

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012047.D
 Acq On : 04 Sep 2019 13:00
 Operator : SY/SP
 Sample : K4646-14
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B2-(0)

Quant Time: Sep 04 13:22:18 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	167997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120611	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113307	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	5.48	113	88809	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	352077	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.14	95	146312	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

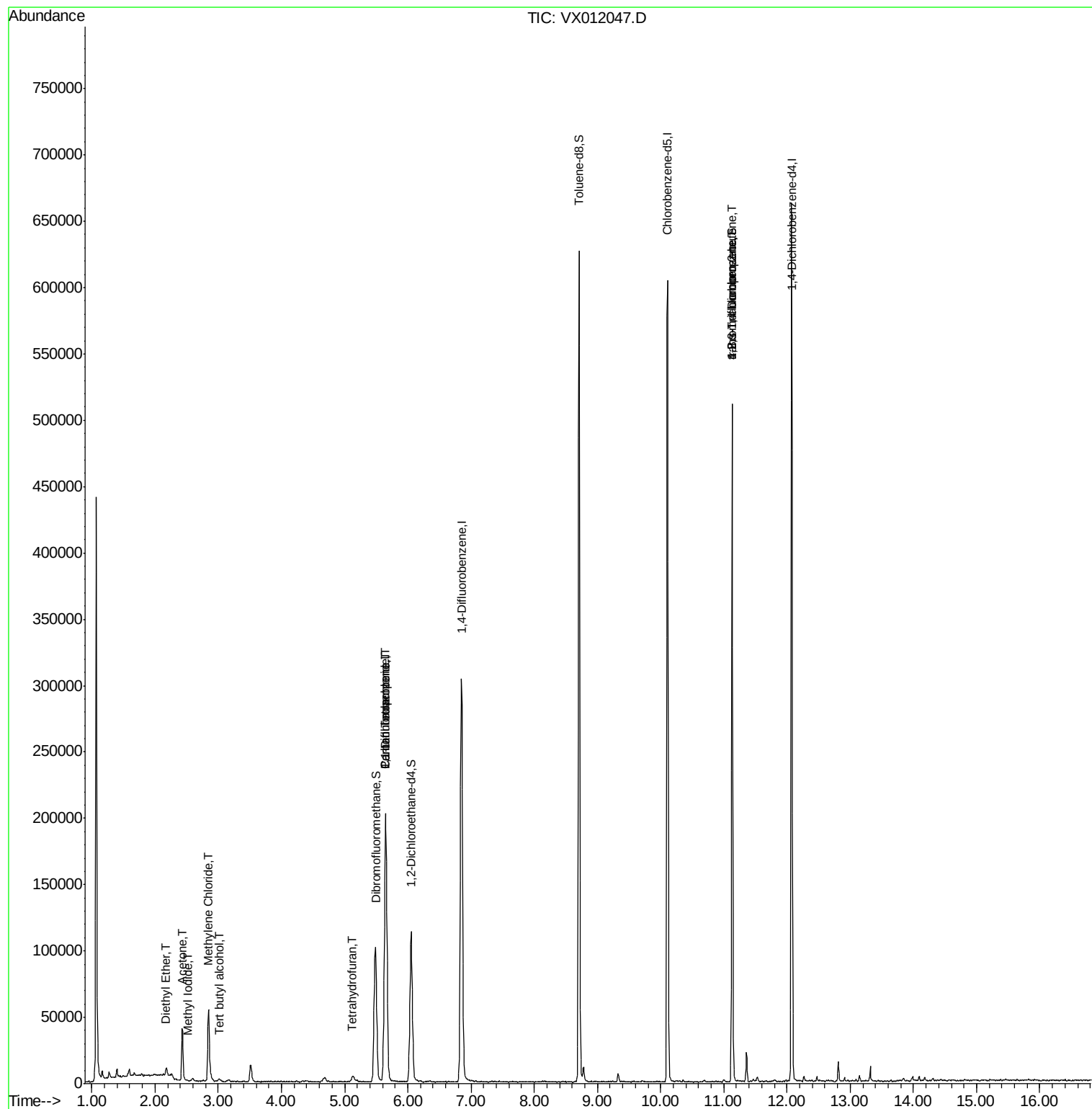
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.18	74	1960	2.446	ug/l	84
10) Methyl Iodide	2.52	142	200	7.087	ug/l #	68
11) Tert butyl alcohol	3.03	59	1948	8.749	ug/l	96
13) Acrolein	2.26	56	22	Below Cal	#	1
16) Acetone	2.43	43	41694	75.252	ug/l	98
20) Methylene Chloride	2.84	84	27585	12.398	ug/l	95
29) Tetrahydrofuran	5.12	42	4649	10.941	ug/l	96
36) 1,1-Dichloropropene	5.65	75	14964	5.743	ug/l #	49
38) Carbon Tetrachloride	5.65	117	20290	7.390	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	73746	50.042	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	73746	118.307	ug/l #	10

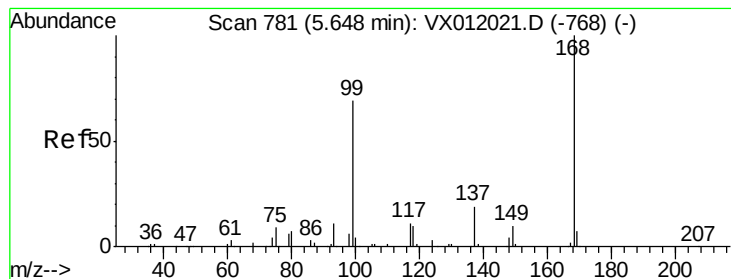
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
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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: VX012047.D

Acq: 04 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

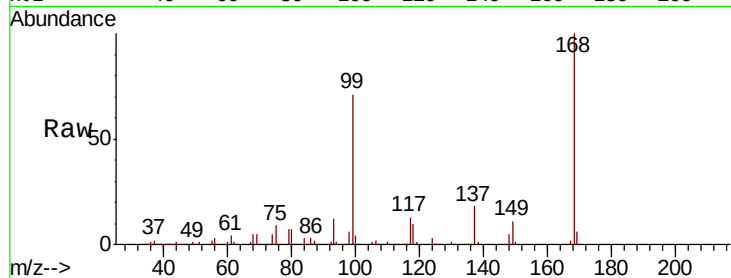
T3-S-B2-(0)

