

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012777.D
 Acq On : 03 Oct 2019 12:38
 Operator : JC/SP
 Sample : VX1003WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

Quant Time: Oct 04 06:48:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	253851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	117806	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	90181	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	8.71	98	349810	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	118154	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	

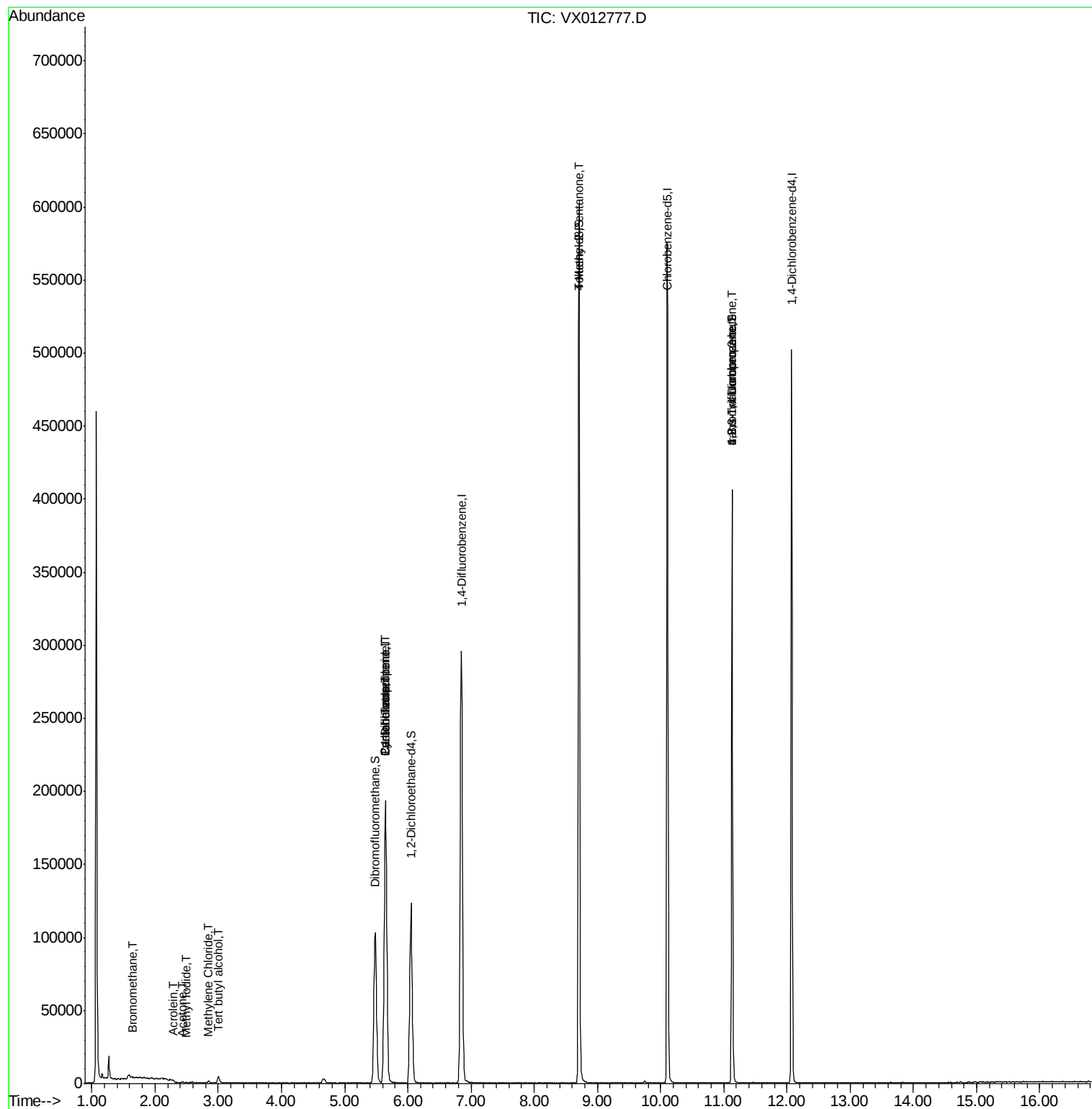
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	429	0.489	ug/l	85
10) Methyl Iodide	2.50	142	287	5.082	ug/l #	80
11) Tert butyl alcohol	3.01	59	2675	4.231	ug/l #	72
13) Acrolein	2.28	56	103	10.513	ug/l #	1
16) Acetone	2.43	43	725	0.541	ug/l	98
20) Methylene Chloride	2.84	84	605	0.267	ug/l #	81
31) Cyclohexane	5.64	56	3959	1.124	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14596	5.047	ug/l #	51
38) Carbon Tetrachloride	5.65	117	18162	6.182	ug/l #	16
51) 4-Methyl-2-Pentanone	8.70	43	1573	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	59801	23.063	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	59801	66.094	ug/l #	8

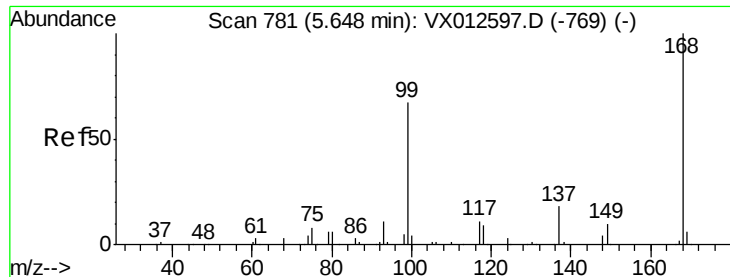
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012777.D

Acq: 03 Oct 2019 12:38

Instrument :

MSVOA_X

ClientSampleId :

