

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
 Data File : VX010068.D
 Acq On : 05 Jun 2019 11:47
 Operator : JC/SP
 Sample : K3178-03
 Misc : 1.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40061

Quant Time: Jun 05 12:27:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160059	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	254893	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103191	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	5.51	113	74507	46.49	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	8.71	98	318654	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.14	95	110493	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	600	0.228	ug/l	100
5) Bromomethane	1.64	94	1037	0.722	ug/l	96
10) Methyl Iodide	2.48	142	331	4.810	ug/l #	88
11) Tert butyl alcohol	3.01	59	493	0.886	ug/l #	73
13) Acrolein	2.27	56	19	21.141	ug/l #	1
14) Allyl chloride	2.84	41	6099	1.548	ug/l #	72
15) Acrylonitrile	3.12	53	356	0.266	ug/l #	23
16) Acetone	2.50	43	1408	1.078	ug/l #	68
17) Carbon Disulfide	2.53	76	1747	0.738	ug/l	98
18) Methyl Acetate	2.80	43	12206	4.016	ug/l #	90
20) Methylene Chloride	2.84	84	449	0.224	ug/l #	34
25) 2-Butanone	4.54	43	763	0.375	ug/l #	68
31) Cyclohexane	5.56	56	16470	4.787	ug/l #	84
36) 1,1-Dichloropropene	5.65	75	12265	4.743	ug/l #	51
37) Ethyl Acetate	4.87	43	20909	5.802	ug/l #	92
38) Carbon Tetrachloride	5.65	117	14974	6.700	ug/l #	14
39) Methylcyclohexane	7.45	83	44849	14.620	ug/l	96
40) Benzene	6.14	78	14574	1.900	ug/l	94
43) Isopropyl Acetate	6.47	43	33802	5.813	ug/l	100
48) Methyl methacrylate	7.72	41	1672	0.581	ug/l #	62
49) 1,4-Dioxane	7.89	88	83	1.550	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	2904	0.768	ug/l #	48
52) Toluene	8.78	92	43544	9.348	ug/l	99
53) t-1,3-Dichloropropene	8.97	75	71745	24.200	ug/l #	45
54) cis-1,3-Dichloropropene	8.23	75	1512	0.468	ug/l #	59
55) 1,1,2-Trichloroethane	9.16	97	6341	3.382	ug/l #	22
56) Ethyl methacrylate	9.16	69	1803	0.540	ug/l #	1
59) 2-Hexanone	9.44	43	15705	5.393	ug/l #	31
67) Ethyl Benzene	10.25	91	12583	1.486	ug/l	96
68) m/p-Xylenes	10.35	106	37063	11.850	ug/l	97
69) o-Xylene	10.70	106	9765	3.255	ug/l	95
73) Isopropylbenzene	11.02	105	3629	0.452	ug/l	99
74) N-amyl acetate	10.91	43	4512	0.940	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	57359	18.613	ug/l #	36

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

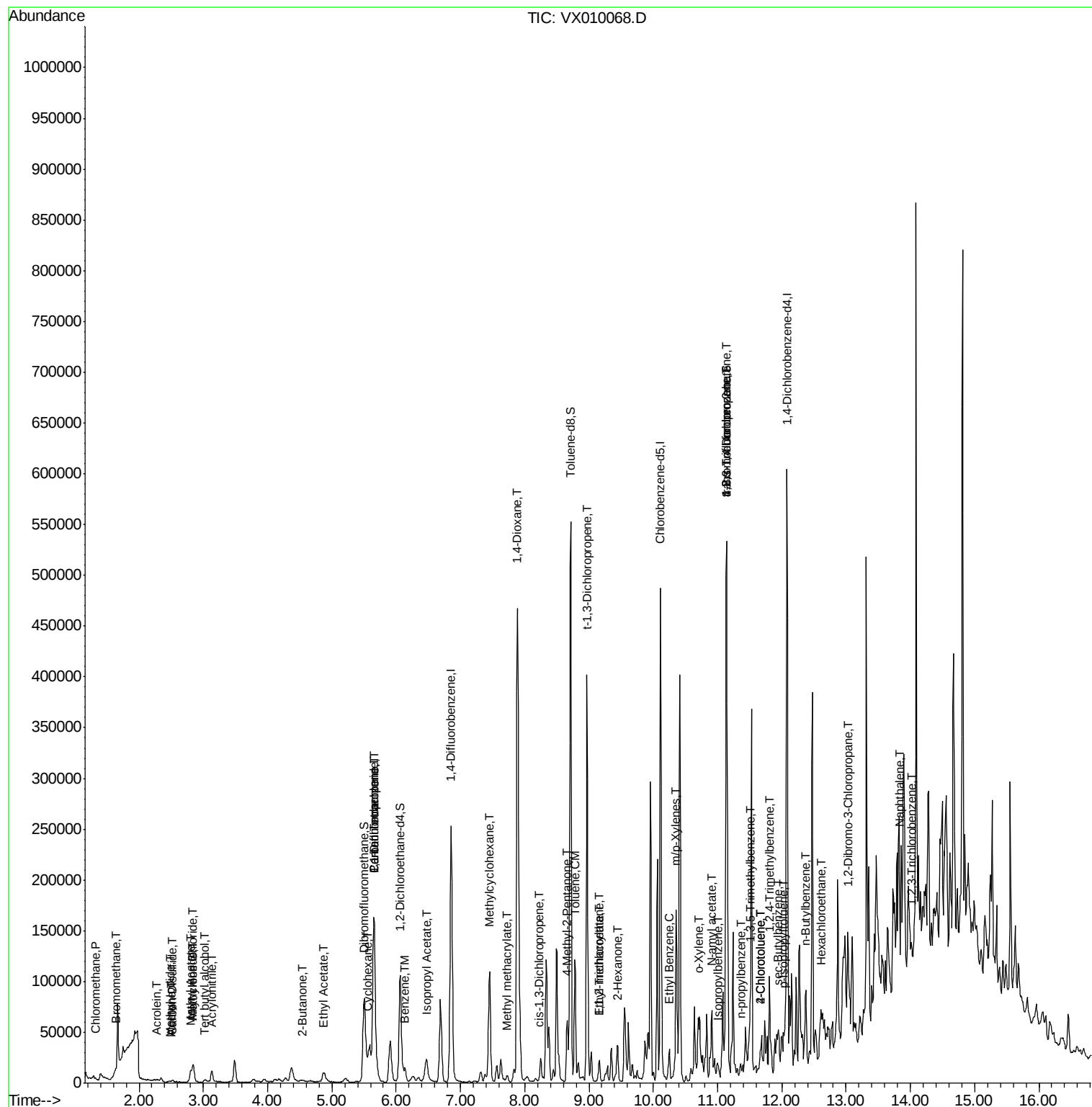
78) n-propylbenzene	11.36	91	5078	0.548	ug/l	99
79) 2-Chlorotoluene	11.66	91	1260	0.223	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	23167	3.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	57359	54.516	ug/l #	12
82) 4-Chlorotoluene	11.66	91	1336	0.203	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	34189	4.975	ug/l	99
85) sec-Butylbenzene	11.94	105	2899	0.376	ug/l	97
86) p-Isopropyltoluene	12.02	119	5720	0.826	ug/l	87
89) n-Butylbenzene	12.37	91	6215	0.955	ug/l #	22
90) Hexachloroethane	12.61	117	1989	1.673	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	209	0.296	ug/l #	1
95) Naphthalene	13.83	128	7859	0.984	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.03	180	1825	0.710	ug/l #	37

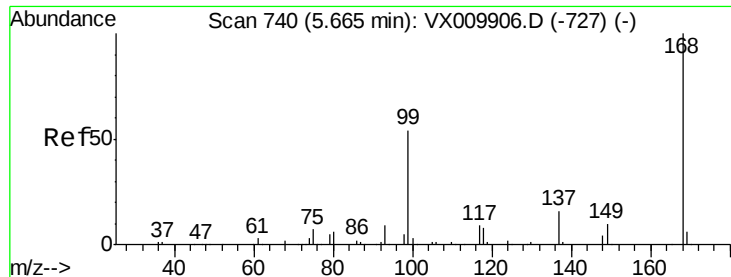
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

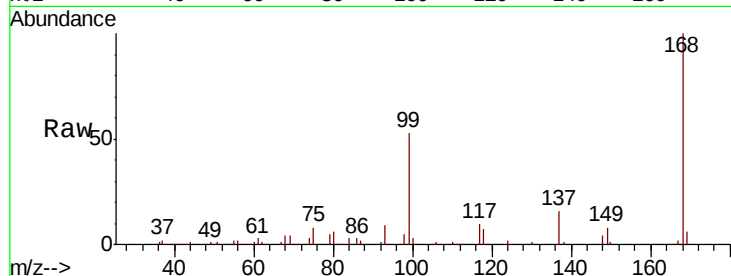
40061

Tgt Ion:168 Resp: 160059

Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

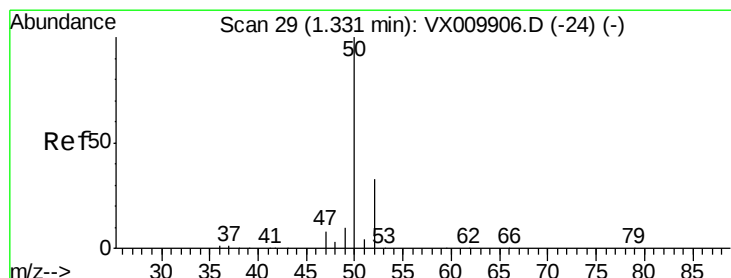
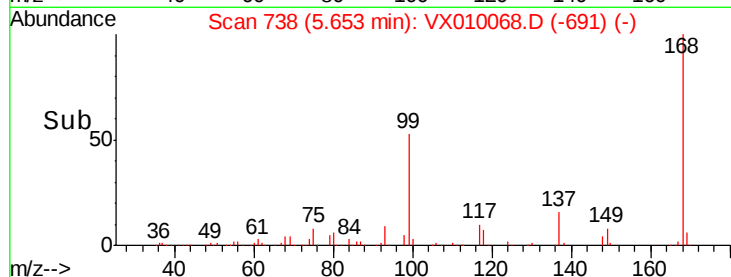
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.228 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010068.D

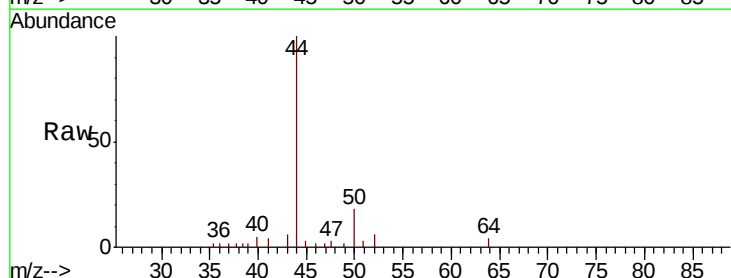
Acq: 05 Jun 2019 11:47

Tgt Ion: 50 Resp: 600

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

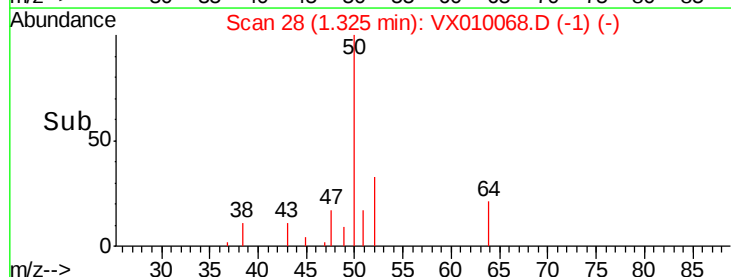
300

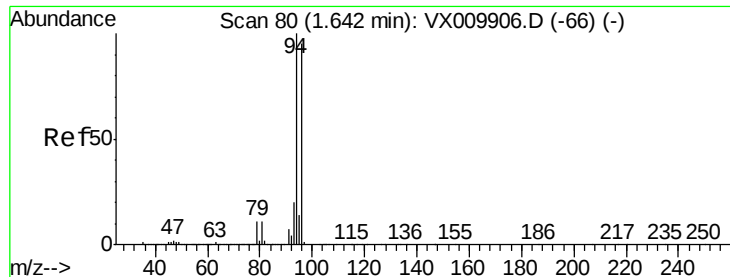
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.722 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

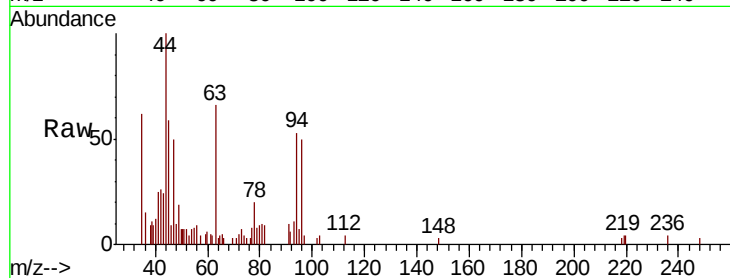
40061

Tgt Ion: 94 Resp: 1037

Ion Ratio Lower Upper

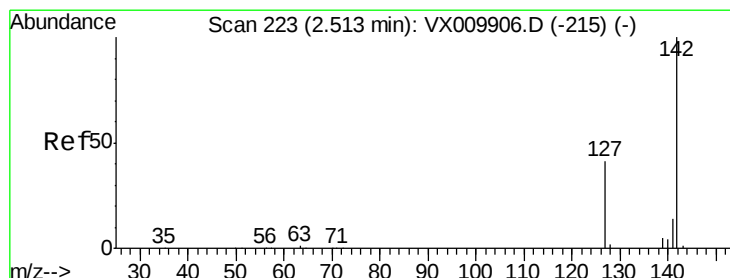
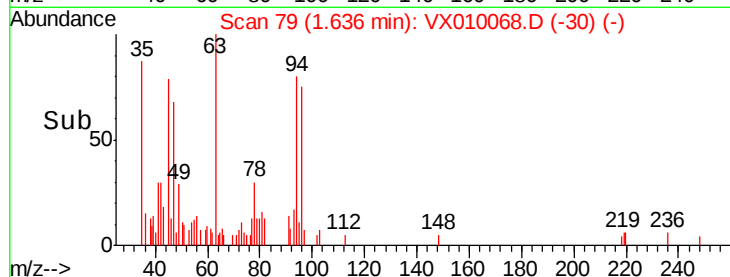
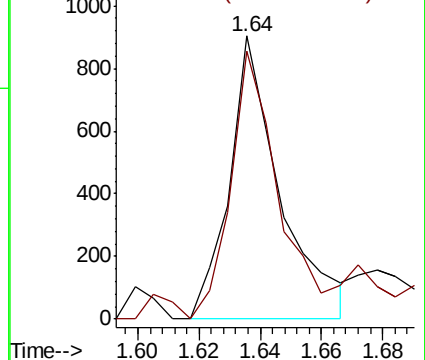
94 100

96 94.7 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.810 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.02 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

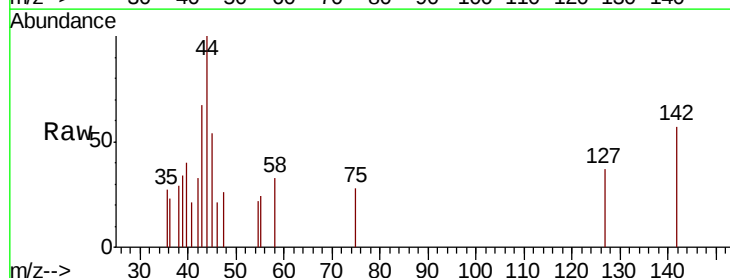
Tgt Ion: 142 Resp: 331

Ion Ratio Lower Upper

142 100

127 43.5 32.7 49.1

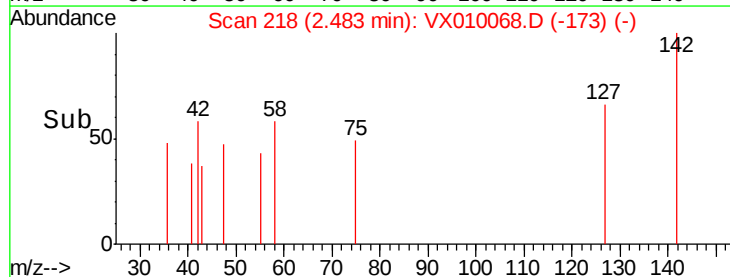
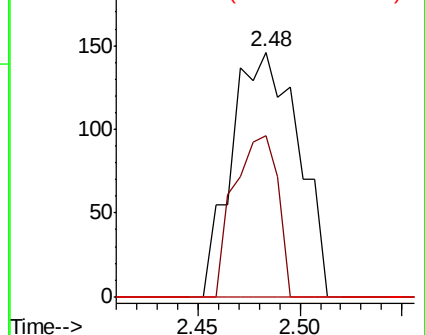
141 0.0 11.5 17.3#

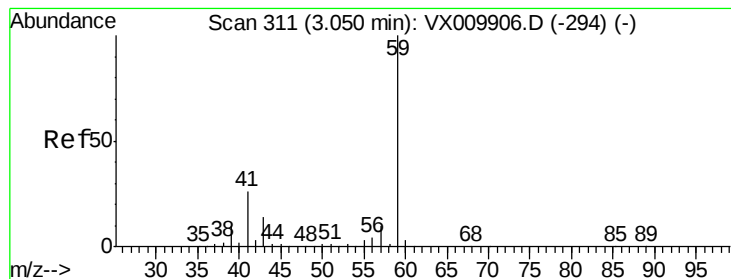


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



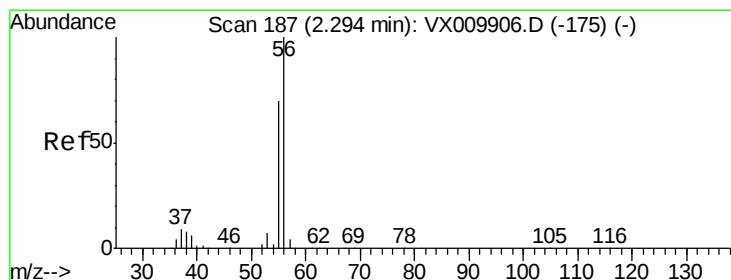
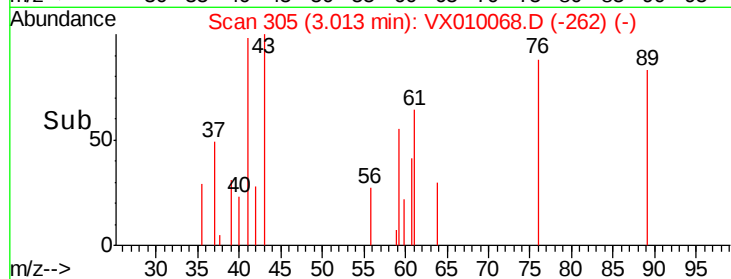
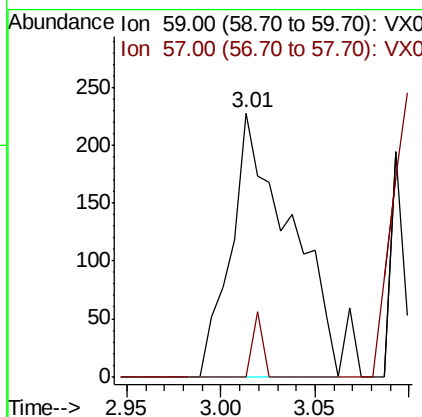
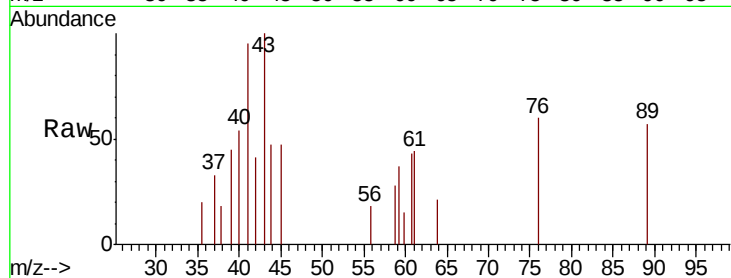


