

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009597.D
 Acq On : 16 May 2019 11:17
 Operator : JC/SP
 Sample : VX0516MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:03:30 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	183604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105880	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	123557	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	90693	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	369295	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	120290	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	

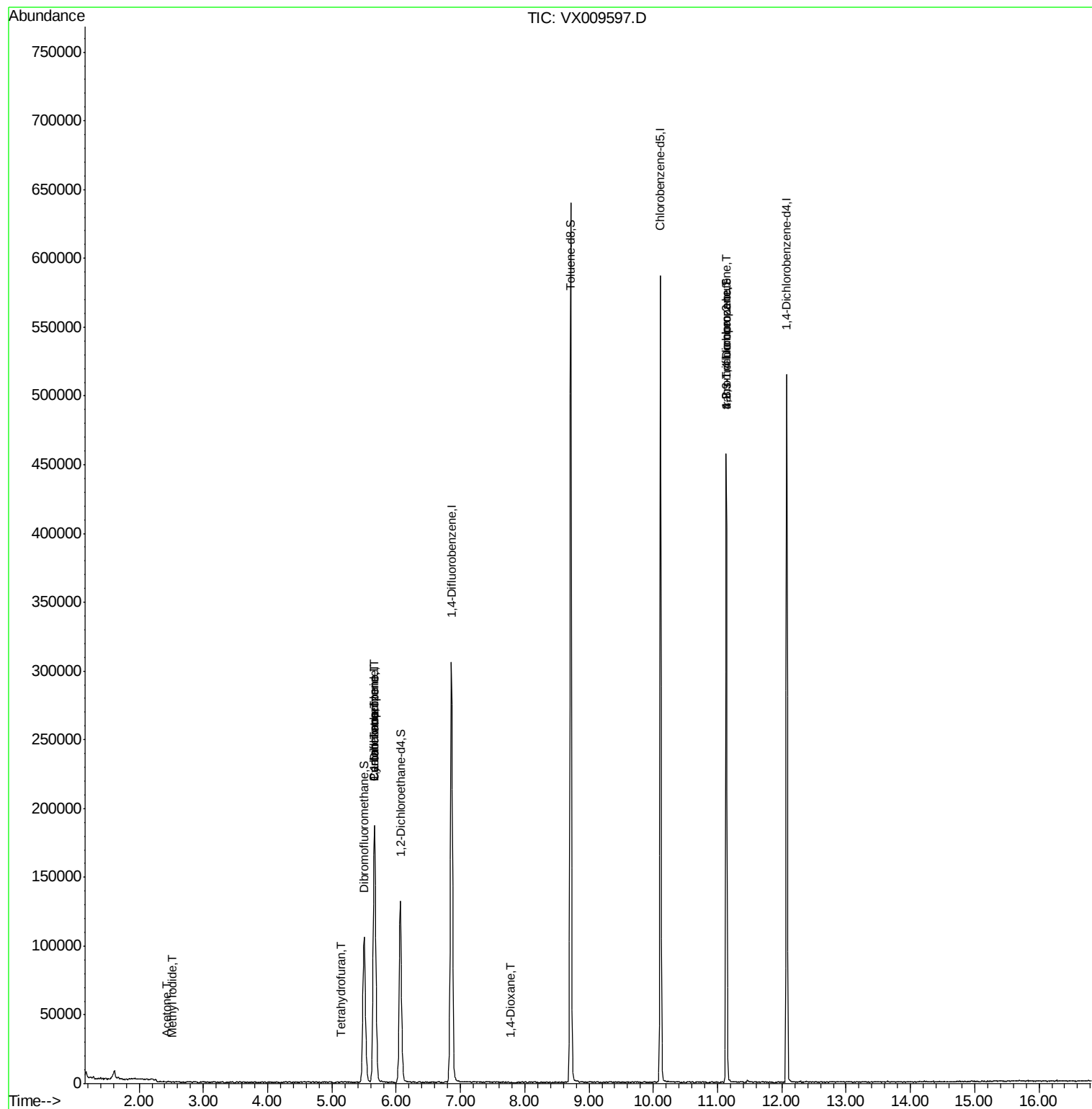
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	23	4.604	ug/l #	42
16) Acetone	2.44	43	461	0.343	ug/l #	44
28) Bromochloromethane	4.96	49	86	Below Cal	#	20
29) Tetrahydrofuran	5.14	42	276	0.205	ug/l #	56
31) Cyclohexane	5.67	56	4299	1.160	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14260	5.189	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17335	6.943	ug/l #	15
49) 1,4-Dioxane	7.78	88	19	0.308	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	61126	24.888	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61126	63.680	ug/l #	10

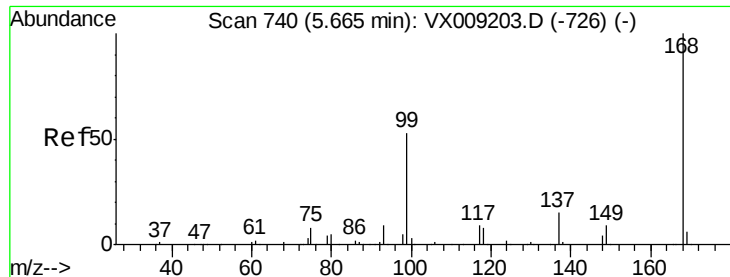
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051619\
Data File : VX009597.D
Acq On : 16 May 2019 11:17
Operator : JC/SP
Sample : VX0516MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 17 02:03:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

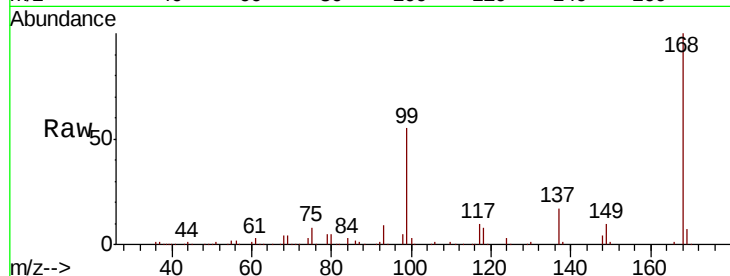
ClientSampleId :

