

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012144.D
 Acq On : 06 Sep 2019 13:19
 Operator : SY/SP
 Sample : VX0906SBL01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBL01

Quant Time: Sep 07 01:13:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96604	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	81898	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
35) Dibromofluoromethane	5.48	113	71126	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	8.71	98	299406	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	11.14	95	116412	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

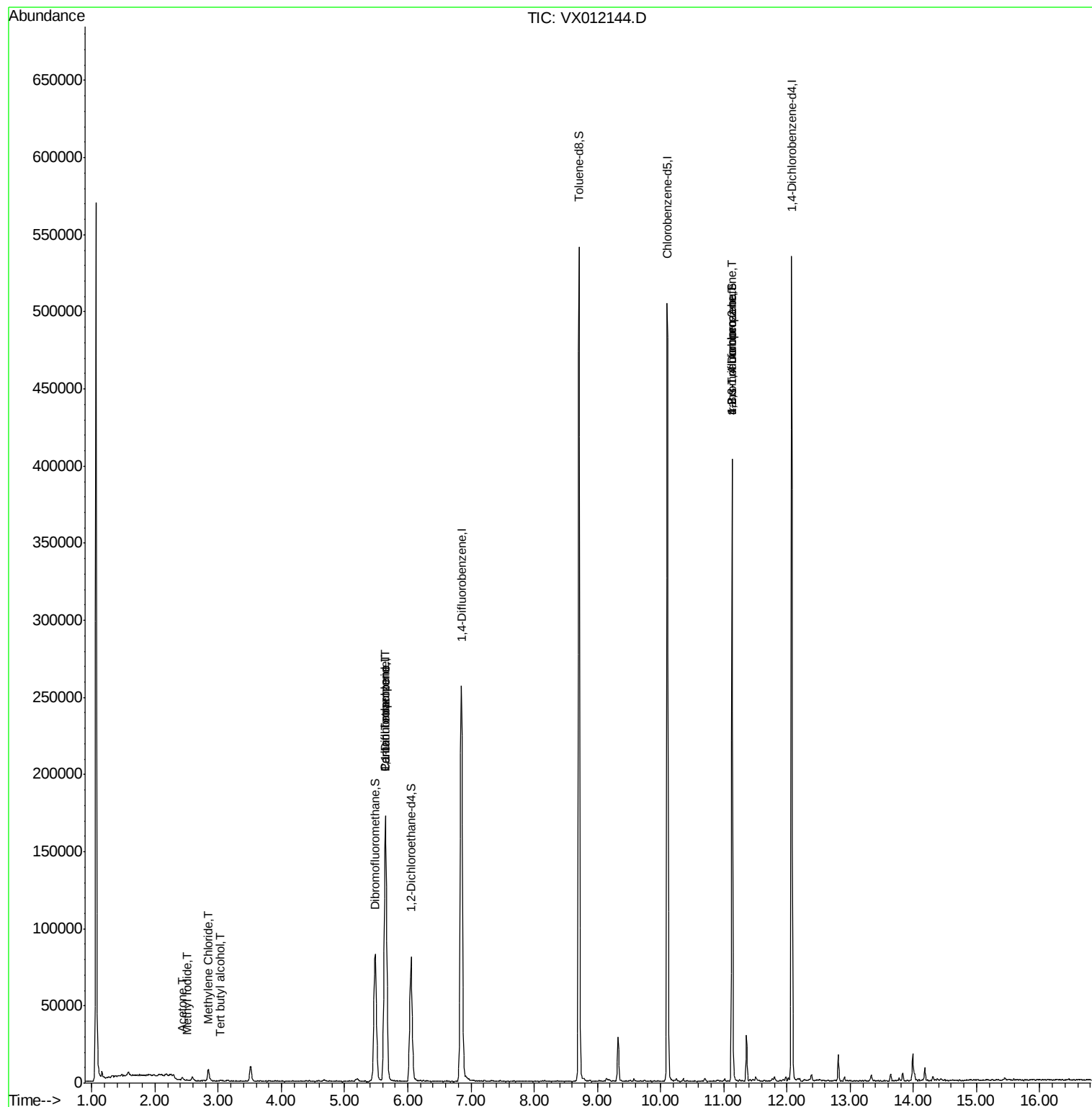
Target Compounds					Qvalue	
10) Methyl Iodide	2.51	142	237	7.125	ug/l #	87
11) Tert butyl alcohol	3.03	59	511	2.684	ug/l #	62
13) Acrolein	2.28	56	265	Below Cal	#	50
16) Acetone	2.43	43	2021	4.265	ug/l #	75
20) Methylene Chloride	2.84	84	3582	1.883	ug/l	87
36) 1,1-Dichloropropene	5.65	75	13211	6.006	ug/l #	48
38) Carbon Tetrachloride	5.64	117	17426	7.519	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	60711	51.435	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	60711	121.599	ug/l #	10

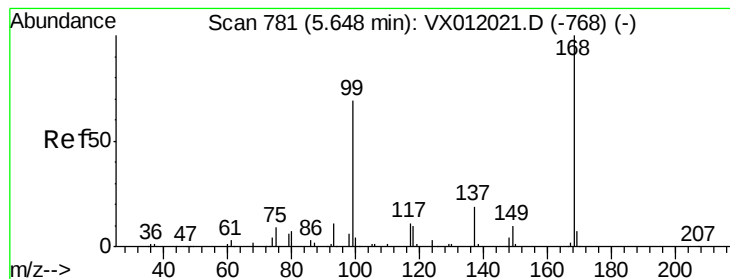
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0906SBL01

Quant Time: Sep 07 01:13:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 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: VX012144.D