Tgt Ion:168 Resp: 167997

Ion Ratio Lower Upper

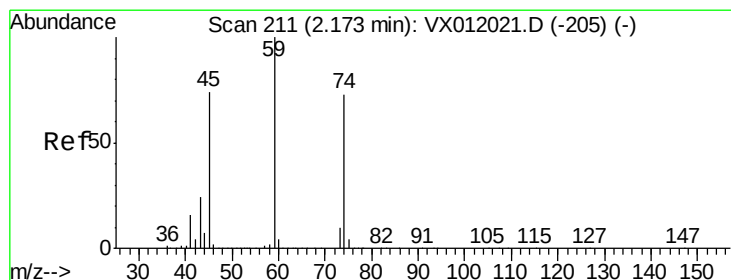
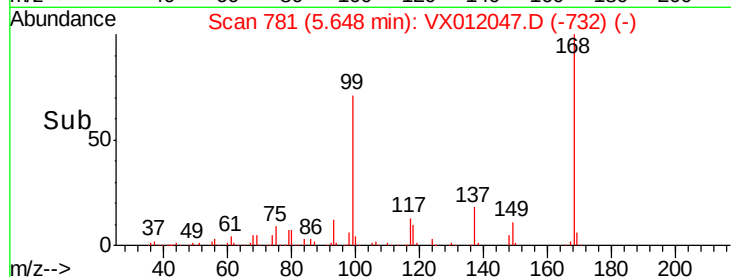
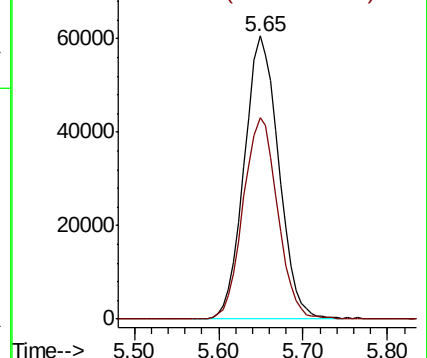
168 100

99 71.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 2.446 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX012047.D

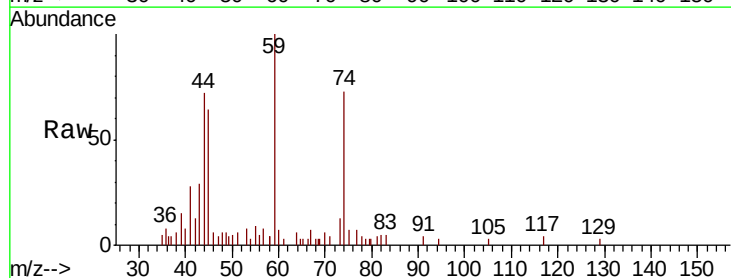
Acq: 04 Sep 2019 13:00

Tgt Ion: 74 Resp: 1960

Ion Ratio Lower Upper

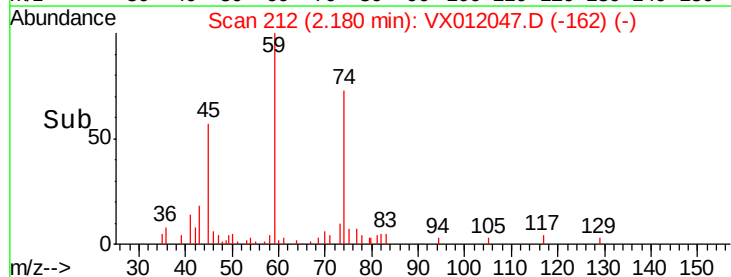
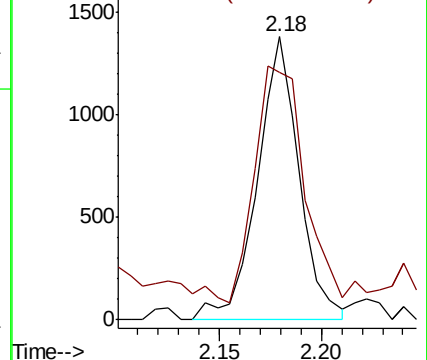
74 100

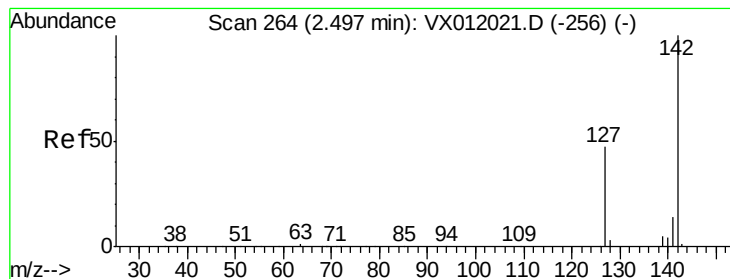
45 107.2 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

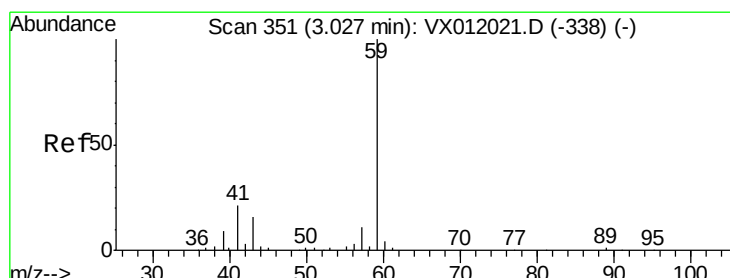
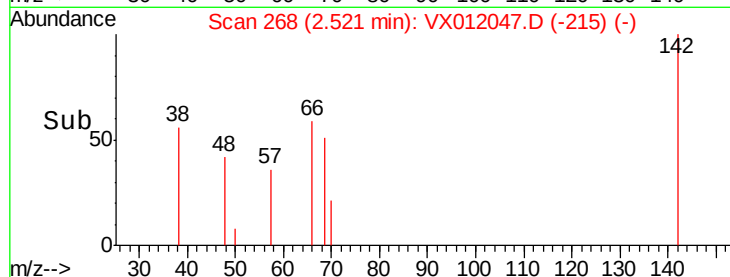
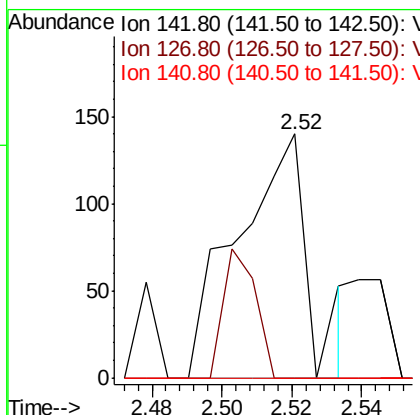
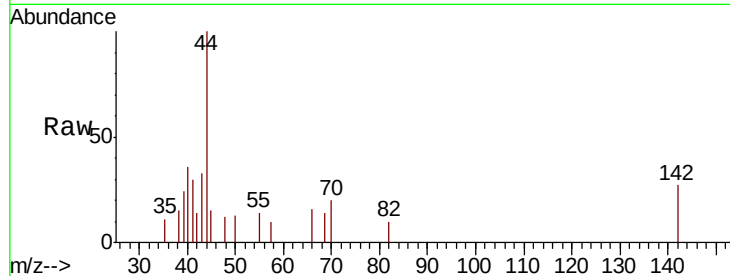