Tot Ion:168 Resp: 183604

Ion Ratio Lower Upper

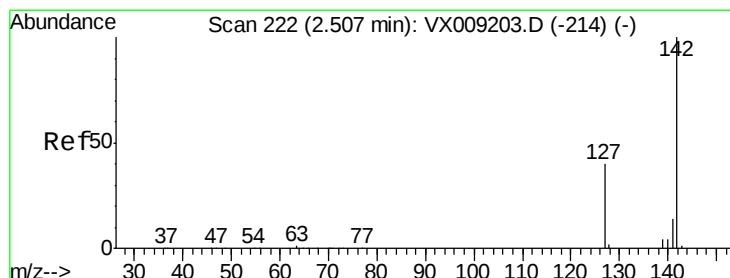
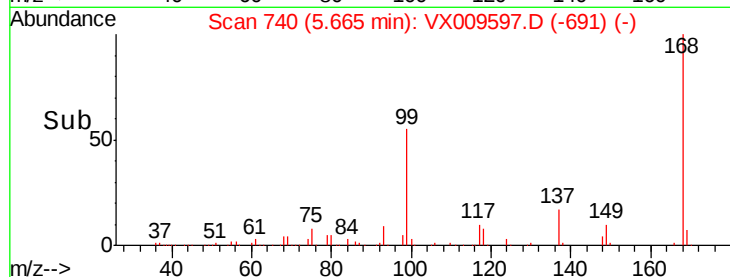
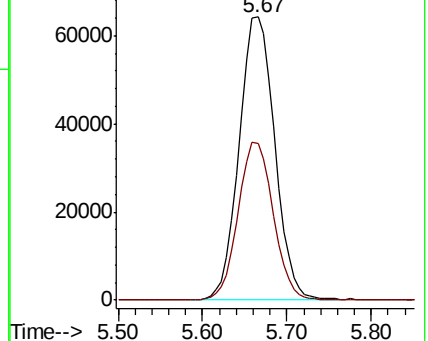
168 100

99 55.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.604 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

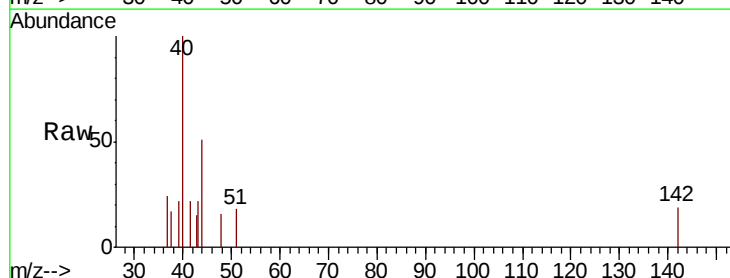
Tgt Ion:142 Resp: 23

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

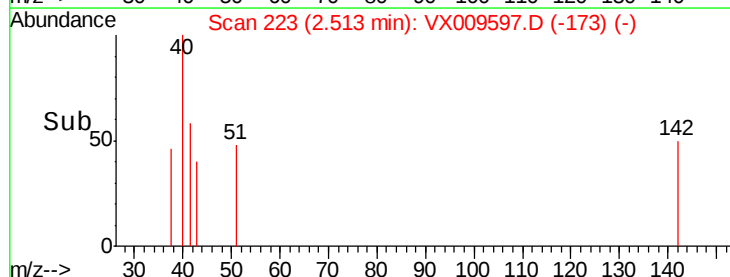
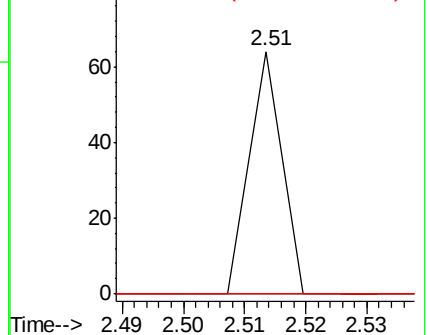
141 0.0 11.5 17.3#

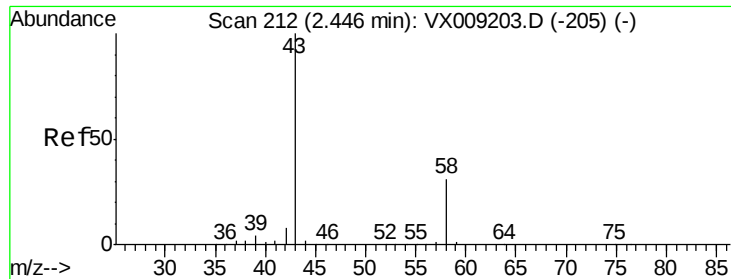


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 0.343 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

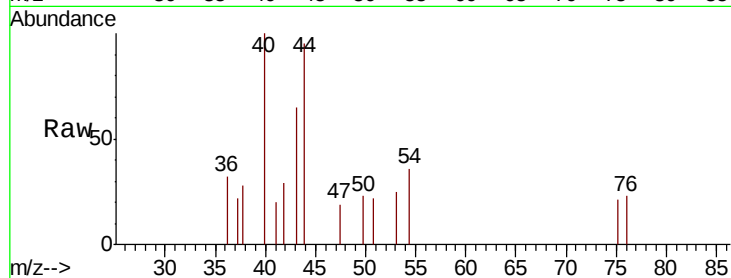
ClientSampled :

Tot Ion: 43 Resp: 461

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2.45

2.46

2.47

2.48

2.49

2.50

2.51

2.52

2.53

2.54

2.55

2.56

2.57

2.58

2.59

2.60

2.61

2.62

2.63

2.64

2.65

2.66

2.67

2.68

2.69

2.70

2.71

2.72

2.73

2.74

2.75

2.76

2.77

2.78

2.79

2.80

2.81

2.82

2.83

2.84

2.85

2.86

2.87

2.88

2.89

2.90

2.91

2.92

2.93

2.94

2.95

2.96

2.97

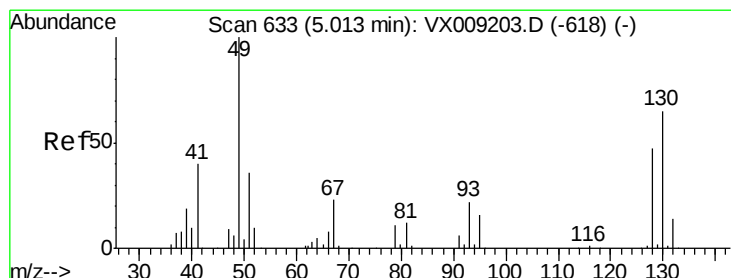
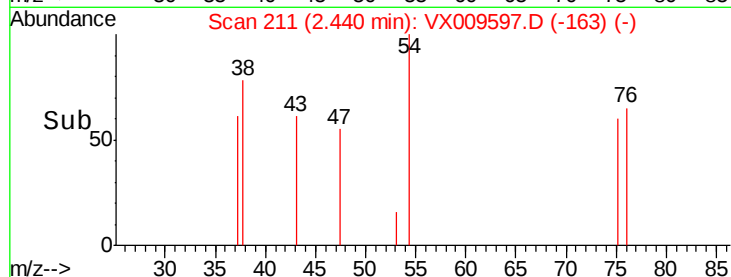
2.98