Acq: 06 Sep 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

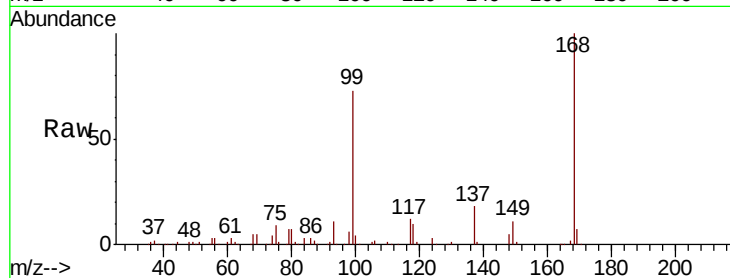
VX0906SBL01

Tgt Ion:168 Resp: 143671

Ion Ratio Lower Upper

168 100

99 72.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

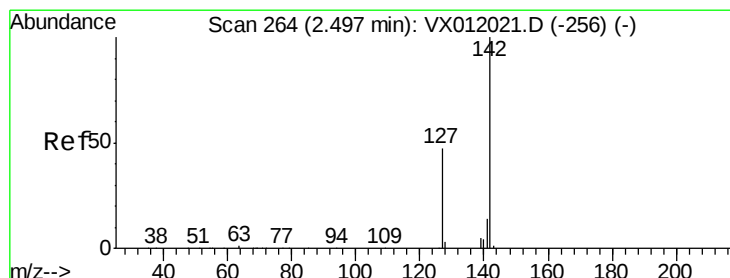
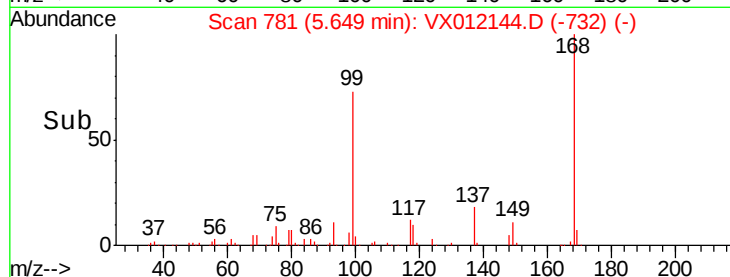
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 7.125 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012144.D

Acq: 06 Sep 2019 13:19

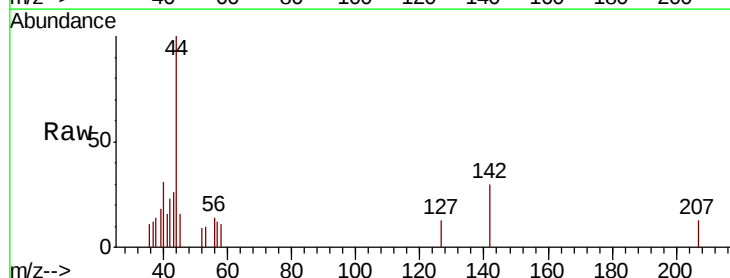
Tgt Ion:142 Resp: 237

Ion Ratio Lower Upper

142 100

127 51.9 35.4 53.2

141 8.0 11.4 17.2#



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

200

150

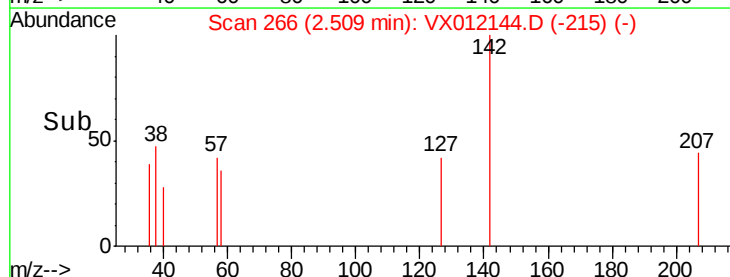
100

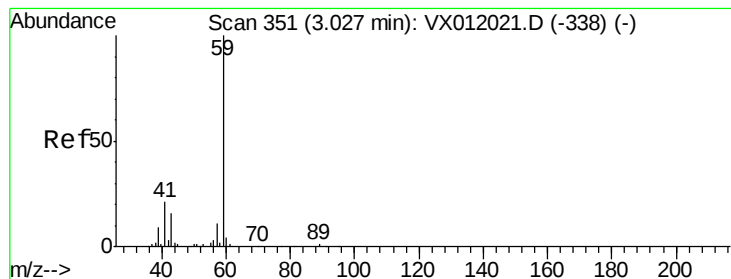
50

0

Time-->

2.48 2.50 2.52 2.54



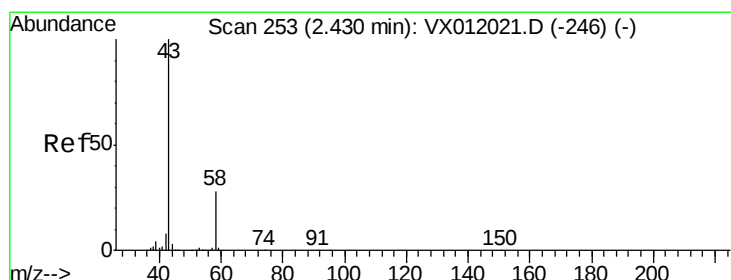
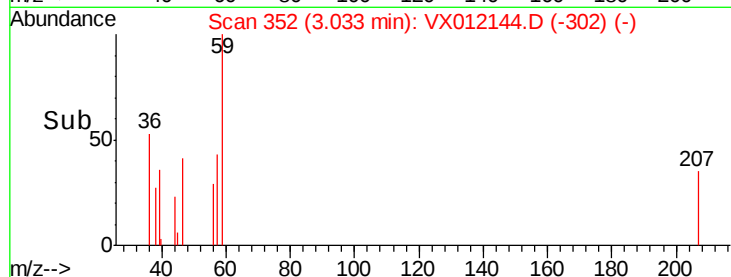
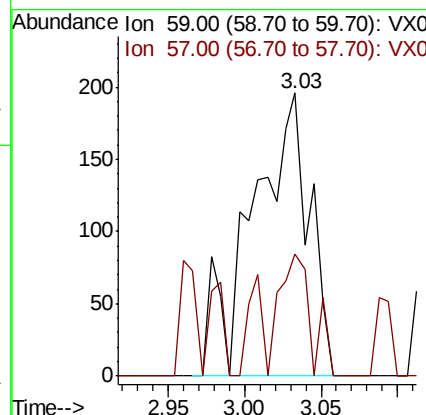
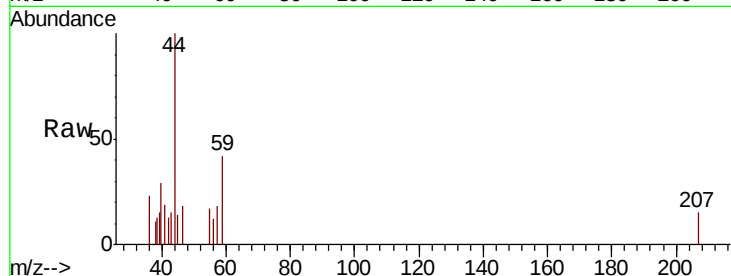


