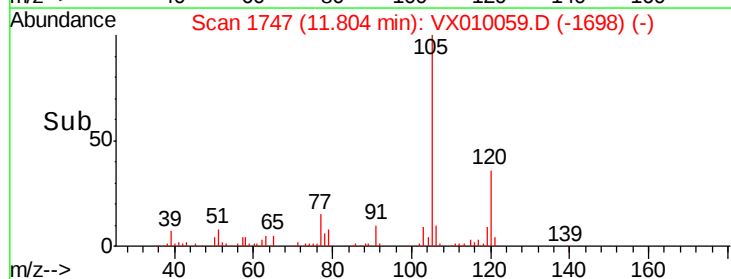
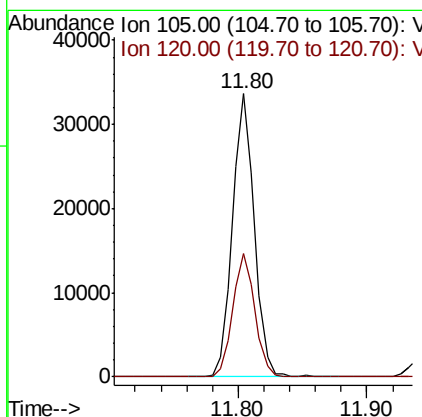
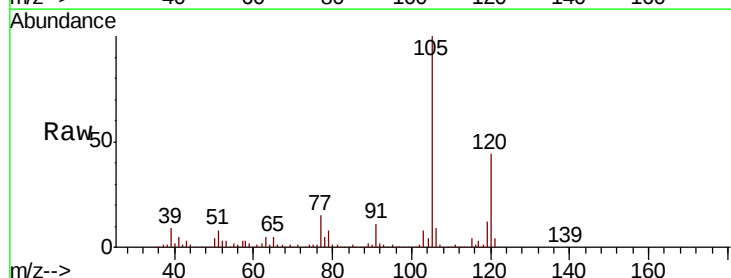
Instrument :
MSVOA_X
ClientSampled :

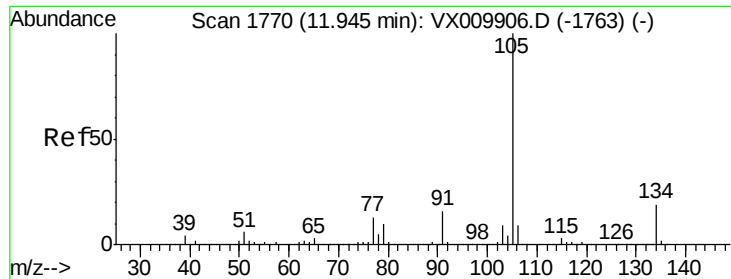
Tot Ion: 91 Resp: 3316
Ion Ratio Lower Upper
91 100
126 3.0 14.2 42.6#



#84
1,2,4-Trimethylbenzene
Concen: 5.914 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010059.D
Acq: 04 Jun 2019 15:39

Tgt Ion:105 Resp: 39937
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1

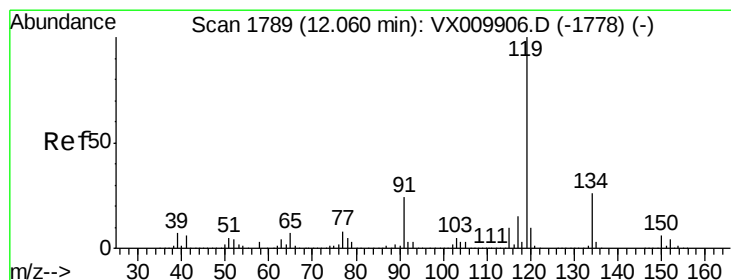
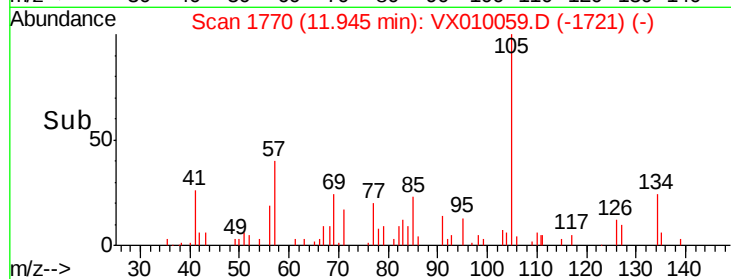
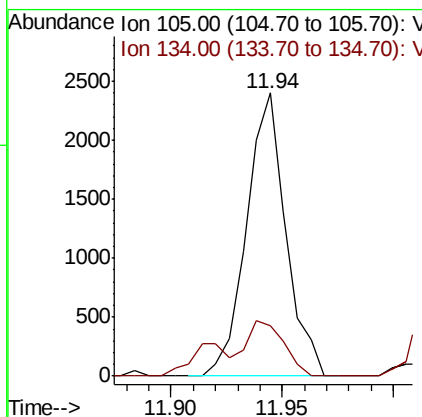
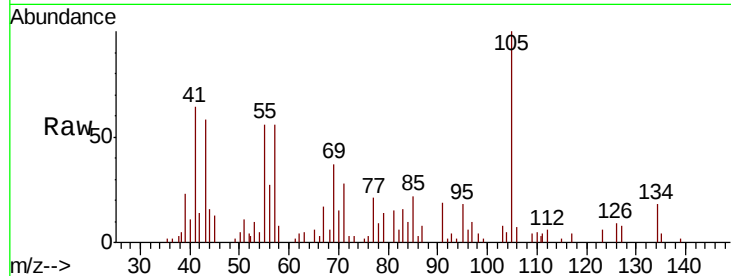




