

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010056.D
 Acq On : 04 Jun 2019 12:49
 Operator : JC/SP
 Sample : K3165-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:18:37 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	5.66	168	163471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107447	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
35) Dibromofluoromethane	5.49	113	78673	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.71	98	338084	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	119094	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	557	0.207	ug/l #	87
5) Bromomethane	1.64	94	782	0.533	ug/l	86
6) Chloroethane	1.70	64	378	0.254	ug/l #	56
10) Methyl Iodide	2.51	142	540	4.902	ug/l #	73
11) Tert butyl alcohol	3.01	59	521	0.917	ug/l #	73
13) Acrolein	2.31	56	24757	77.370	ug/l	95
14) Allyl chloride	2.73	41	49070	12.195	ug/l #	48
16) Acetone	2.45	43	119209	89.350	ug/l #	56
17) Carbon Disulfide	2.56	76	760	0.535	ug/l #	83
18) Methyl Acetate	2.78	43	4737	1.526	ug/l	95
20) Methylene Chloride	2.85	84	834	0.408	ug/l #	80
22) Diisopropyl ether	4.03	45	112918	14.749	ug/l #	1
23) Vinyl Acetate	4.03	43	250092	36.363	ug/l #	77
25) 2-Butanone	4.68	43	27446	13.204	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	745	0.350	ug/l	46
29) Tetrahydrofuran	5.17	42	2545	1.909	ug/l #	45
36) 1,1-Dichloropropene	5.65	75	12778	4.833	ug/l #	50
37) Ethyl Acetate	4.68	43	27446	7.450	ug/l #	71
38) Carbon Tetrachloride	5.66	117	15133	6.623	ug/l #	15
43) Isopropyl Acetate	6.46	43	3329	0.560	ug/l #	64
51) 4-Methyl-2-Pentanone	8.65	43	932	0.241	ug/l #	54
52) Toluene	8.78	92	2246	0.472	ug/l	96
53) t-1,3-Dichloropropene	9.07	75	21512	7.097	ug/l #	46
55) 1,1,2-Trichloroethane	9.23	97	3204	1.672	ug/l #	1
56) Ethyl methacrylate	9.23	69	6986	2.047	ug/l #	1
59) 2-Hexanone	9.23	43	658029	221.017	ug/l	100
68) m/p-Xylenes	10.36	106	1275	0.380	ug/l	98
69) o-Xylene	10.69	106	699	0.217	ug/l	72
74) N-amyl acetate	10.91	43	1275	0.252	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	11.21	83	14730	4.661	ug/l #	34
76) 1,2,3-Trichloropropane	11.13	75	61291	22.326	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61291	55.238	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	2824	0.390	ug/l	84
95) Naphthalene	13.83	128	2579	0.306	ug/l #	91

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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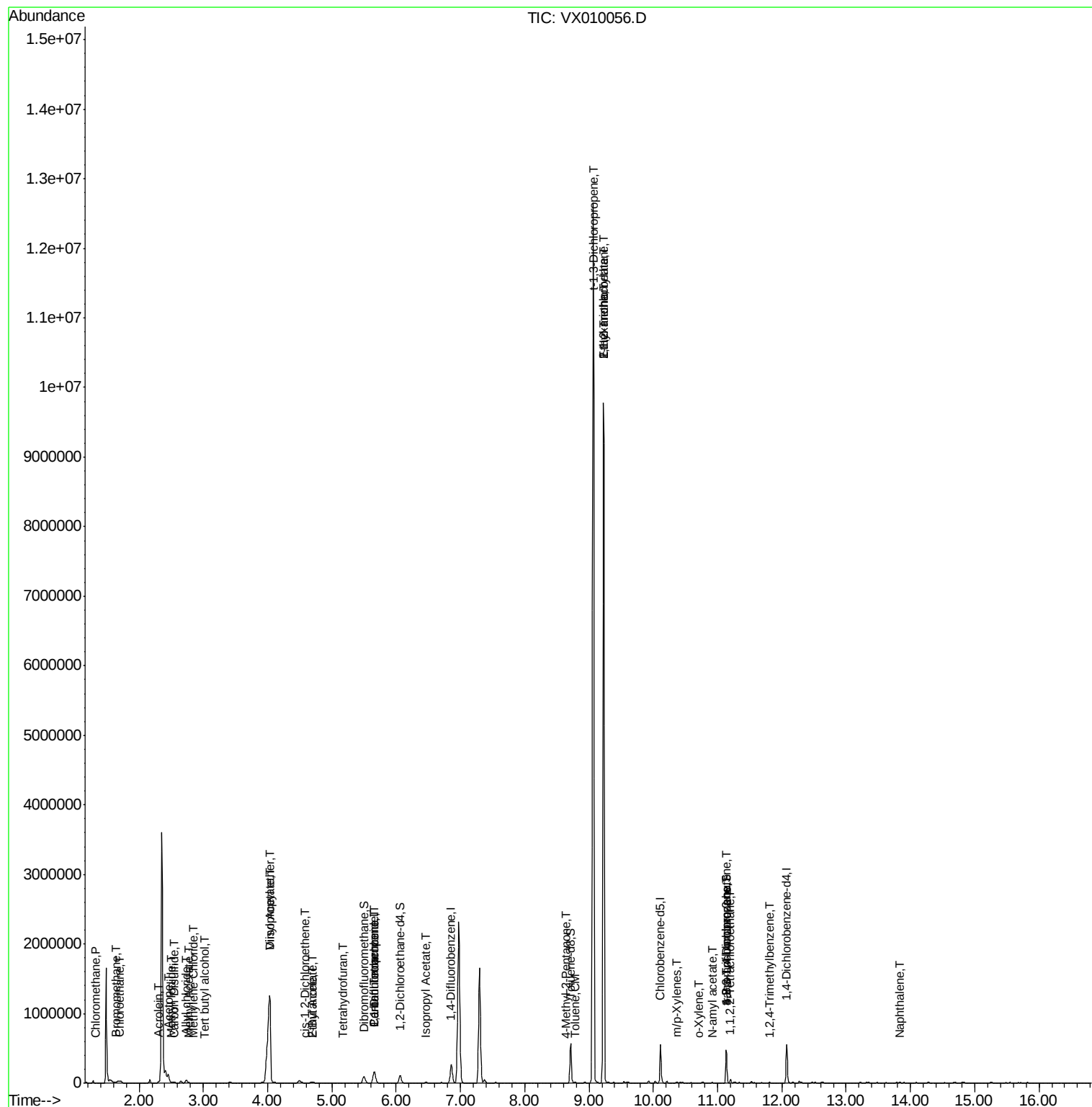
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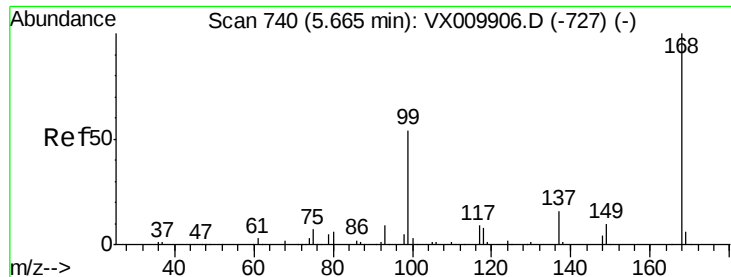
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

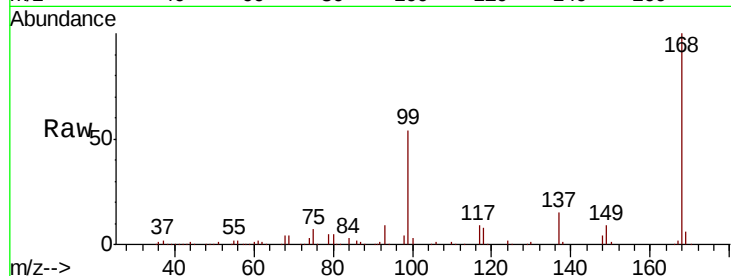
ClientSampleId :

Tot Ion:168 Resp: 163471

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

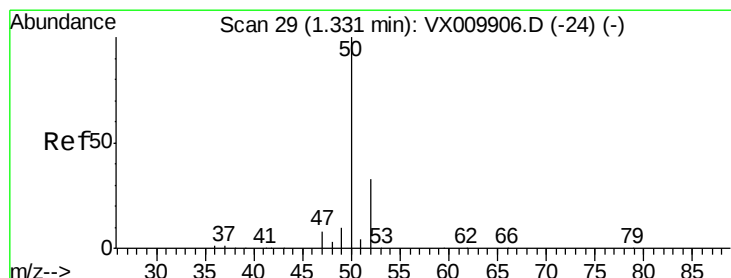
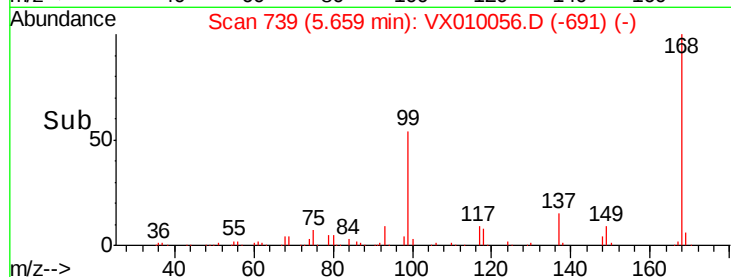
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.207 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010056.D

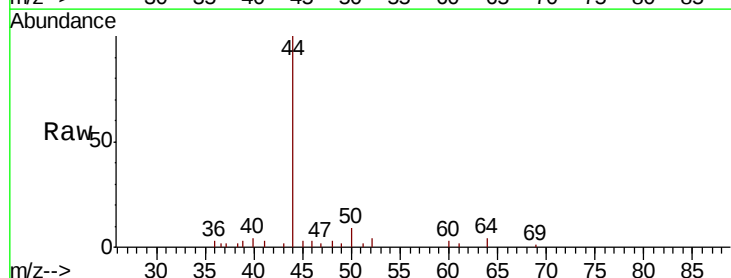
Acq: 04 Jun 2019 12:49

Tgt Ion: 50 Resp: 557

Ion Ratio Lower Upper

50 100

52 39.8 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

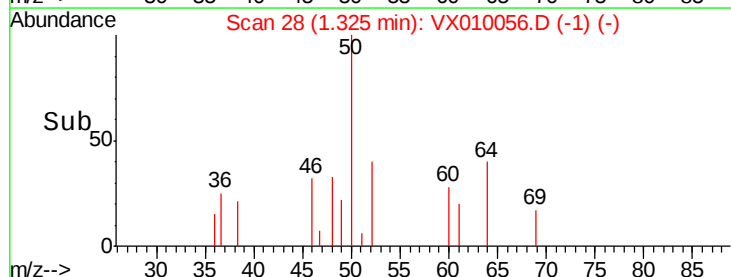
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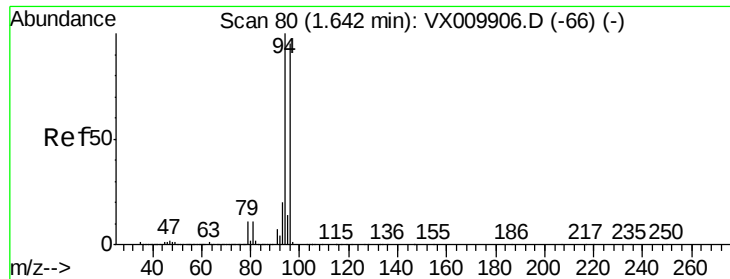
100

0

Time-->

1.25 1.30 1.35





#5

Bromomethane

Concen: 0.533 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

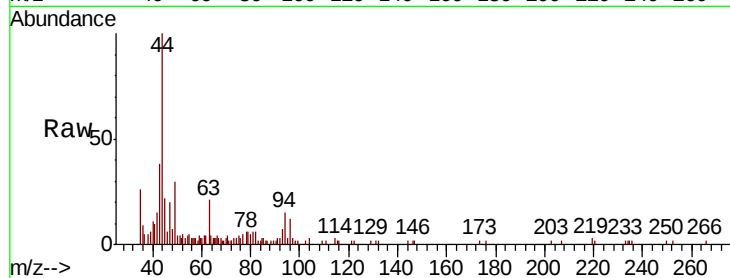
ClientSampleId :

Tot Ion: 94 Resp: 782

Ion Ratio Lower Upper

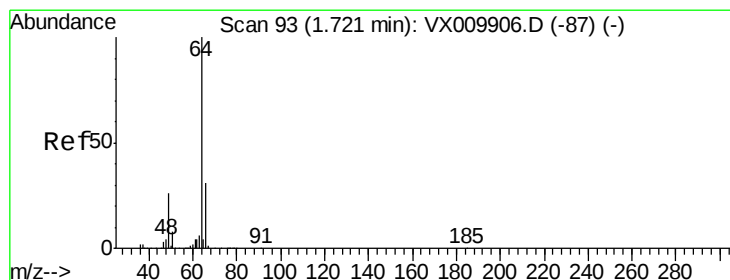
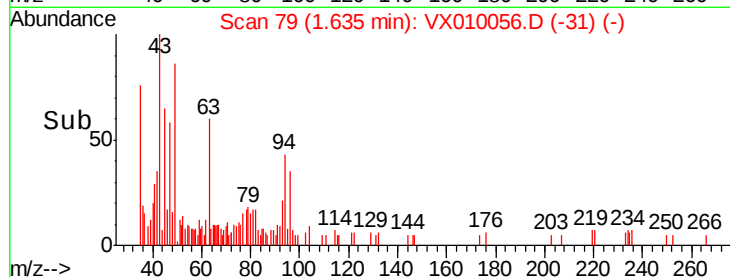
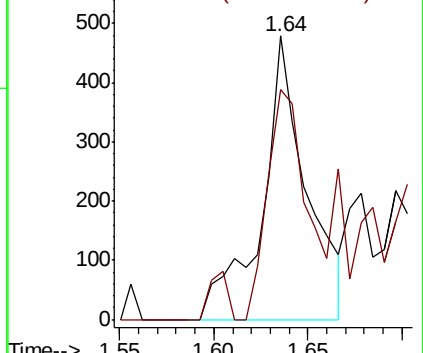
94 100

96 81.4 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.254 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX010056.D