#11

Tert butyl alcohol
 Concen: 2.684 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012144.D
 Acq: 06 Sep 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBL01

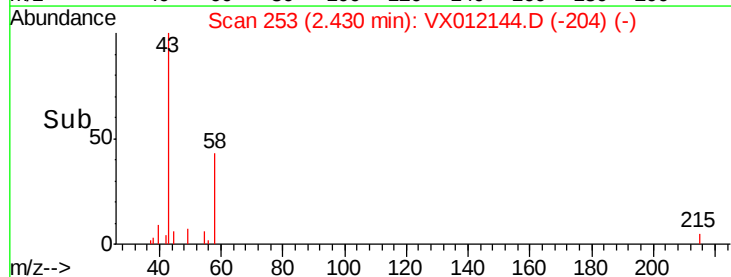
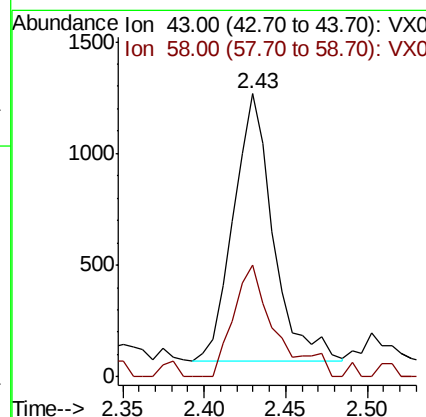
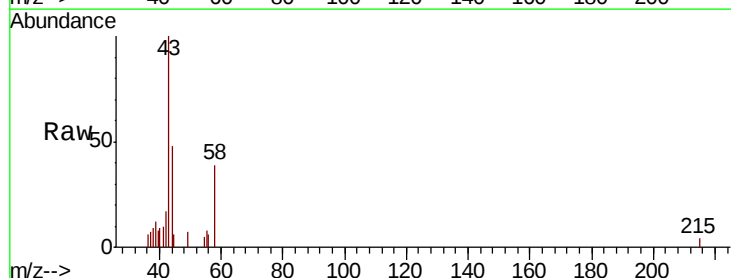
Tgt Ion: 59 Resp: 511
 Ion Ratio Lower Upper
 59 100
 57 24.1 7.9 11.9#

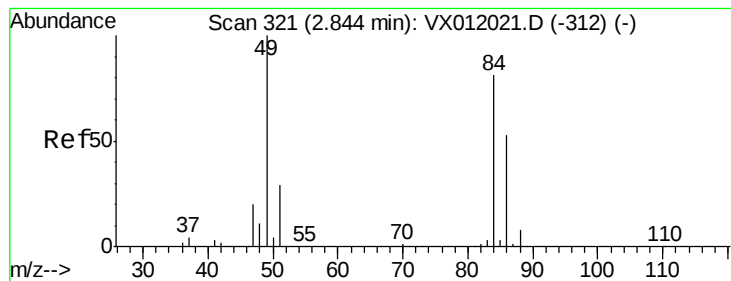


#16

Acetone
 Concen: 4.265 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012144.D
 Acq: 06 Sep 2019 13:19