#10
Methyl Iodide
Concen: 7.087 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.02 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

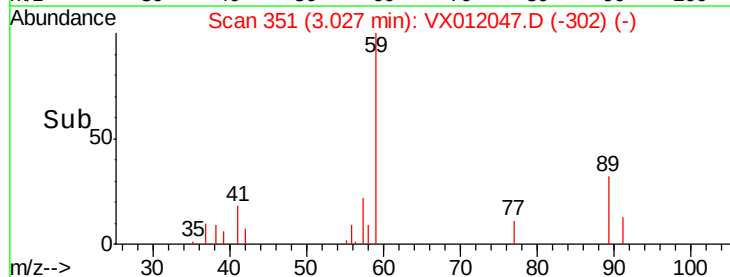
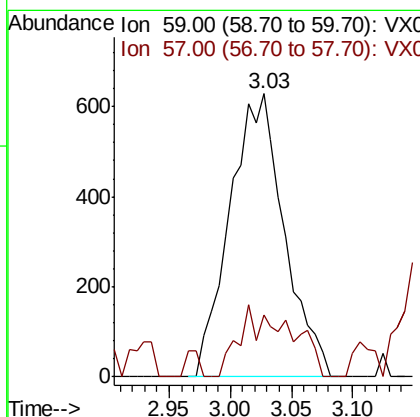
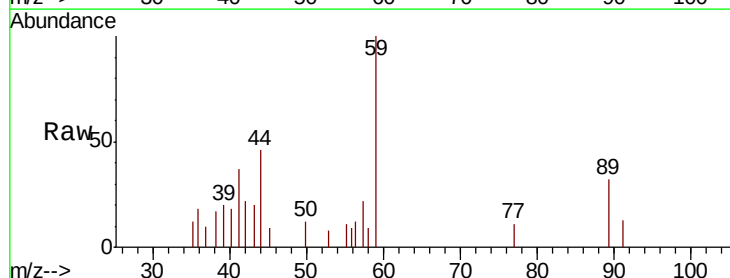
Instrument :
MSVOA_X
ClientSampled :
T3-S-B2-(0)

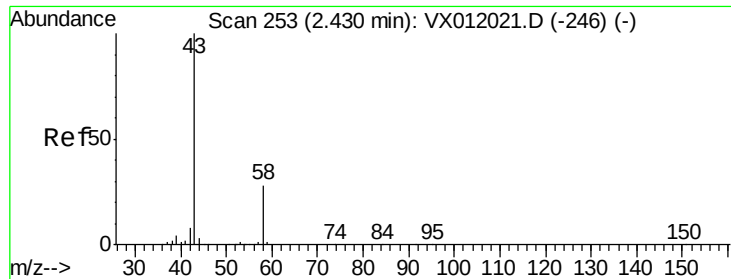
Tgt Ion: 142 Resp: 200
Ion Ratio Lower Upper
142 100
127 24.0 35.4 53.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 8.749 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

Tgt Ion: 59 Resp: 1948
Ion Ratio Lower Upper
59 100
57 8.3 7.9 11.9





#16

Acetone

Concen: 75.252 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012047.D

Acq: 04 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

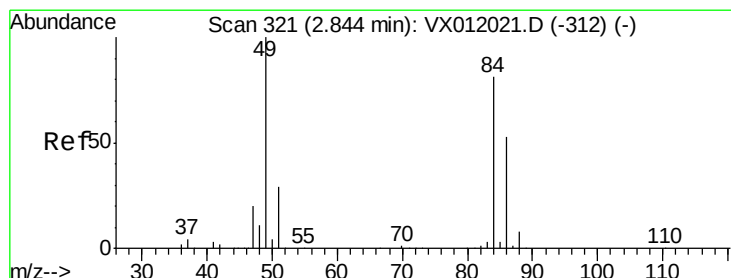
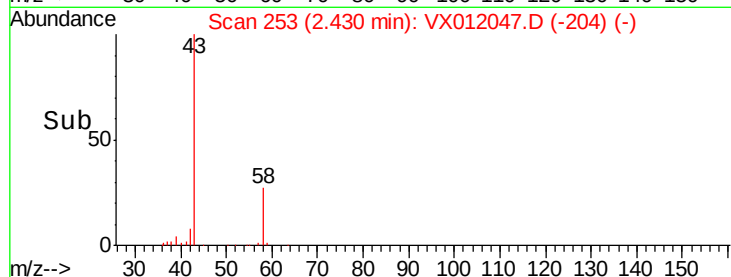
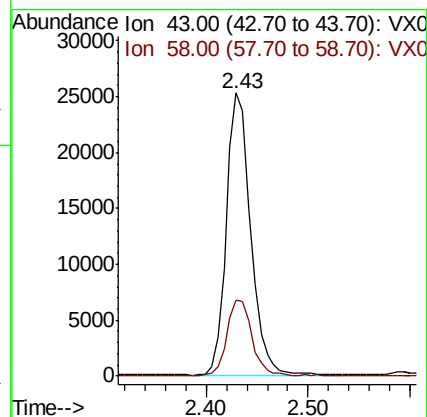
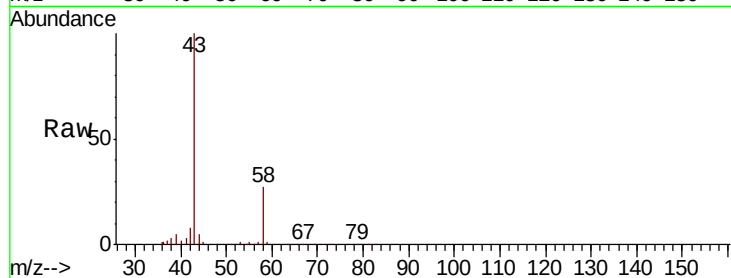
T3-S-B2-(0)