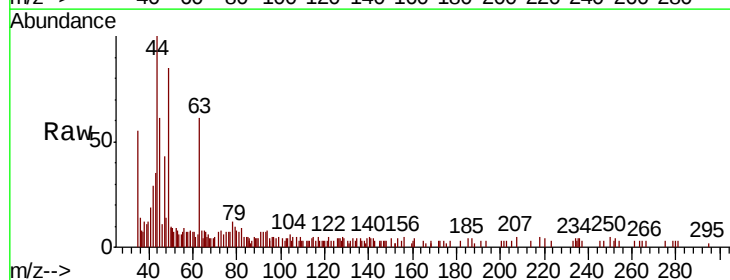
Acq: 04 Jun 2019 12:49

Tgt Ion: 64 Resp: 378

Ion Ratio Lower Upper

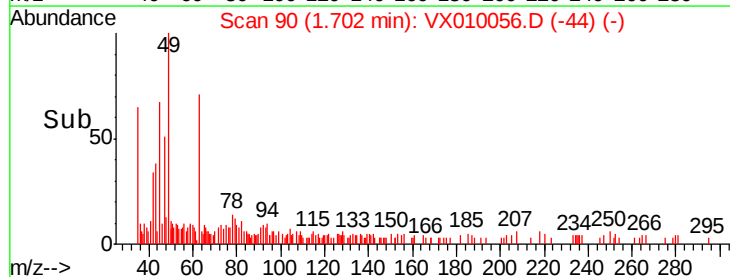
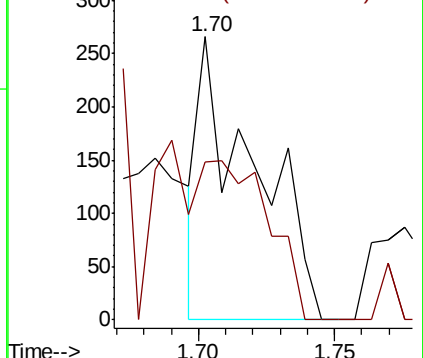
64 100

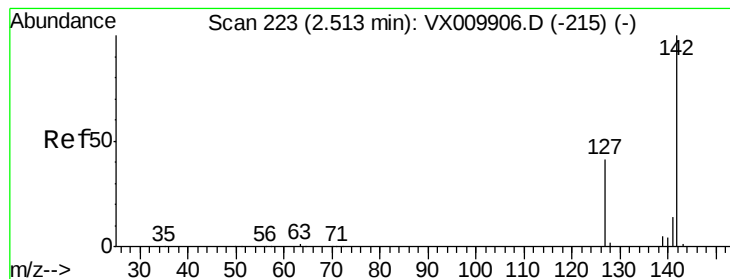
66 55.6 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

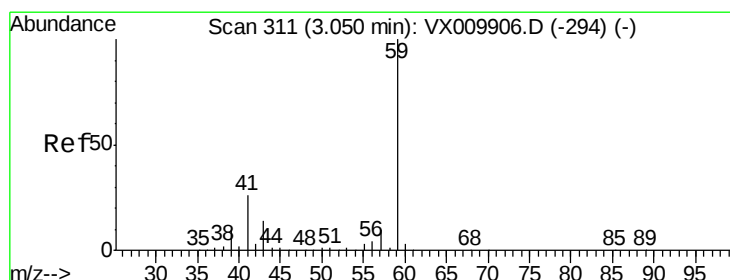
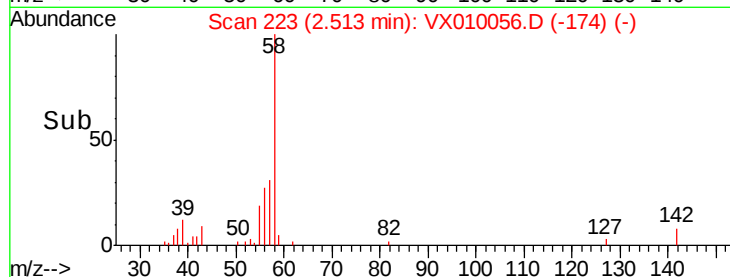
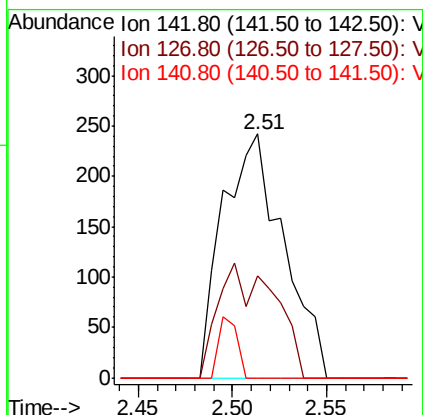
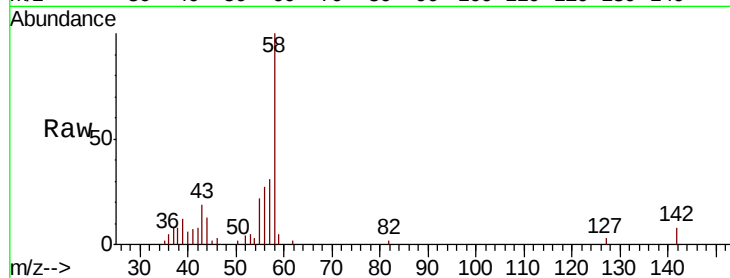




#10
Methvl Iodide
Concen: 4.902 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

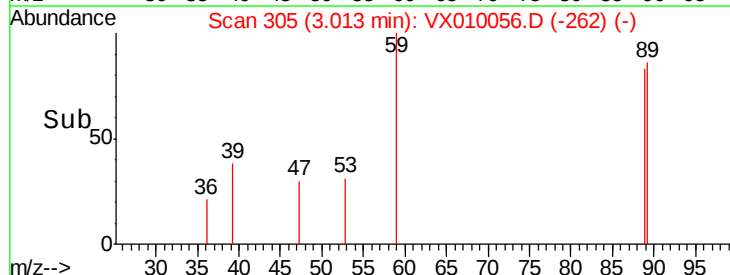
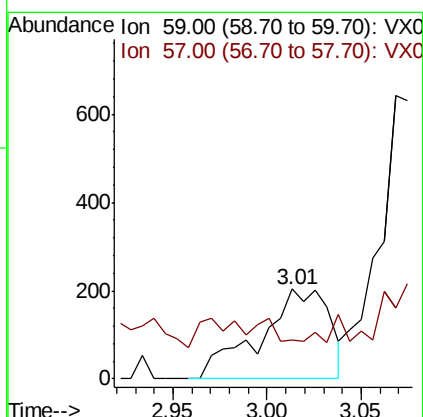
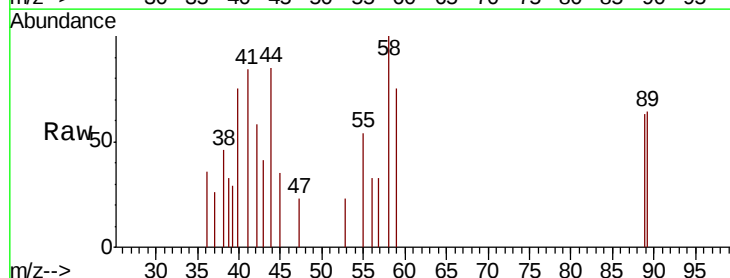
Instrument :
MSVOA_X
ClientSampleId :

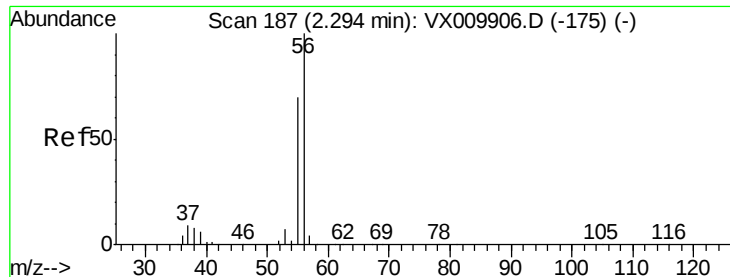
Tot Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
127 22.2 33.0 49.4#
141 7.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.917 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Tgt Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 77.370 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

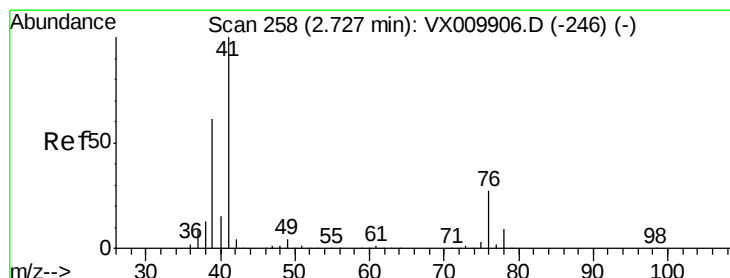
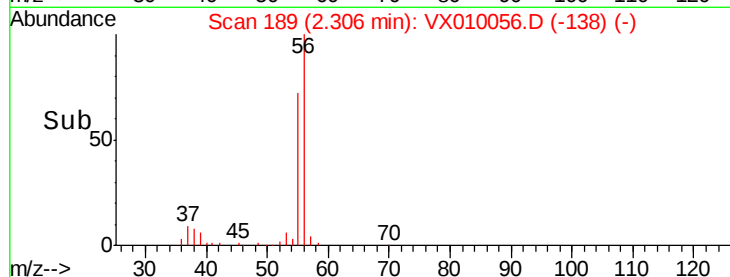
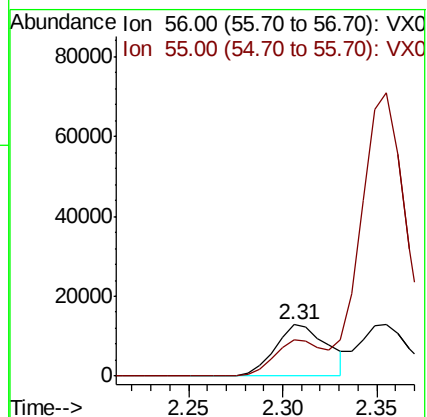
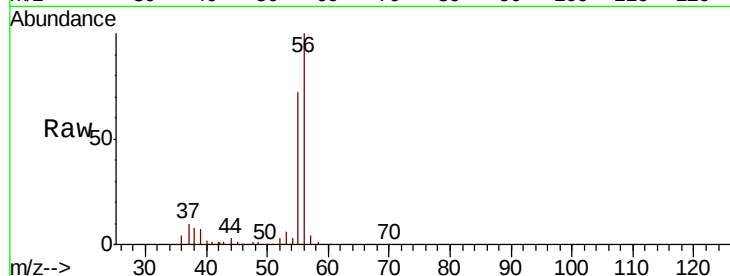
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 24757

Ion Ratio Lower Upper

56 100

55 67.4 57.0 85.4



#14

Allyl chloride

Concen: 12.195 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

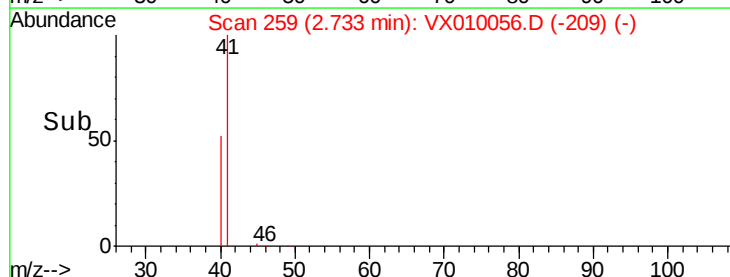
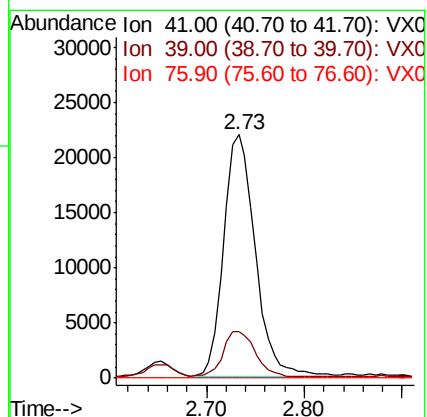
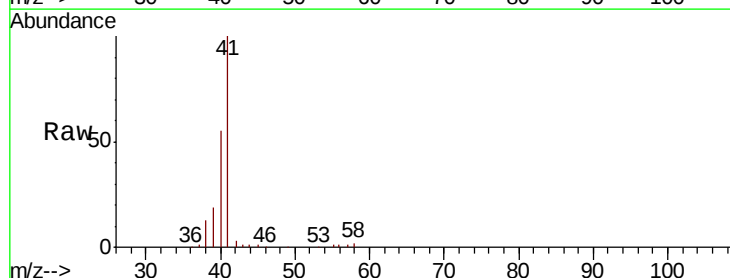
Tgt Ion: 41 Resp: 49070

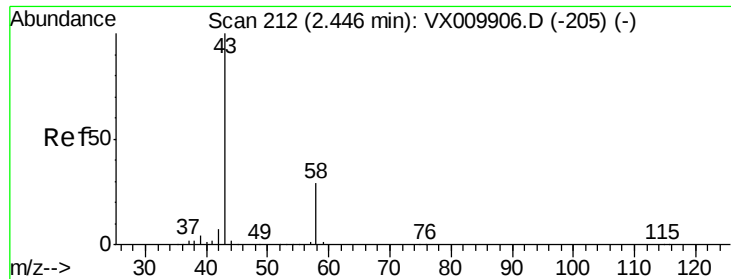
Ion Ratio Lower Upper

41 100

39 19.4 46.7 70.1#

76 0.0 21.0 31.4#





#16

Acetone

Concen: 89.350 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

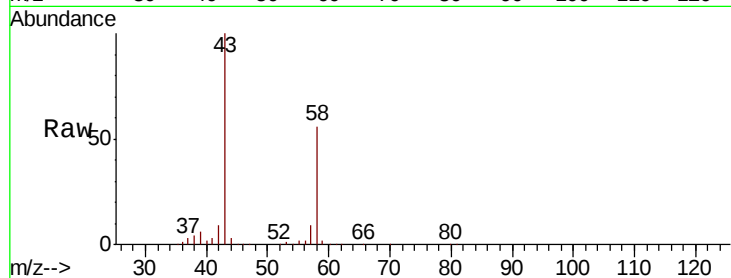
ClientSampleId :

Tot Ion: 43 Resp: 119209

Ion Ratio Lower Upper

43 100

58 52.6 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

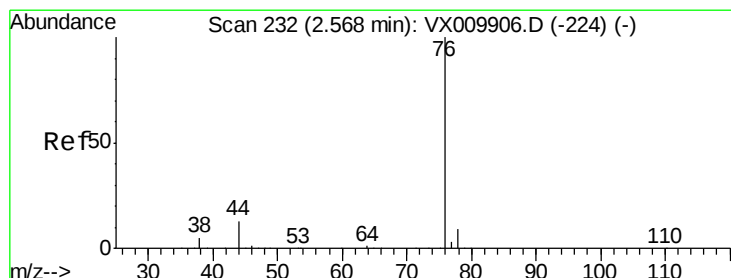
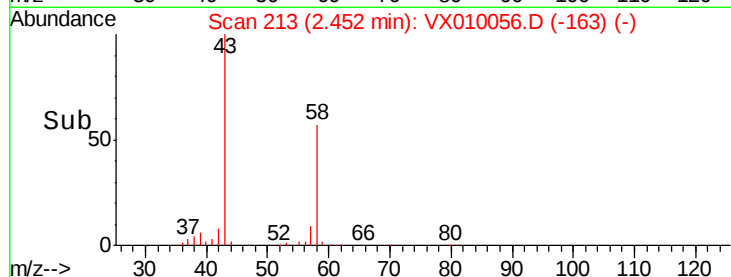
200000