2.99

3.00

3.01

3.02



#28

Bromochloromethane

Concen: Below Cal

RT: 4.96 min Scan# 625

Delta R.T. -0.05 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

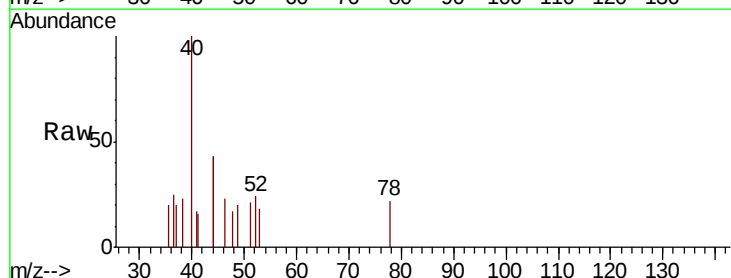
Tgt Ion: 49 Resp: 86

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

4.96

4.97

4.98

4.99

5.00

5.01

5.02

5.03

5.04

5.05

5.06

5.07

5.08

5.09

5.10

5.11

5.12

5.13

5.14

5.15

5.16

5.17

5.18

5.19

5.20

5.21

5.22

5.23

5.24

5.25

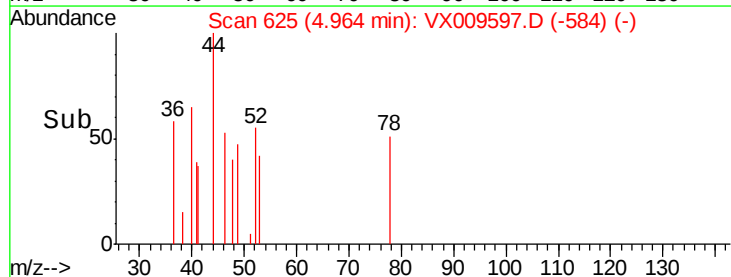
5.26

5.27

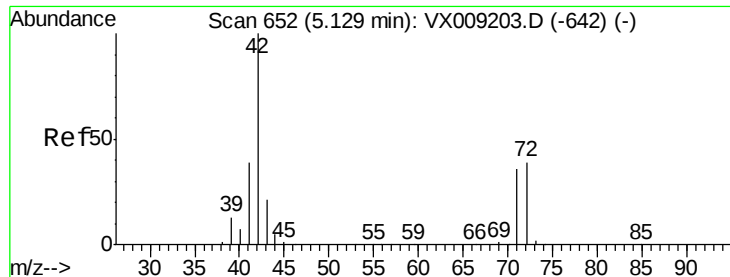
5.28

5.29

5.30



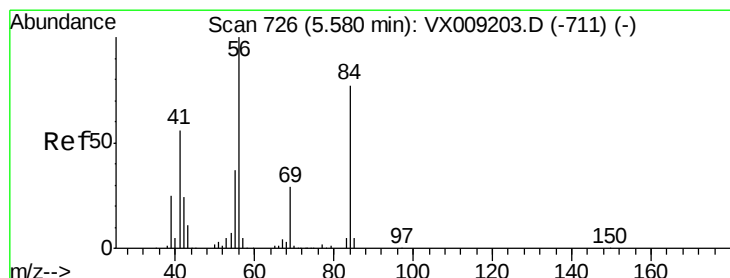
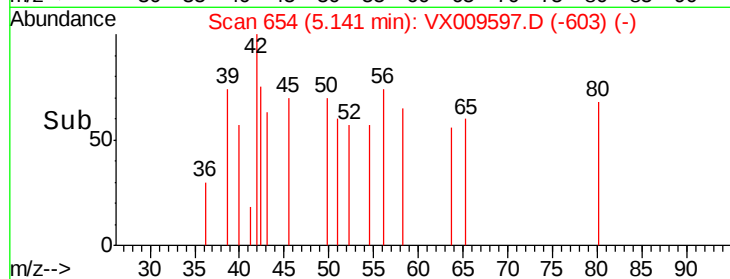
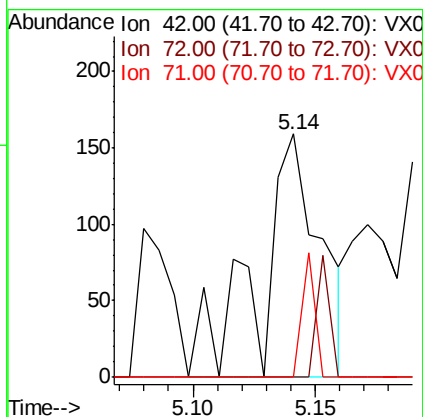
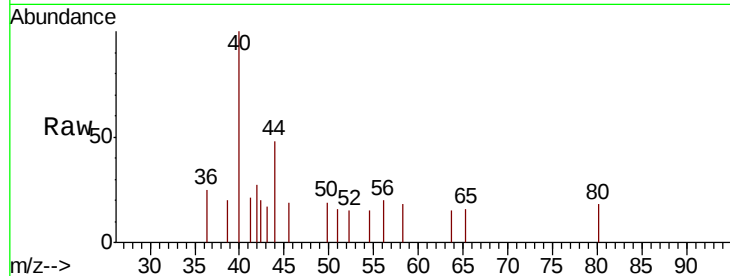
Time-->



