

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009557.D
 Acq On : 14 May 2019 12:40
 Operator : JC/SP
 Sample : PB119701TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB119701TB

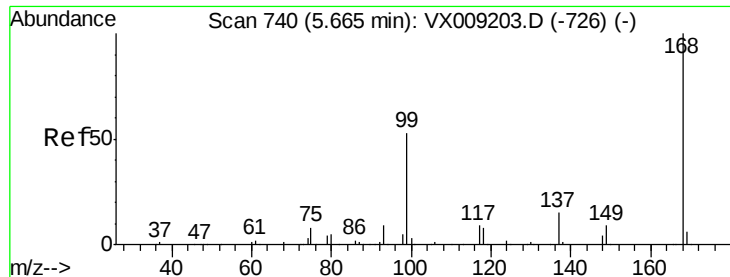
Quant Time: May 15 01:52:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119494	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	88373	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	364285	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	116504	43.57	ug/l	0.00
Spiked Amount			Recovery	=	87.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	384	0.286	ug/l	82
10) Methyl Iodide	2.51	142	342	4.750	ug/l #	93
11) Tert butyl alcohol	3.04	59	651	1.129	ug/l #	81
13) Acrolein	2.29	56	355	0.680	ug/l	87
15) Acrylonitrile	3.16	53	375	0.266	ug/l #	82
16) Acetone	2.44	43	24342	18.204	ug/l	97
18) Methyl Acetate	2.78	43	1548	0.487	ug/l #	90
20) Methylene Chloride	2.85	84	5609	2.591	ug/l	94
25) 2-Butanone	4.68	43	3984	1.917	ug/l #	90
28) Bromochloromethane	5.03	49	160	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1400	1.047	ug/l #	86
36) 1,1-Dichloropropene	5.66	75	14078	5.225	ug/l #	50
37) Ethyl Acetate	4.86	43	787	0.210	ug/l #	81
38) Carbon Tetrachloride	5.66	117	16791	6.858	ug/l #	15
43) Isopropyl Acetate	6.45	43	14005	2.332	ug/l	99
48) Methyl methacrylate	7.67	41	7829	2.628	ug/l #	18
49) 1,4-Dioxane	7.86	88	178	2.946	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	101521	25.864	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	43205	12.640	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	10169	2.794	ug/l #	44
59) 2-Hexanone	9.54	43	163529	53.045	ug/l #	51
65) Chlorobenzene	10.14	112	1038	0.207	ug/l	95
74) N-amyl acetate	10.69	43	16688	3.872	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	58869	24.964	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	5393	0.866	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	58869	63.873	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

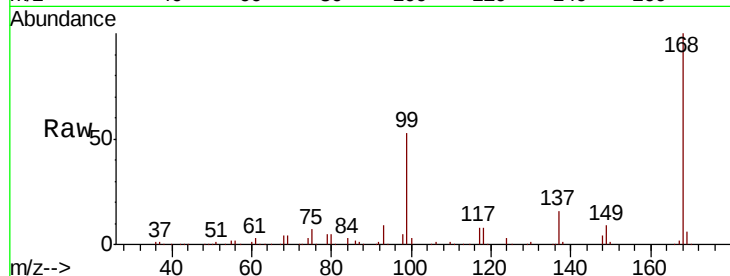
PB119701TB

Tot Ion:168 Resp: 182420

Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.67

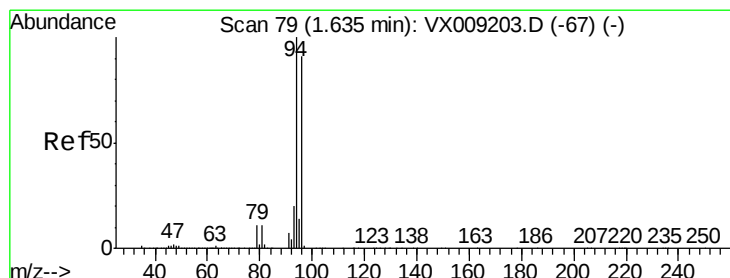
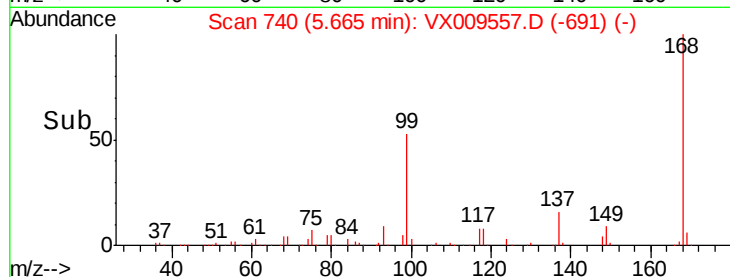
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.286 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009557.D

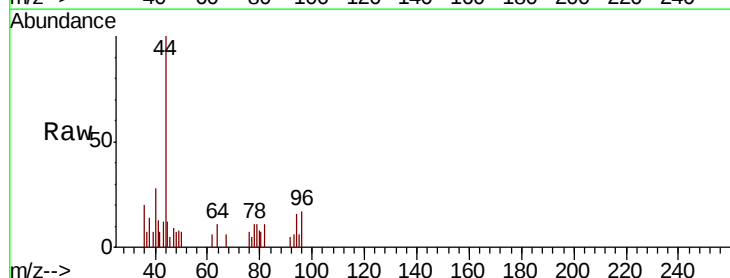
Acq: 14 May 2019 12:40

Tgt Ion: 94 Resp: 384

Ion Ratio Lower Upper

94 100

96 108.6 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX009203.D (-67) (-)

Ion 95.90 (95.60 to 96.60): VX009203.D (-67) (-)

1.65

200

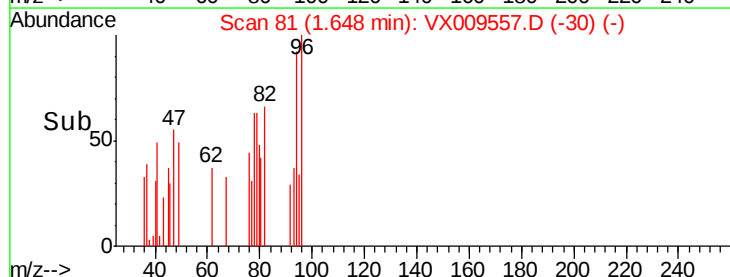
150

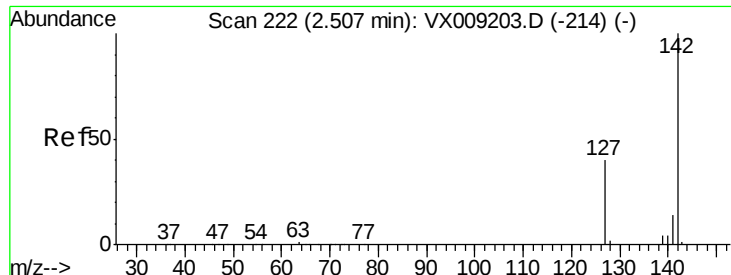
100

50

0

Time--> 1.60 1.65 1.70

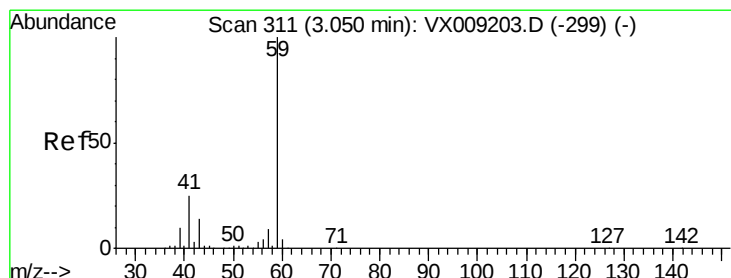
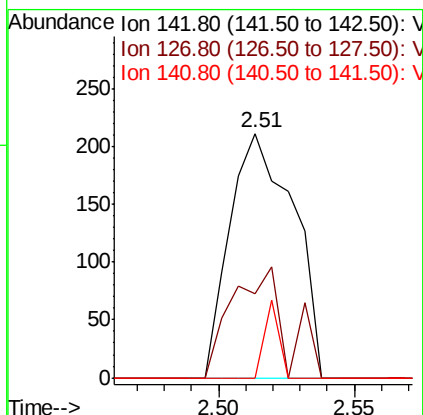
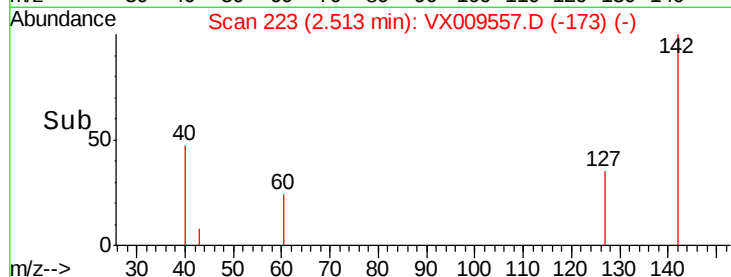
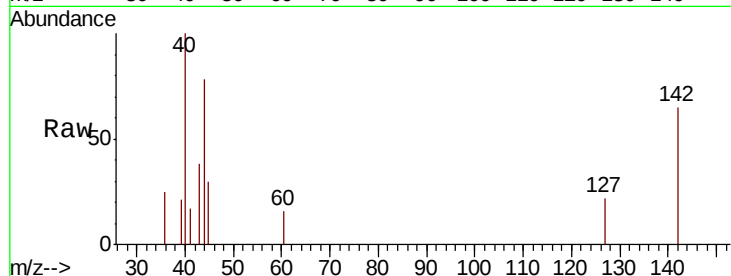




#10
Methvl Iodide
Concen: 4.750 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

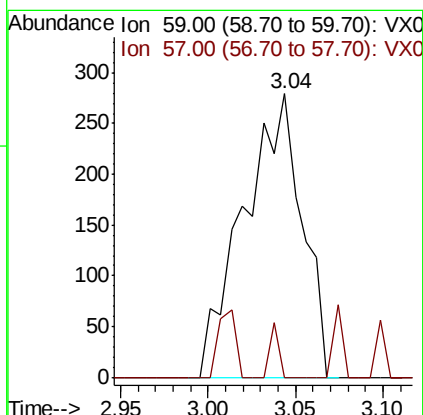
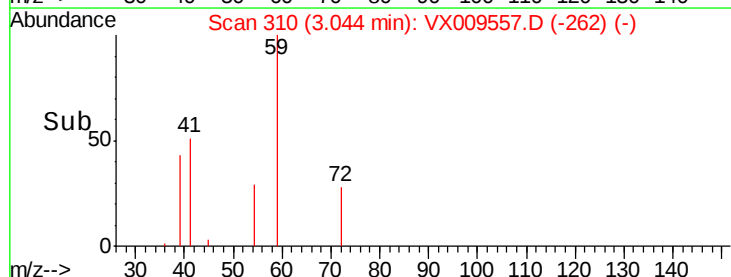
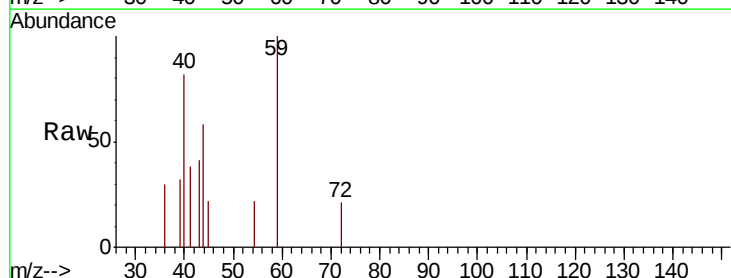
Instrument :
MSVOA_X
ClientSampled :
PB119701TB