Tgt Ion: 43 Resp: 2021
 Ion Ratio Lower Upper
 43 100
 58 41.7 22.8 34.2#





#20

Methylene Chloride

Concen: 1.883 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012144.D

Acq: 06 Sep 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBL01

Tgt Ion: 84 Resp: 3582

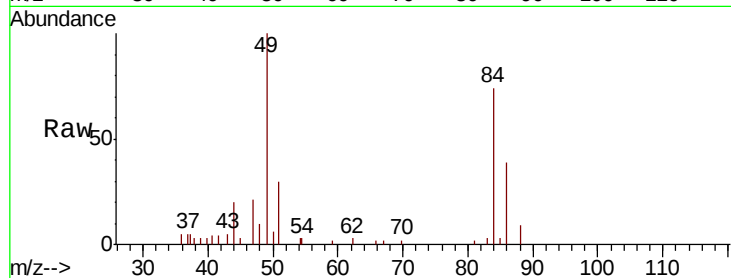
Ion Ratio Lower Upper

84 100

49 135.4 95.8 143.8

51 40.6 28.6 43.0

86 53.3 50.9 76.3

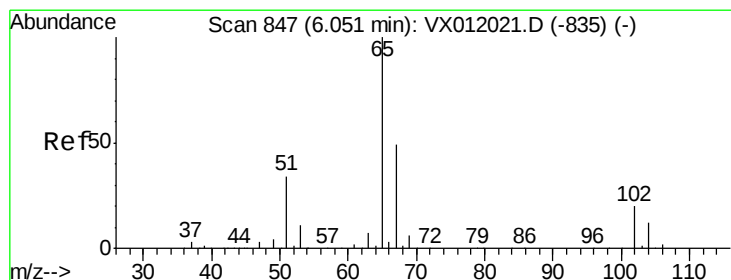
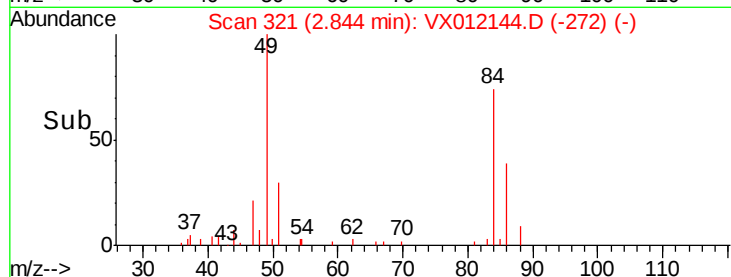
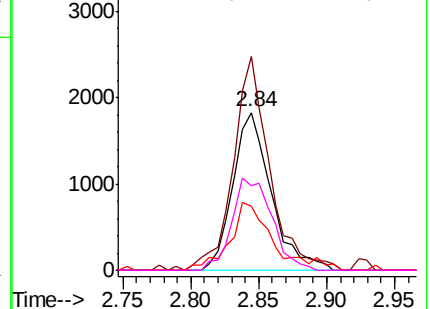


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 41.313 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012144.D

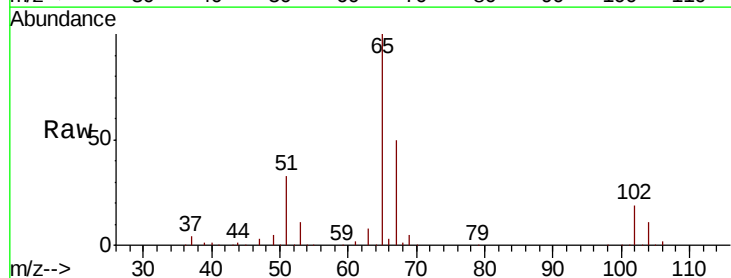
Acq: 06 Sep 2019 13:19

Tgt Ion: 65 Resp: 81898

Ion Ratio Lower Upper

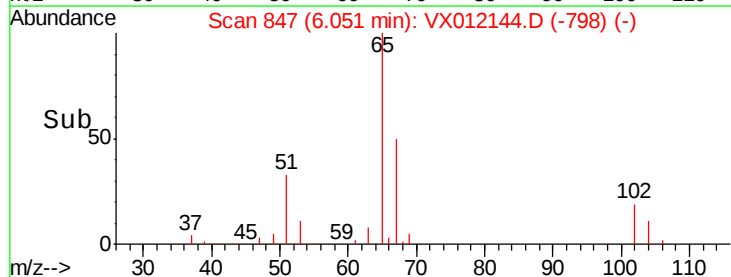
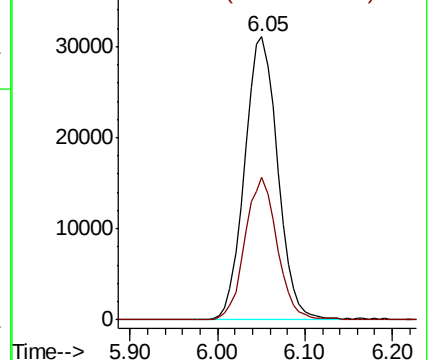
65 100

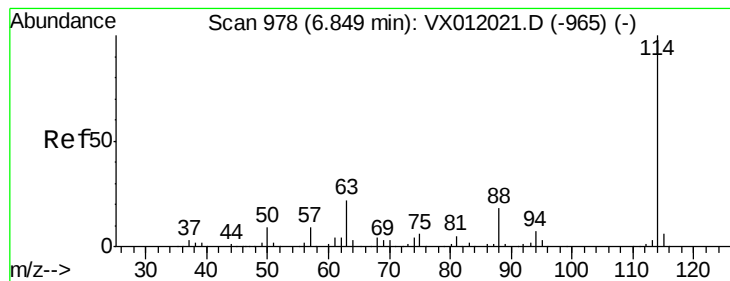
67 49.0 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012144.D

Acq: 06 Sep 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBL01

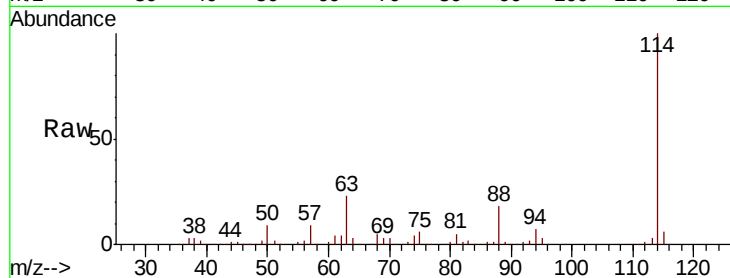
Tgt Ion:114 Resp: 249727

Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.4

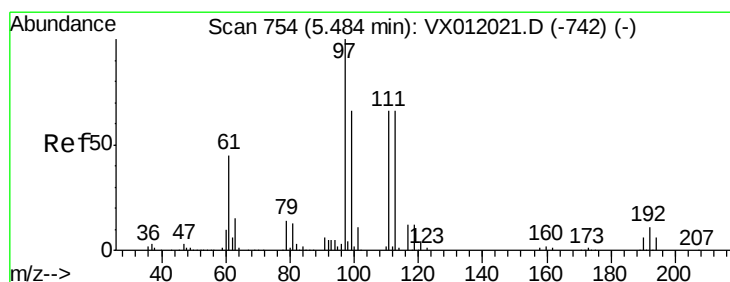
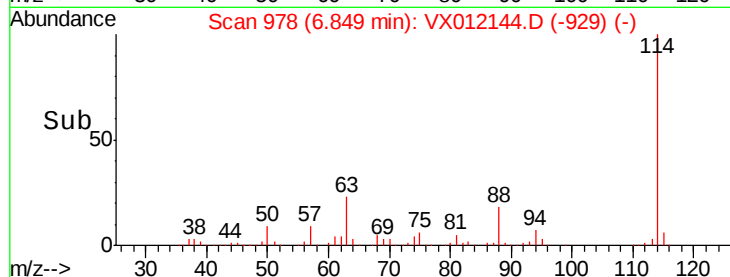
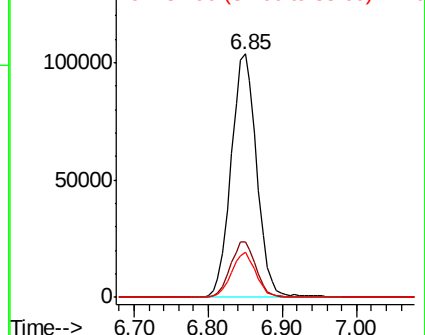
88 18.3 0.0 29.6



