

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
 Data File : VX019977.D
 Acq On : 14 Dec 2020 11:26
 Operator : JC/MD
 Sample : VX1214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

Quant Time: Dec 15 00:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	311807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	515557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	482115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195895	47.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.60%
35) Dibromofluoromethane	5.46	113	159506	47.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.74%
50) Toluene-d8	8.70	98	623707	49.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.06%
62) 4-Bromofluorobenzene	11.12	95	220258	45.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.98%

Target Compounds

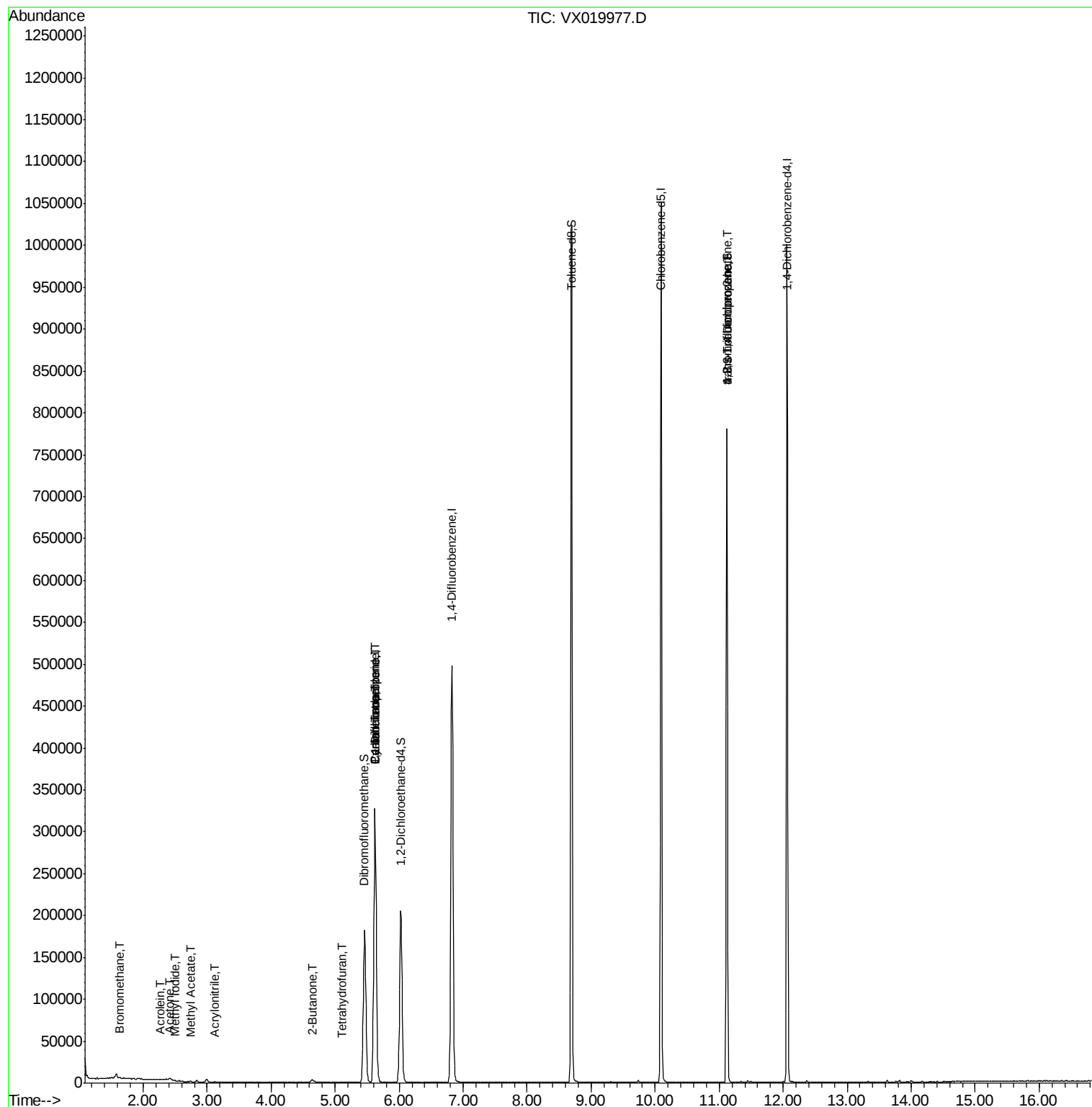
					Qvalue	
5) Bromomethane	1.64	94	701	0.596	ug/l #	55
10) Methyl Iodide	2.50	142	968	0.232	ug/l #	86
13) Acrolein	2.27	56	366	0.809	ug/l #	35
15) Acrylonitrile	3.11	53	419	0.226	ug/l	94
16) Acetone	2.41	43	1607	1.043	ug/l	88
18) Methyl Acetate	2.75	43	1039	0.276	ug/l	92
20) Methylene Chloride	2.83	84	891	Below Cal		91
25) 2-Butanone	4.64	43	528	0.223	ug/l #	45
29) Tetrahydrofuran	5.09	42	432	0.283	ug/l #	47
31) Cyclohexane	5.63	56	5754	1.129	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23328	5.007	ug/l #	48
38) Carbon Tetrachloride	5.62	117	30322	6.647	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	106166	22.649	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	106166	65.475	ug/l #	12

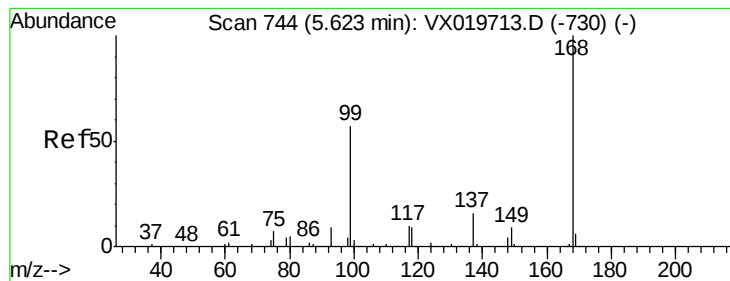
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
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Quant Time: Dec 15 00:21:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

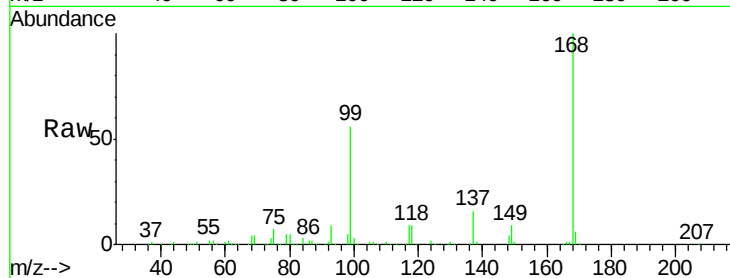
VX1214WBL01

Tgt Ion: 168 Resp: 311807

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

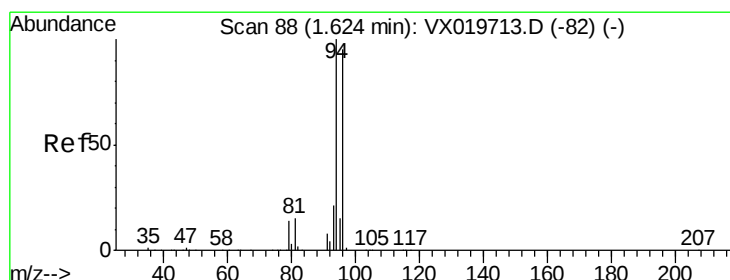
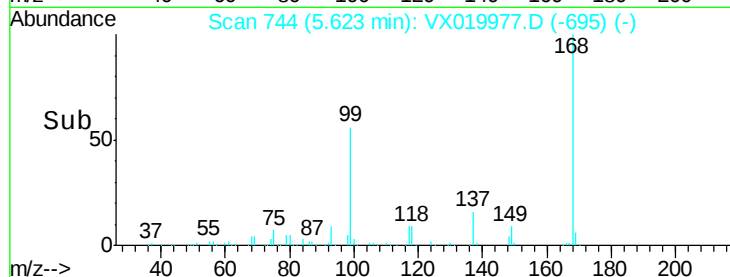
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.596 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019977.D

