

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
 Data File : VX012037.D
 Acq On : 03 Sep 2019 22:14
 Operator : SY/SP
 Sample : K4546-06
 Misc : 5.42g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(2.5)

Quant Time: Sep 04 04:05:47 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	156098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	211177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	63170	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	101601	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	5.48	113	80838	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	310299	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	101724	35.38	ug/l	0.00
Spiked Amount			Recovery	=	70.76%	

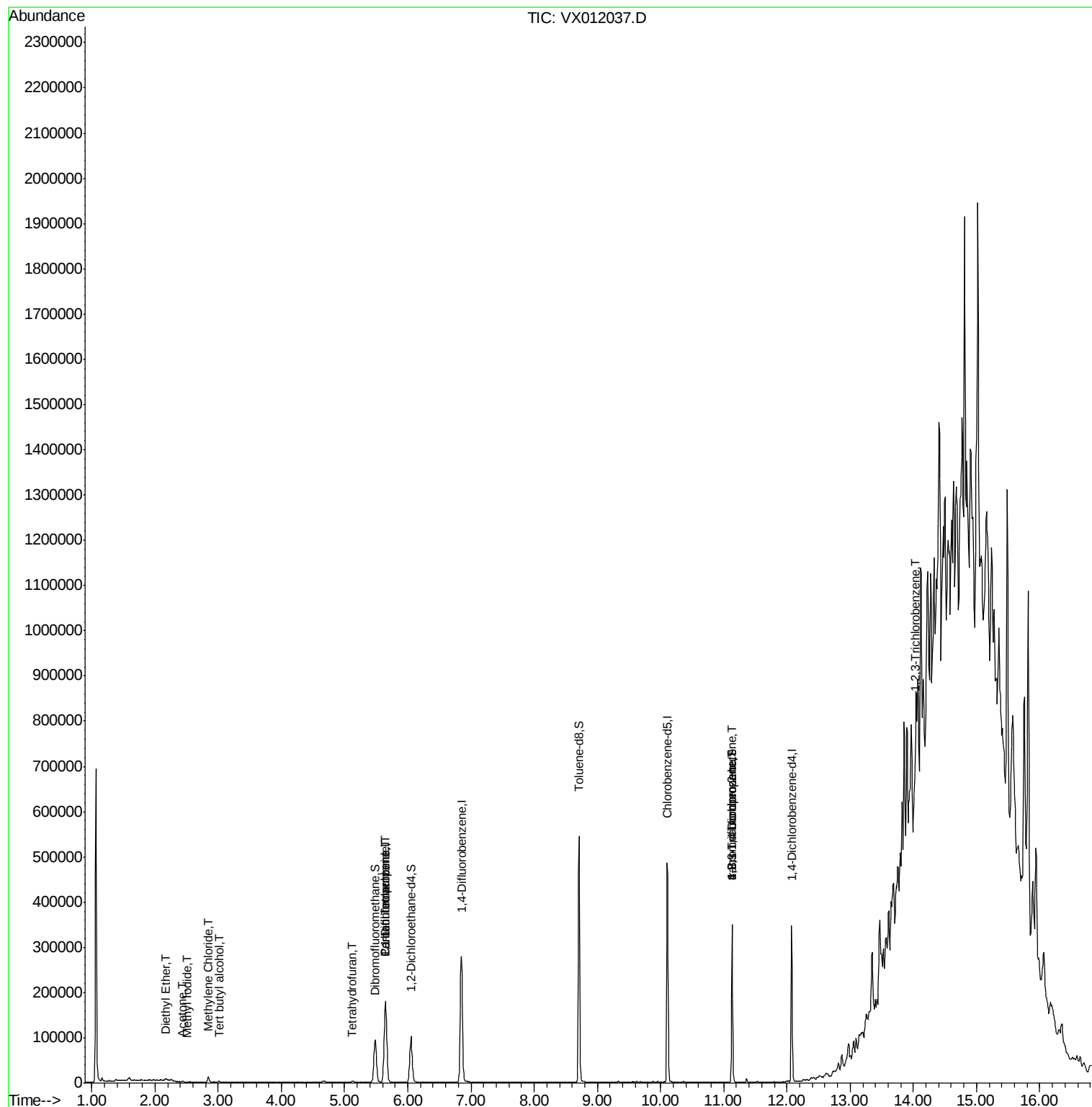
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	1246	1.674	ug/l	86
10) Methyl Iodide	2.50	142	179	7.084	ug/l #	55
11) Tert butyl alcohol	3.02	59	2036	9.842	ug/l #	86
13) Acrolein	2.25	56	70	Below Cal	#	1
16) Acetone	2.43	43	1556	3.022	ug/l #	81
20) Methylene Chloride	2.84	84	5500	2.660	ug/l	97
29) Tetrahydrofuran	5.12	42	2971	7.525	ug/l #	73
36) 1,1-Dichloropropene	5.65	75	14002	5.803	ug/l #	50
38) Carbon Tetrachloride	5.64	117	17630	6.934	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	51581	66.829	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	51581	157.993	ug/l #	10
96) 1,2,3-Trichlorobenzene	14.03	180	15102	12.892	ug/l #	16

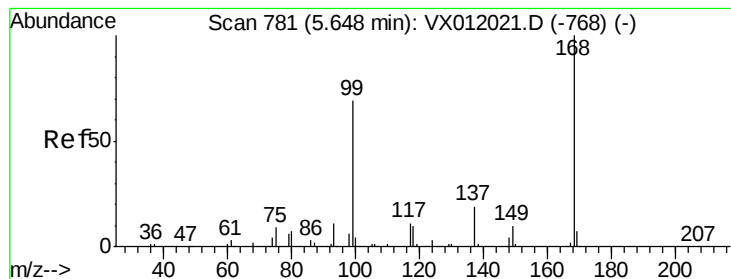
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012037.D

Acq: 03 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

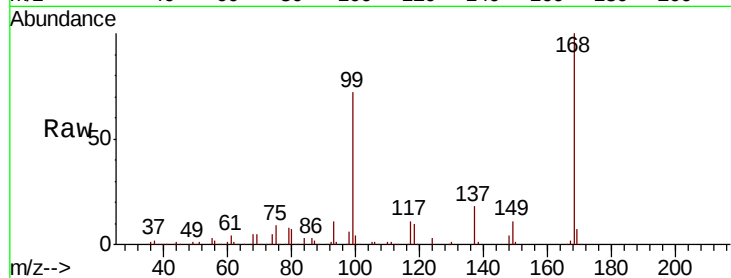
T3-S-C3-(2.5)