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: 46.314 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012144.D

Acq: 06 Sep 2019 13:19

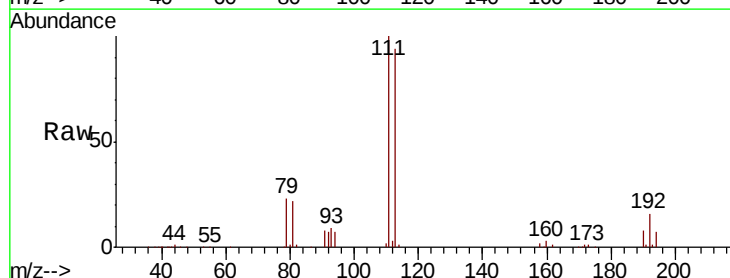
Tgt Ion:113 Resp: 71126

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

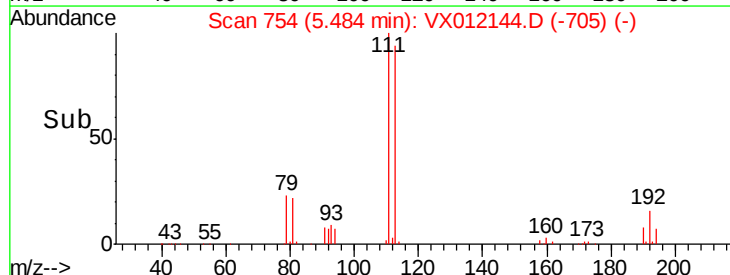
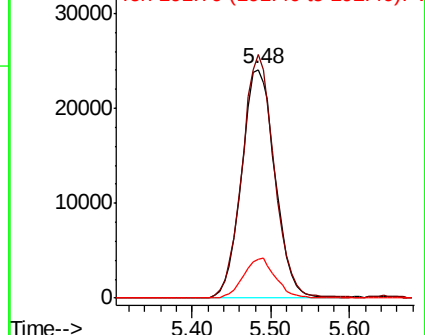
192 16.8 22.5 33.7#

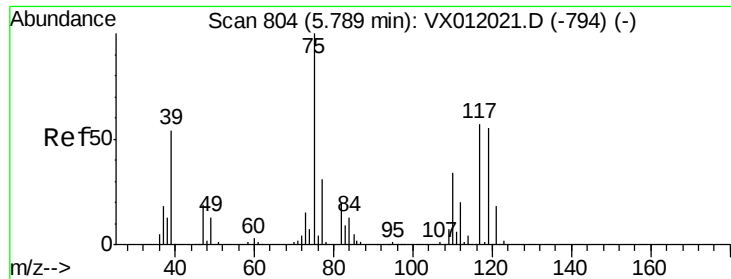


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

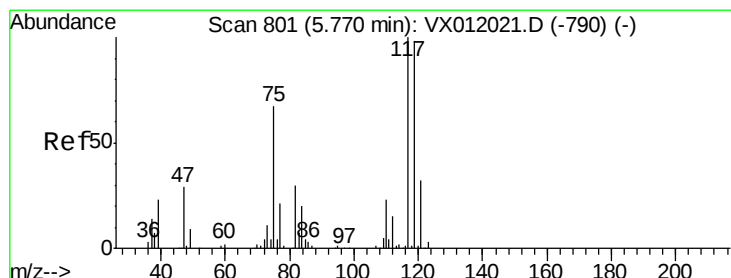
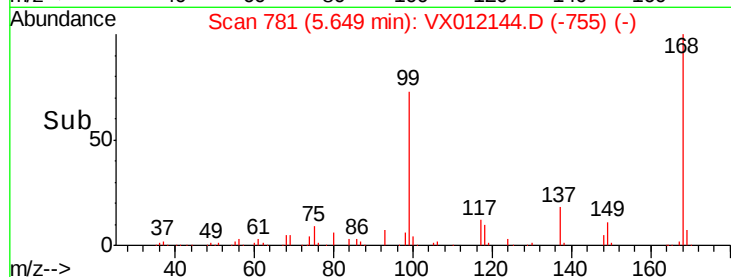
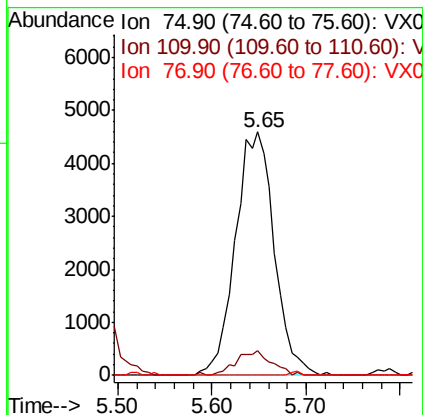
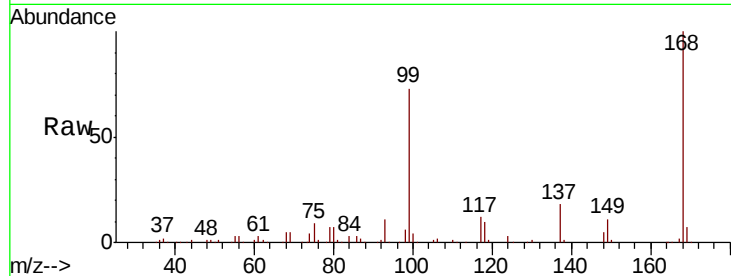