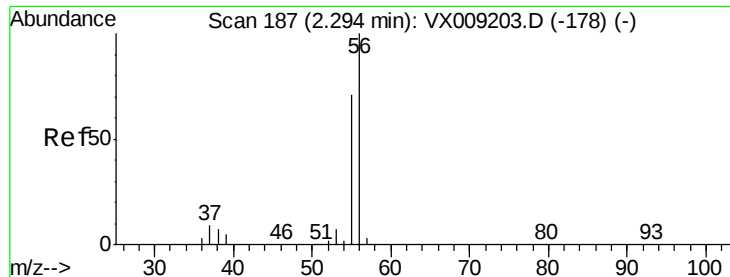
Tot Ion:142 Resp: 342
Ion Ratio Lower Upper
142 100
127 39.2 32.7 49.1
141 7.3 11.5 17.3#



#11
Tert butyl alcohol
Concen: 1.129 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

Tgt Ion: 59 Resp: 651
Ion Ratio Lower Upper
59 100
57 3.1 8.2 12.2#





#13

Acrolein

Concen: 0.680 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampled :

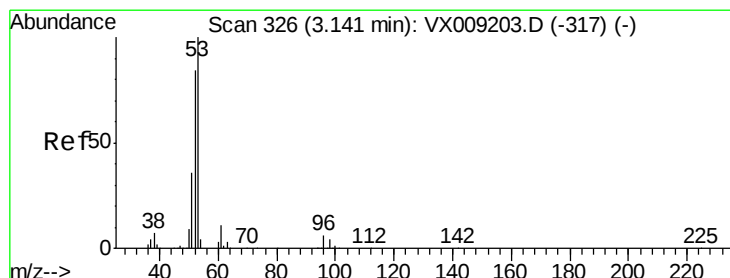
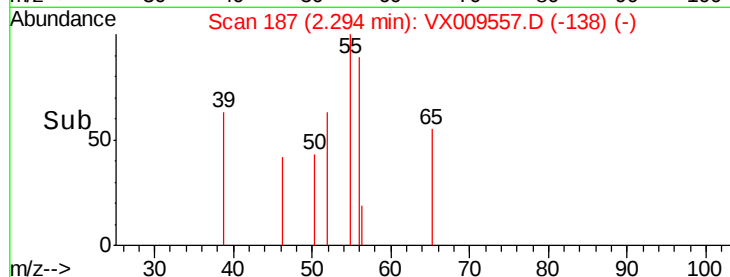
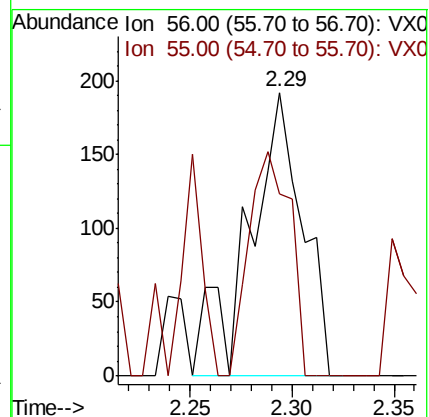
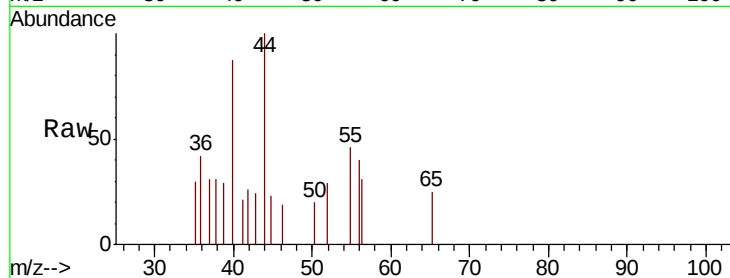
PB119701TB

Tot Ion: 56 Resp: 355

Ion Ratio Lower Upper

56 100

55 60.0 56.6 85.0



#15

Acrylonitrile

Concen: 0.266 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.02 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

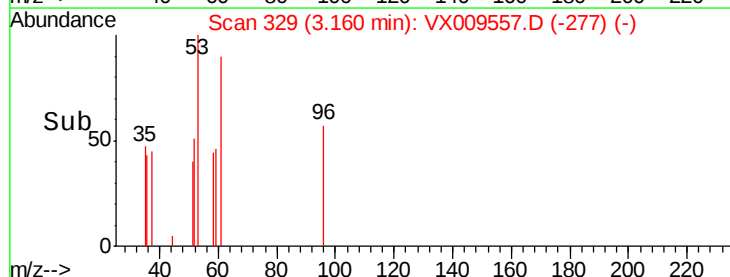
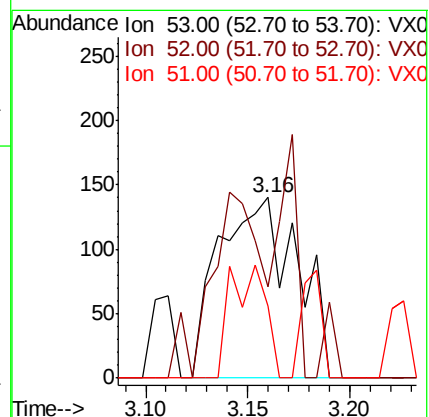
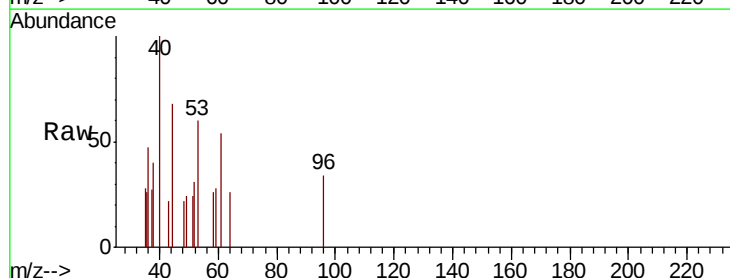
Tgt Ion: 53 Resp: 375

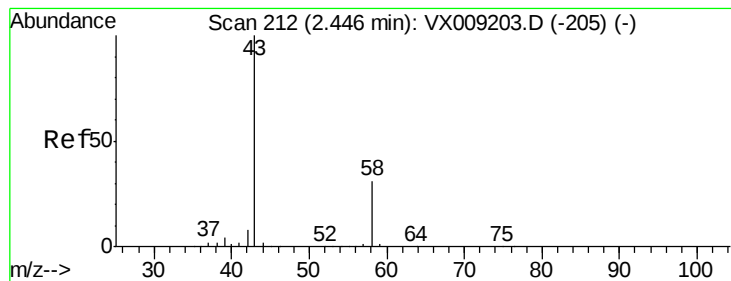
Ion Ratio Lower Upper

53 100

52 65.1 66.9 100.3#

51 28.0 28.2 42.2#





#16

Acetone

Concen: 18.204 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

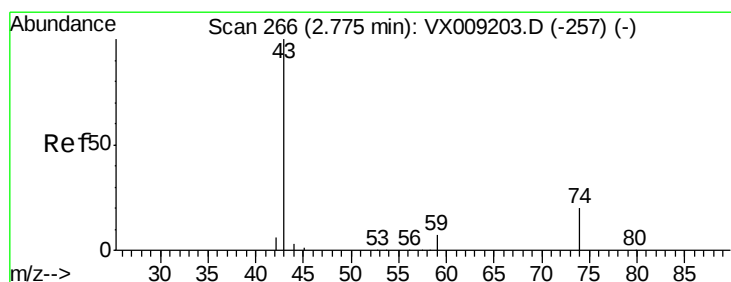
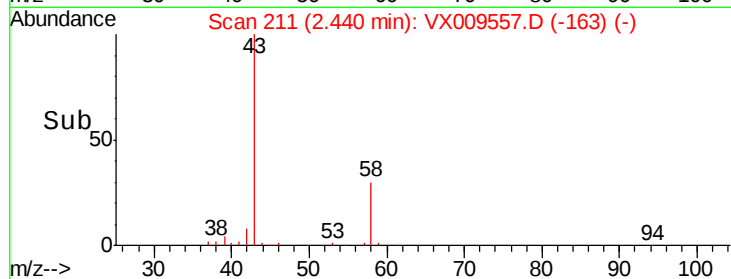
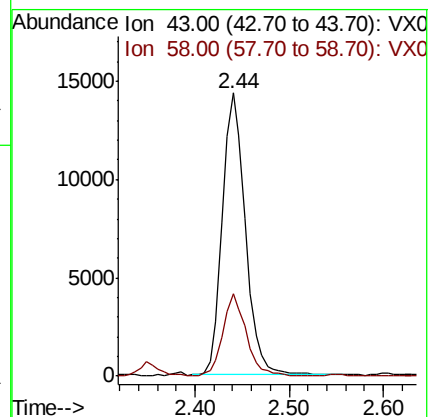
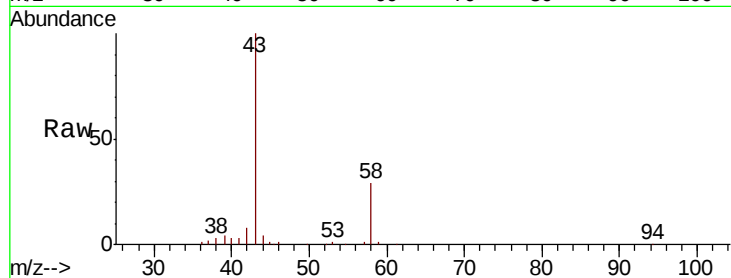
PB119701TB

Tot Ion: 43 Resp: 24342

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3



#18

Methyl Acetate

Concen: 0.487 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009557.D

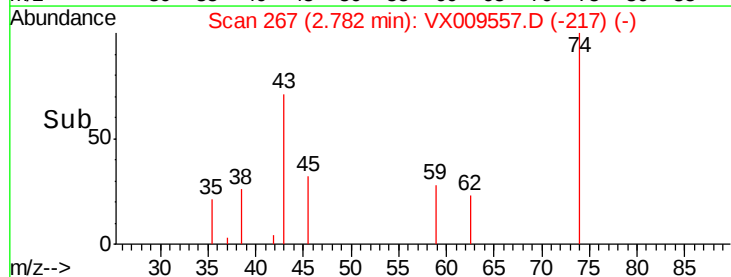
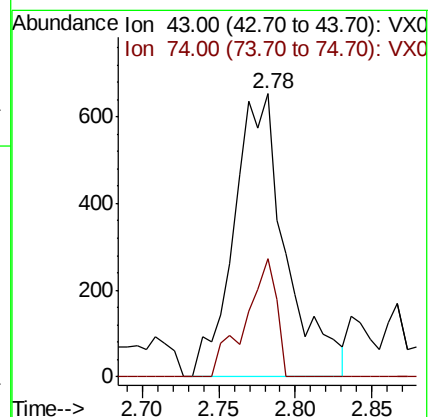
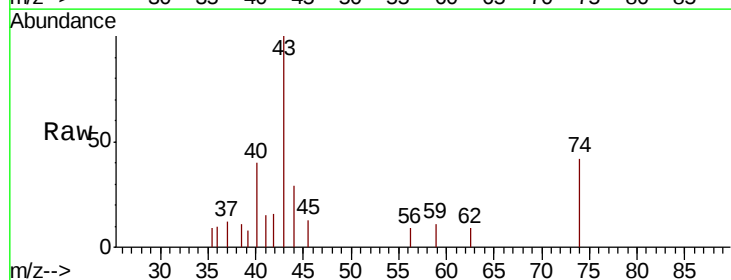
Acq: 14 May 2019 12:40