Tgt Ion:168 Resp: 156098

Ion Ratio Lower Upper

168 100

99 71.6 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

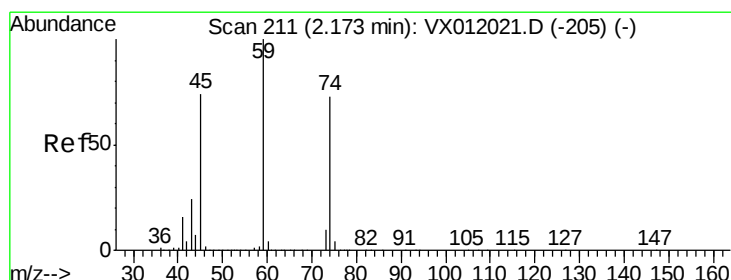
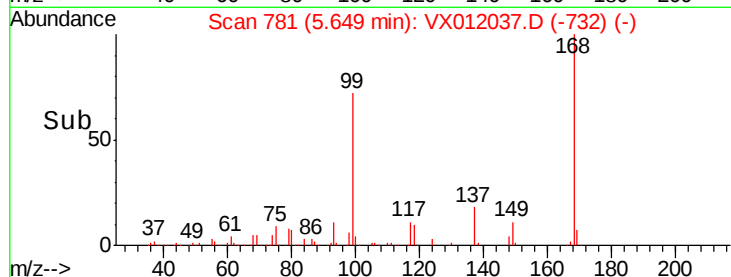
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.674 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012037.D

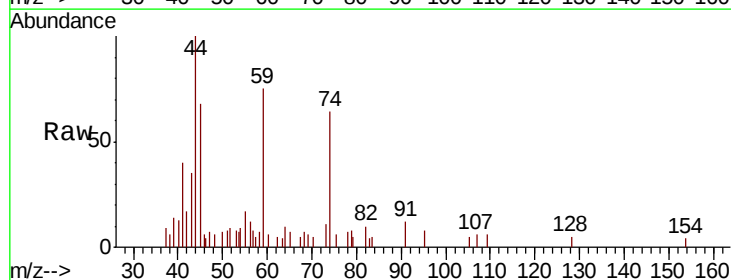
Acq: 03 Sep 2019 22:14

Tgt Ion: 74 Resp: 1246

Ion Ratio Lower Upper

74 100

45 105.1 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

1000

800

600

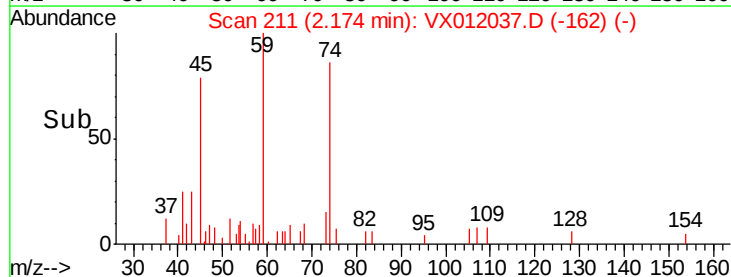
400

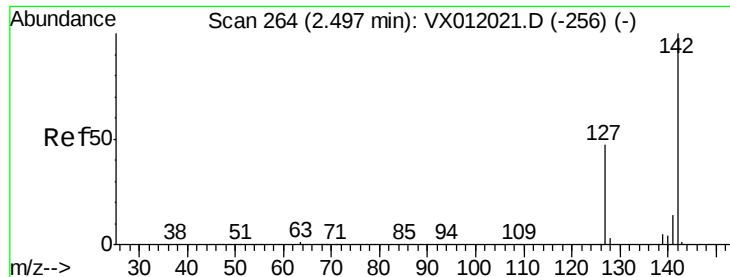
200

0

Time-->

2.15 2.20 2.25

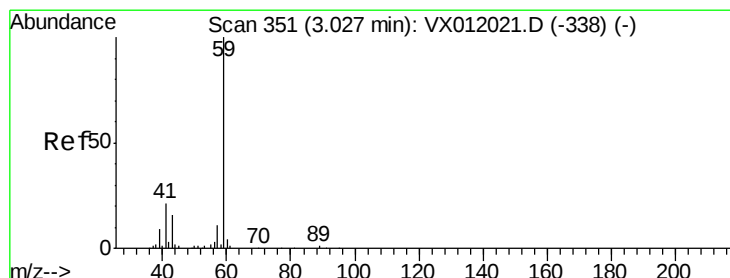
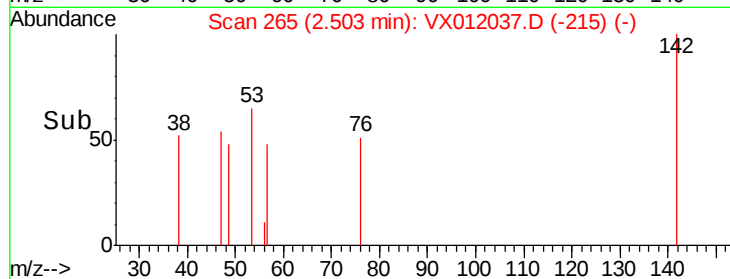
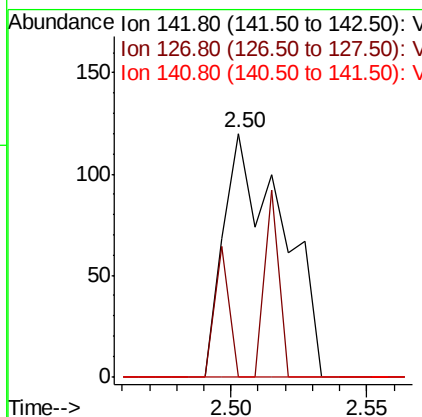
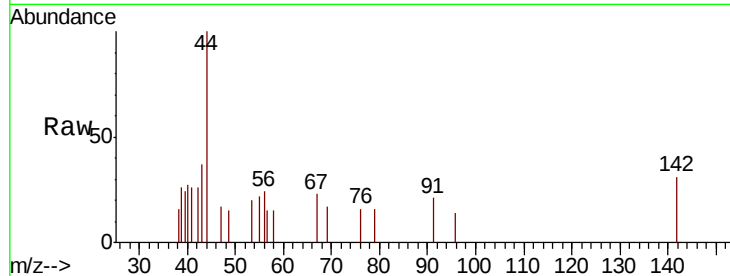




#10
Methyl Iodide
Concen: 7.084 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