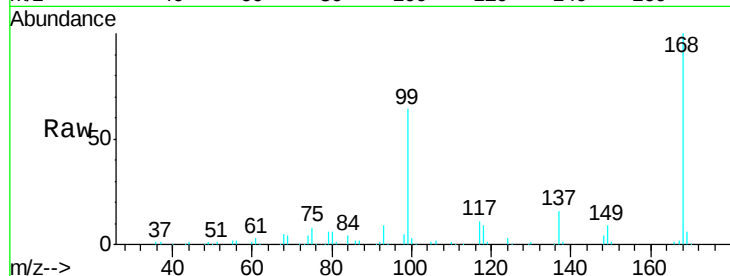
VX1003WBL01

Tgt Ion: 168 Resp: 173796

Ion Ratio Lower Upper

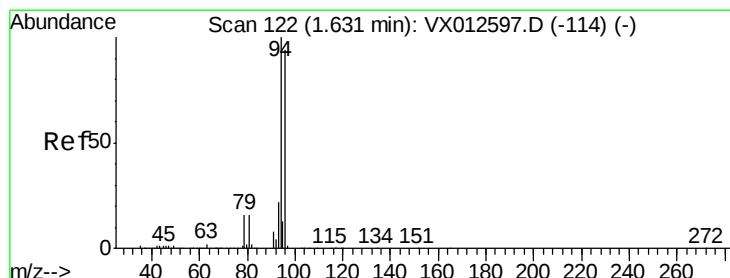
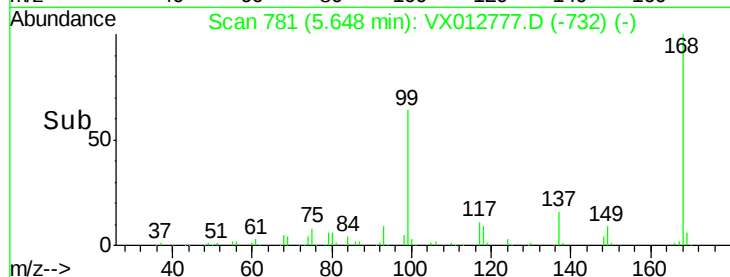
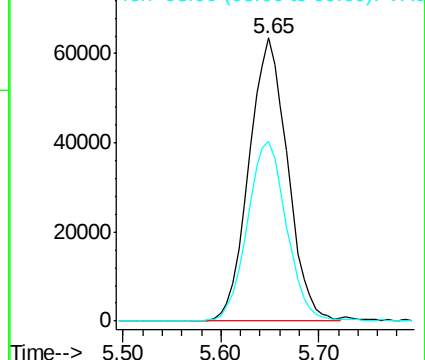
168 100

99 63.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.489 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012777.D

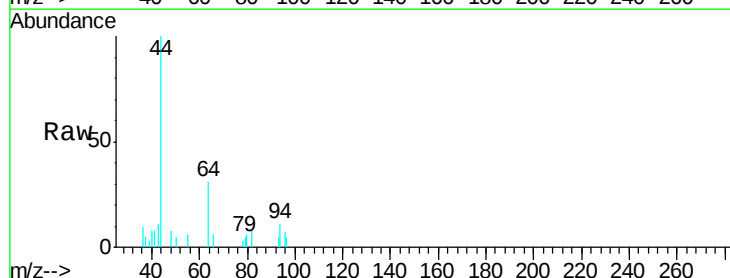
Acq: 03 Oct 2019 12:38

Tgt Ion: 94 Resp: 429

Ion Ratio Lower Upper

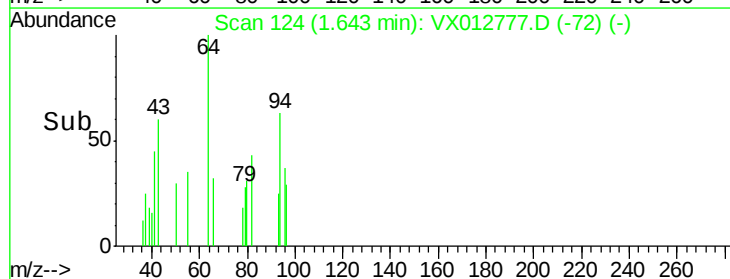
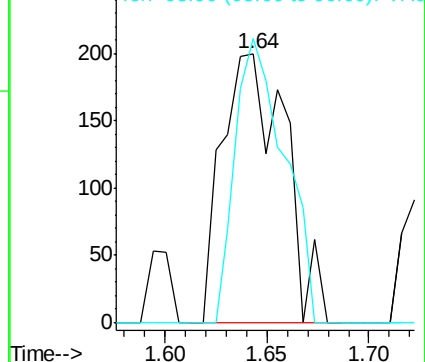
94 100

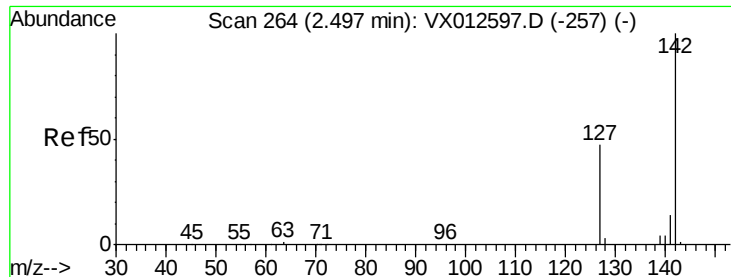
96 105.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

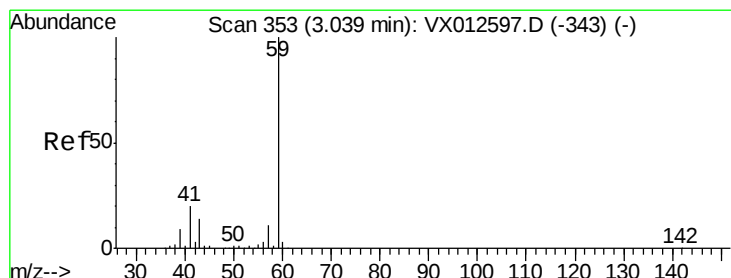
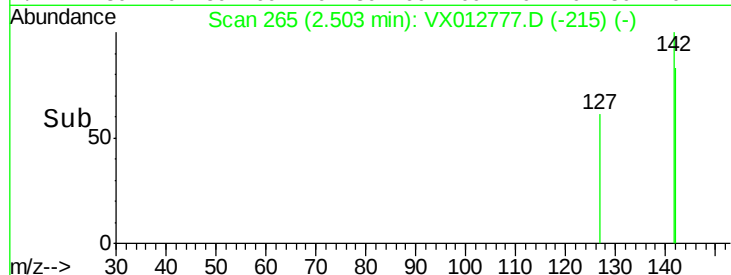
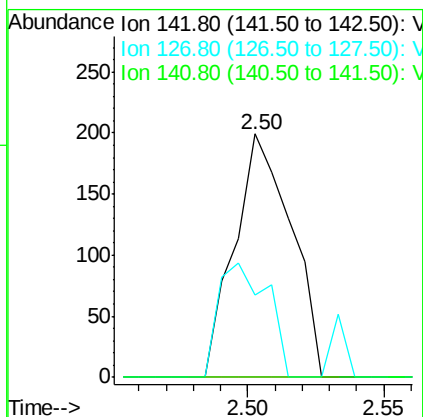
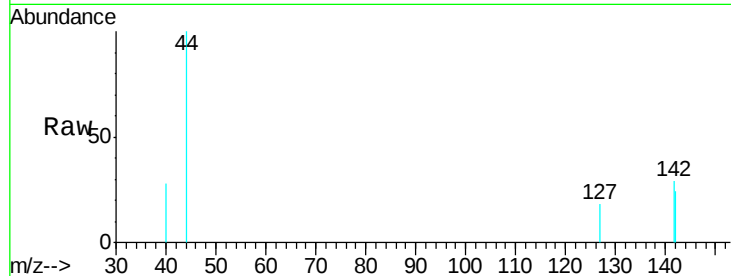




#10
Methyl Iodide
Concen: 5.082 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