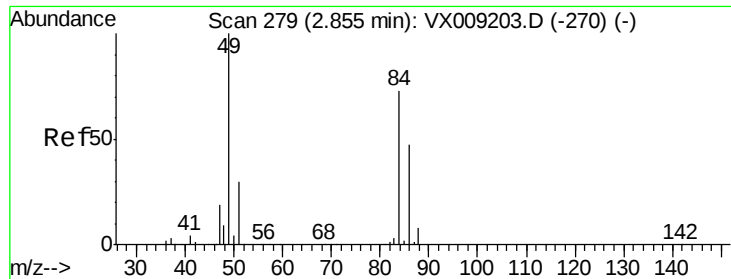
Tgt Ion: 43 Resp: 1548

Ion Ratio Lower Upper

43 100

74 24.9 16.2 24.4#

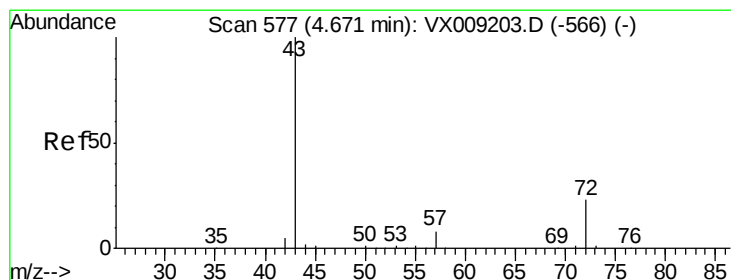
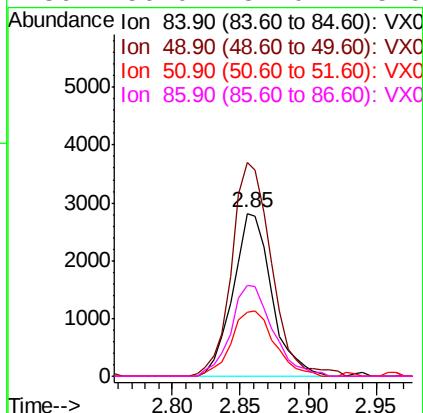
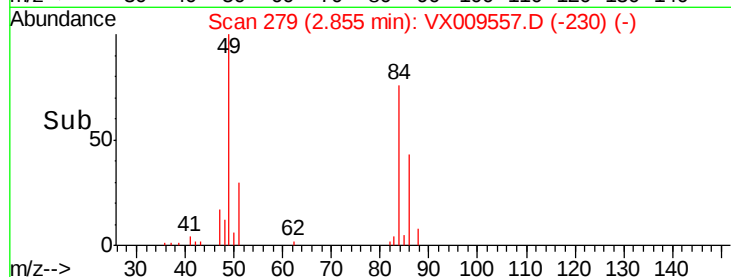
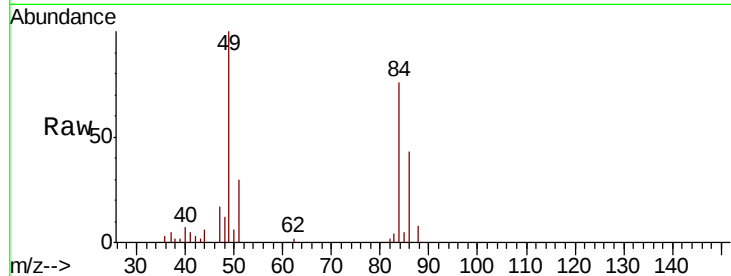




#20
Methvlene Chloride
Concen: 2.591 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

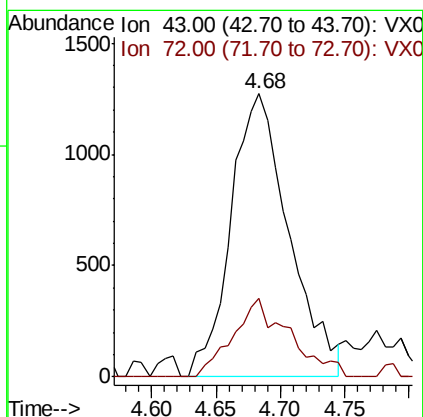
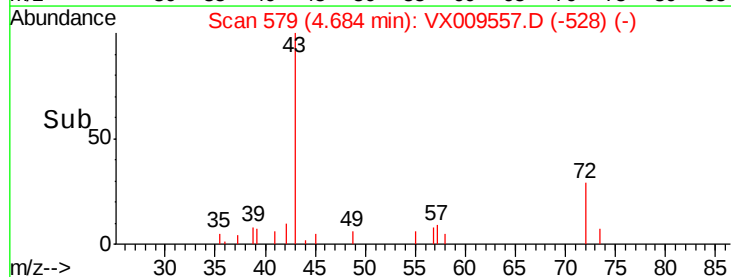
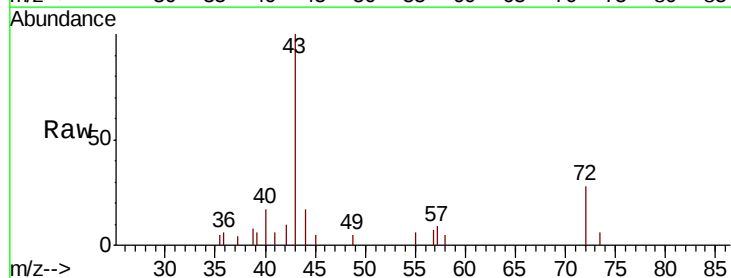
Instrument :
MSVOA_X
ClientSampled :
PB119701TB

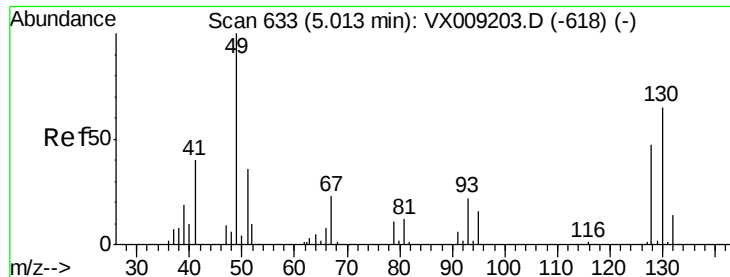
Tot Ion: 84 Resp: 5609
Ion Ratio Lower Upper
84 100
49 131.2 109.9 164.9
51 39.7 32.7 49.1
86 56.0 52.0 78.0



#25
2-Butanone
Concen: 1.917 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

Tgt Ion: 43 Resp: 3984
Ion Ratio Lower Upper
43 100
72 27.6 18.2 27.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

Delta R.T. 0.02 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

PB119701TB

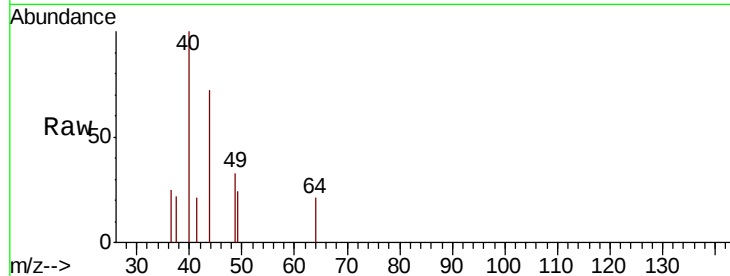
Tot Ion: 49 Resp: 160

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

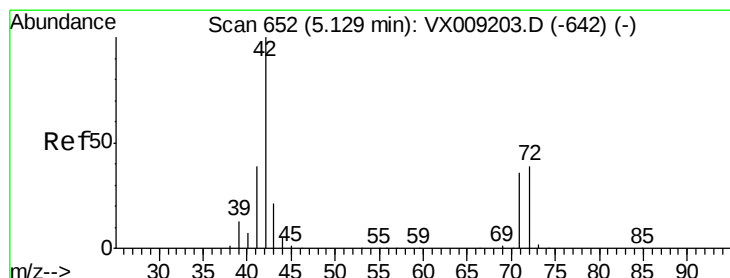
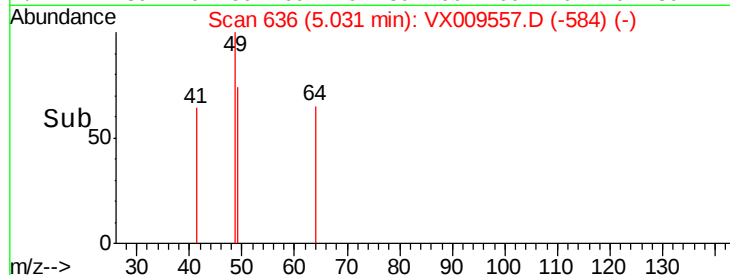
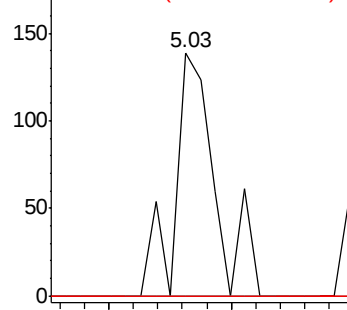
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.047 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

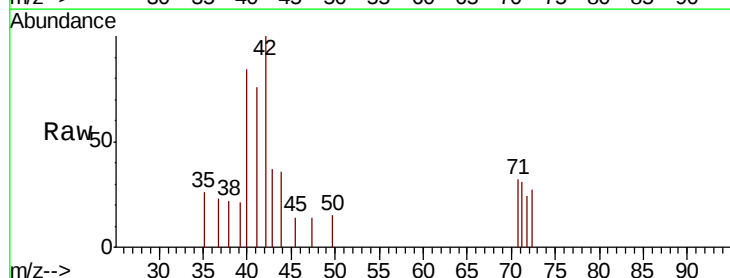
Tgt Ion: 42 Resp: 1400

Ion Ratio Lower Upper

42 100

72 34.4 30.4 45.6

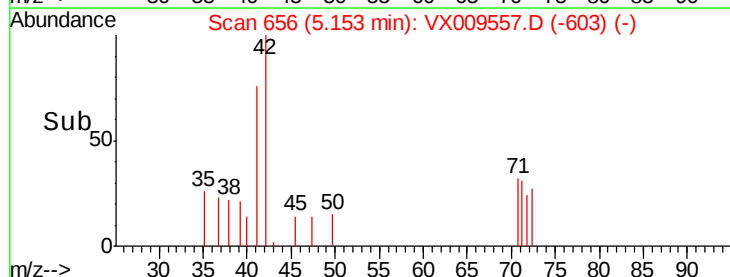
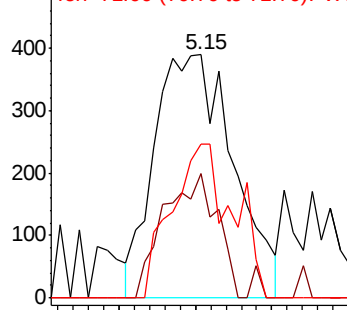
71 49.0 28.6 43.0#

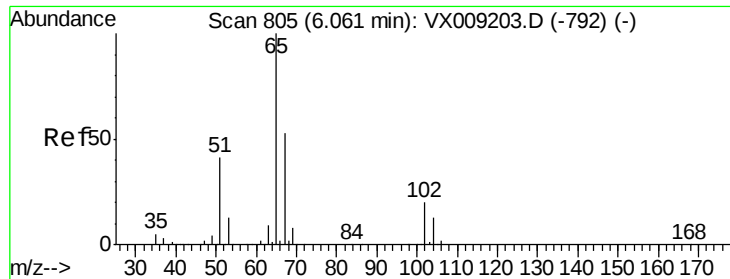


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.985 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