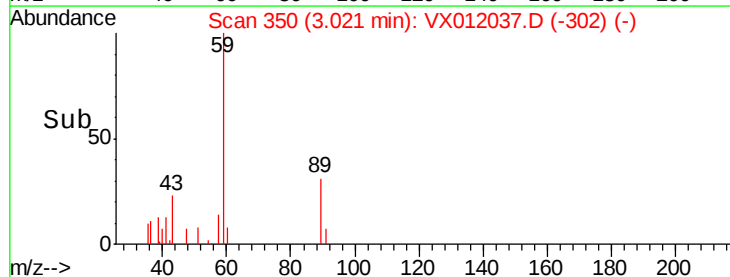
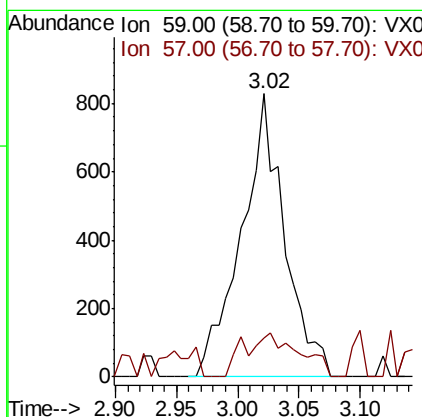
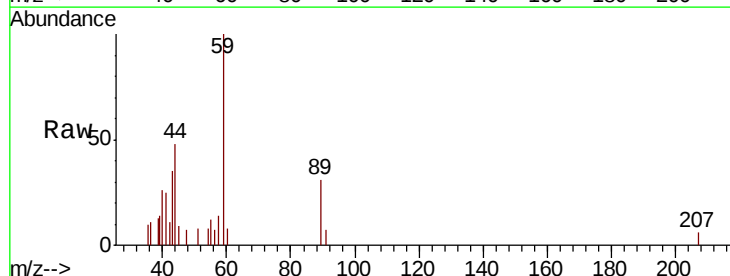
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

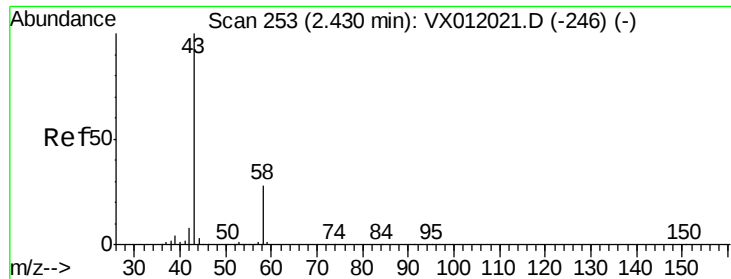
Tgt Ion: 142 Resp: 179
Ion Ratio Lower Upper
142 100
127 12.8 35.4 53.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 9.842 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

Tgt Ion: 59 Resp: 2036
Ion Ratio Lower Upper
59 100
57 15.1 7.9 11.9#





#16

Acetone

Concen: 3.022 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012037.D

Acq: 03 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

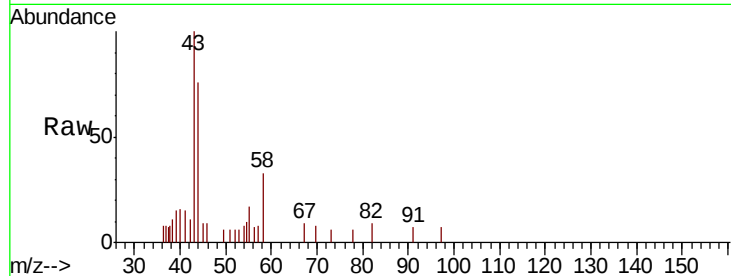
T3-S-C3-(2.5)

Tgt Ion: 43 Resp: 1556

Ion Ratio Lower Upper

43 100

58 38.5 22.8 34.2#

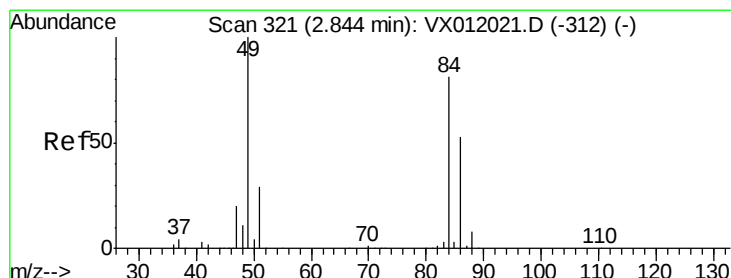
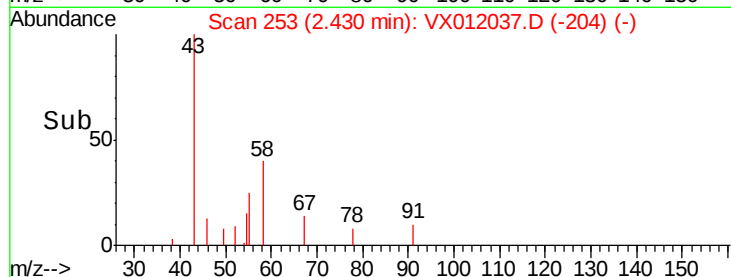


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->

2.35 2.40 2.45 2.50



#20

Methylene Chloride

Concen: 2.660 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012037.D

Acq: 03 Sep 2019 22:14

Tgt Ion: 84 Resp: 5500

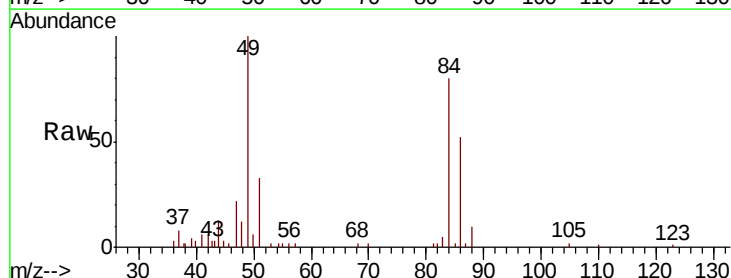
Ion Ratio Lower Upper

84 100

49 121.7 95.8 143.8

51 40.7 28.6 43.0

86 64.3 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

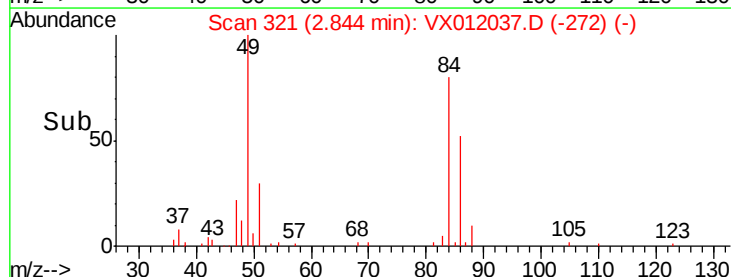
Ion 48.90 (48.60 to 49.60): VX0

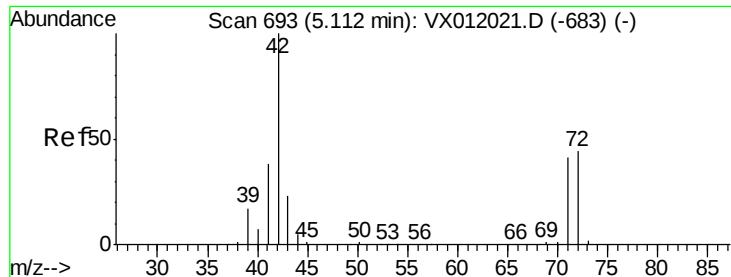
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

