

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010057.D
 Acq On : 04 Jun 2019 13:12
 Operator : JC/SP
 Sample : K3165-08DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:18:57 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	5.67	168	174413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114237	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	5.50	113	84962	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.71	98	347965	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	114807	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	

Target Compounds

						Qvalue
10) Methyl Iodide	2.51	142	238	4.758	ug/l #	88
11) Tert butyl alcohol	3.05	59	7546	12.446	ug/l	95
13) Acrolein	2.31	56	575	22.322	ug/l #	70
14) Allyl chloride	2.61	41	24051	5.602	ug/l #	64
16) Acetone	2.44	43	635519	446.452	ug/l	99
17) Carbon Disulfide	2.57	76	622	0.500	ug/l #	76
18) Methyl Acetate	2.61	43	62757	18.947	ug/l #	57
19) Methyl tert-butyl Ether	3.20	73	4984	0.747	ug/l	100
22) Diisopropyl ether	3.95	45	16721	2.047	ug/l #	1
23) Vinyl Acetate	3.96	43	37482	5.108	ug/l #	77
25) 2-Butanone	4.68	43	19283	8.695	ug/l	99
29) Tetrahydrofuran	5.13	42	546	0.384	ug/l #	51
31) Cyclohexane	5.65	56	3989	1.064	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13366	4.754	ug/l #	51
37) Ethyl Acetate	4.84	43	23834	6.084	ug/l #	96
38) Carbon Tetrachloride	5.66	117	16043	6.603	ug/l #	16
40) Benzene	6.15	78	8384	1.005	ug/l	91
49) 1,4-Dioxane	7.77	88	19	0.326	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	5420	1.318	ug/l	97
52) Toluene	8.78	92	126743	25.028	ug/l	99
59) 2-Hexanone	9.50	43	1654	0.522	ug/l	83
67) Ethyl Benzene	10.25	91	32172	3.496	ug/l	99
68) m/p-Xylenes	10.35	106	43359	12.754	ug/l	97
69) o-Xylene	10.69	106	36004	11.043	ug/l	99
70) Styrene	10.71	104	3110	0.544	ug/l #	1
73) Isopropylbenzene	11.02	105	7291	0.937	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	59710	23.685	ug/l #	34
78) n-propylbenzene	11.36	91	20742	2.313	ug/l	98
79) 2-Chlorotoluene	11.43	91	13736	2.508	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	33017	5.038	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	59710	58.600	ug/l #	10
82) 4-Chlorotoluene	11.51	91	3582	0.562	ug/l #	47
83) tert-Butylbenzene	11.80	119	16102	2.568	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.80	105	128613	19.326	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

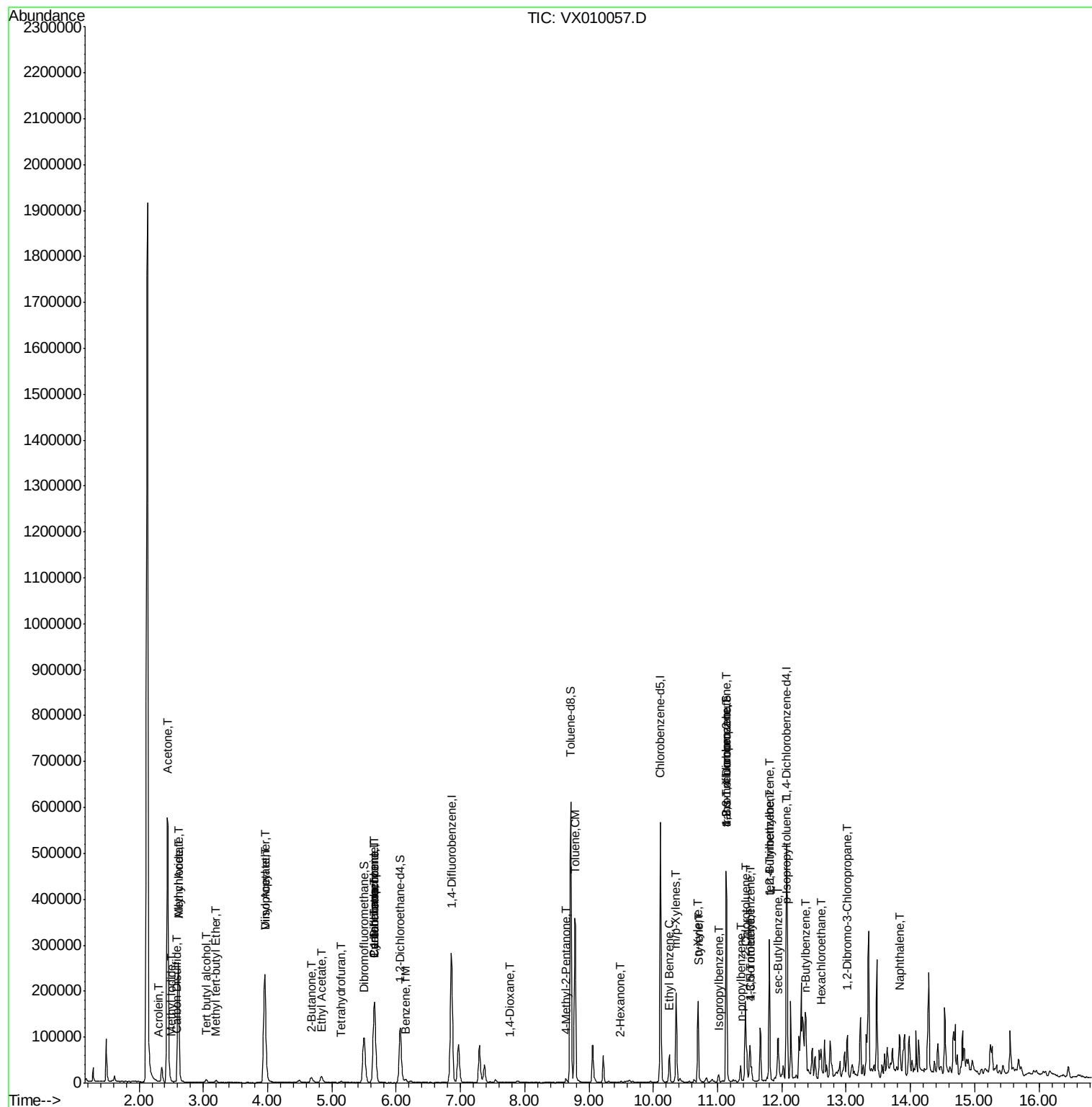
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	8142	1.092	ug/l	96
86) p-Isopropyltoluene	12.06	119	4997	0.745	ug/l	97
89) n-Butylbenzene	12.38	91	15302	2.427	ug/l #	38
90) Hexachloroethane	12.61	117	1960	1.702	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	399	0.584	ug/l #	10
95) Naphthalene	13.83	128	52119	6.736	ug/l	98

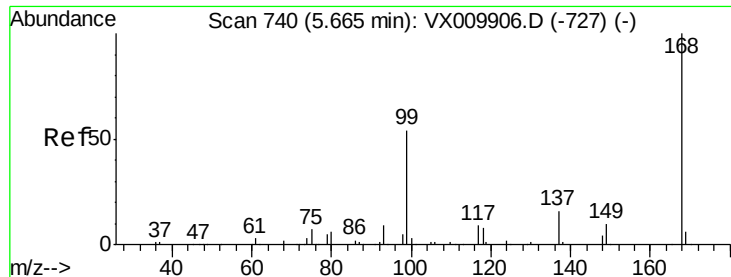
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

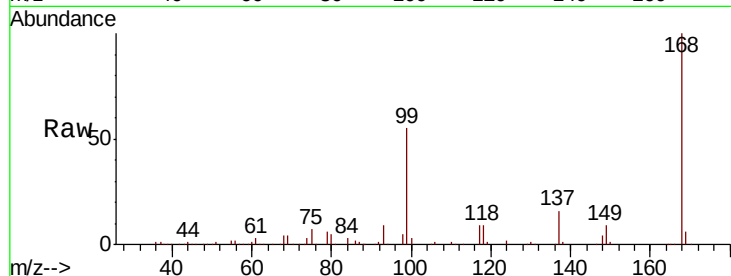
ClientSampleId :

Tot Ion:168 Resp: 174413

Ion Ratio Lower Upper

168 100

99 54.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

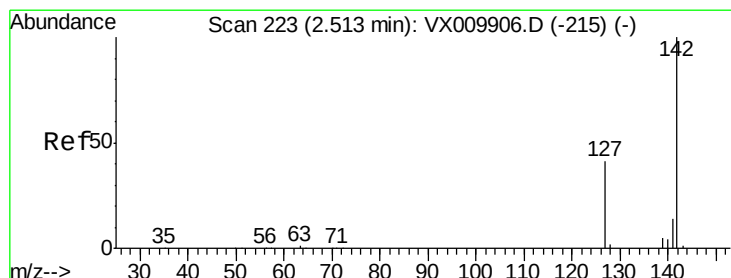
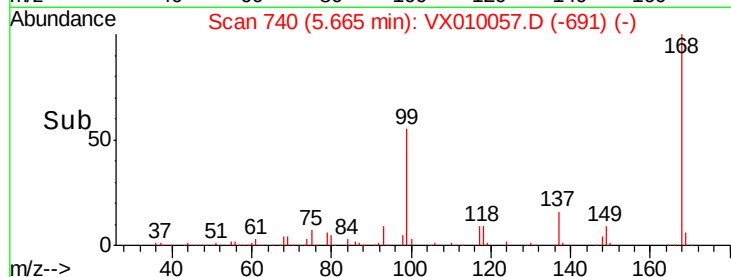
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.758 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

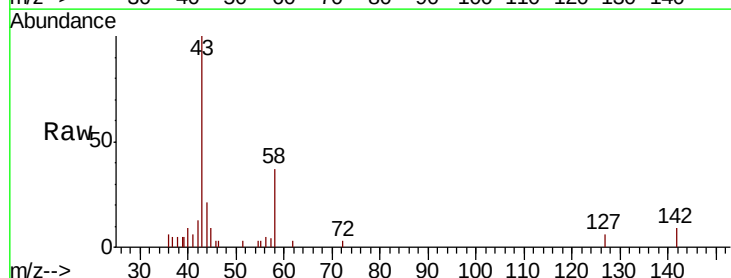
Tgt Ion:142 Resp: 238

Ion Ratio Lower Upper

142 100

127 43.7 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

2.51

200

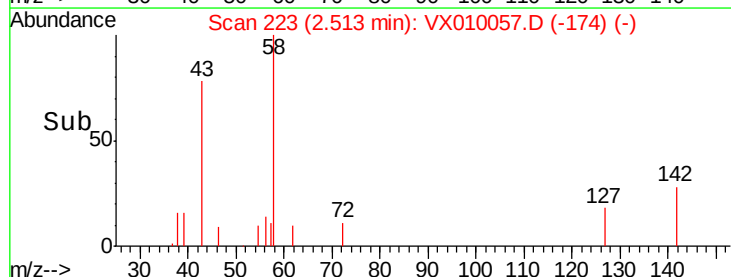
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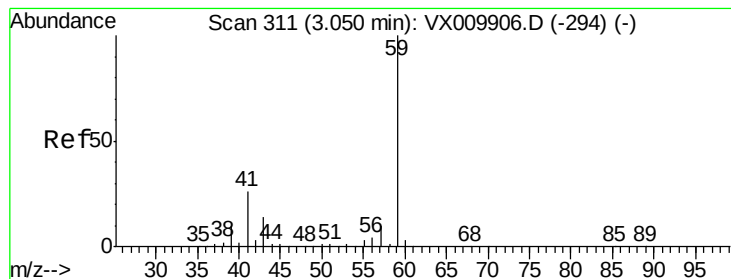
100

50

0

Time--> 2.50 2.55



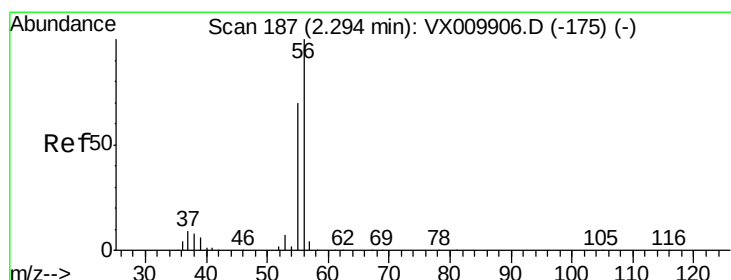
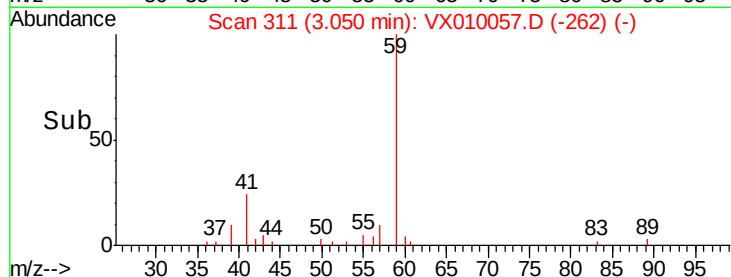
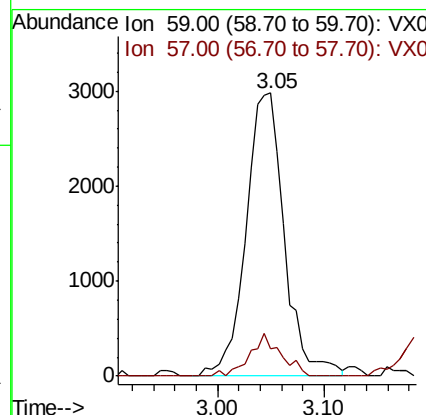
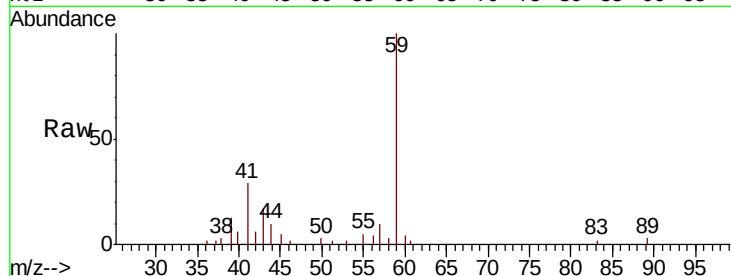


#11

Tert butyl alcohol
 Concen: 12.446 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

Instrument :
 MSVOA_X
 ClientSampleId :

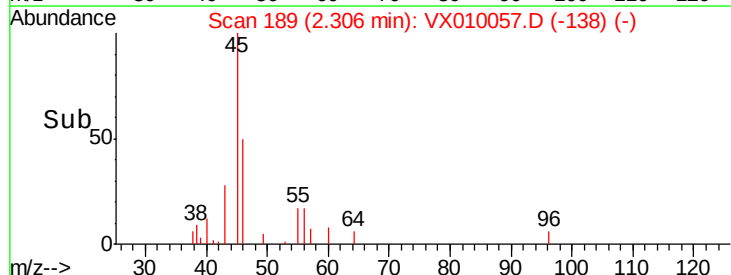
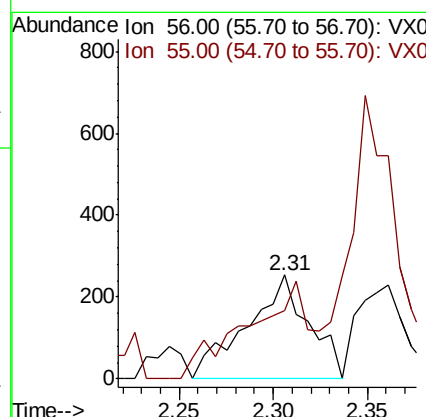
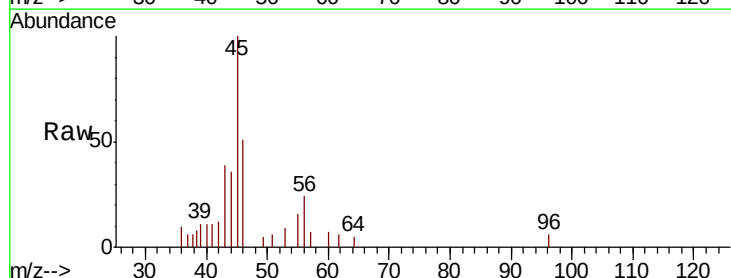
Tot Ion: 59 Resp: 7546
 Ion Ratio Lower Upper
 59 100
 57 12.2 8.2 12.2