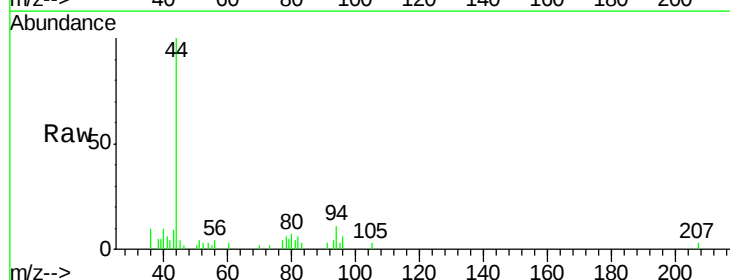
Acq: 14 Dec 2020 11:26

Tgt Ion: 94 Resp: 701

Ion Ratio Lower Upper

94 100

96 51.6 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

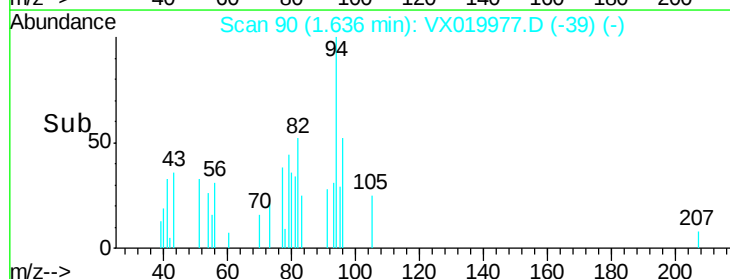
200

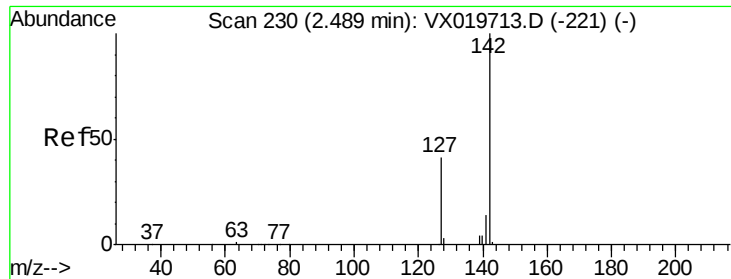
100

0

Time-->

1.60 1.65 1.70

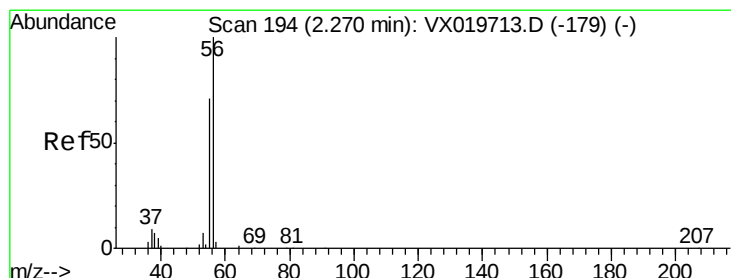
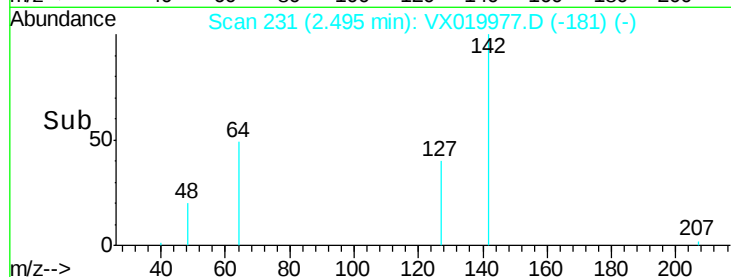
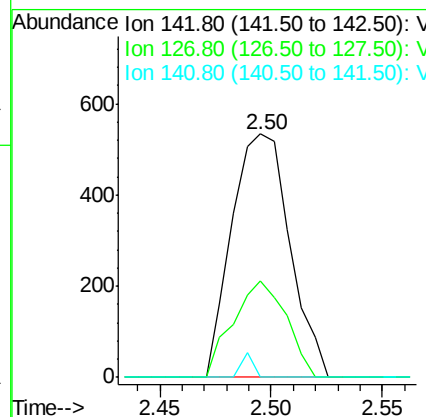
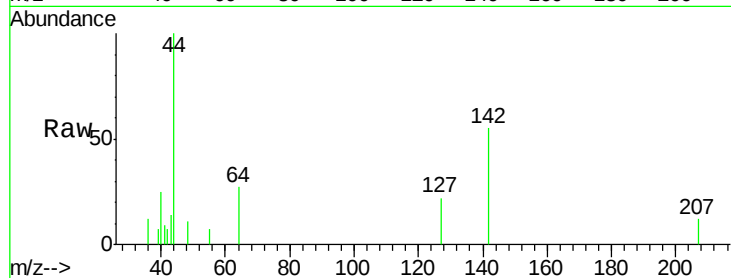




#10
Methyl Iodide
Concen: 0.232 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

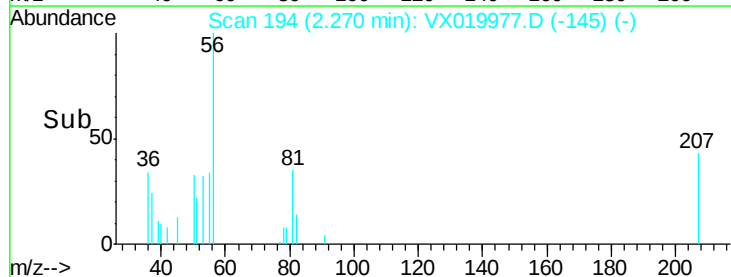
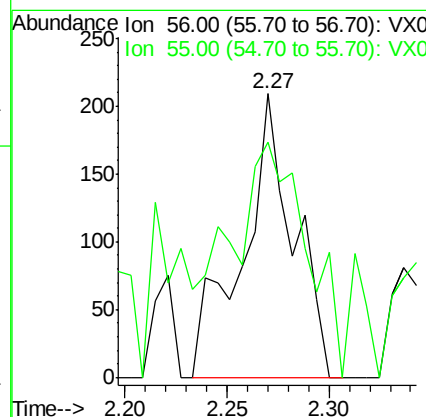
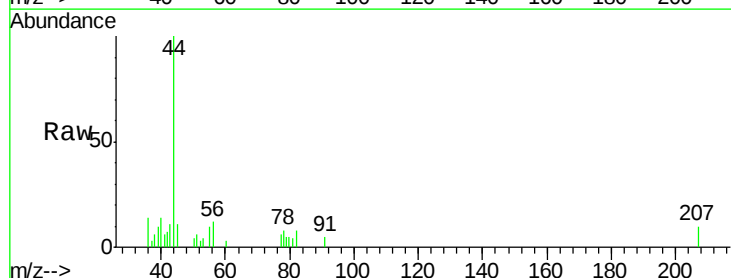
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

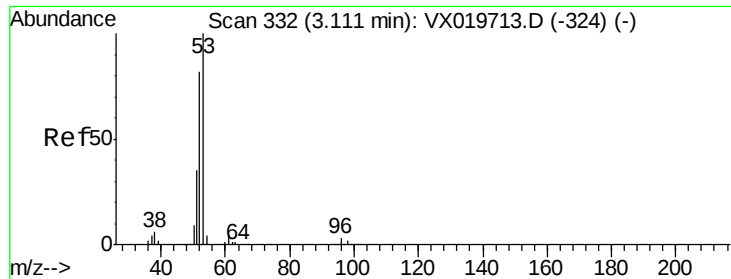
Tgt Ion: 142 Resp: 968
Ion Ratio Lower Upper
142 100
127 36.3 33.3 49.9
141 2.1 11.4 17.0#