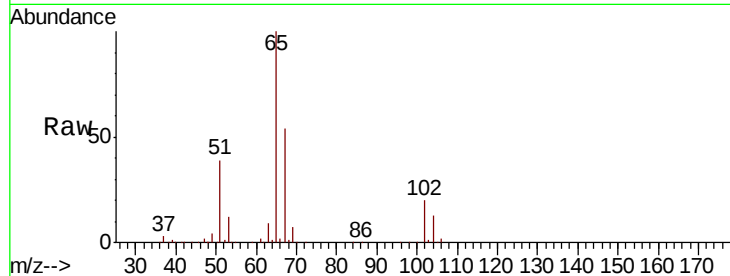
PB119701TB

Tot Ion: 65 Resp: 119494

Ion Ratio Lower Upper

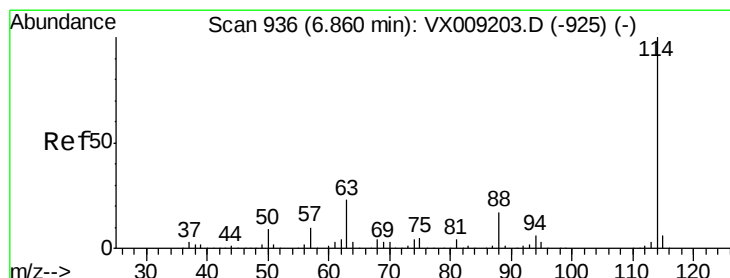
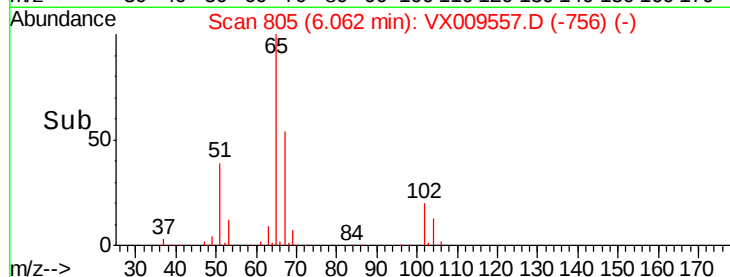
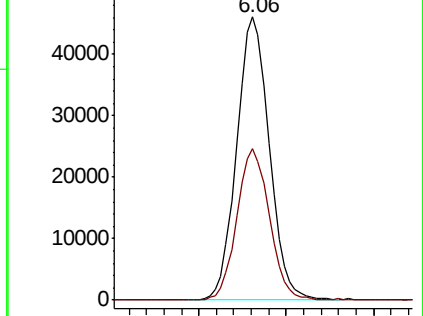
65 100

67 53.5 0.0 106.6



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: VX009557.D

Acq: 14 May 2019 12:40

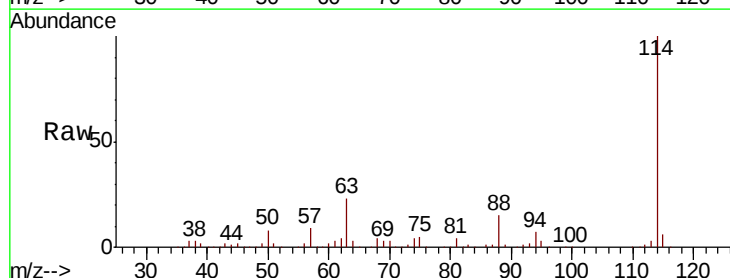
Tgt Ion: 114 Resp: 289956

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

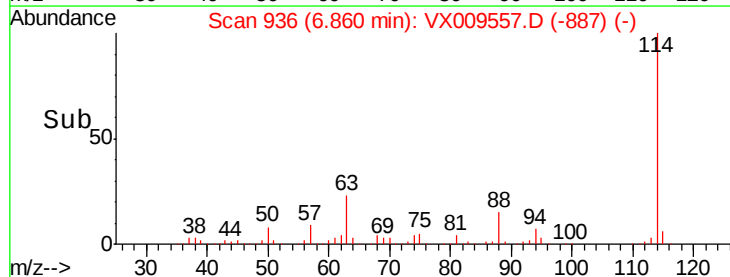
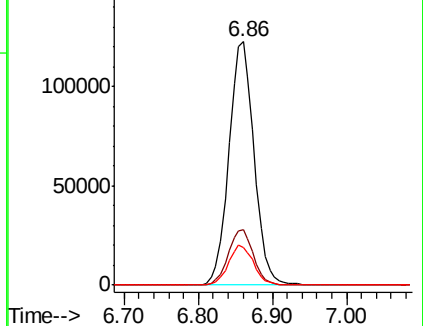
88 15.3 0.0 33.2

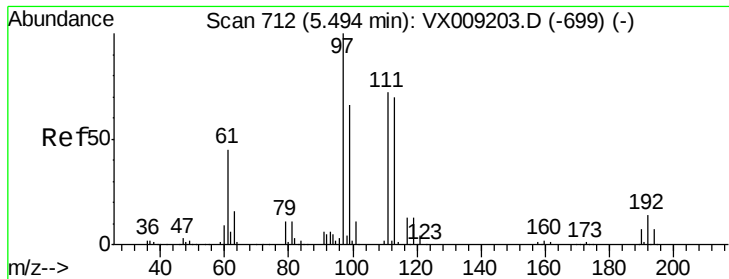


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

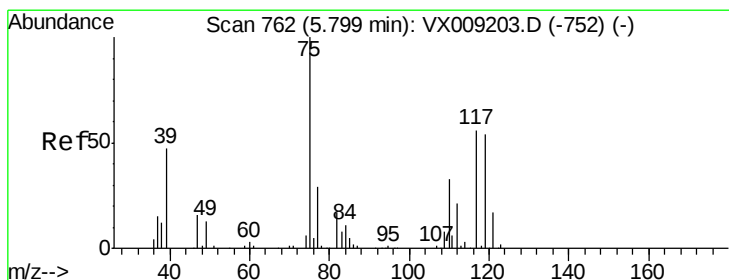
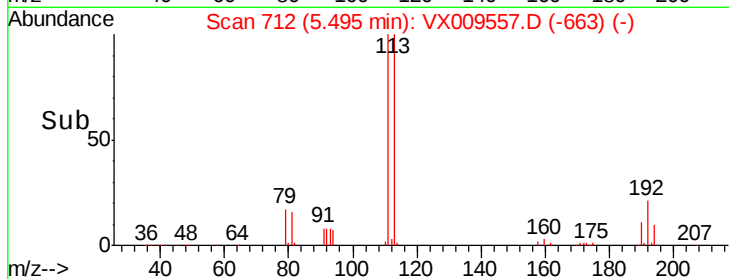
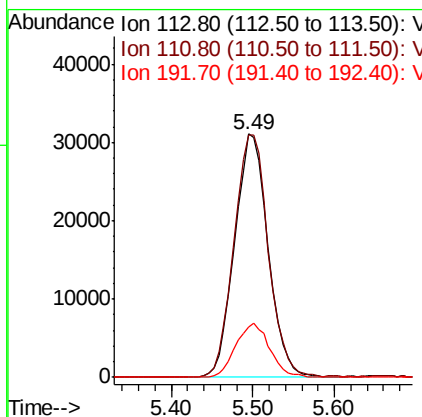
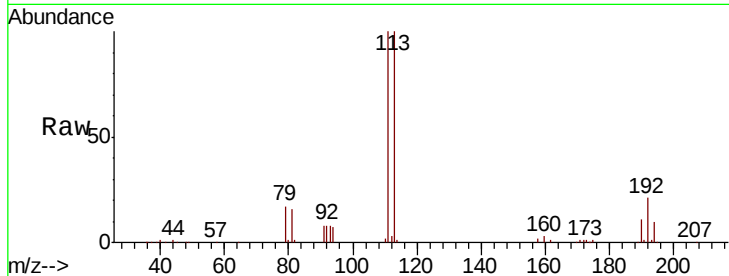




#35
 Dibromofluoromethane
 Concen: 48.483 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009557.D
 Acq: 14 May 2019 12:40

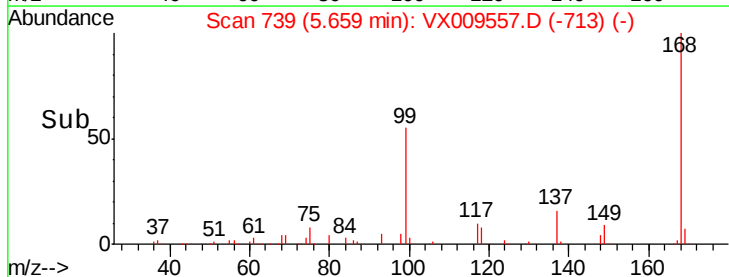
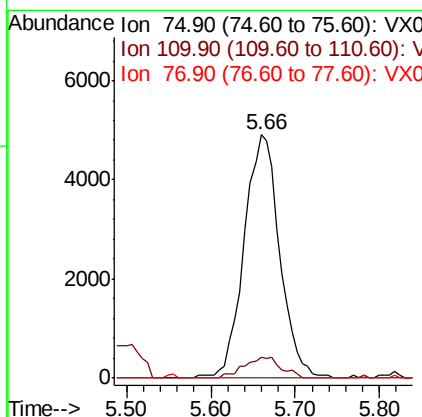
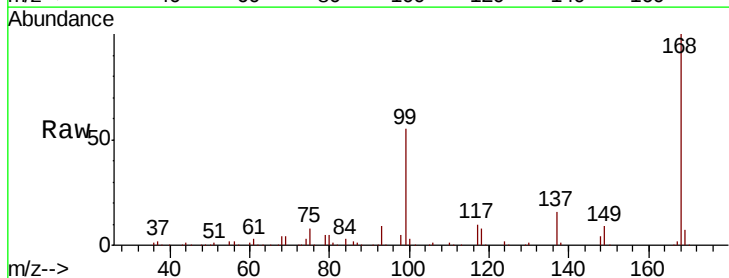
Instrument :
 MSVOA_X
 ClientSampleId :
 PB119701TB

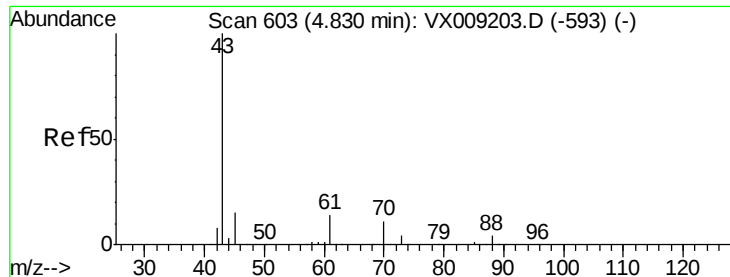
Tot Ion:113 Resp: 88373
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 22.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.225 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009557.D
 Acq: 14 May 2019 12:40

Tgt Ion: 75 Resp: 14078
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.9 50.6#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.210 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.03 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampled :

PB119701TB

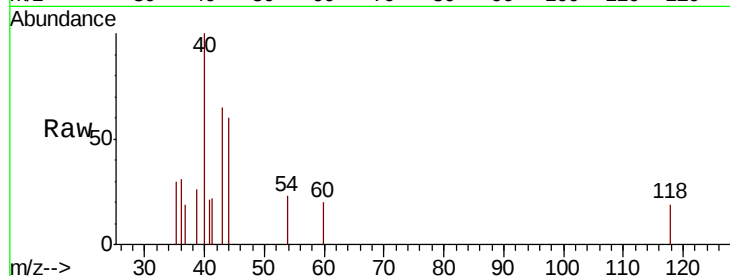
Tot Ion: 43 Resp: 787

Ion Ratio Lower Upper

43 100

61 2.4 10.5 15.7#

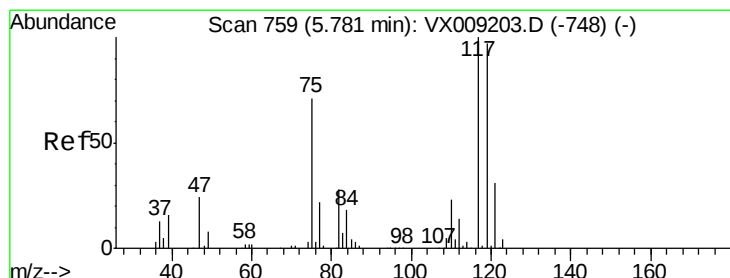
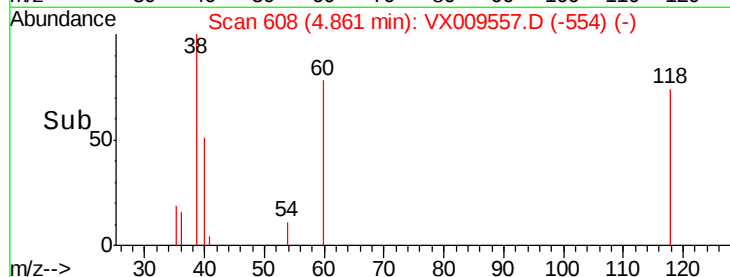
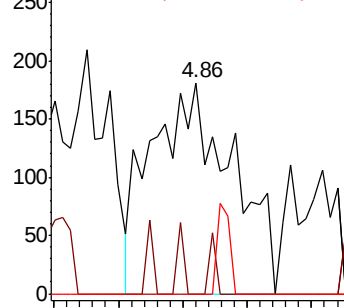
70 6.7 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.858 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

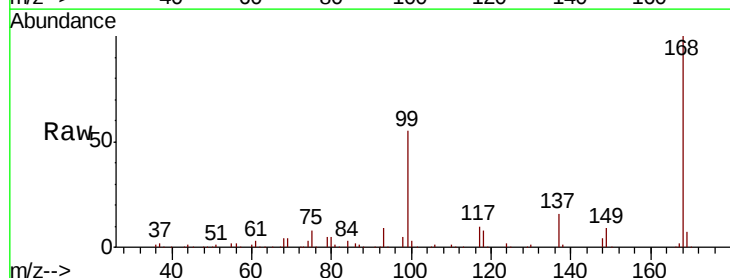
Tgt Ion: 117 Resp: 16791

Ion Ratio Lower Upper

117 100

119 4.1 77.5 116.3#

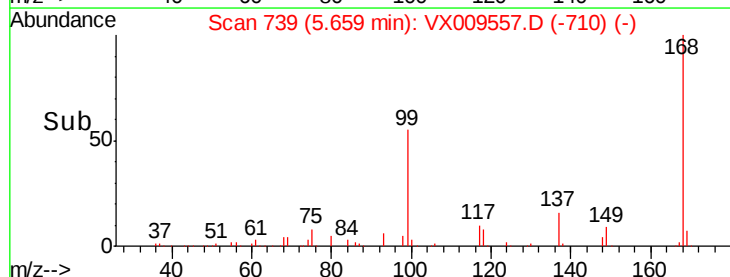
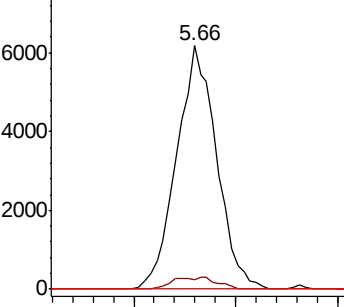
121 0.0 24.7 37.1#

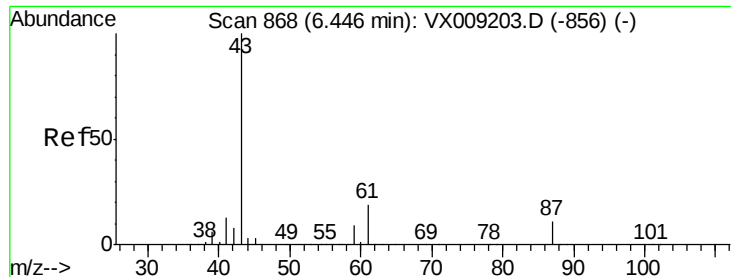


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.332 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

PB119701TB

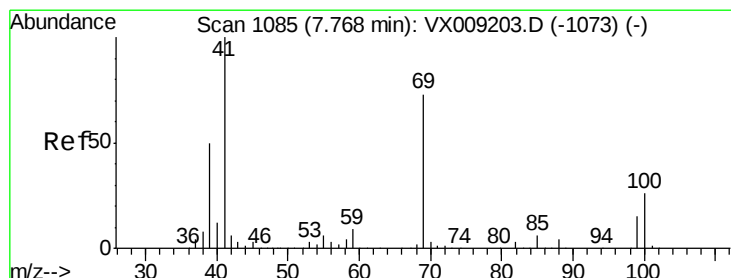
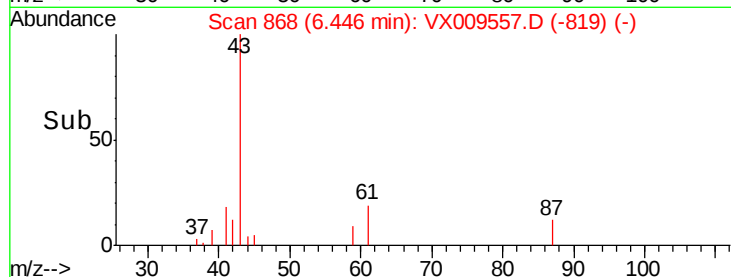
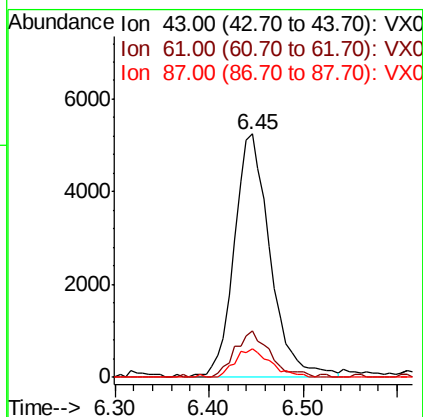
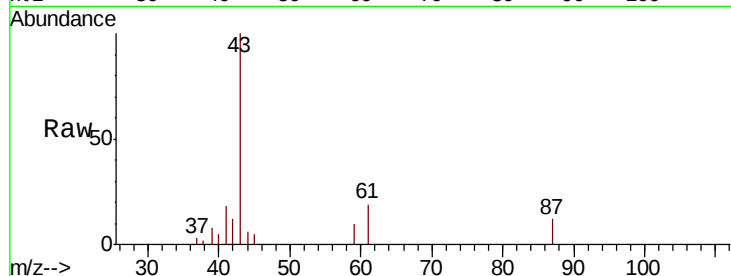
Tot Ion: 43 Resp: 14005

Ion Ratio Lower Upper

43 100

61 18.4 15.1 22.7

87 11.5 9.0 13.6



#48

Methyl methacrylate

Concen: 2.628 ug/l

RT: 7.67 min Scan# 1069

Delta R.T. -0.10 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

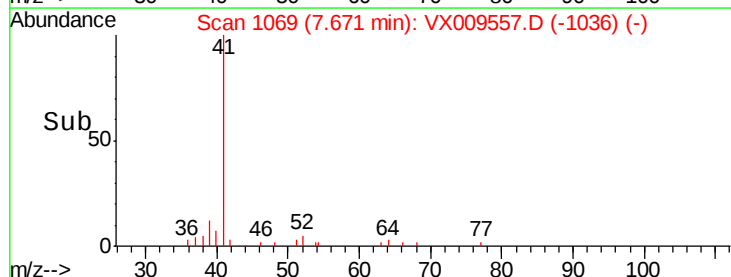
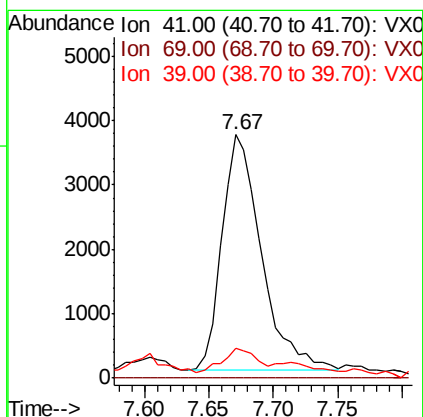
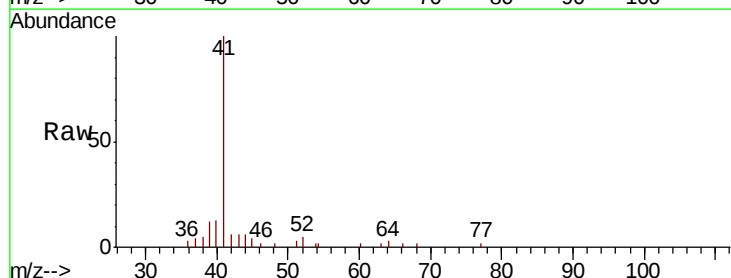
Tgt Ion: 41 Resp: 7829

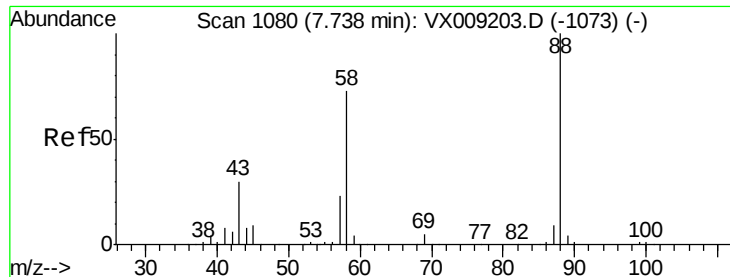
Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

39 0.0 40.4 60.6#





#49

1,4-Dioxane

Concen: 2.946 ug/l

RT: 7.86 min Scan# 1100

Delta R.T. 0.12 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

PB119701TB

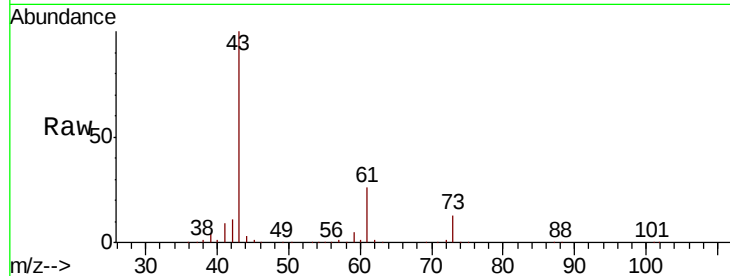
Tot Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

