

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012159.D
 Acq On : 06 Sep 2019 20:20
 Operator : SY/SP
 Sample : K4601-16
 Misc : 5.54g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F2-(2.7)

Quant Time: Sep 07 01:16:58 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	144482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	253913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81397	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	100846	50.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.18%	
35) Dibromofluoromethane	5.48	113	75534	48.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	292645	51.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.14	95	110719	41.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.10%	

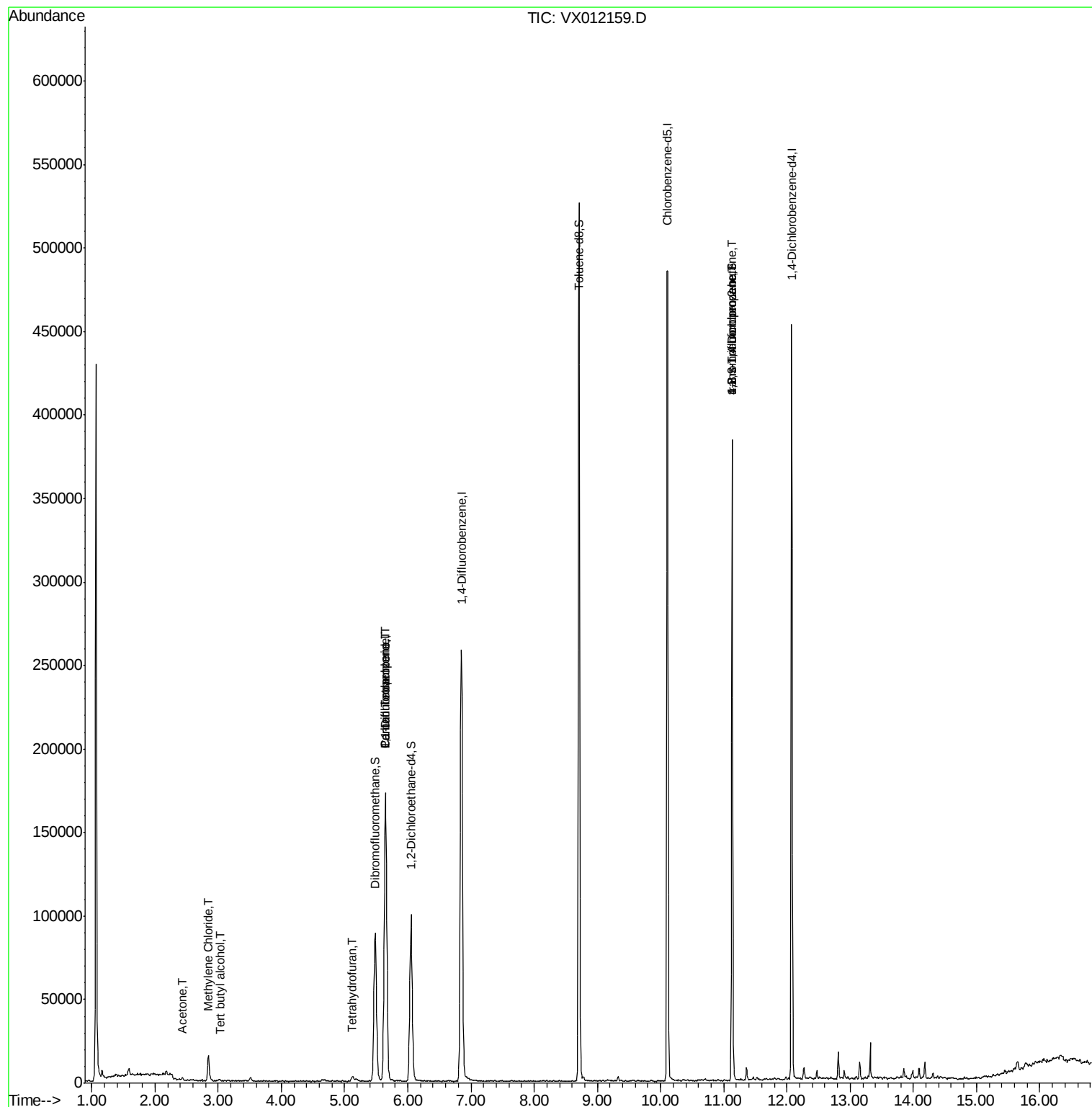
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	777	4.058	ug/l #	93
13) Acrolein	2.28	56	154	Below Cal		97
16) Acetone	2.43	43	1773	3.721	ug/l #	58
20) Methylene Chloride	2.85	84	7308	3.819	ug/l	95
29) Tetrahydrofuran	5.12	42	2541	6.953	ug/l #	79
36) 1,1-Dichloropropene	5.65	75	13605	6.084	ug/l #	40
38) Carbon Tetrachloride	5.65	117	16722	7.096	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	57384	57.699	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	57384	136.408	ug/l #	10

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

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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: VX012159.D

Acq: 06 Sep 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

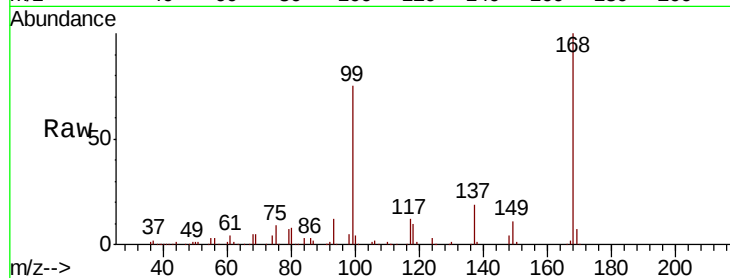
T12-F2-(2.7)