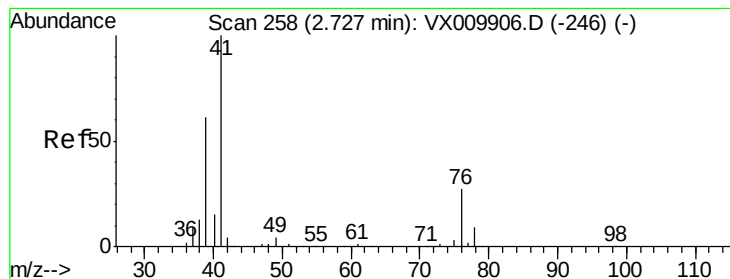


#13

Acrolein
 Concen: 22.322 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

Tgt Ion: 56 Resp: 575
 Ion Ratio Lower Upper
 56 100
 55 96.0 57.0 85.4#





#14

Allvl chloride

Concen: 5.602 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.12 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

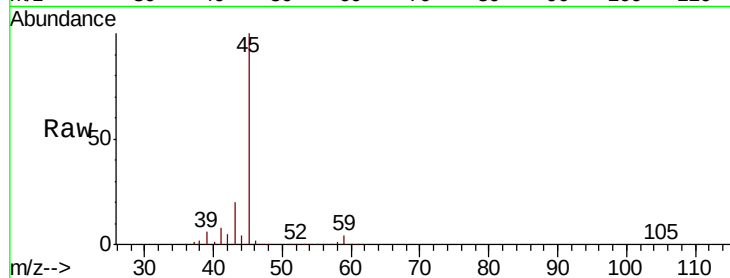
Tot Ion: 41 Resp: 24051

Ion Ratio Lower Upper

41 100

39 80.5 46.7 70.1#

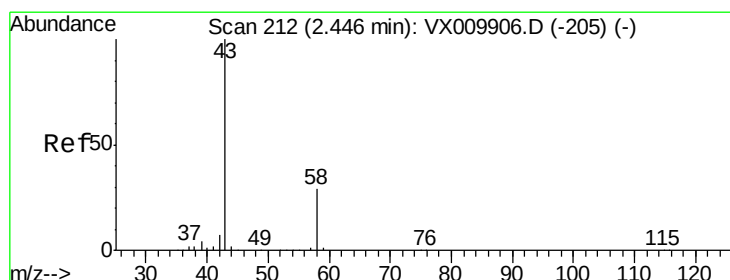
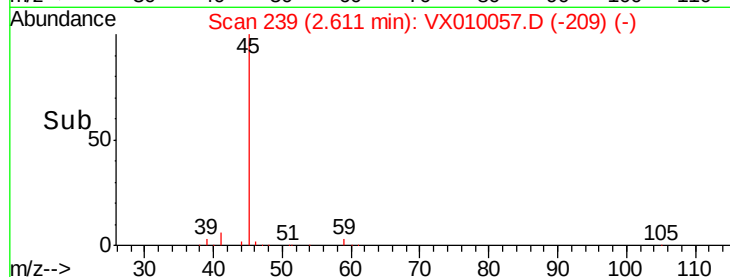
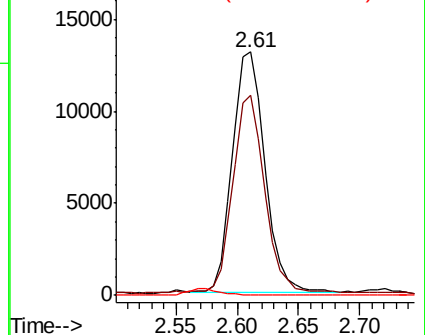
76 0.0 21.0 31.4#



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



#16

Acetone

Concen: 446.452 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010057.D

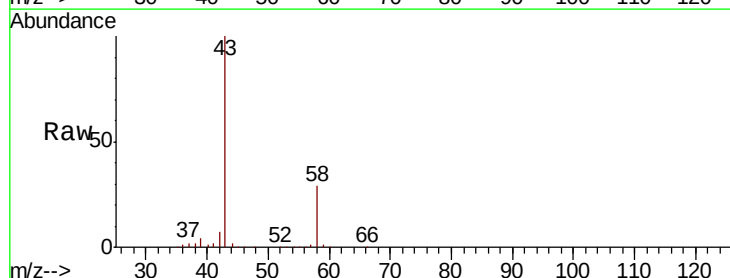
Acq: 04 Jun 2019 13:12

Tgt Ion: 43 Resp: 635519

Ion Ratio Lower Upper

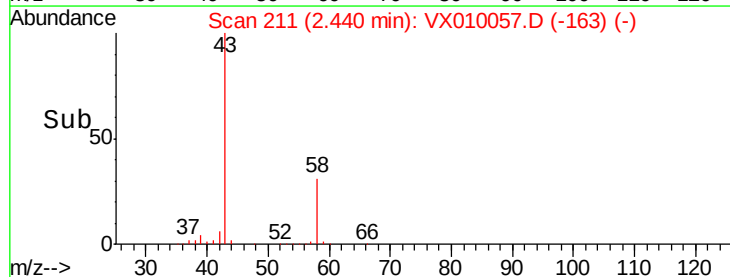
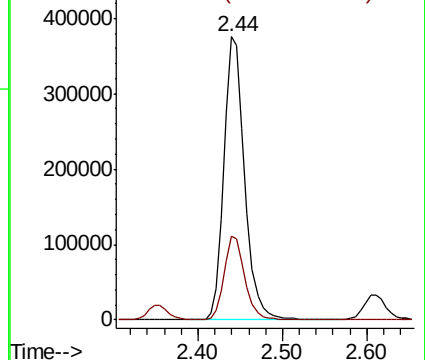
43 100

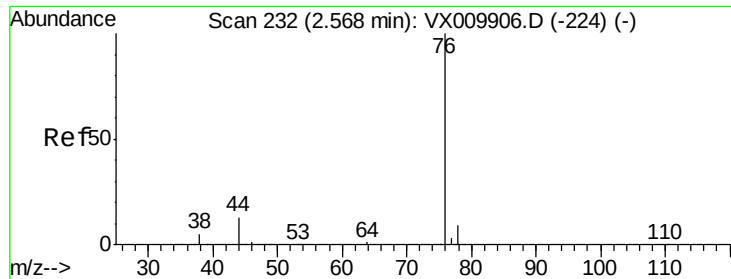
58 29.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

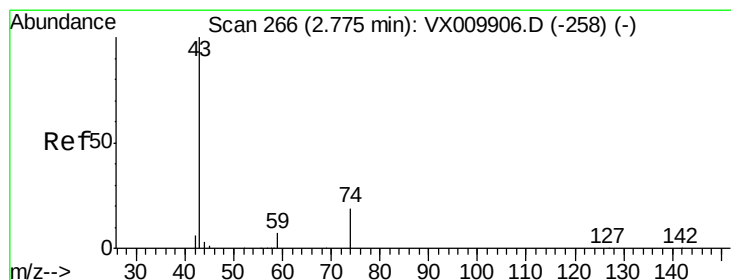
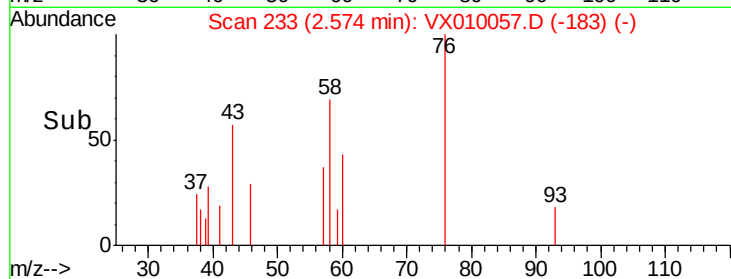
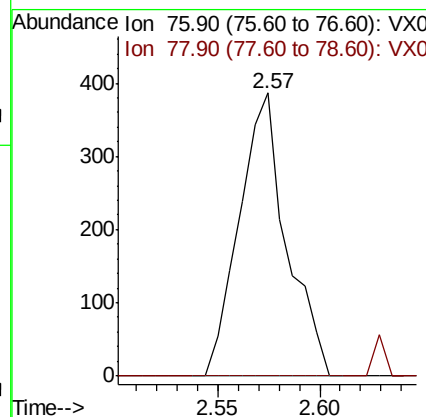
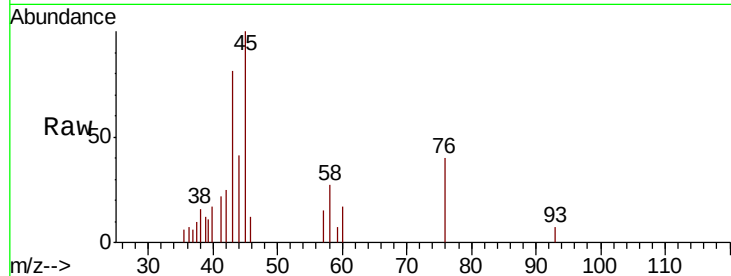




#17
Carbon Disulfide
Concen: 0.500 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

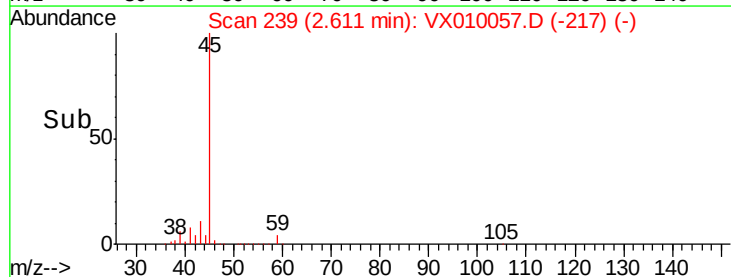
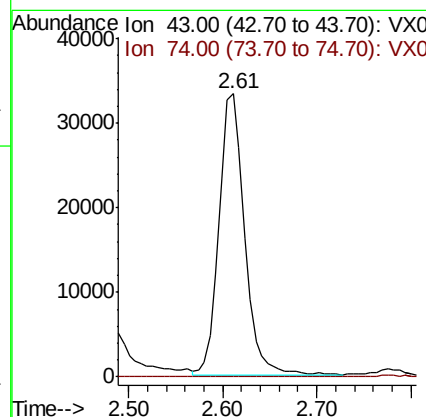
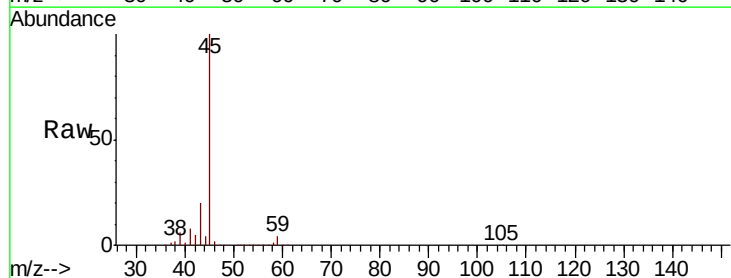
Instrument :
MSVOA_X
ClientSampled :

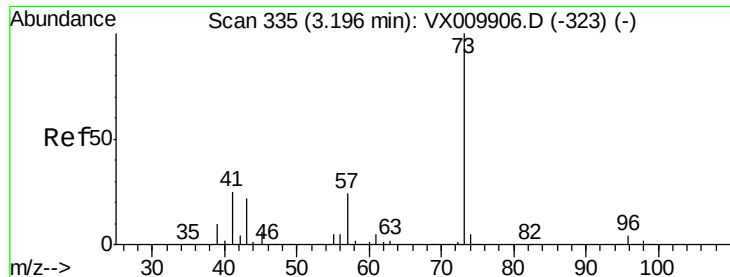
Tot Ion: 76 Resp: 622
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 18.947 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.16 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion: 43 Resp: 62757
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.6#

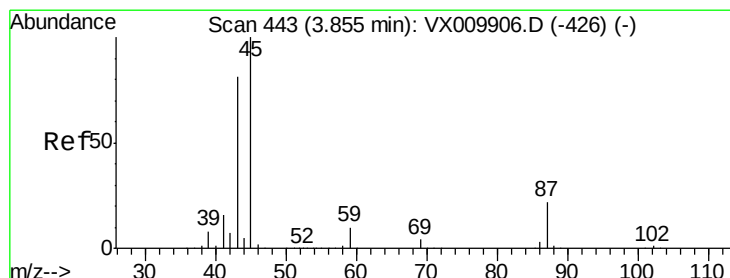
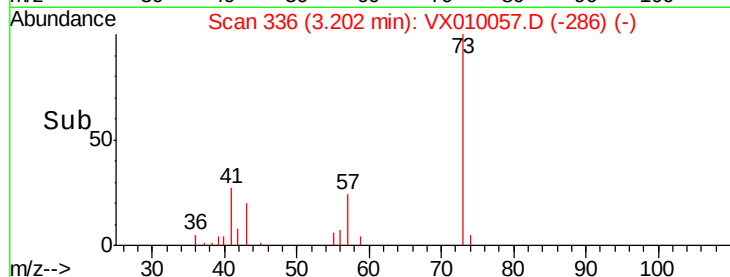
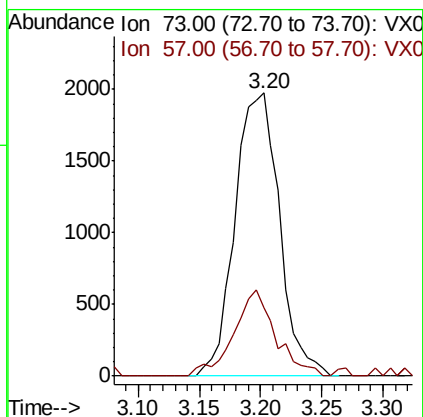
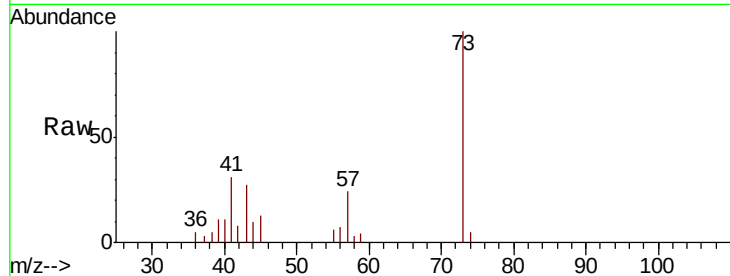




#19
Methyl tert-butyl Ether
Concen: 0.747 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.01 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

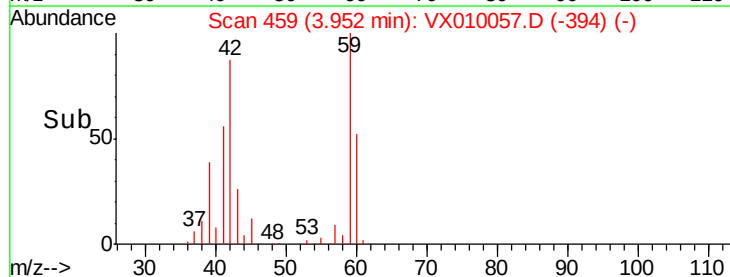
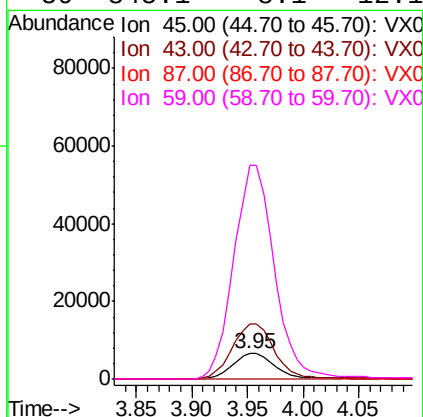
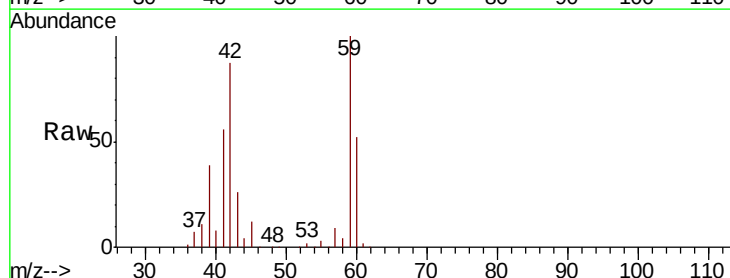
Instrument :
MSVOA_X
ClientSampleId :

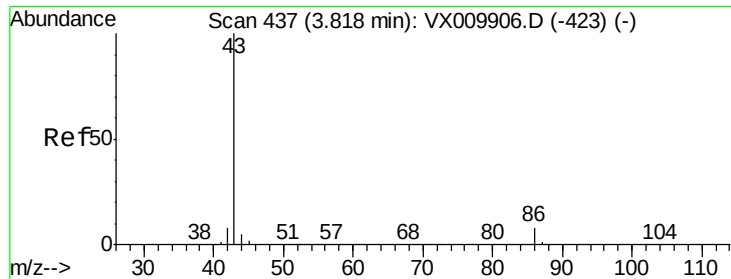
Tot Ion: 73 Resp: 4984
Ion Ratio Lower Upper
73 100
57 24.4 19.4 29.2