#11

Tert butyl alcohol
 Concen: 0.886 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Instrument :
 MSVOA_X
 ClientSampled :
 40061

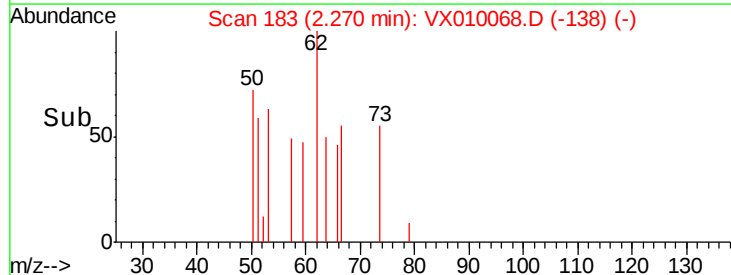
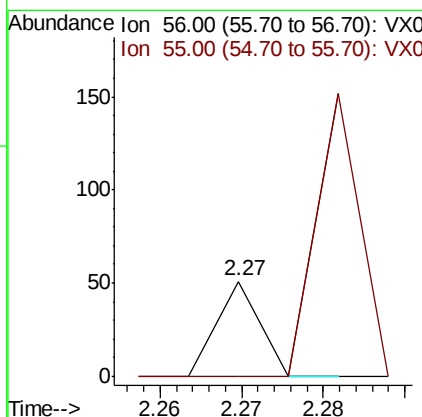
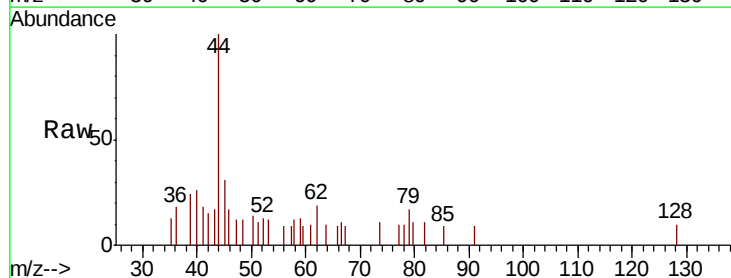
Tgt Ion: 59 Resp: 493
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

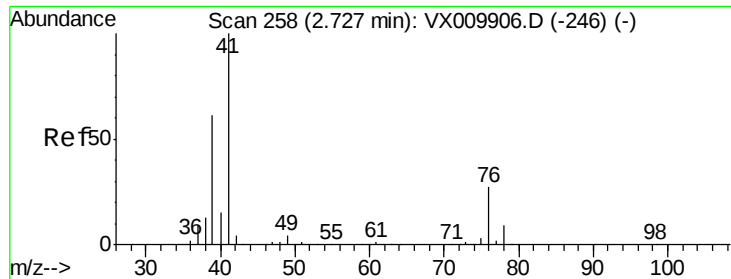


#13

Acrolein
 Concen: 21.141 ug/l
 RT: 2.27 min Scan# 183
 Delta R.T. -0.02 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 294.7 56.6 85.0#





#14

Allyl chloride

Concen: 1.548 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.11 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

40061

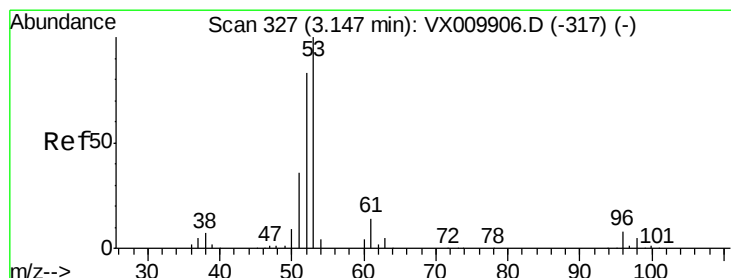
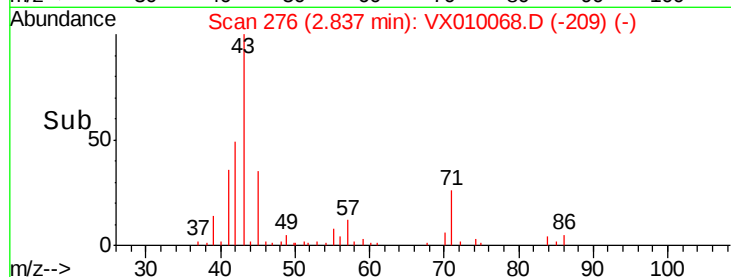
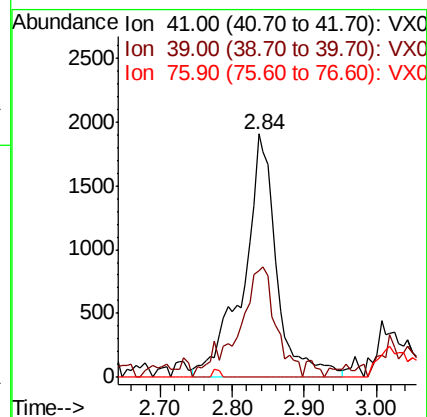
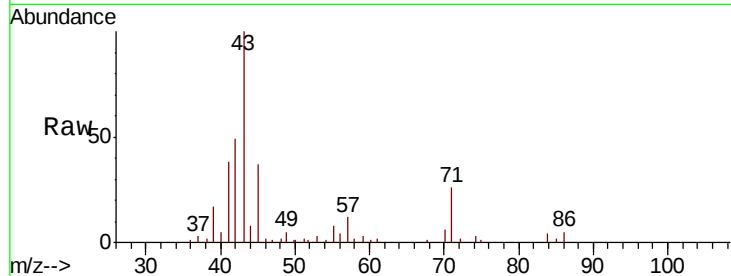
Tgt Ion: 41 Resp: 6099

Ion Ratio Lower Upper

41 100

39 46.0 46.7 70.1#

76 0.0 21.8 32.8#



#15

Acrylonitrile

Concen: 0.266 ug/l

RT: 3.12 min Scan# 323

Delta R.T. -0.02 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

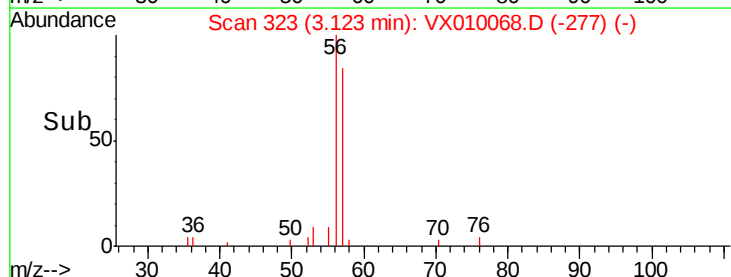
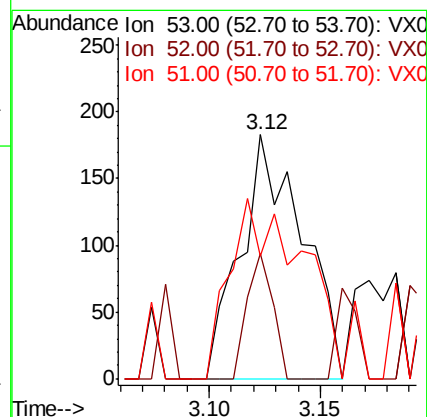
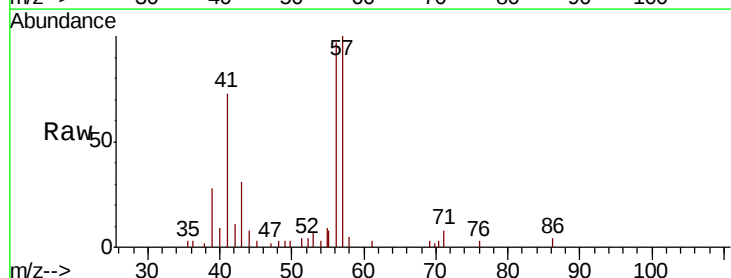
Tgt Ion: 53 Resp: 356

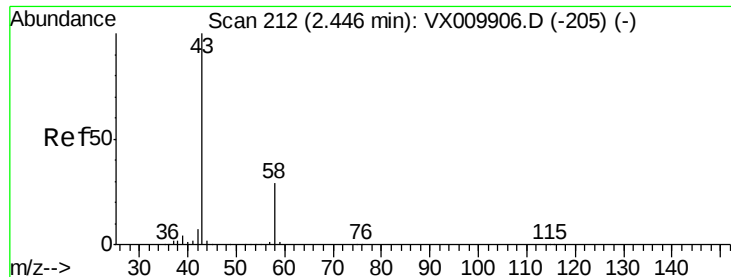
Ion Ratio Lower Upper

53 100

52 21.3 66.9 100.3#

51 91.6 28.2 42.2#





#16

Acetone

Concen: 1.078 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.06 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

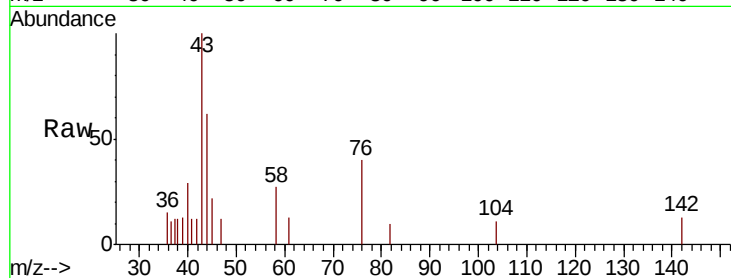
40061

Tgt Ion: 43 Resp: 1408

Ion Ratio Lower Upper

43 100

58 13.3 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.50

600

500

400

300

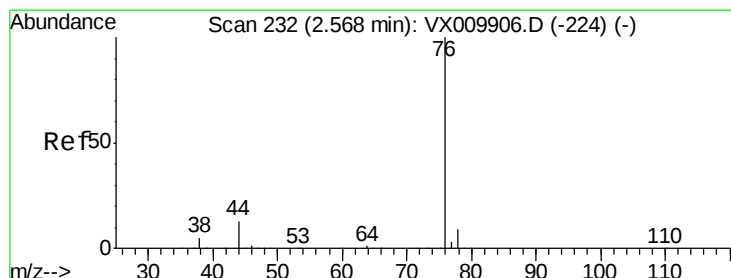
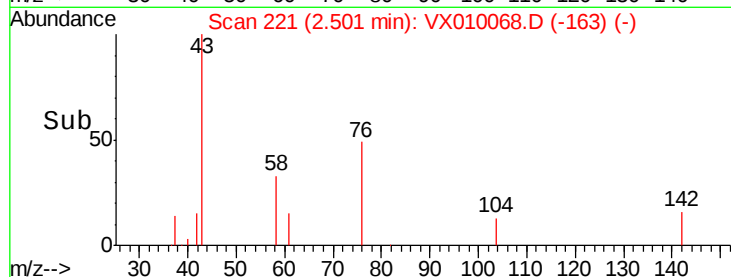
200

100

0

2.40 2.45 2.50 2.55 2.60

Time-->



#17

Carbon Disulfide

Concen: 0.738 ug/l

RT: 2.53 min Scan# 225

Delta R.T. -0.04 min

Lab File: VX010068.D

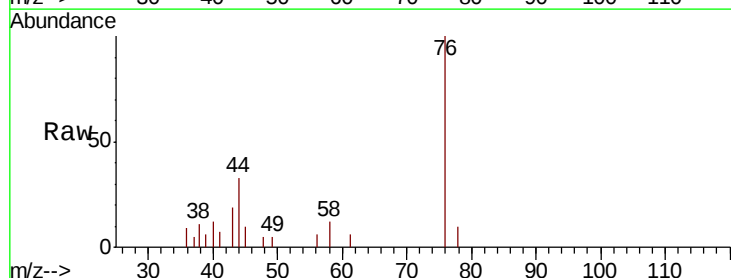
Acq: 05 Jun 2019 11:47

Tgt Ion: 76 Resp: 1747

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1200

1000

800

600

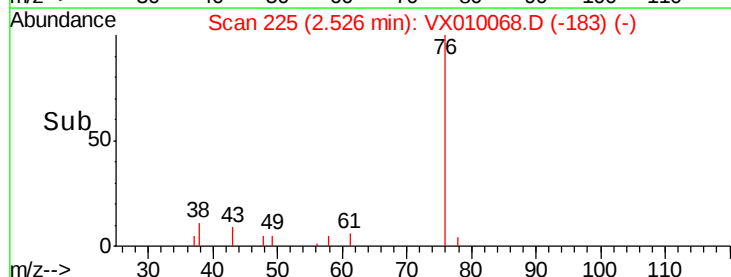
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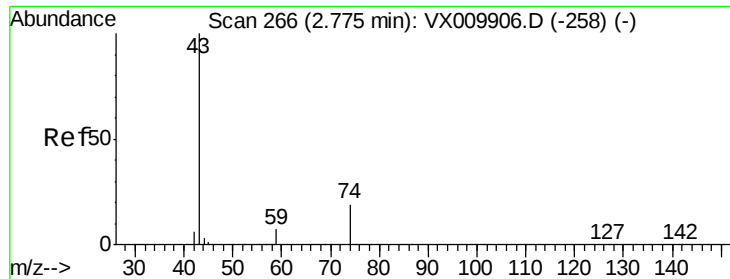
200

0

2.50 2.55

Time-->

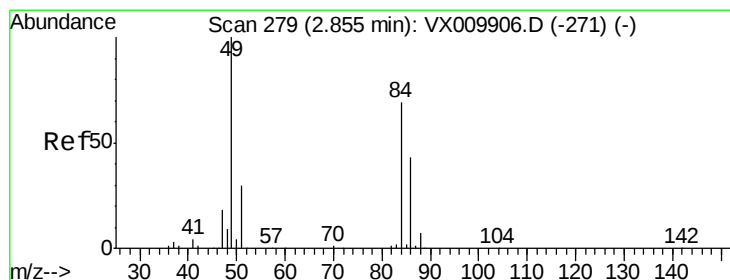
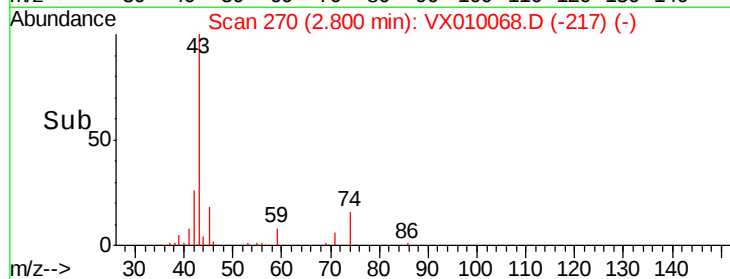
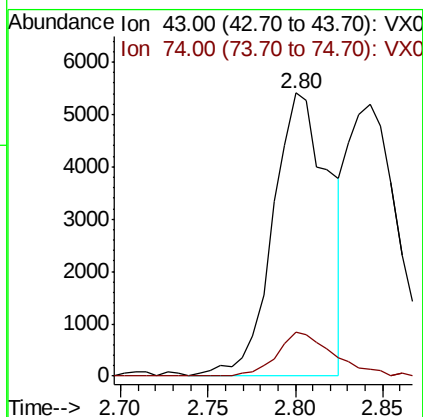
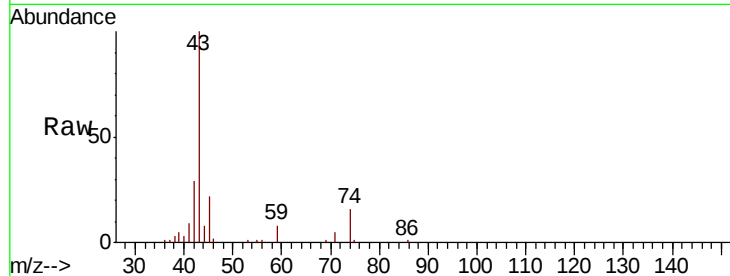




#18
Methyl Acetate
Concen: 4.016 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

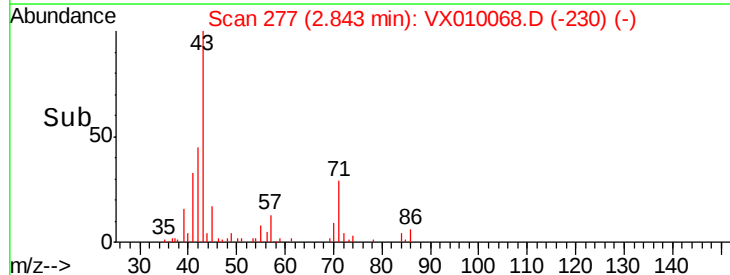
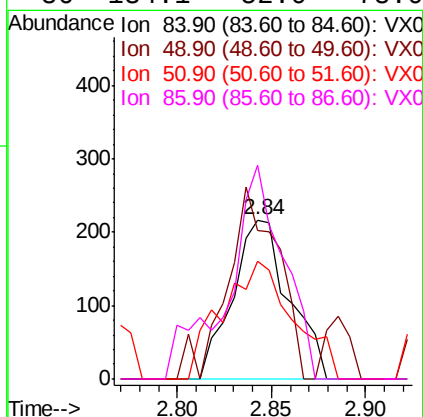
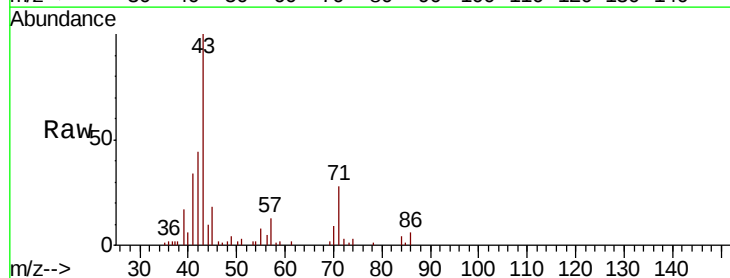
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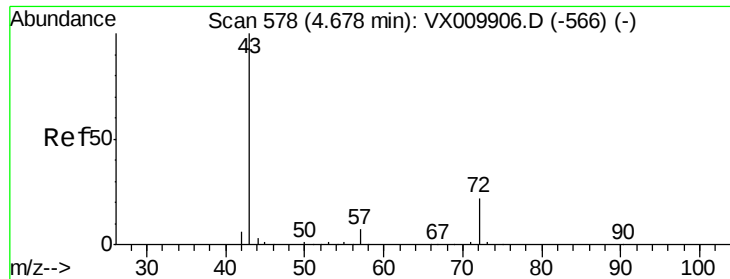
Tgt Ion: 43 Resp: 12206
Ion Ratio Lower Upper
43 100
74 15.6 16.2 24.4#