#36
 1,1-Dichloropropene
 Concen: 6.006 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012144.D
 Acq: 06 Sep 2019 13:19

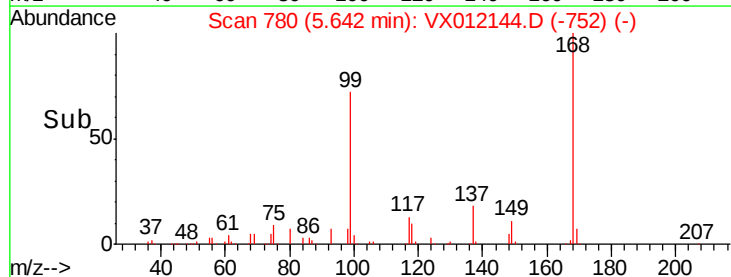
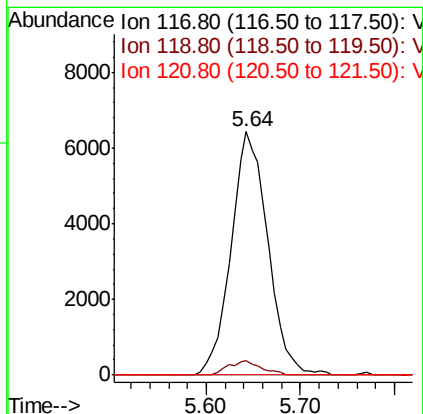
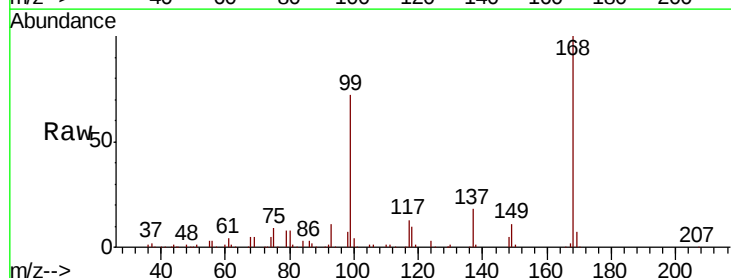
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBL01

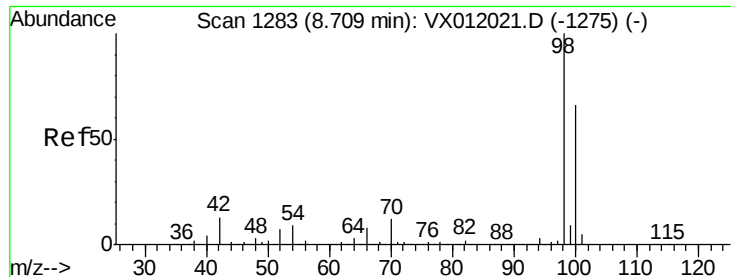
Tgt Ion: 75 Resp: 13211
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.519 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012144.D
 Acq: 06 Sep 2019 13:19

Tgt Ion: 117 Resp: 17426
 Ion Ratio Lower Upper
 117 100
 119 5.8 78.3 117.5#
 121 0.0 24.2 36.2#

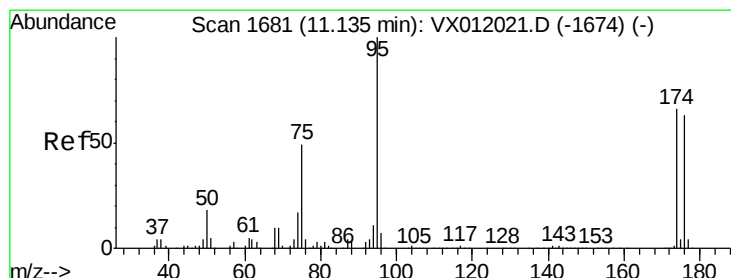
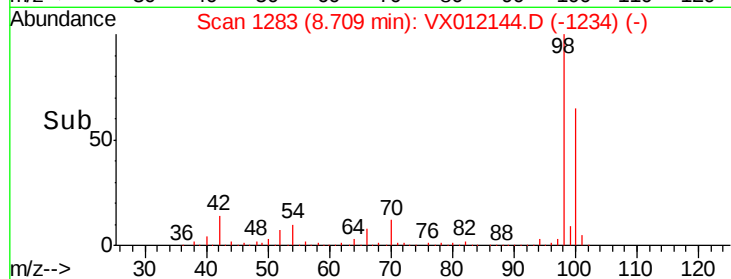
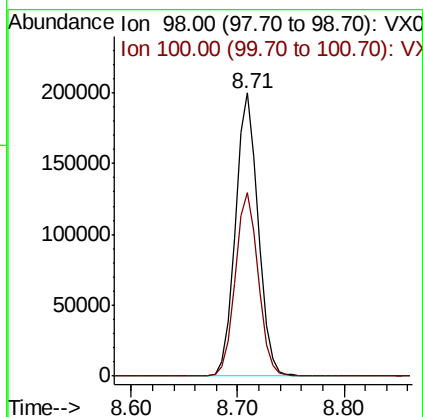
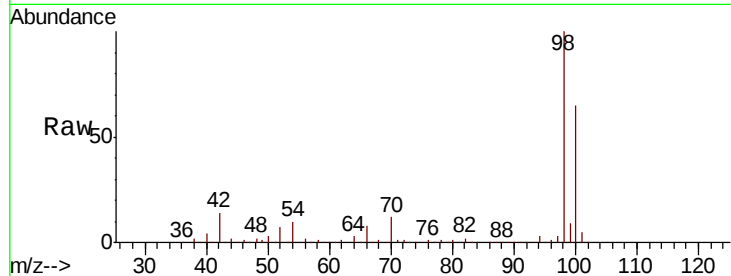




#50
Toluene-d8
Concen: 53.129 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012144.D
Acq: 06 Sep 2019 13:19