#22
Diisopropyl ether
Concen: 2.047 ug/l
RT: 3.95 min Scan# 459
Delta R.T. 0.10 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion: 45 Resp: 16721
Ion Ratio Lower Upper
45 100
43 216.2 65.0 97.4#
87 0.0 17.3 25.9#
59 845.1 8.1 12.1#

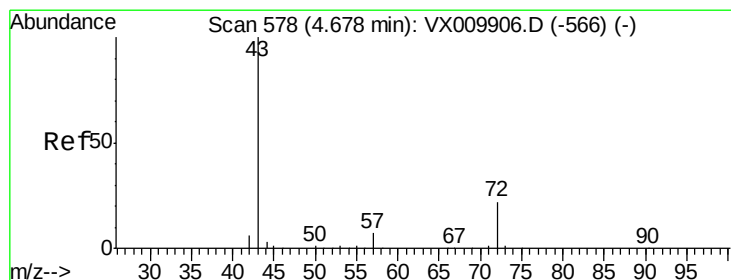
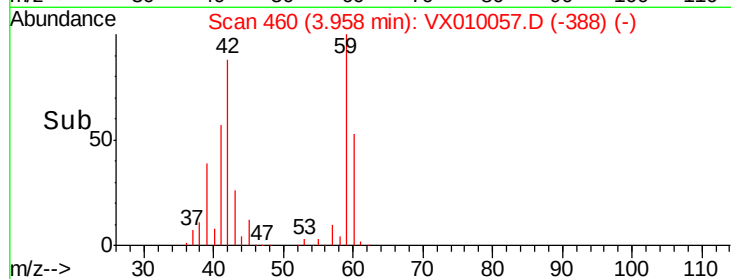
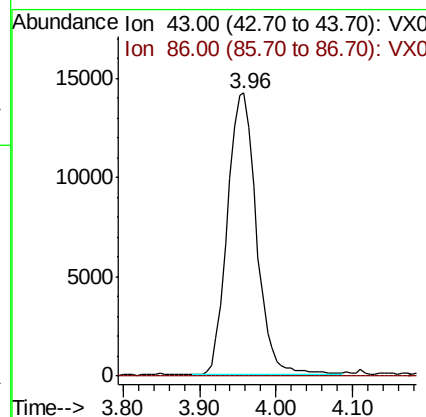
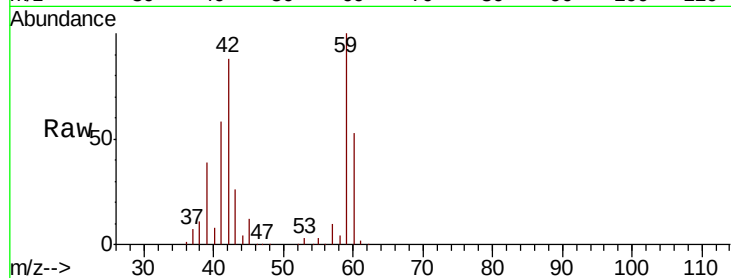




#23
 Vinyl Acetate
 Concen: 5.108 ug/l
 RT: 3.96 min Scan# 460
 Delta R.T. 0.14 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

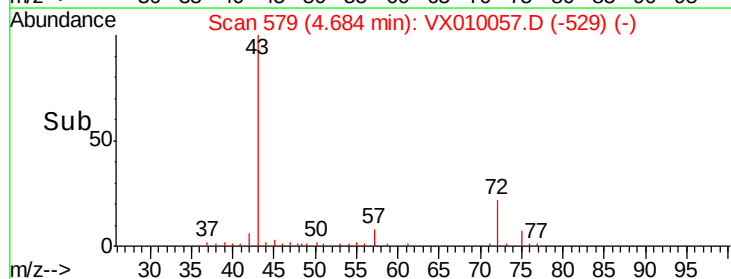
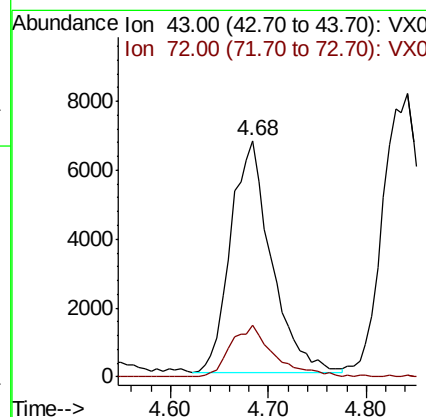
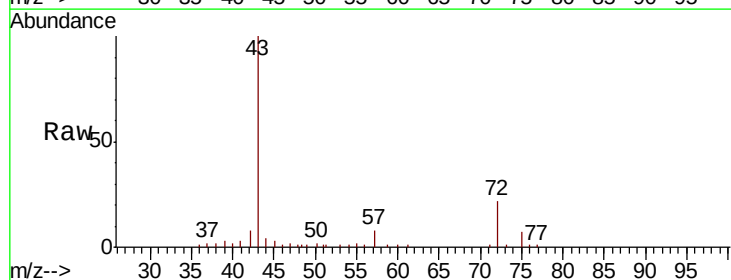
Instrument :
 MSVOA_X
 ClientSampleId :

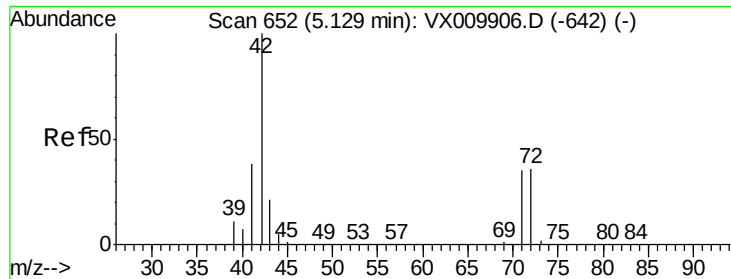
Tot Ion: 43 Resp: 37482
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.5 9.7#



#25
 2-Butanone
 Concen: 8.695 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

Tgt Ion: 43 Resp: 19283
 Ion Ratio Lower Upper
 43 100
 72 22.2 17.5 26.3





#29

Tetrahydrofuran

Concen: 0.384 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

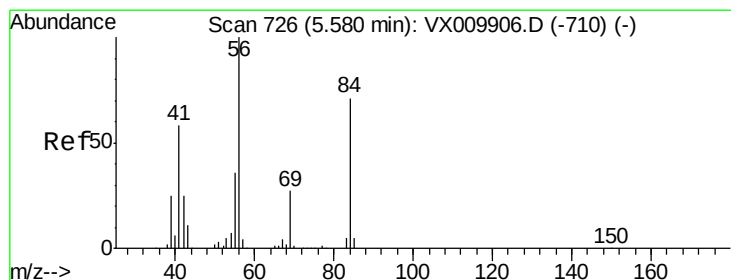
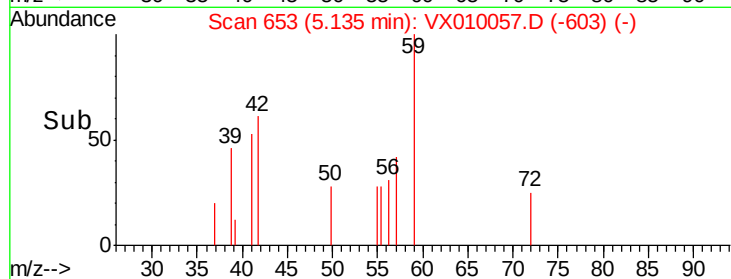
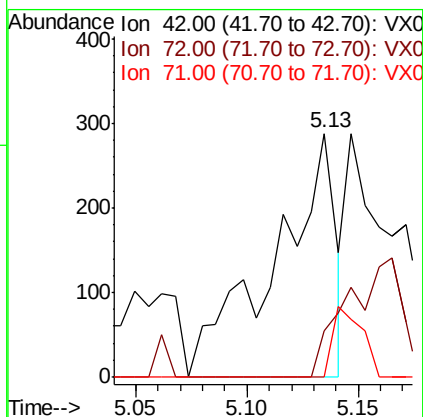
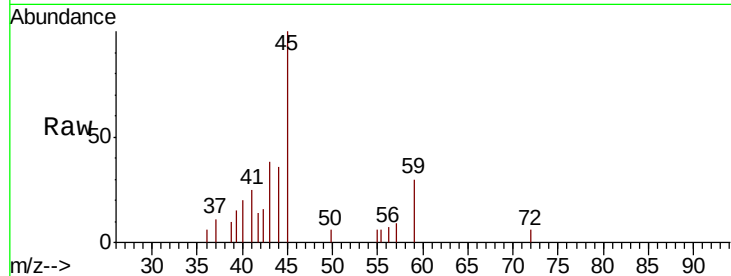
Tot Ion: 42 Resp: 546

Ion Ratio Lower Upper

42 100

72 0.0 29.2 43.8#

71 13.9 27.6 41.4#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

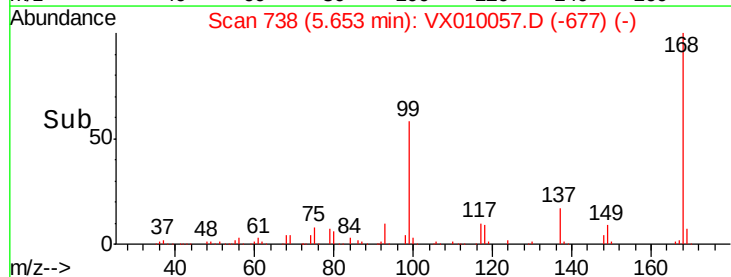
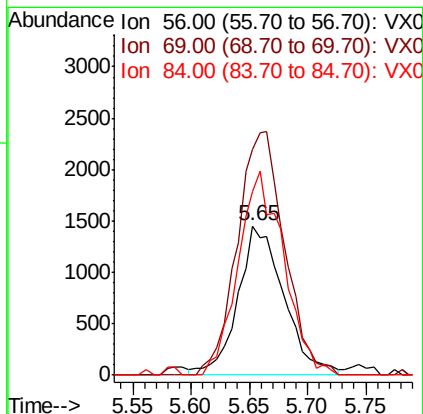
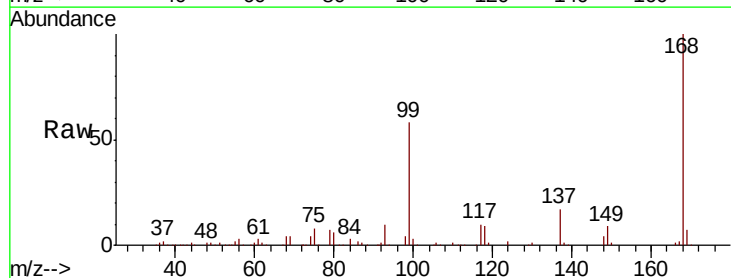
Tgt Ion: 56 Resp: 3989

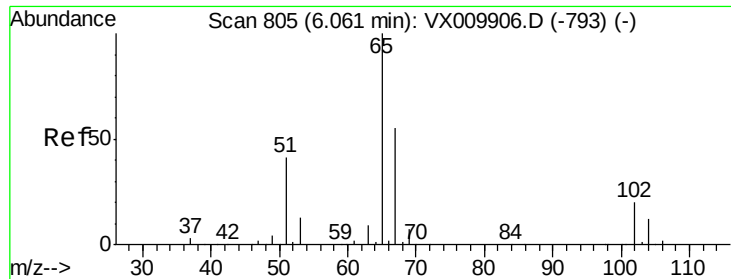
Ion Ratio Lower Upper

56 100

69 156.4 21.6 32.4#

84 127.1 56.8 85.2#

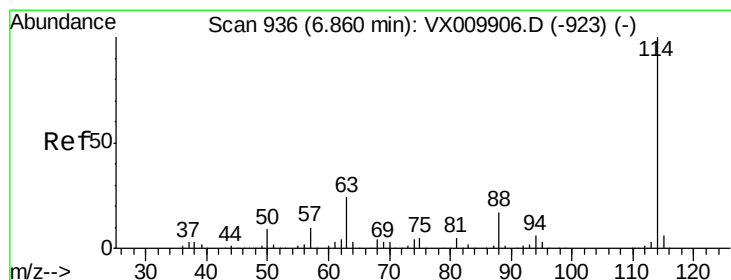
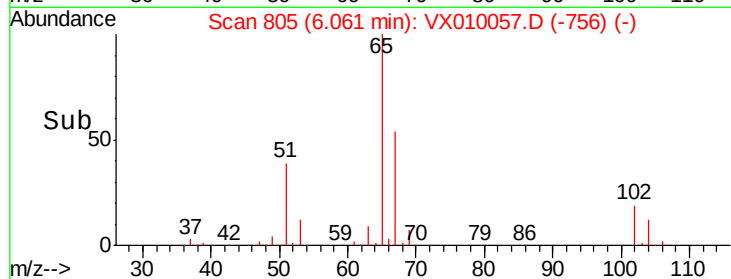
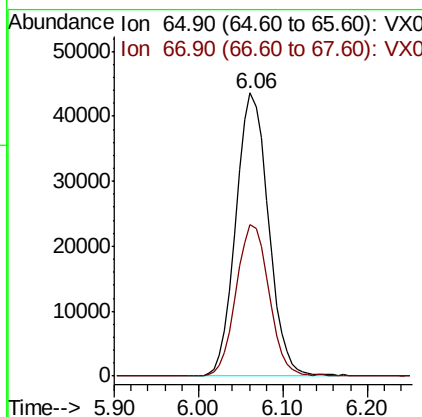
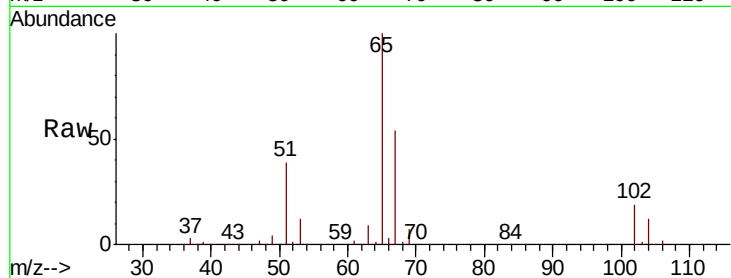




#33
 1,2-Dichloroethane-d4
 Concen: 46.367 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

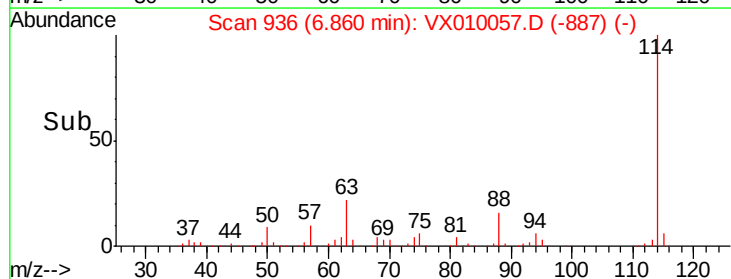
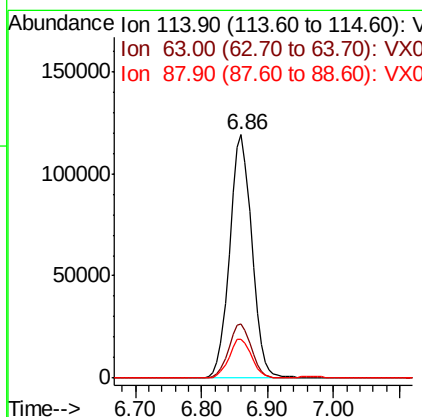
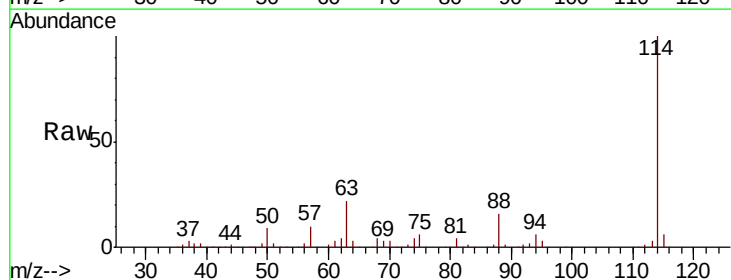
Instrument :
 MSVOA_X
 ClientSampleId :

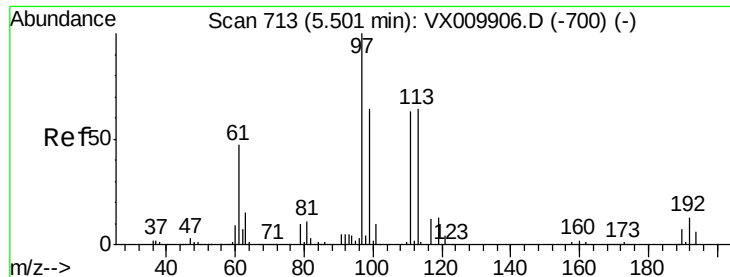
Tot Ion: 65 Resp: 114237
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