Tgt Ion:168 Resp: 144482

Ion Ratio Lower Upper

168 100

99 74.7 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

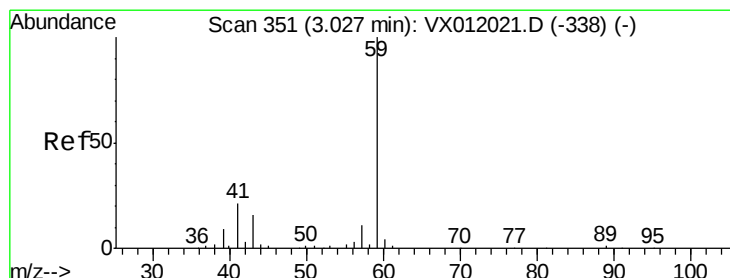
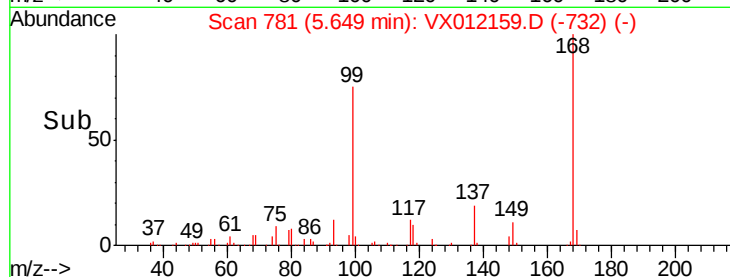
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 4.058 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX012159.D

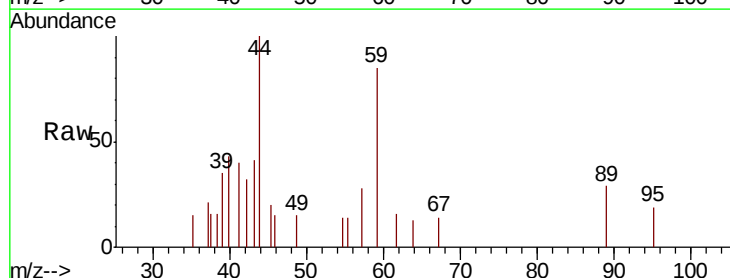
Acq: 06 Sep 2019 20:20

Tgt Ion: 59 Resp: 777

Ion Ratio Lower Upper

59 100

57 7.2 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

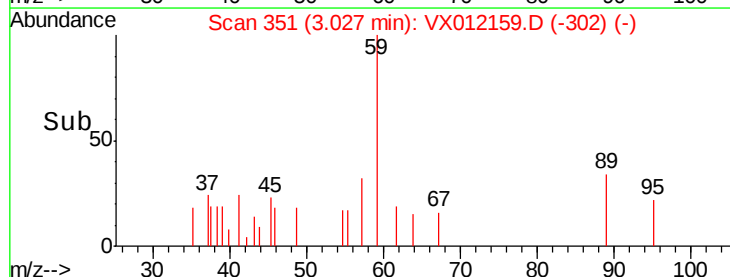
300

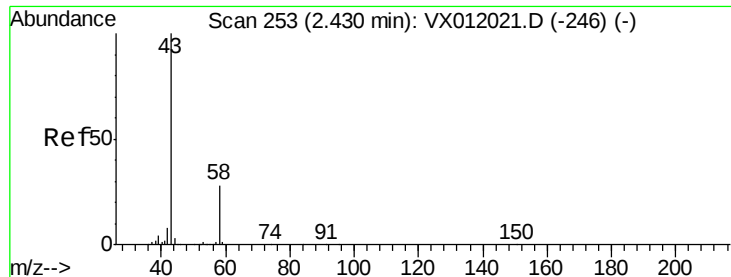
200

100

0

Time--> 2.95 3.00 3.05 3.10

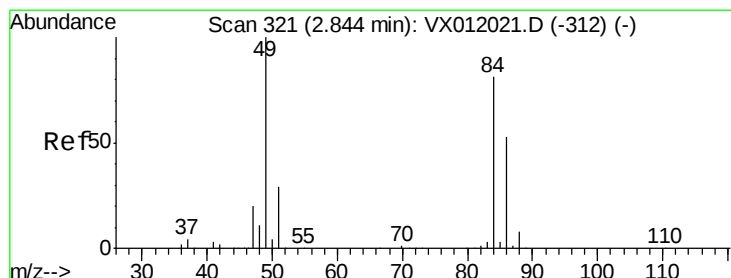
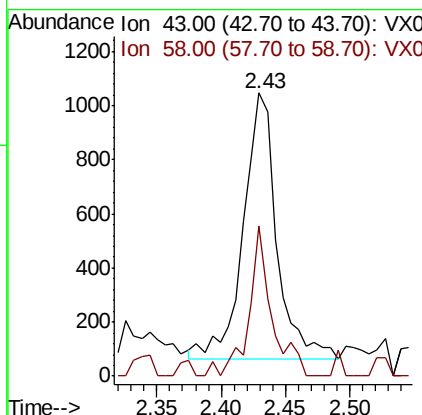
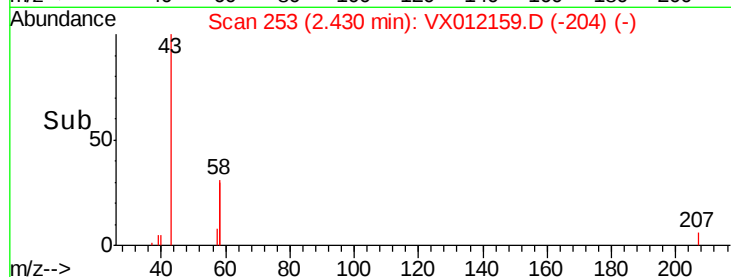
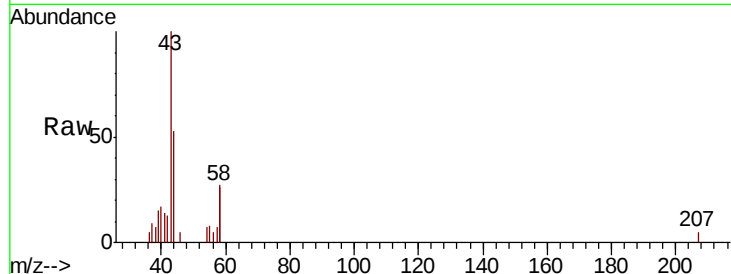