Tgt Ion: 43 Resp: 41694

Ion Ratio Lower Upper

43 100

58 27.2 22.8 34.2



#20

Methylene Chloride

Concen: 12.398 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012047.D

Acq: 04 Sep 2019 13:00

Tgt Ion: 84 Resp: 27585

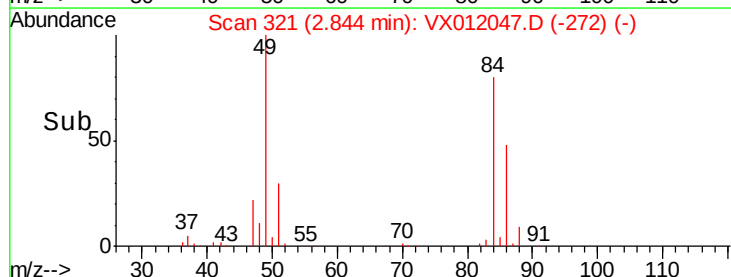
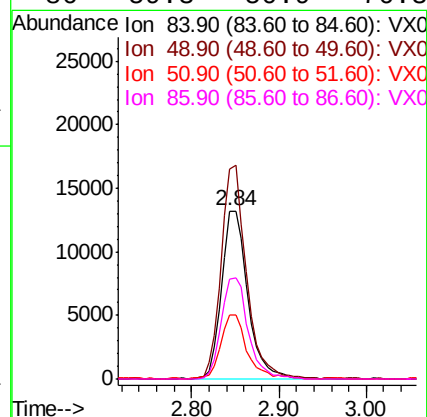
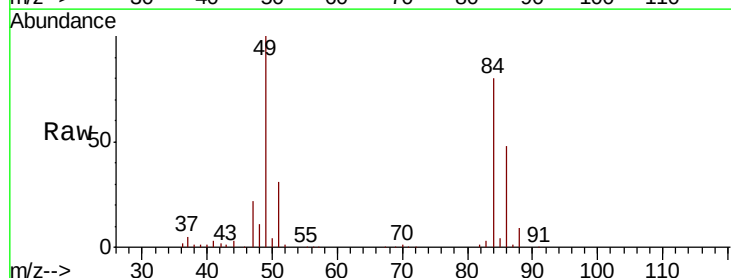
Ion Ratio Lower Upper

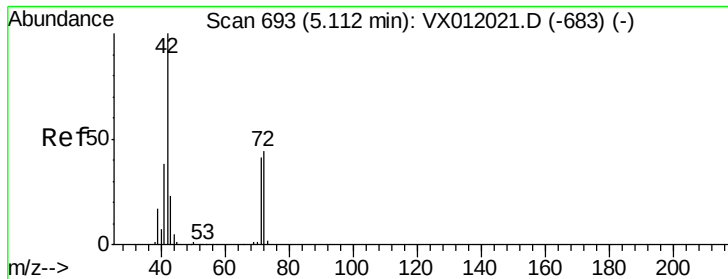
84 100

49 124.7 95.8 143.8

51 37.8 28.6 43.0

86 59.3 50.9 76.3

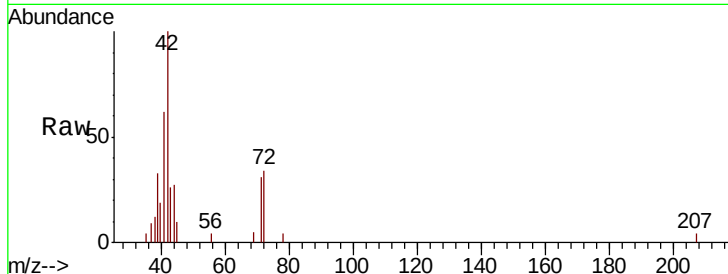




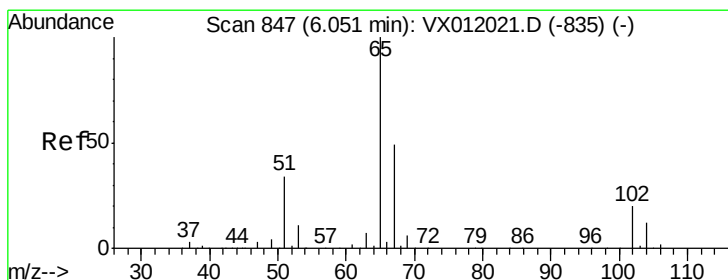
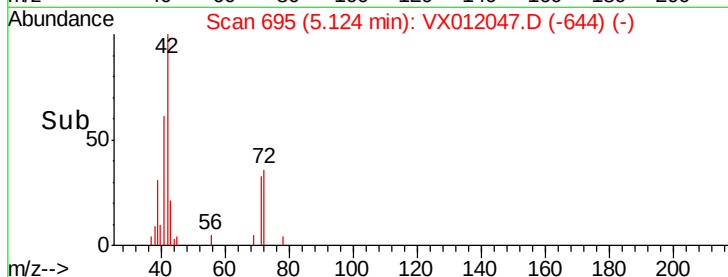
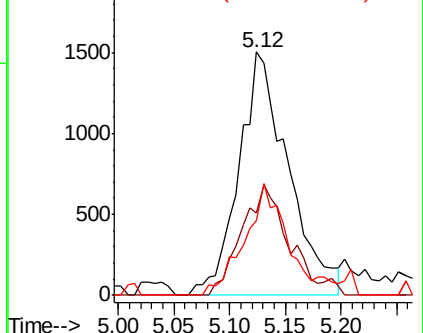
#29
Tetrahydrofuran
Concen: 10.941 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B2-(0)

Tgt Ion: 42 Resp: 4649
Ion Ratio Lower Upper
42 100
72 42.3 37.0 55.4
71 41.0 33.8 50.8

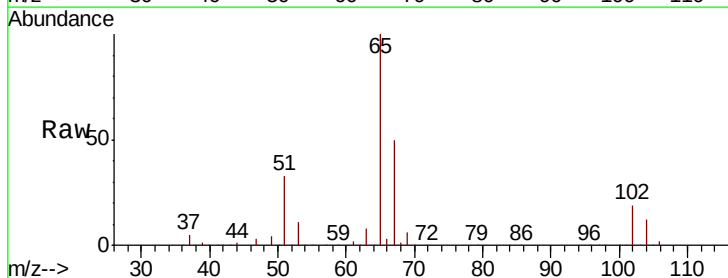


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

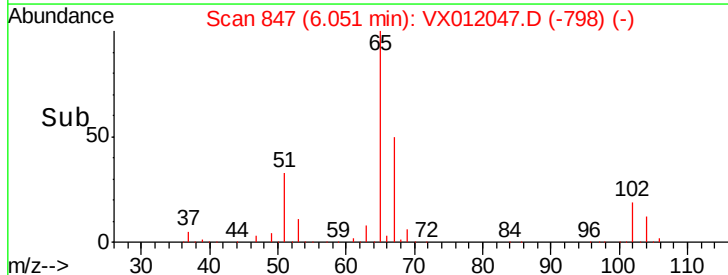
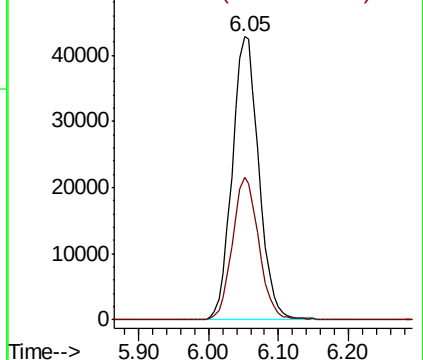