Tgt Ion: 114 Resp: 277105
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.4
 88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.768 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

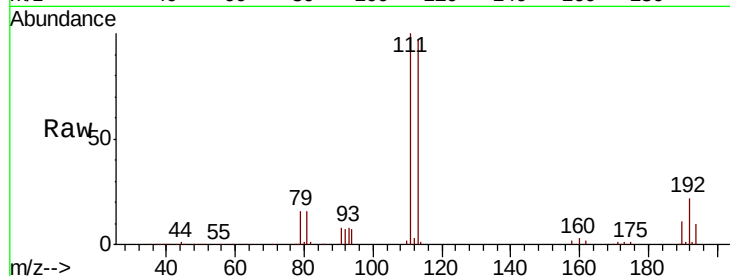
Tot Ion:113 Resp: 84962

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

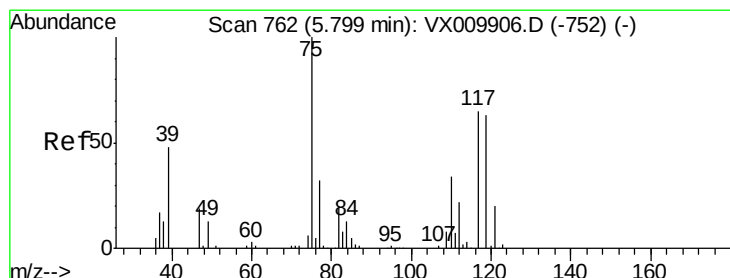
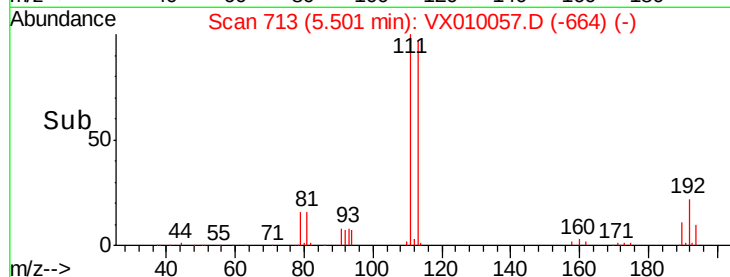
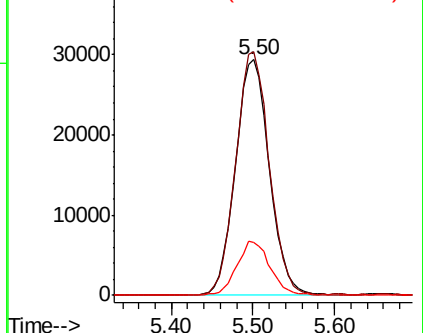
192 22.3 17.1 25.7



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: 4.754 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

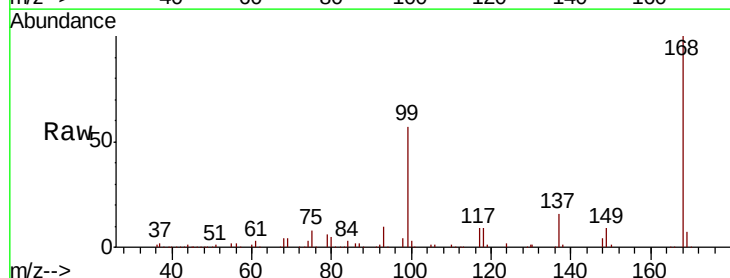
Tgt Ion: 75 Resp: 13366

Ion Ratio Lower Upper

75 100

110 9.8 16.7 50.1#

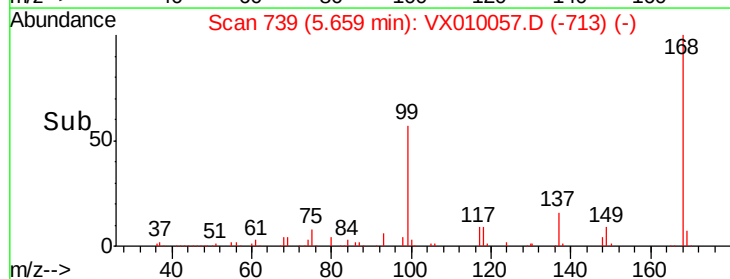
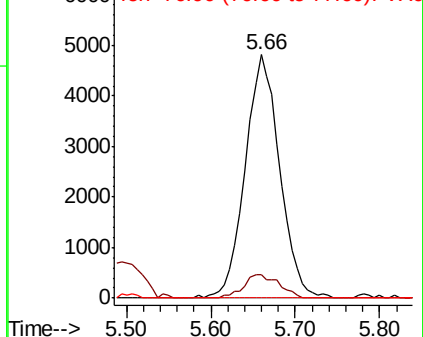
77 0.0 25.0 37.4#

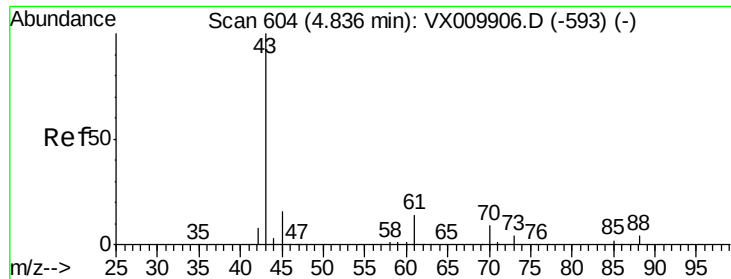


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

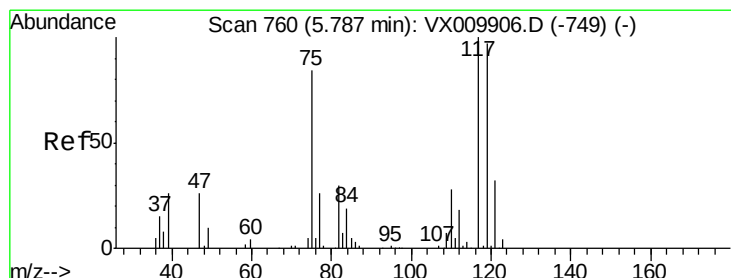
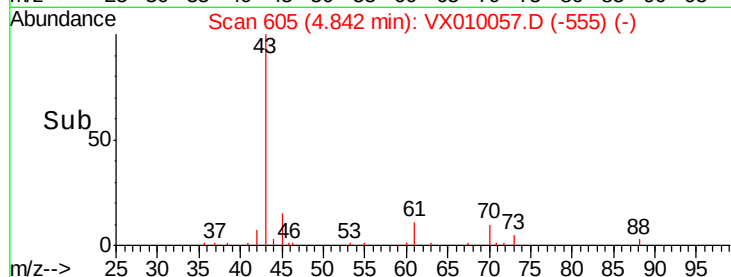
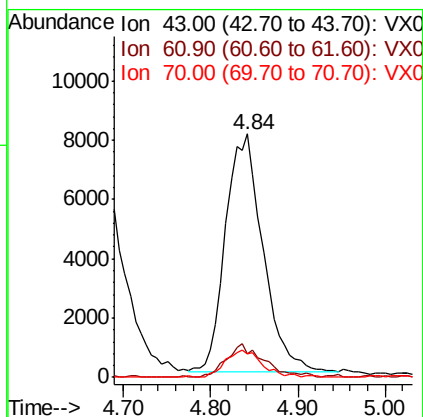
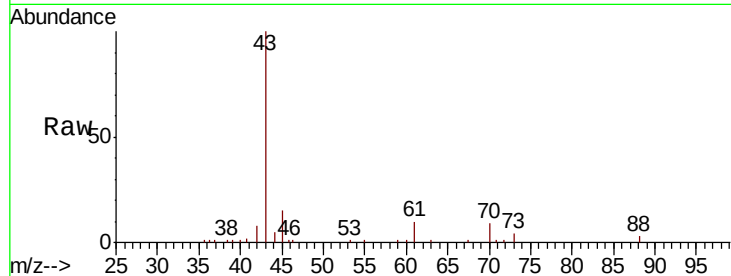




#37
Ethyl Acetate
Concen: 6.084 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

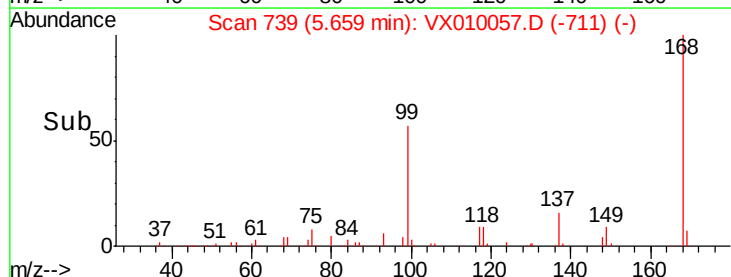
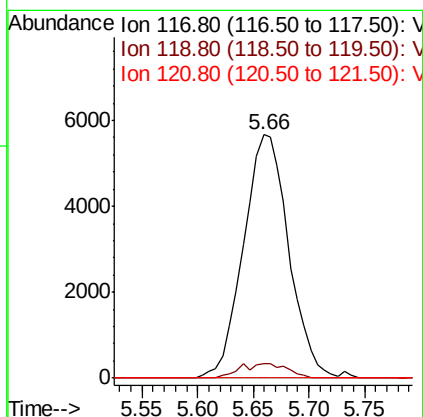
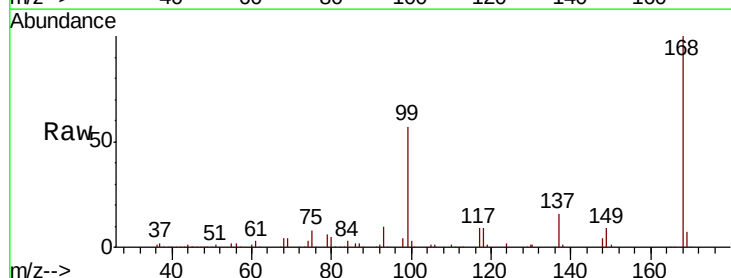
Instrument :
MSVOA_X
ClientSampled :

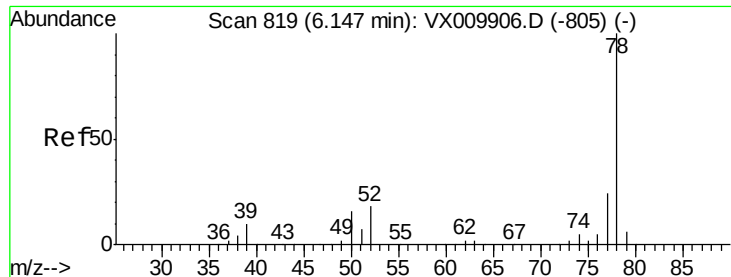
Tot Ion: 43 Resp: 23834
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.2
70 11.2 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 6.603 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion: 117 Resp: 16043
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 25.4 38.0#





#40

Benzene

Concen: 1.005 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

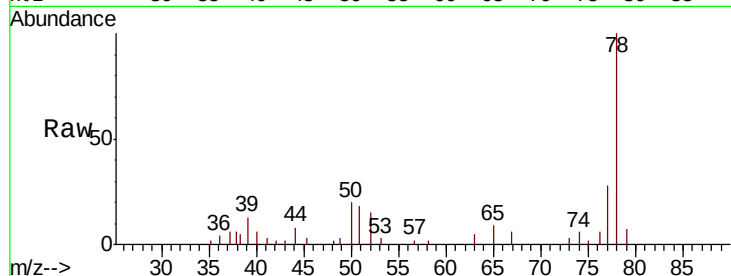
ClientSampled :

Tot Ion: 78 Resp: 8384

Ion Ratio Lower Upper

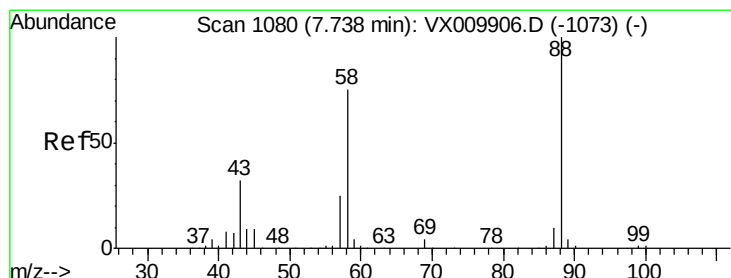
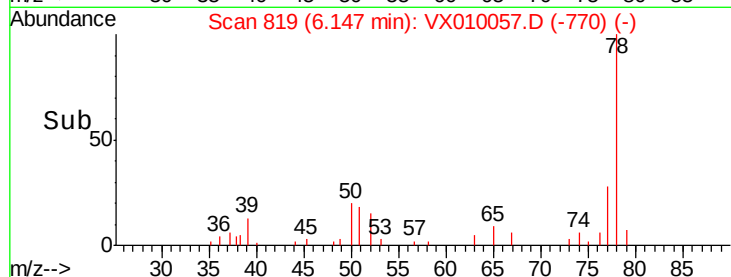
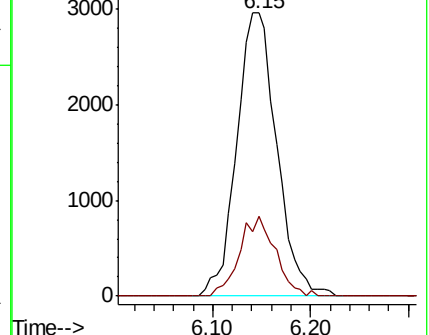
78 100

77 28.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

1,4-Dioxane

Concen: 0.326 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.03 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

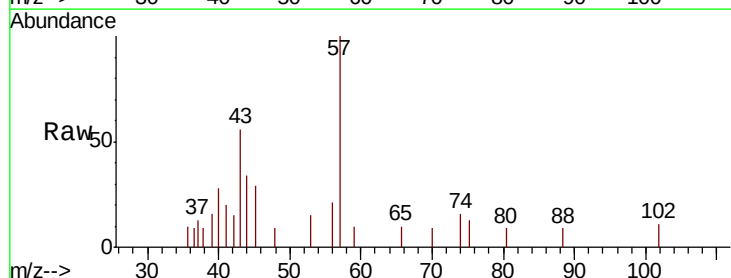
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 2673.7 30.2 45.4#

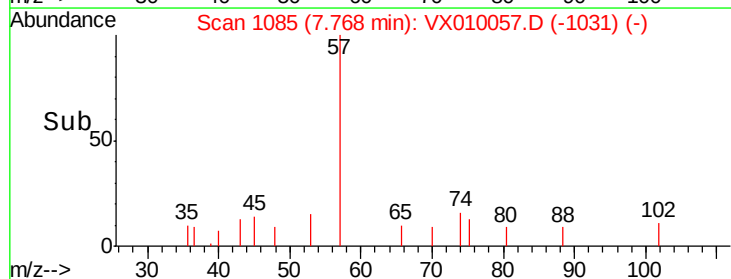
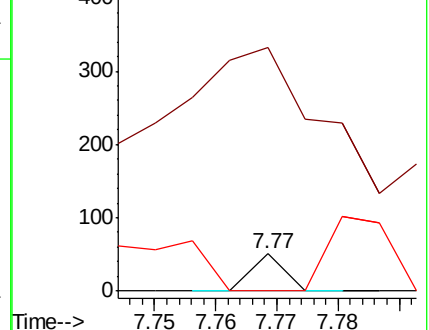
58 373.7 64.0 96.0#