#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

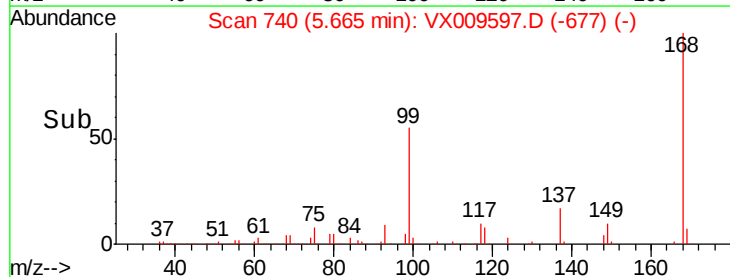
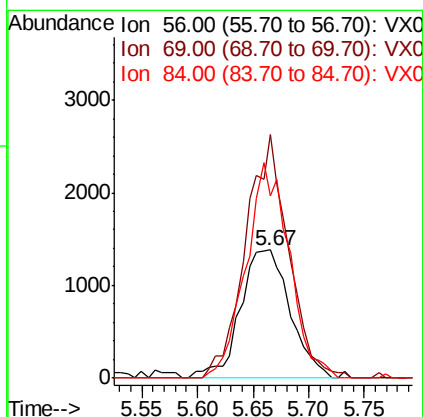
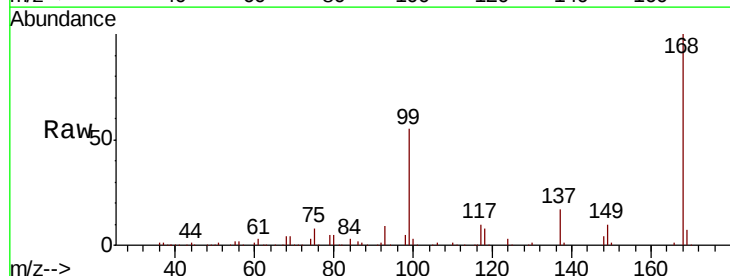
Instrument :
MSVOA_X
ClientSampled :

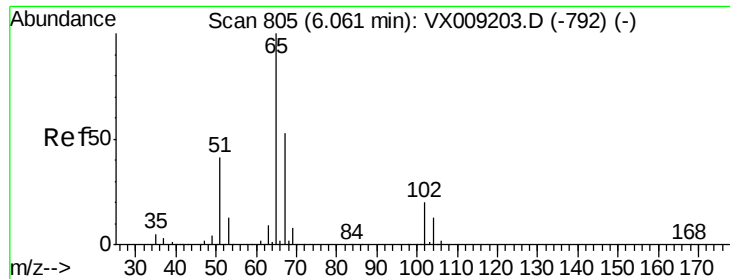
Tot Ion: 42 Resp: 276
Ion Ratio Lower Upper
42 100
72 10.5 30.4 45.6#
71 10.9 28.6 43.0#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

Tgt Ion: 56 Resp: 4299
Ion Ratio Lower Upper
56 100
69 190.2 23.4 35.0#
84 141.9 61.9 92.9#





#33

1,2-Dichloroethane-d4

Concen: 49.296 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

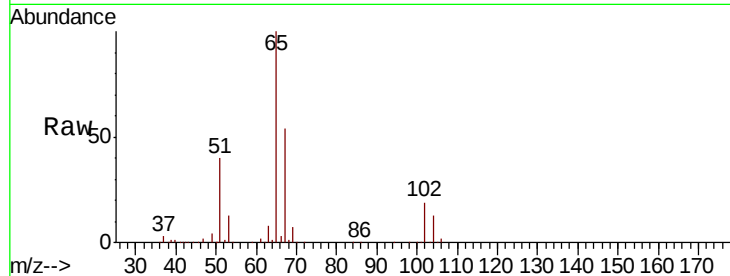
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 123557

Ion Ratio Lower Upper

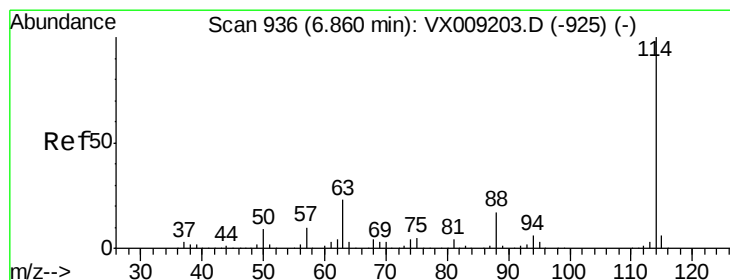
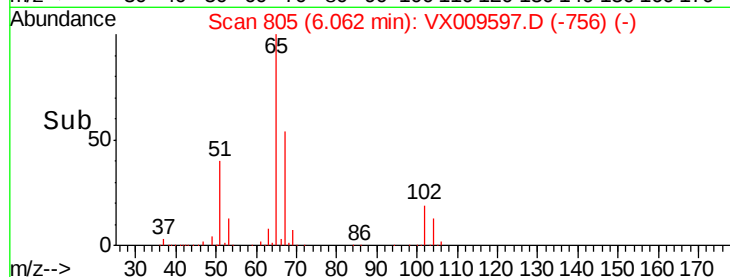
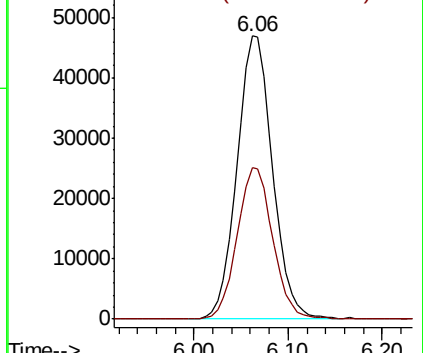
65 100

67 53.9 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: VX009597.D

Acq: 16 May 2019 11:17

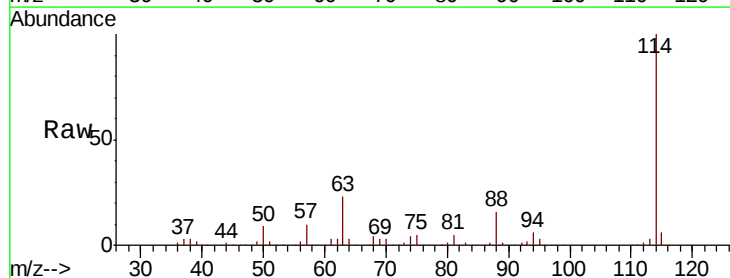
Tgt Ion: 114 Resp: 295709

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

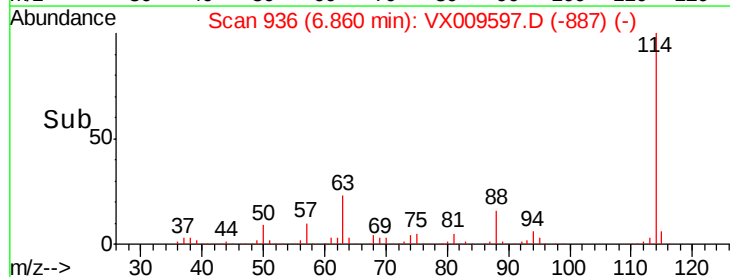
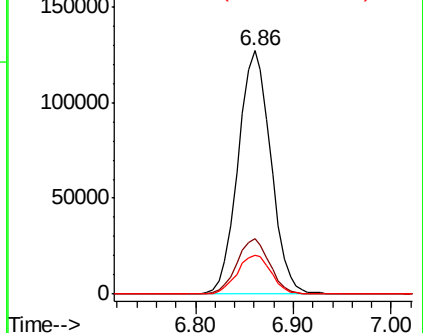
88 16.0 0.0 33.2