100000

0

2.40 2.45 2.50 2.55

Time-->



#17

Carbon Disulfide

Concen: 0.535 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX010056.D

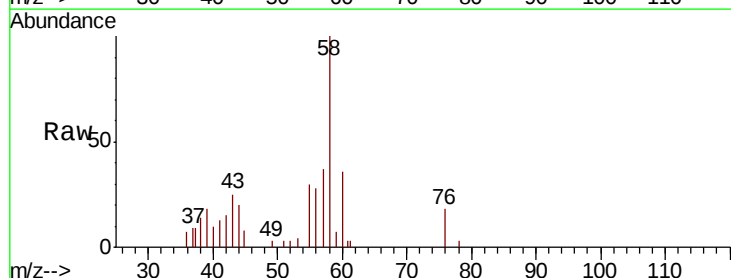
Acq: 04 Jun 2019 12:49

Tgt Ion: 76 Resp: 760

Ion Ratio Lower Upper

76 100

78 15.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

400

300

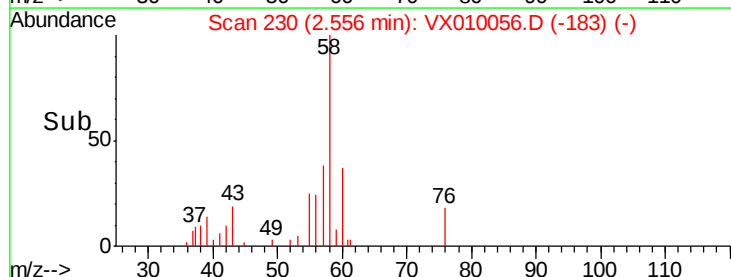
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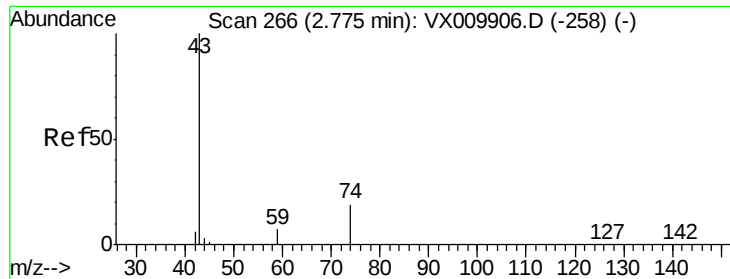
100

0

2.50 2.55 2.60

Time-->

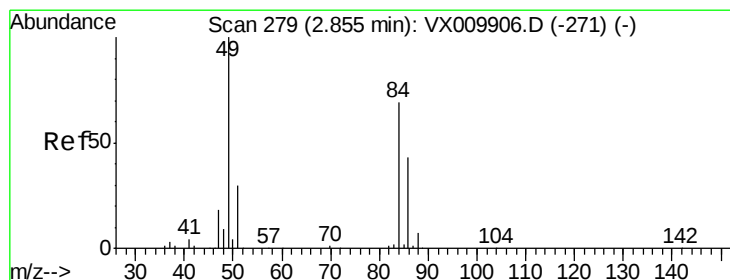
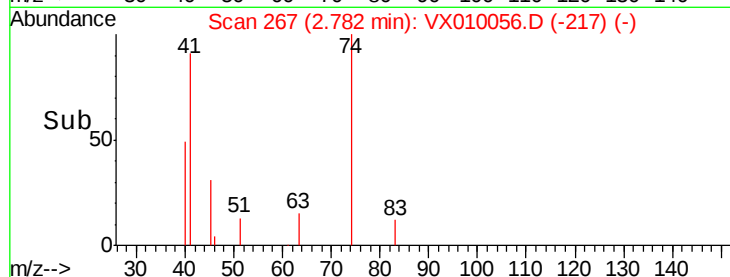
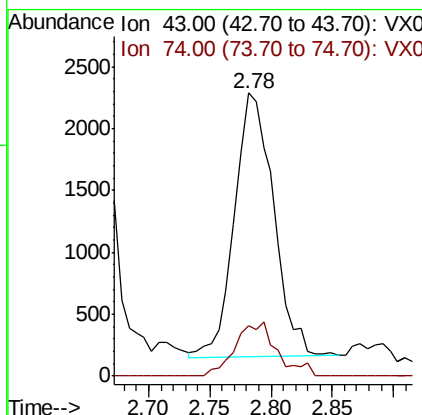
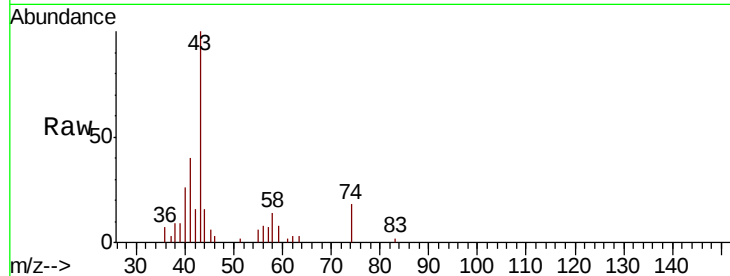




#18
Methyl Acetate
Concen: 1.526 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

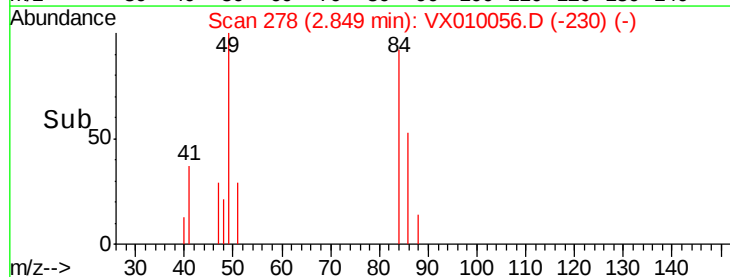
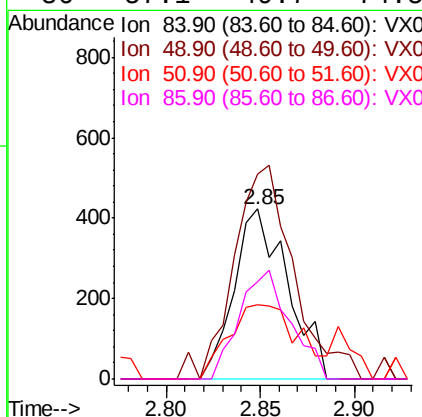
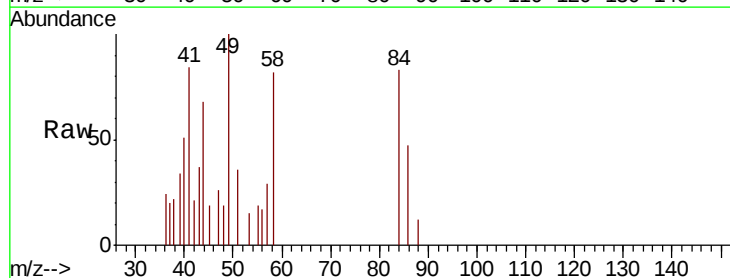
Instrument :
MSVOA_X
ClientSampled :

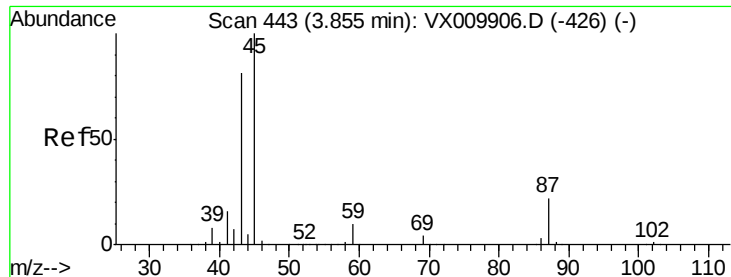
Tot Ion: 43 Resp: 4737
Ion Ratio Lower Upper
43 100
74 21.8 15.8 23.6



#20
Methylene Chloride
Concen: 0.408 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Tgt Ion: 84 Resp: 834
Ion Ratio Lower Upper
84 100
49 105.0 115.8 173.6#
51 43.8 34.4 51.6
86 57.1 49.7 74.5



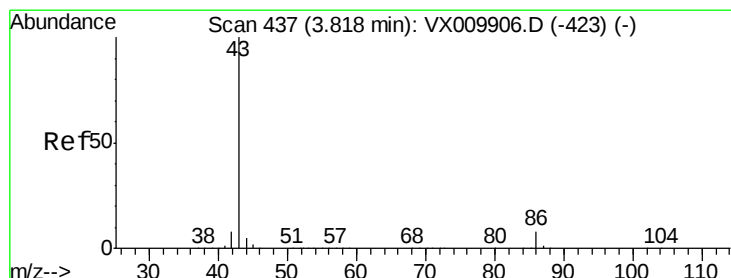
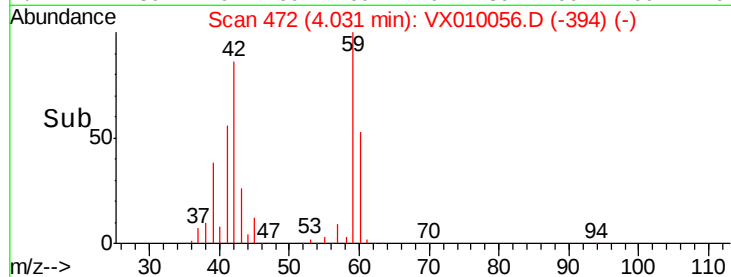
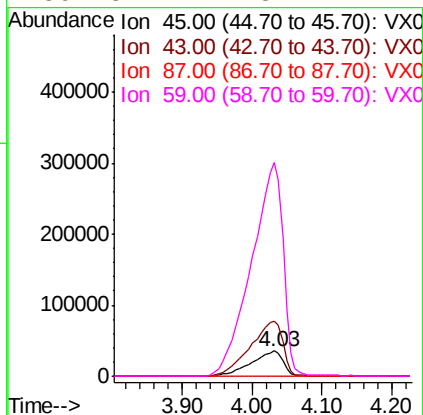
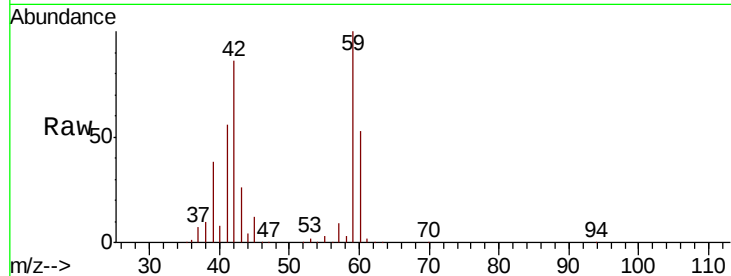


#22

Diisopropyl ether
 Concen: 14.749 ug/l
 RT: 4.03 min Scan# 472
 Delta R.T. 0.18 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :

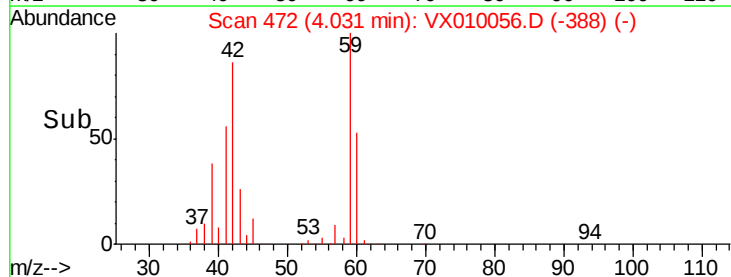
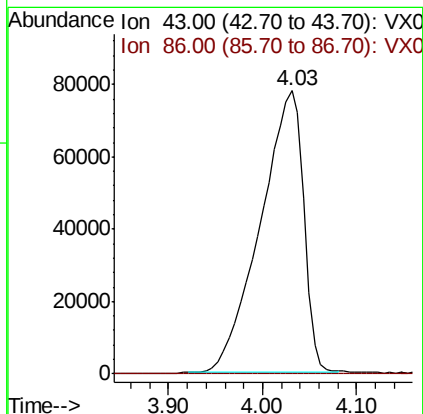
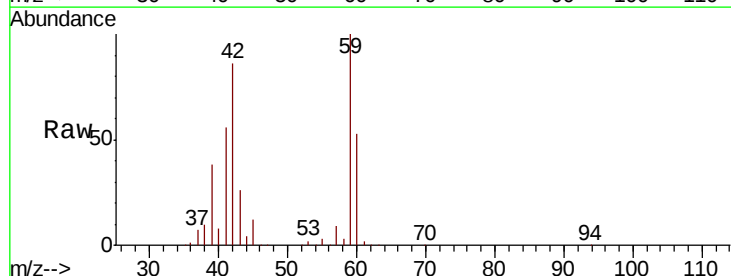
Tot Ion	45	Resp	112918
Ion Ratio	45	100	
Lower	43	218.8	65.0
Upper	87	0.0	17.3
	59	842.4	8.1
			12.1#

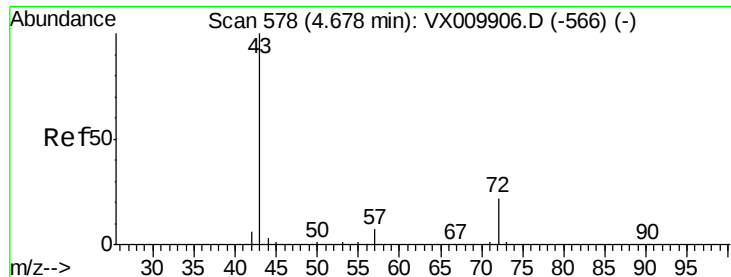


#23

Vinyl Acetate
 Concen: 36.363 ug/l
 RT: 4.03 min Scan# 472
 Delta R.T. 0.21 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