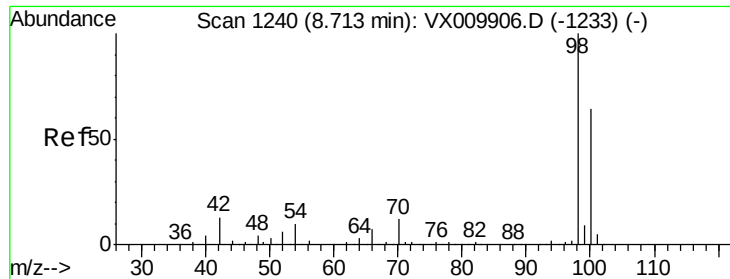


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

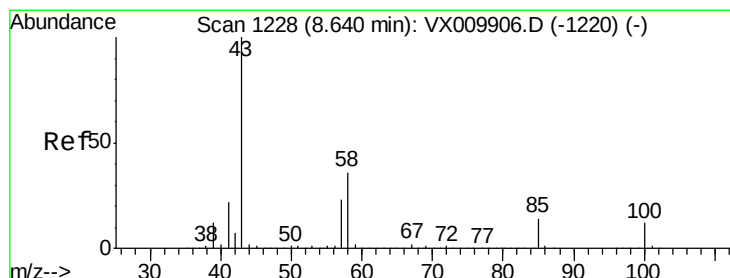
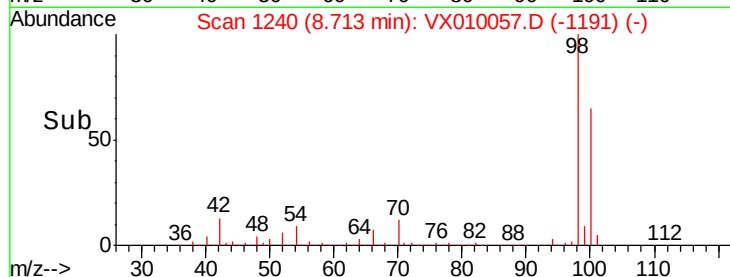
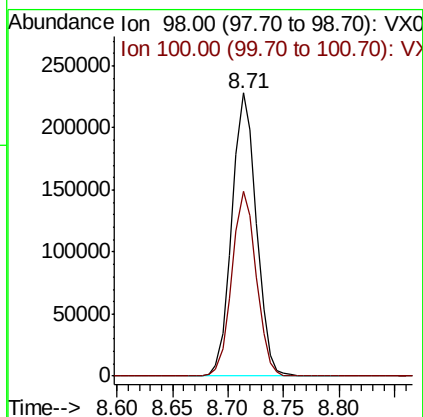
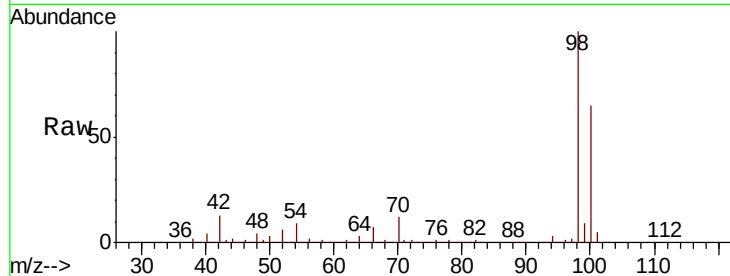




#50
Toluene-d8
Concen: 49.185 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

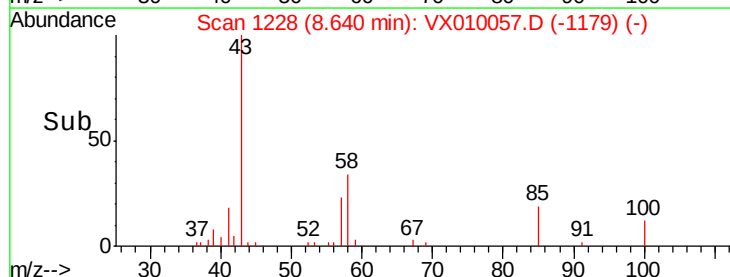
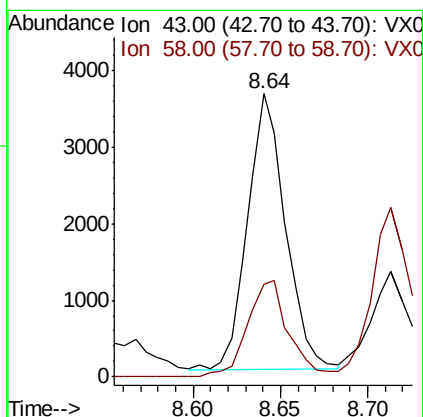
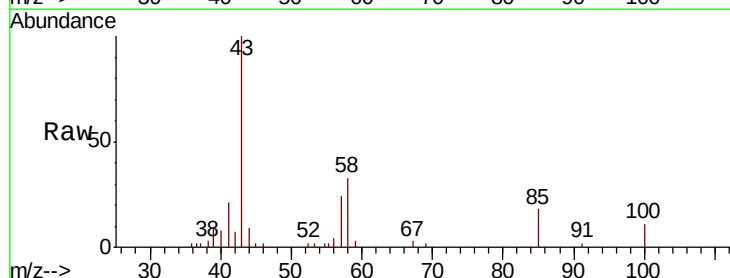
Instrument :
MSVOA_X
ClientSampled :

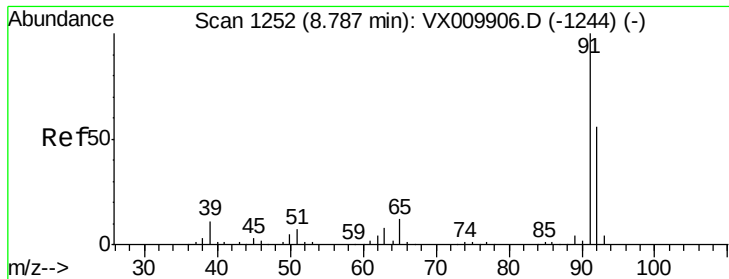
Tot Ion: 98 Resp: 347965
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.318 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion: 43 Resp: 5420
Ion Ratio Lower Upper
43 100
58 38.0 28.8 43.2





#52

Toluene

Concen: 25.028 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

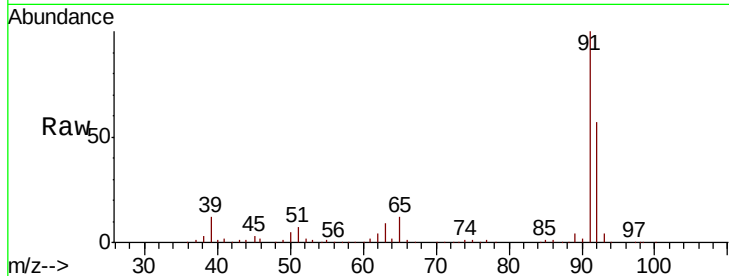
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 126743

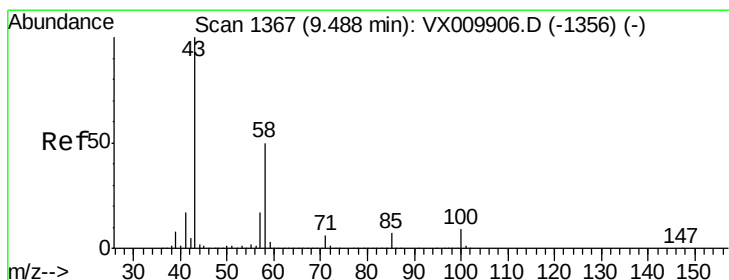
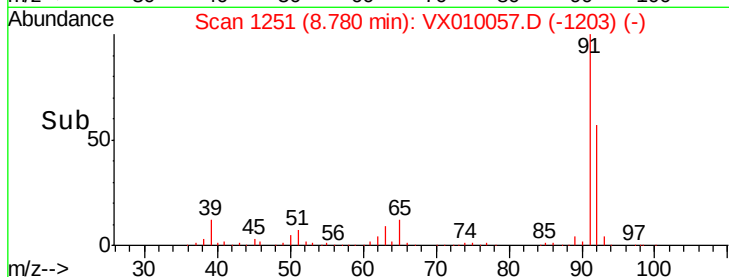
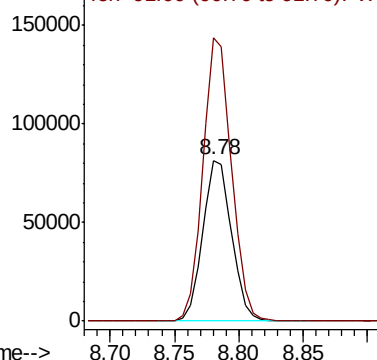
Ion Ratio Lower Upper

92 100

91 175.7 139.9 209.9



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



#59

2-Hexanone

Concen: 0.522 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX010057.D

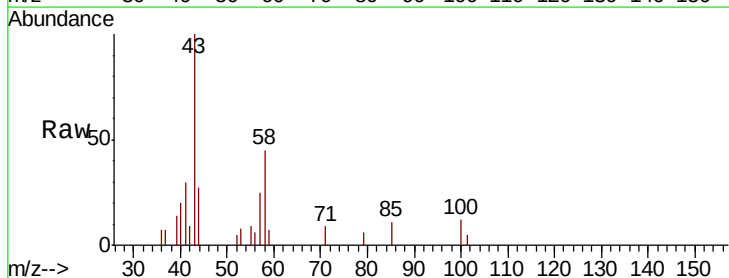
Acq: 04 Jun 2019 13:12

Tgt Ion: 43 Resp: 1654

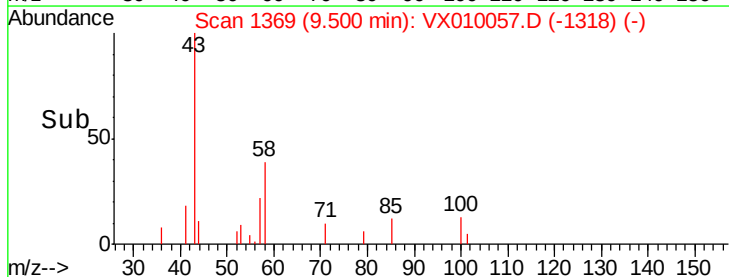
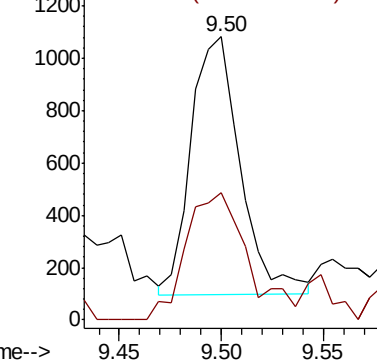
Ion Ratio Lower Upper

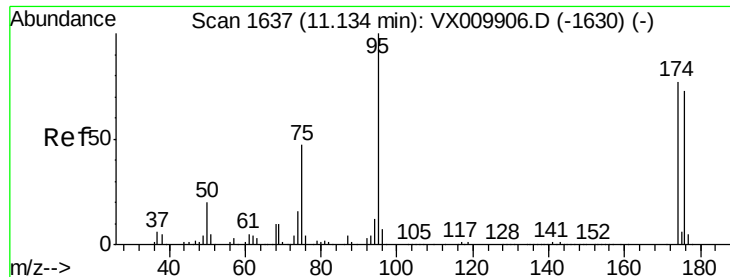
43 100

58 62.0 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: 45.181 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

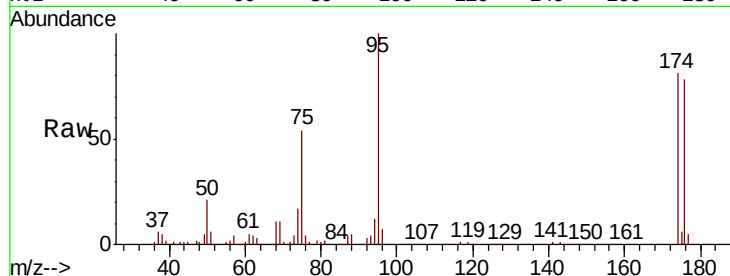
Tot Ion: 95 Resp: 114807

Ion Ratio Lower Upper

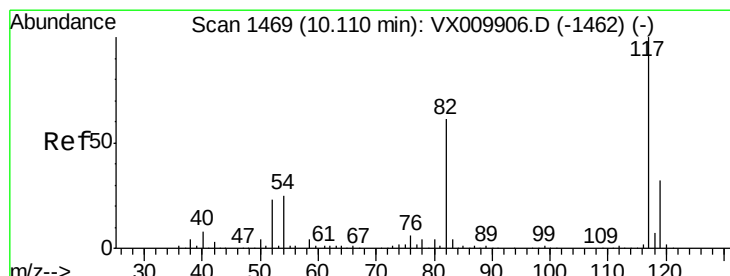
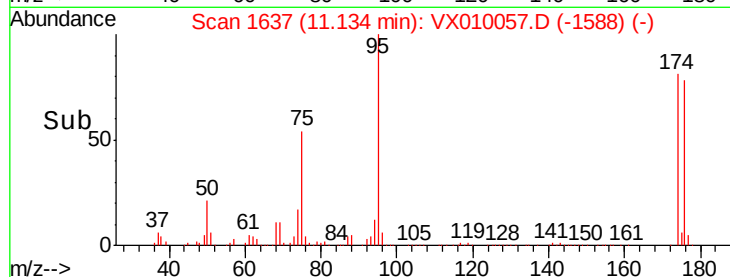
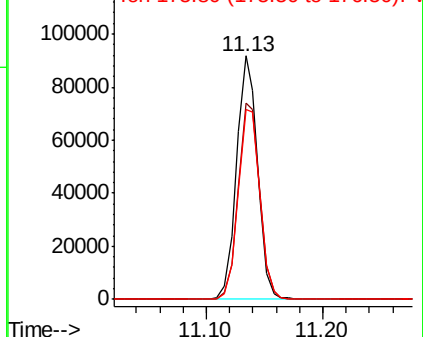
95 100

174 83.2 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: VX010057.D

Acq: 04 Jun 2019 13:12

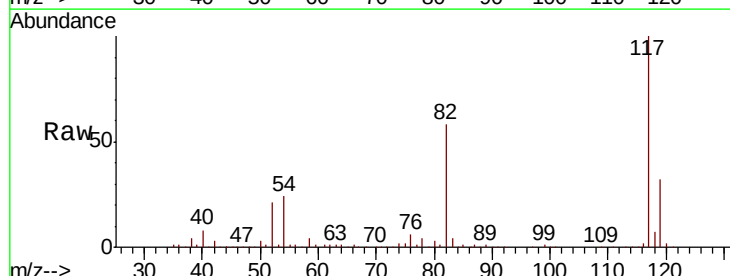
Tgt Ion: 117 Resp: 244817

Ion Ratio Lower Upper

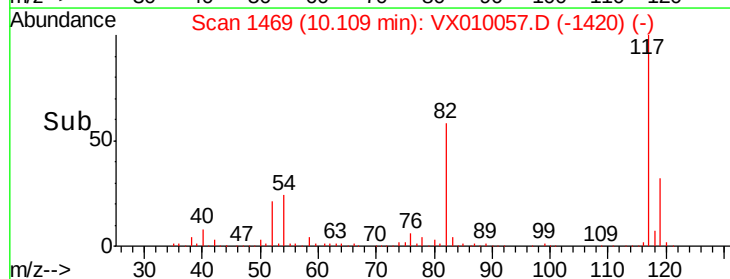
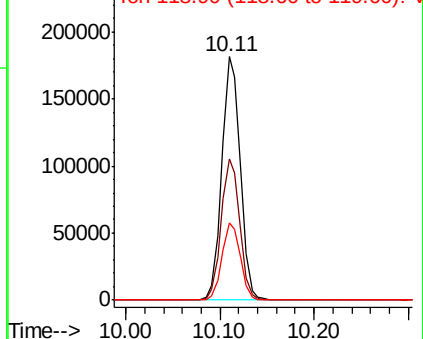
117 100

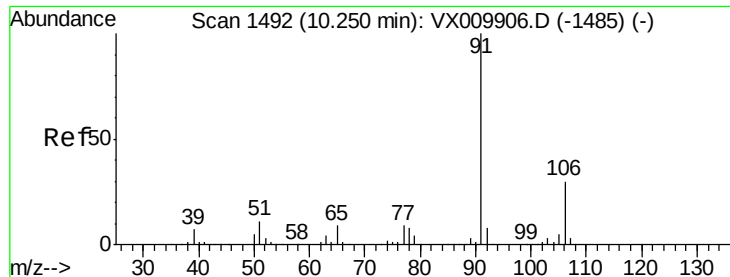
82 58.2 49.2 73.8

119 31.8 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: 3.496 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

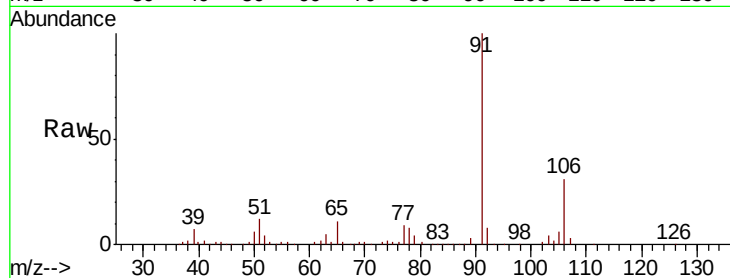
ClientSampleId :