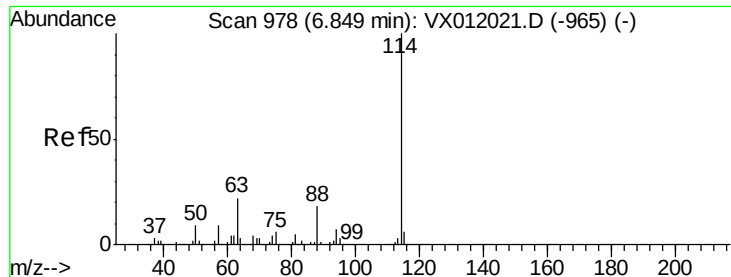
#33
1,2-Dichloroethane-d4
Concen: 48.881 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

Tgt Ion: 65 Resp: 113307
Ion Ratio Lower Upper
65 100
67 50.2 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: VX012047.D

Acq: 04 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B2-(0)

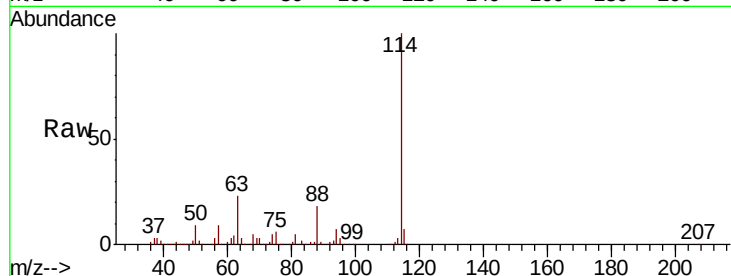
Tgt Ion:114 Resp: 295854

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.4

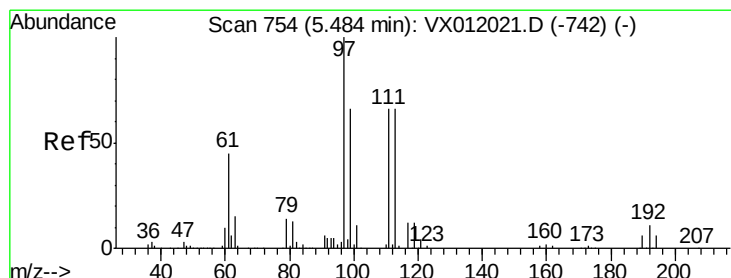
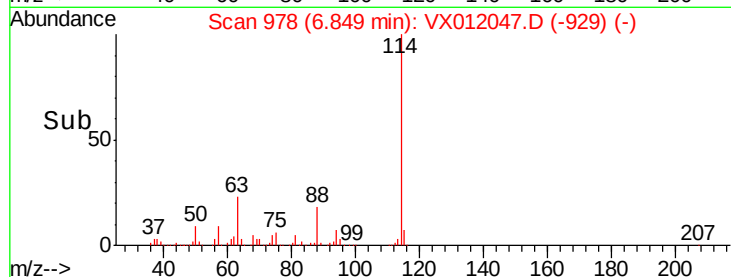
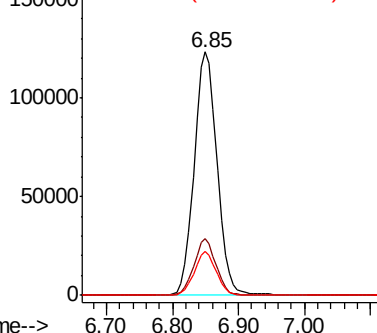
88 18.0 0.0 29.6



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: 48.812 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012047.D

Acq: 04 Sep 2019 13:00

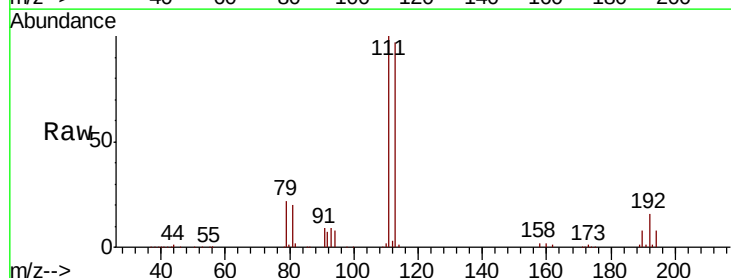
Tgt Ion:113 Resp: 88809

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

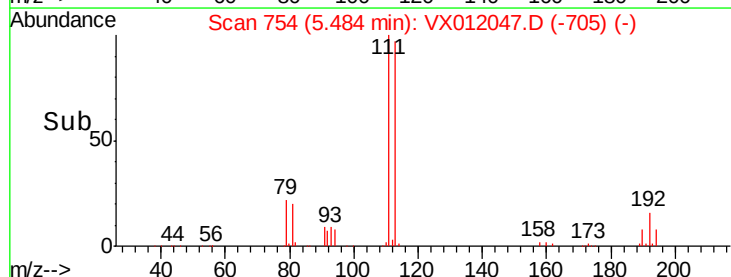
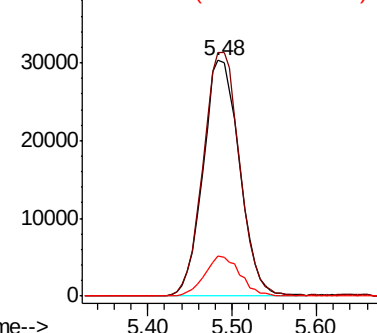
192 16.5 22.5 33.7#

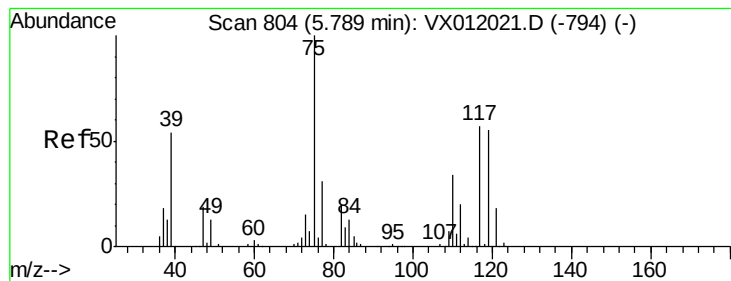


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.743 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012047.D

Acq: 04 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B2-(0)