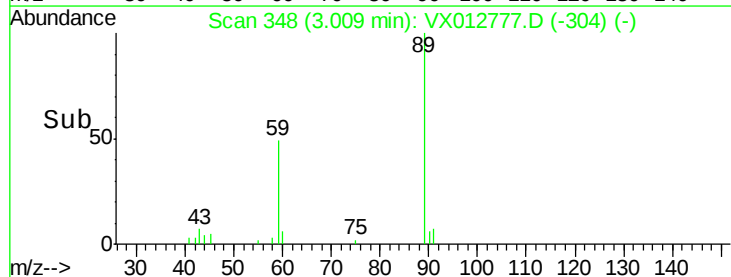
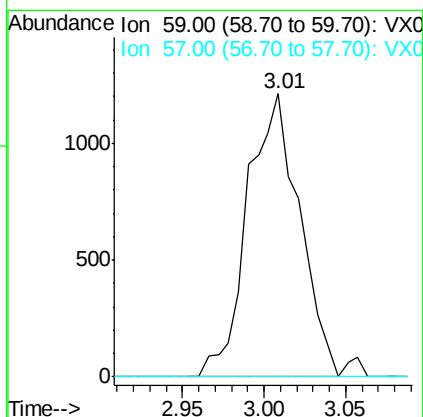
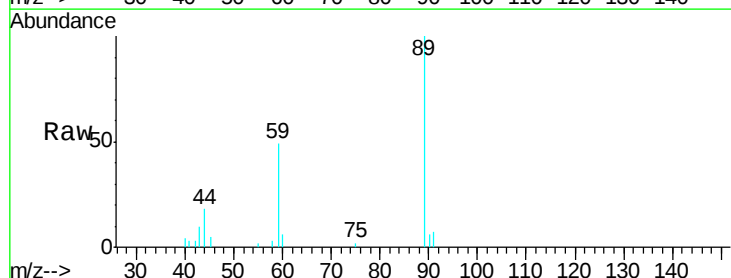
Instrument :
MSVOA_X
ClientSampled :
VX1003WBL01

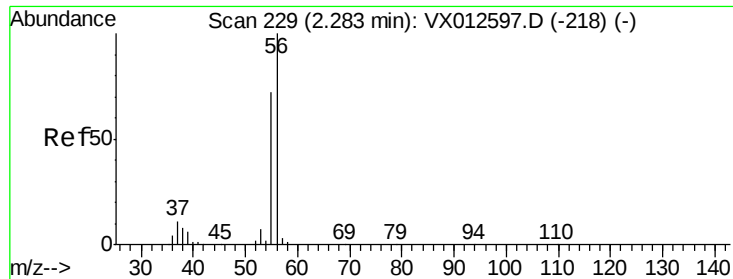
Tgt Ion: 142 Resp: 287
Ion Ratio Lower Upper
142 100
127 40.8 40.8 61.2#
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: 4.231 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

Tgt Ion: 59 Resp: 2675
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 10.513 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012777.D

Acq: 03 Oct 2019 12:38

Instrument :

MSVOA_X

ClientSampleId :

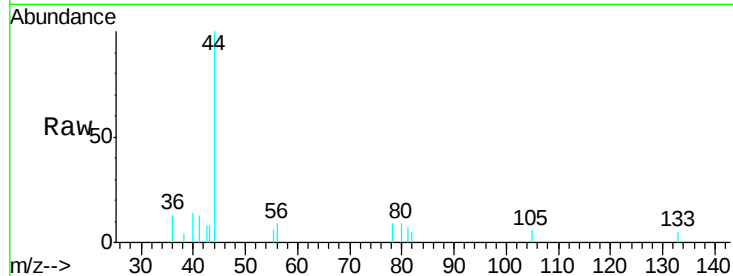
VX1003WBL01

Tgt Ion: 56 Resp: 103

Ion Ratio Lower Upper

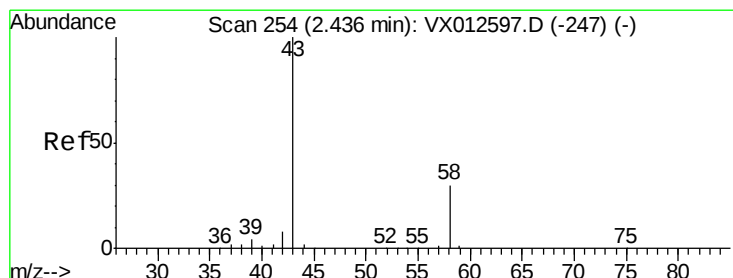
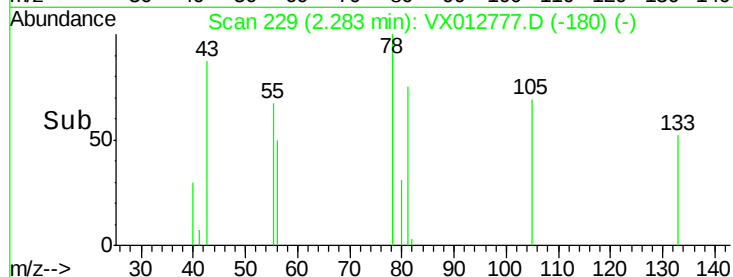
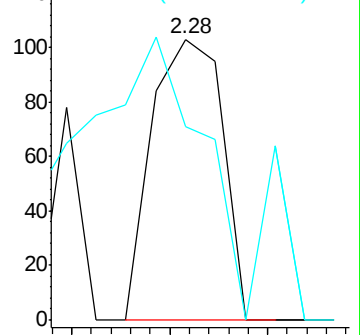
56 100

55 203.9 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.541 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012777.D

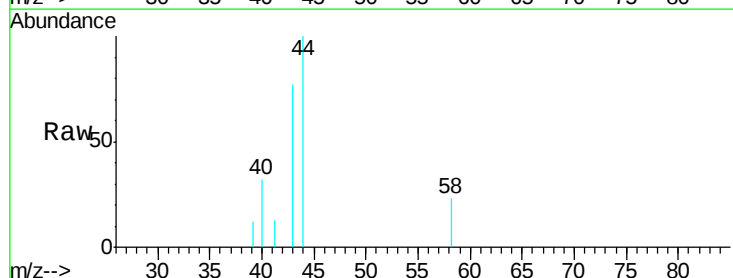
Acq: 03 Oct 2019 12:38

Tgt Ion: 43 Resp: 725

Ion Ratio Lower Upper

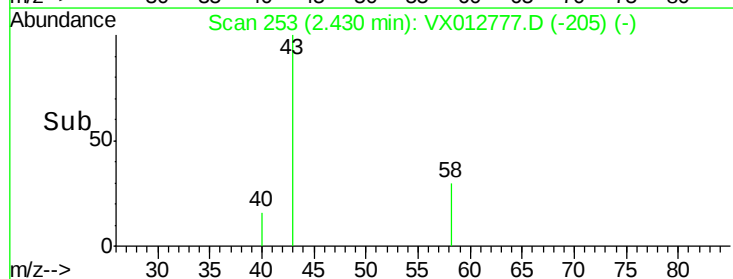
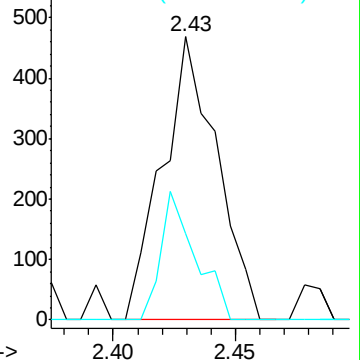
43 100