#85
 sec-Butylbenzene
 Concen: 0.390 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

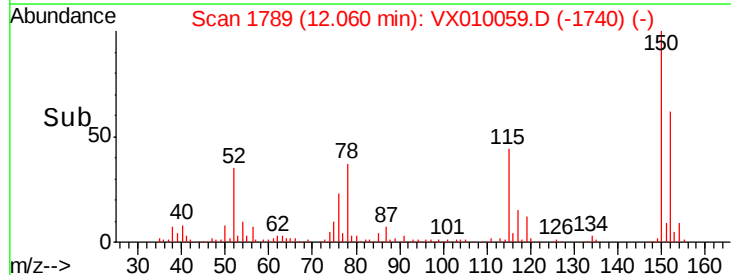
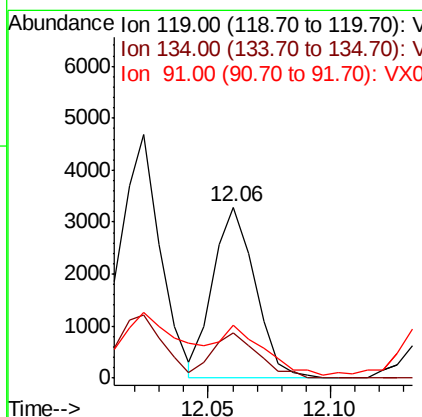
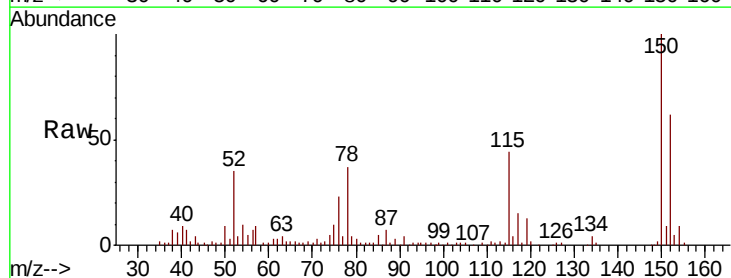
Instrument :
 MSVOA_X
 ClientSampled :

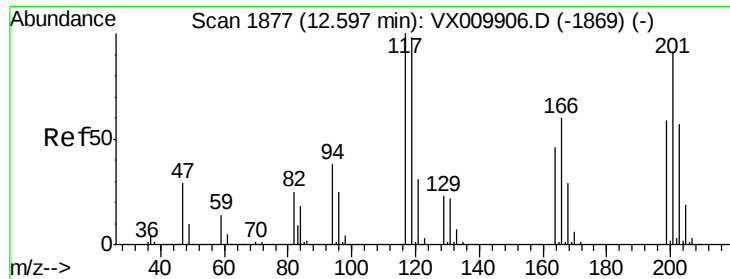
Tot Ion:105 Resp: 2955
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.578 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010059.D
 Acq: 04 Jun 2019 15:39

Tgt Ion:119 Resp: 3933
 Ion Ratio Lower Upper
 119 100
 134 28.9 12.9 38.6
 91 30.5 11.9 35.9