43 777643.3 28.6 42.8#

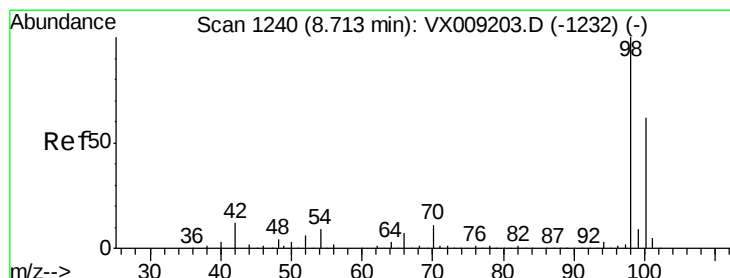
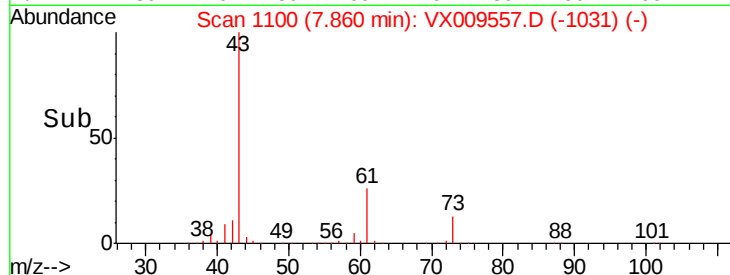
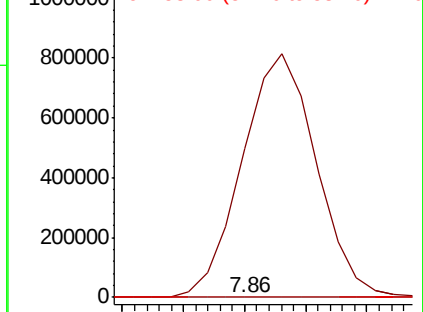
58 3055.1 61.7 92.5#



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: 49.502 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009557.D

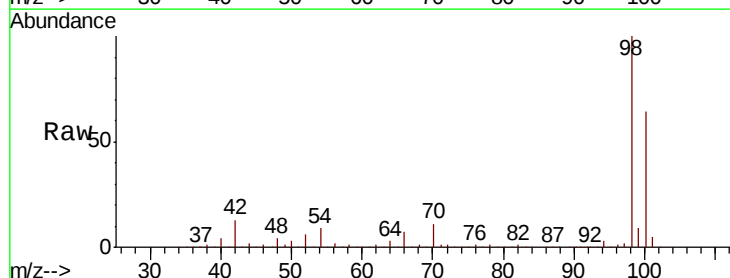
Acq: 14 May 2019 12:40

Tgt Ion: 98 Resp: 364285

Ion Ratio Lower Upper

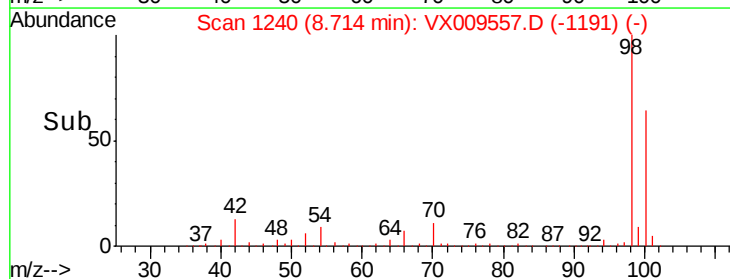
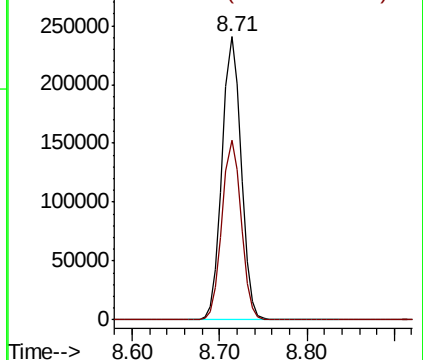
98 100

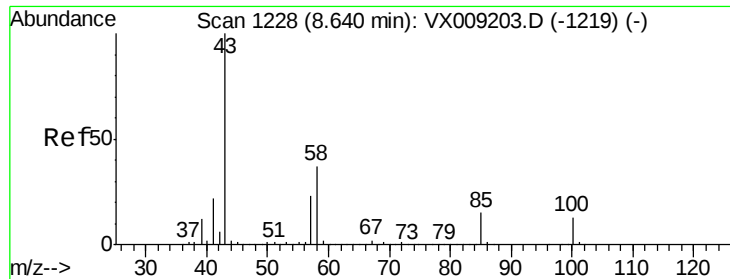
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 25.864 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

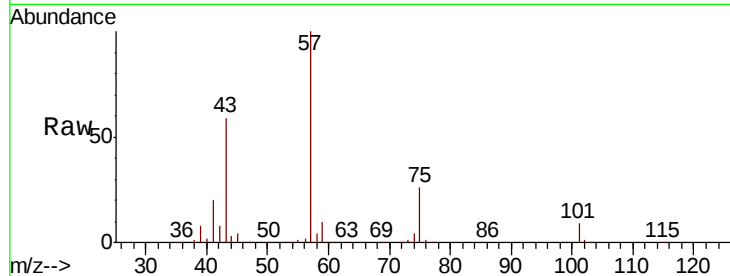
PB119701TB

Tot Ion: 43 Resp: 101521

Ion Ratio Lower Upper

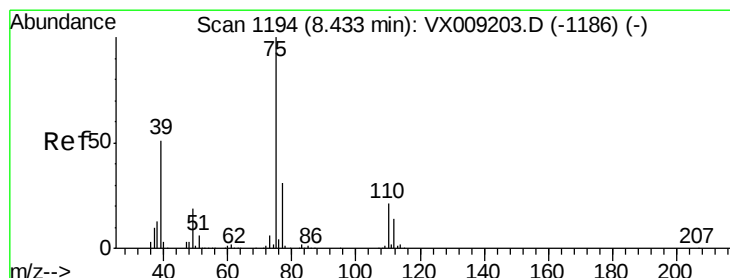
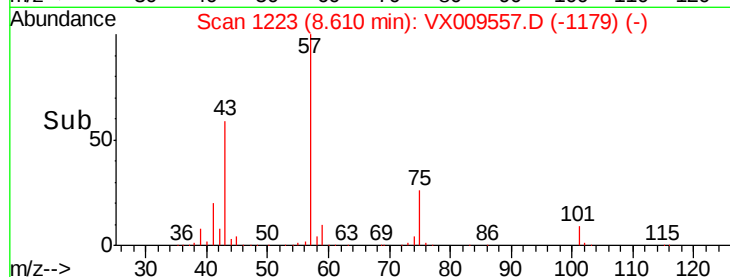
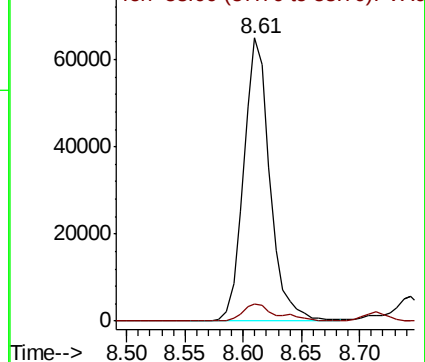
43 100

58 8.0 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 12.640 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

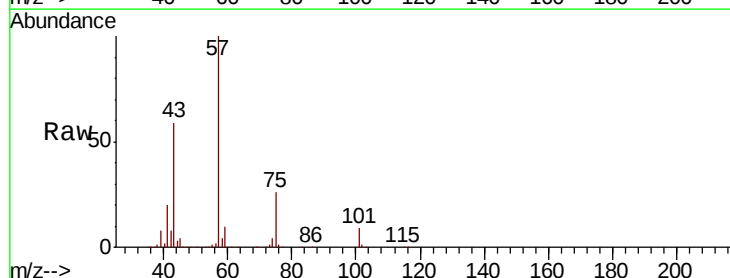
Tgt Ion: 75 Resp: 43205

Ion Ratio Lower Upper

75 100

77 0.6 24.6 36.8#

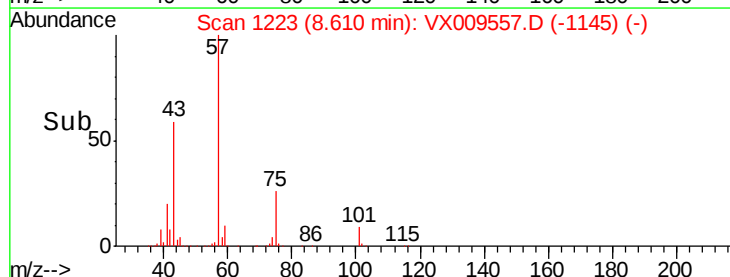
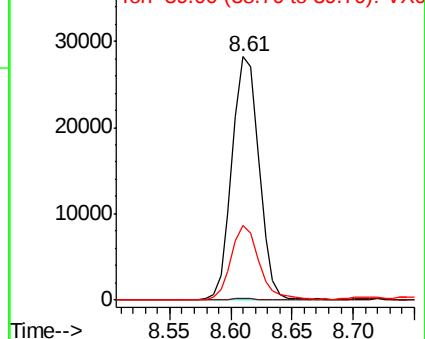
39 30.1 40.6 60.8#

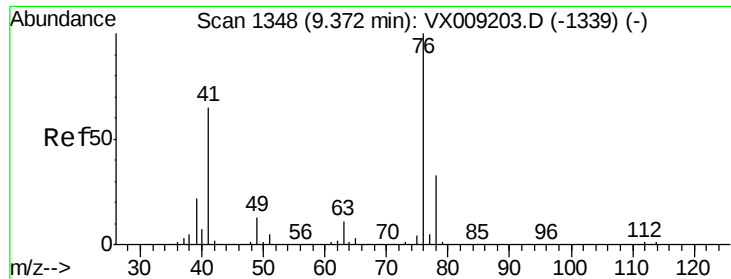


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.794 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.16 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

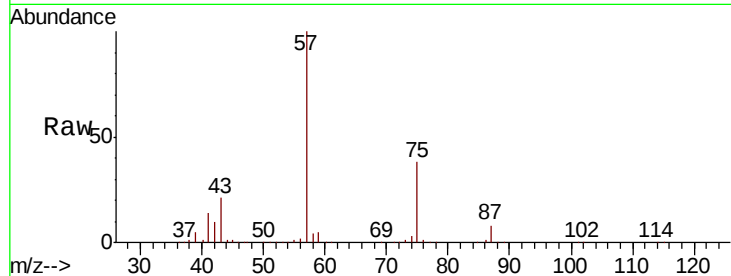
PB119701TB

Tot Ion: 76 Resp: 10169

Ion Ratio Lower Upper

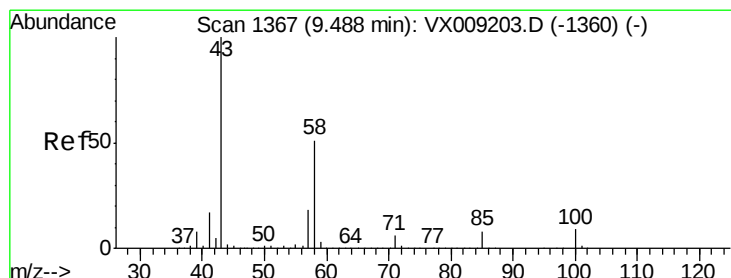
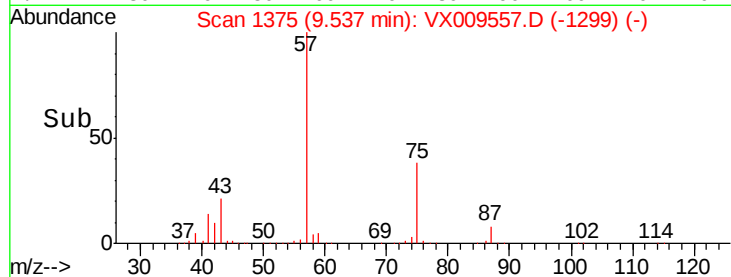
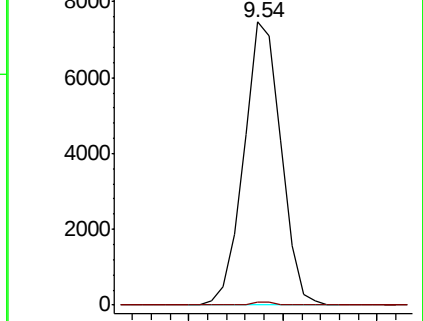
76 100