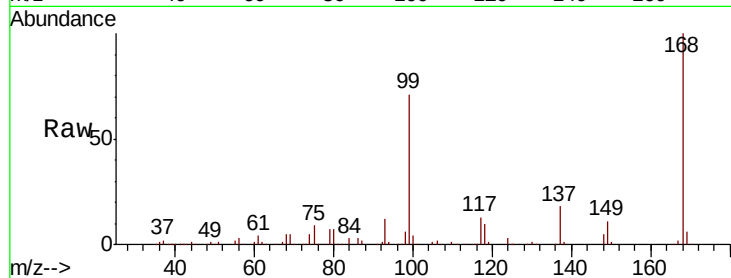
Tgt Ion: 75 Resp: 14964

Ion Ratio Lower Upper

75 100

110 10.1 19.5 58.5#

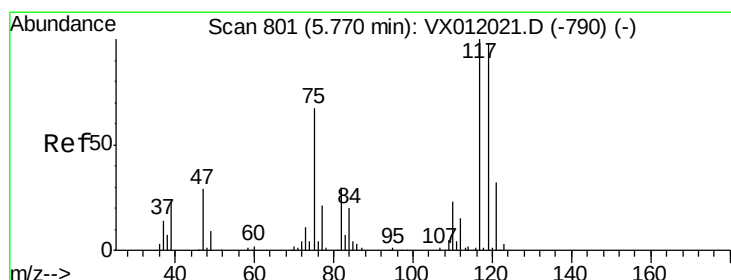
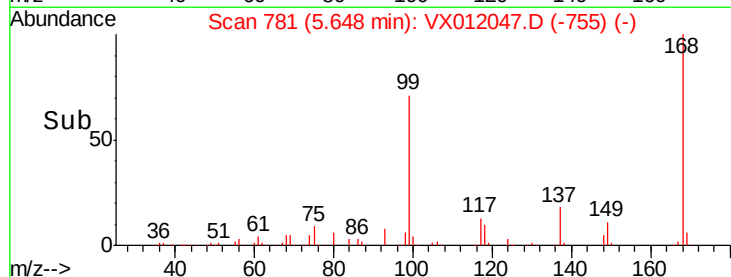
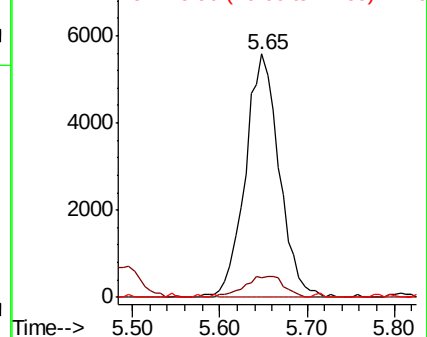
77 0.0 24.6 37.0#



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: 7.390 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012047.D

Acq: 04 Sep 2019 13:00

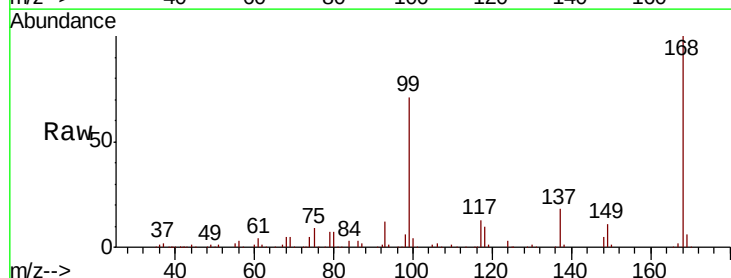
Tgt Ion: 117 Resp: 20290

Ion Ratio Lower Upper

117 100

119 5.0 78.3 117.5#

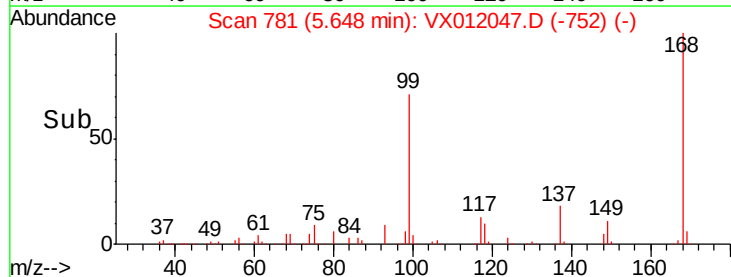
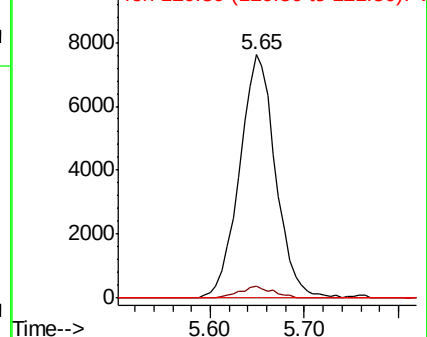
121 0.0 24.2 36.2#

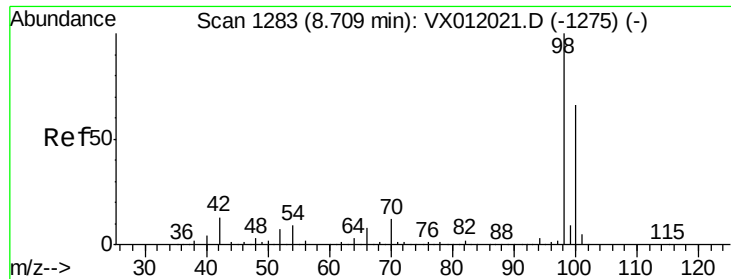


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

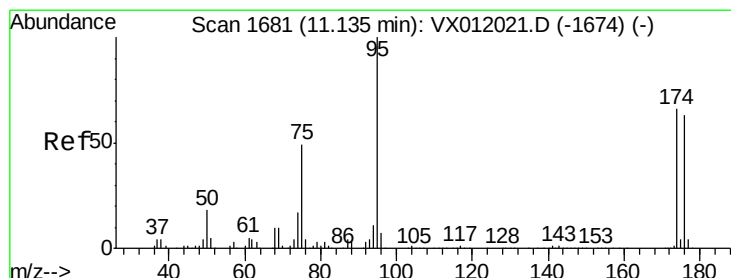
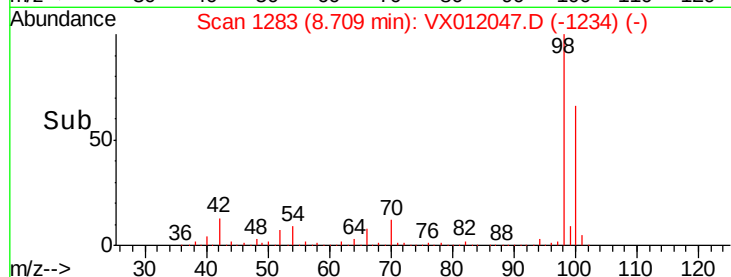
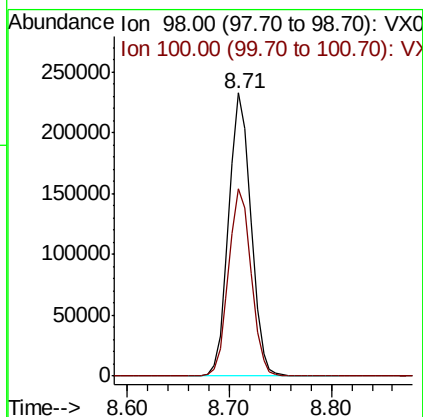
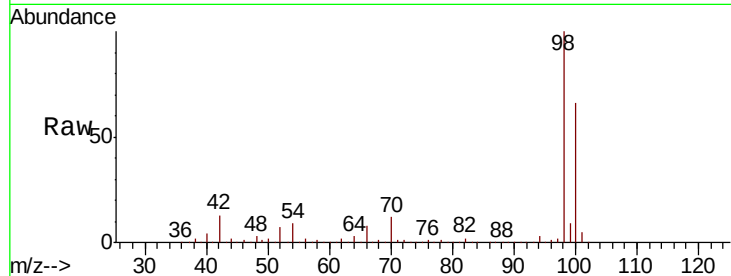