#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 84 Resp: 449
Ion Ratio Lower Upper
84 100
49 65.4 109.9 164.9#
51 74.2 32.7 49.1#
86 134.1 52.0 78.0#





#25

2-Butanone

Concen: 0.375 ug/l

RT: 4.54 min Scan# 556

Delta R.T. -0.13 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

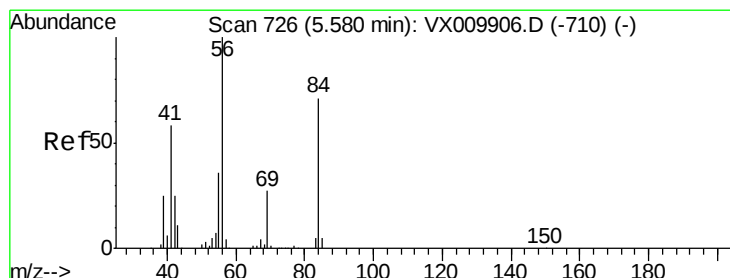
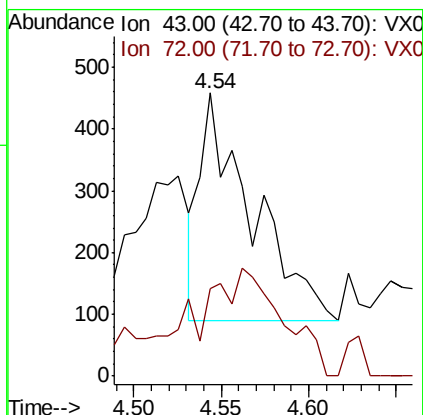
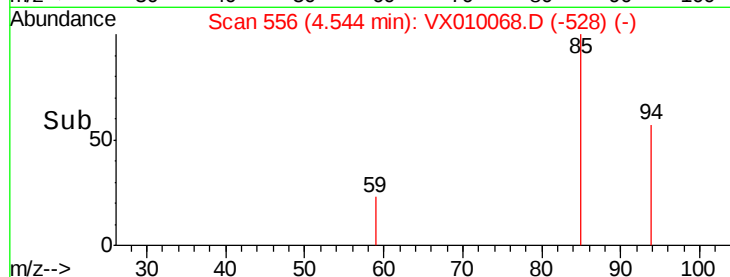
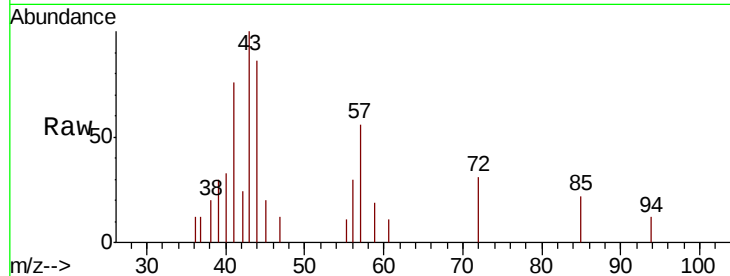
40061

Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

72 38.2 18.2 27.2#



#31

Cyclohexane

Concen: 4.787 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

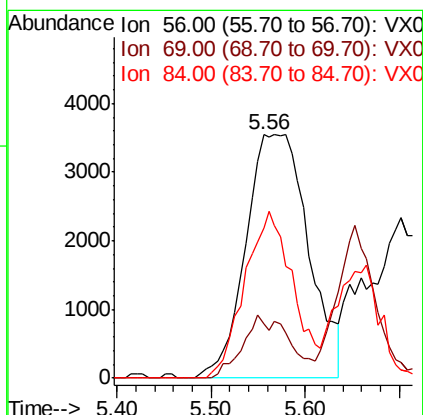
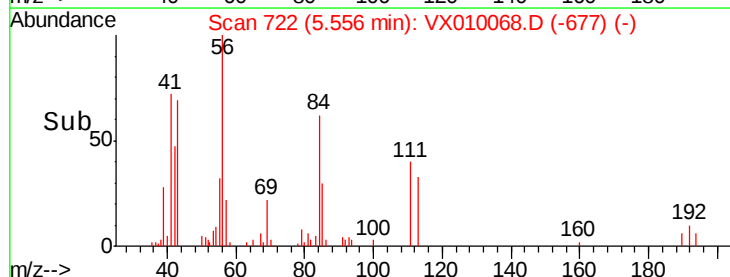
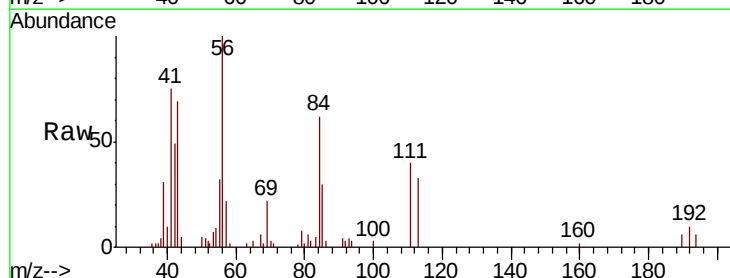
Tgt Ion: 56 Resp: 16470

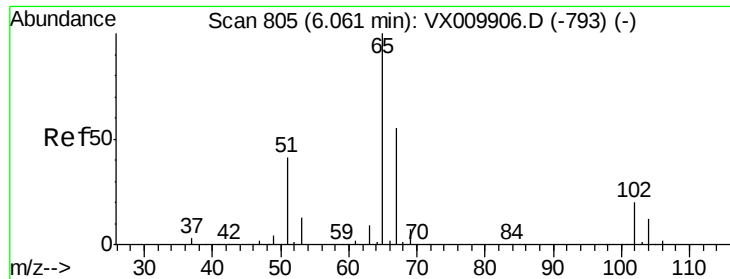
Ion Ratio Lower Upper

56 100

69 22.4 23.4 35.0#

84 61.9 61.9 92.9#

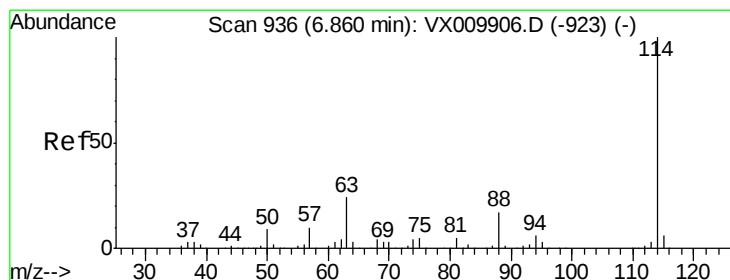
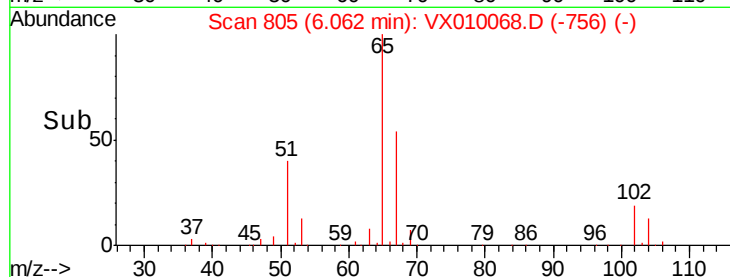
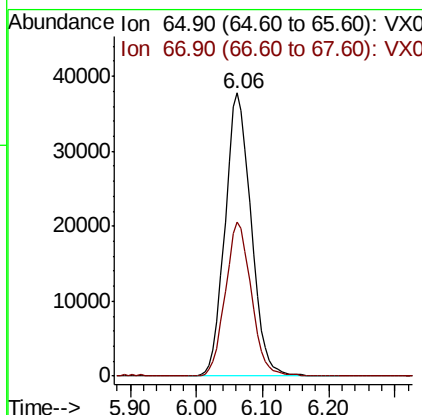
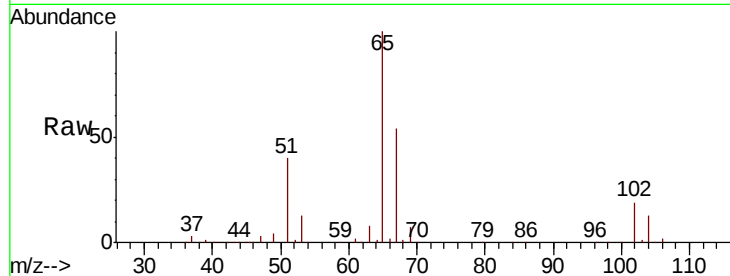




#33
 1,2-Dichloroethane-d4
 Concen: 45.640 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

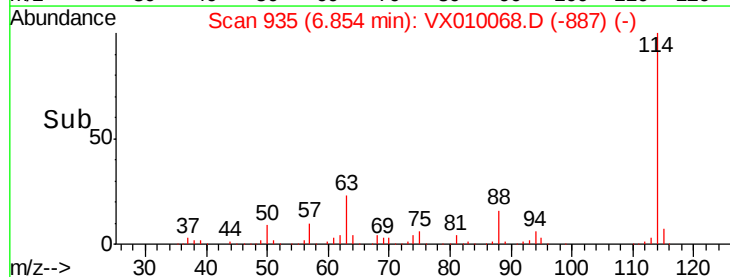
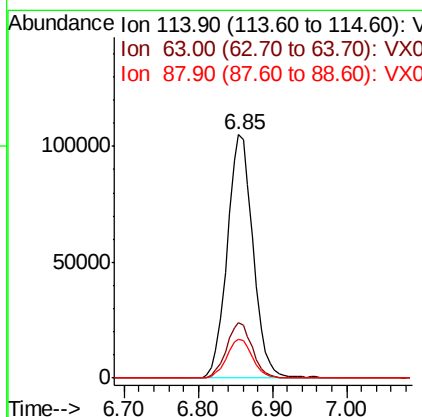
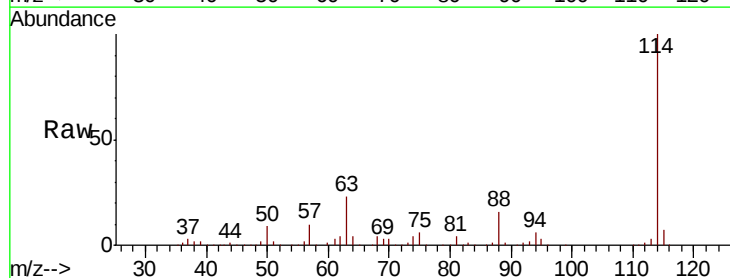
Instrument :
 MSVOA_X
 ClientSampleId :
 40061

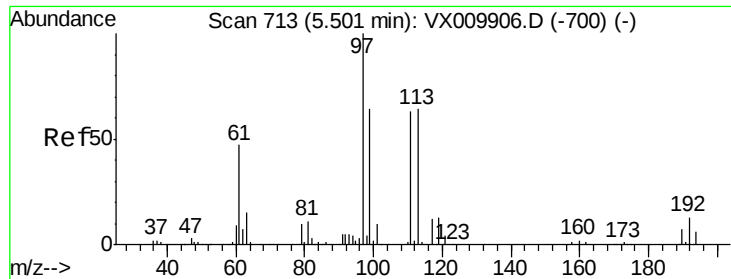
Tgt Ion: 65 Resp: 103191
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 114 Resp: 254893
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.1 0.0 33.2

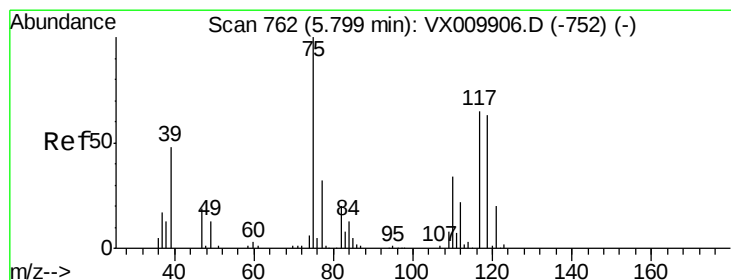
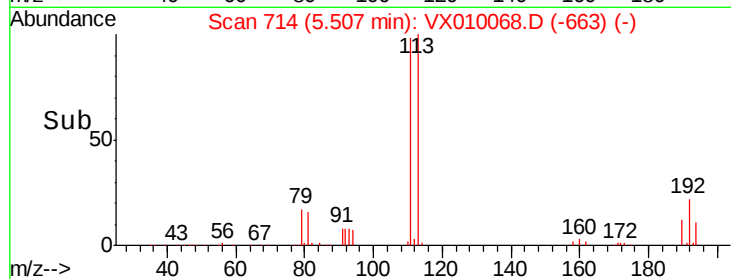
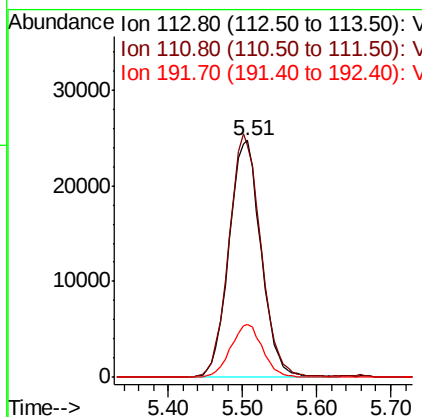
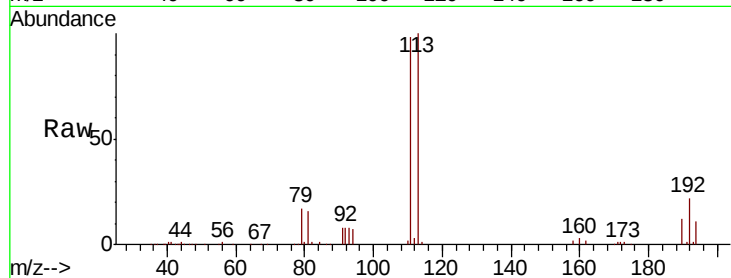




#35
 Dibromofluoromethane
 Concen: 46.494 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

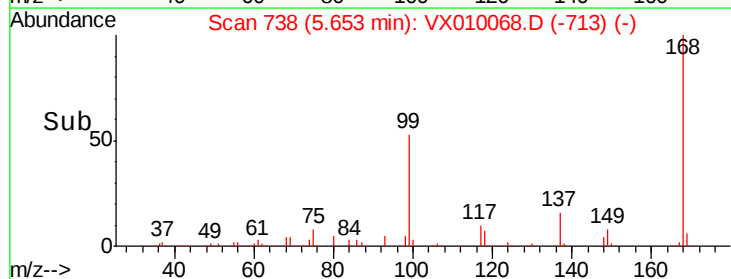
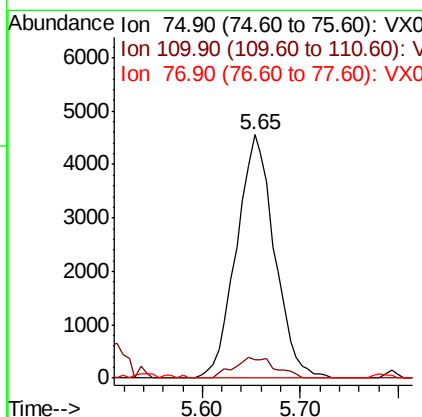
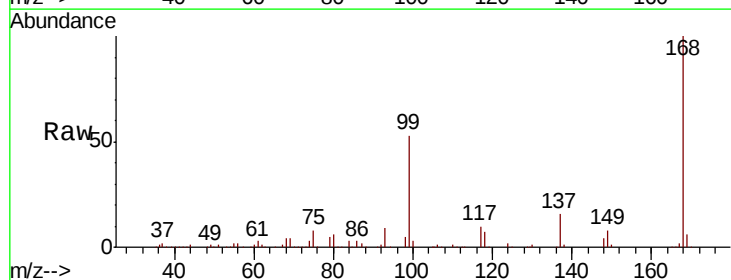
Instrument :
 MSVOA_X
 ClientSampleId :
 40061

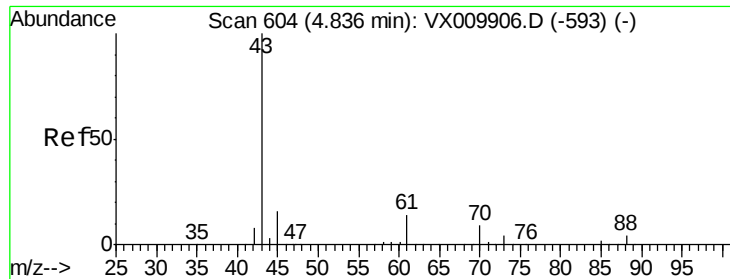
Tgt Ion:113 Resp: 74507
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 22.3 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.743 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 75 Resp: 12265
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.9 50.6#
 77 0.0 24.8 37.2#

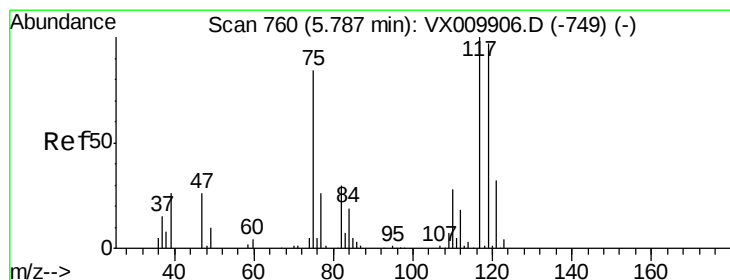
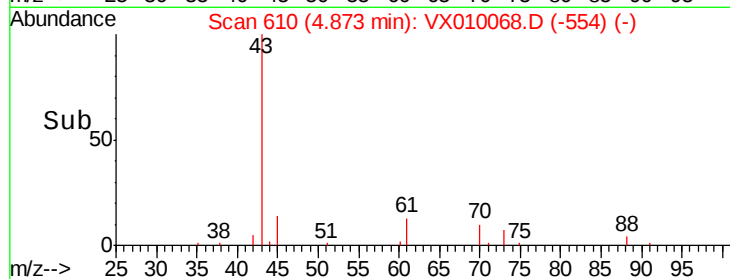
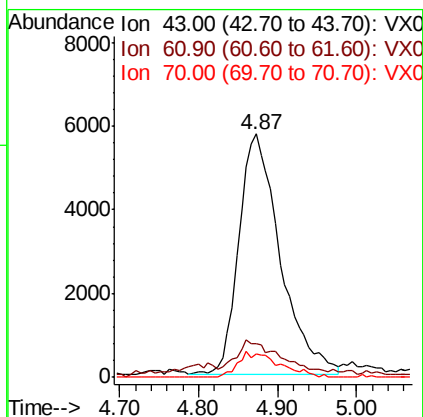
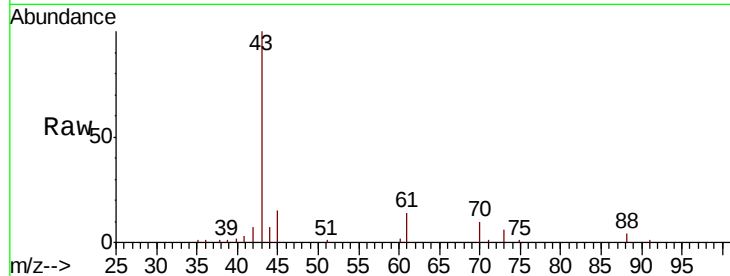




#37
Ethyl Acetate
Concen: 5.802 ug/l
RT: 4.87 min Scan# 610
Delta R.T. 0.04 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