#16
Acetone
Concen: 3.721 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012159.D
Acq: 06 Sep 2019 20:20

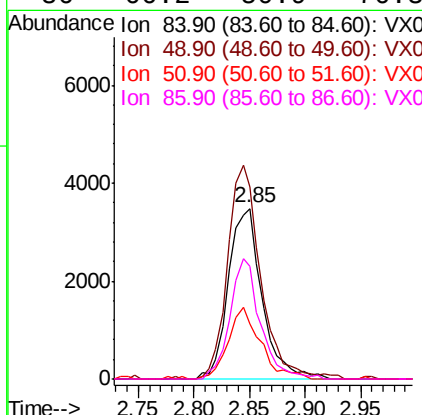
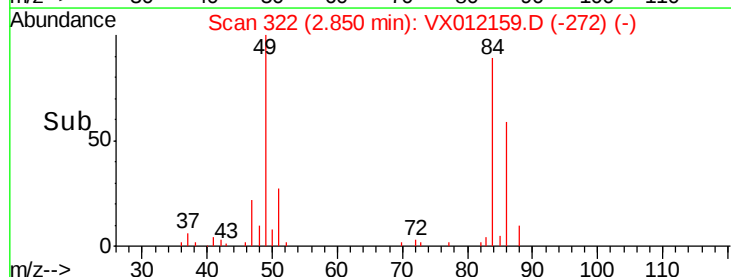
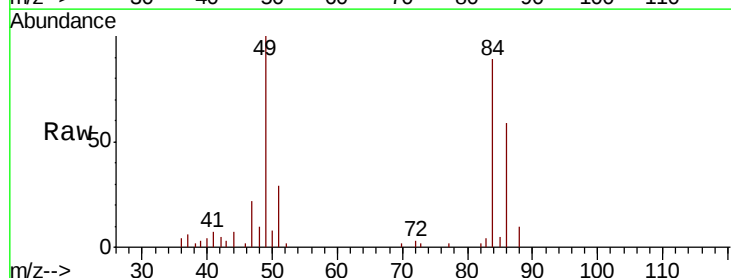
Instrument :
MSVOA_X
ClientSampleId :
T12-F2-(2.7)

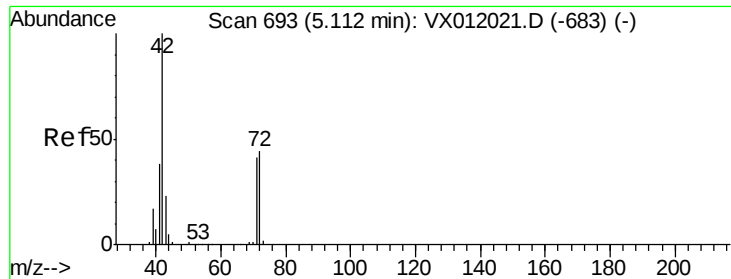
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 50.6 22.8 34.2#



#20
Methylene Chloride
Concen: 3.819 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012159.D
Acq: 06 Sep 2019 20:20

Tgt Ion: 84 Resp: 7308
Ion Ratio Lower Upper
84 100
49 112.6 95.8 143.8
51 32.5 28.6 43.0
86 66.2 50.9 76.3

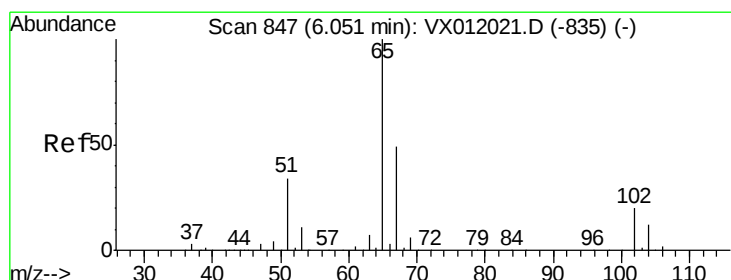
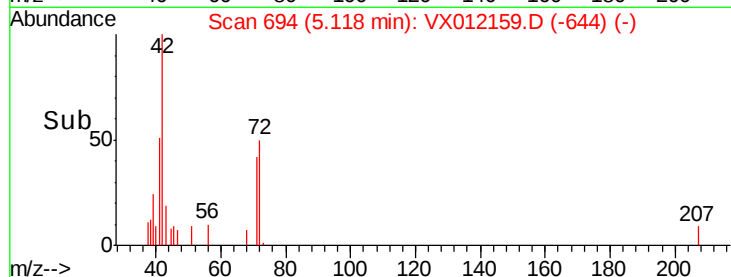
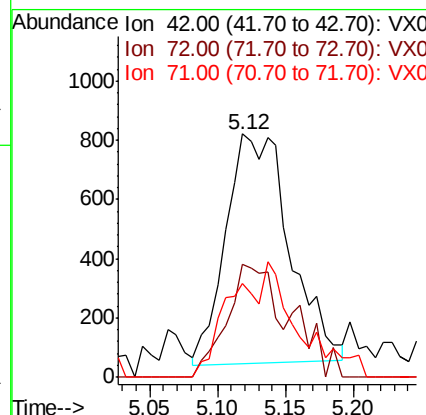
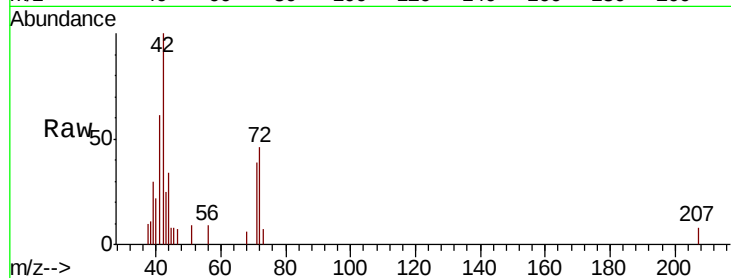