Tgt Ion	43	Resp	250092
Ion Ratio	43	100	
Lower	86	0.0	6.5
Upper			9.7#





#25

2-Butanone

Concen: 13.204 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

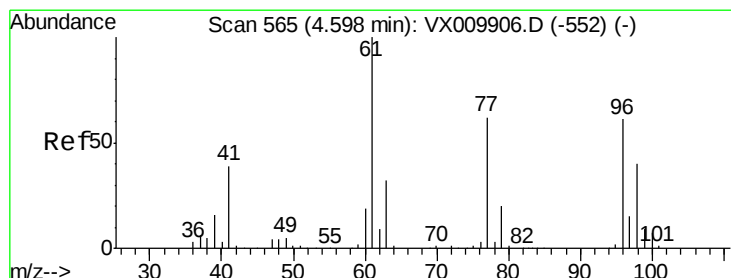
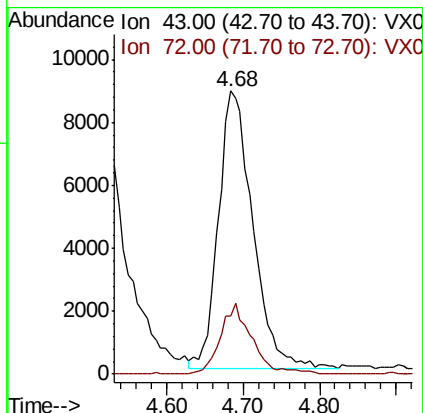
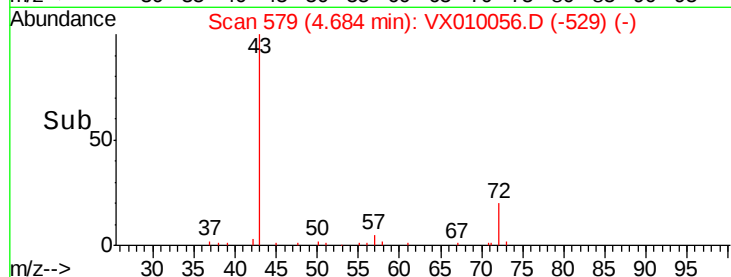
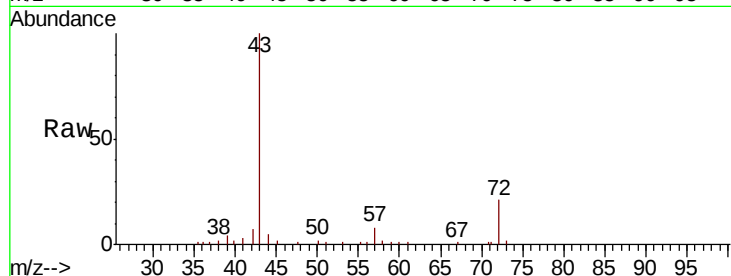
ClientSampled :

Tot Ion: 43 Resp: 27446

Ion Ratio Lower Upper

43 100

72 21.1 17.5 26.3



#27

cis-1,2-Dichloroethene

Concen: 0.350 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

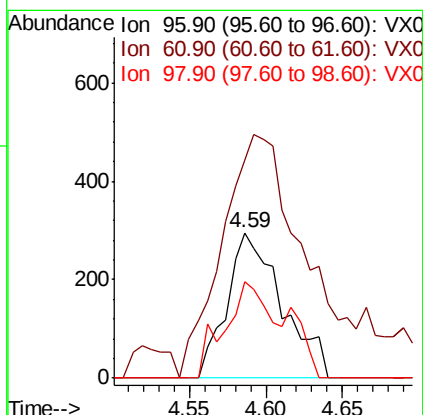
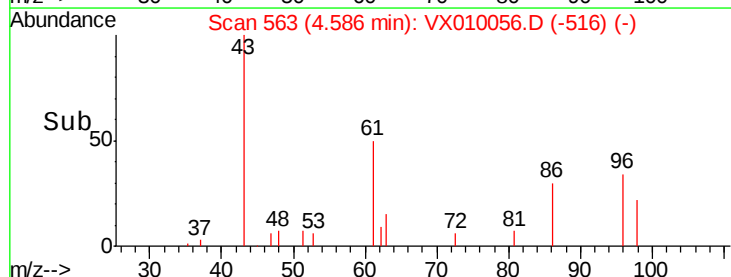
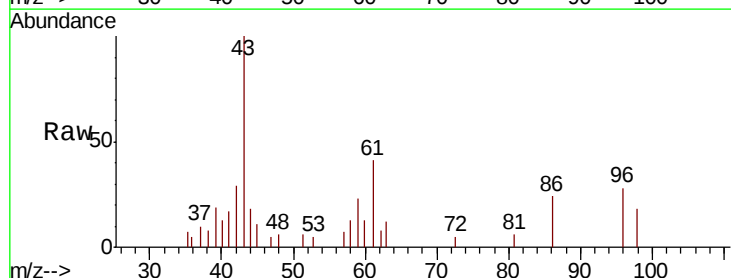
Tgt Ion: 96 Resp: 745

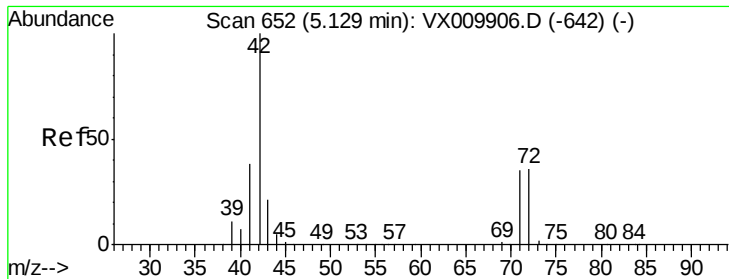
Ion Ratio Lower Upper

96 100

61 262.3 0.0 334.0

98 56.4 0.0 131.6





#29

Tetrahydrofuran

Concen: 1.909 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.04 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

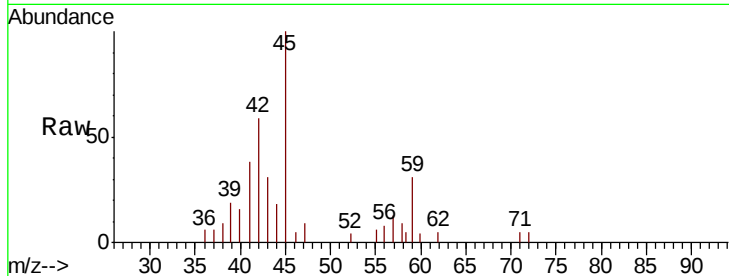
Tot Ion: 42 Resp: 2545

Ion Ratio Lower Upper

42 100

72 7.0 29.2 43.8#

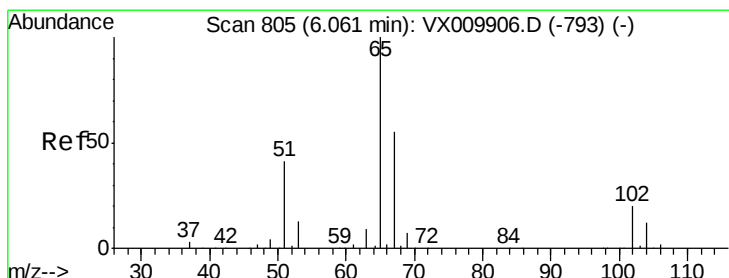
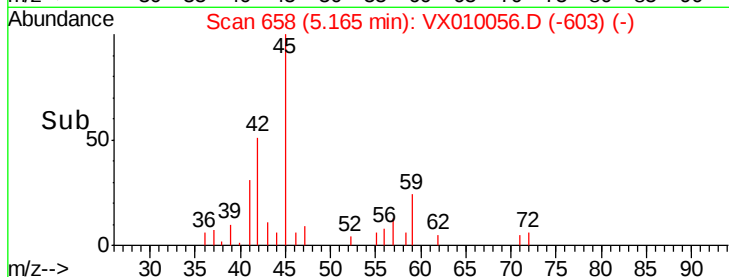
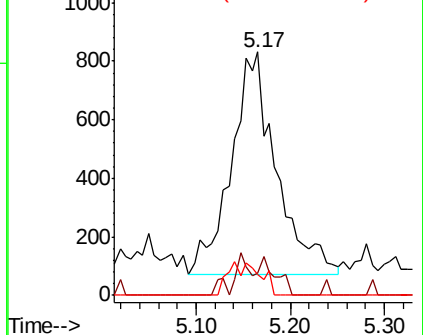
71 0.0 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.531 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010056.D

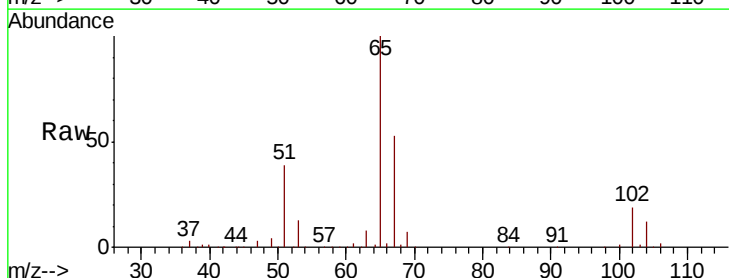
Acq: 04 Jun 2019 12:49

Tgt Ion: 65 Resp: 107447

Ion Ratio Lower Upper

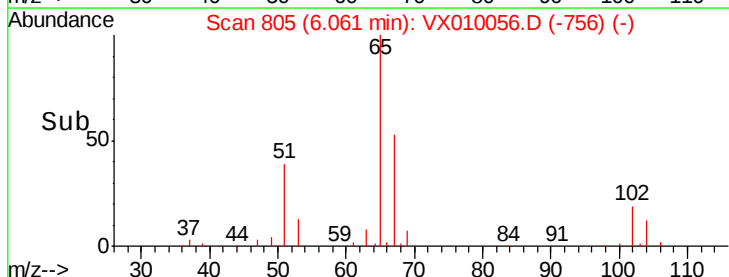
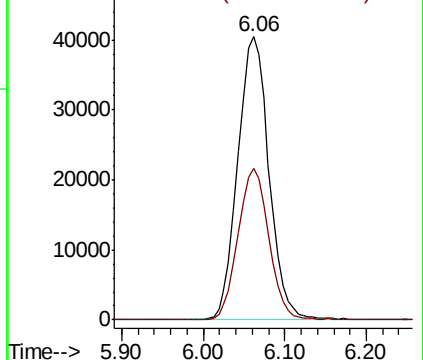
65 100

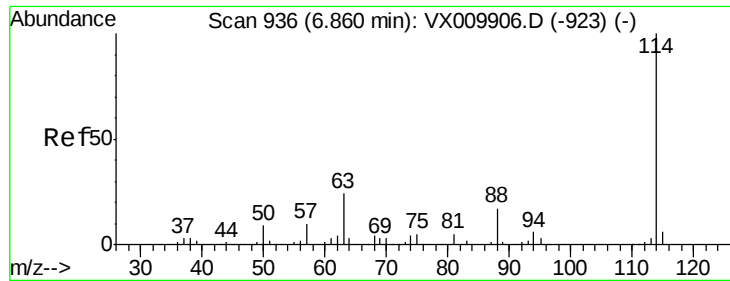
67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

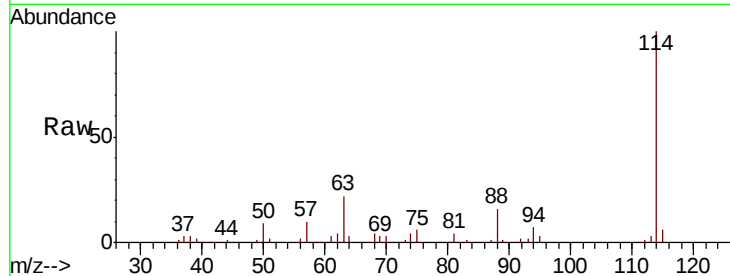




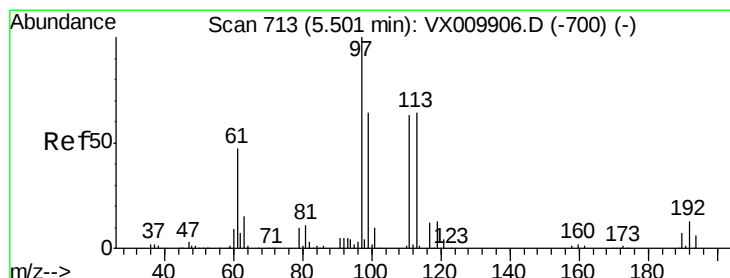
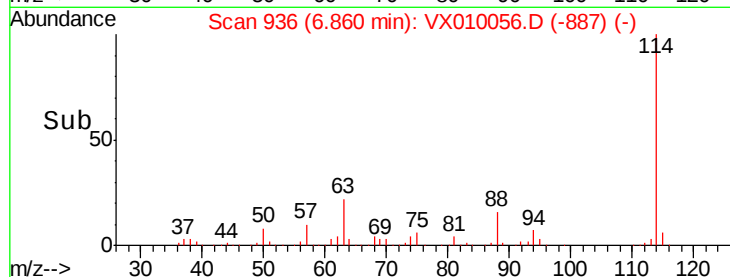
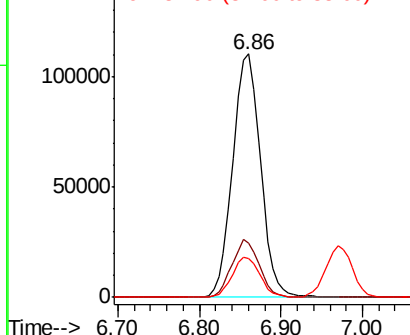
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:114 Resp: 260602
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.4
 88 16.0 0.0 33.0

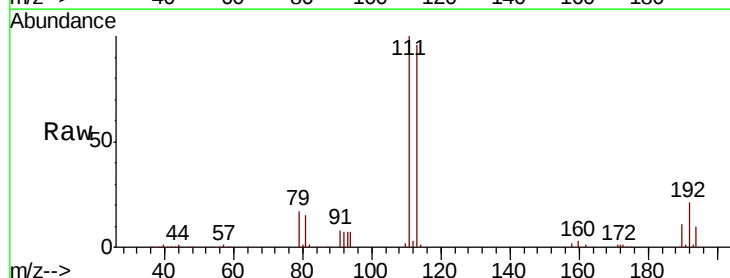


Abundance Ion 113.90 (113.60 to 114.60): V
 150000 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

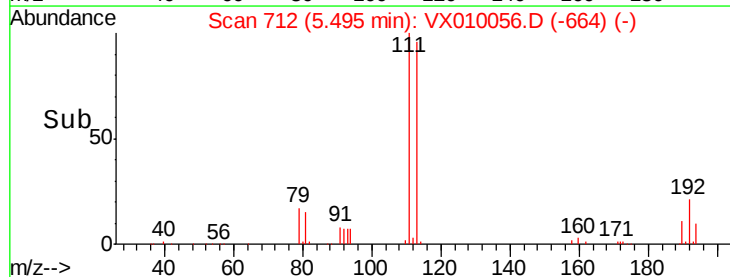
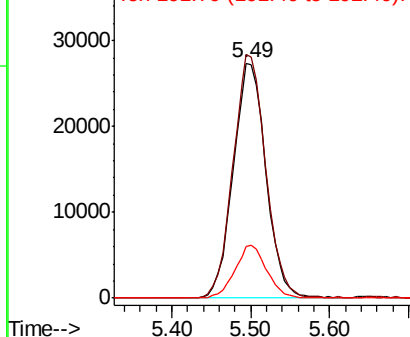