#50
Toluene-d8
Concen: 52.734 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

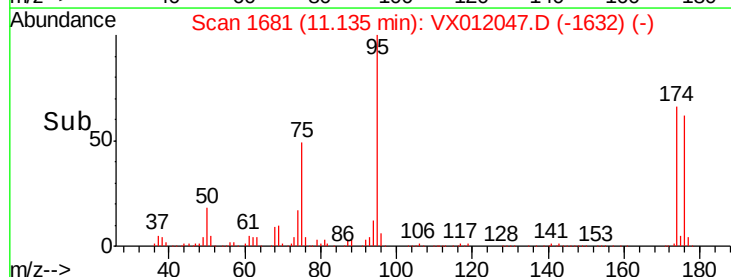
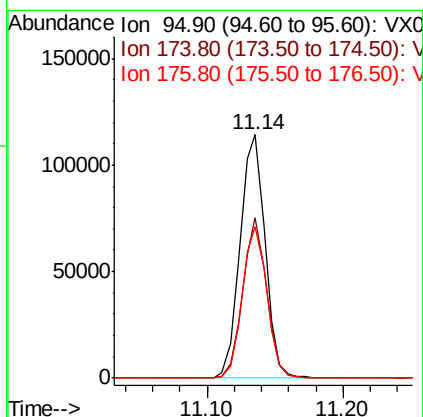
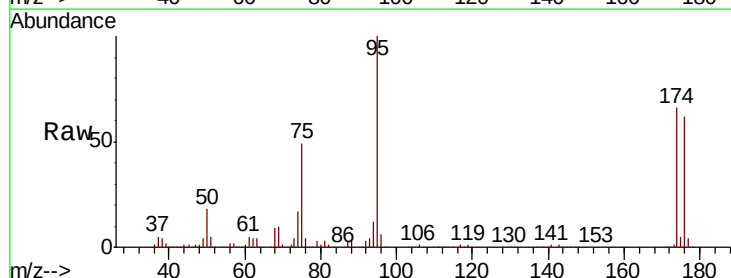
Instrument :
MSVOA_X
ClientSampled :
T3-S-B2-(0)

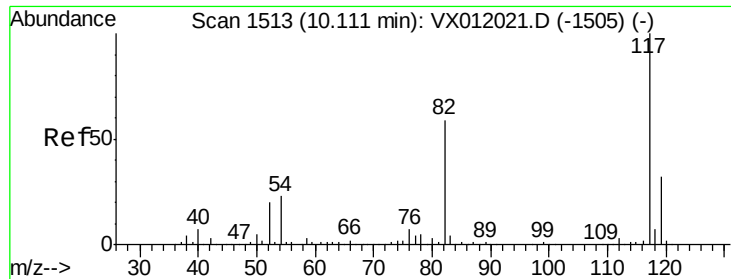
Tgt Ion: 98 Resp: 352077
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.122 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

Tgt Ion: 95 Resp: 146312
Ion Ratio Lower Upper
95 100
174 62.6 0.0 205.4
176 61.4 0.0 201.8

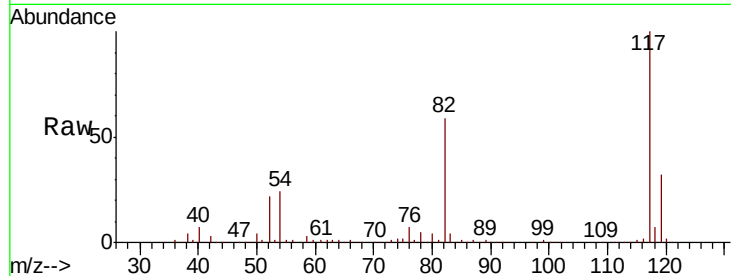




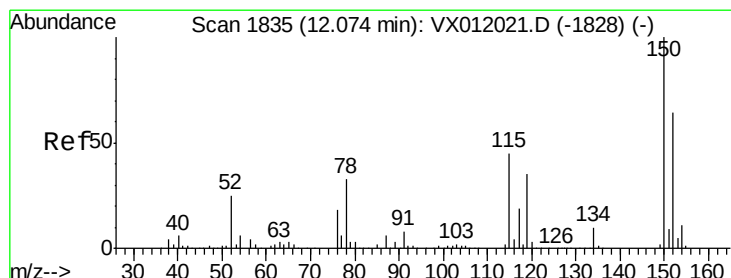
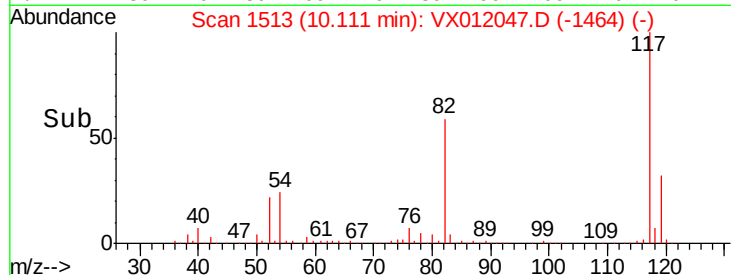
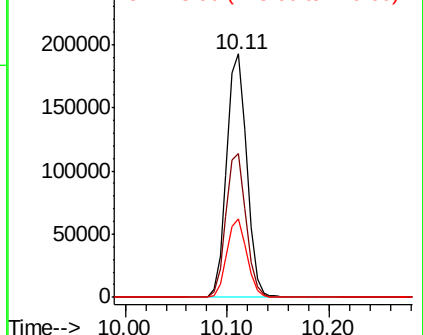
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