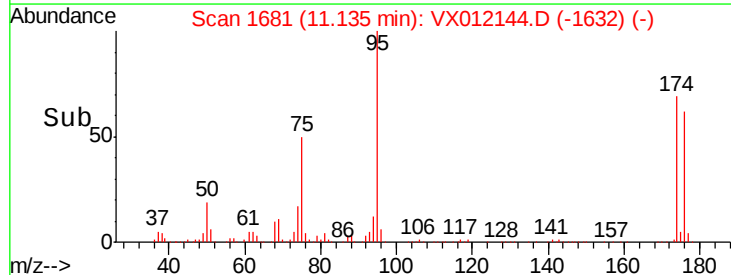
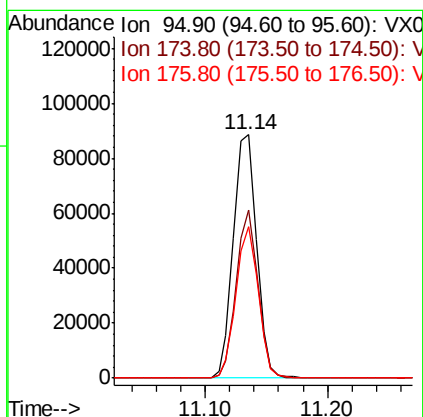
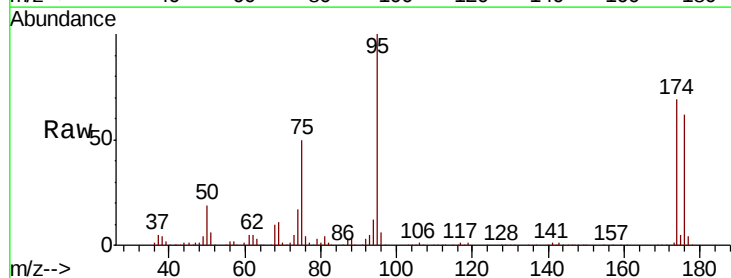
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBL01

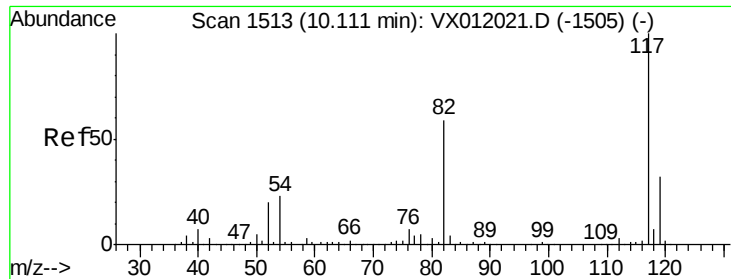
Tgt Ion: 98 Resp: 299406
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.418 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012144.D
Acq: 06 Sep 2019 13:19

Tgt Ion: 95 Resp: 116412
Ion Ratio Lower Upper
95 100
174 64.6 0.0 205.4
176 59.8 0.0 201.8

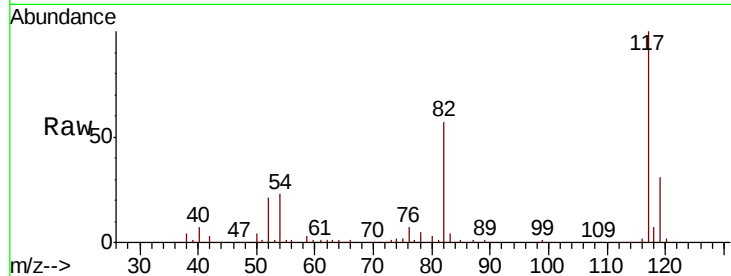




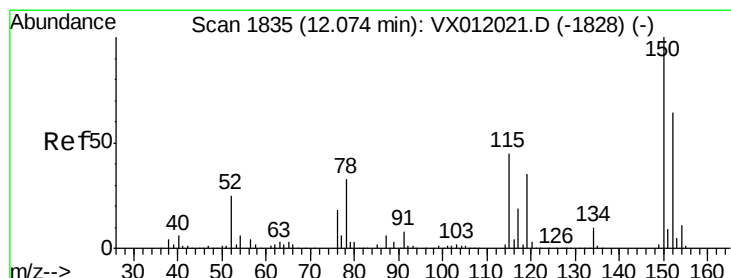
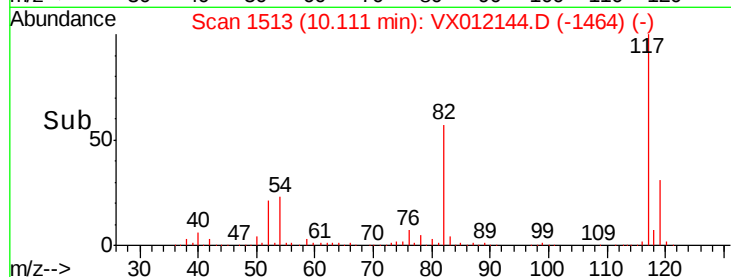
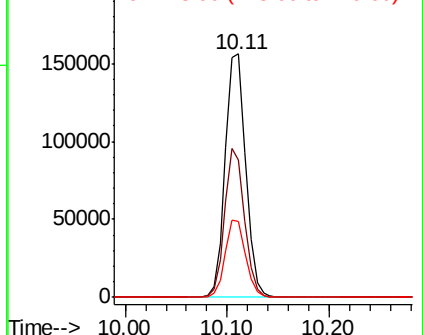
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012144.D
Acq: 06 Sep 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0906SBL01

Tgt Ion:117 Resp: 218071
Ion Ratio Lower Upper
117 100
82 56.7 39.4 59.0
119 31.4 26.1 39.1