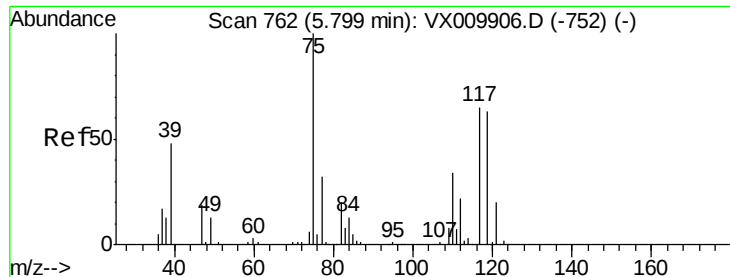
#35
 Dibromofluoromethane
 Concen: 48.018 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

Tgt Ion:113 Resp: 78673
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.2
 192 21.8 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

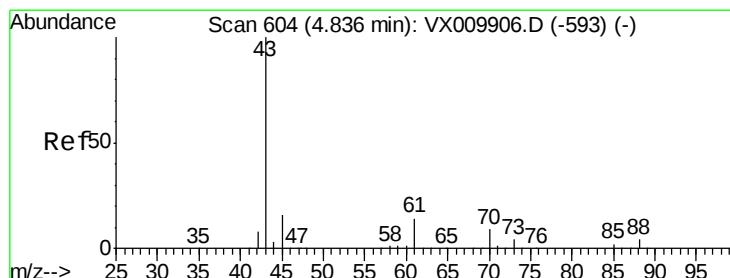
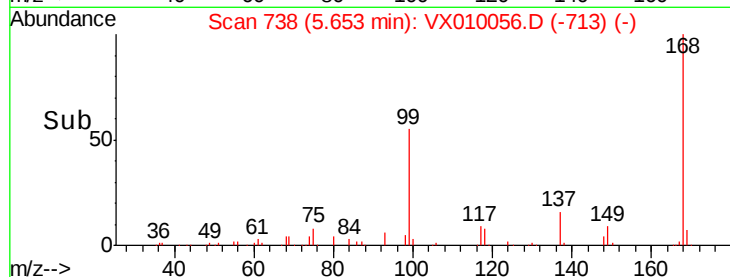
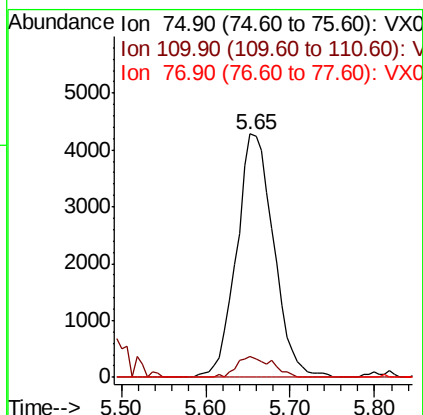
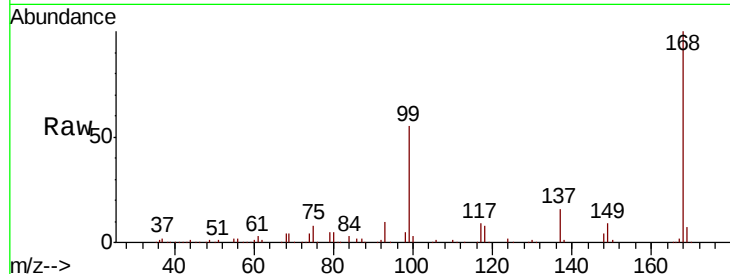




#36
 1,1-Dichloropropene
 Concen: 4.833 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

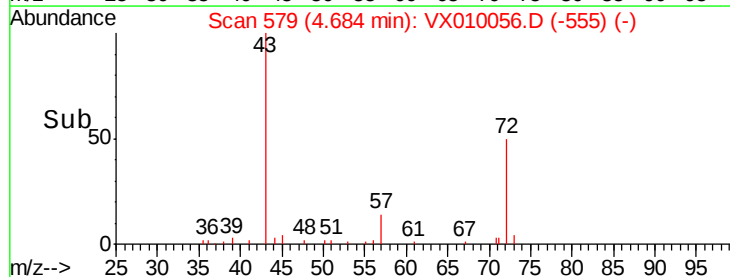
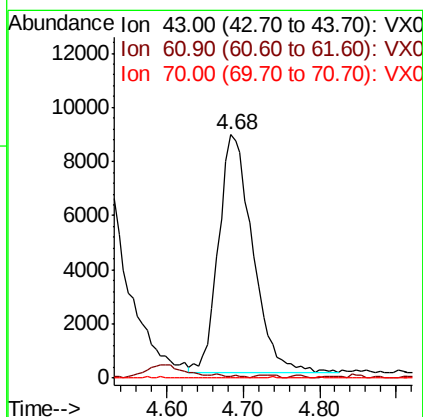
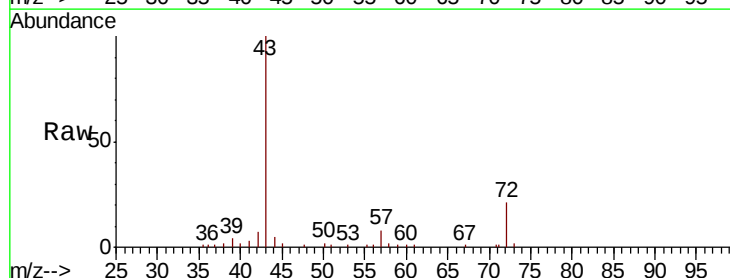
Instrument :
 MSVOA_X
 ClientSampled :

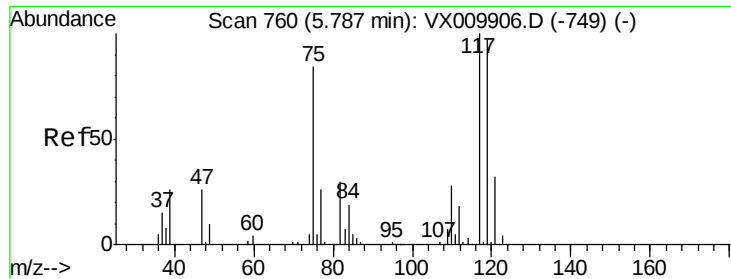
Tot Ion: 75 Resp: 12778
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.7 50.1#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 7.450 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. -0.15 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

Tgt Ion: 43 Resp: 27446
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.2#
 70 0.0 7.4 11.2#

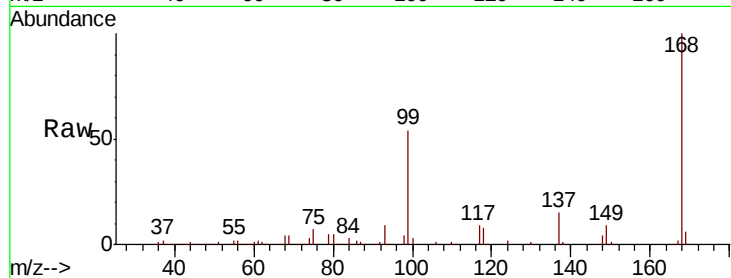




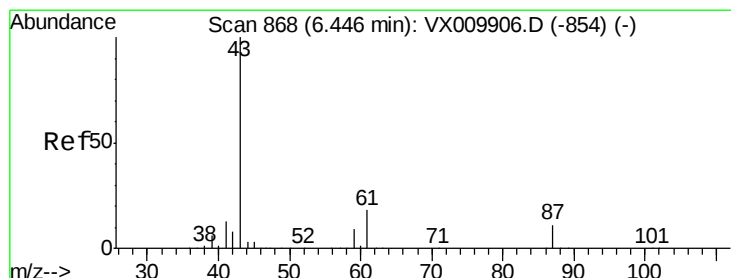
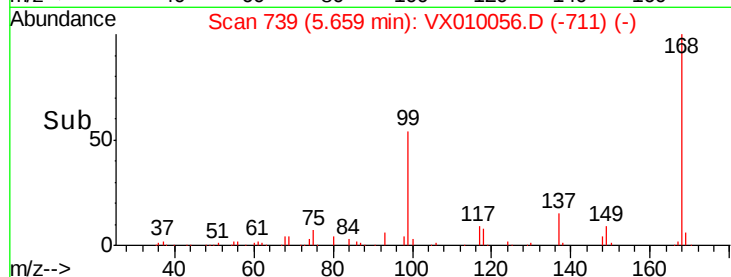
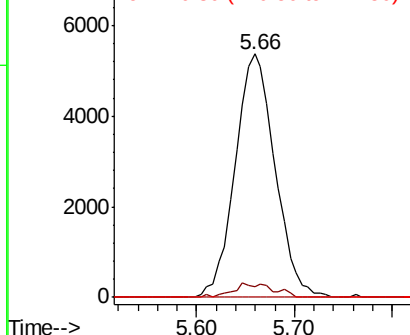
#38
Carbon Tetrachloride
Concen: 6.623 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 15133
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 25.4 38.0#

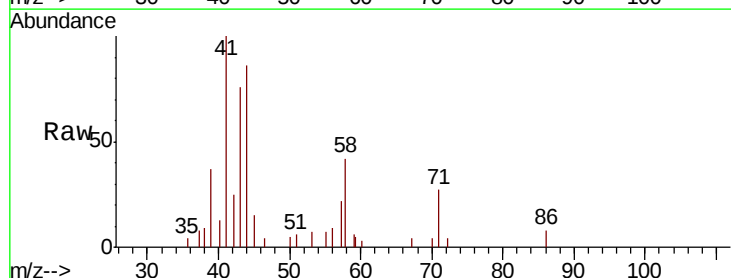


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

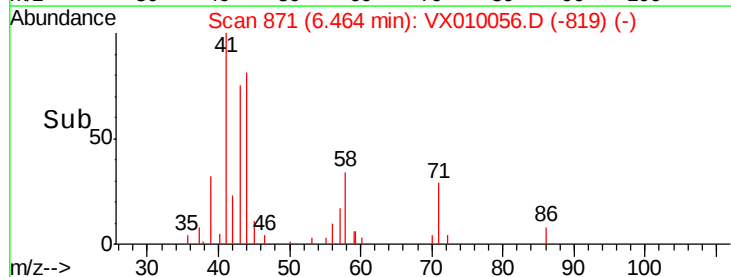
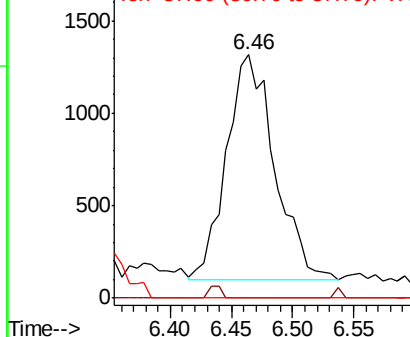


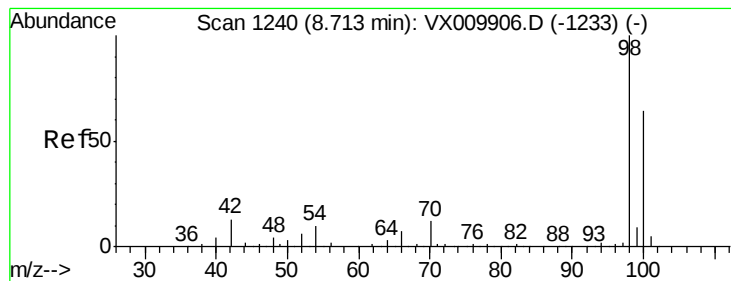
#43
Isopropyl Acetate
Concen: 0.560 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.02 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Tgt Ion: 43 Resp: 3329
Ion Ratio Lower Upper
43 100
61 0.0 14.6 21.8#
87 0.0 8.7 13.1#



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





#50

Toluene-d8

Concen: 50.815 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

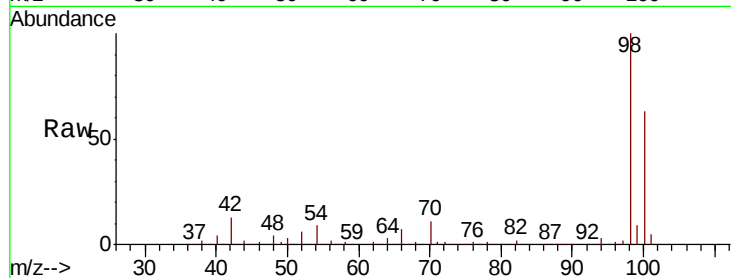
ClientSampleId :

Tot Ion: 98 Resp: 338084

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

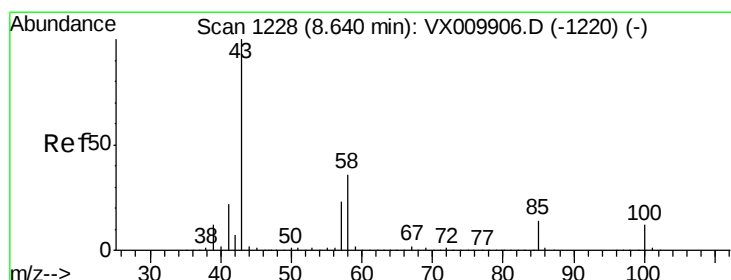
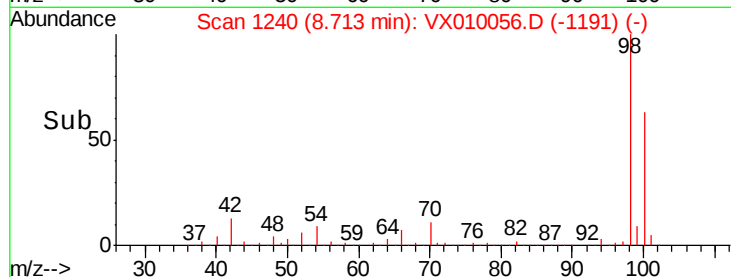
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.241 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX010056.D