#13
Acrolein
Concen: 0.809 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Tgt Ion: 56 Resp: 366
Ion Ratio Lower Upper
56 100
55 124.3 56.4 84.6#

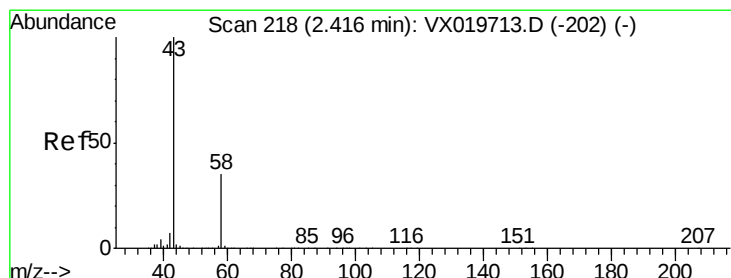
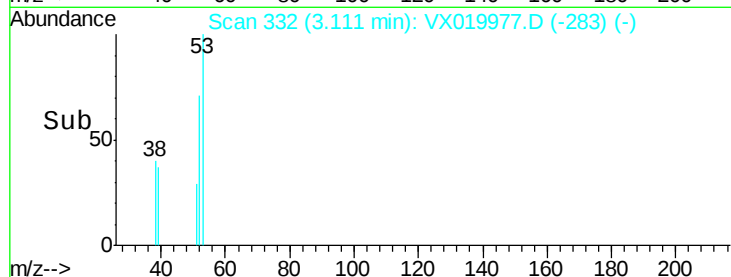
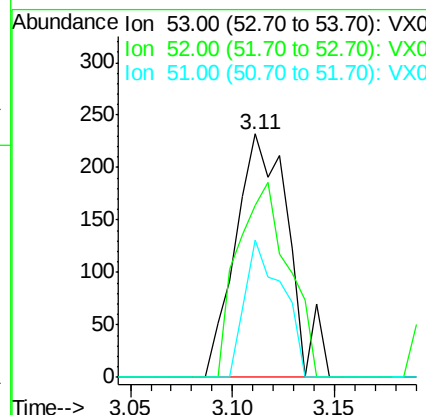
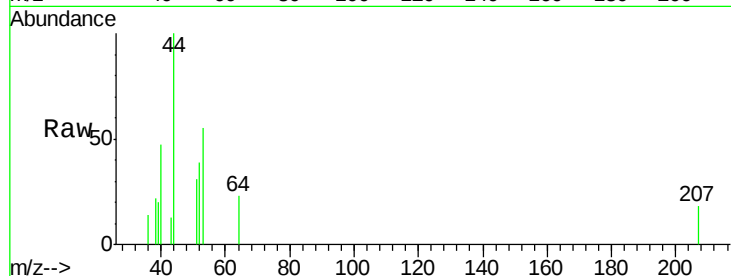




#15
 Acrylonitrile
 Concen: 0.226 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VX019977.D
 Acq: 14 Dec 2020 11:26

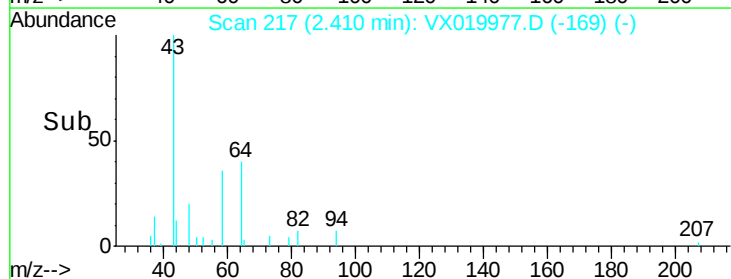
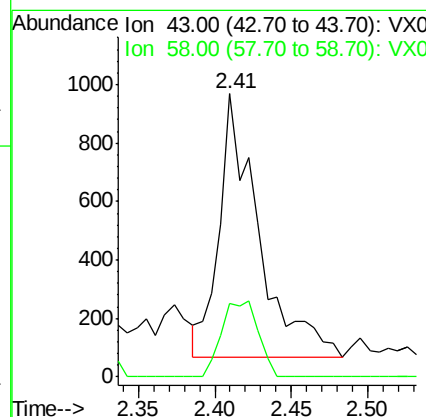
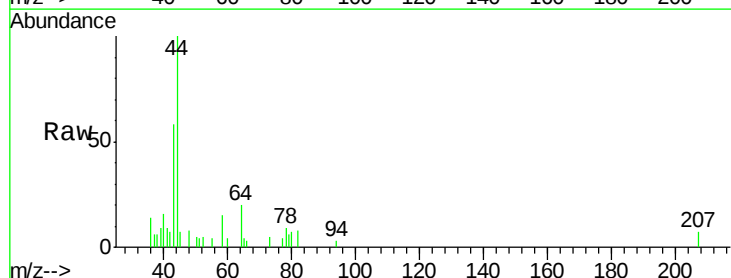
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

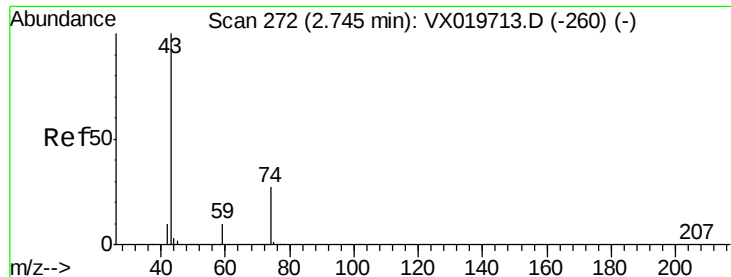
Tgt Ion: 53 Resp: 419
 Ion Ratio Lower Upper
 53 100
 52 76.8 65.3 97.9
 51 39.6 28.2 42.2



#16
 Acetone
 Concen: 1.043 ug/l
 RT: 2.41 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: VX019977.D
 Acq: 14 Dec 2020 11:26

Tgt Ion: 43 Resp: 1607
 Ion Ratio Lower Upper
 43 100
 58 28.1 27.8 41.8

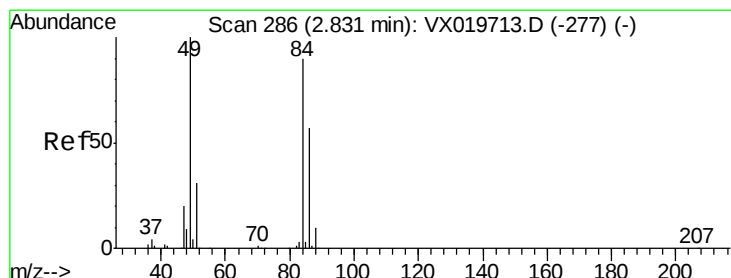
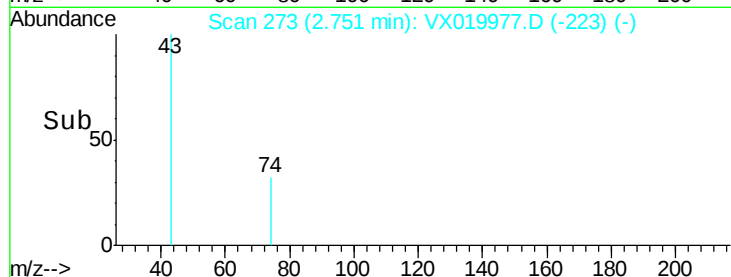
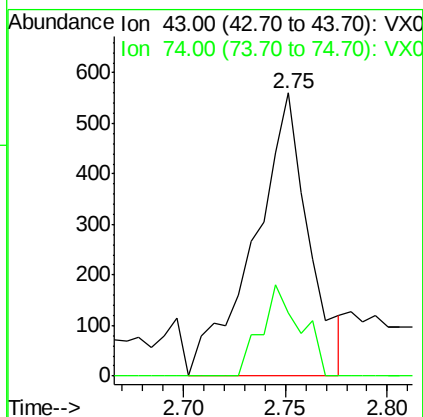
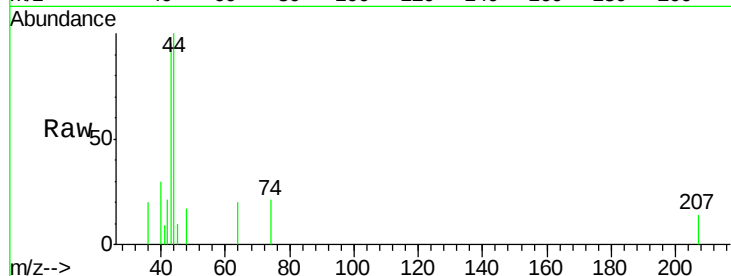