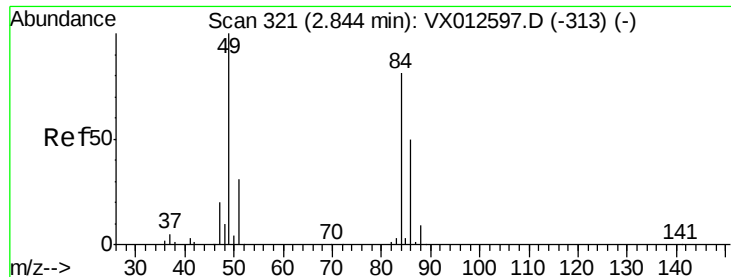
58 30.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

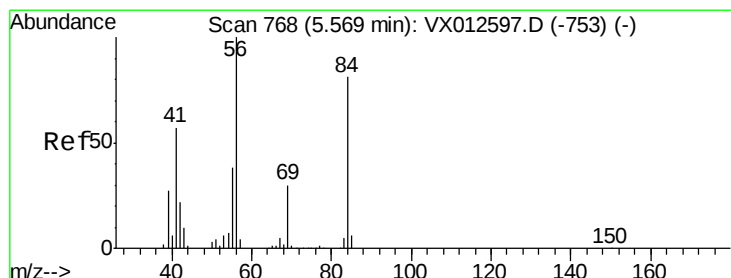
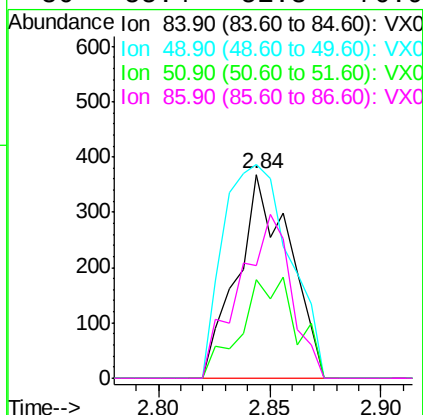
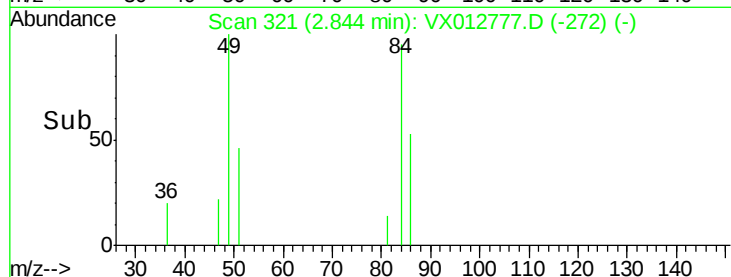
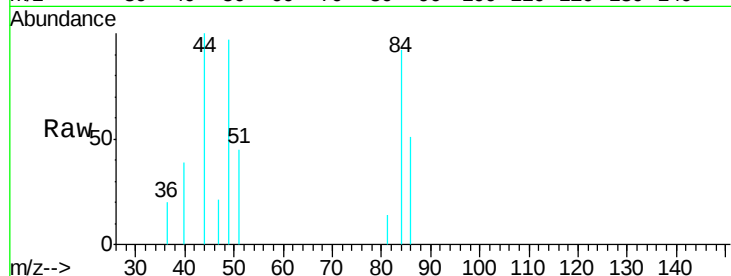




#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

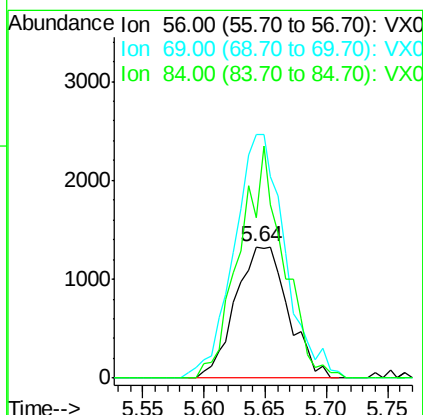
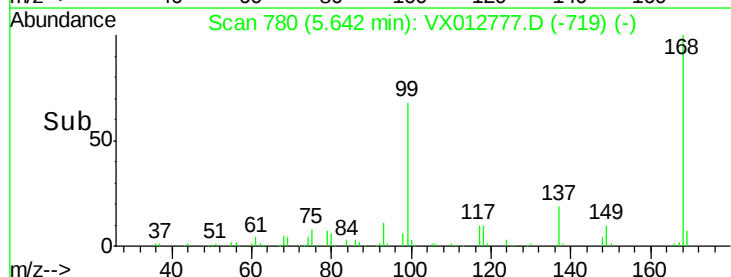
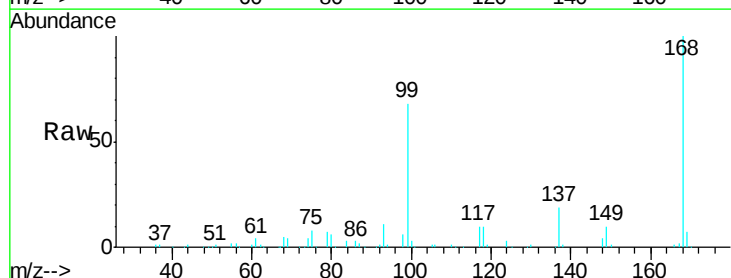
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

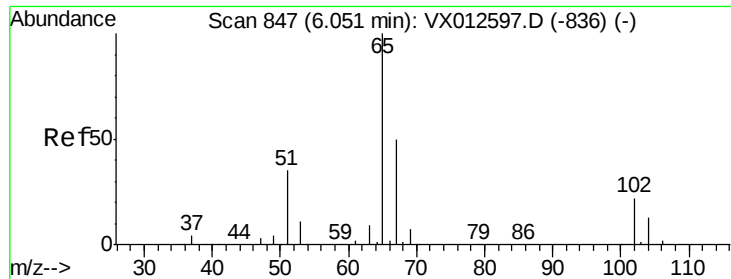
Tgt Ion: 84 Resp: 605
Ion Ratio Lower Upper
84 100
49 104.9 106.8 160.2#
51 48.6 32.3 48.5#
86 55.4 51.3 76.9



#31
Cyclohexane
Concen: 1.124 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

Tgt Ion: 56 Resp: 3959
Ion Ratio Lower Upper
56 100
69 180.7 25.0 37.6#
84 122.3 66.4 99.6#