Time-->

2.80 2.85 2.90

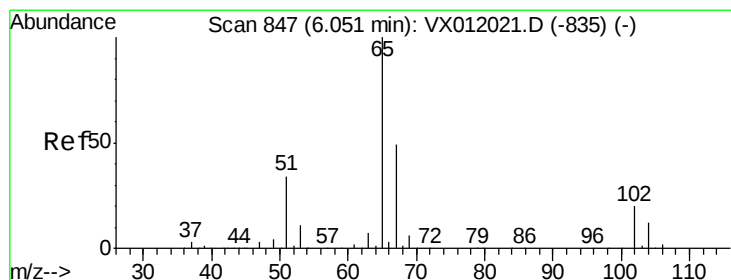
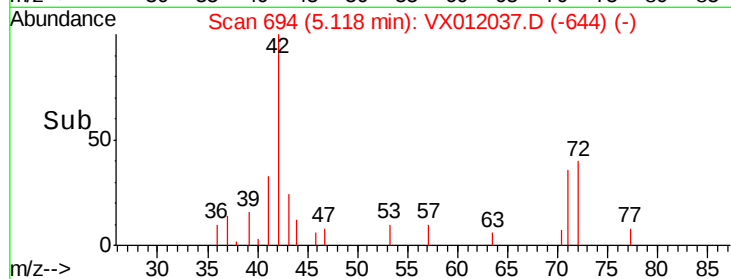
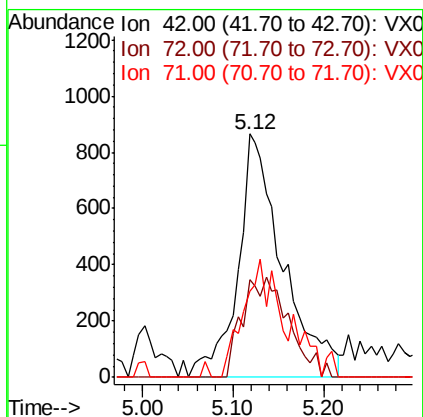
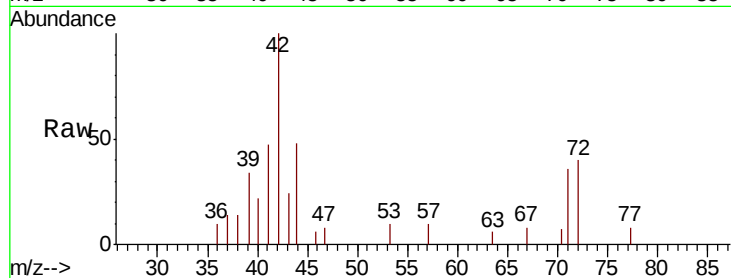




#29
Tetrahydrofuran
Concen: 7.525 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

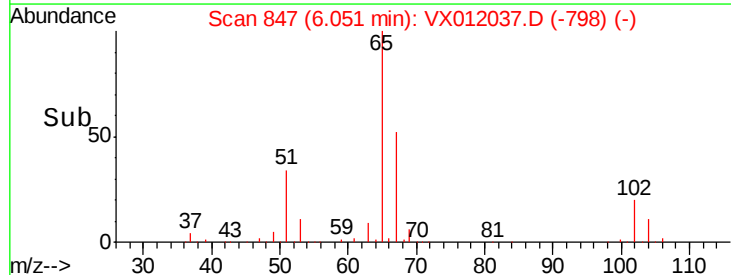
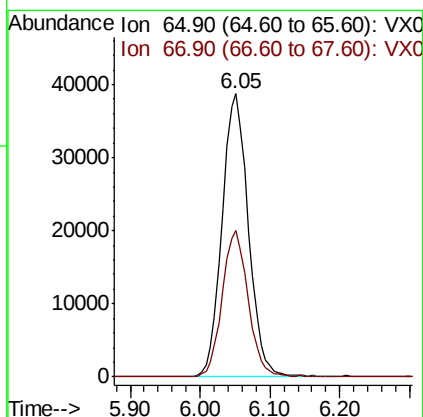
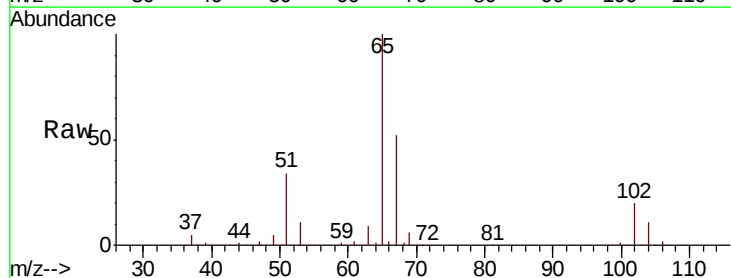
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

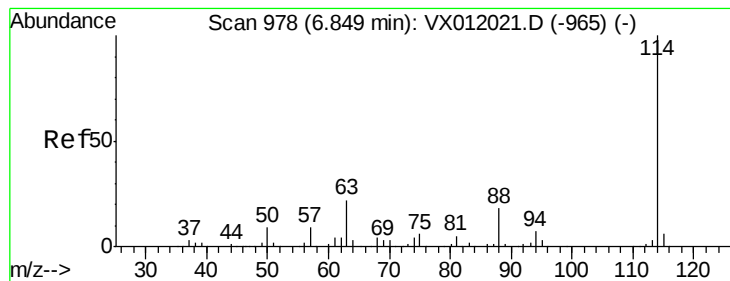
Tgt Ion: 42 Resp: 2971
Ion Ratio Lower Upper
42 100
72 18.6 37.0 55.4#
71 35.7 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 47.172 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

Tgt Ion: 65 Resp: 101601
Ion Ratio Lower Upper
65 100
67 50.6 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: VX012037.D

Acq: 03 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C3-(2.5)