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

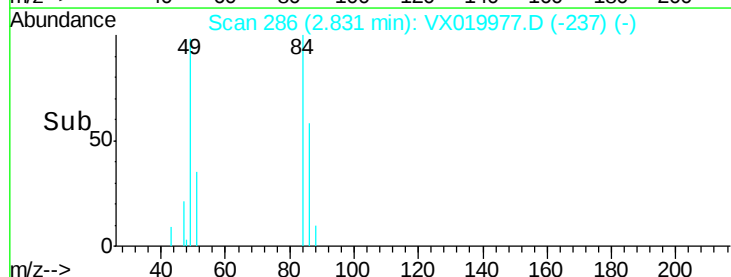
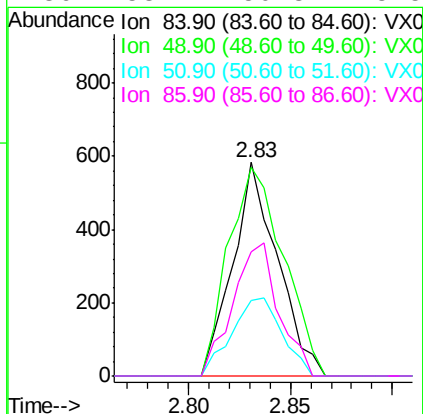
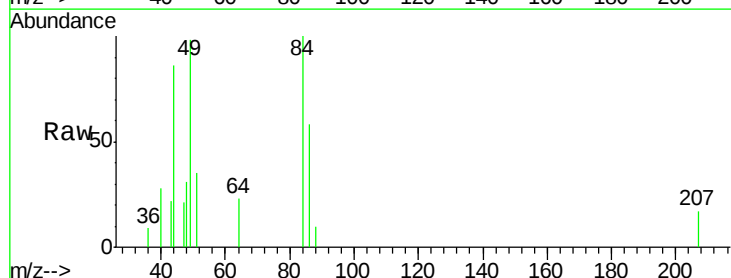
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

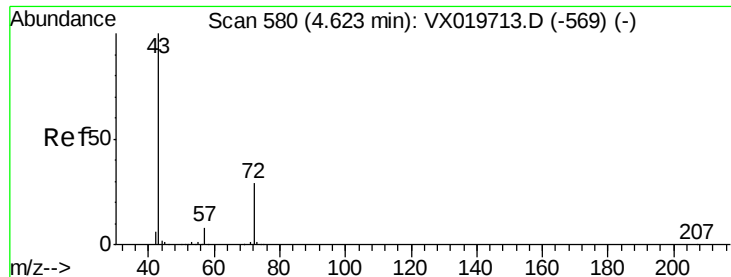
Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
74 23.4 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Tgt Ion: 84 Resp: 891
Ion Ratio Lower Upper
84 100
49 97.9 88.6 132.8
51 35.2 27.0 40.6
86 58.1 50.3 75.5





#25

2-Butanone

Concen: 0.223 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

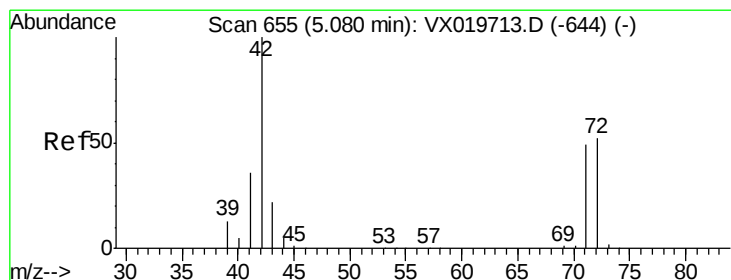
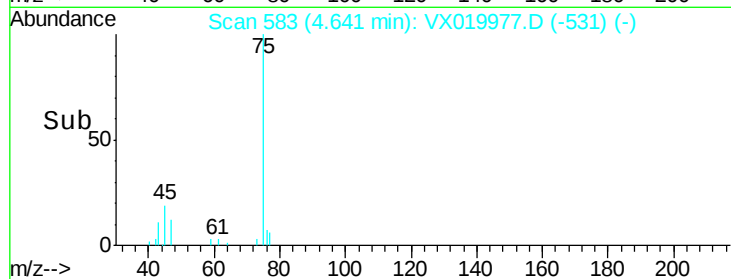
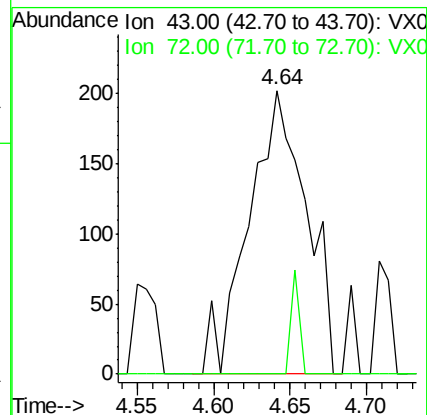
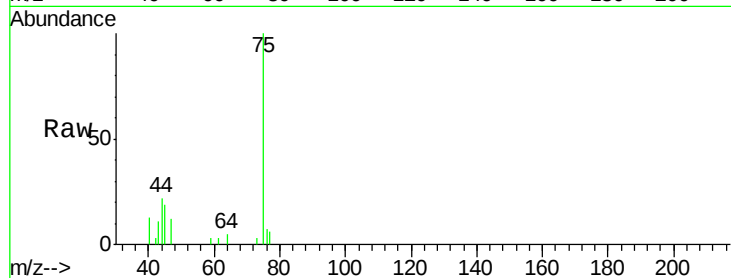
VX1214WBL01

Tgt Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.283 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

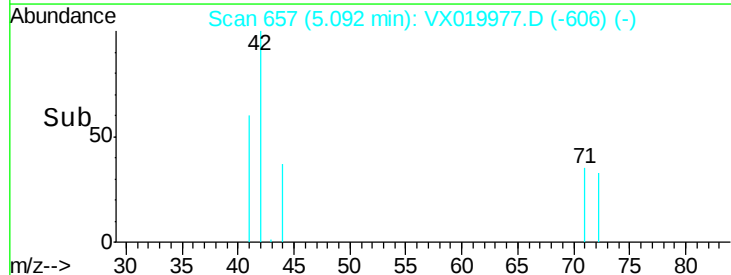
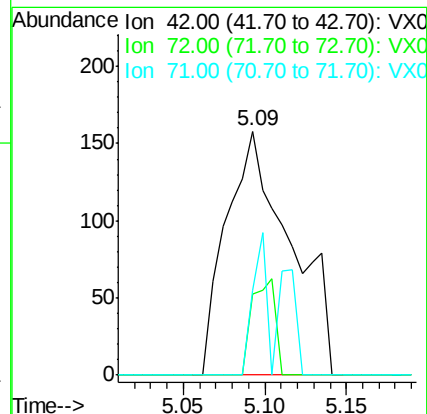
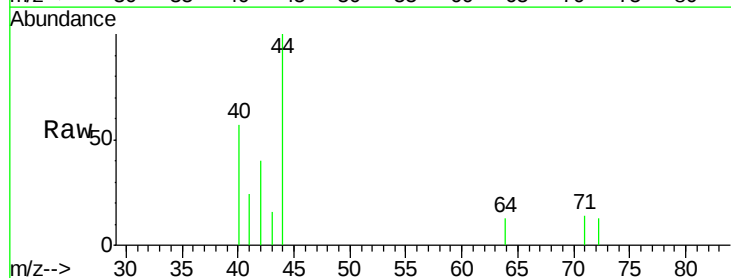
Tgt Ion: 42 Resp: 432