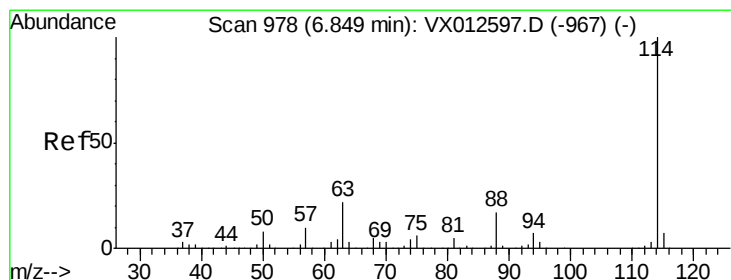
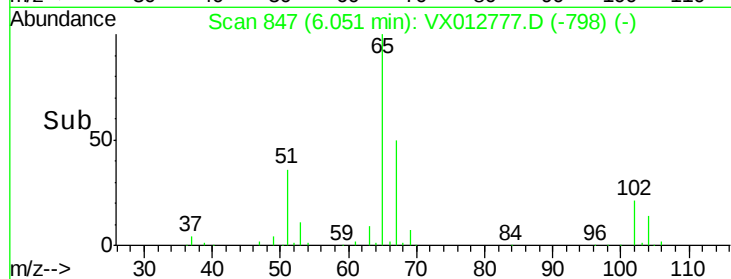
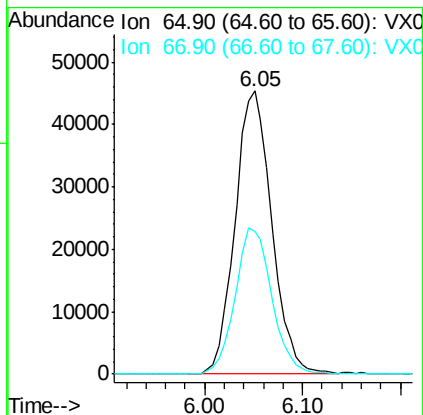
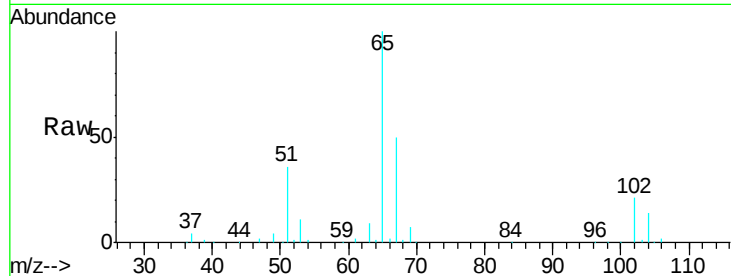




#33
 1,2-Dichloroethane-d4
 Concen: 46.549 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012777.D
 Acq: 03 Oct 2019 12:38

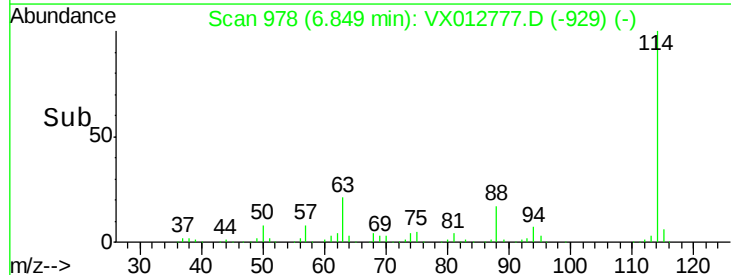
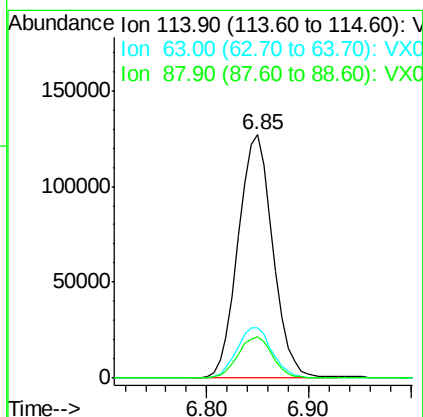
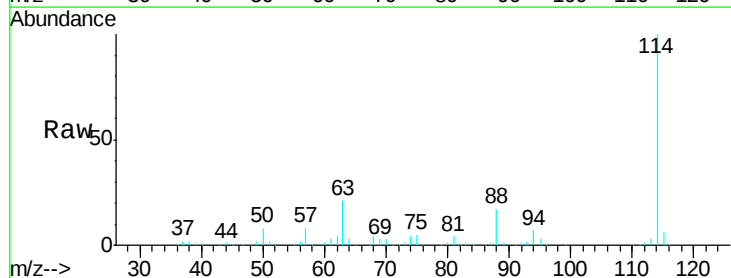
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

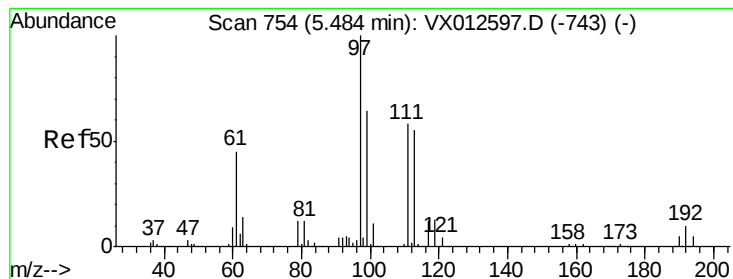
Tgt Ion: 65 Resp: 117806
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012777.D
 Acq: 03 Oct 2019 12:38

Tgt Ion: 114 Resp: 300048
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.467 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012777.D

Acq: 03 Oct 2019 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBL01

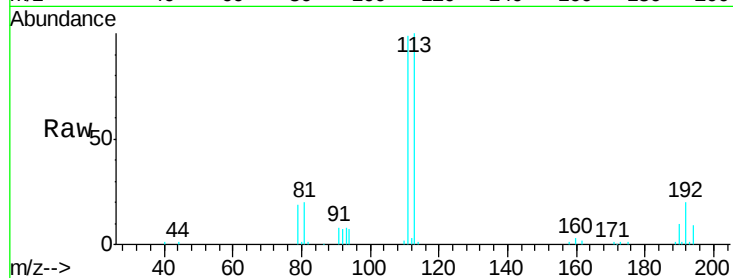
Tgt Ion:113 Resp: 90181

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

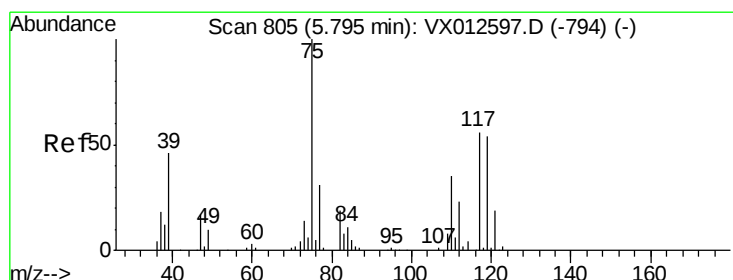
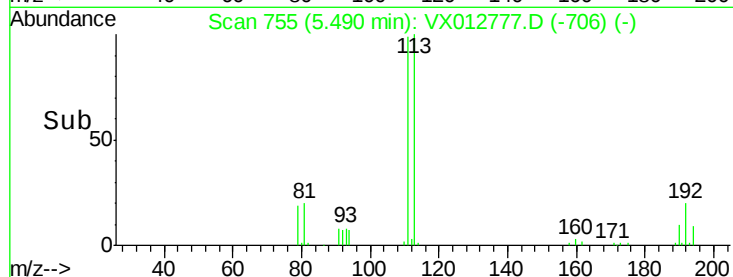
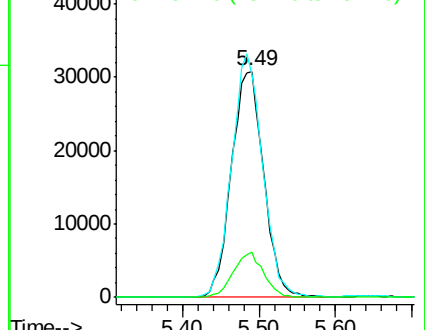
192 18.6 14.4 21.6