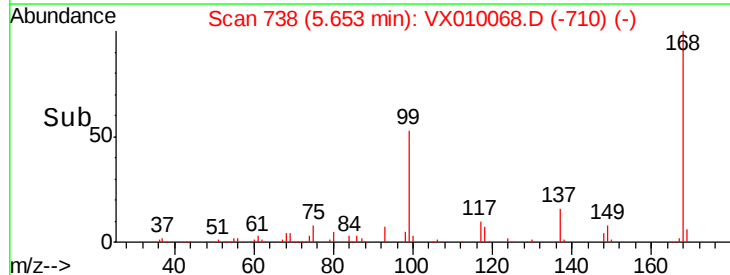
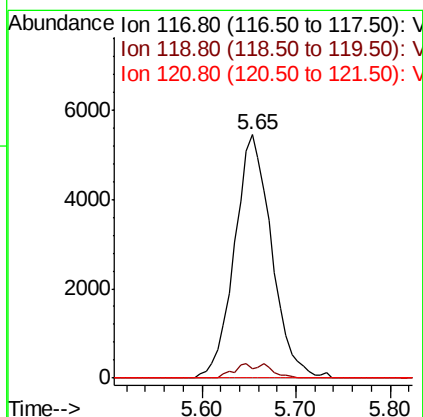
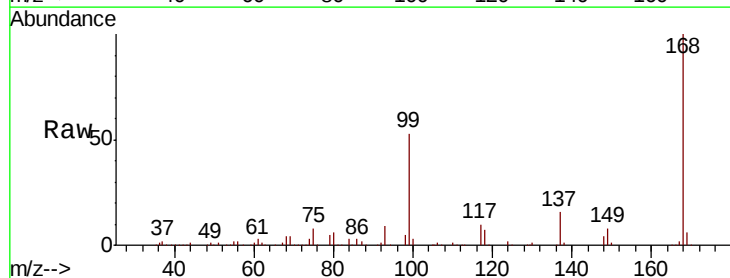
Instrument :
MSVOA_X
ClientSampleId :
40061

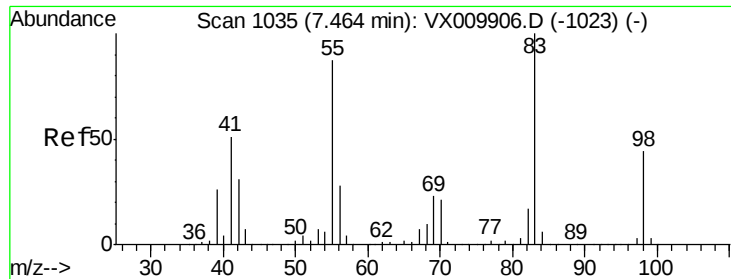
Tgt Ion: 43 Resp: 20909
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 3.8 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.700 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 117 Resp: 14974
Ion Ratio Lower Upper
117 100
119 3.6 77.5 116.3#
121 0.0 24.7 37.1#

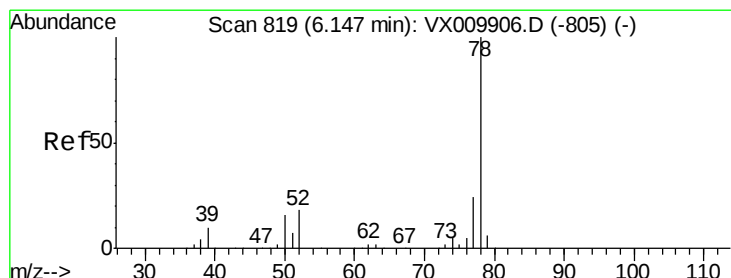
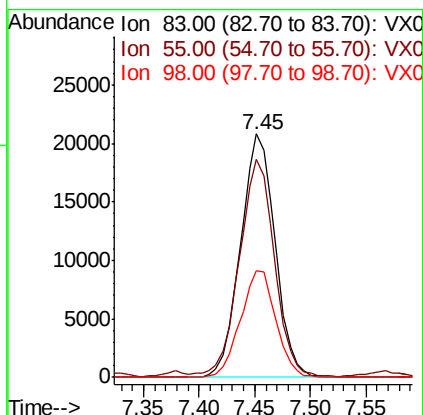
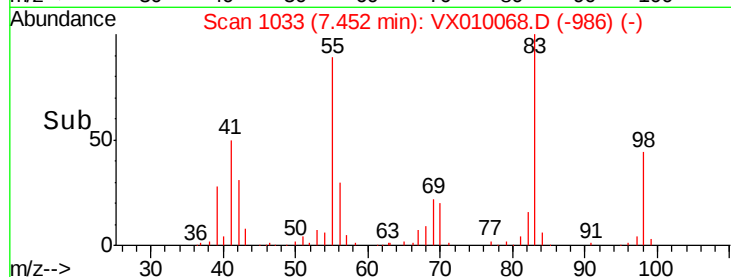
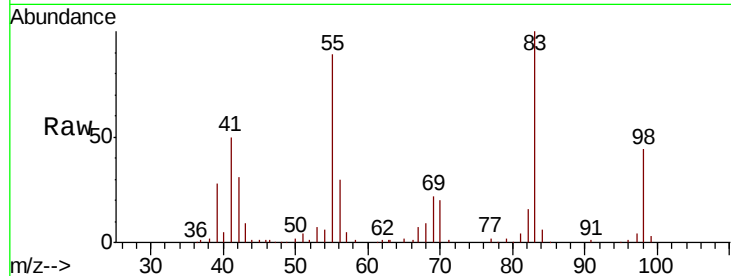




#39
Methylcyclohexane
Concen: 14.620 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

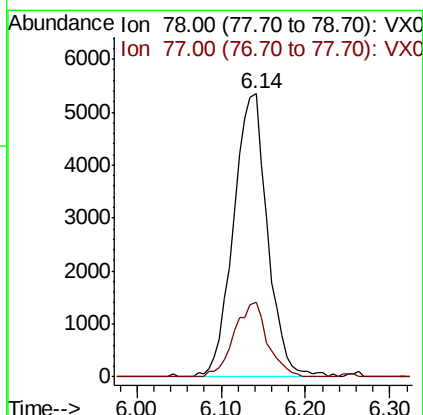
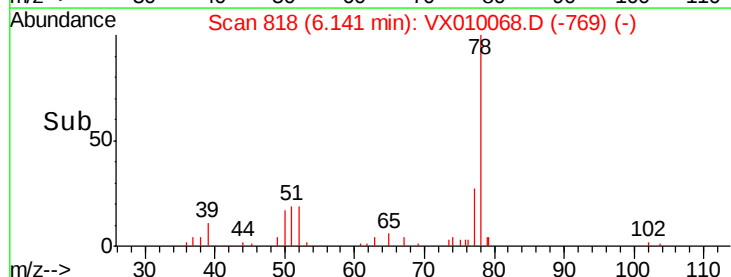
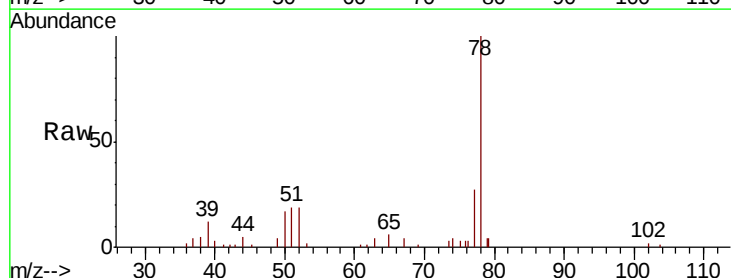
Instrument :
MSVOA_X
ClientSampled :
40061

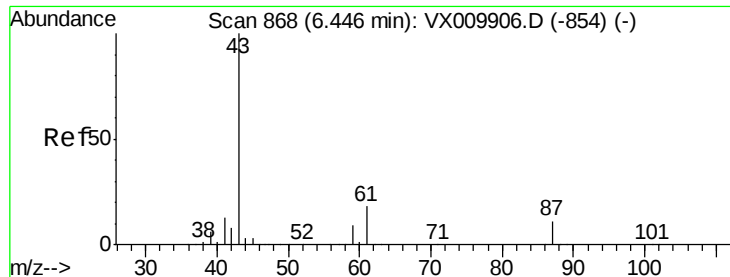
Tgt Ion: 83 Resp: 44849
Ion Ratio Lower Upper
83 100
55 89.0 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 1.900 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 78 Resp: 14574
Ion Ratio Lower Upper
78 100
77 26.5 18.8 28.2





#43

Isopropyl Acetate

Concen: 5.813 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.02 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

40061

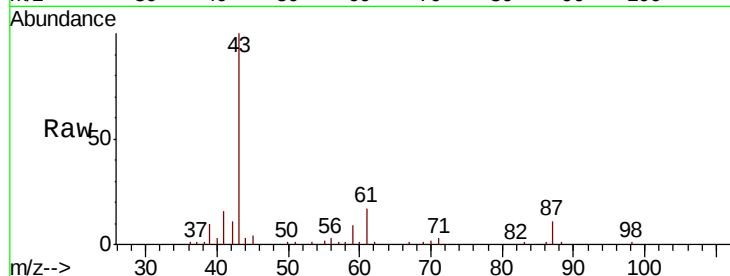
Tgt Ion: 43 Resp: 33802

Ion Ratio Lower Upper

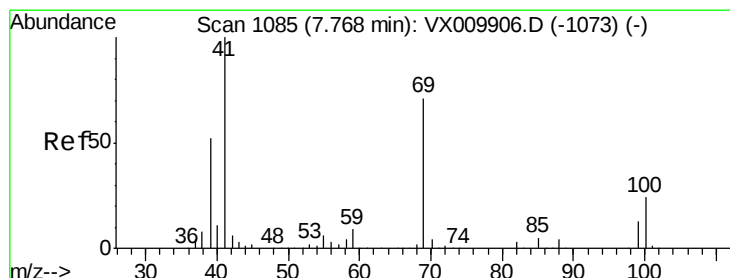
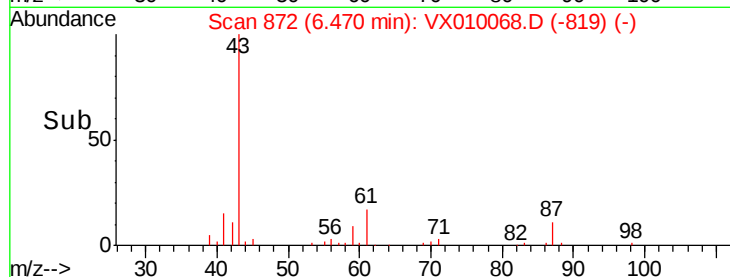
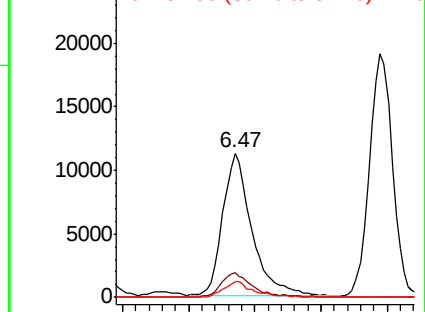
43 100

61 18.8 15.1 22.7

87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 0.581 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.05 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

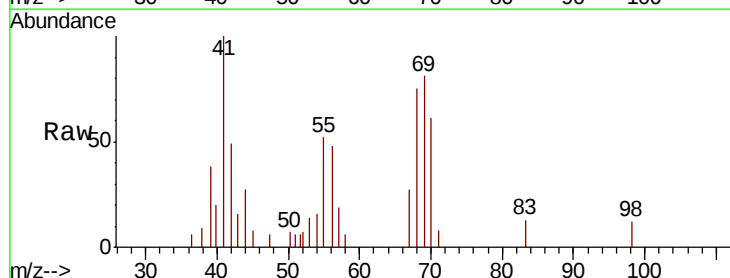
Tgt Ion: 41 Resp: 1672

Ion Ratio Lower Upper

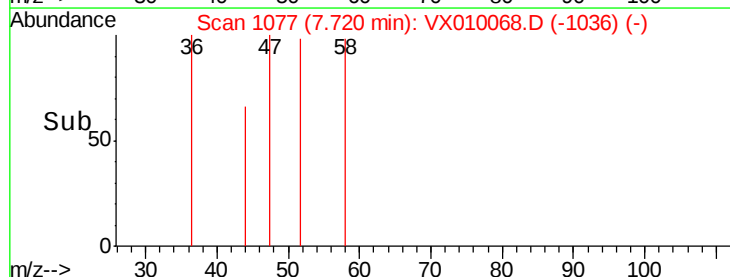
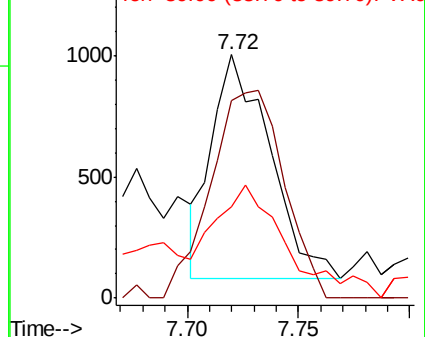
41 100

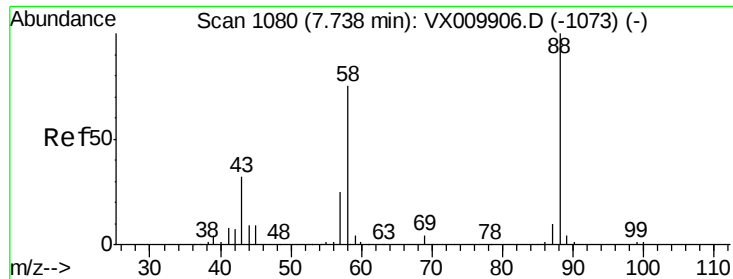
69 117.2 59.1 88.7#

39 64.1 40.4 60.6#



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





#49

1,4-Dioxane

Concen: 1.550 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.15 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

40061

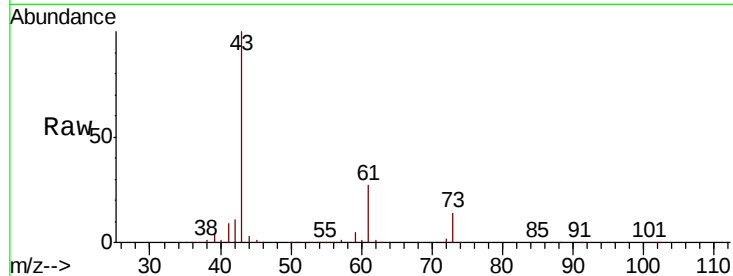
Tgt Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 708530.1 28.6 42.8#

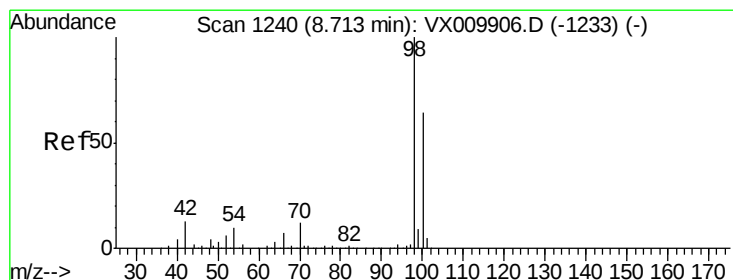
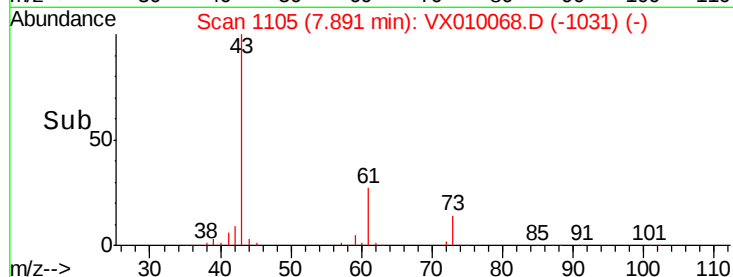
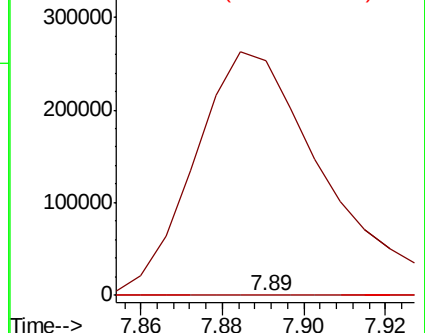
58 3184.3 61.7 92.5#



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: 48.967 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010068.D

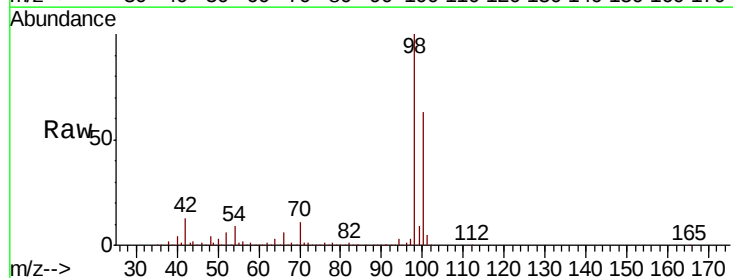
Acq: 05 Jun 2019 11:47

Tgt Ion: 98 Resp: 318654

Ion Ratio Lower Upper

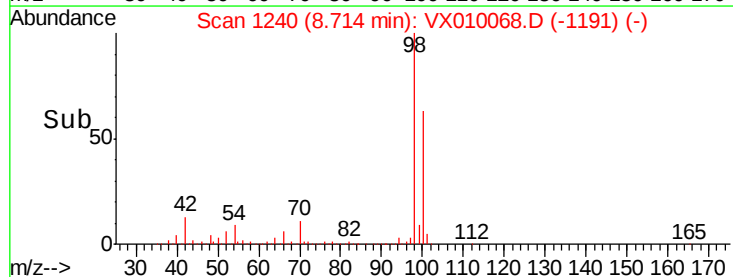
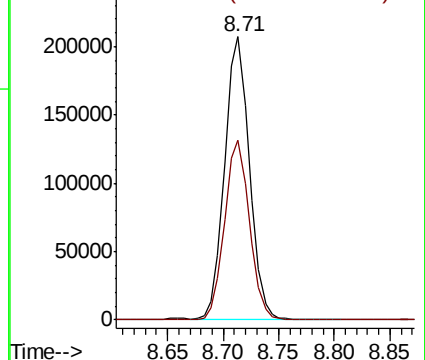
98 100

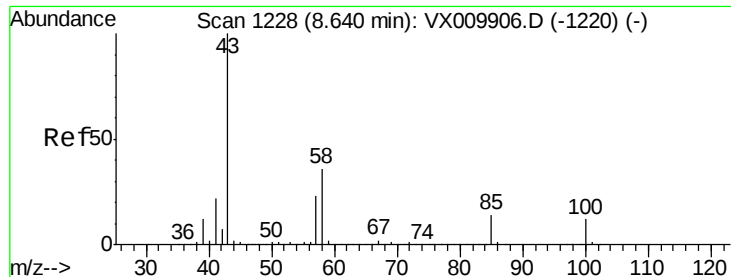
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