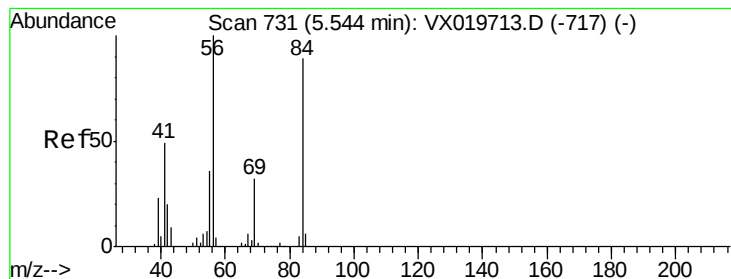
Ion Ratio Lower Upper

42 100

72 14.4 41.7 62.5#

71 12.5 38.4 57.6#





#31

Cyclohexane

Concen: 1.129 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.09 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL01

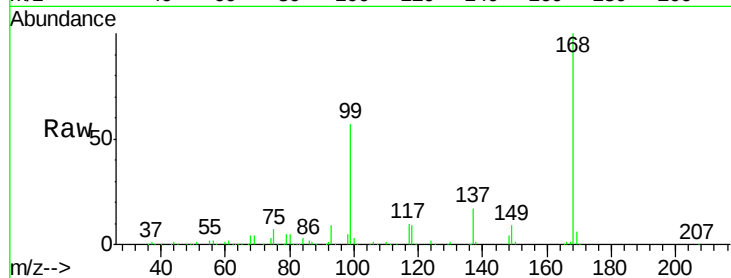
Tgt Ion: 56 Resp: 5754

Ion Ratio Lower Upper

56 100

69 209.2 25.3 37.9#

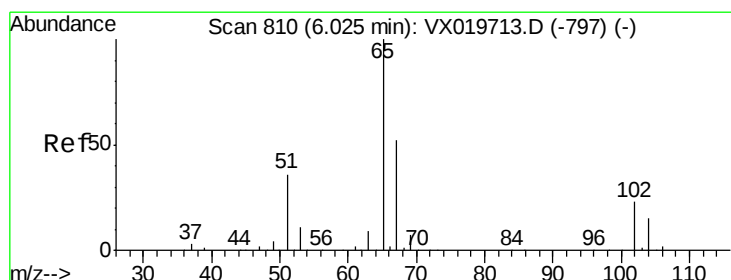
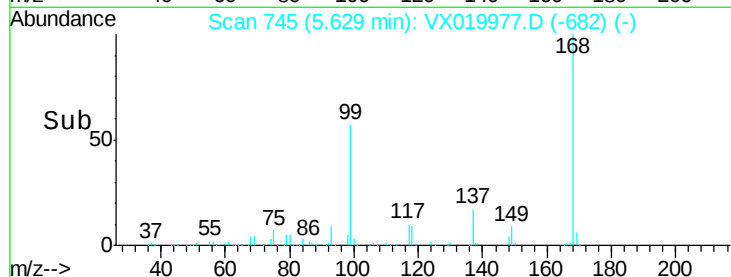
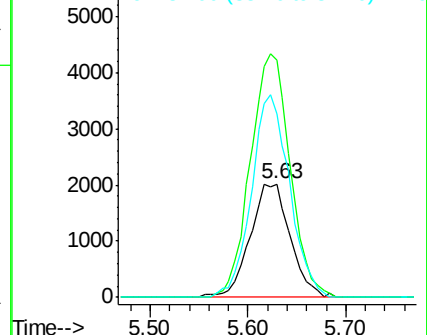
84 161.8 71.4 107.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.802 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019977.D

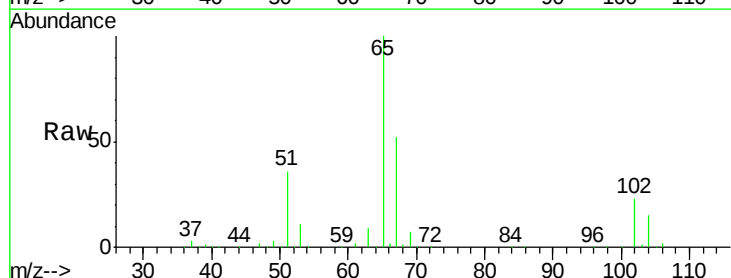
Acq: 14 Dec 2020 11:26

Tgt Ion: 65 Resp: 195895

Ion Ratio Lower Upper

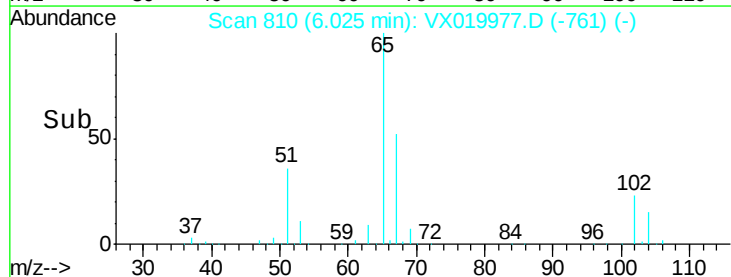
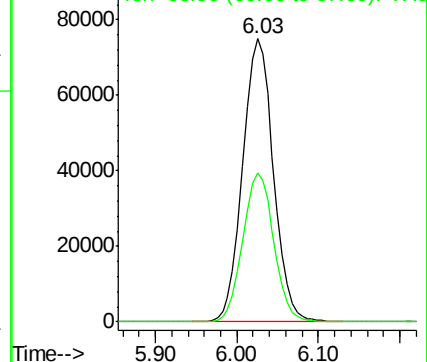
65 100

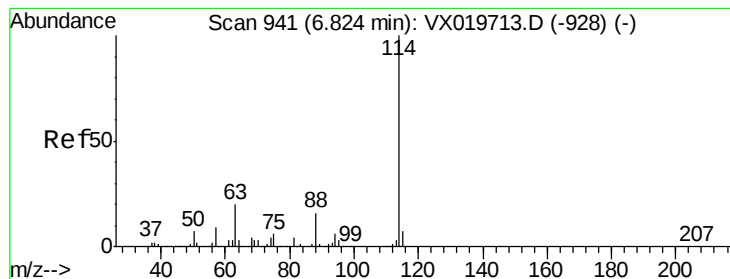
67 53.2 0.0 105.4



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: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL01