#29
Tetrahydrofuran
Concen: 6.953 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012159.D
Acq: 06 Sep 2019 20:20

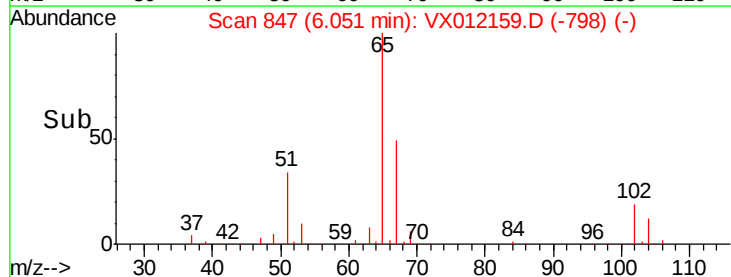
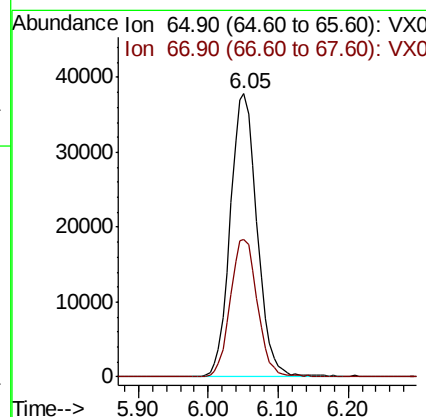
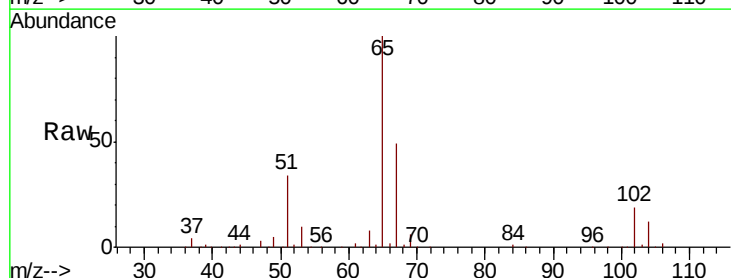
Instrument :
MSVOA_X
ClientSampleId :
T12-F2-(2.7)

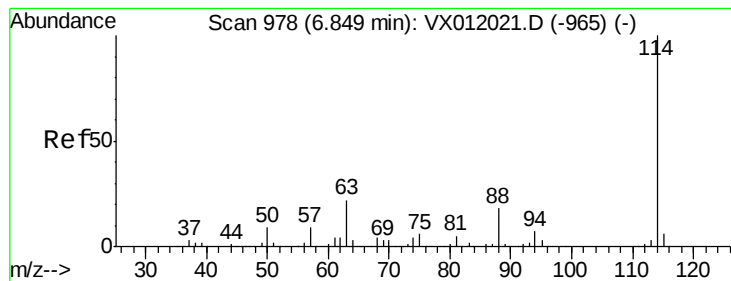
Tgt Ion: 42 Resp: 2541
Ion Ratio Lower Upper
42 100
72 36.4 37.0 55.4#
71 24.7 33.8 50.8#



#33
1,2-Dichloroethane-d4
Concen: 50.586 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012159.D
Acq: 06 Sep 2019 20:20

Tgt Ion: 65 Resp: 100846
Ion Ratio Lower Upper
65 100
67 49.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012159.D

Acq: 06 Sep 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

T12-F2-(2.7)

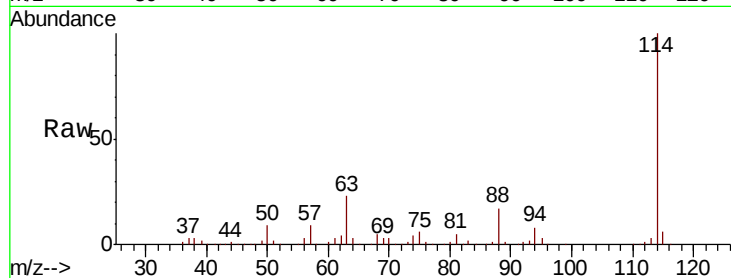
Tgt Ion:114 Resp: 253913

Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.4

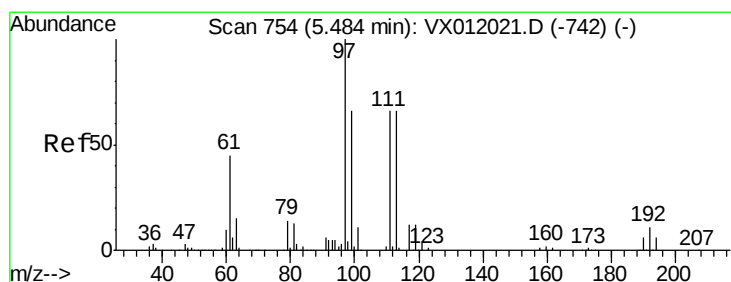
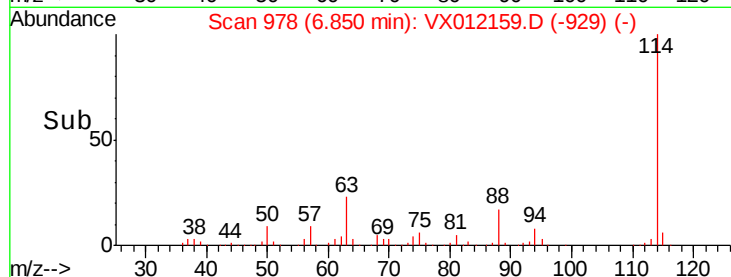
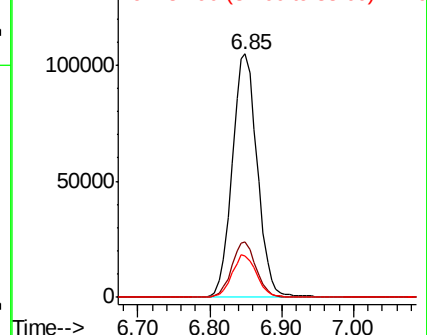
88 16.9 0.0 29.6