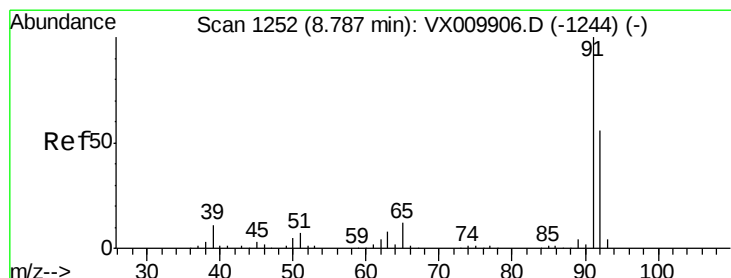
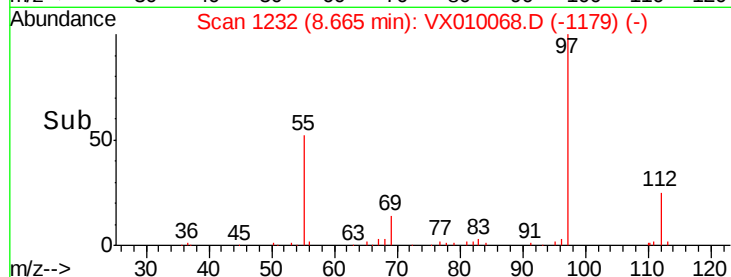
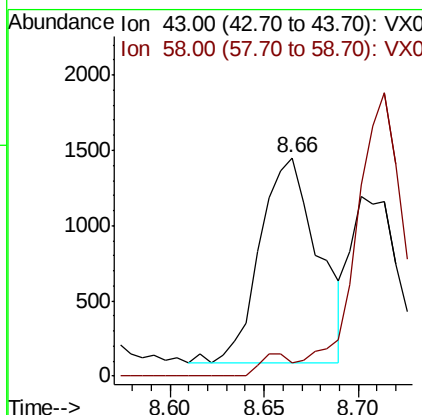
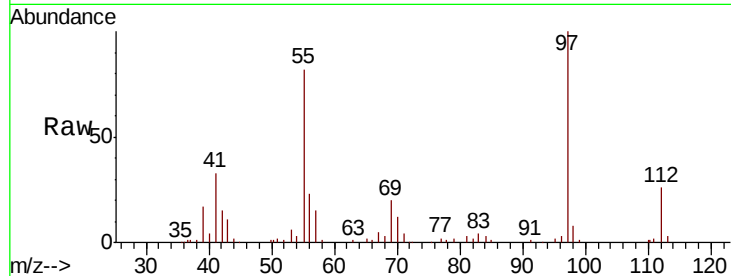




#51
 4-Methyl-2-Pentanone
 Concen: 0.768 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

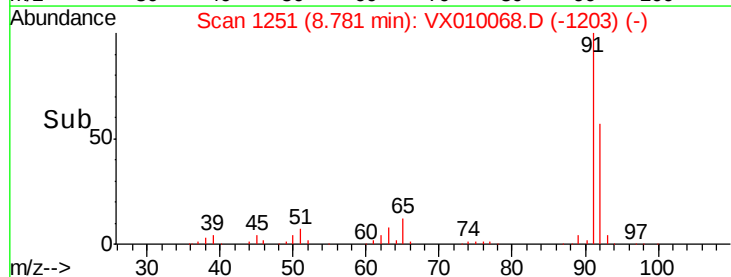
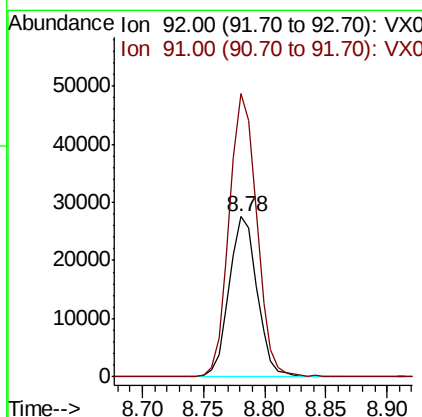
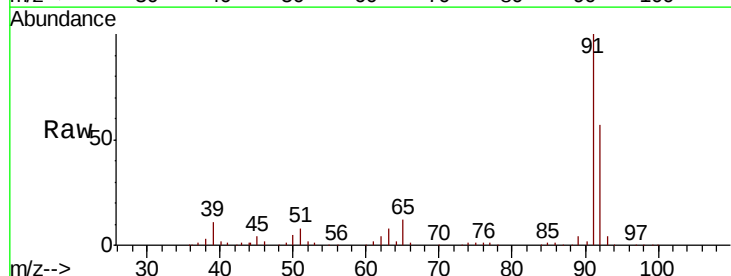
Instrument :
 MSVOA_X
 ClientSampleID :
 40061

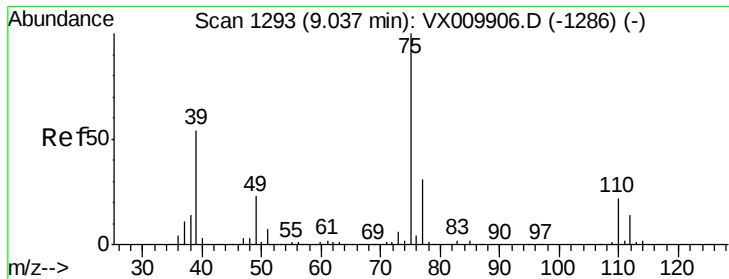
Tgt Ion: 43 Resp: 2904
 Ion Ratio Lower Upper
 43 100
 58 5.8 29.5 44.3#



#52
 Toluene
 Concen: 9.348 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 92 Resp: 43544
 Ion Ratio Lower Upper
 92 100
 91 175.1 138.8 208.2

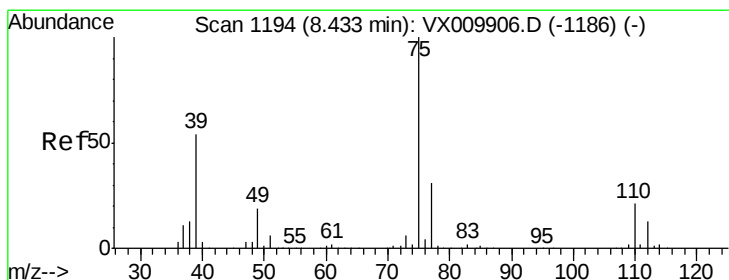
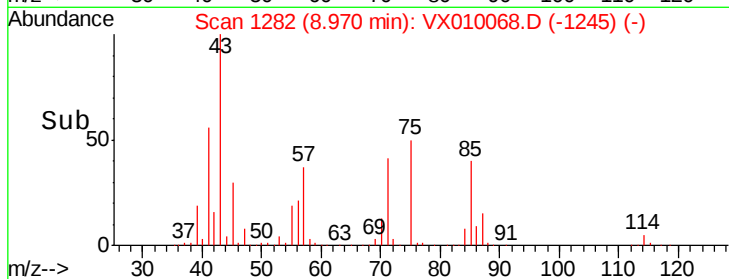
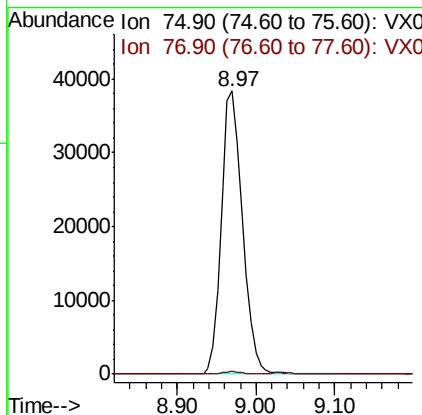
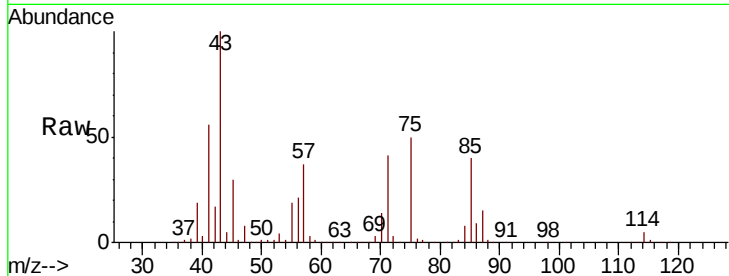




#53
 t-1,3-Dichloropropene
 Concen: 24.200 ug/l
 RT: 8.97 min Scan# 1282
 Delta R.T. -0.07 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

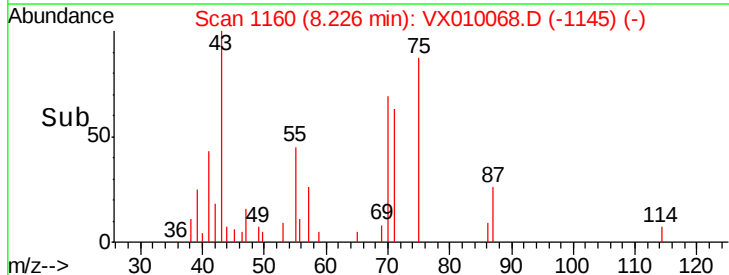
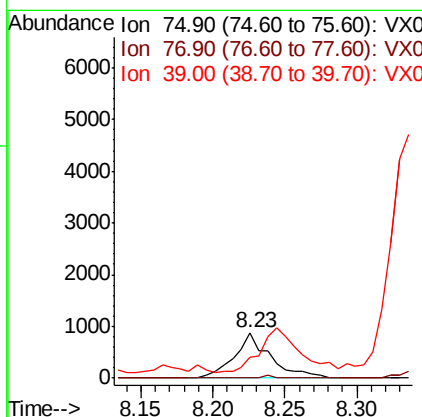
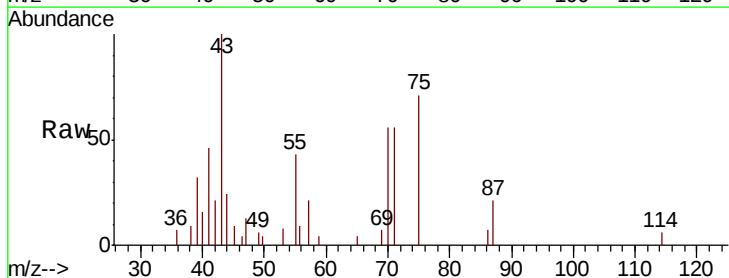
Instrument :
 MSVOA_X
 ClientSampled :
 40061

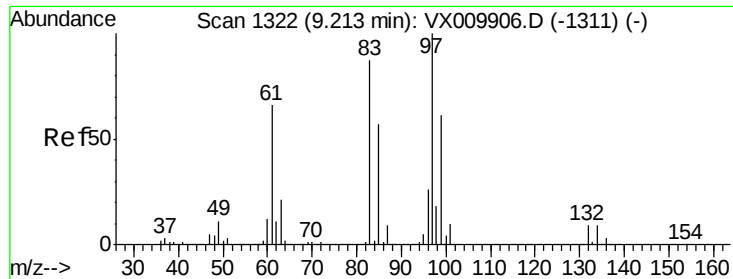
Tgt Ion: 75 Resp: 71745
 Ion Ratio Lower Upper
 75 100
 77 1.1 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.468 ug/l
 RT: 8.23 min Scan# 1160
 Delta R.T. -0.21 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 75 Resp: 1512
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 28.9 40.6 60.8#

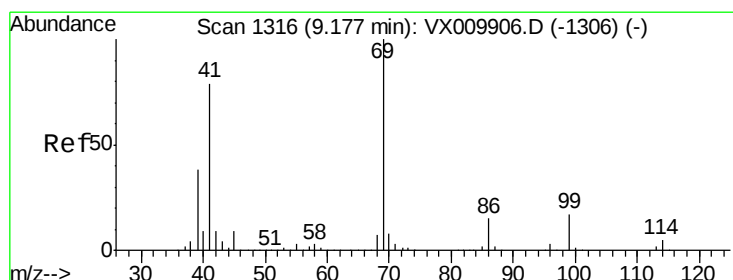
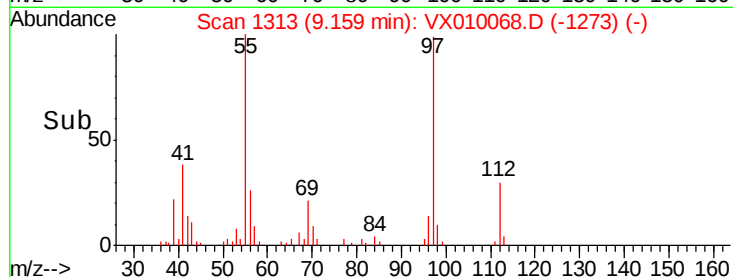
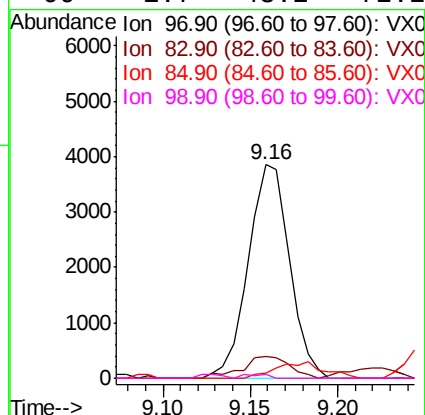
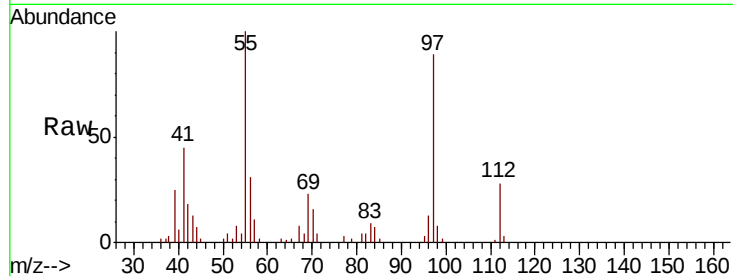




#55
1,1,2-Trichloroethane
Concen: 3.382 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.05 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

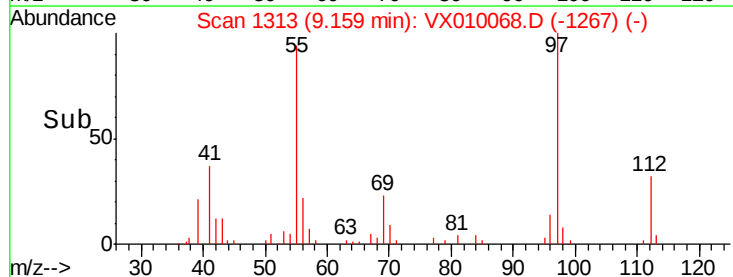
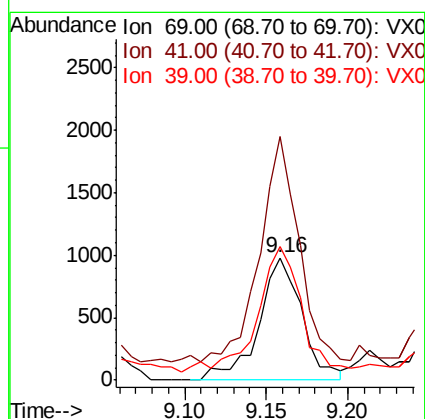
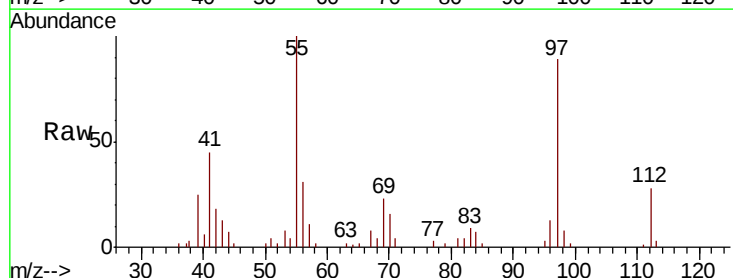
Instrument :
MSVOA_X
ClientSampleId :
40061

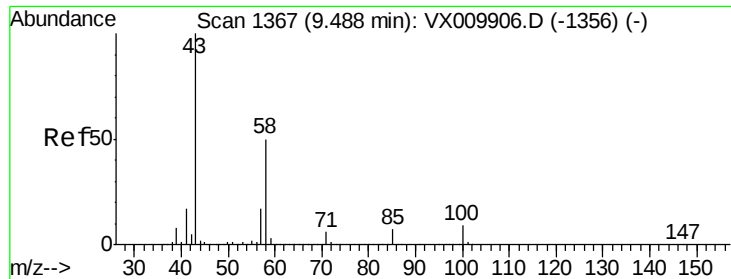
Tgt Ion: 97 Resp: 6341
Ion Ratio Lower Upper
97 100
83 10.0 68.9 103.3#
85 2.2 43.8 65.6#
99 1.7 48.2 72.2#



#56
Ethyl methacrylate
Concen: 0.540 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 69 Resp: 1803
Ion Ratio Lower Upper
69 100
41 163.0 60.6 90.8#
39 105.2 28.2 42.4#

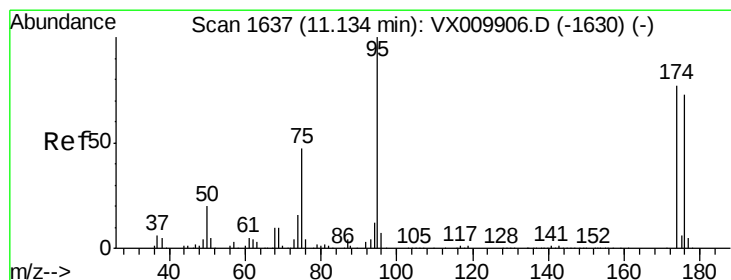
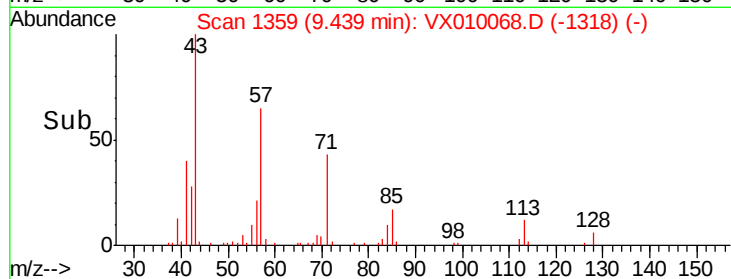
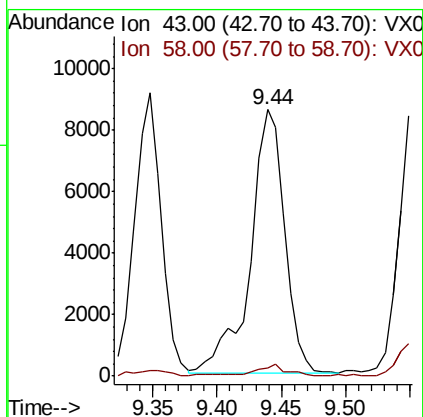
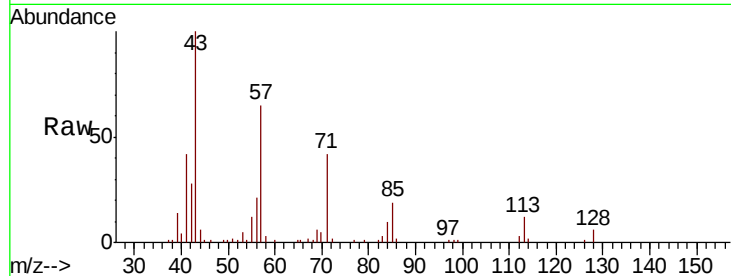




#59
2-Hexanone
Concen: 5.393 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