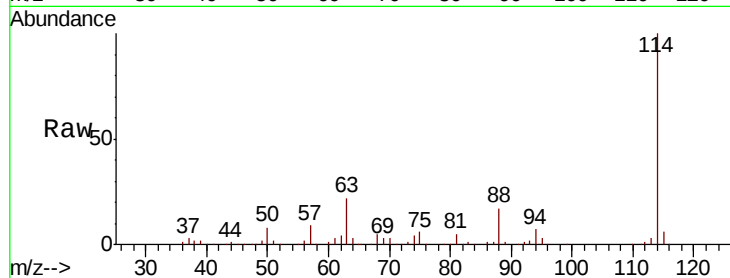
Tgt Ion:114 Resp: 273945

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

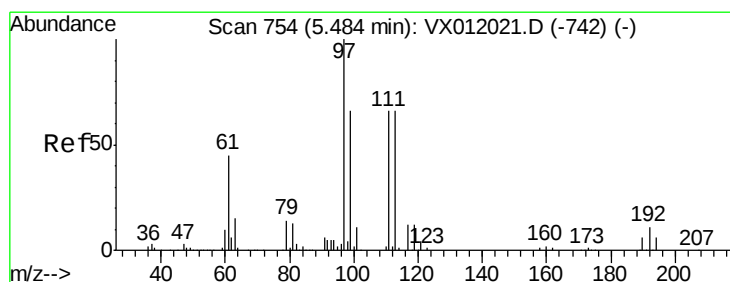
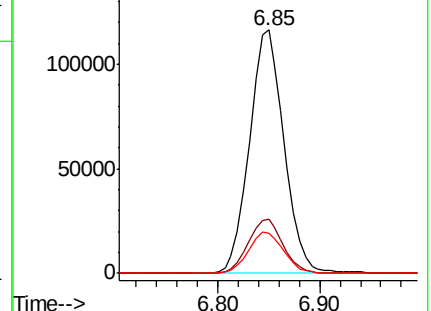
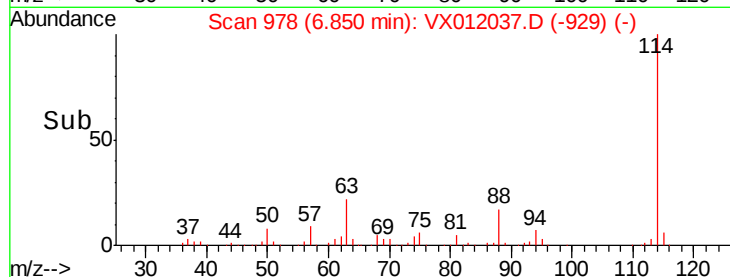
88 16.6 0.0 29.6



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: 47.984 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012037.D

Acq: 03 Sep 2019 22:14

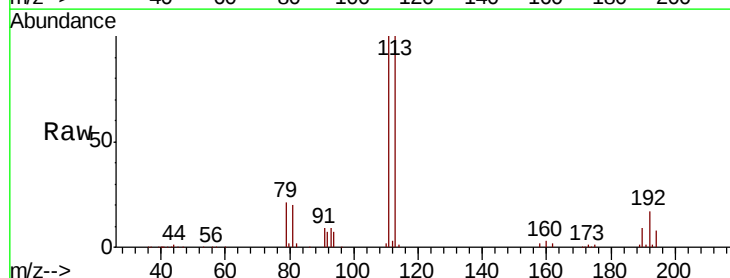
Tgt Ion:113 Resp: 80838

Ion Ratio Lower Upper

113 100

111 101.7 81.7 122.5

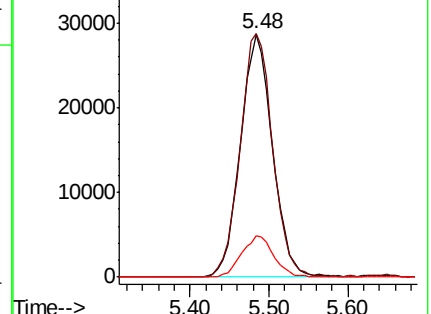
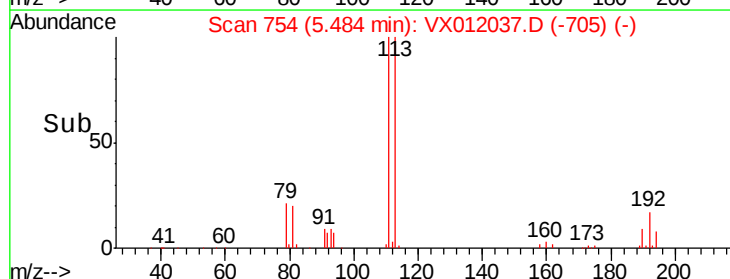
192 17.0 22.5 33.7#

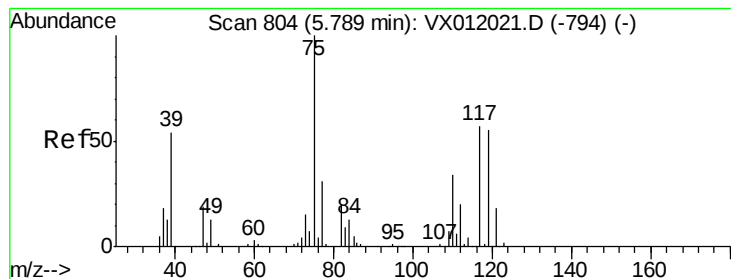


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.803 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012037.D

Acq: 03 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C3-(2.5)

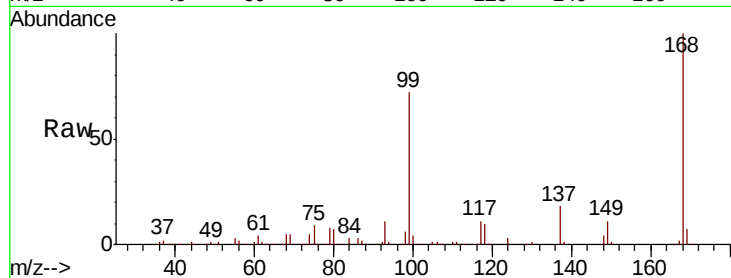
Tgt Ion: 75 Resp: 14002

Ion Ratio Lower Upper

75 100

110 11.2 19.5 58.5#

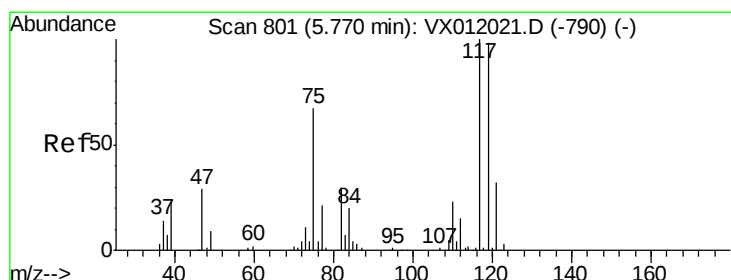
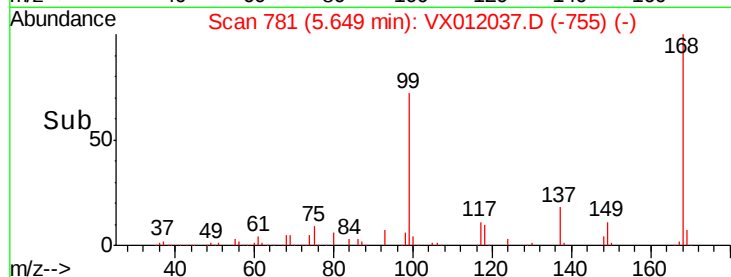
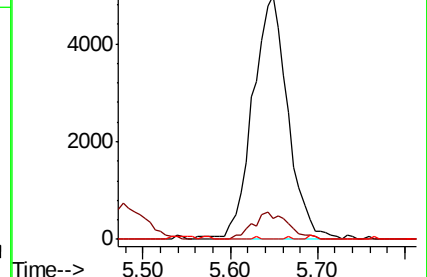
77 0.1 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX012021.D (-794) (-)