#90

Hexachloroethane

Concen: 0.524 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

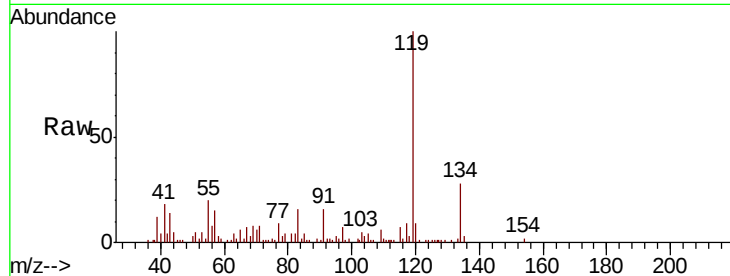
ClientSampled :

Tot Ion:117 Resp: 612

Ion Ratio Lower Upper

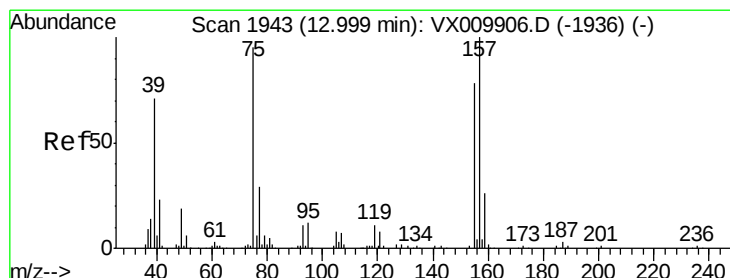
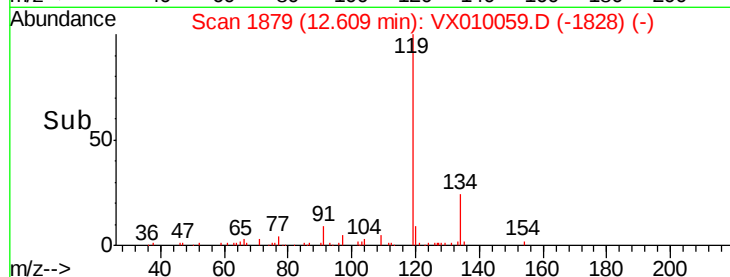
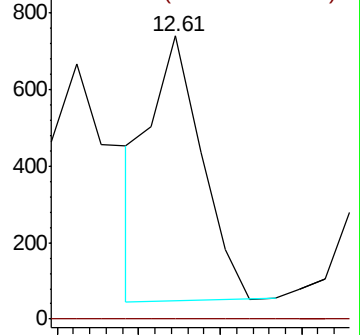
117 100

201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.291 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

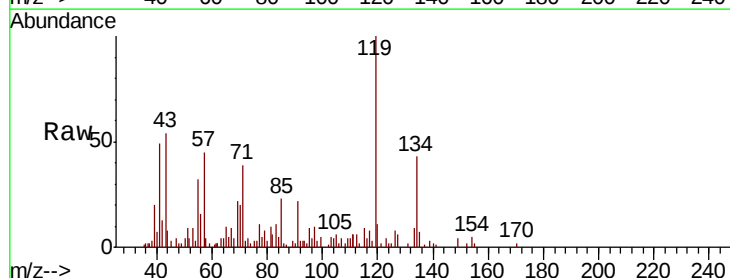
Tgt Ion: 75 Resp: 202

Ion Ratio Lower Upper

75 100

155 63.9 39.3 117.8

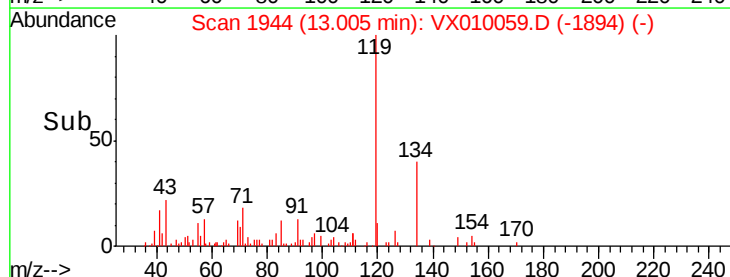
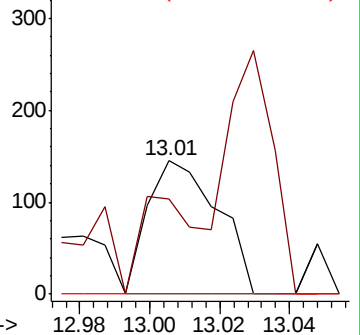
157 0.0 50.6 151.8#