Instrument :
MSVOA_X
ClientSampled :
T3-S-B2-(0)

Tgt Ion:117 Resp: 262852
Ion Ratio Lower Upper
117 100
82 58.8 39.4 59.0
119 32.4 26.1 39.1

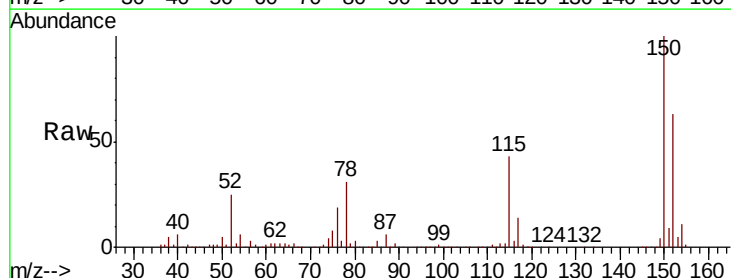


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

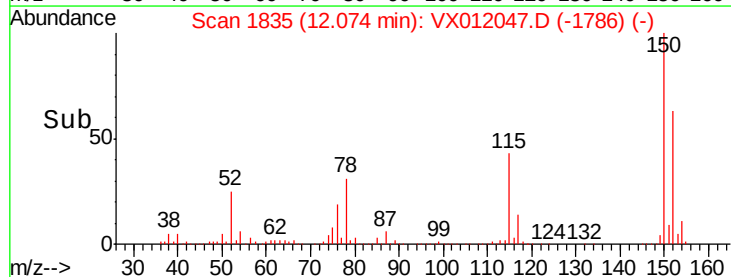
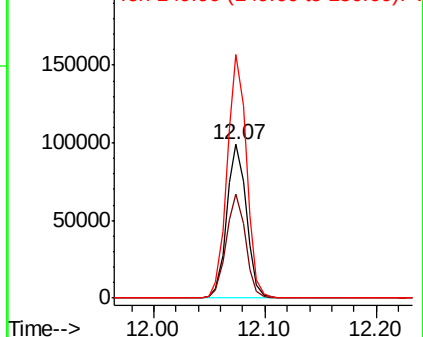


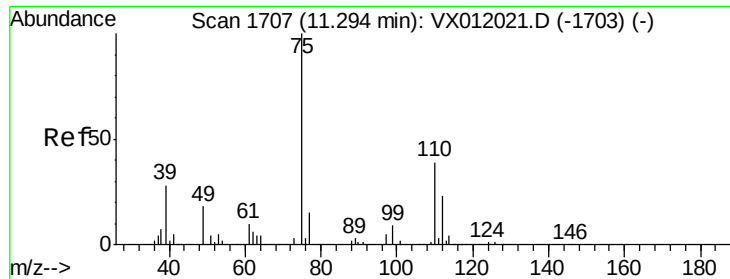
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012047.D
Acq: 04 Sep 2019 13:00

Tgt Ion:152 Resp: 120611
Ion Ratio Lower Upper
152 100
115 66.7 36.4 109.3
150 156.3 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: 50.042 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012047.D

Acq: 04 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

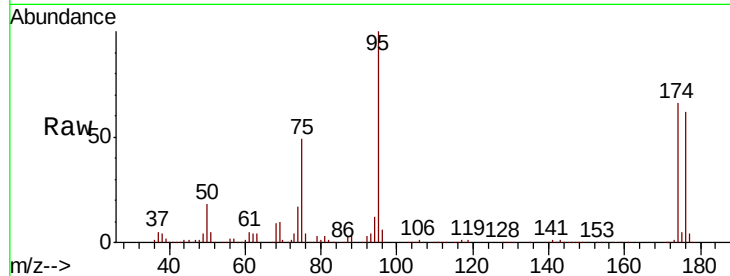
T3-S-B2-(0)

Tgt Ion: 75 Resp: 73746

Ion Ratio Lower Upper

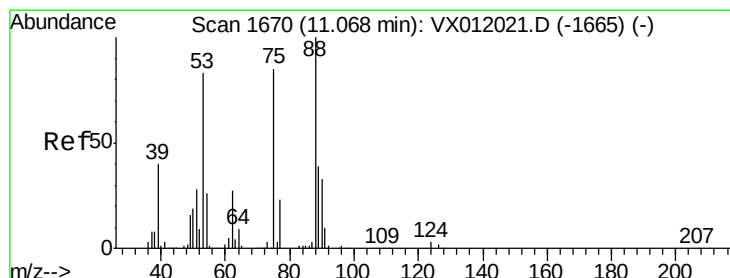
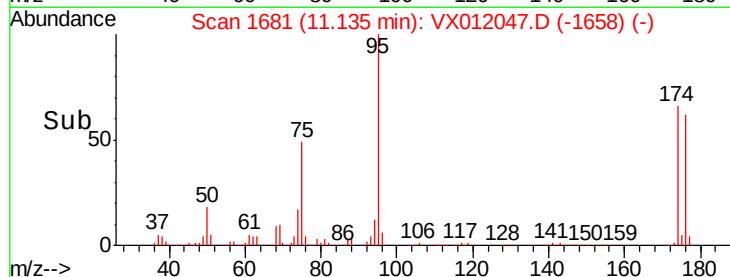
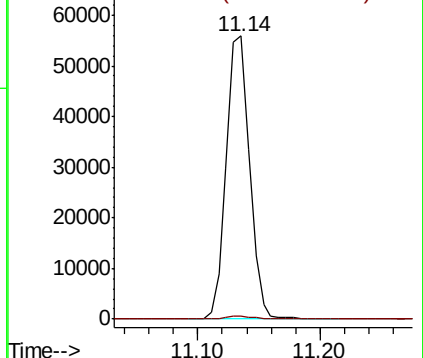
75 100

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: 118.307 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012047.D

Acq: 04 Sep 2019 13:00

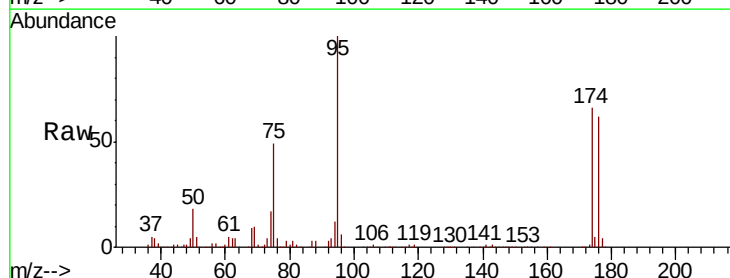
Tgt Ion: 75 Resp: 73746

Ion Ratio Lower Upper

75 100

53 0.0 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