Ion 109.90 (109.60 to 110.60): VX012021.D (-794) (-)

Ion 76.90 (76.60 to 77.60): VX012021.D (-794) (-)



#38

Carbon Tetrachloride

Concen: 6.934 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX012037.D

Acq: 03 Sep 2019 22:14

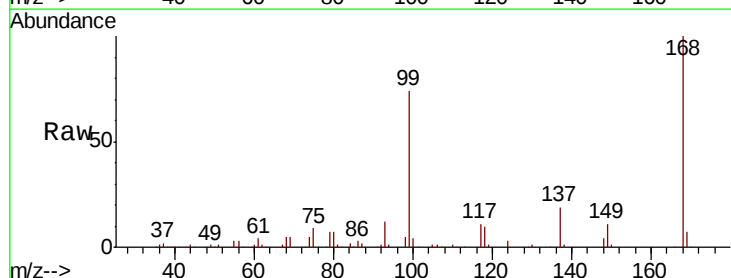
Tgt Ion: 117 Resp: 17630

Ion Ratio Lower Upper

117 100

119 5.2 78.3 117.5#

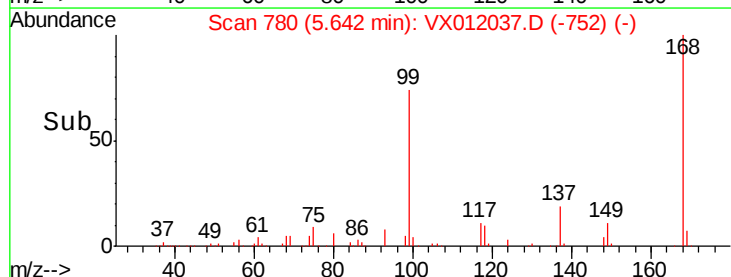
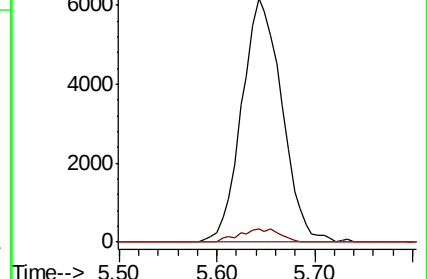
121 0.0 24.2 36.2#

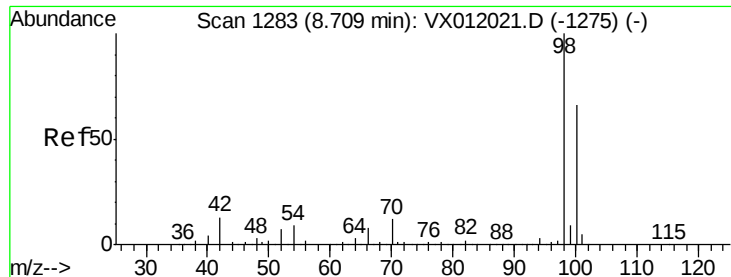


Abundance Ion 116.80 (116.50 to 117.50): VX012021.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012021.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012021.D (-790) (-)

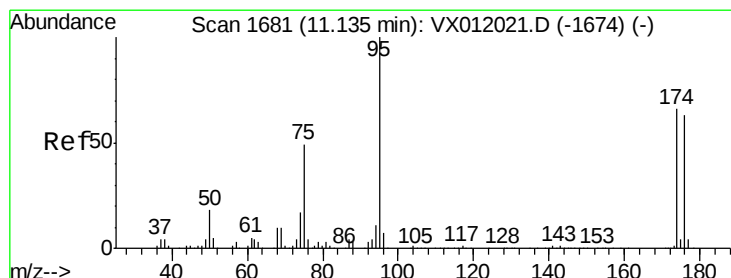
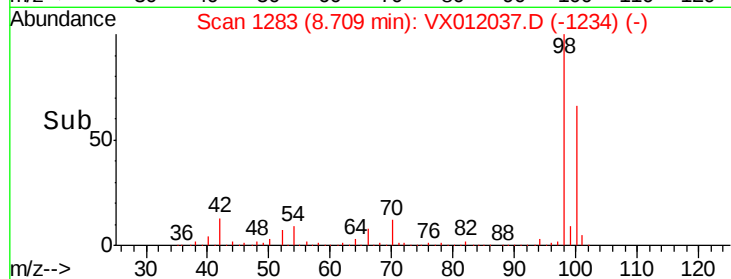
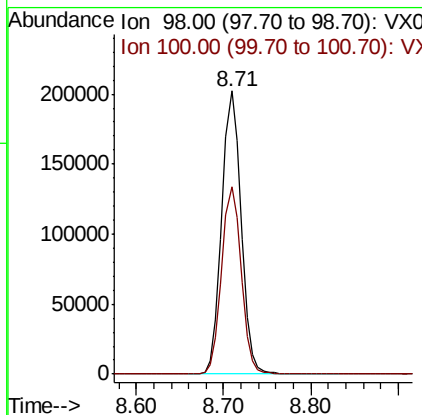
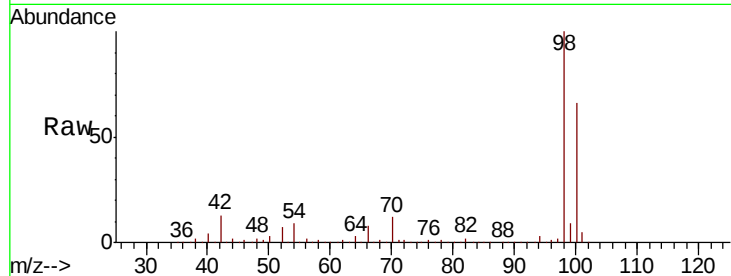




#50
Toluene-d8
Concen: 50.194 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