78 0.5 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 53.045 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.05 min

Lab File: VX009557.D

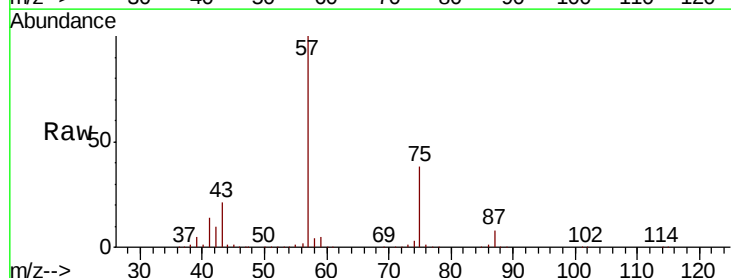
Acq: 14 May 2019 12:40

Tgt Ion: 43 Resp: 163529

Ion Ratio Lower Upper

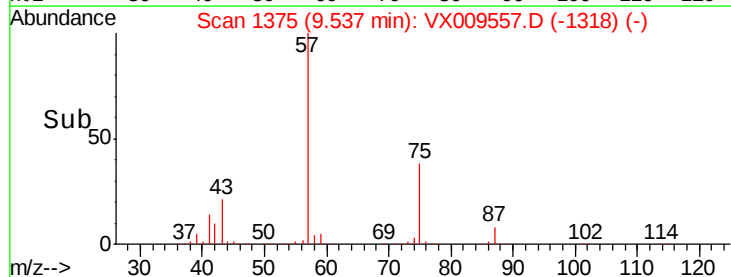
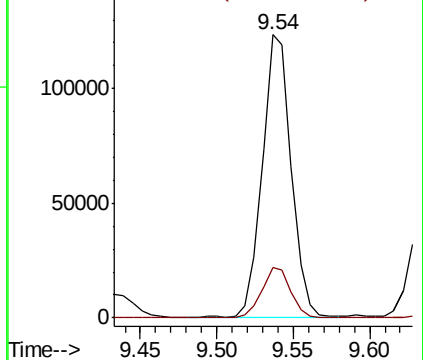
43 100

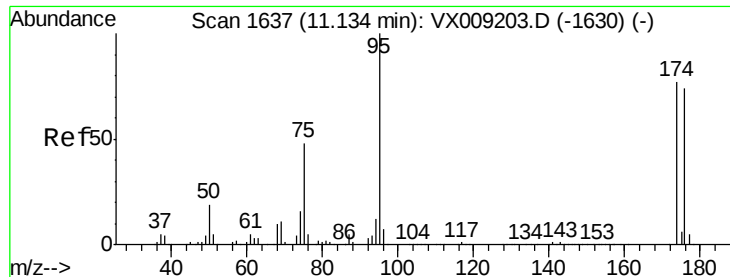
58 17.7 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.569 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

PB119701TB

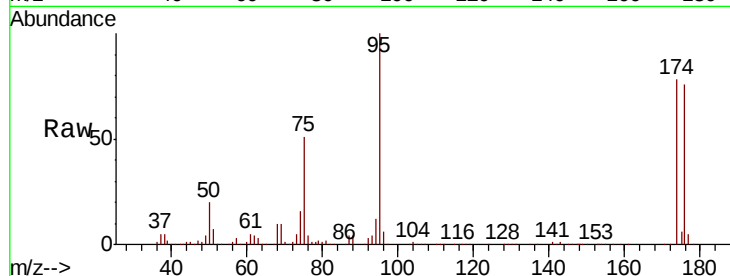
Tot Ion: 95 Resp: 116504

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

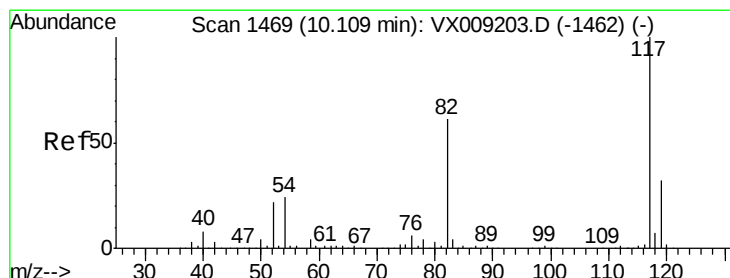
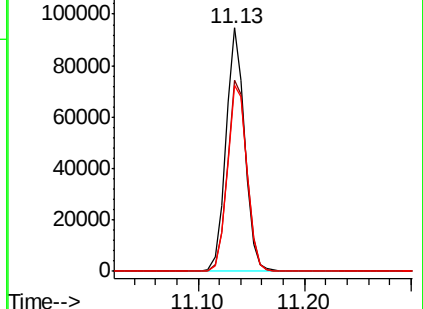
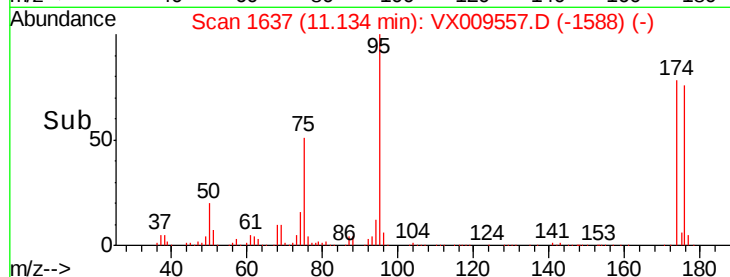
176 80.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009557.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009557.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009557.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

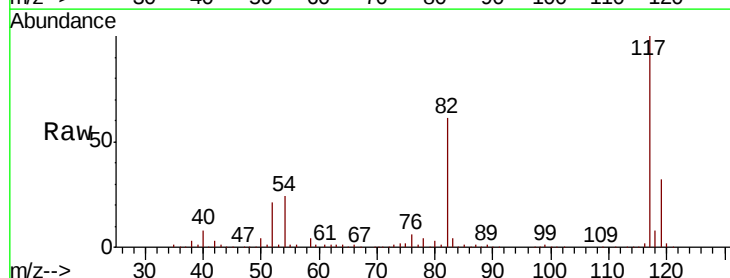
Tgt Ion: 117 Resp: 250683

Ion Ratio Lower Upper

117 100

82 60.7 48.8 73.2

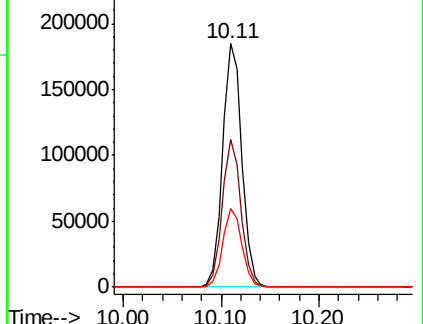
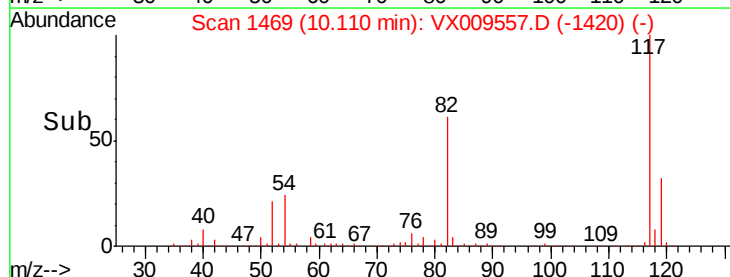
119 32.1 25.8 38.6

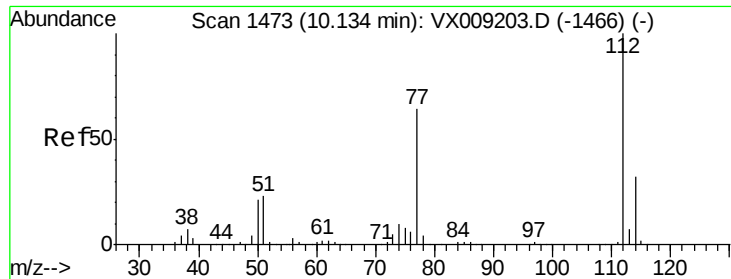


Abundance Ion 116.90 (116.60 to 117.60): VX009557.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009557.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009557.D (-1420) (-)

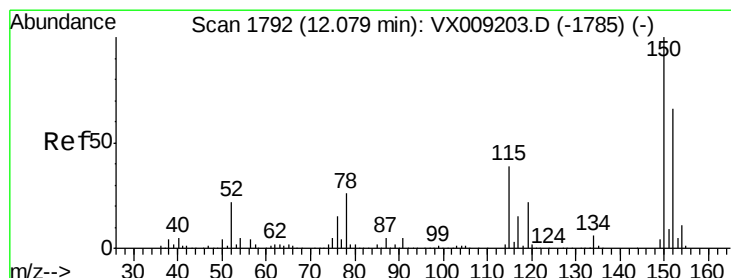
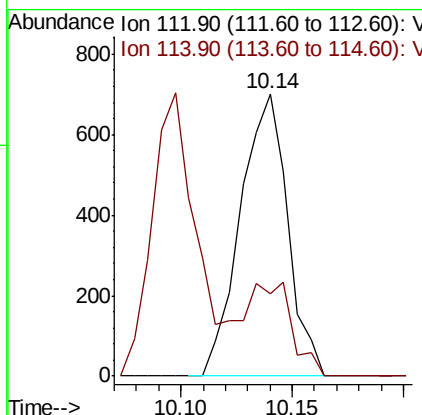
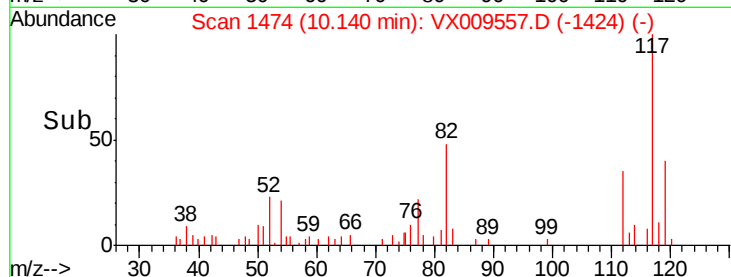
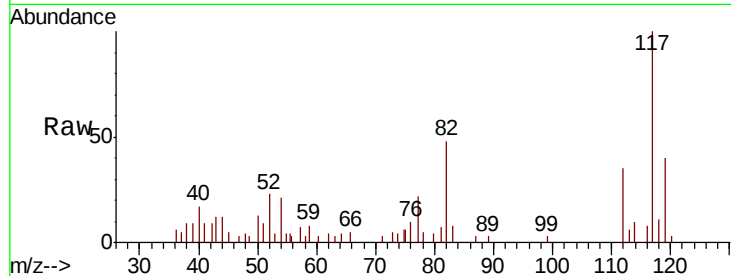




#65
Chlorobenzene
Concen: 0.207 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