Tot Ion: 91 Resp: 32172

Ion Ratio Lower Upper

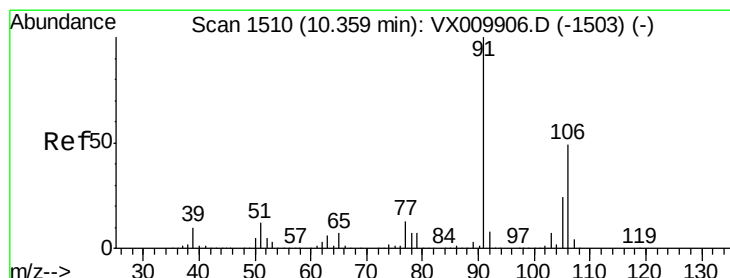
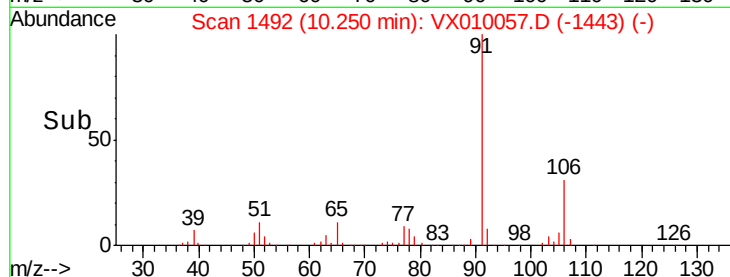
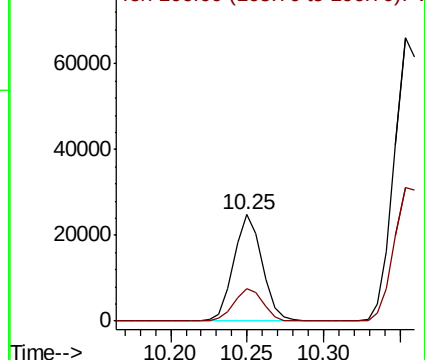
91 100

106 30.5 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 12.754 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010057.D

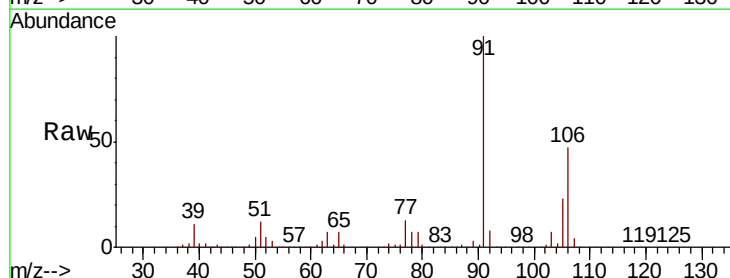
Acq: 04 Jun 2019 13:12

Tgt Ion: 106 Resp: 43359

Ion Ratio Lower Upper

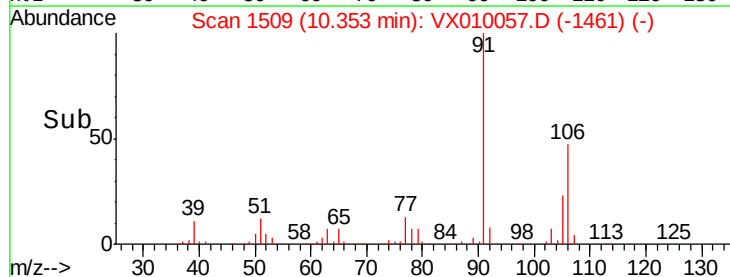
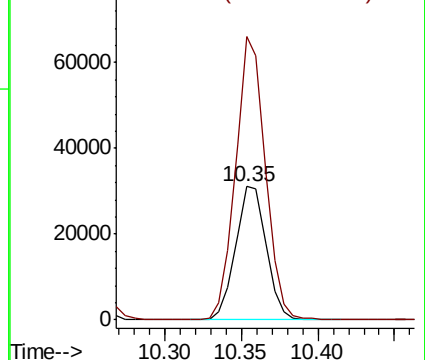
106 100

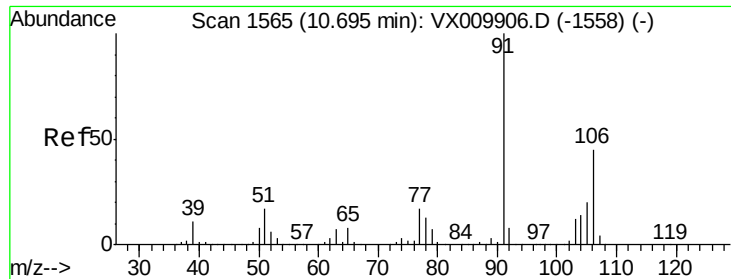
91 204.8 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

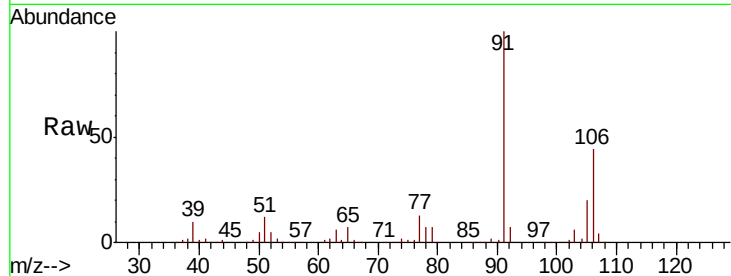




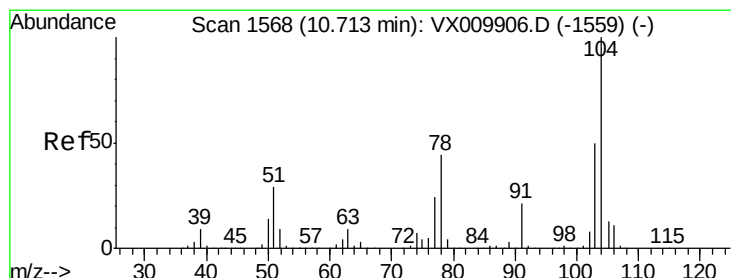
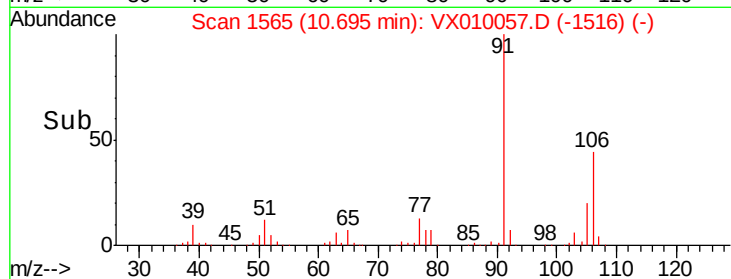
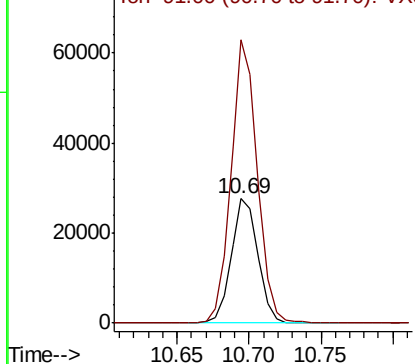
#69
o-Xylene
Concen: 11.043 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 36004
Ion Ratio Lower Upper
106 100
91 223.0 110.4 331.2

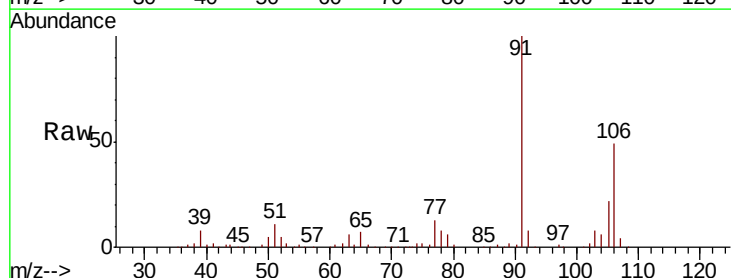


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

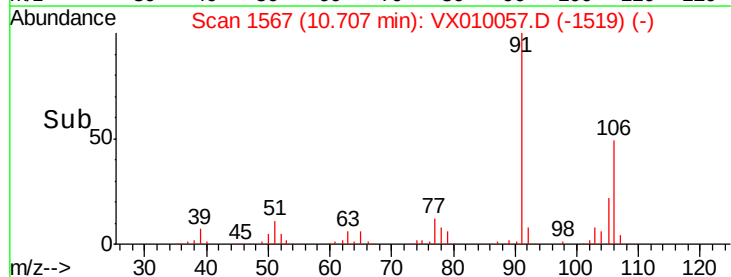
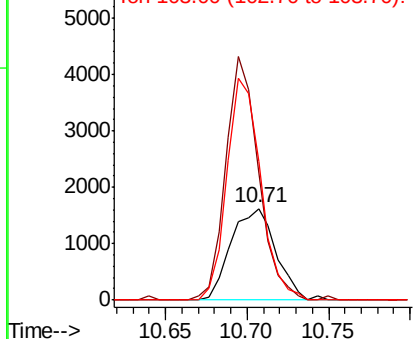


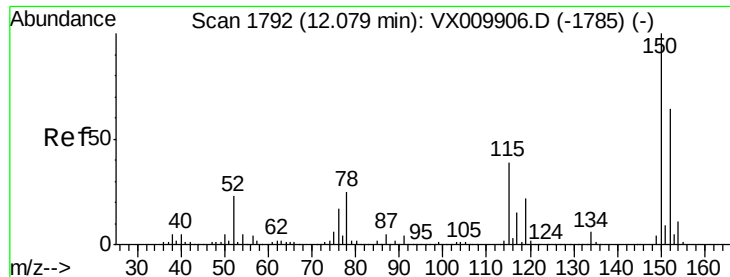
#70
Styrene
Concen: 0.544 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion:104 Resp: 3110
Ion Ratio Lower Upper
104 100
78 194.1 42.1 63.1#
103 182.0 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



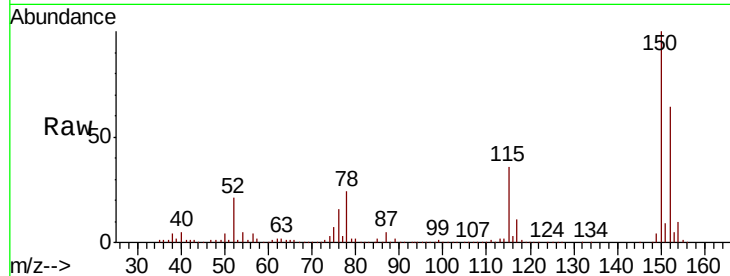


#72

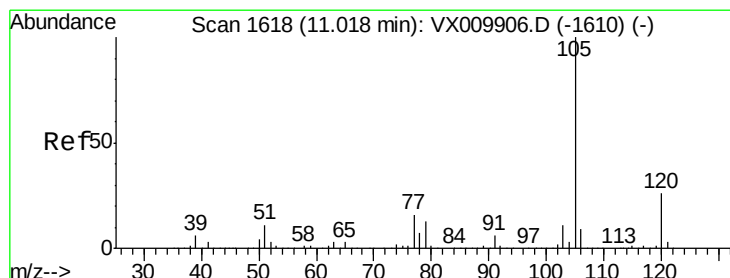
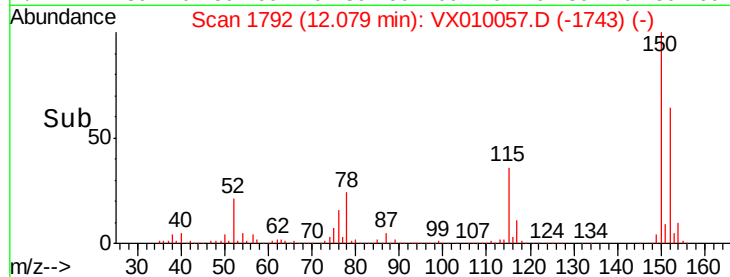
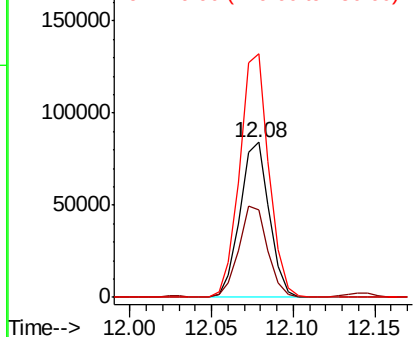
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 105425
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 156.4 0.0 345.2



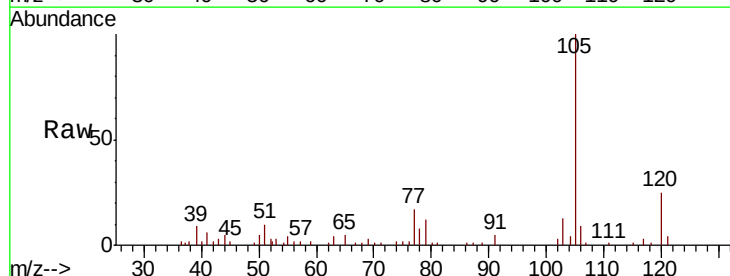
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



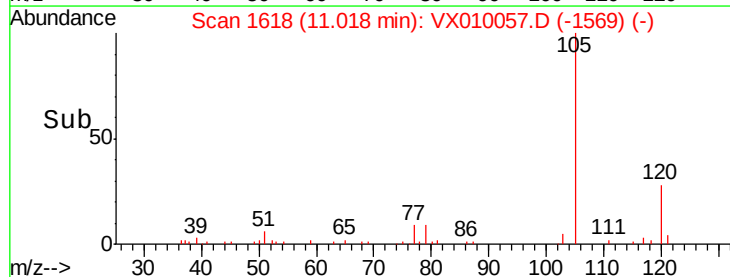
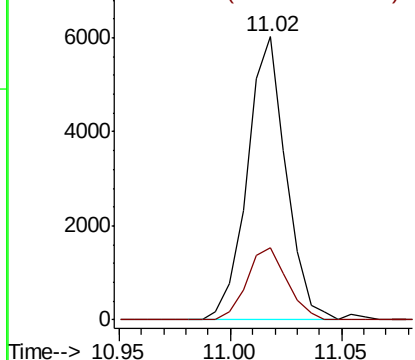
#73

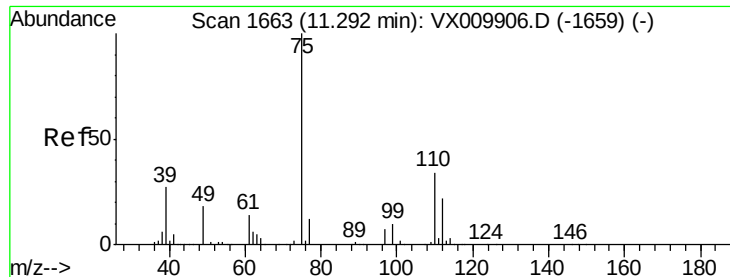
Isopropylbenzene
Concen: 0.937 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion:105 Resp: 7291
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.4



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





#76

1,2,3-Trichloropropane

Concen: 23.685 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

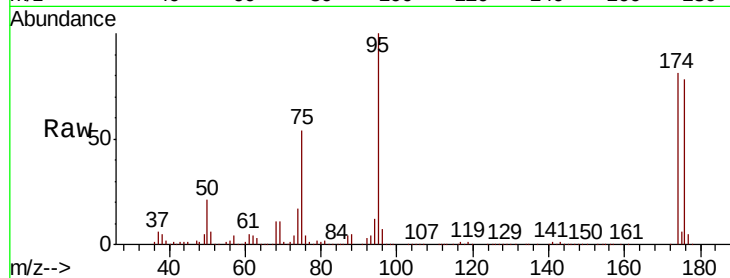
ClientSampled :

Tot Ion: 75 Resp: 59710

Ion Ratio Lower Upper

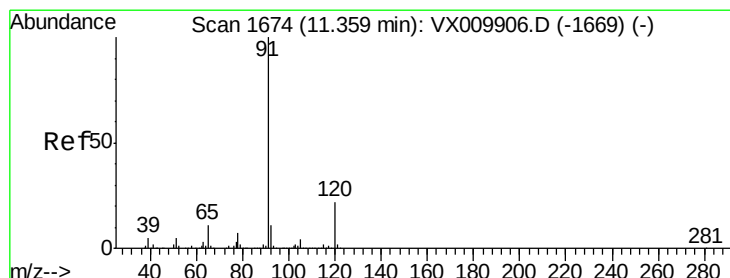
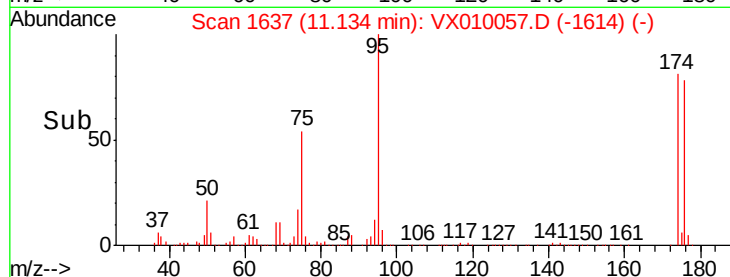
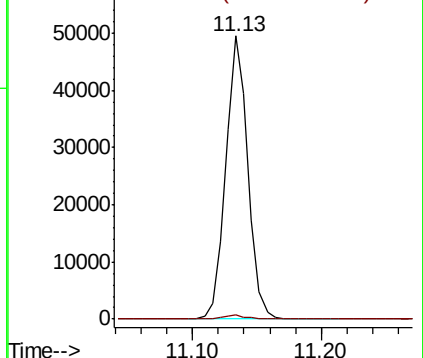
75 100