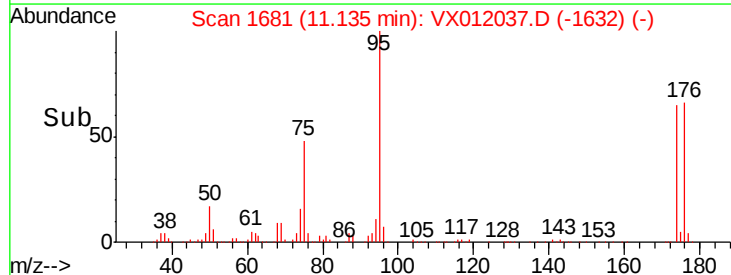
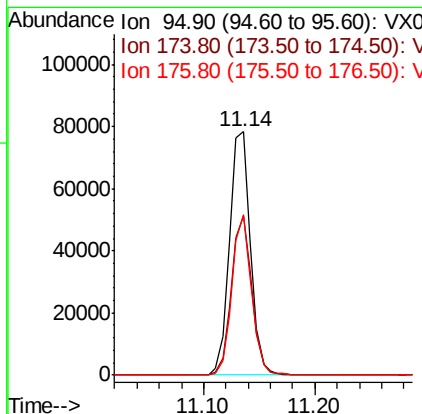
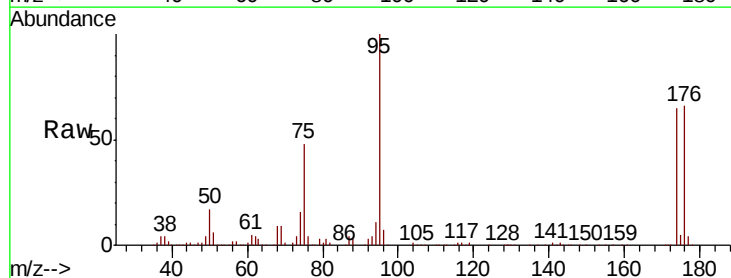
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

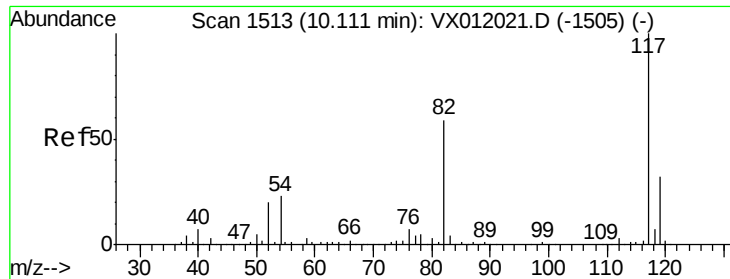
Tgt Ion: 98 Resp: 310299
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 35.382 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

Tgt Ion: 95 Resp: 101724
Ion Ratio Lower Upper
95 100
174 63.6 0.0 205.4
176 61.6 0.0 201.8

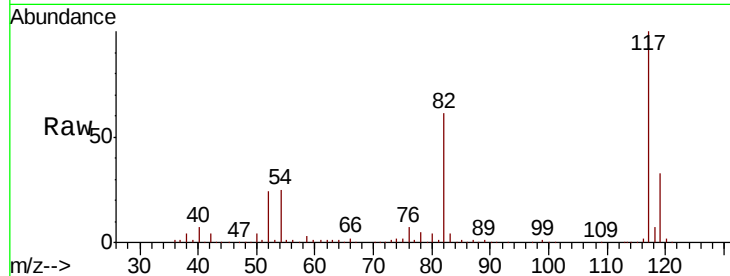




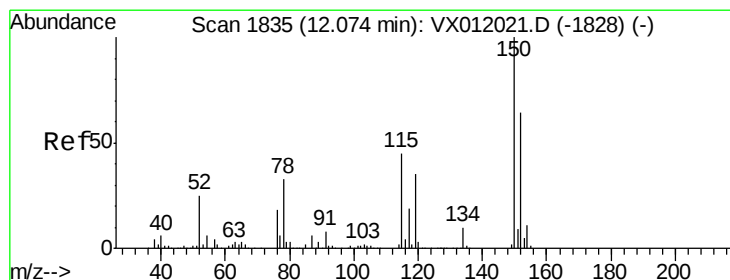
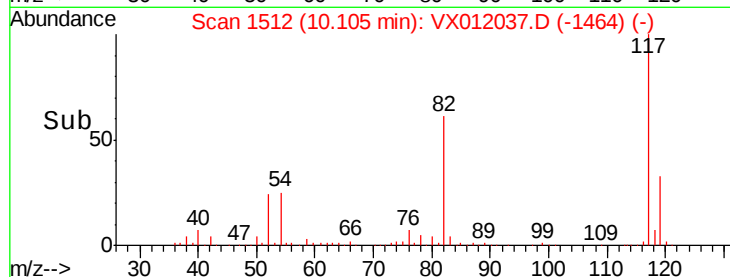
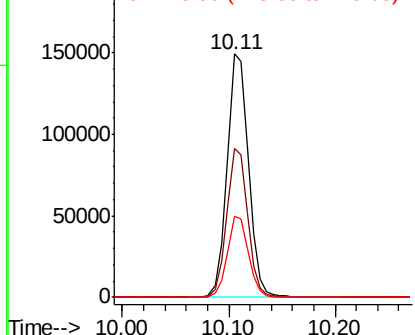
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(2.5)

Tgt Ion:117 Resp: 211177
Ion Ratio Lower Upper
117 100
82 61.3 39.4 59.0#
119 33.2 26.1 39.1

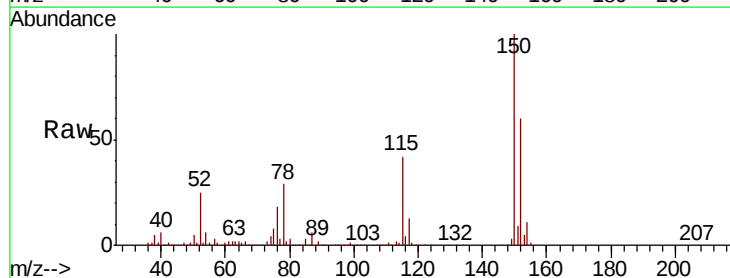


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

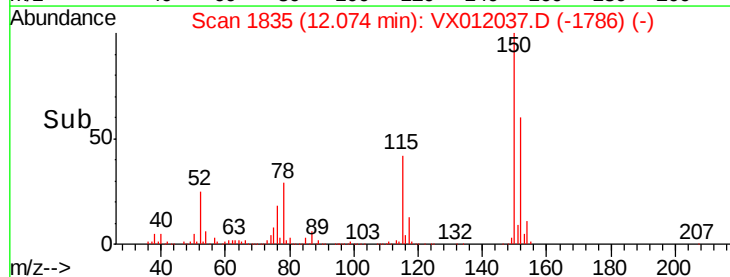
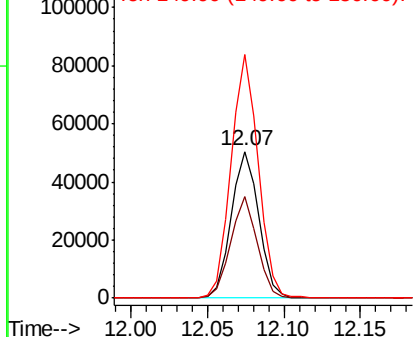