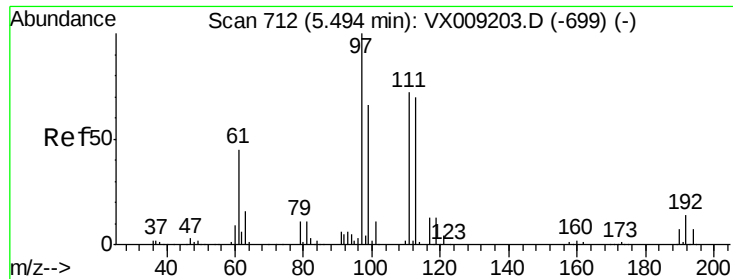


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

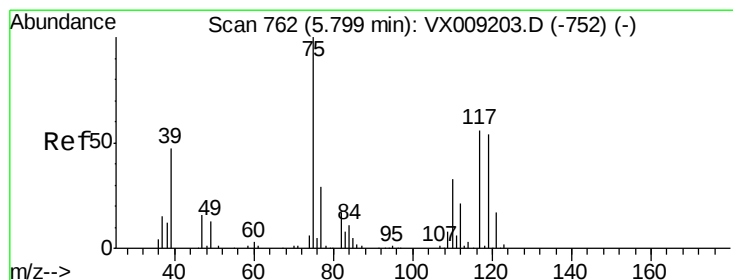
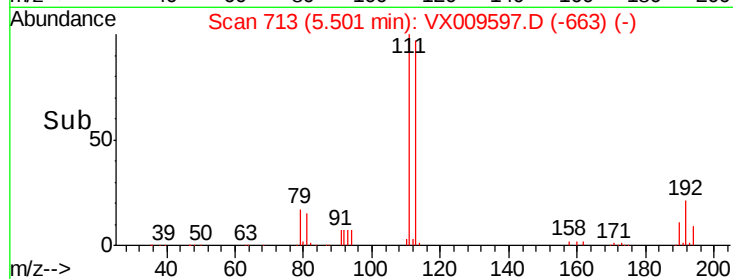
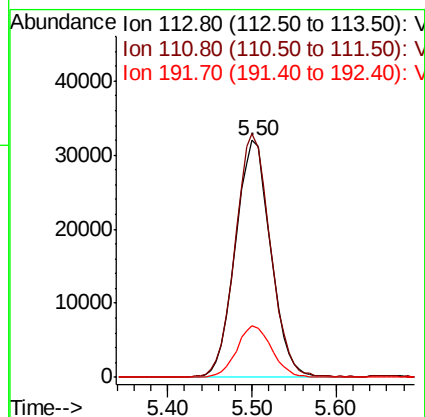
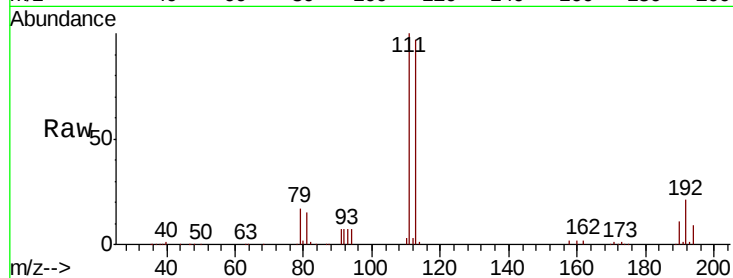




#35
Dibromofluoromethane
Concen: 48.787 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

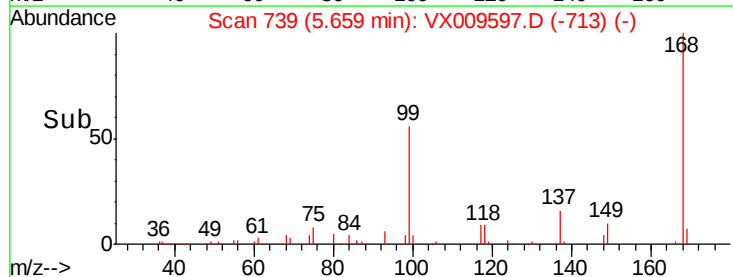
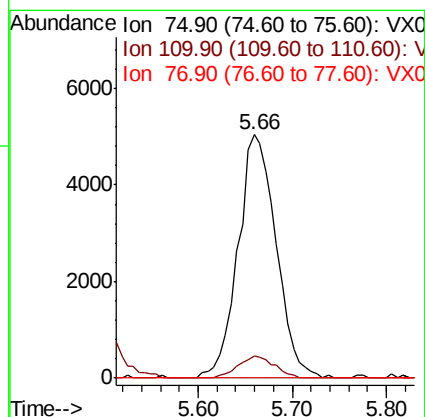
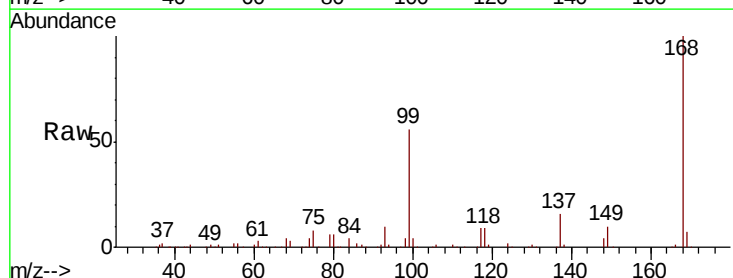
Instrument :
MSVOA_X
ClientSampleId :