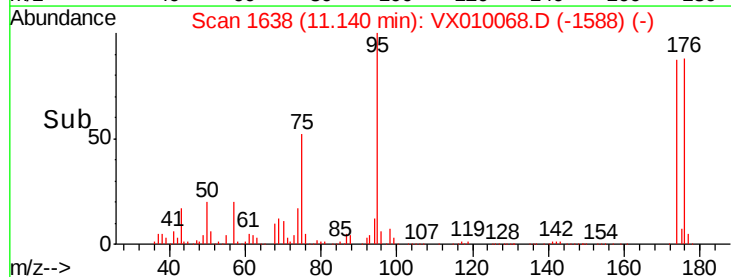
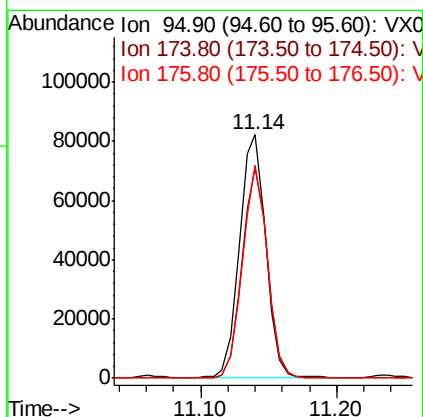
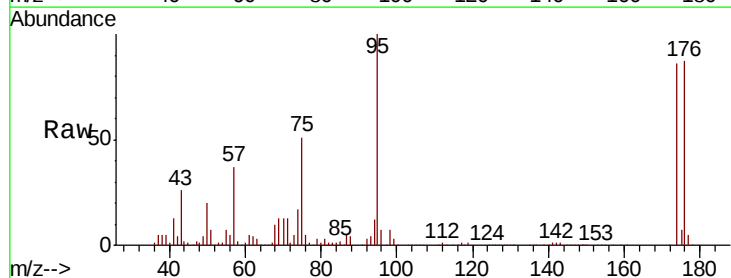
Instrument :
MSVOA_X
ClientSampled :
40061

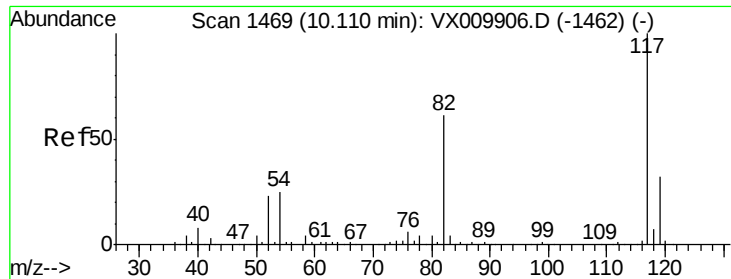
Tgt Ion: 43 Resp: 15705
Ion Ratio Lower Upper
43 100
58 3.6 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 47.272 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 95 Resp: 110493
Ion Ratio Lower Upper
95 100
174 83.9 0.0 161.6
176 82.8 0.0 159.2

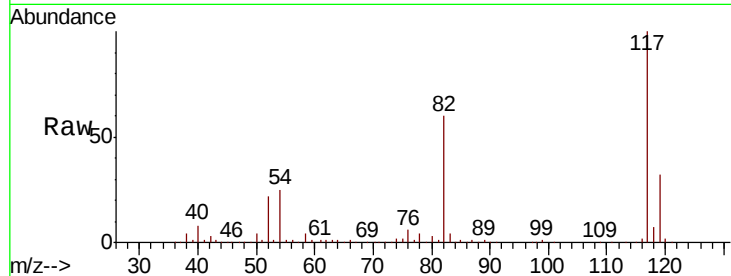




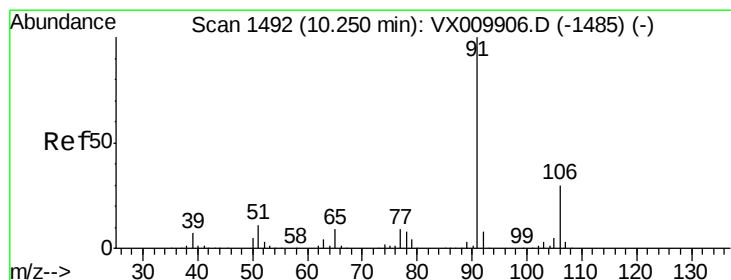
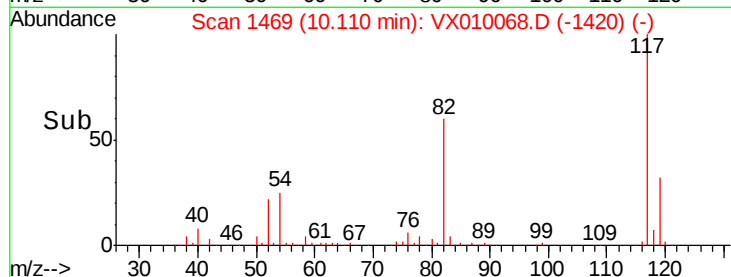
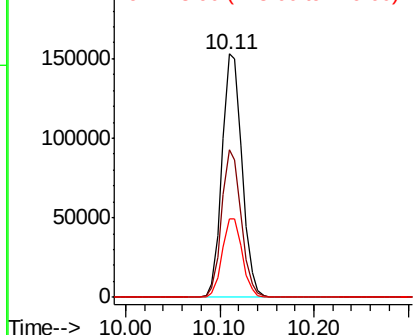
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Instrument :
MSVOA_X
ClientSampled :
40061

Tgt Ion: 117 Resp: 225224
Ion Ratio Lower Upper
117 100
82 60.4 48.8 73.2
119 32.2 25.8 38.6

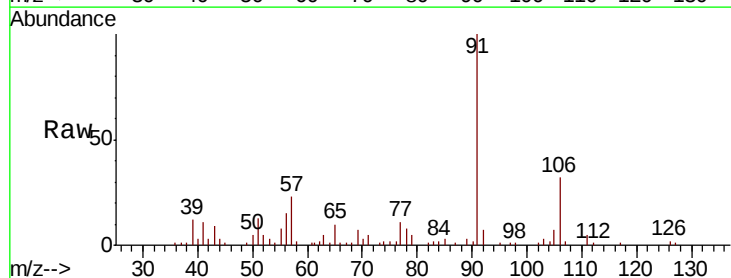


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

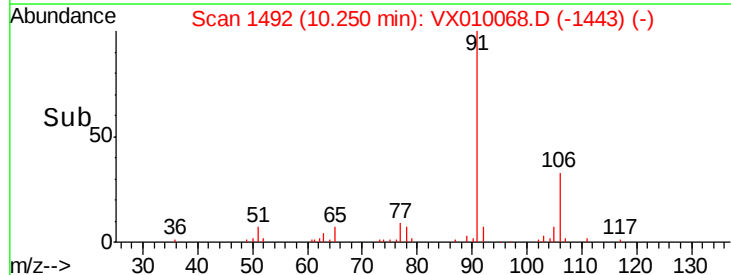
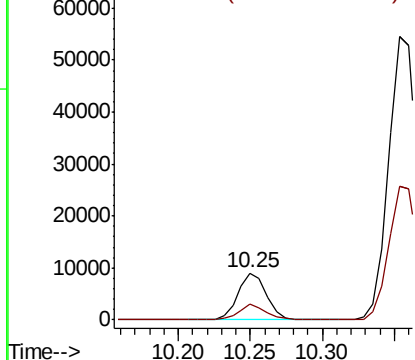


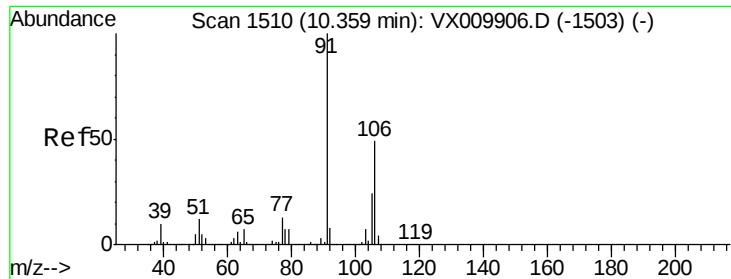
#67
Ethyl Benzene
Concen: 1.486 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 91 Resp: 12583
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0



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

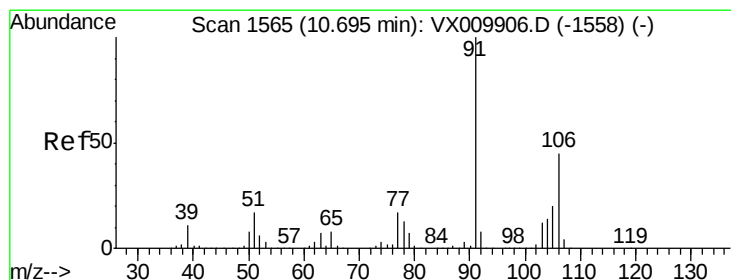
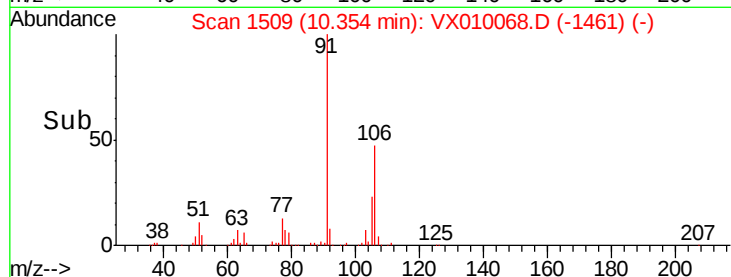
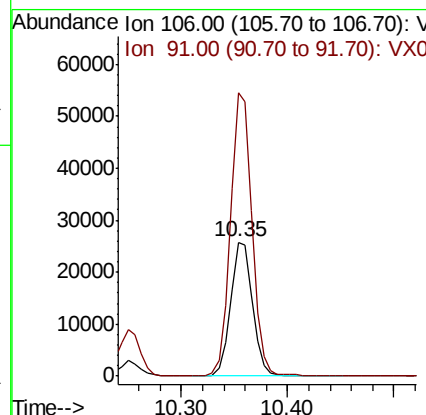
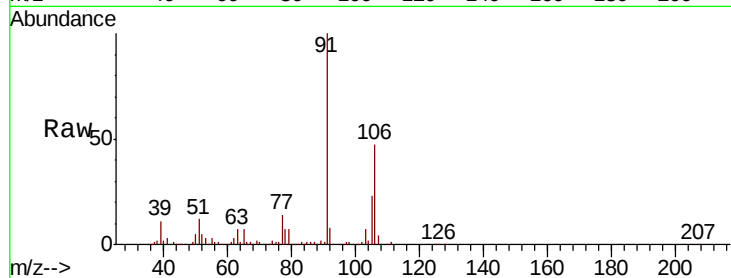




#68
m/p-Xylenes
Concen: 11.850 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

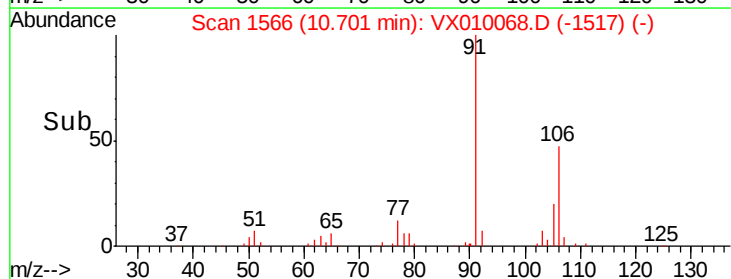
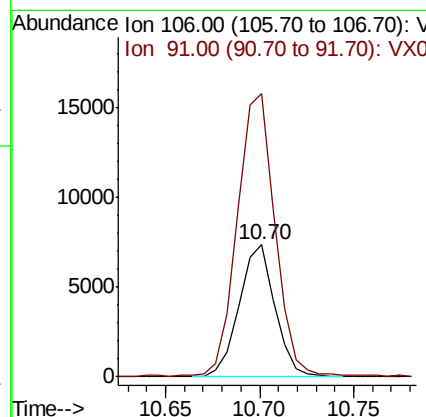
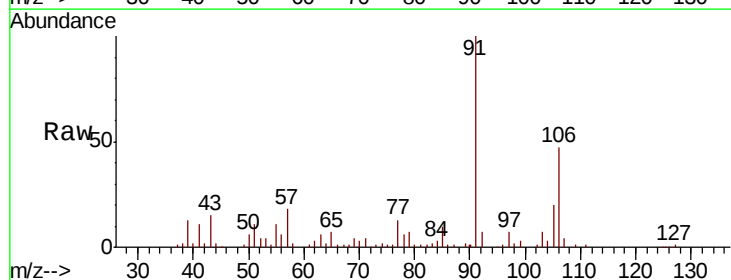
Instrument :
MSVOA_X
ClientSampled :
40061

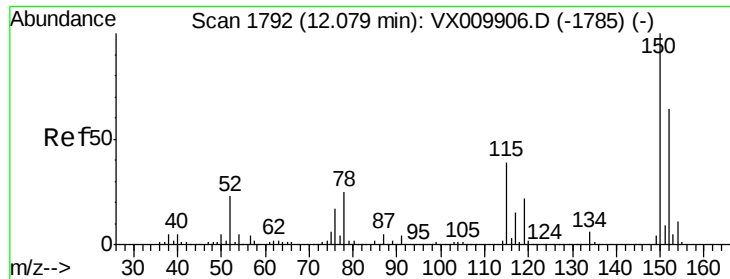
Tgt Ion:106 Resp: 37063
Ion Ratio Lower Upper
106 100
91 209.0 164.0 246.0



#69
o-Xylene
Concen: 3.255 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion:106 Resp: 9765
Ion Ratio Lower Upper
106 100
91 226.9 109.5 328.4



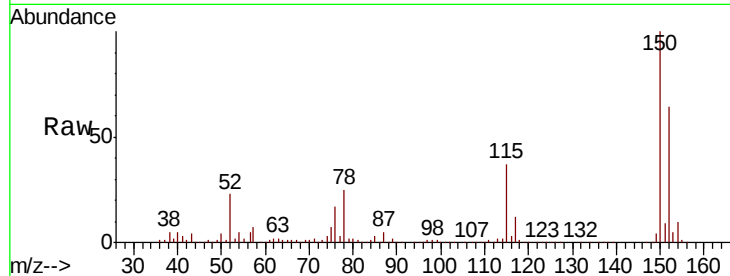


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
40061

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.2	123.6
150	156.7	0.0	346.4

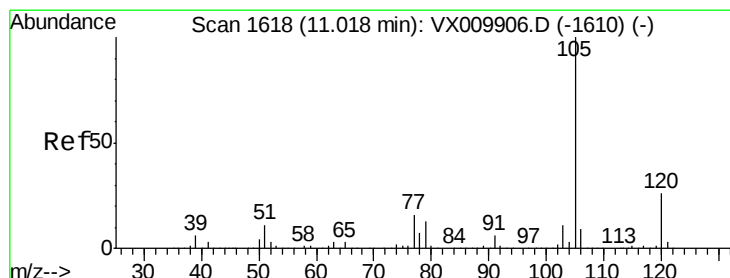
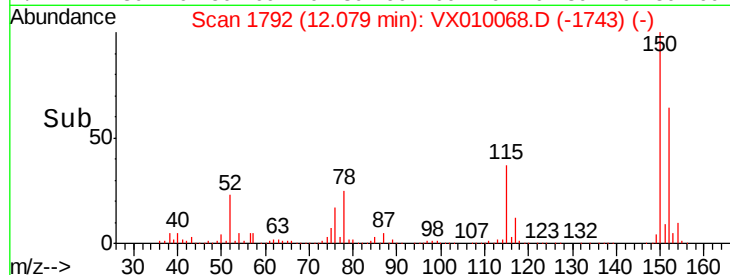
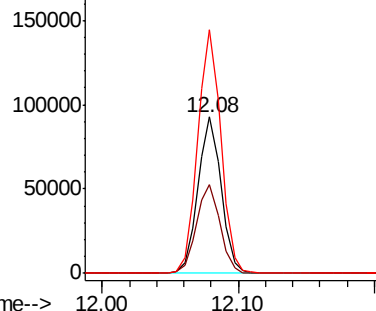


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

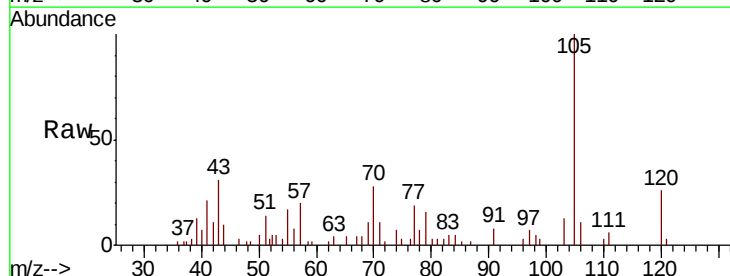
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 0.452 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

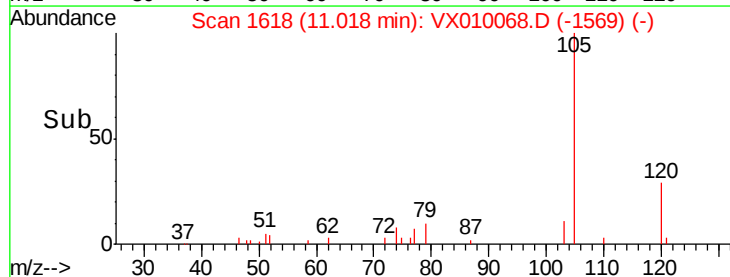
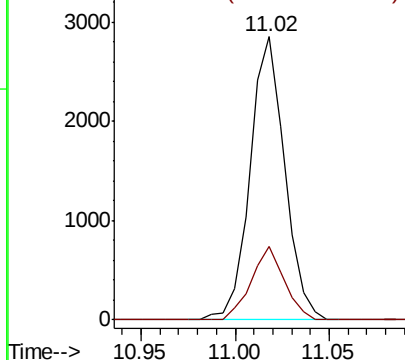
Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.8	12.8	38.3

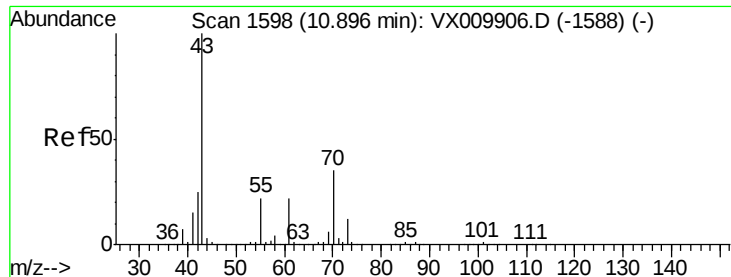


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.940 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