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: 5.047 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012777.D

Acq: 03 Oct 2019 12:38

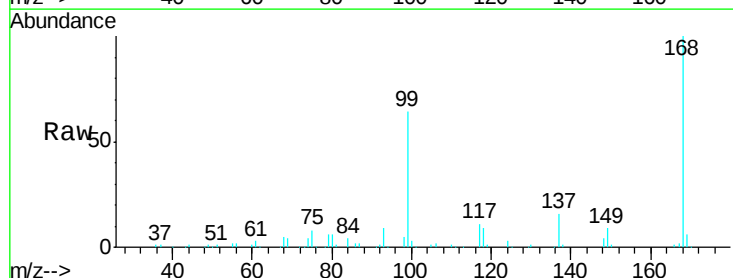
Tgt Ion: 75 Resp: 14596

Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.0#

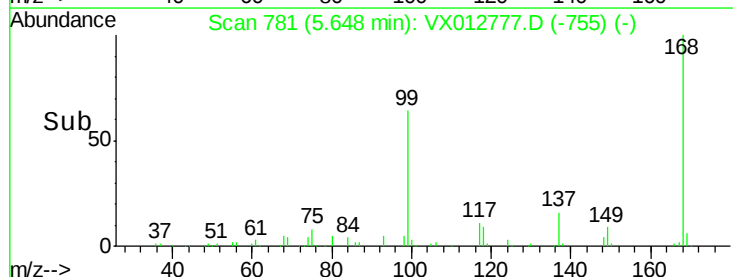
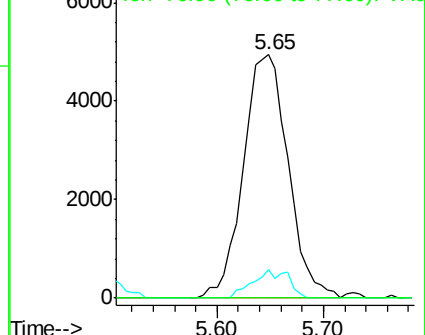
77 0.0 24.2 36.2#

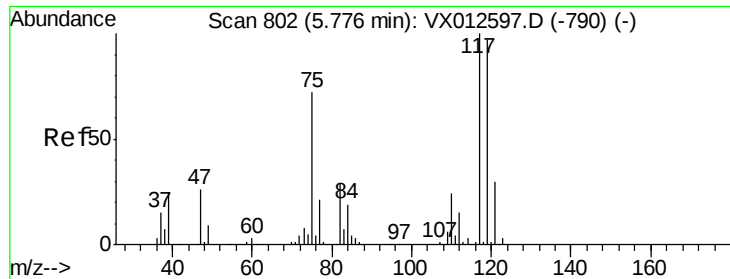


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

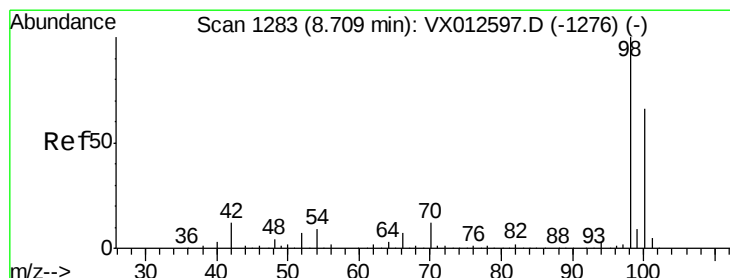
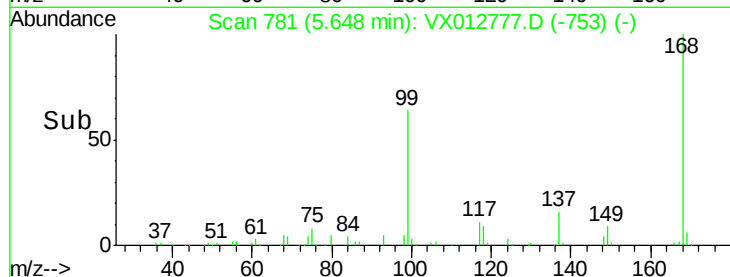
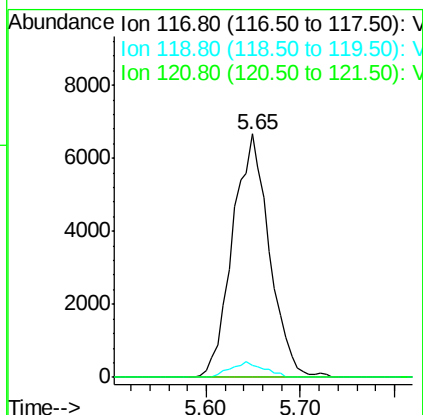
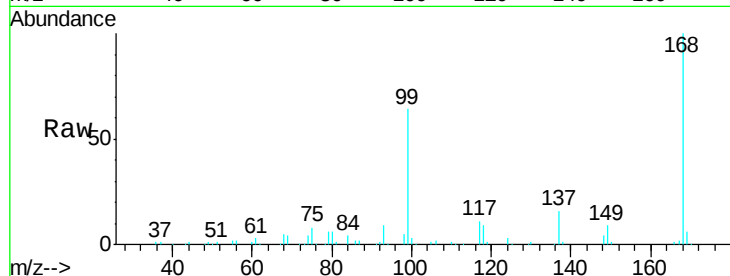




#38
Carbon Tetrachloride
Concen: 6.182 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

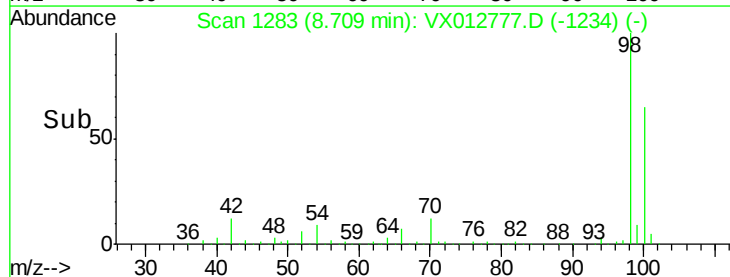
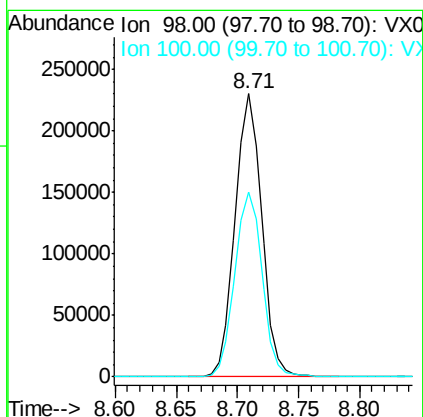
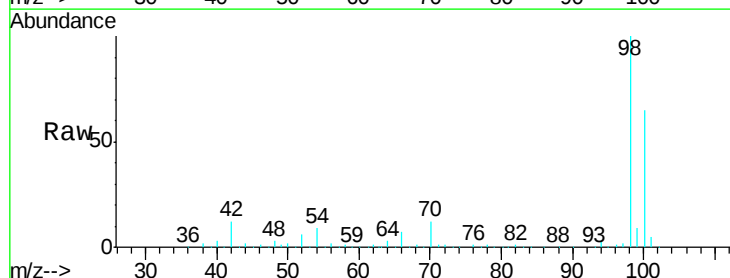
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