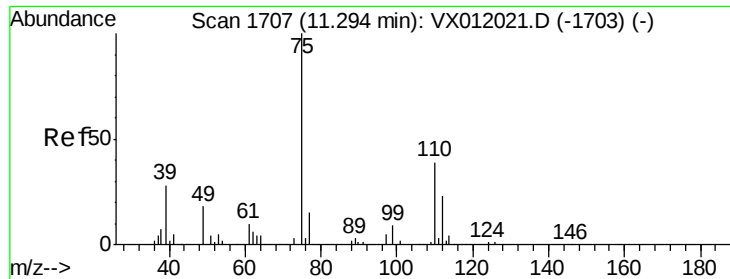
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012037.D
Acq: 03 Sep 2019 22:14

Tgt Ion:152 Resp: 63170
Ion Ratio Lower Upper
152 100
115 66.3 36.4 109.3
150 162.8 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

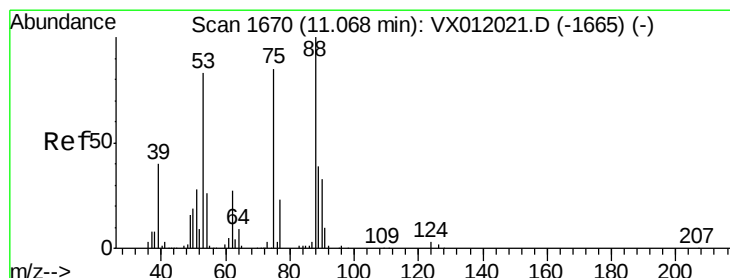
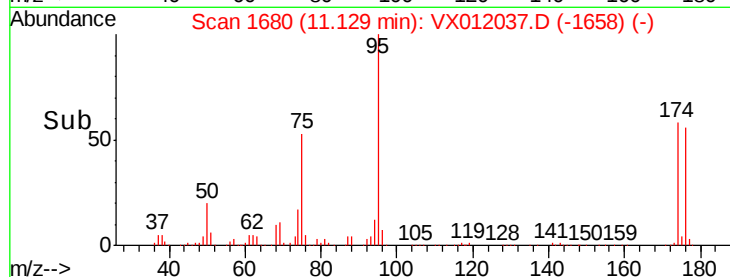
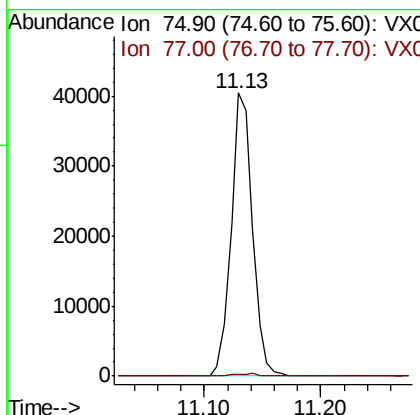
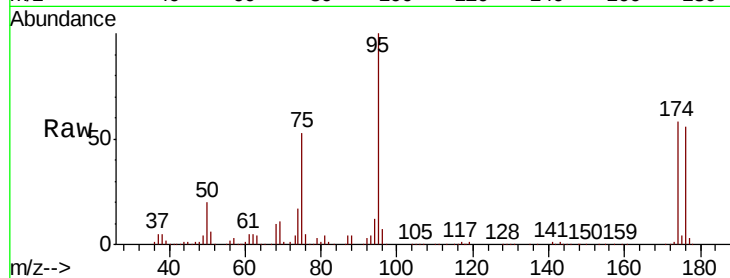




#76
 1,2,3-Trichloropropane
 Concen: 66.829 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012037.D
 Acq: 03 Sep 2019 22:14

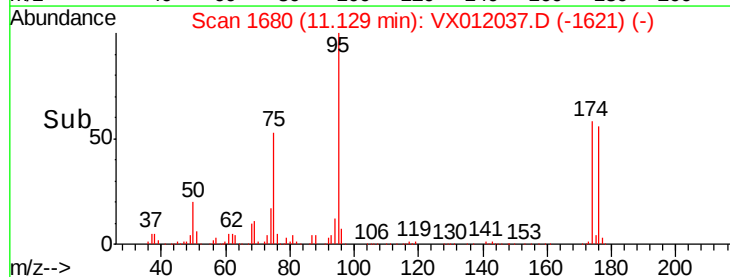
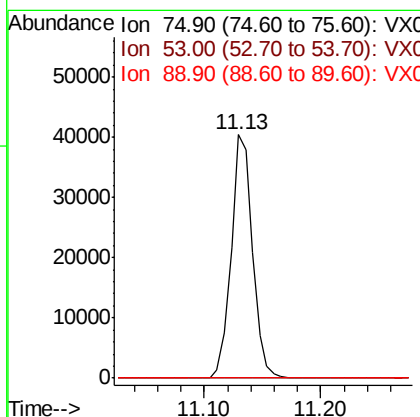
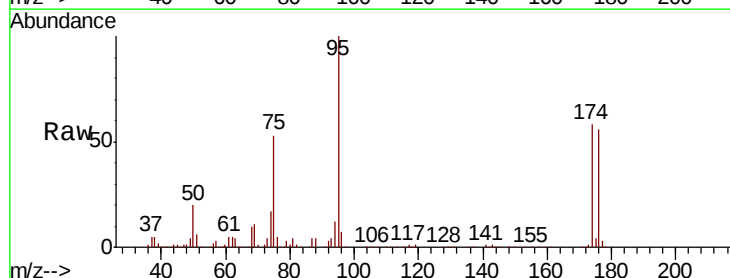
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(2.5)

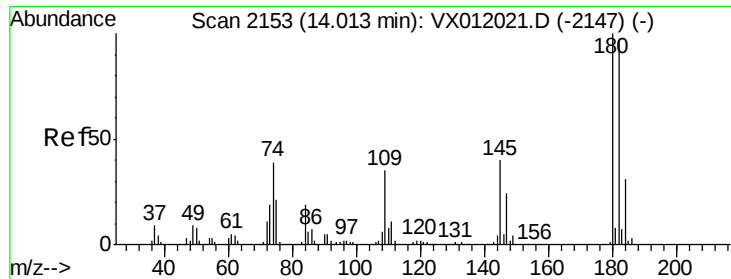
Tgt Ion: 75 Resp: 51581
 Ion Ratio Lower Upper
 75 100
 77 1.0 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.993 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012037.D
 Acq: 03 Sep 2019 22:14

Tgt Ion: 75 Resp: 51581
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.6 117.8#
 89 0.0 38.8 58.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 12.892 ug/l
 RT: 14.03 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VX012037.D
 Acq: 03 Sep 2019 22:14

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(2.5)

Tgt Ion:180 Resp: 15102
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 9.1 14.1 42.4#