40061

Tgt Ion: 43 Resp: 4512

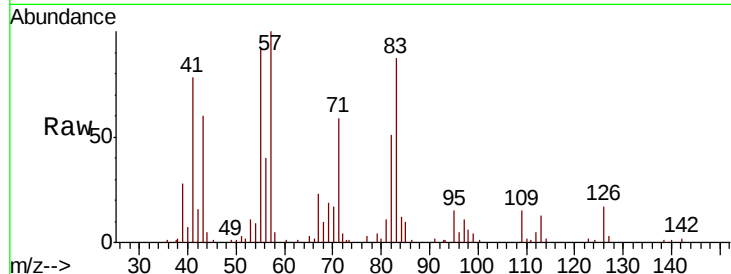
Ion Ratio Lower Upper

43 100

70 29.3 30.0 45.0#

55 305.5 17.9 26.9#

61 0.0 18.4 27.6#

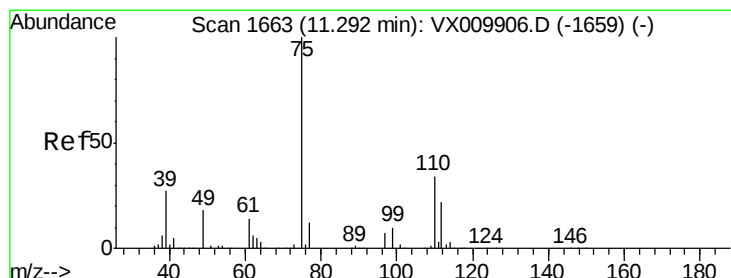
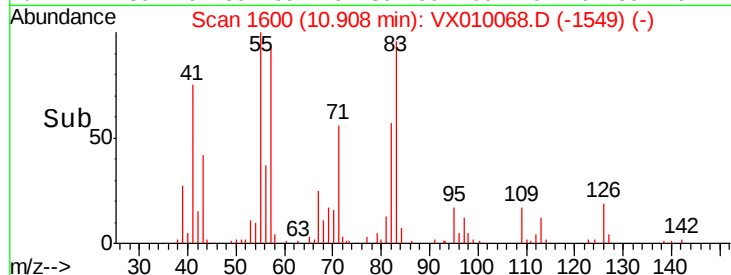
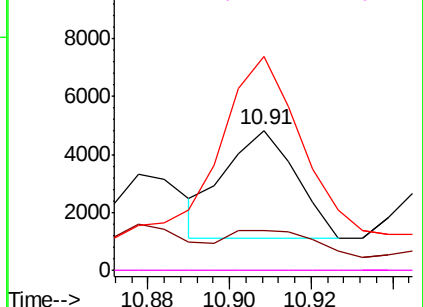


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 18.613 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.15 min

Lab File: VX010068.D

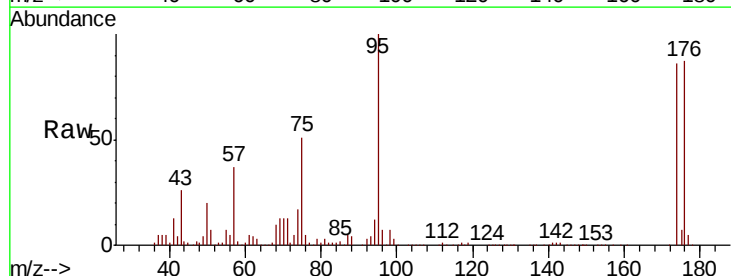
Acq: 05 Jun 2019 11:47

Tgt Ion: 75 Resp: 57359

Ion Ratio Lower Upper

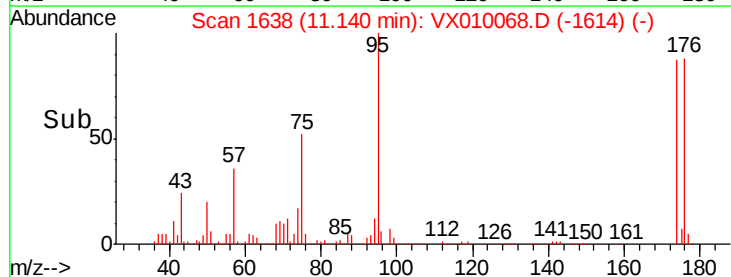
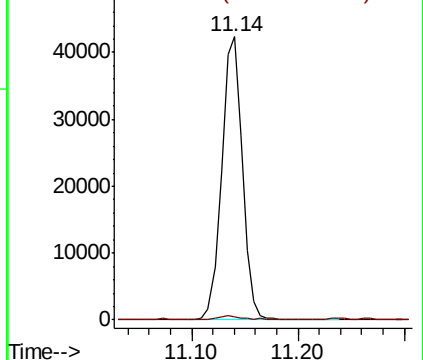
75 100

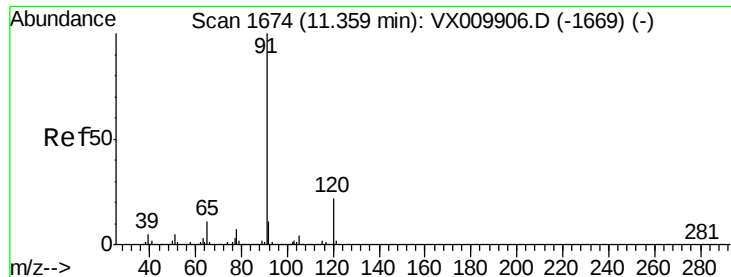
77 2.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

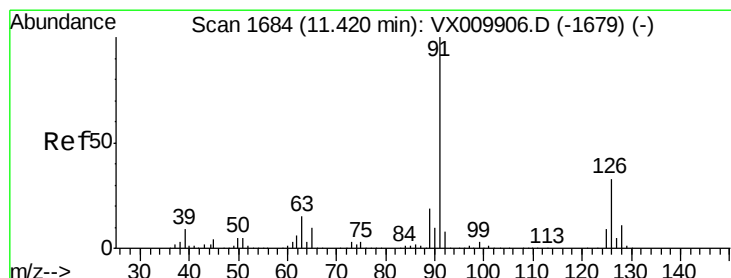
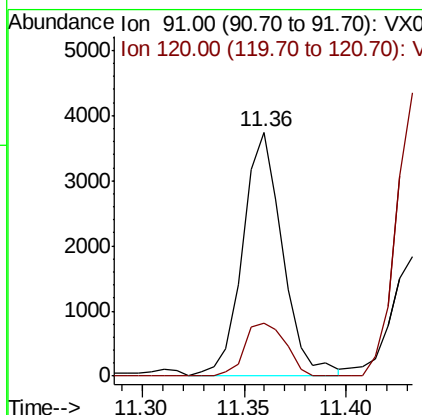
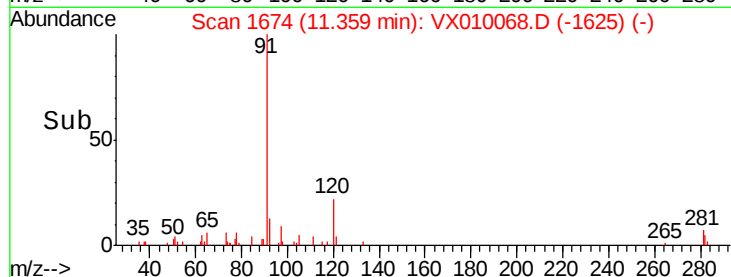
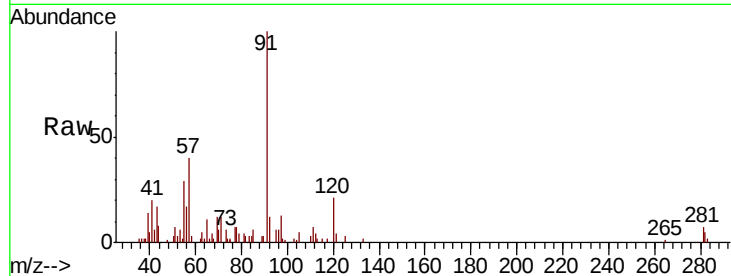




#78
n-propylbenzene
Concen: 0.548 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

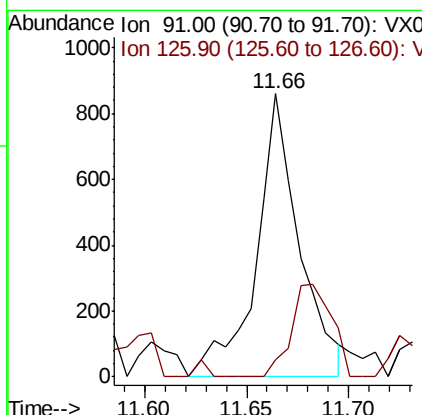
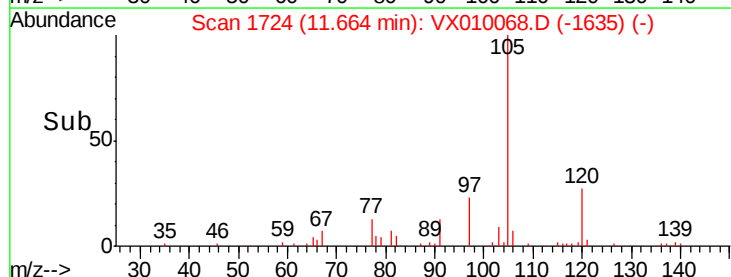
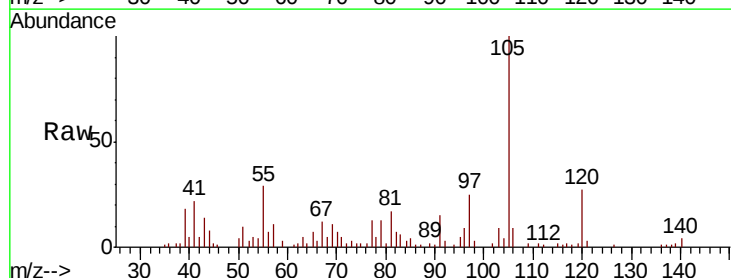
Instrument :
MSVOA_X
ClientSampleId :
40061

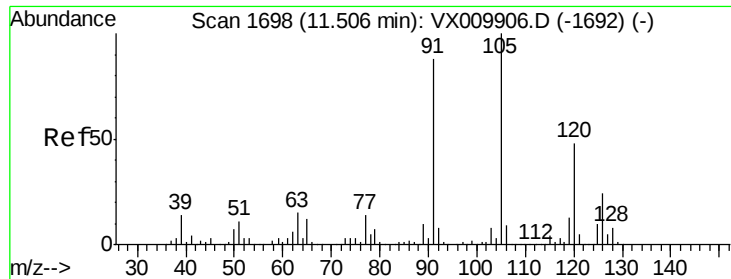
Tgt Ion: 91 Resp: 5078
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.223 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. 0.24 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 91 Resp: 1260
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.9

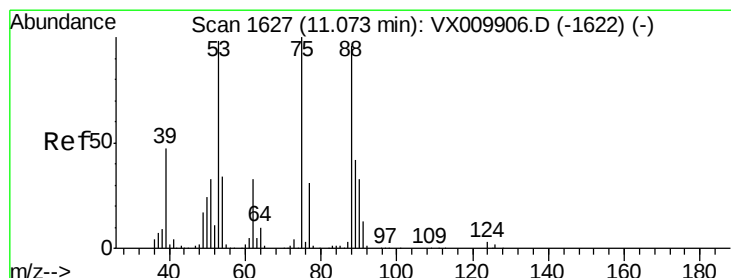
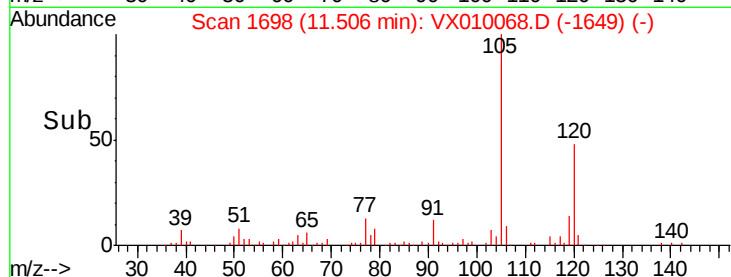
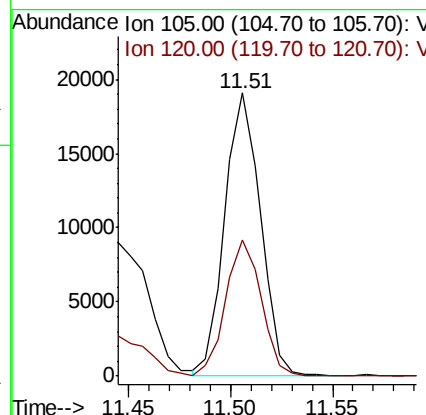
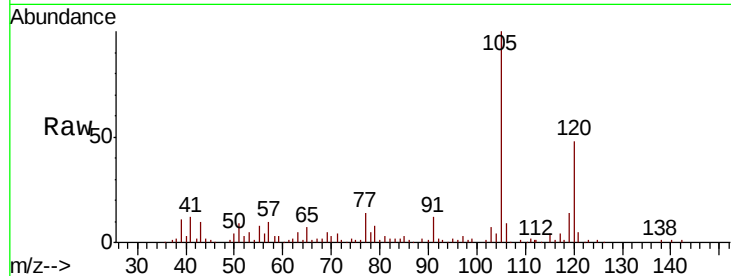




#80
 1,3,5-Trimethylbenzene
 Concen: 3.424 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

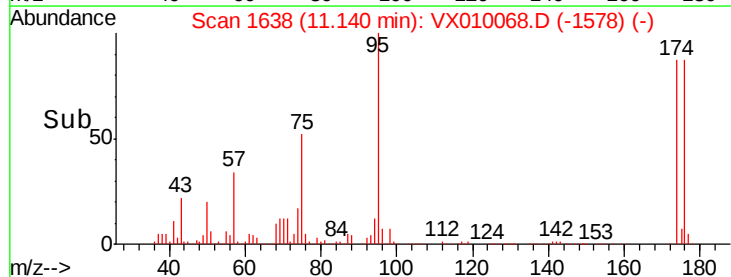
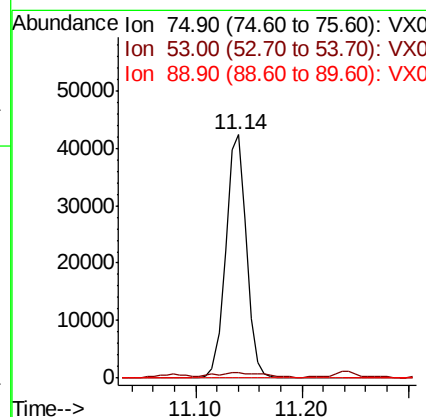
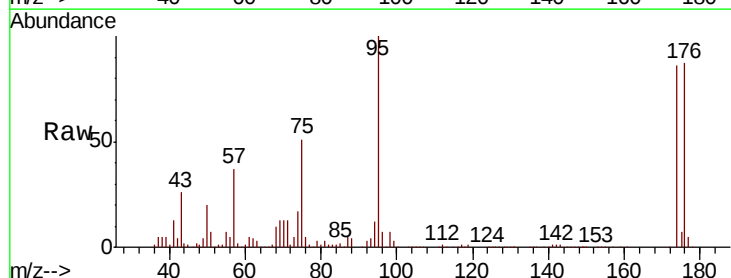
Instrument :
 MSVOA_X
 ClientSampled :
 40061

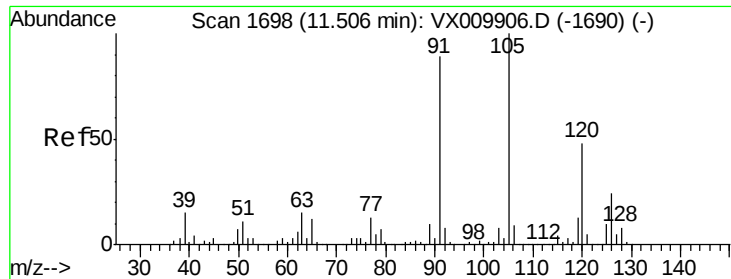
Tgt Ion: 105 Resp: 23167
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.516 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 75 Resp: 57359
 Ion Ratio Lower Upper
 75 100
 53 2.3 79.0 118.6#
 89 0.0 34.7 52.1#

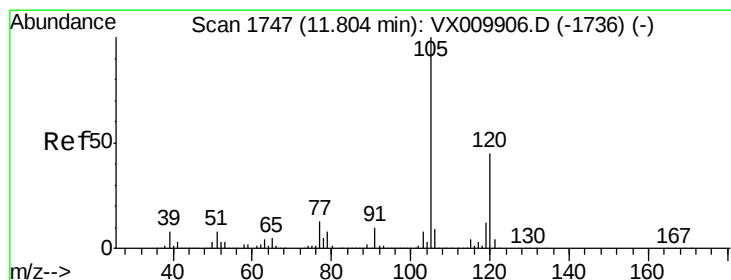
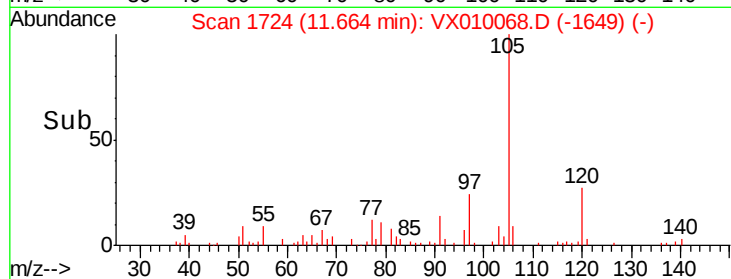
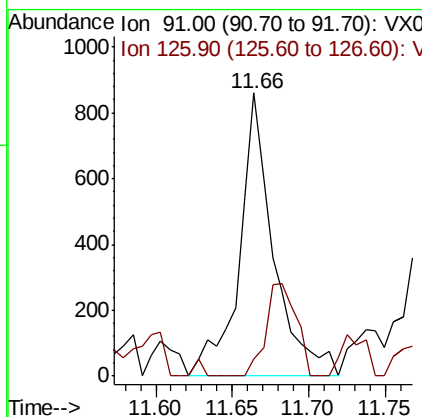
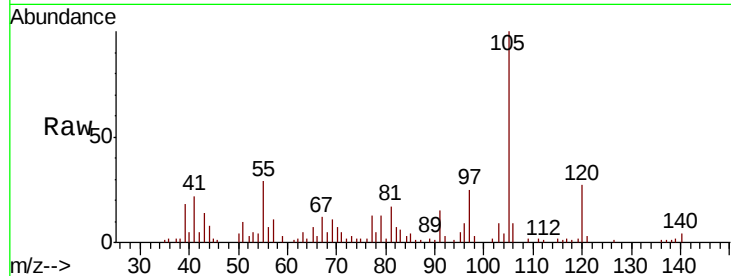




#82
 4-Chlorotoluene
 Concen: 0.203 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. 0.16 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

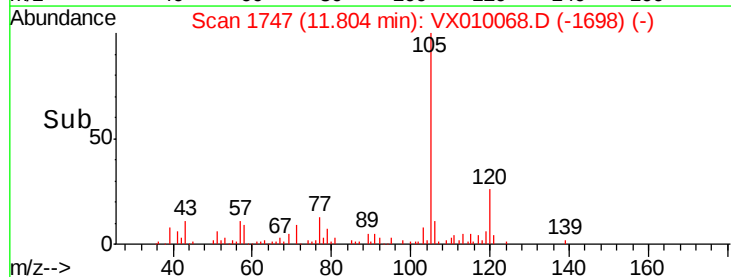
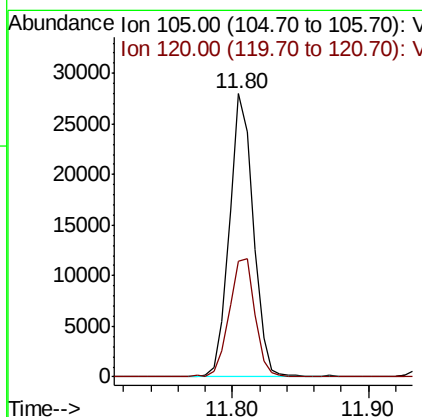
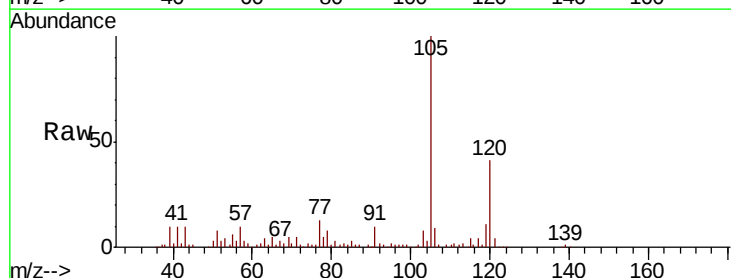
Instrument :
 MSVOA_X
 ClientSampled :
 40061