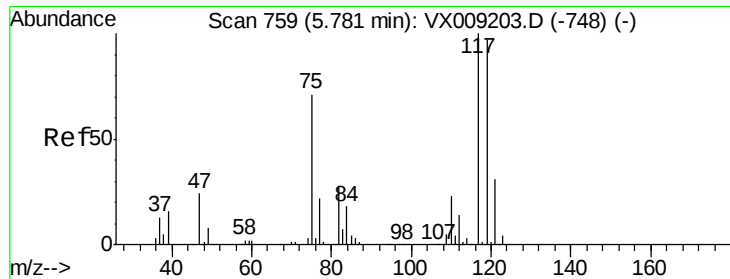
Tot Ion:113 Resp: 90693
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 21.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.189 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

Tgt Ion: 75 Resp: 14260
Ion Ratio Lower Upper
75 100
110 8.5 16.9 50.6#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.943 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

ClientSampled :

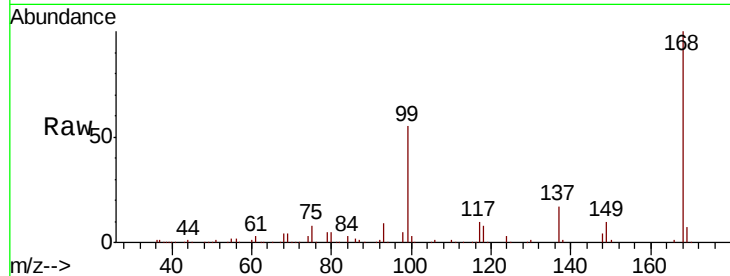
Tot Ion:117 Resp: 17335

Ion Ratio Lower Upper

117 100

119 4.9 77.5 116.3#

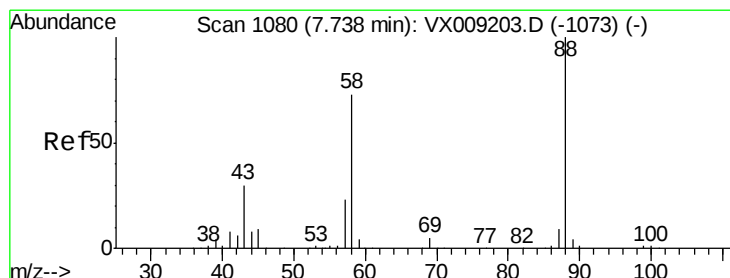
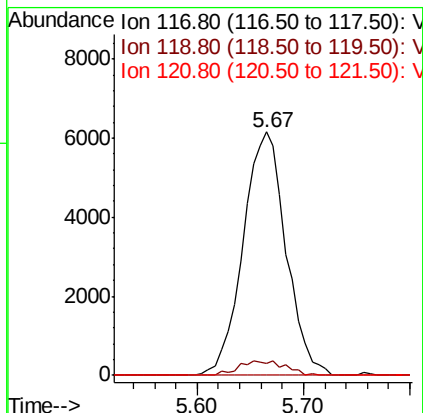
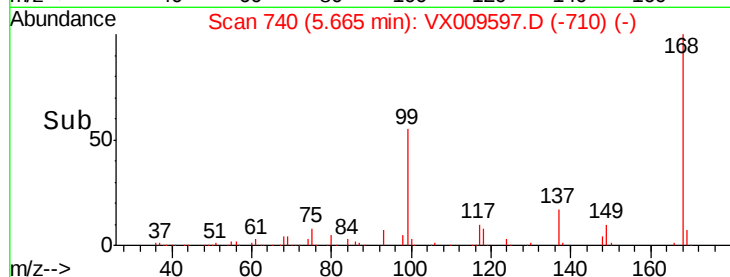
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 0.308 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.04 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

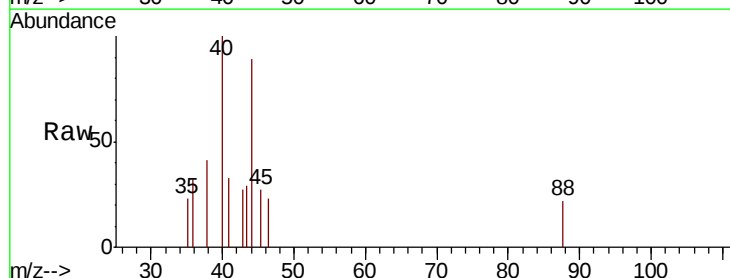
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 705.3 28.6 42.8#

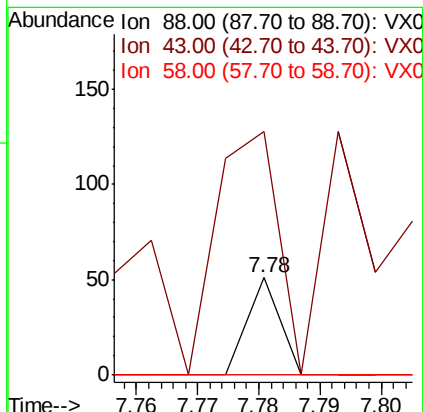
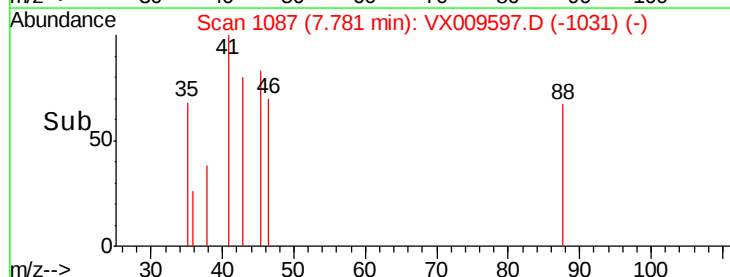
58 0.0 61.7 92.5#

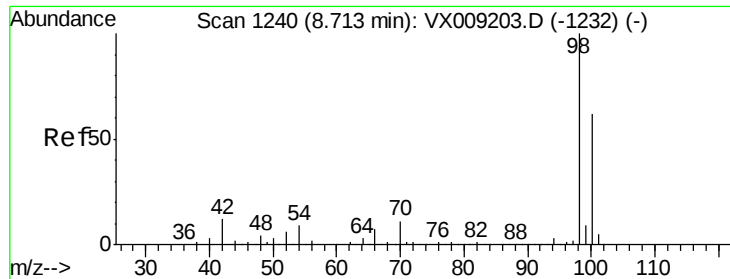


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.206 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