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: 48.373 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012159.D

Acq: 06 Sep 2019 20:20

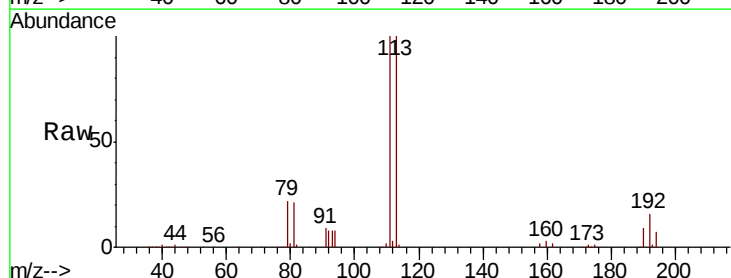
Tgt Ion:113 Resp: 75534

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

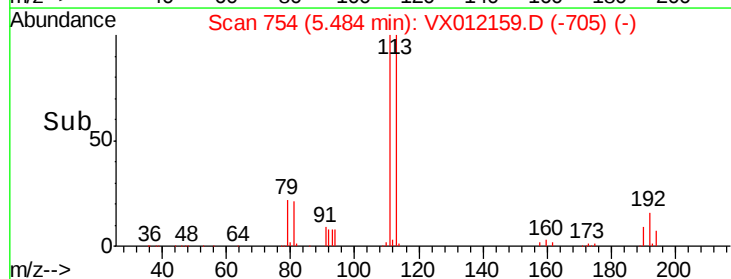
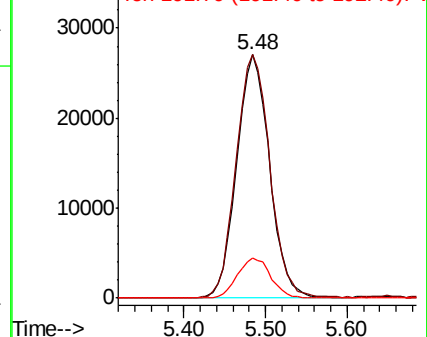
192 16.7 22.5 33.7#

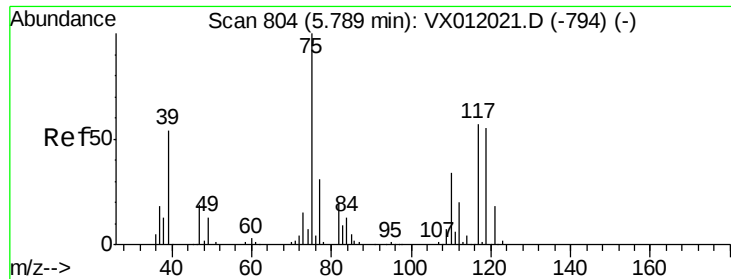


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

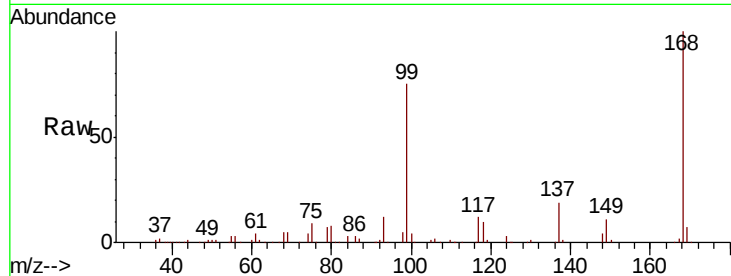




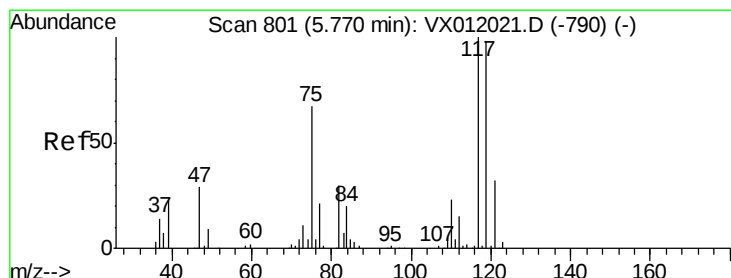
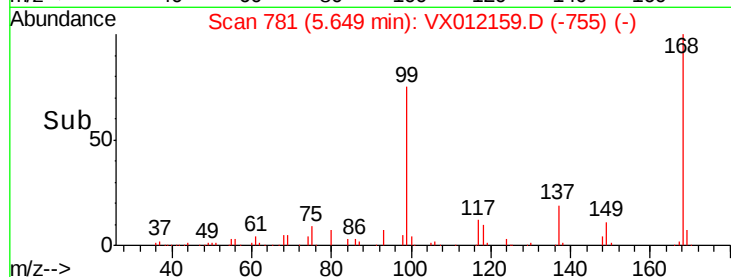
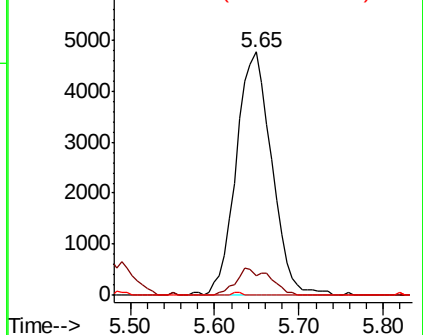
#36
 1,1-Dichloropropene
 Concen: 6.084 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012159.D
 Acq: 06 Sep 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F2-(2.7)

Tgt Ion: 75 Resp: 13605
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.5 58.5#
 77 0.0 24.6 37.0#