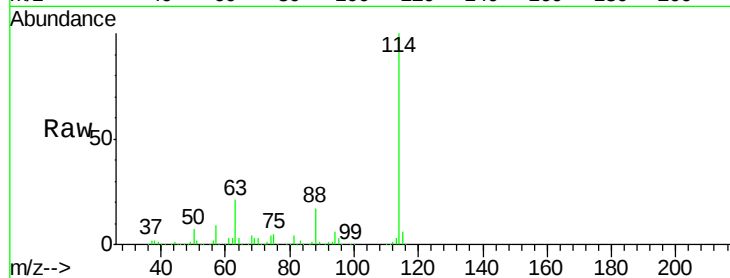
Tgt Ion:114 Resp: 515557

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

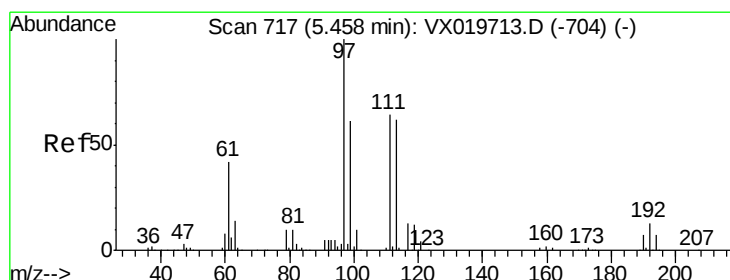
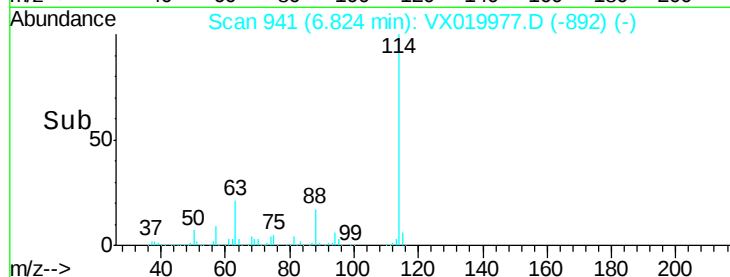
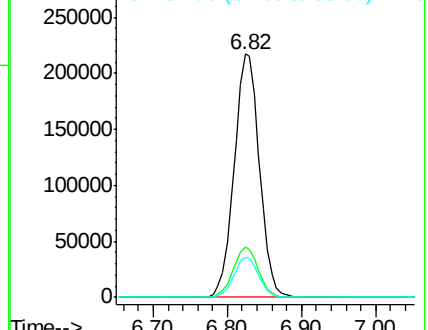
88 16.5 0.0 32.8



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: 47.871 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

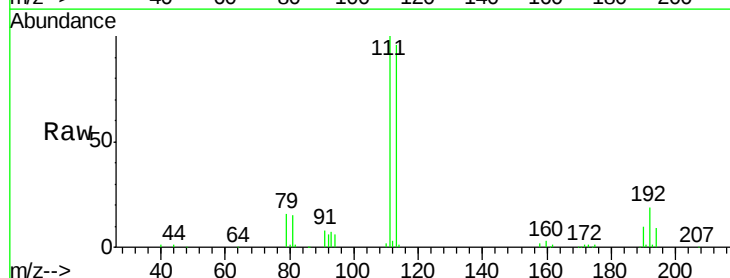
Tgt Ion:113 Resp: 159506

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

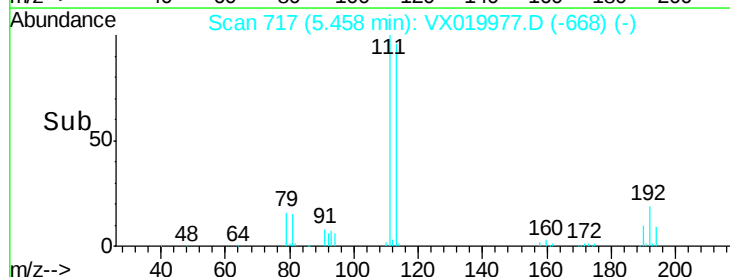
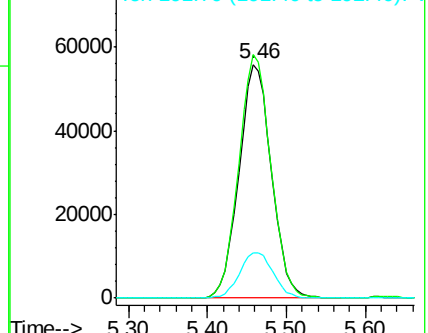
192 20.3 16.7 25.1

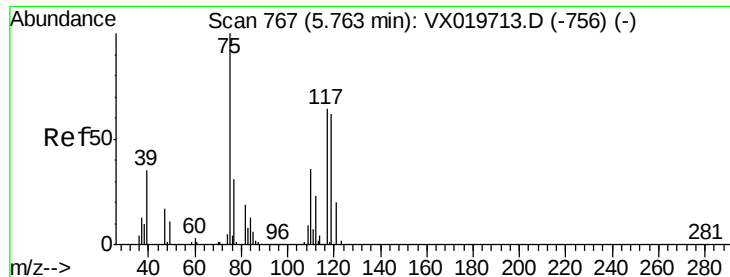


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

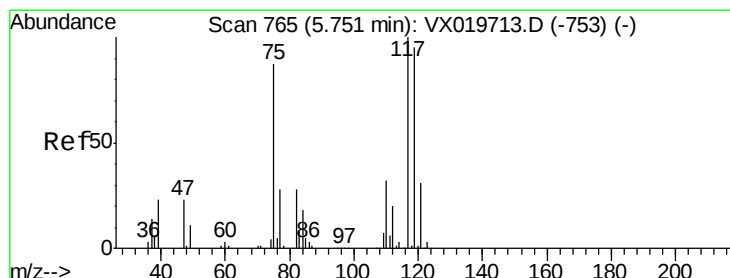
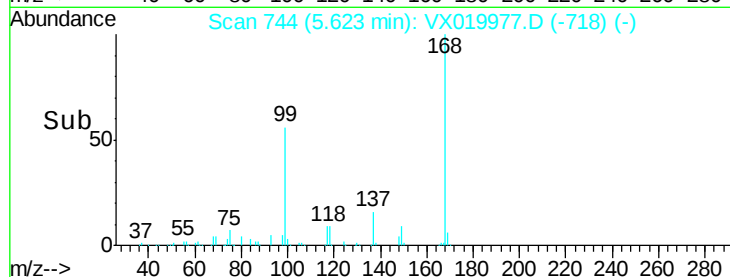
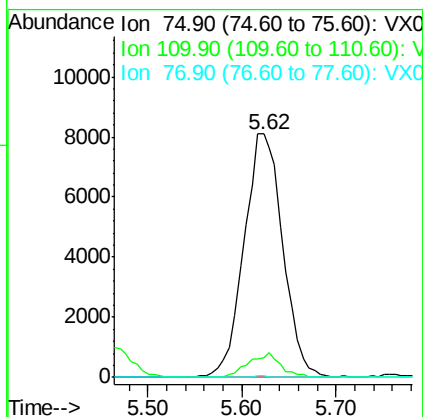
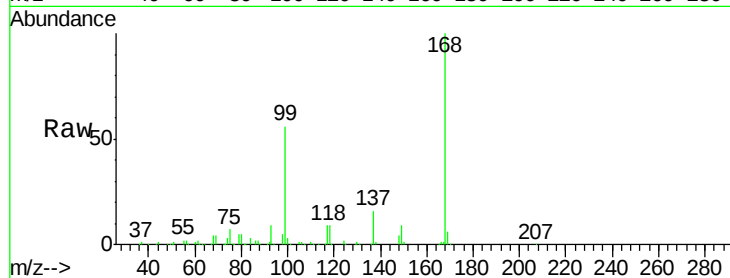




#36
 1,1-Dichloropropene
 Concen: 5.007 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX019977.D
 Acq: 14 Dec 2020 11:26