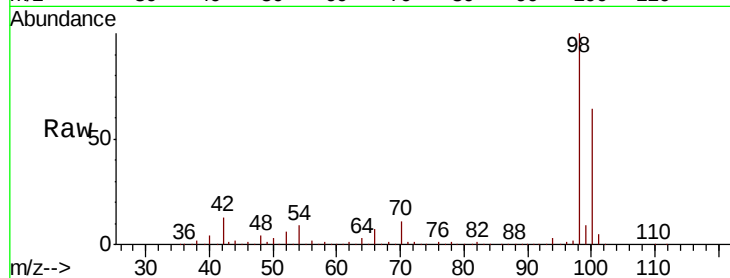
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 369295

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

250000

200000

150000

100000

50000

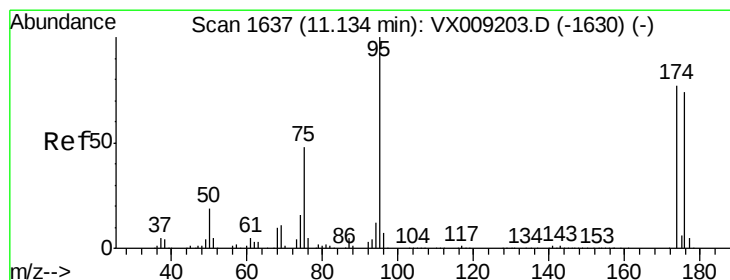
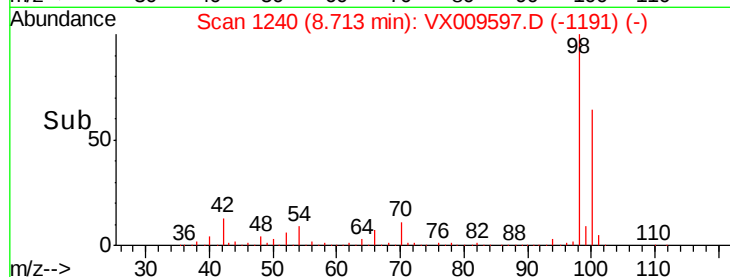
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.110 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

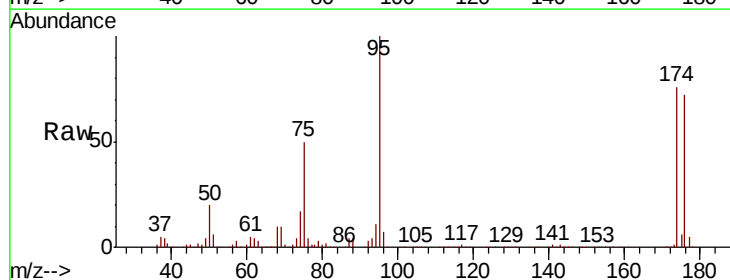
Tgt Ion: 95 Resp: 120290

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

176 78.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

20000

0

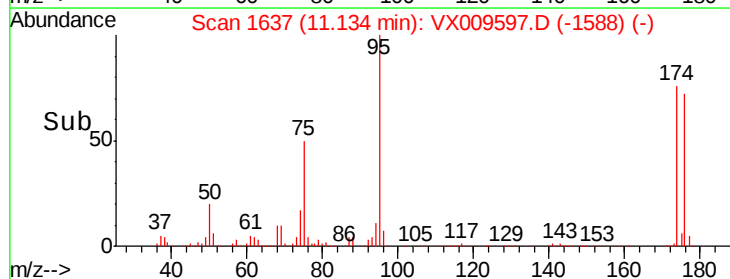
11.10

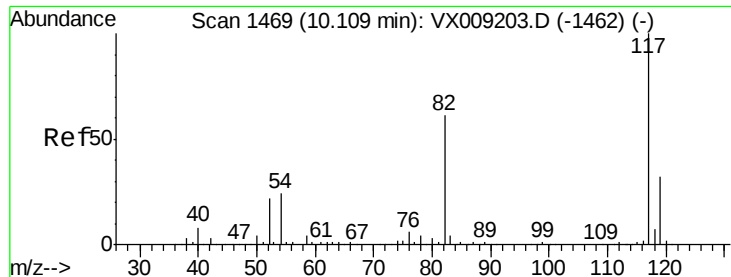
11.13

11.20

11.30

Time-->

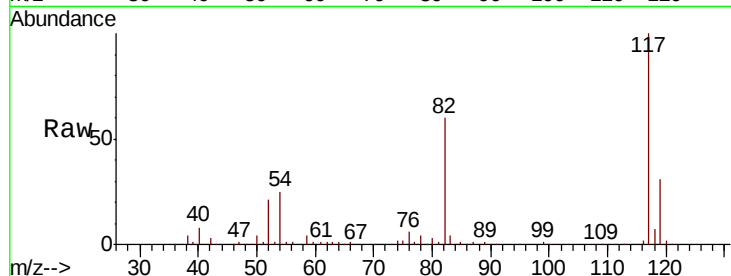




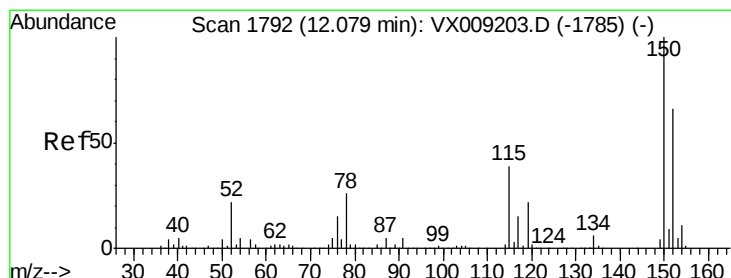
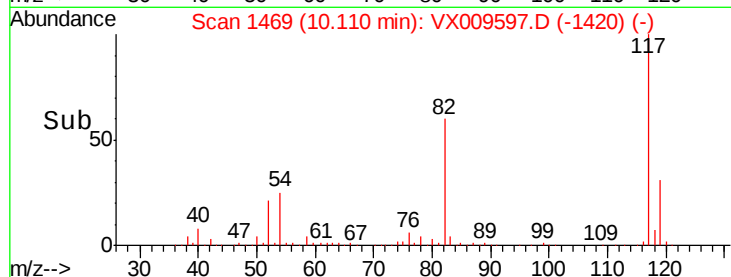
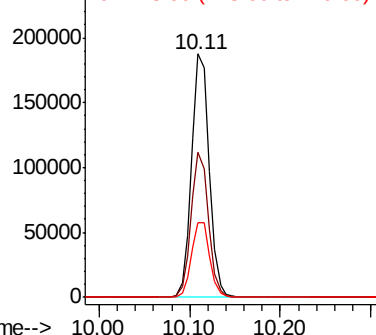
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 255202
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 30.7 25.8 38.6