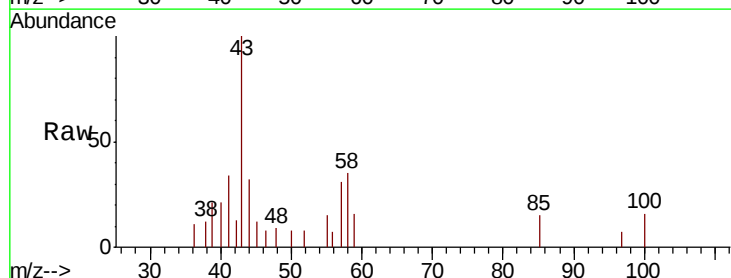
Acq: 04 Jun 2019 12:49

Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 63.3 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

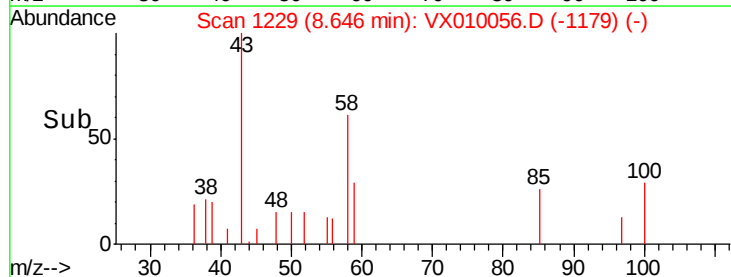
1500

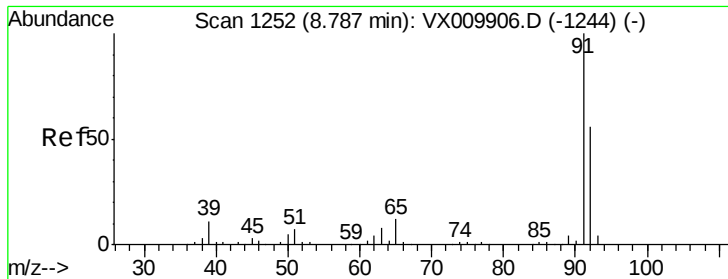
1000

500

0

Time-->





#52

Toluene

Concen: 0.472 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

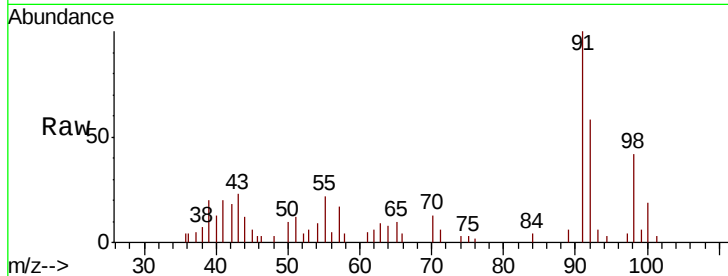
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 2246

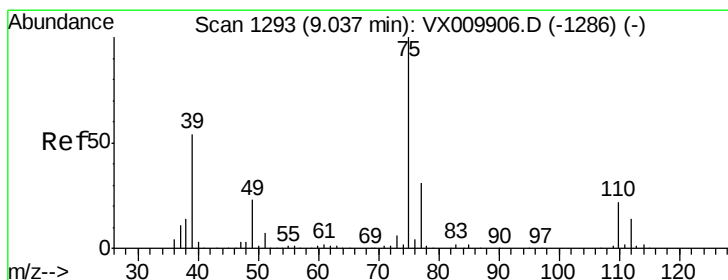
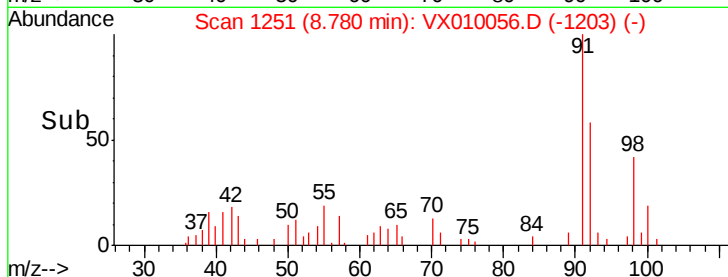
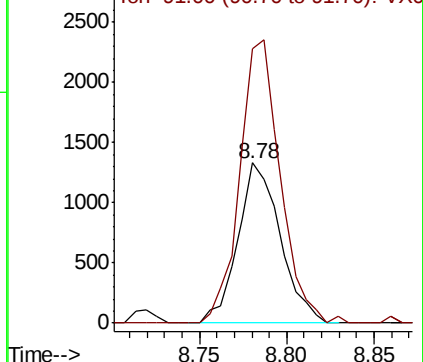
Ion Ratio Lower Upper

92 100

91 168.9 139.9 209.9



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



#53

t-1,3-Dichloropropene

Concen: 7.097 ug/l

RT: 9.07 min Scan# 1298

Delta R.T. 0.03 min

Lab File: VX010056.D

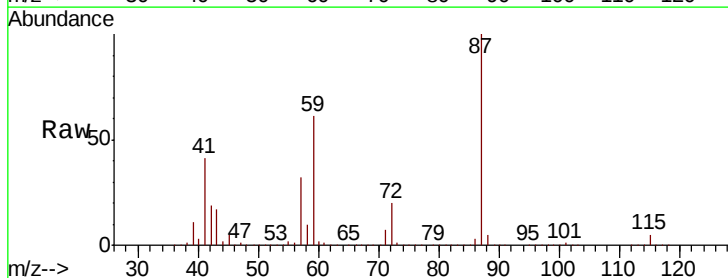
Acq: 04 Jun 2019 12:49

Tgt Ion: 75 Resp: 21512

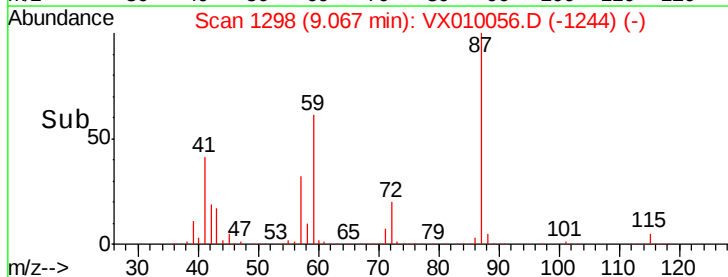
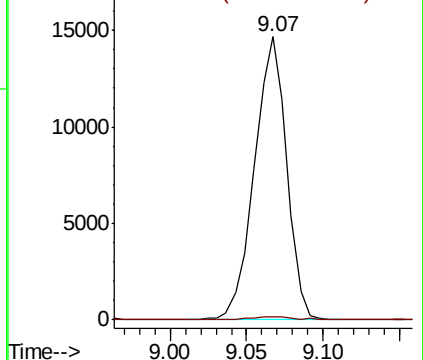
Ion Ratio Lower Upper

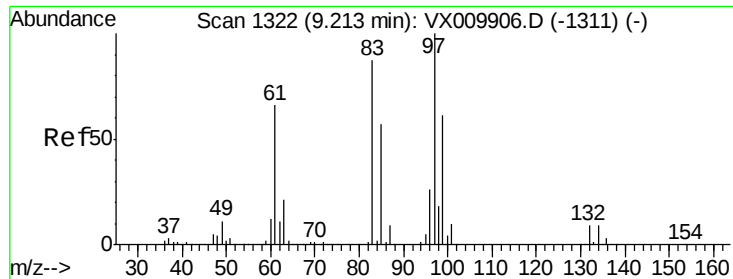
75 100

77 1.1 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0

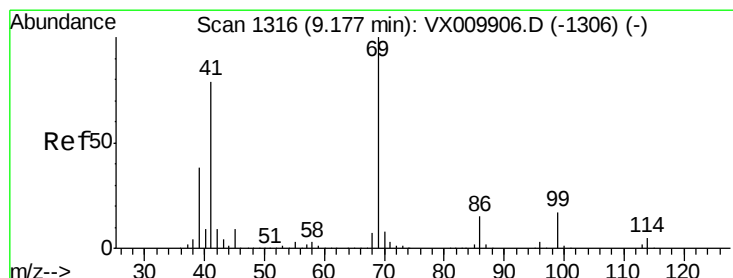
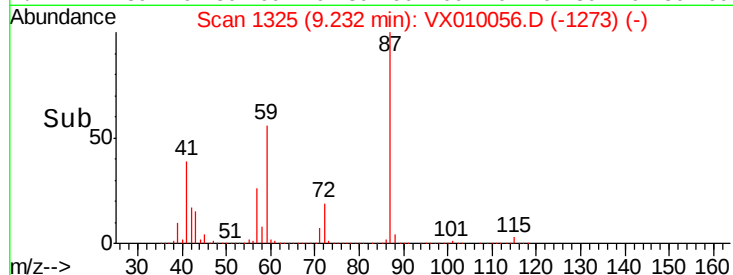
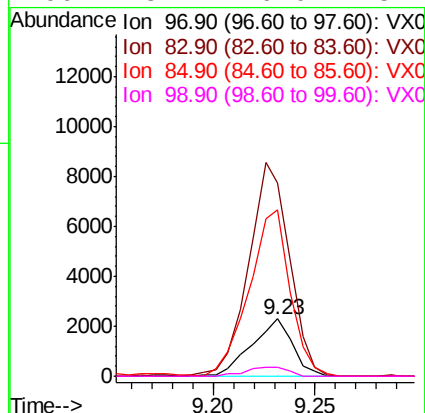
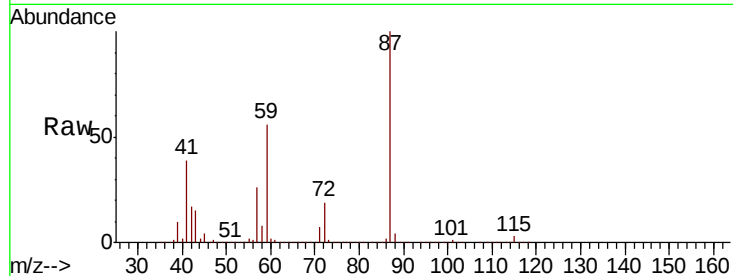




#55
 1,1,2-Trichloroethane
 Concen: 1.672 ug/l
 RT: 9.23 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

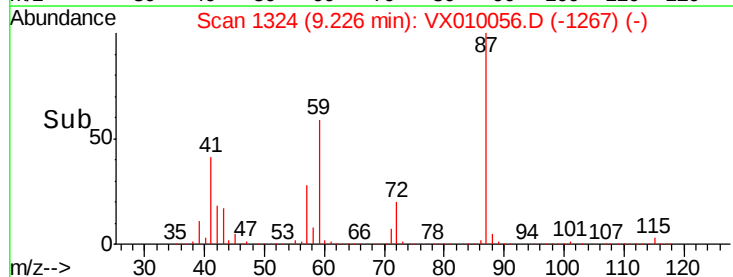
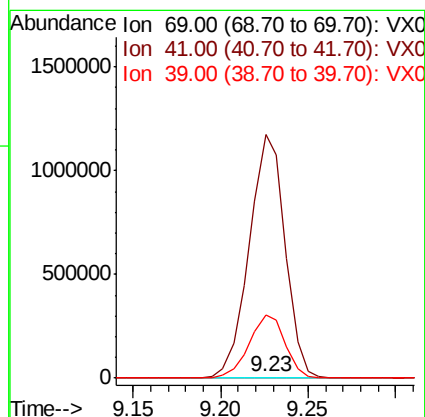
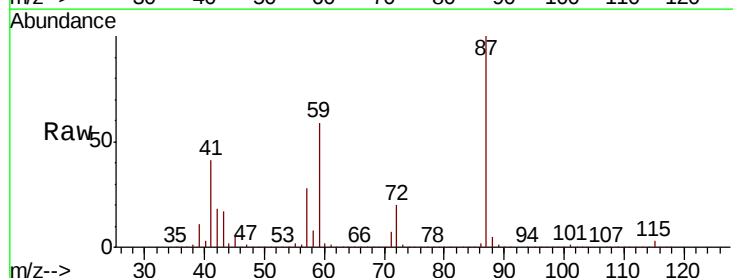
Instrument :
 MSVOA_X
 ClientSampleId :

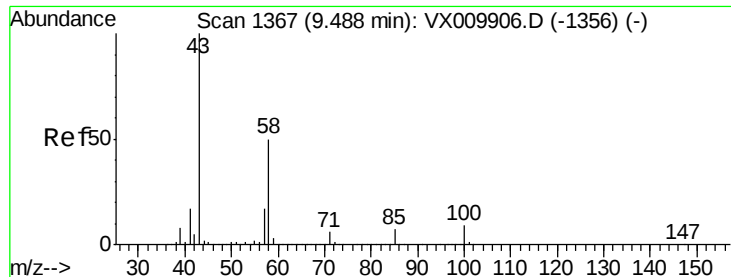
Tot Ion: 97 Resp: 3204
 Ion Ratio Lower Upper
 97 100
 83 335.1 69.8 104.8#
 85 289.7 45.3 67.9#
 99 15.4 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 2.047 ug/l
 RT: 9.23 min Scan# 1324
 Delta R.T. 0.05 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

Tgt Ion: 69 Resp: 6986
 Ion Ratio Lower Upper
 69 100
 41 23868.5 62.7 94.1#
 39 6157.0 29.5 44.3#

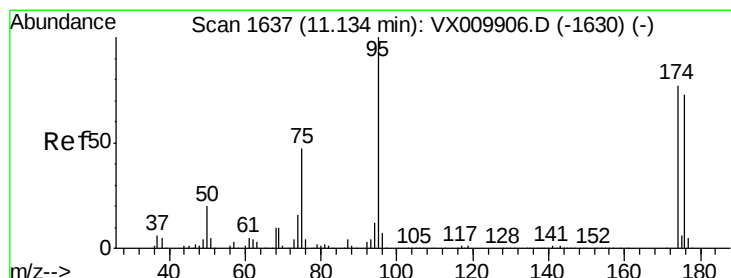
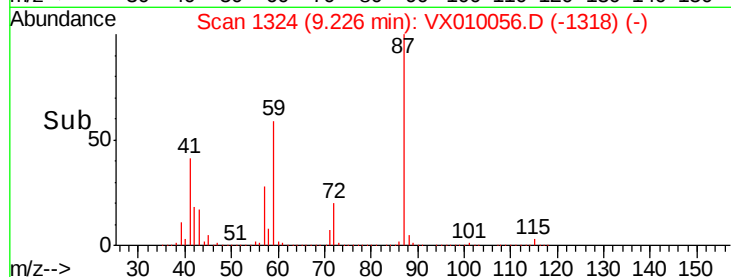
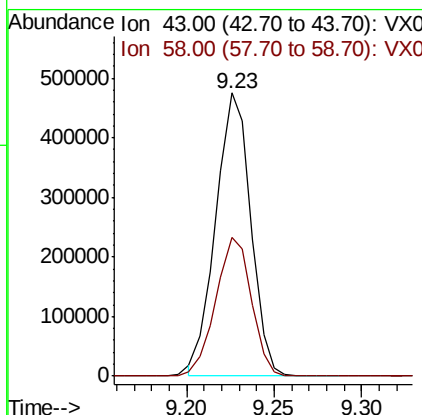
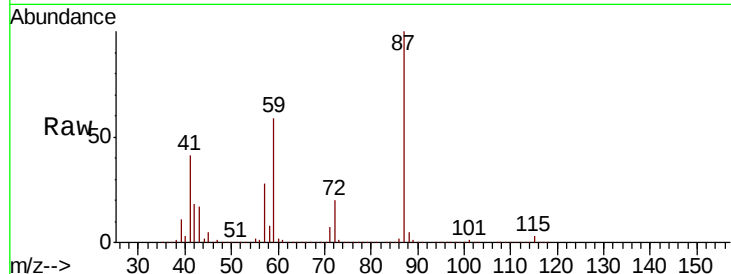