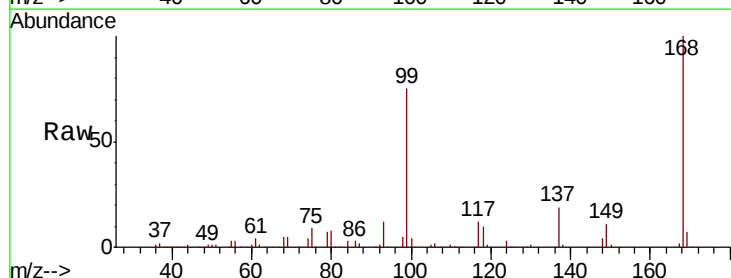


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

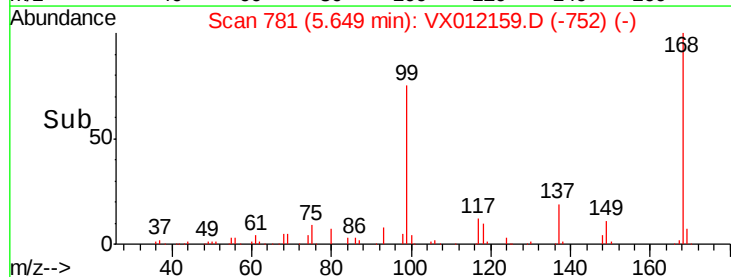
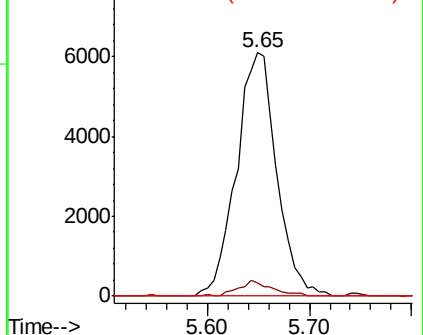


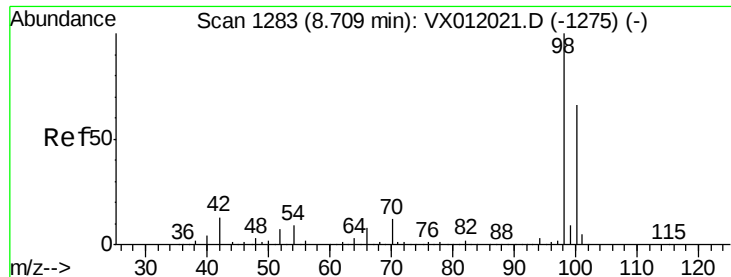
#38
 Carbon Tetrachloride
 Concen: 7.096 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012159.D
 Acq: 06 Sep 2019 20:20

Tgt Ion: 117 Resp: 16722
 Ion Ratio Lower Upper
 117 100
 119 5.4 78.3 117.5#
 121 0.0 24.2 36.2#



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

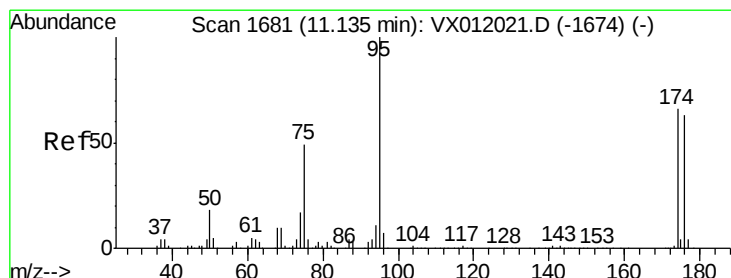
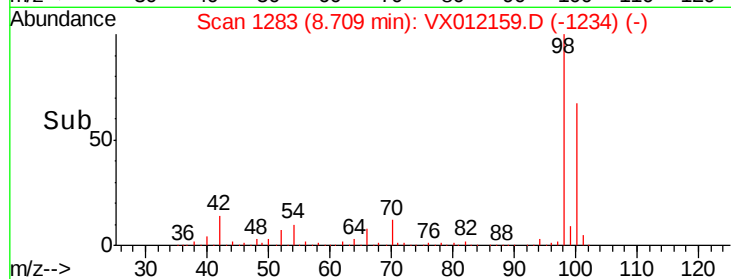
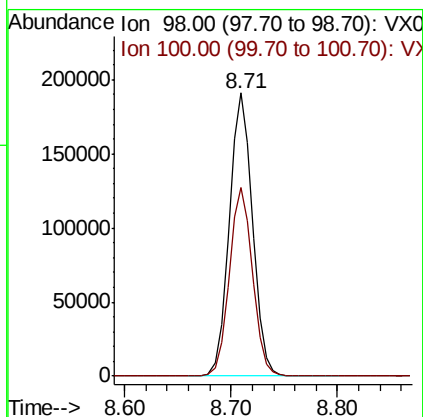
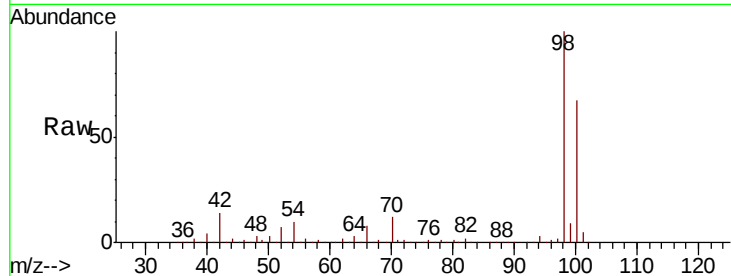




#50
Toluene-d8
Concen: 51.073 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012159.D
Acq: 06 Sep 2019 20:20