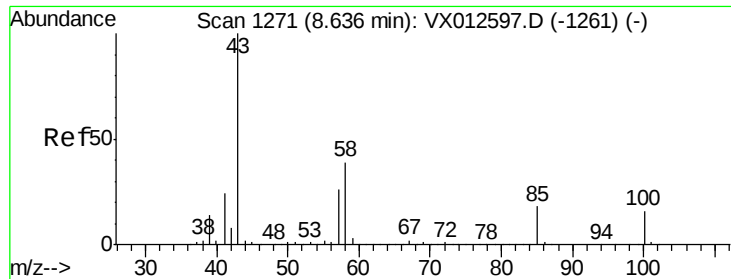
Tgt Ion:117 Resp: 18162
Ion Ratio Lower Upper
117 100
119 4.9 75.7 113.5#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.833 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

Tgt Ion: 98 Resp: 349810
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 0.451 ug/l

RT: 8.70 min Scan# 1282

Delta R.T. 0.07 min

Lab File: VX012777.D

Acq: 03 Oct 2019 12:38

Instrument :

MSVOA_X

ClientSampleId :

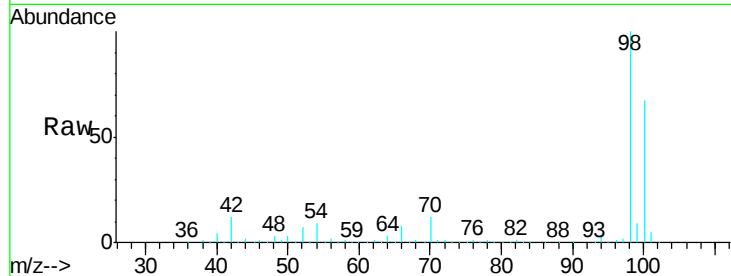
VX1003WBL01

Tgt Ion: 43 Resp: 1573

Ion Ratio Lower Upper

43 100

58 186.1 29.8 44.6#

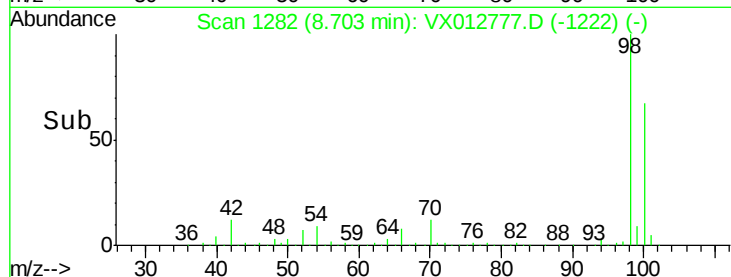


Abundance Ion 43.00 (42.70 to 43.70): VX0

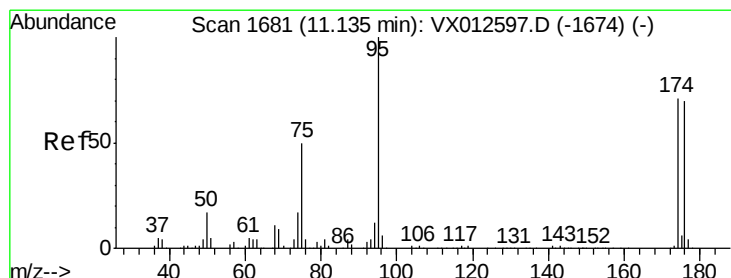
Ion 58.00 (57.70 to 58.70): VX0

8.70

8.65 8.70 8.75



Time-->



#62

4-Bromofluorobenzene

Concen: 43.666 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012777.D

Acq: 03 Oct 2019 12:38

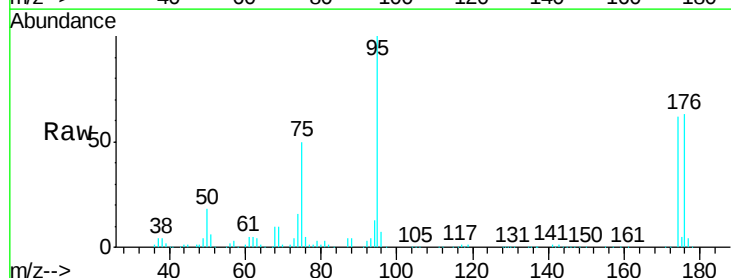
Tgt Ion: 95 Resp: 118154

Ion Ratio Lower Upper

95 100

174 69.3 0.0 140.0

176 68.4 0.0 135.4



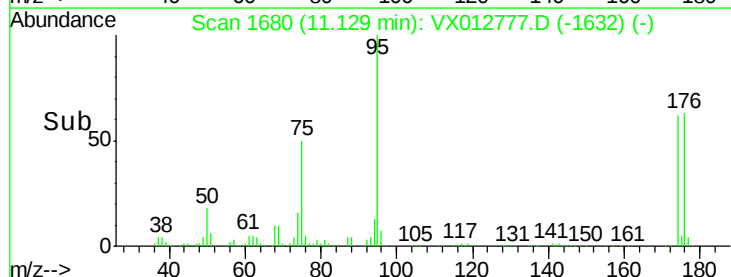
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