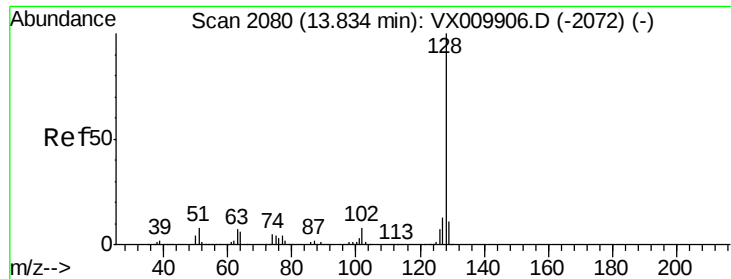


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 3.013 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

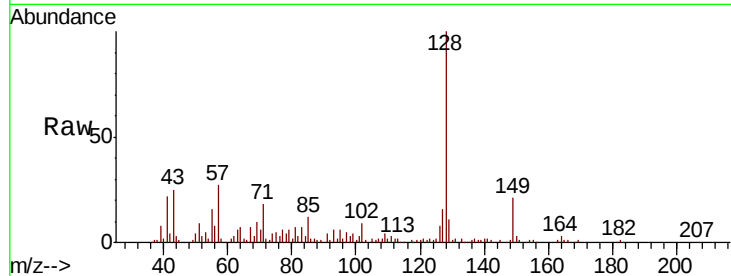
Tot Ion:128 Resp: 23658

Ion Ratio Lower Upper

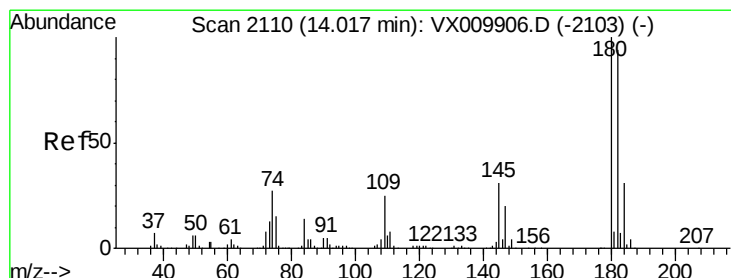
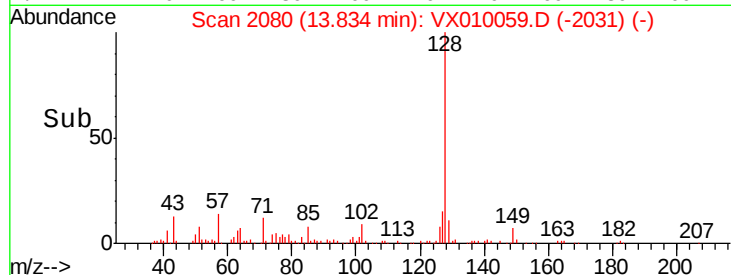
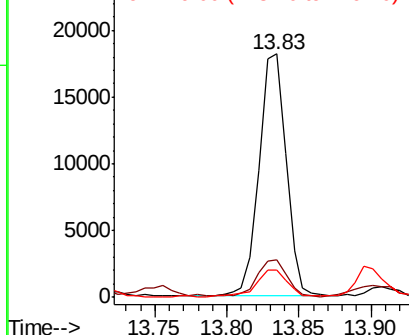
128 100

127 16.4 10.6 16.0#

129 12.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.255 ug/l

RT: 14.03 min Scan# 2112

Delta R.T. 0.01 min

Lab File: VX010059.D

Acq: 04 Jun 2019 15:39

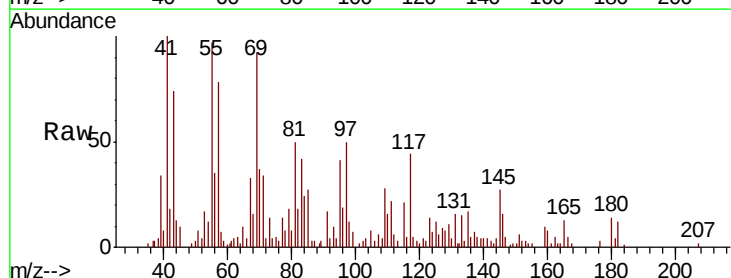
Tgt Ion:180 Resp: 643

Ion Ratio Lower Upper

180 100

182 224.6 47.3 142.0#

145 186.2 15.6 46.7#



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