#59
2-Hexanone
Concen: 221.017 ug/l
RT: 9.23 min Scan# 1324
Delta R.T. -0.26 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

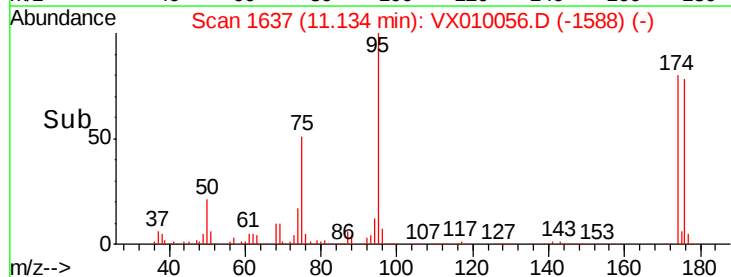
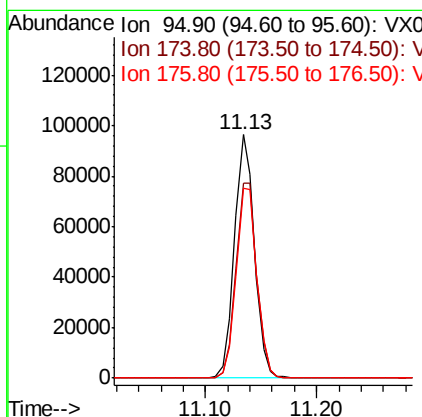
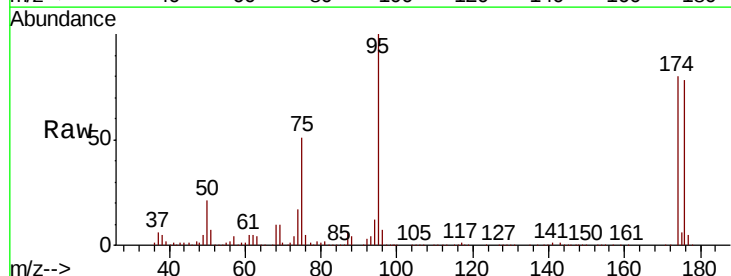
Instrument :
MSVOA_X
ClientSampled :

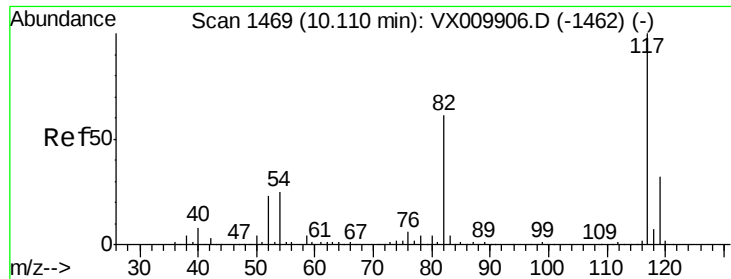
Tot Ion: 43 Resp: 658029
Ion Ratio Lower Upper
43 100
58 49.9 25.1 75.3



#62
4-Bromofluorobenzene
Concen: 49.836 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Tgt Ion: 95 Resp: 119094
Ion Ratio Lower Upper
95 100
174 84.3 0.0 160.4
176 81.7 0.0 154.6

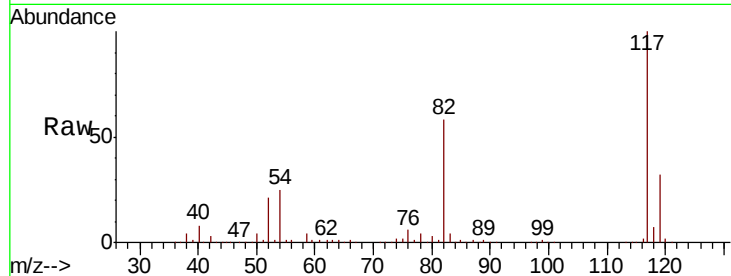




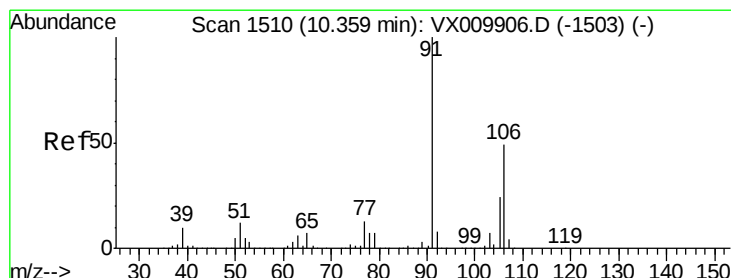
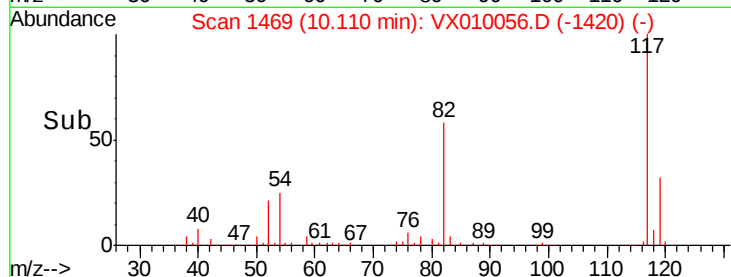
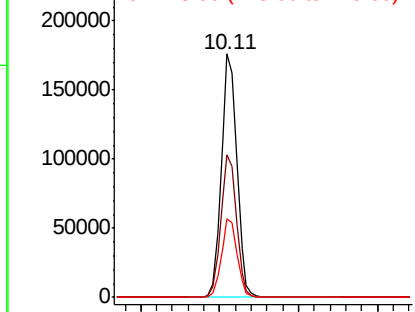
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 241818
Ion Ratio Lower Upper
117 100
82 58.3 49.2 73.8
119 32.4 25.2 37.8

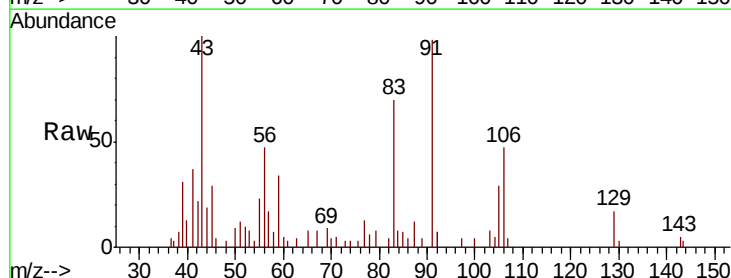


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

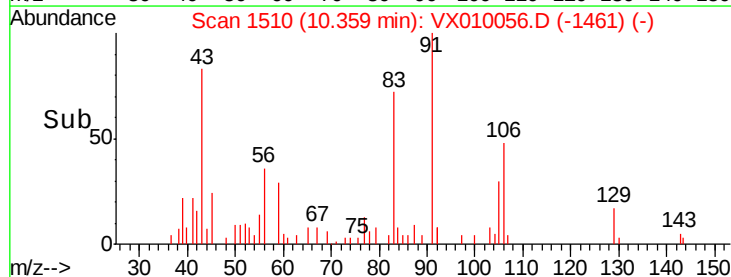
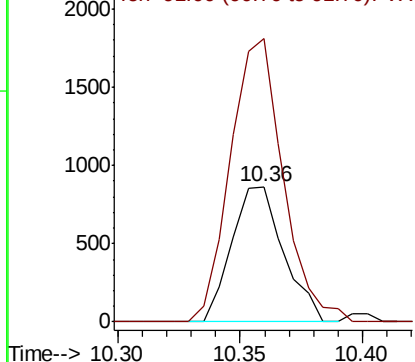


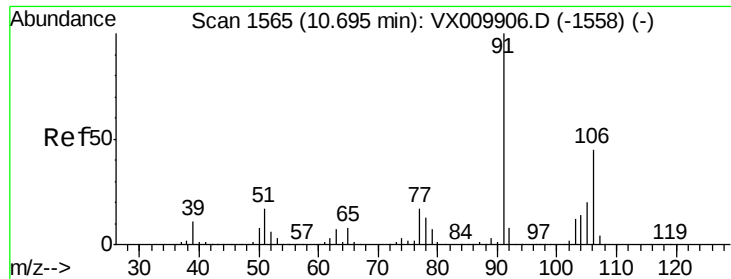
#68
m/p-Xylenes
Concen: 0.380 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Tgt Ion:106 Resp: 1275
Ion Ratio Lower Upper
106 100
91 212.9 167.3 250.9



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

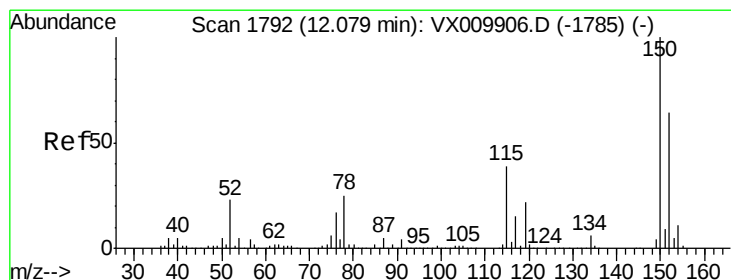
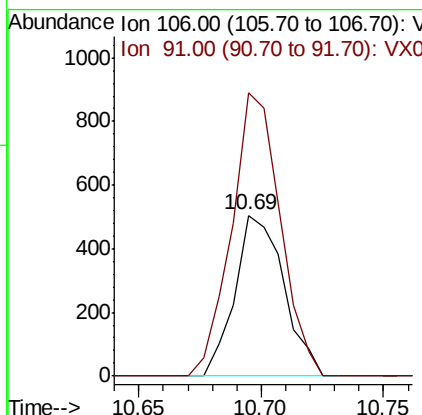
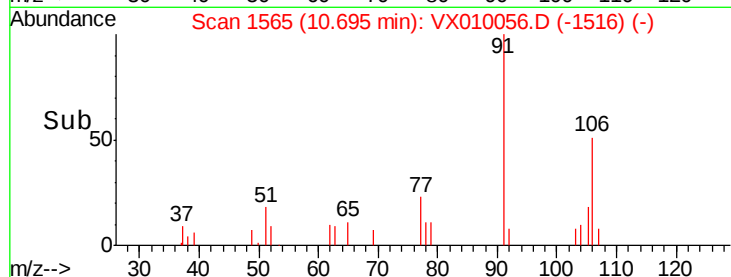
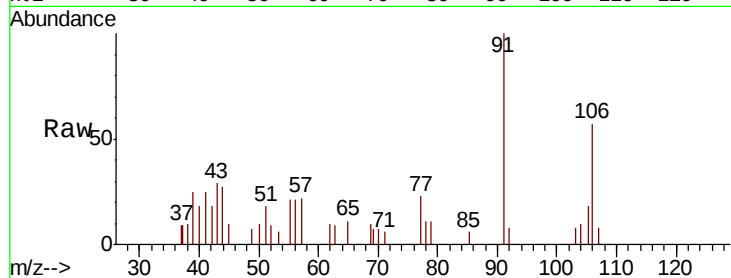




#69
o-Xylene
Concen: 0.217 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

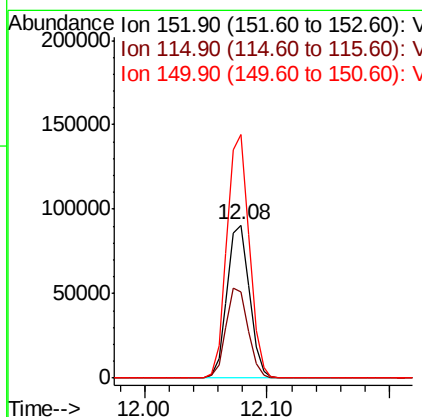
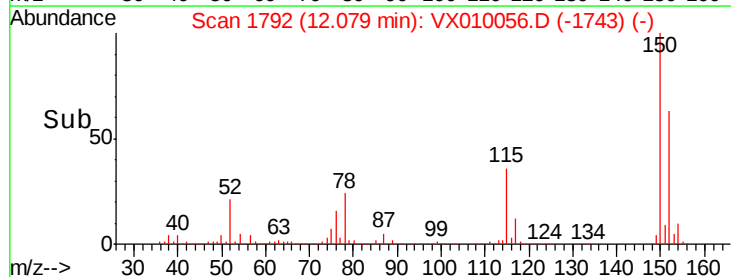
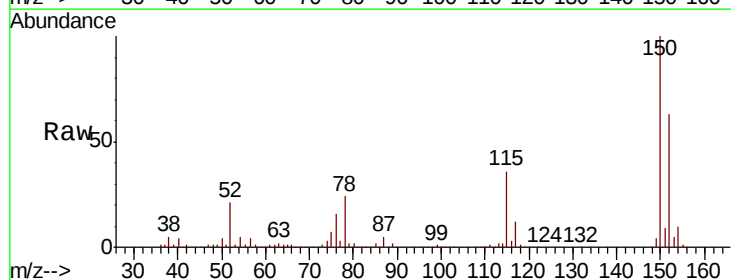
Instrument :
MSVOA_X
ClientSampled :

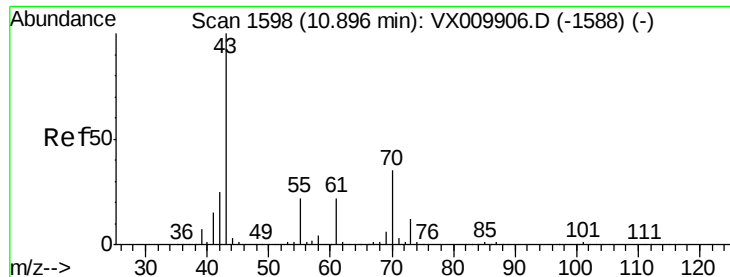
Tot Ion:106 Resp: 699
Ion Ratio Lower Upper
106 100
91 176.1 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010056.D
Acq: 04 Jun 2019 12:49