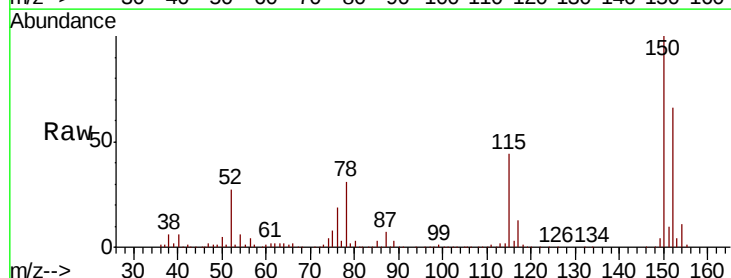


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

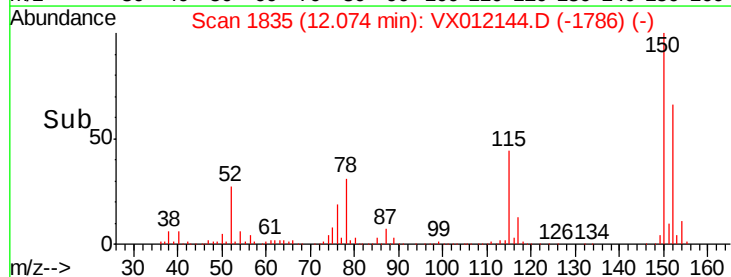
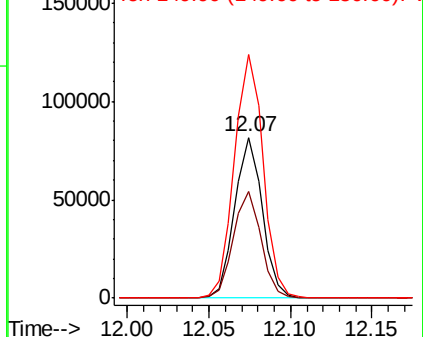


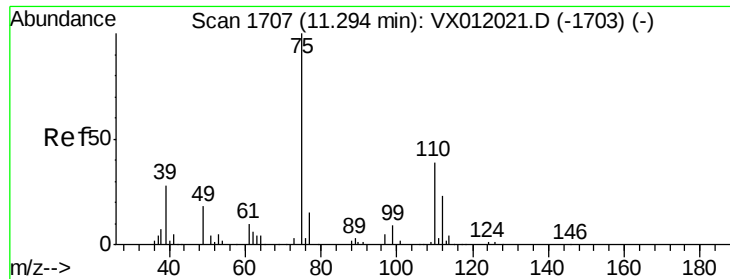
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012144.D
Acq: 06 Sep 2019 13:19

Tgt Ion:152 Resp: 96604
Ion Ratio Lower Upper
152 100
115 66.3 36.4 109.3
150 157.6 0.0 341.2



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: 51.435 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012144.D

Acq: 06 Sep 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

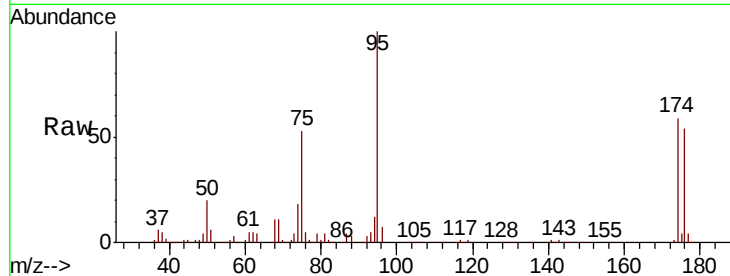
VX0906SBL01

Tgt Ion: 75 Resp: 60711

Ion Ratio Lower Upper

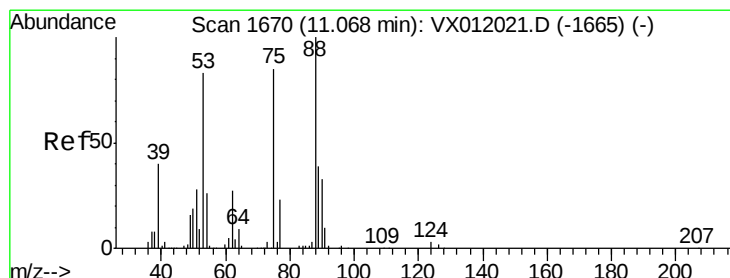
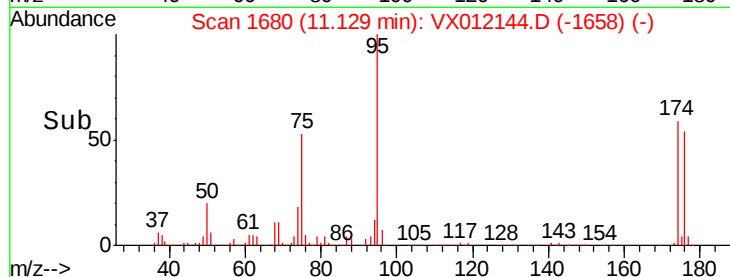
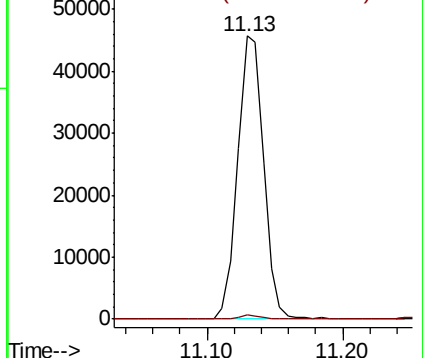
75 100

77 1.2 23.5 70.5#



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: 121.599 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012144.D

Acq: 06 Sep 2019 13:19

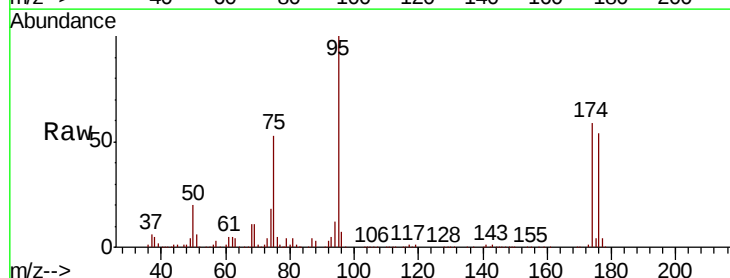
Tgt Ion: 75 Resp: 60711

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

89 0.1 38.8 58.2#



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