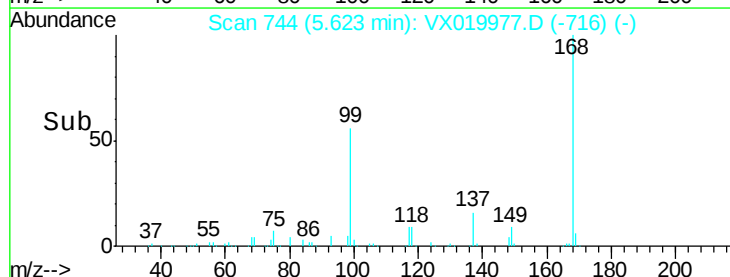
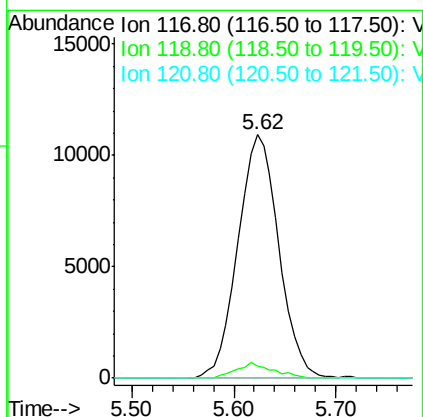
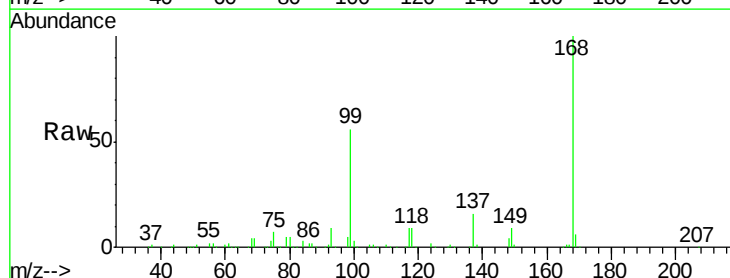
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

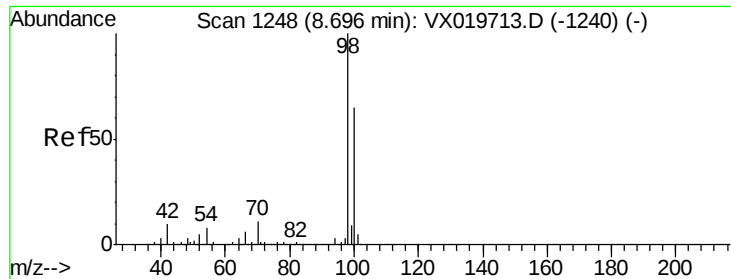
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.2	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.647 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.13 min
 Lab File: VX019977.D
 Acq: 14 Dec 2020 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#

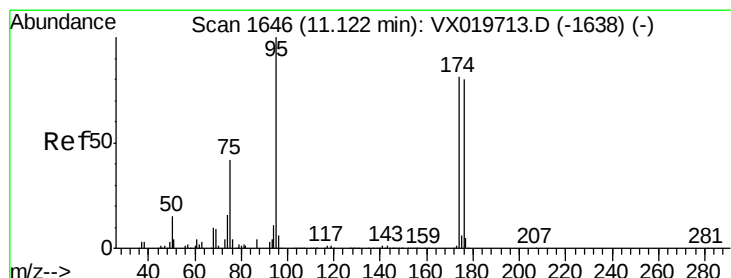
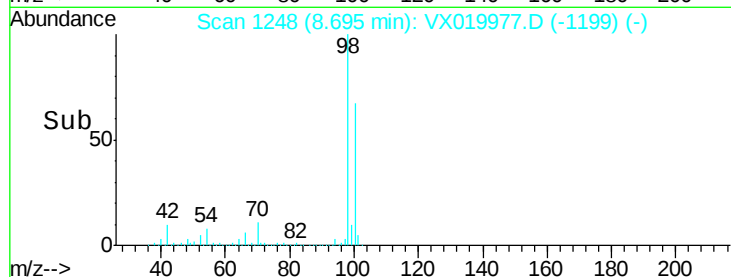
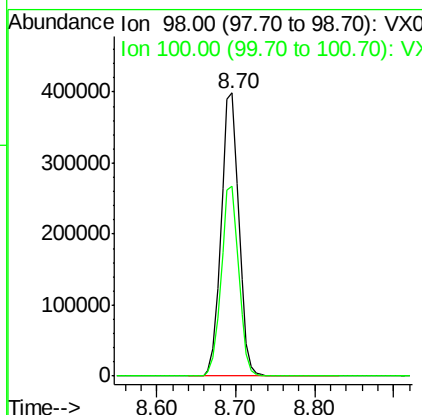
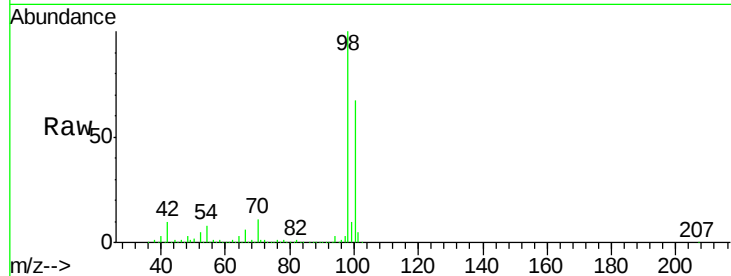




#50
Toluene-d8
Concen: 49.031 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

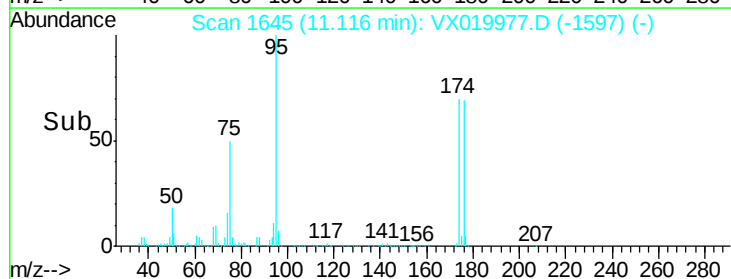
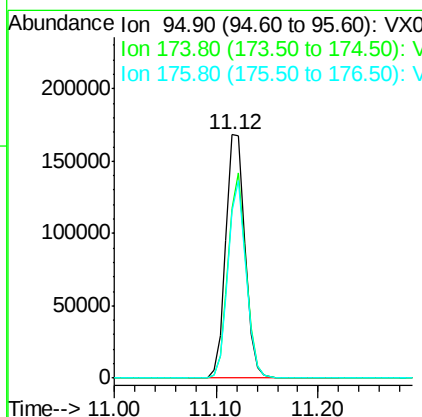
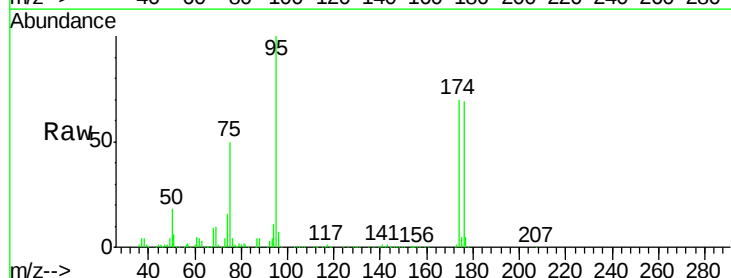
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

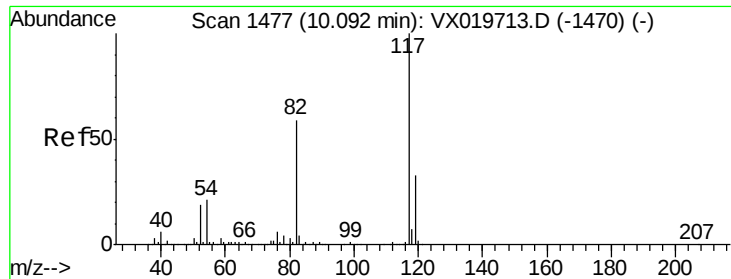
Tgt Ion: 98 Resp: 623707
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.493 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.01 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Tgt Ion: 95 Resp: 220258
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 75.3 0.0 155.8