Tgt Ion:152 Resp: 114803
Ion Ratio Lower Upper
152 100
115 58.2 41.4 124.2
150 158.5 0.0 345.2





#74

N-amvl acetate

Concen: 0.252 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 1275

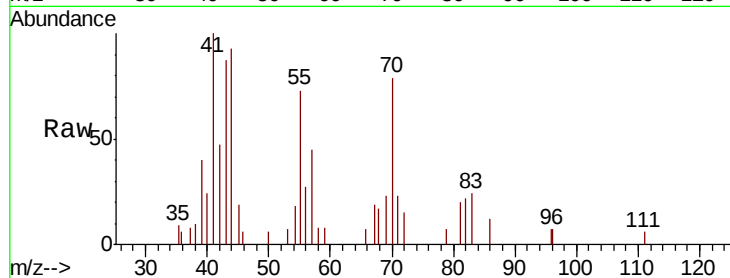
Ion Ratio Lower Upper

43 100

70 79.2 28.6 43.0#

55 84.3 17.8 26.8#

61 0.0 17.7 26.5#



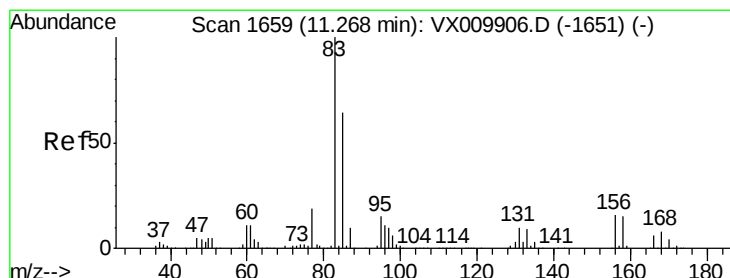
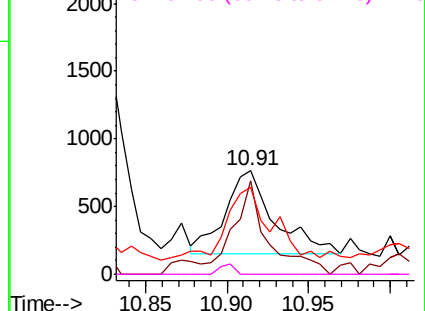
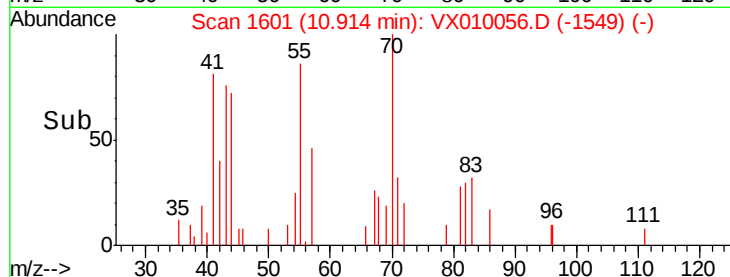
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 4.661 ug/l

RT: 11.21 min Scan# 1649

Delta R.T. -0.06 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

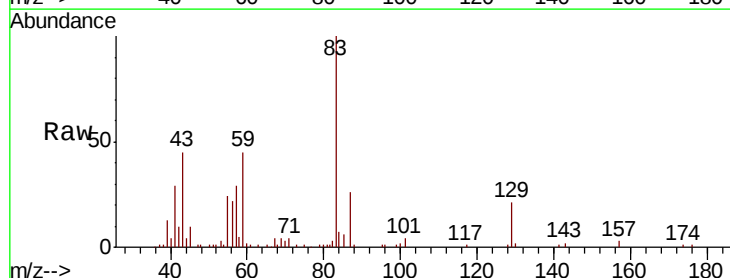
Tgt Ion: 83 Resp: 14730

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 7.8 31.9 95.9#

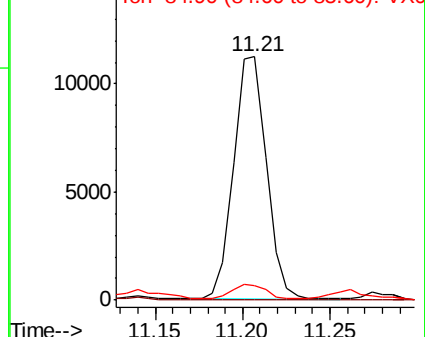
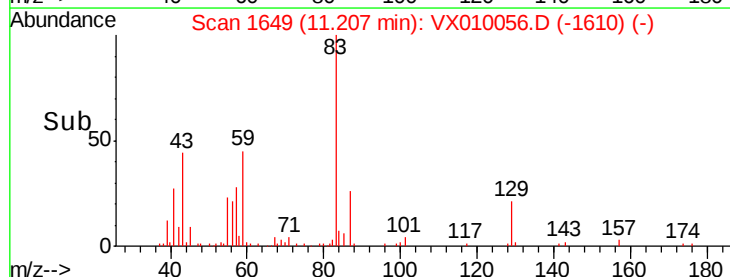


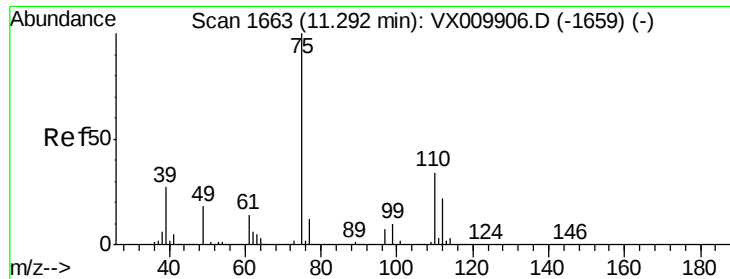
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

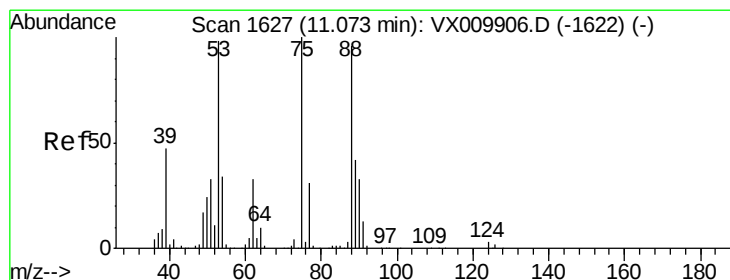
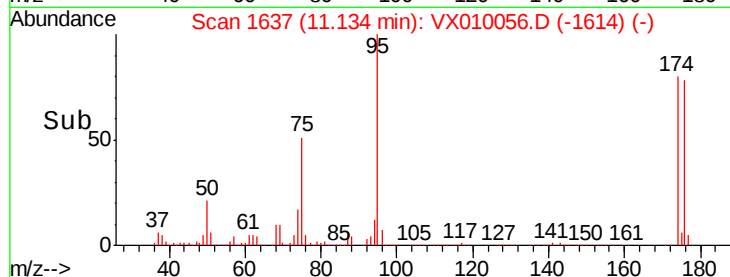
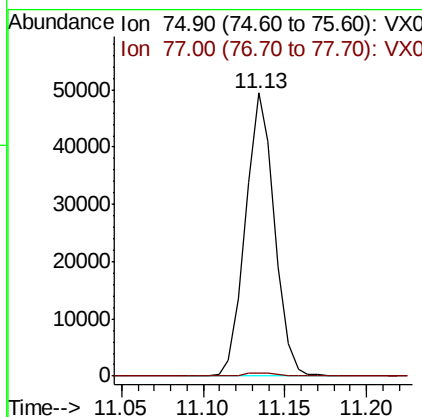
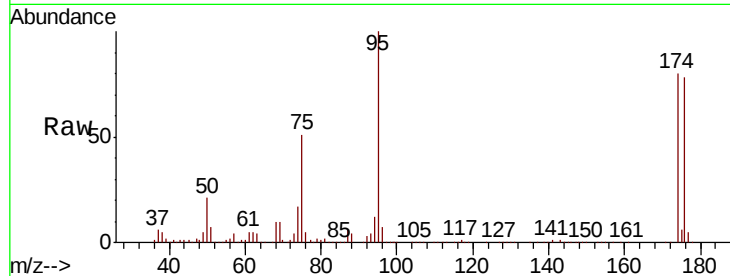




#76
 1,2,3-Trichloropropane
 Concen: 22.326 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

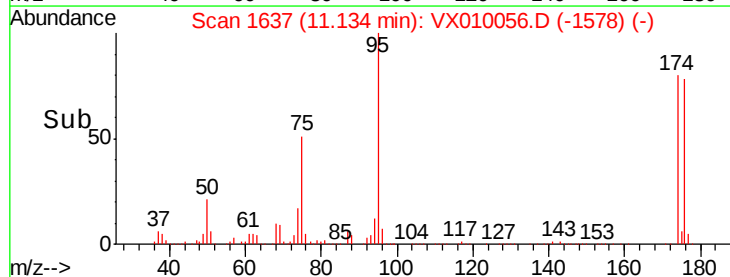
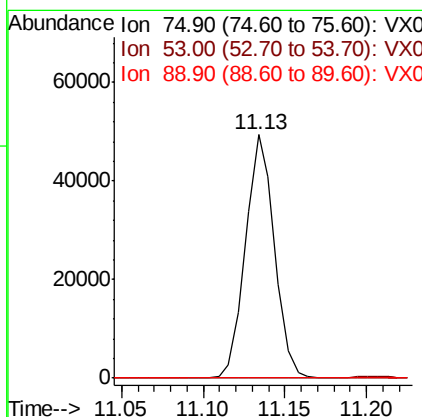
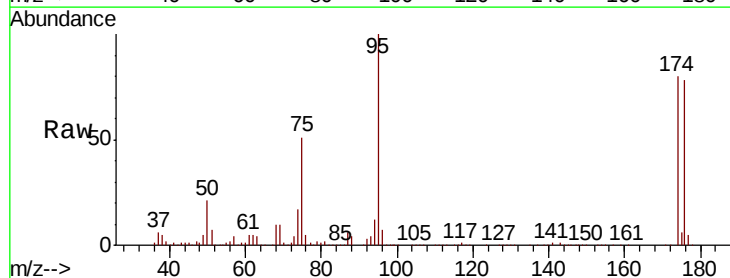
Instrument :
 MSVOA_X
 ClientSampleId :

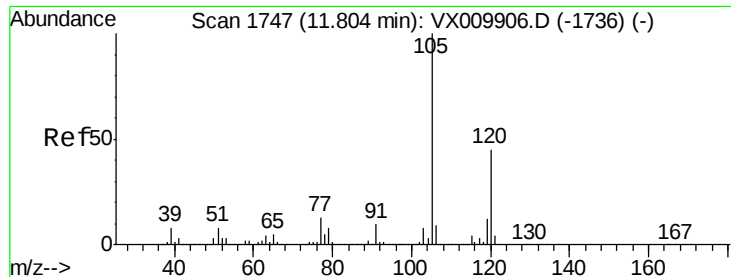
Tot Ion: 75 Resp: 61291
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.238 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010056.D
 Acq: 04 Jun 2019 12:49

Tgt Ion: 75 Resp: 61291
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.8 119.6#
 89 0.0 34.2 51.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.390 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

Instrument :

MSVOA_X

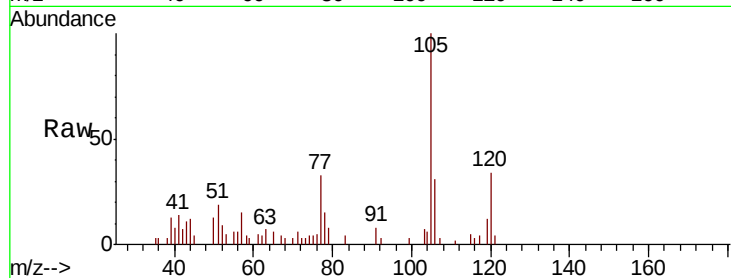
ClientSampleId :

Tot Ion:105 Resp: 2824

Ion Ratio Lower Upper

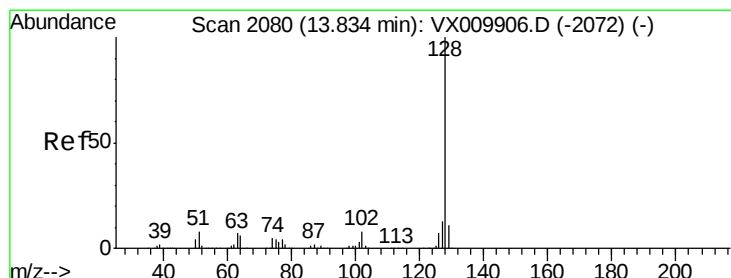
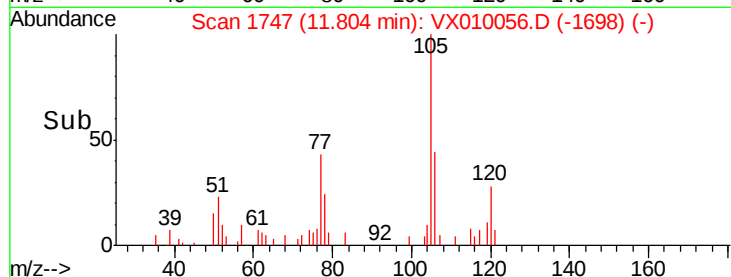
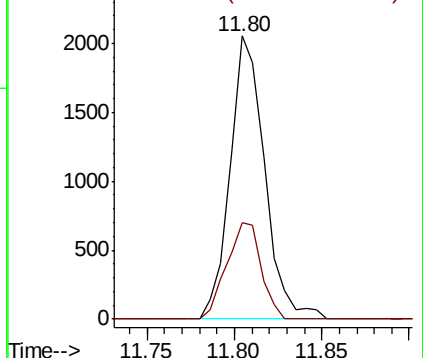
105 100

120 33.6 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.306 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010056.D

Acq: 04 Jun 2019 12:49

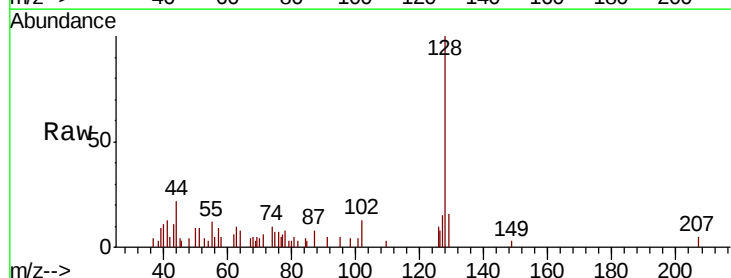
Tgt Ion:128 Resp: 2579

Ion Ratio Lower Upper

128 100

127 15.2 10.6 16.0

129 16.6 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