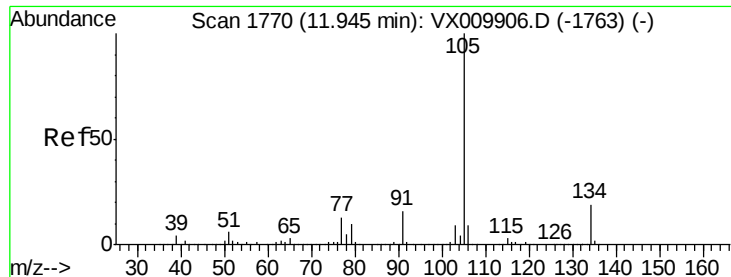
Tgt Ion: 91 Resp: 1336
 Ion Ratio Lower Upper
 91 100
 126 29.0 14.5 43.6



#84
 1,2,4-Trimethylbenzene
 Concen: 4.975 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion: 105 Resp: 34189
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0

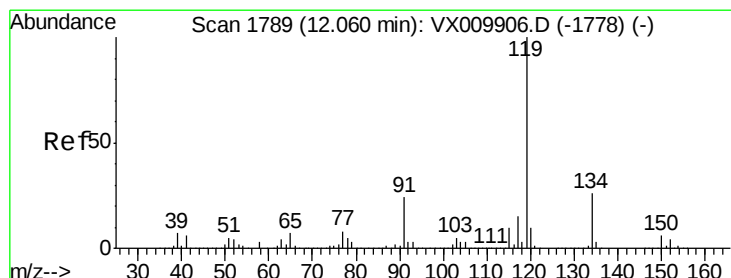
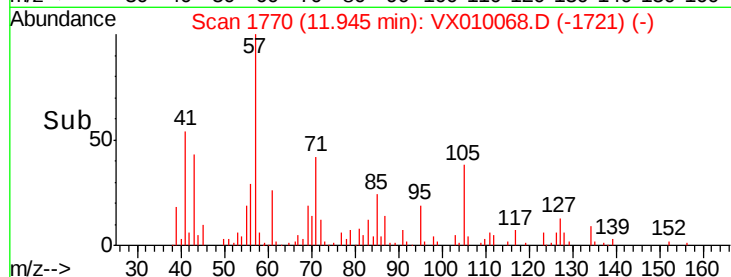
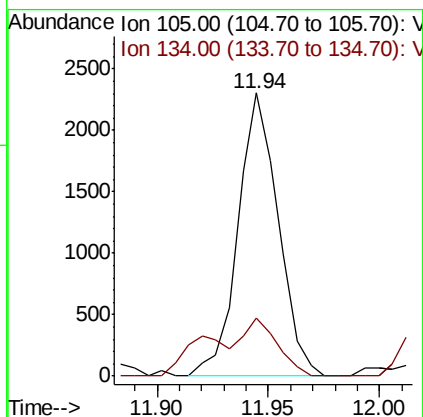
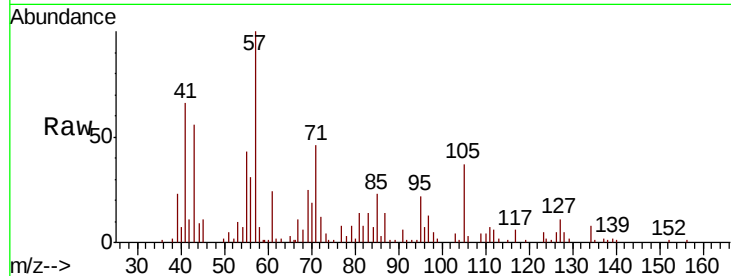




#85
 sec-Butylbenzene
 Concen: 0.376 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

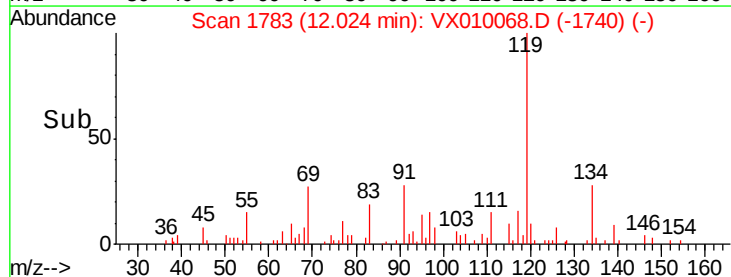
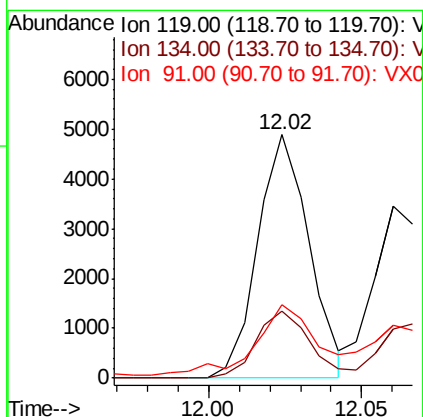
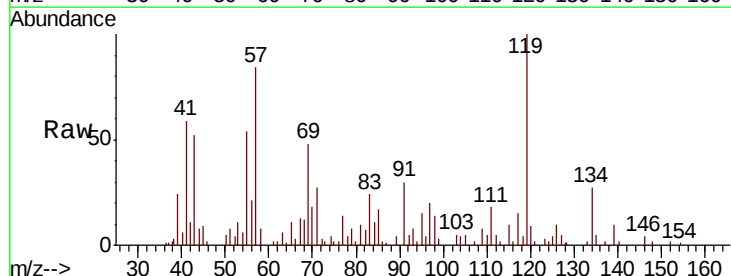
Instrument :
 MSVOA_X
 ClientSampled :
 40061

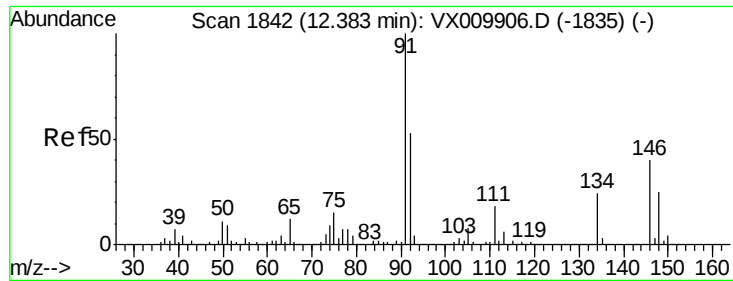
Tgt Ion:105 Resp: 2899
 Ion Ratio Lower Upper
 105 100
 134 17.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.826 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Tgt Ion:119 Resp: 5720
 Ion Ratio Lower Upper
 119 100
 134 29.6 12.9 38.7
 91 33.4 11.8 35.4

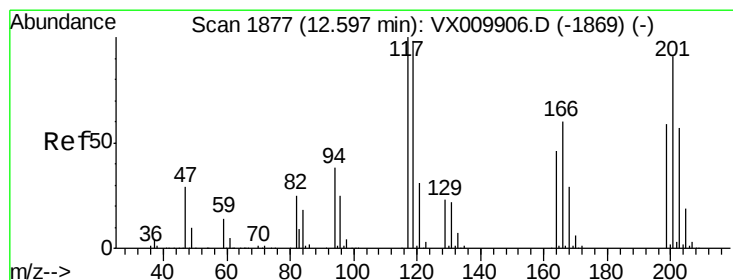
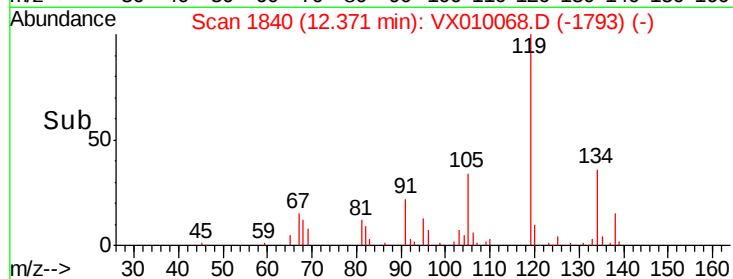
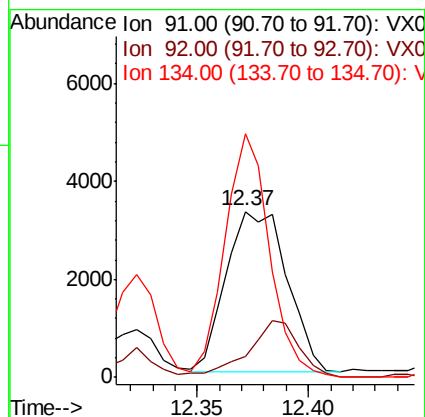
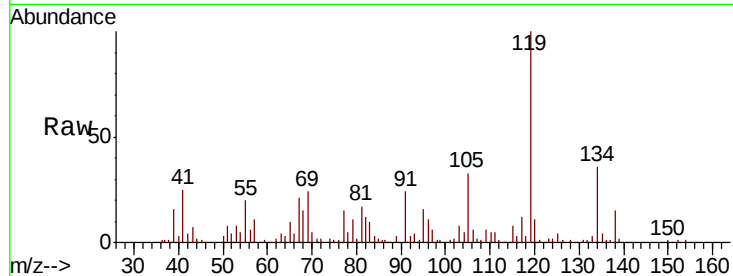




#89
n-Butylbenzene
Concen: 0.955 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

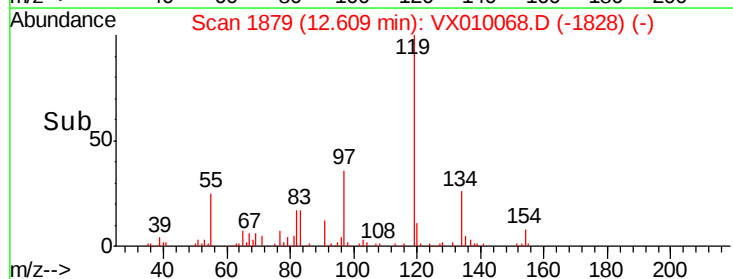
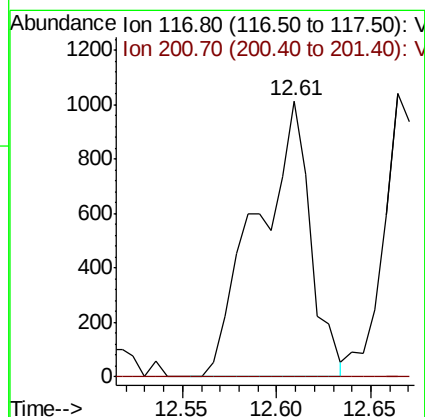
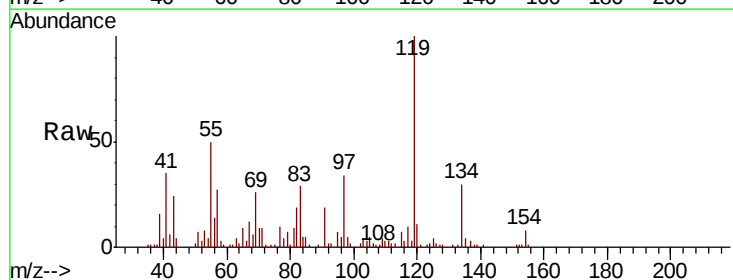
Instrument :
MSVOA_X
ClientSampleId :
40061

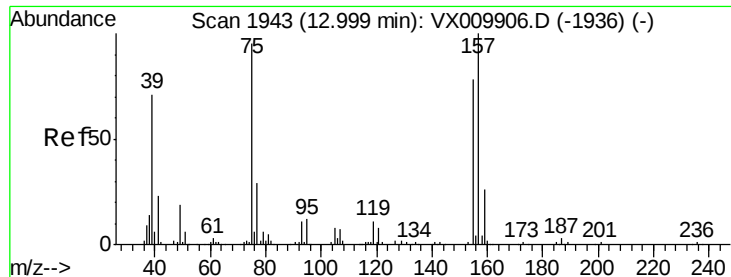
Tgt Ion: 91 Resp: 6215
Ion Ratio Lower Upper
91 100
92 29.3 26.5 79.5
134 111.2 12.4 37.2#



#90
Hexachloroethane
Concen: 1.673 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX010068.D
Acq: 05 Jun 2019 11:47

Tgt Ion: 117 Resp: 1989
Ion Ratio Lower Upper
117 100
201 0.0 42.3 126.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.296 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

40061

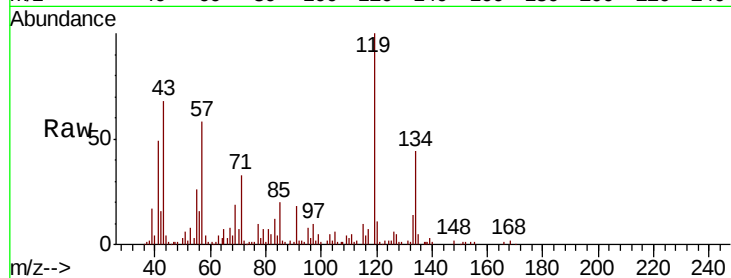
Tgt Ion: 75 Resp: 209

Ion Ratio Lower Upper

75 100

155 227.8 42.0 126.0#

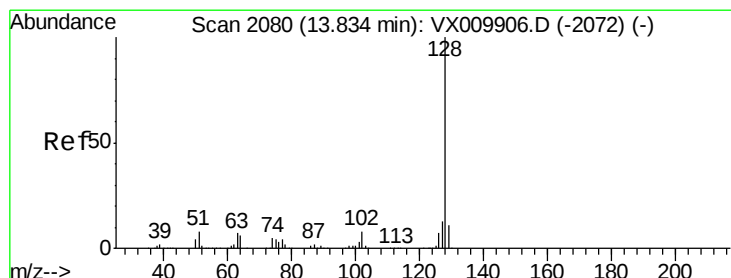
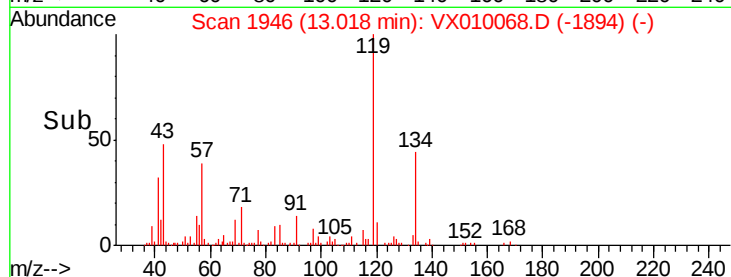
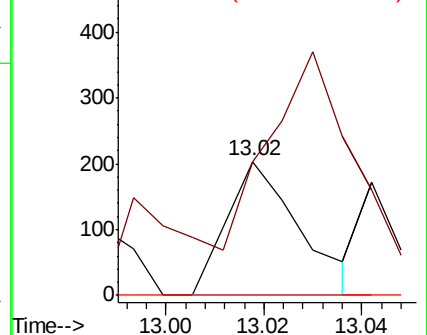
157 0.0 53.2 159.6#



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: 0.984 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010068.D

Acq: 05 Jun 2019 11:47

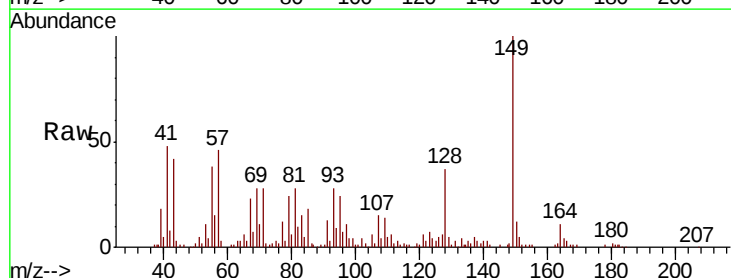
Tgt Ion: 128 Resp: 7859

Ion Ratio Lower Upper

128 100

127 18.5 10.4 15.6#

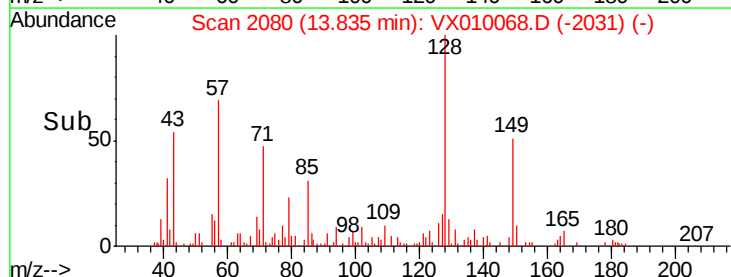
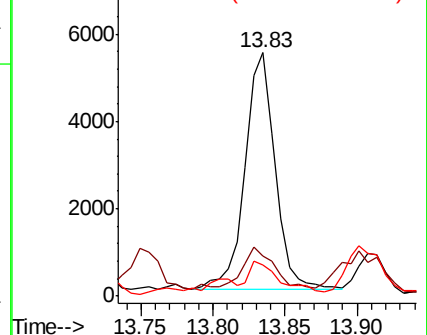
129 12.2 8.6 13.0

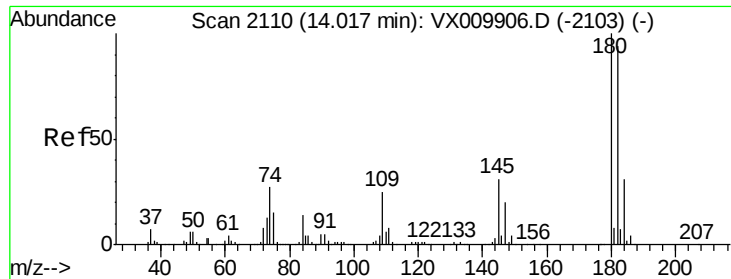


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

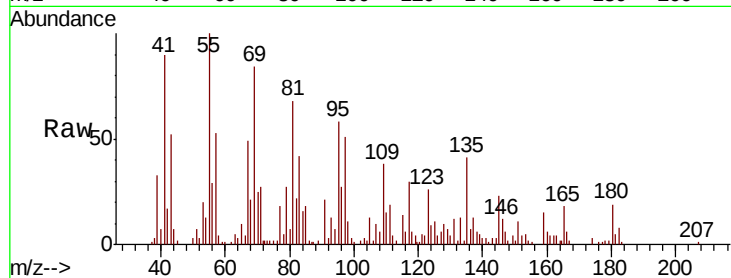




#96
 1,2,3-Trichlorobenzene
 Concen: 0.710 ug/l
 RT: 14.03 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: VX010068.D
 Acq: 05 Jun 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 40061

Tgt Ion	Ratio	Lower	Upper
180	100		
182	64.3	47.8	143.4
145	118.4	15.4	46.4#



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