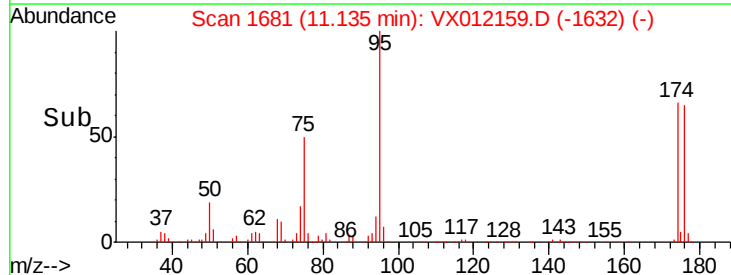
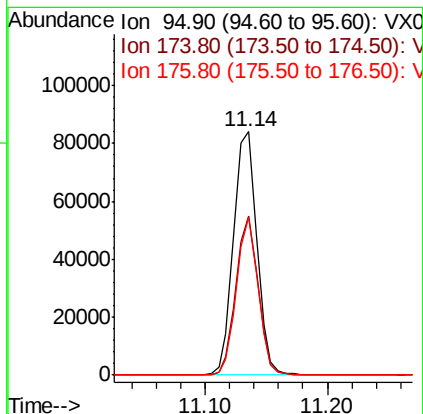
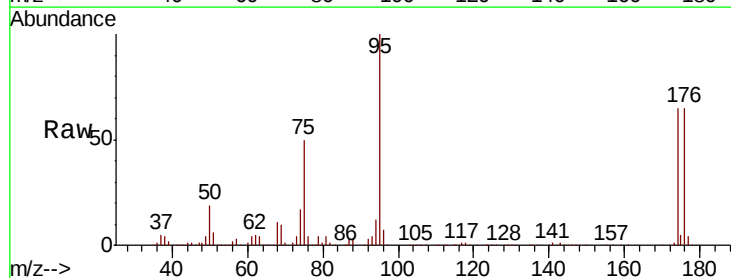
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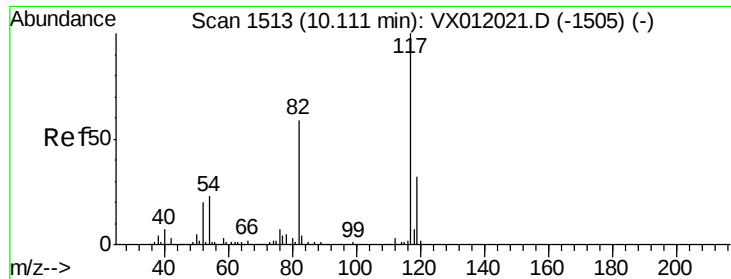
Tgt Ion: 98 Resp: 292645
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.549 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012159.D
Acq: 06 Sep 2019 20:20

Tgt Ion: 95 Resp: 110719
Ion Ratio Lower Upper
95 100
174 62.1 0.0 205.4
176 60.1 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: VX012159.D

Acq: 06 Sep 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

T12-F2-(2.7)

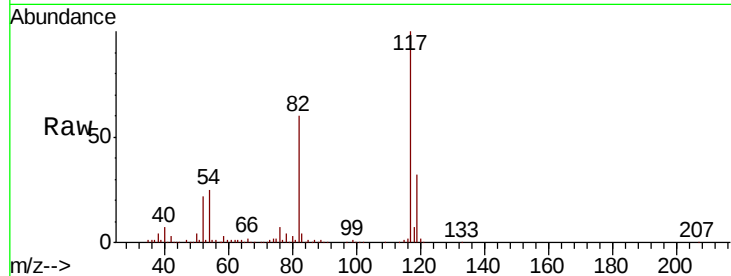
Tgt Ion:117 Resp: 209919

Ion Ratio Lower Upper

117 100

82 59.9 39.4 59.0#

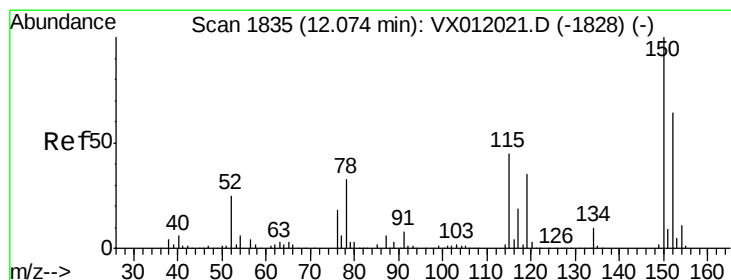
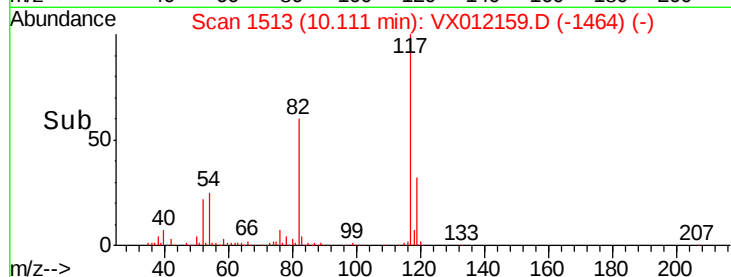
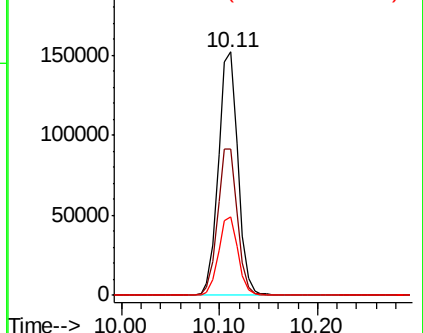
119 32.2 26.1 39.1