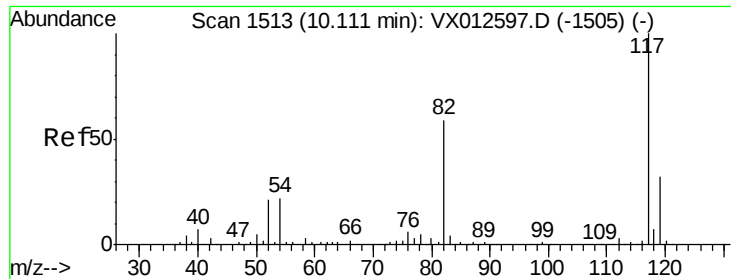
Ion 175.80 (175.50 to 176.50): V

11.13

11.10 11.20



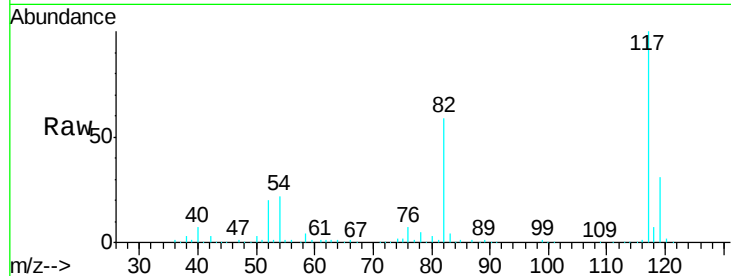
Time-->



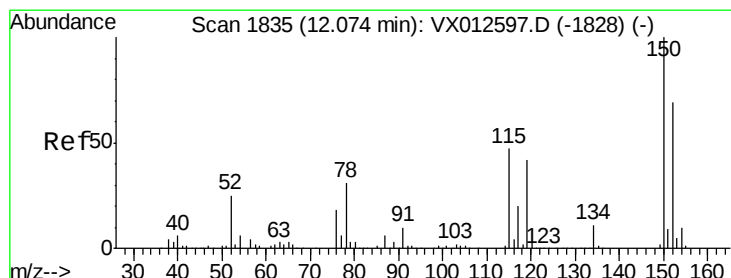
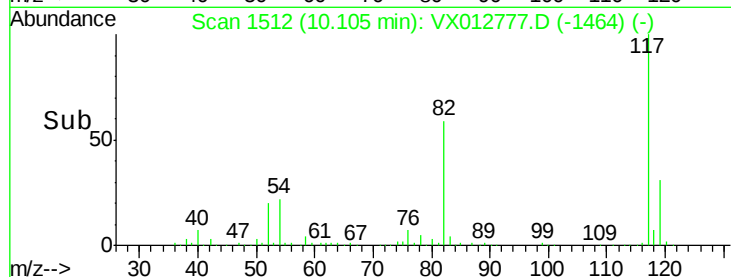
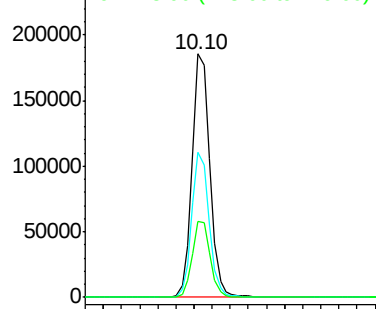
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

Tgt Ion:117 Resp: 253851
Ion Ratio Lower Upper
117 100
82 59.5 45.9 68.9
119 31.2 25.3 37.9

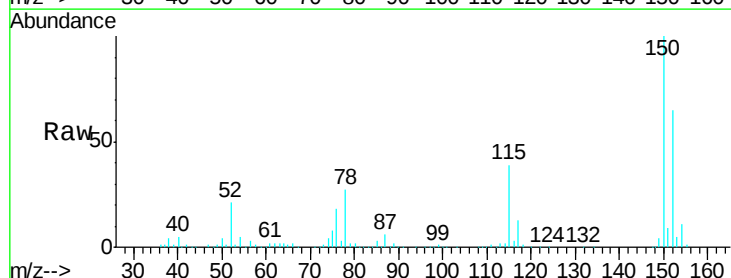


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

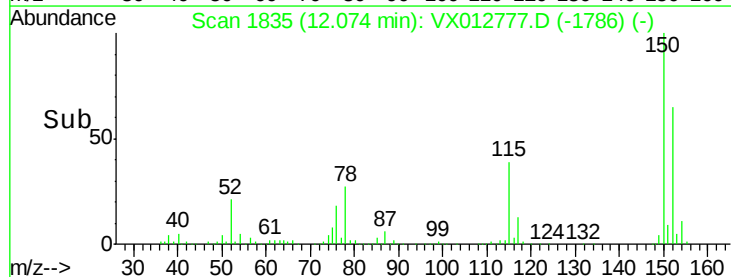
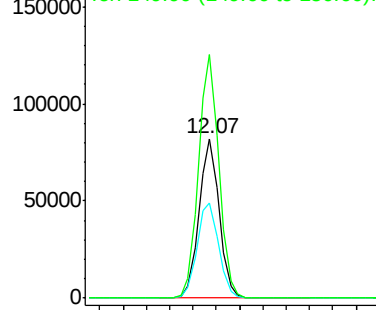


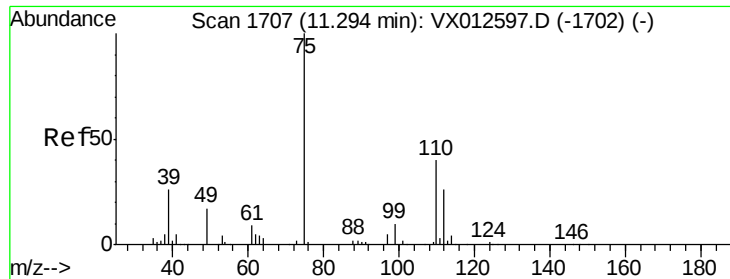
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012777.D
Acq: 03 Oct 2019 12:38

Tgt Ion:152 Resp: 98022
Ion Ratio Lower Upper
152 100
115 63.6 44.1 132.3
150 154.9 0.0 343.8



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

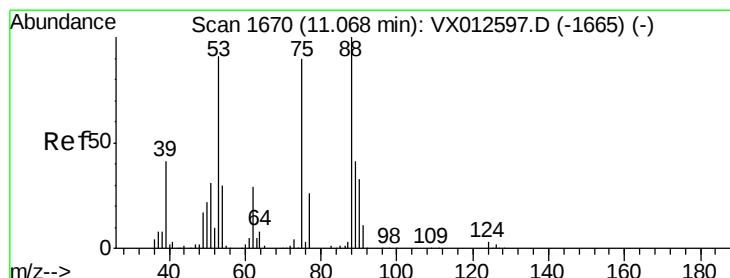
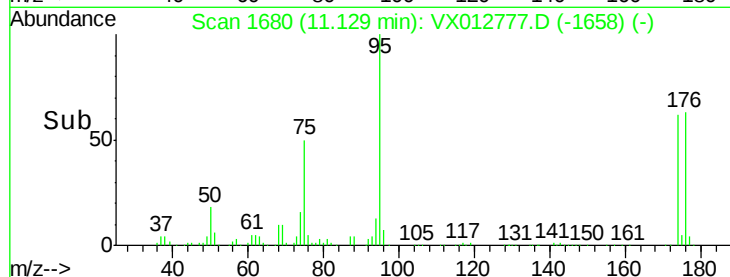
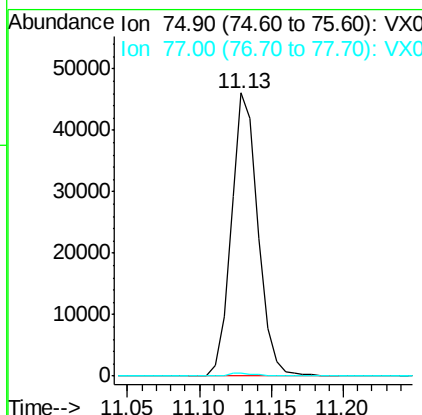
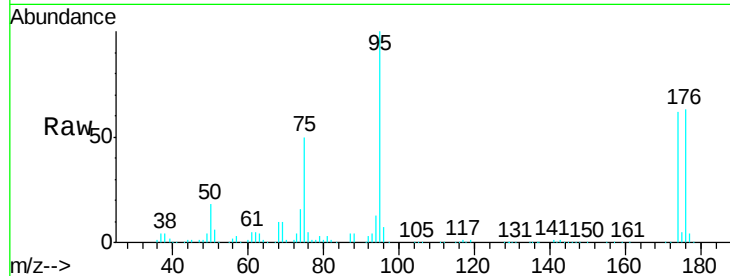




#76
 1,2,3-Trichloropropane
 Concen: 23.063 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012777.D
 Acq: 03 Oct 2019 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

Tgt Ion: 75 Resp: 59801
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.7 59.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.094 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012777.D
 Acq: 03 Oct 2019 12:38

Tgt Ion: 75 Resp: 59801
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.6 125.4#
 89 0.1 36.3 54.5#