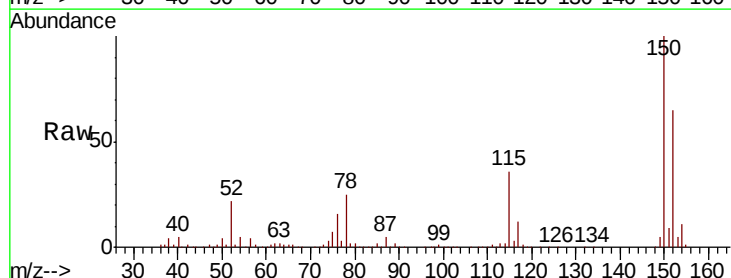


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

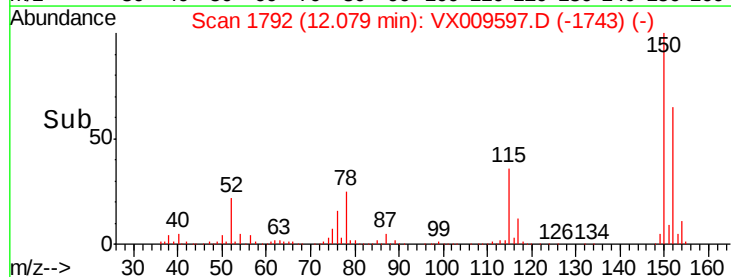
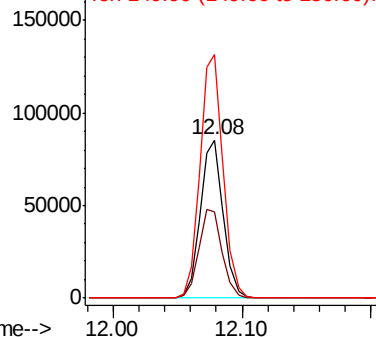


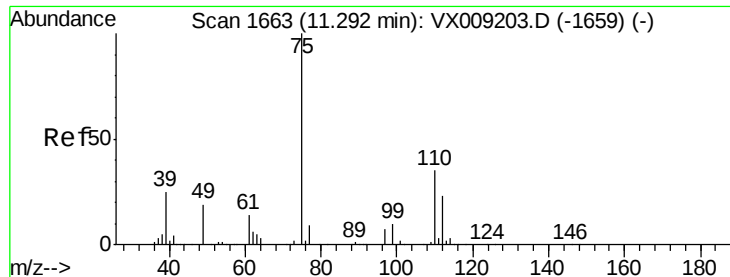
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

Tgt Ion:152 Resp: 105880
Ion Ratio Lower Upper
152 100
115 57.7 41.2 123.6
150 155.8 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





#76

1,2,3-Trichloropropane

Concen: 24.888 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

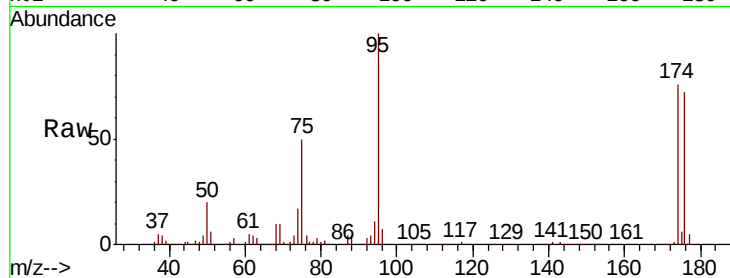
ClientSampled :

Tot Ion: 75 Resp: 61126

Ion Ratio Lower Upper

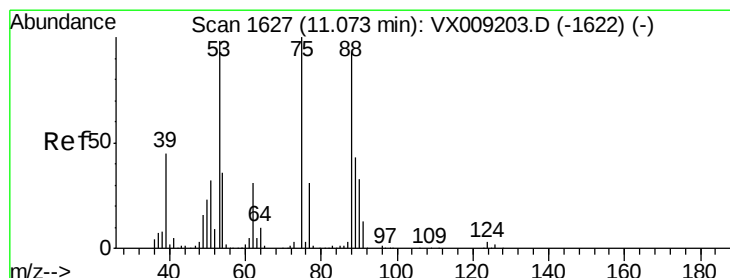
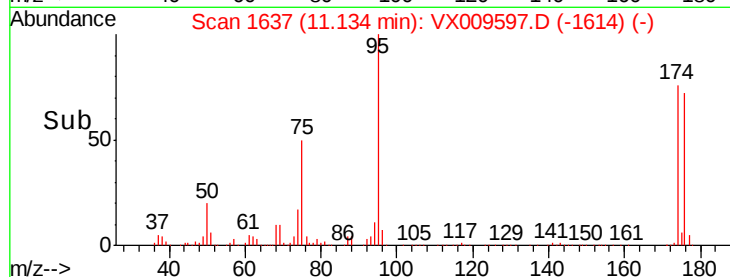
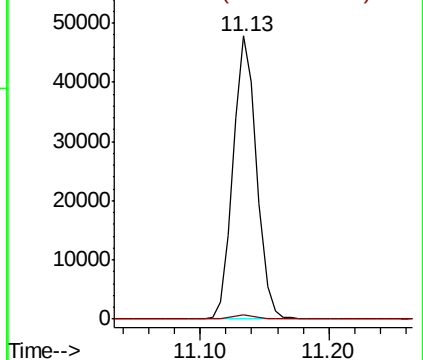
75 100

77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 63.680 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

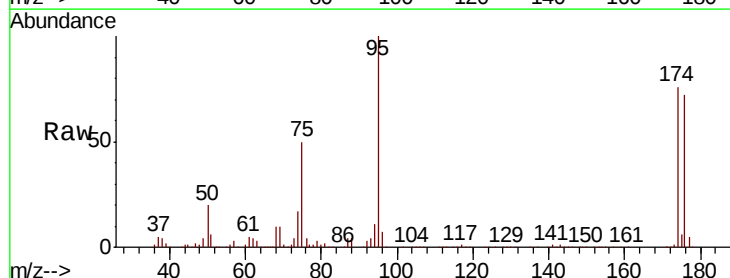
Tgt Ion: 75 Resp: 61126

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