77 1.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 2.313 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010057.D

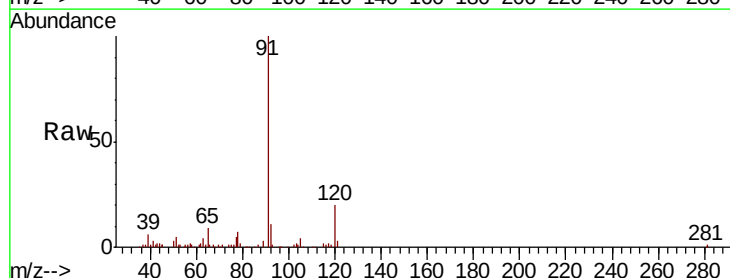
Acq: 04 Jun 2019 13:12

Tgt Ion: 91 Resp: 20742

Ion Ratio Lower Upper

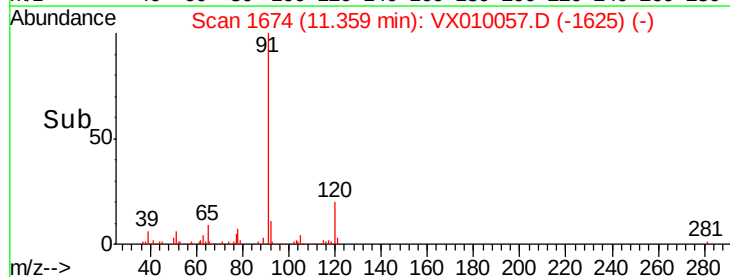
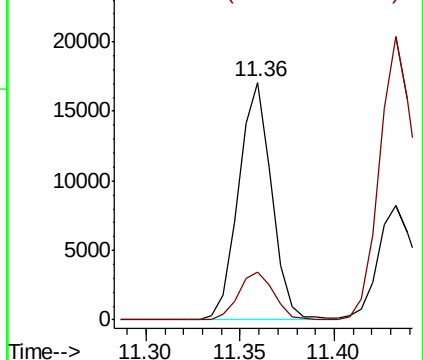
91 100

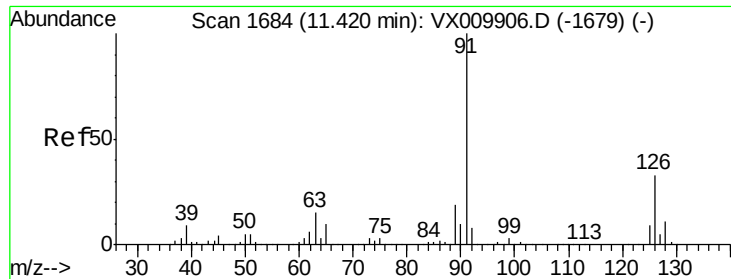
120 21.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

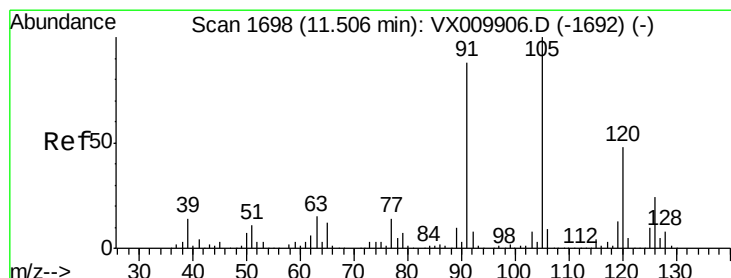
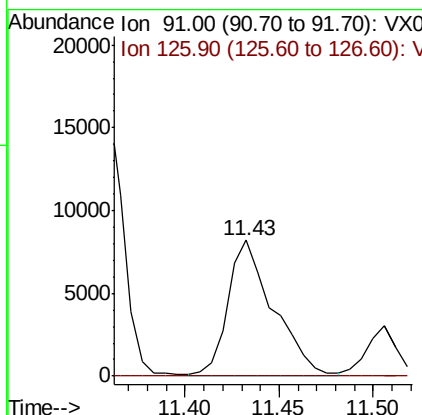
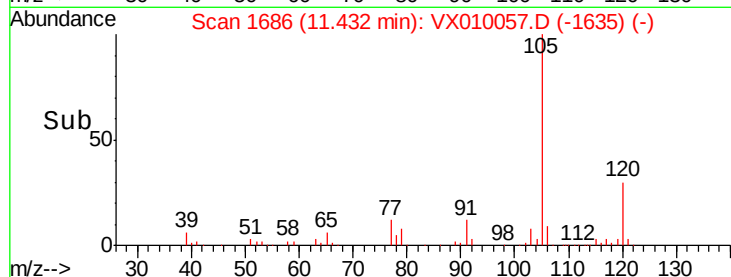
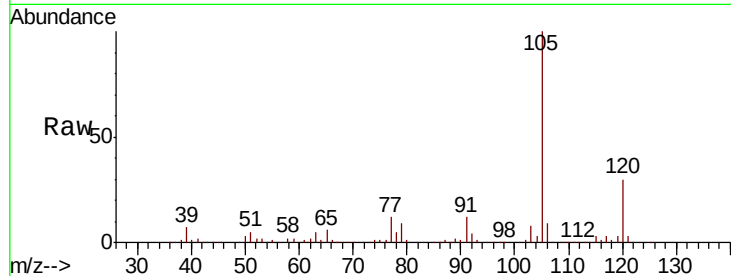




#79
 2-Chlorotoluene
 Concen: 2.508 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

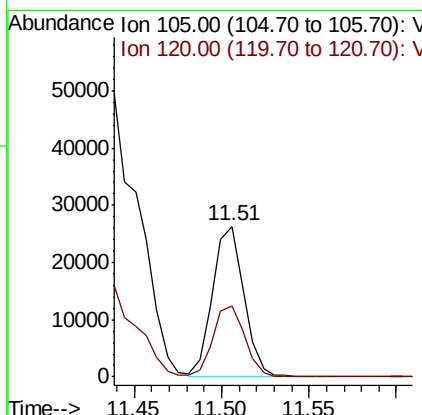
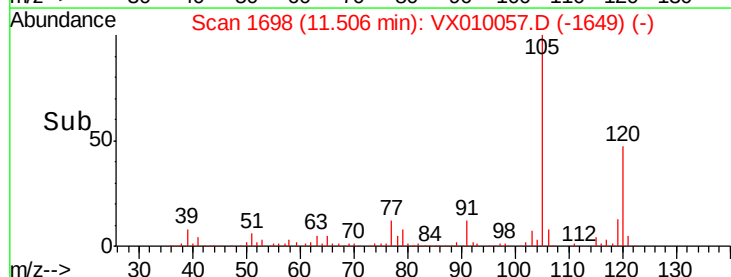
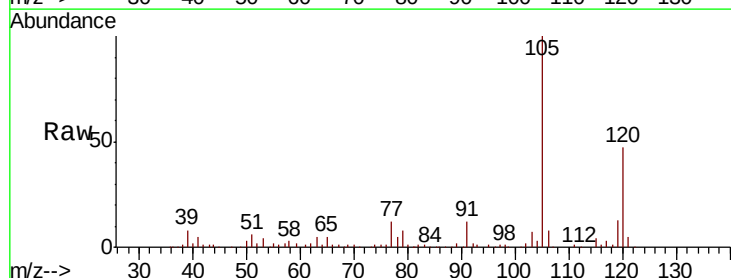
Instrument :
 MSVOA_X
 ClientSampleId :

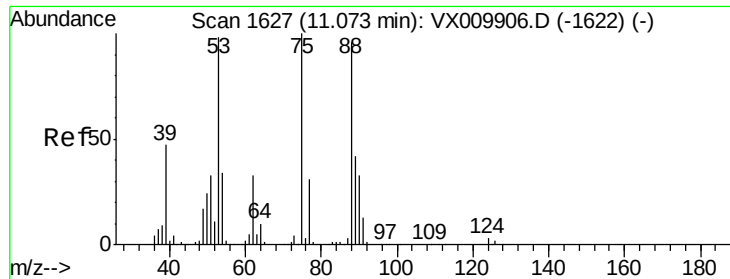
Tot Ion: 91 Resp: 13736
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.1 48.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.038 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

Tgt Ion: 105 Resp: 33017
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.3

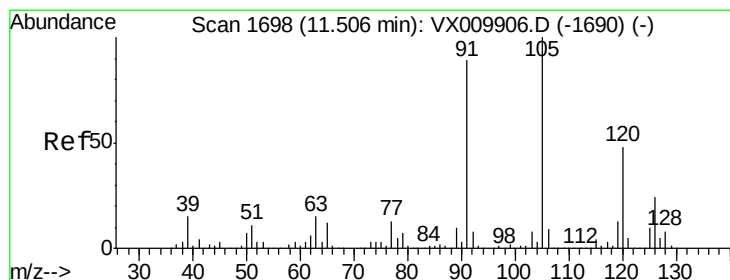
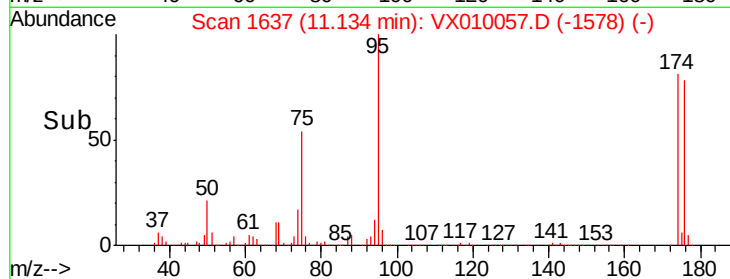
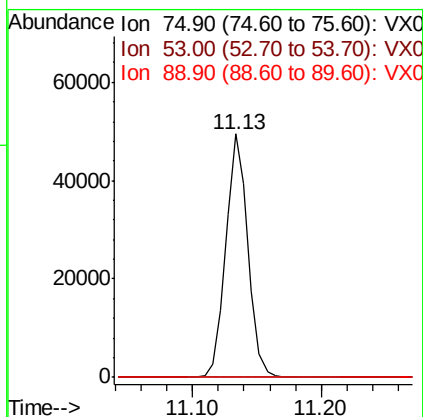
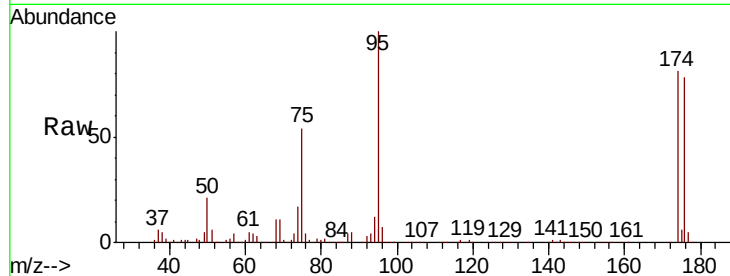




#81
trans-1,4-Dichloro-2-butene
Concen: 58.600 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

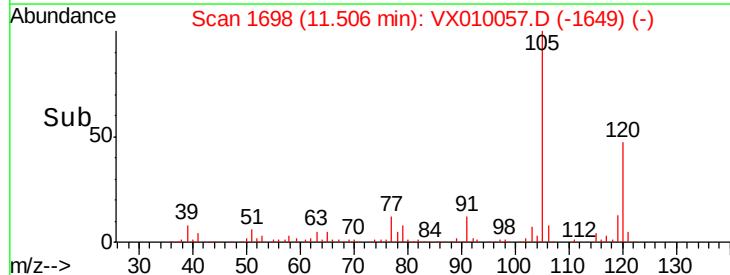
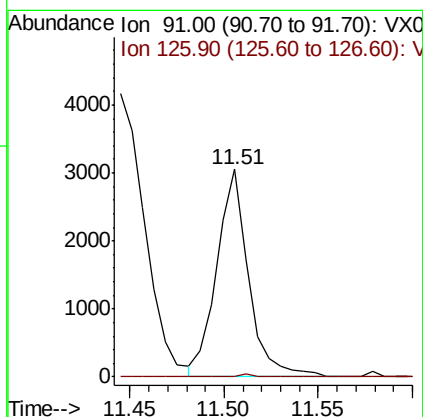
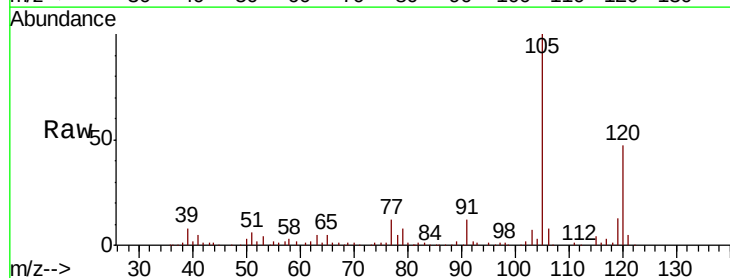
Instrument :
MSVOA_X
ClientSampleId :

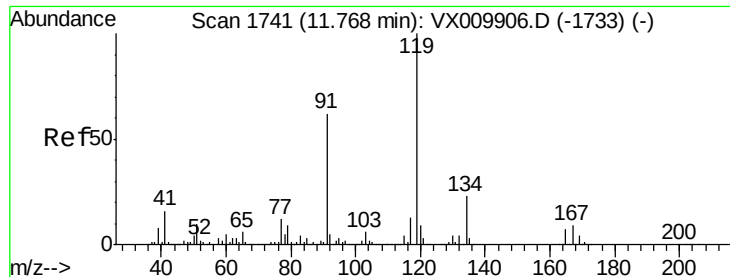
Tot Ion: 75 Resp: 59710
Ion Ratio Lower Upper
75 100
53 0.2 79.8 119.6#
89 0.0 34.2 51.4#



#82
4-Chlorotoluene
Concen: 0.562 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion: 91 Resp: 3582
Ion Ratio Lower Upper
91 100
126 0.5 14.2 42.6#

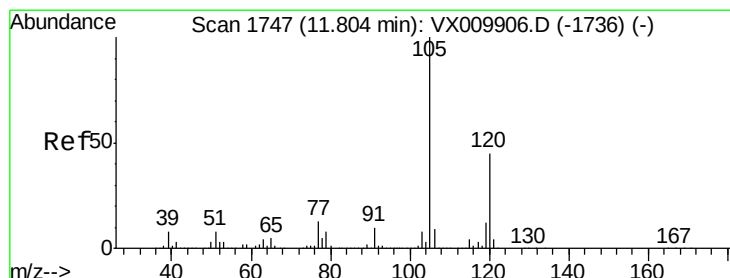
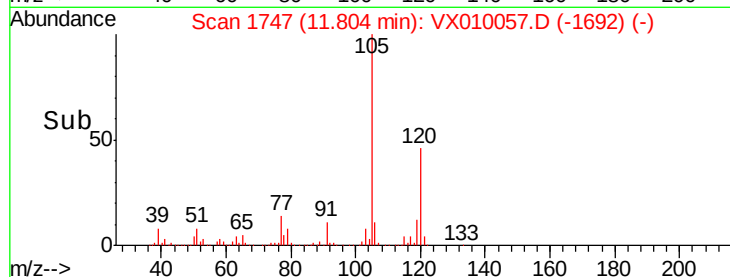
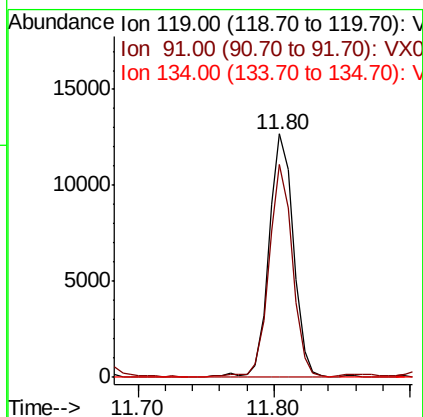
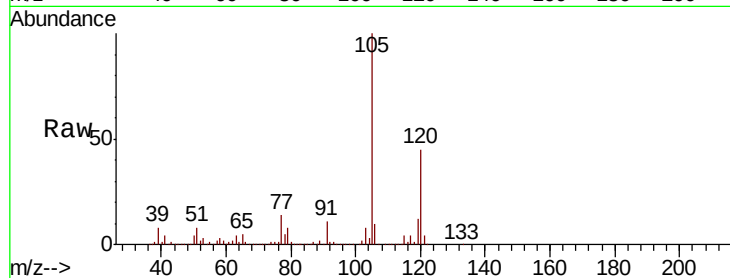




#83
 tert-Butylbenzene
 Concen: 2.568 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