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: VX012159.D

Acq: 06 Sep 2019 20:20

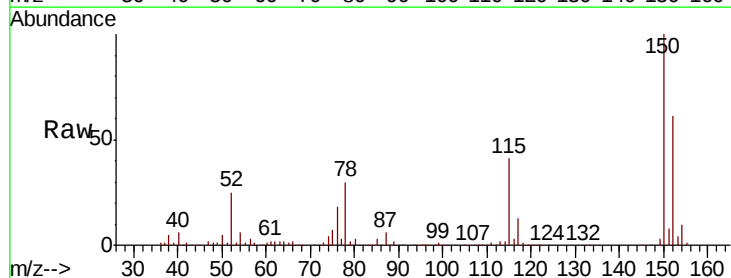
Tgt Ion:152 Resp: 81397

Ion Ratio Lower Upper

152 100

115 67.1 36.4 109.3

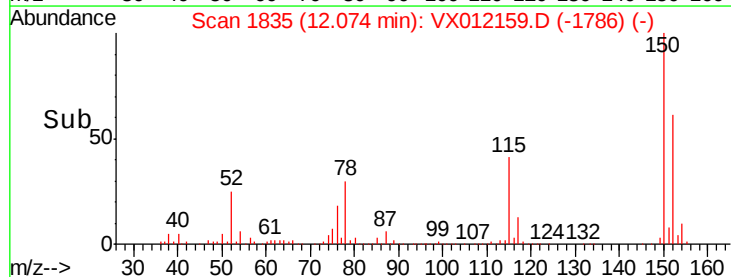
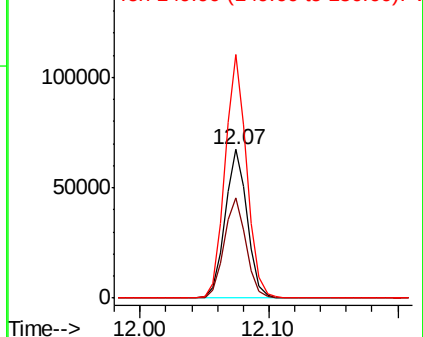
150 160.5 0.0 341.2

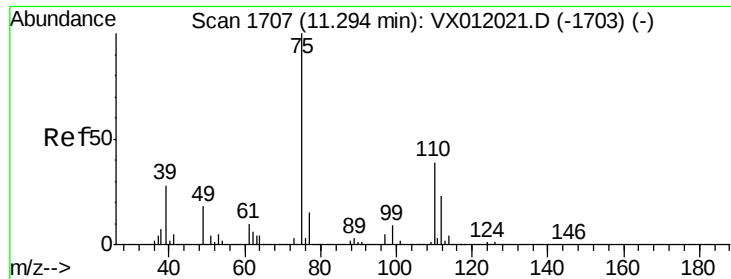


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 57.699 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012159.D

Acq: 06 Sep 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

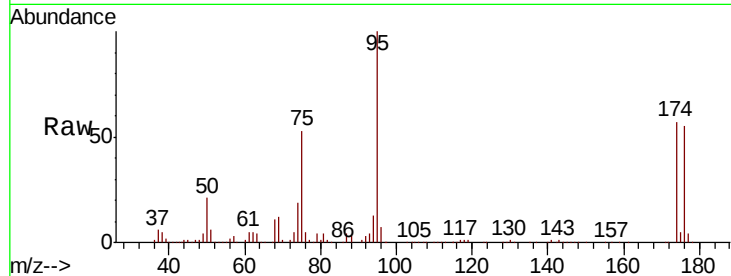
T12-F2-(2.7)

Tgt Ion: 75 Resp: 57384

Ion Ratio Lower Upper

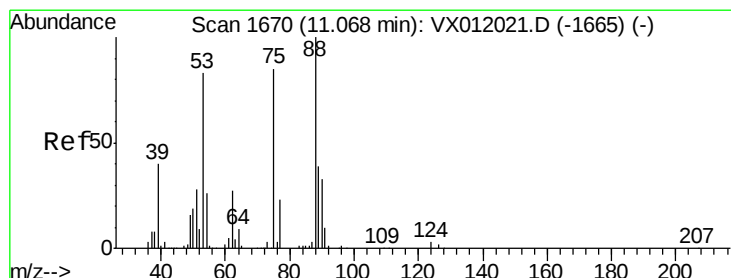
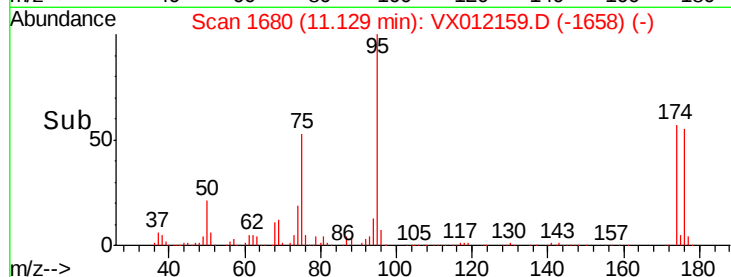
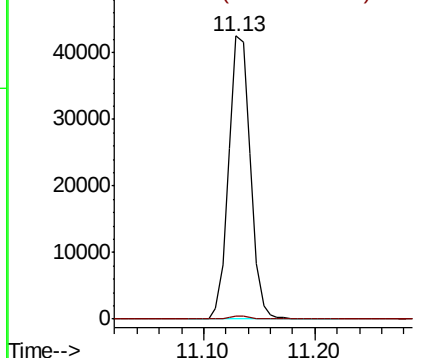
75 100

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: 136.408 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012159.D

Acq: 06 Sep 2019 20:20

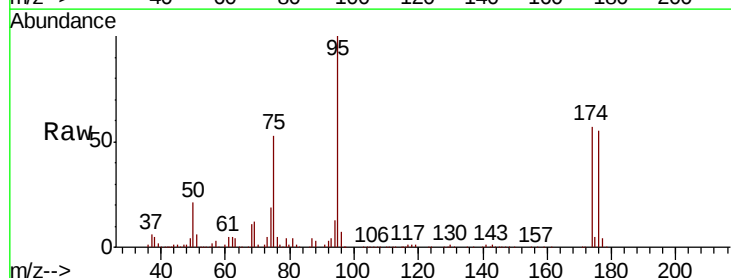
Tgt Ion: 75 Resp: 57384

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

89 0.0 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