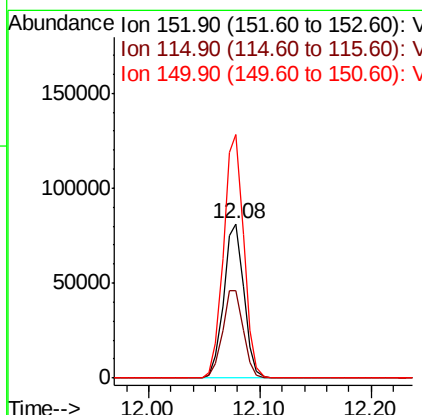
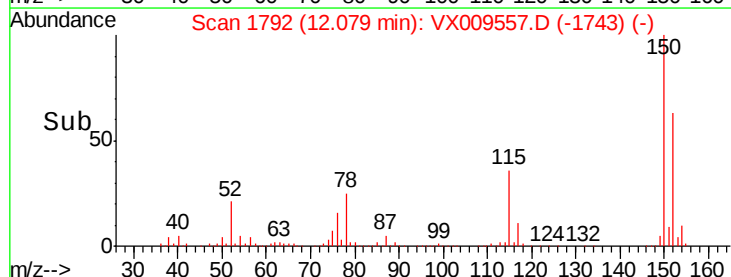
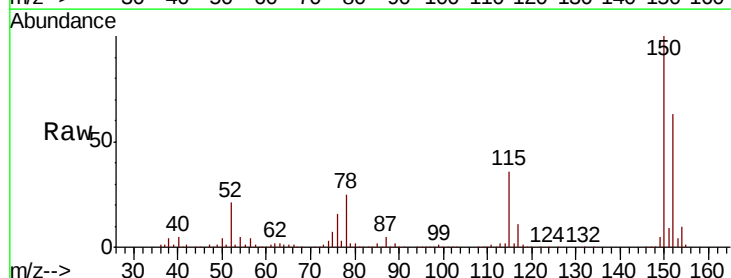
Instrument :
MSVOA_X
ClientSampleId :
PB119701TB

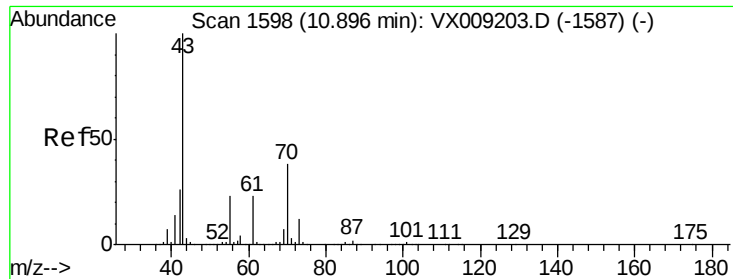
Tot Ion:112 Resp: 1038
Ion Ratio Lower Upper
112 100
114 29.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

Tgt Ion:152 Resp: 101662
Ion Ratio Lower Upper
152 100
115 58.7 41.2 123.6
150 158.1 0.0 346.4





#74

N-amvl acetate

Concen: 3.872 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

PB119701TB

Tot Ion: 43 Resp: 16688

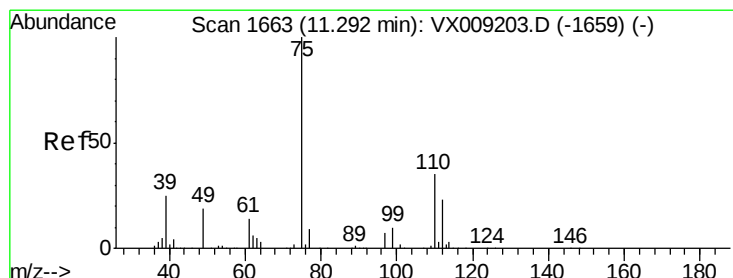
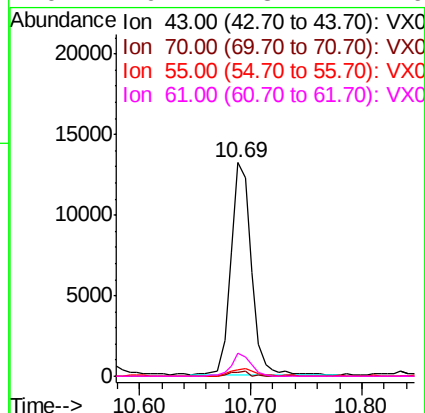
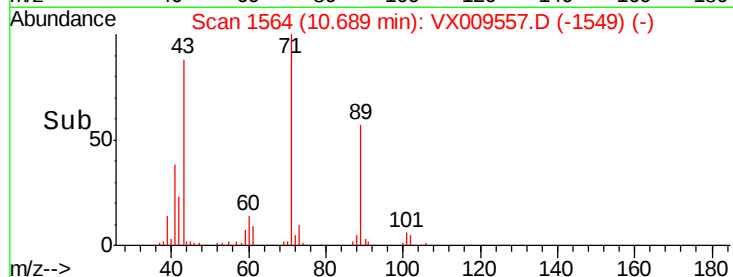
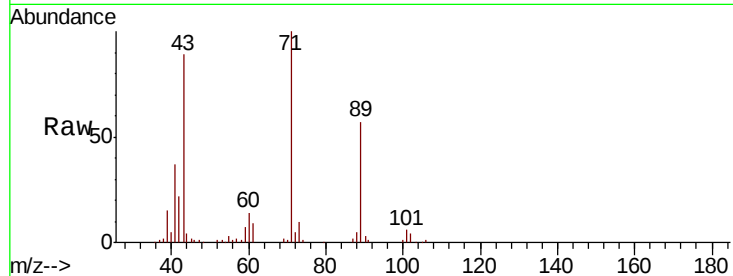
Ion Ratio Lower Upper

43 100

70 2.0 30.0 45.0#

55 4.5 17.9 26.9#

61 10.4 18.4 27.6#



#76

1,2,3-Trichloropropane

Concen: 24.964 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009557.D

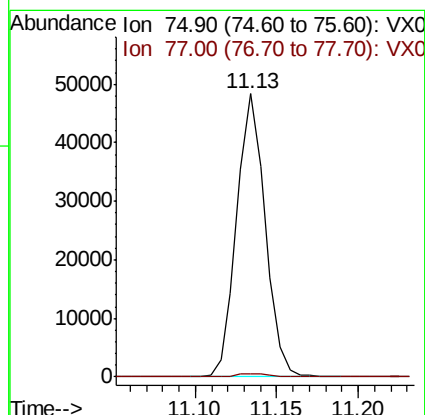
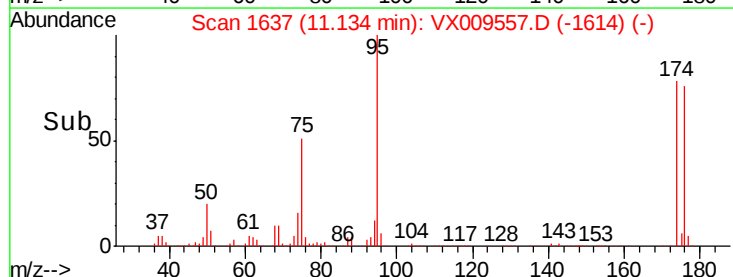
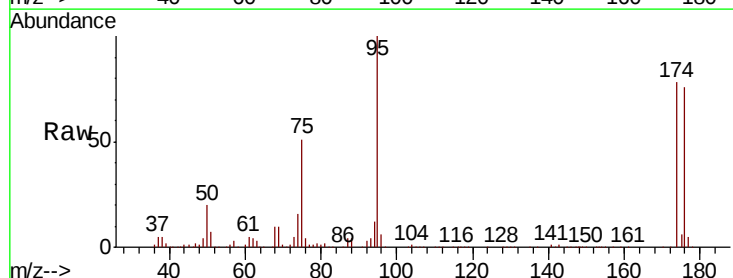
Acq: 14 May 2019 12:40

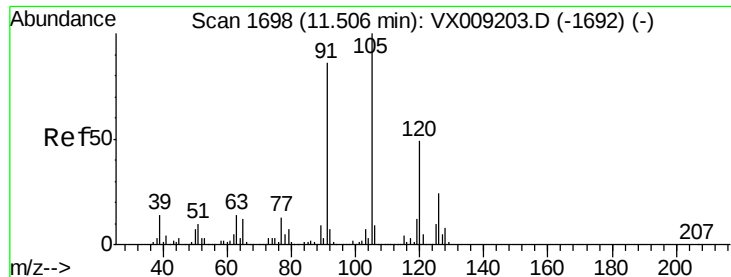
Tgt Ion: 75 Resp: 58869

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#

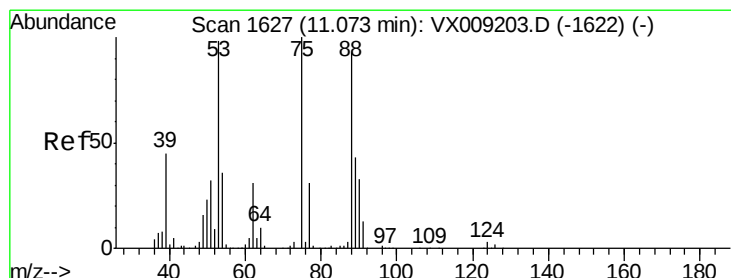
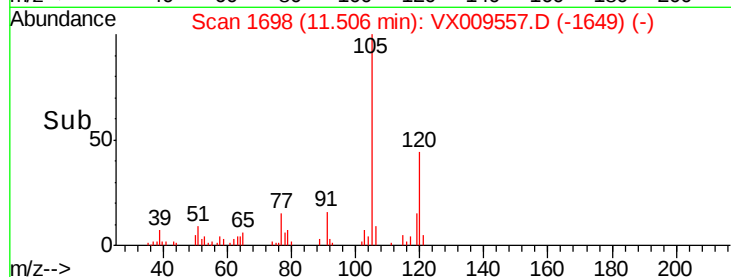
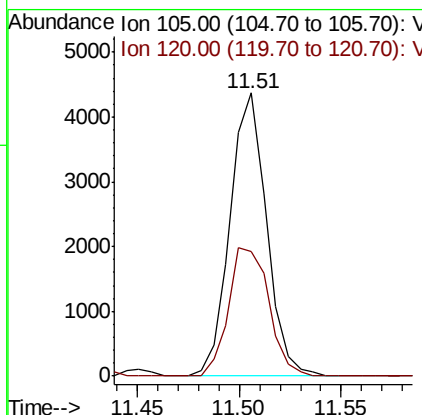
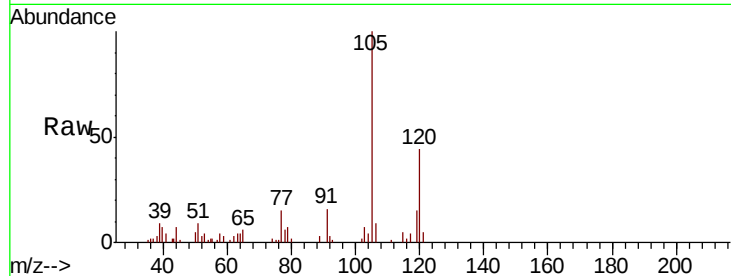




#80
 1,3,5-Trimethylbenzene
 Concen: 0.866 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009557.D
 Acq: 14 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampled :
 PB119701TB

Tot Ion:105 Resp: 5393
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.873 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009557.D
 Acq: 14 May 2019 12:40

Tgt Ion: 75 Resp: 58869
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.0 118.6#
 89 0.0 34.7 52.1#