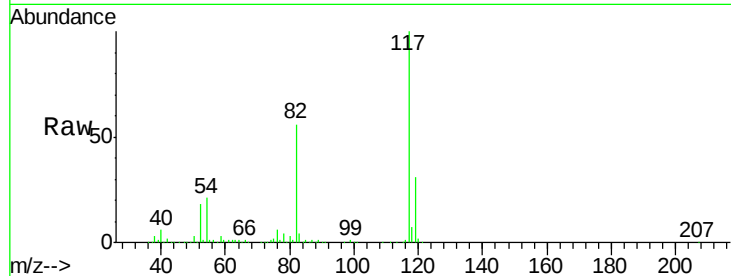




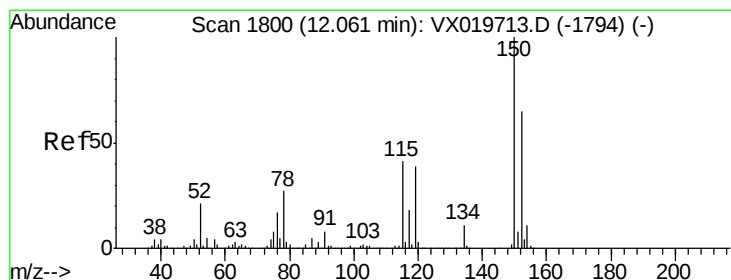
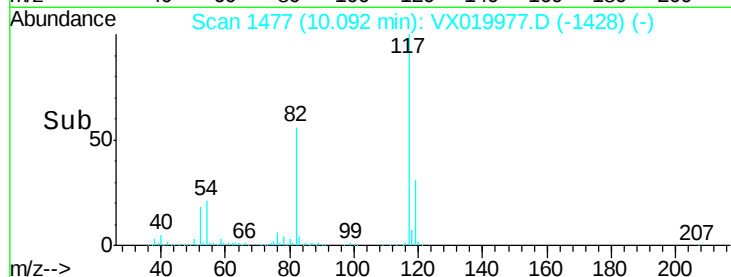
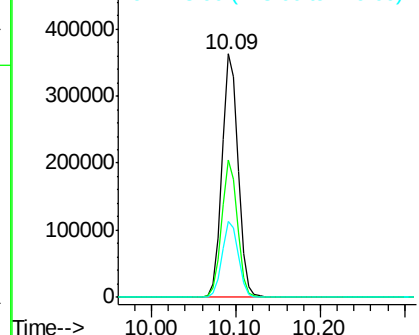
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

Tgt Ion:117 Resp: 482115
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.1 26.6 39.8

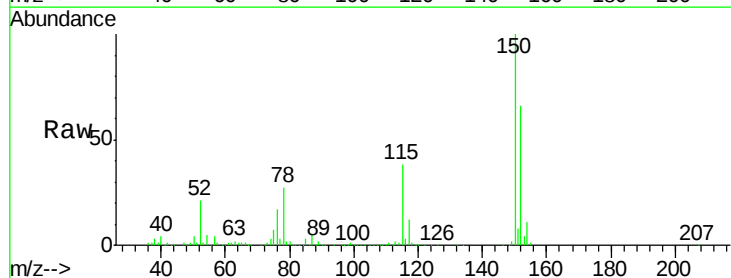


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

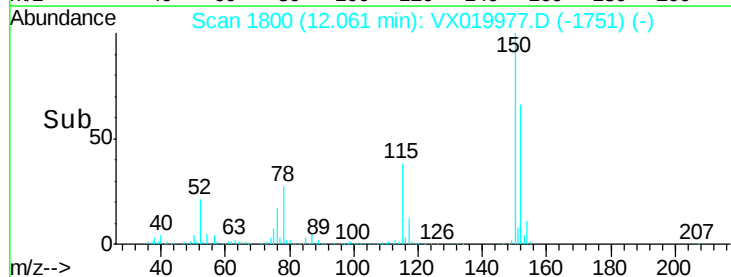
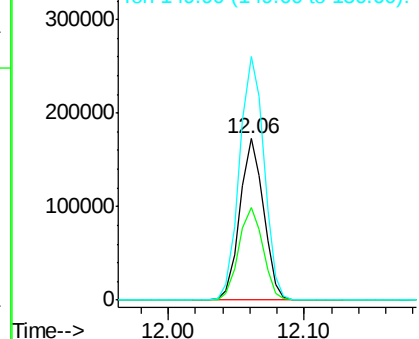


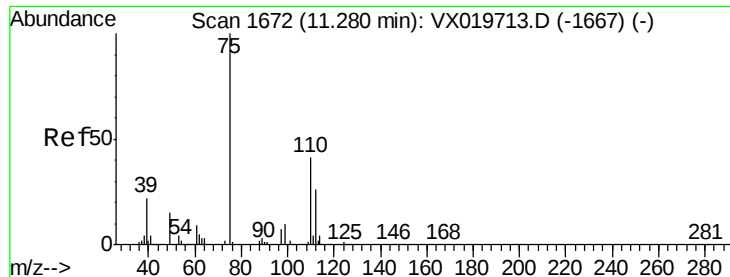
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Tgt Ion:152 Resp: 208993
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 157.3 0.0 349.0



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

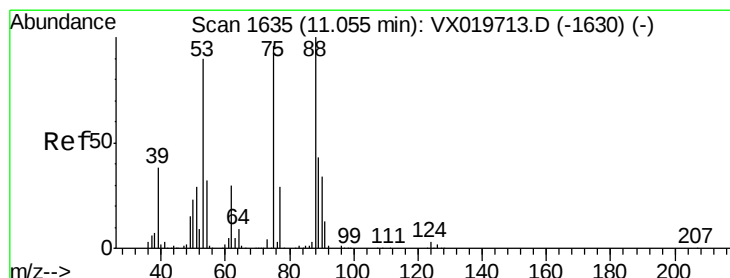
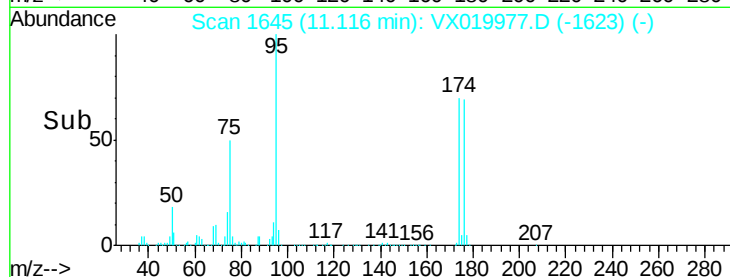
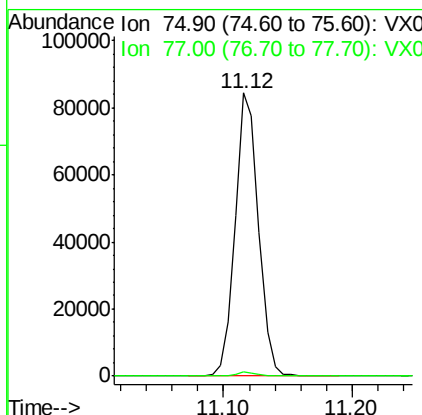
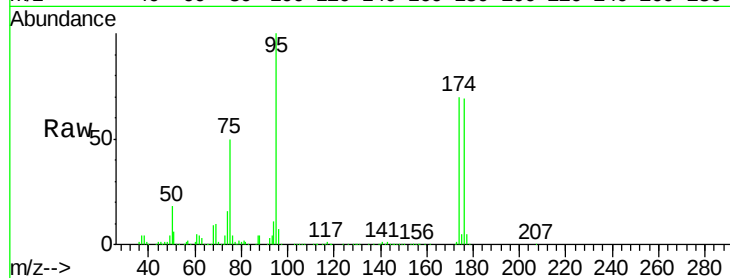




#76
 1,2,3-Trichloropropane
 Concen: 22.649 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.16 min
 Lab File: VX019977.D
 Acq: 14 Dec 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

Tgt Ion: 75 Resp: 106166
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.475 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. 0.06 min
 Lab File: VX019977.D
 Acq: 14 Dec 2020 11:26

Tgt Ion: 75 Resp: 106166
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