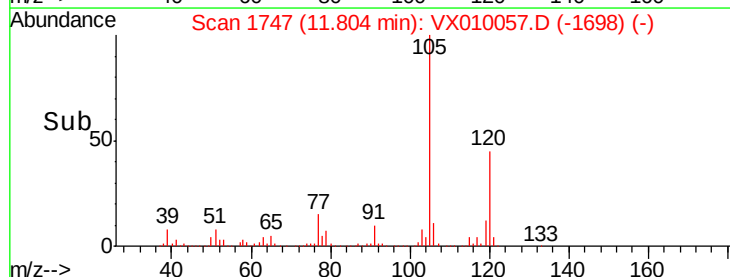
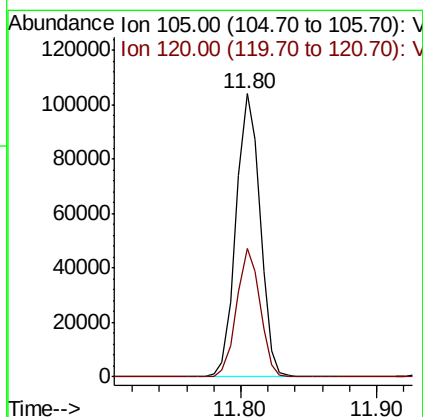
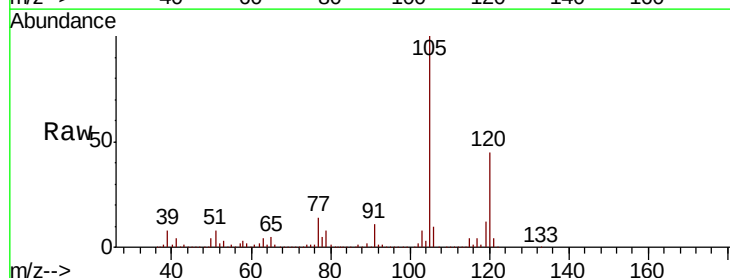
Instrument :
 MSVOA_X
 ClientSampleId :

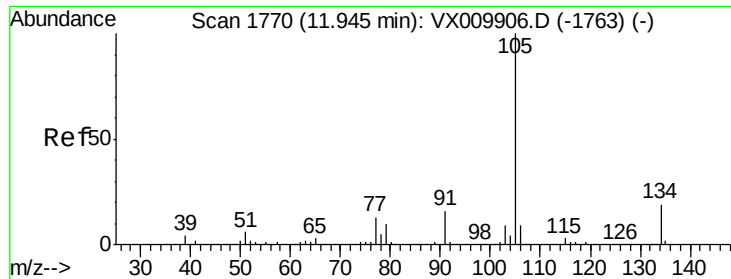
Tot Ion:119 Resp: 16102
 Ion Ratio Lower Upper
 119 100
 91 84.2 30.0 90.0
 134 0.0 11.2 33.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 19.326 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

Tgt Ion:105 Resp: 128613
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.1

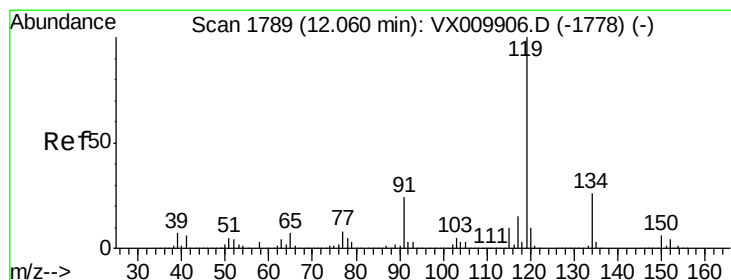
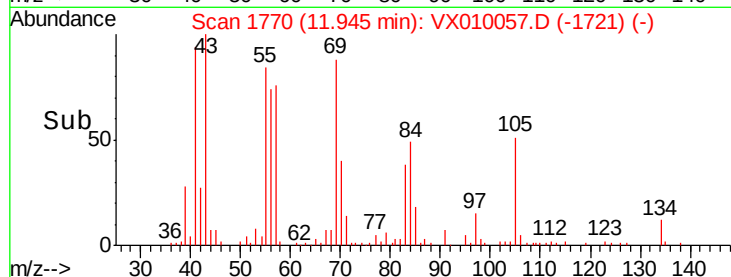
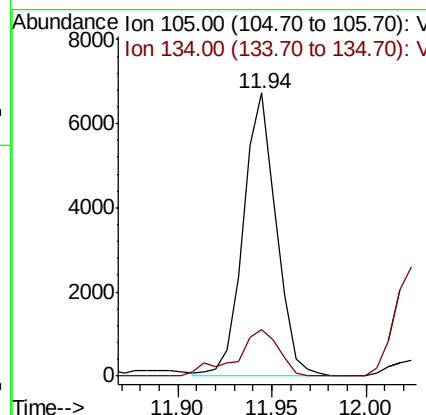
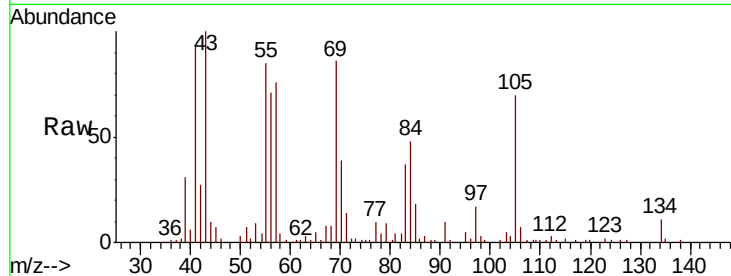




#85
 sec-Butylbenzene
 Concen: 1.092 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

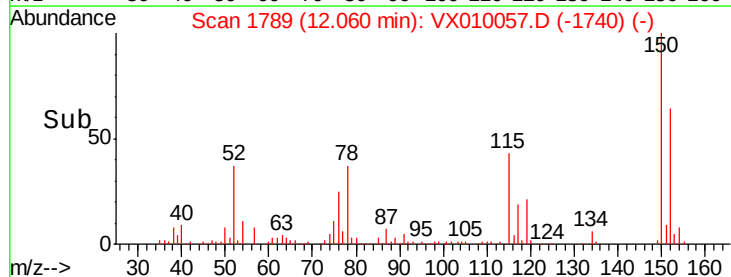
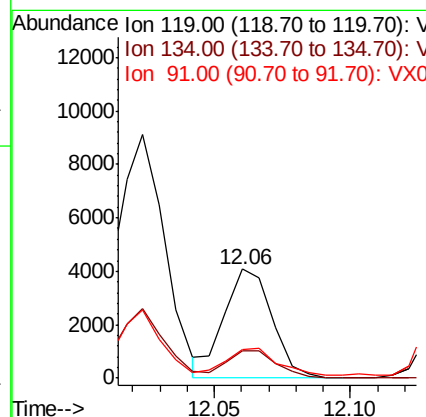
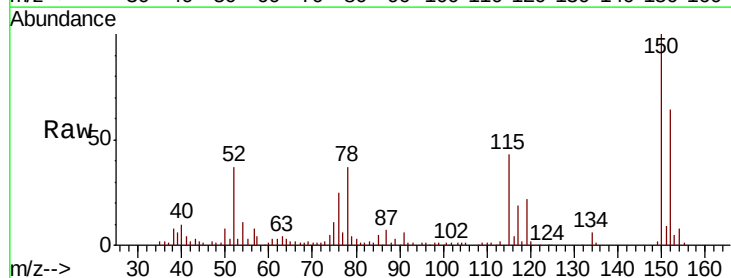
Instrument :
 MSVOA_X
 ClientSampleId :

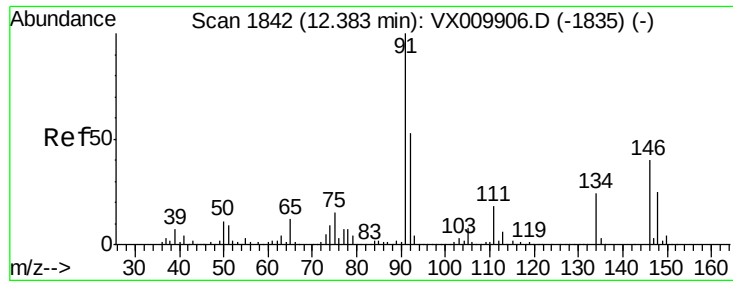
Tot Ion:105 Resp: 8142
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.745 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010057.D
 Acq: 04 Jun 2019 13:12

Tgt Ion:119 Resp: 4997
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 26.5 11.9 35.9

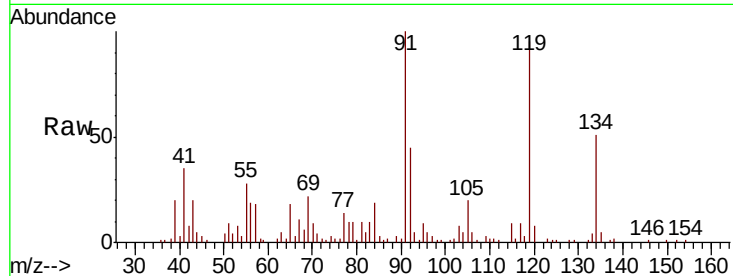




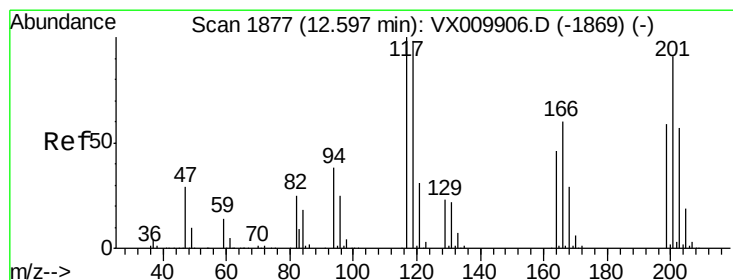
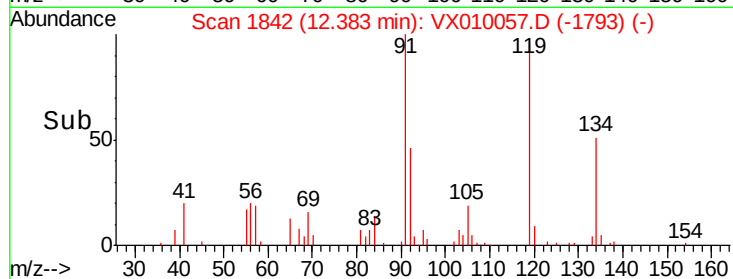
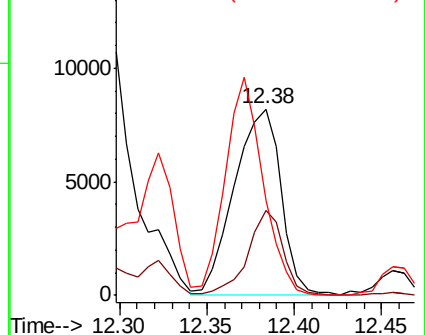
#89
n-Butylbenzene
Concen: 2.427 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 15302
Ion Ratio Lower Upper
91 100
92 34.5 26.3 78.8
134 94.5 12.3 36.8#

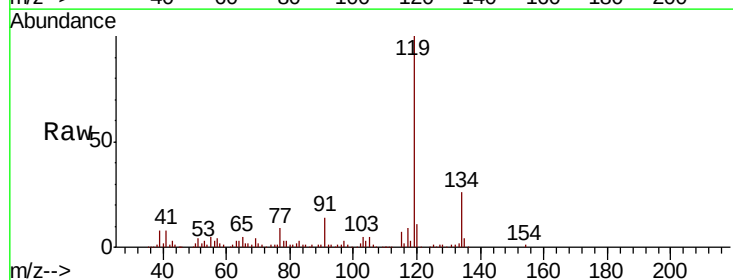


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

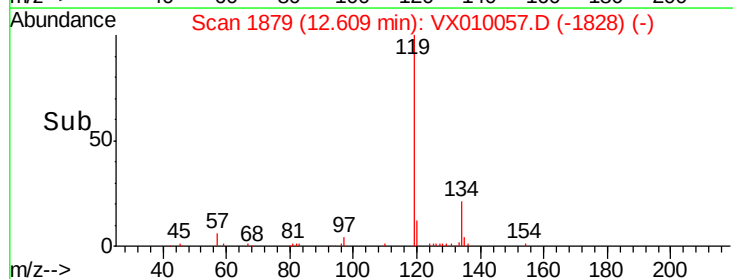
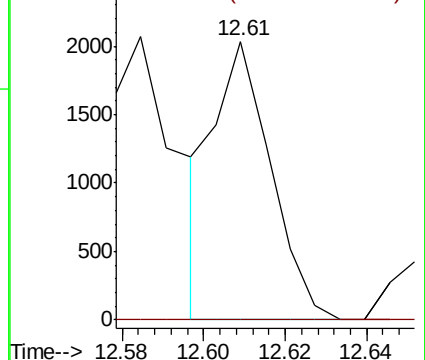


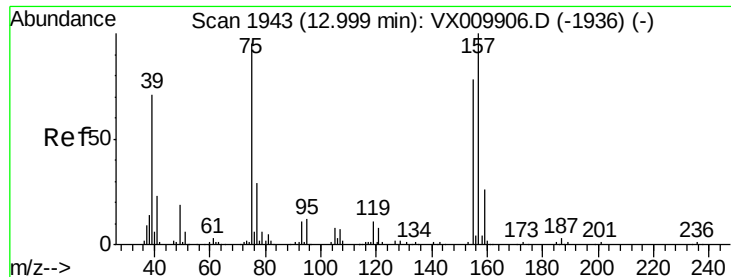
#90
Hexachloroethane
Concen: 1.702 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX010057.D
Acq: 04 Jun 2019 13:12

Tgt Ion: 117 Resp: 1960
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: 0.584 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

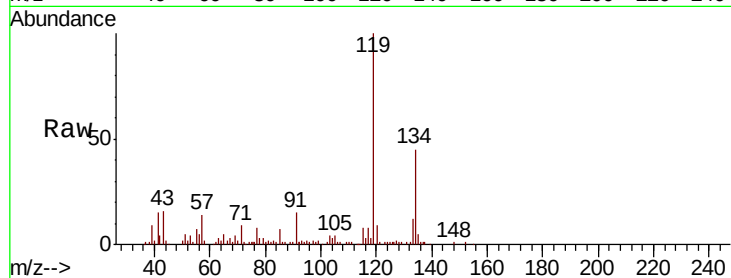
Tot Ion: 75 Resp: 399

Ion Ratio Lower Upper

75 100

155 11.8 39.3 117.8#

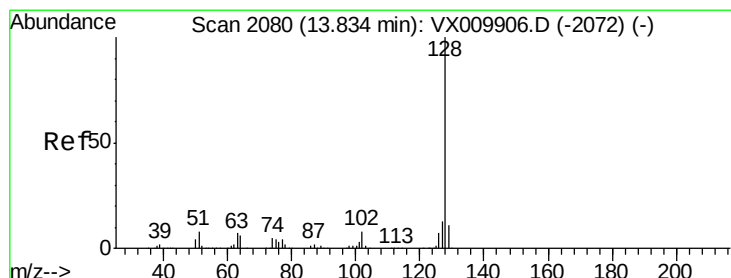
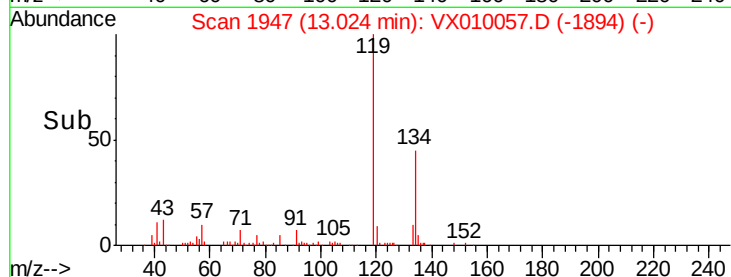
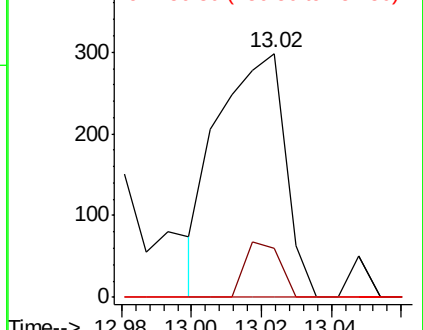
157 0.0 50.6 151.8#



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: 6.736 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010057.D

Acq: 04 Jun 2019 13:12

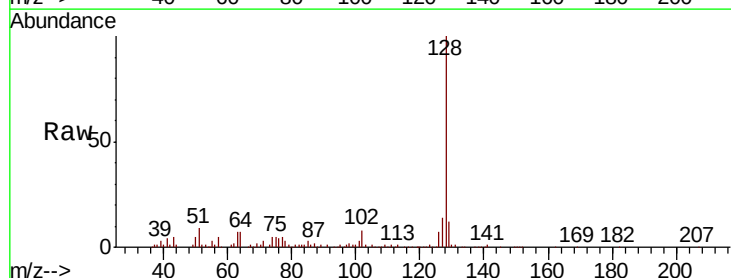
Tgt Ion: 128 Resp: 52119

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 12.2 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

