

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012158.D
 Acq On : 06 Sep 2019 19:52
 Operator : SY/SP
 Sample : K4601-15
 Misc : 4.28g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F1-(2.7)

Quant Time: Sep 07 01:16:48 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

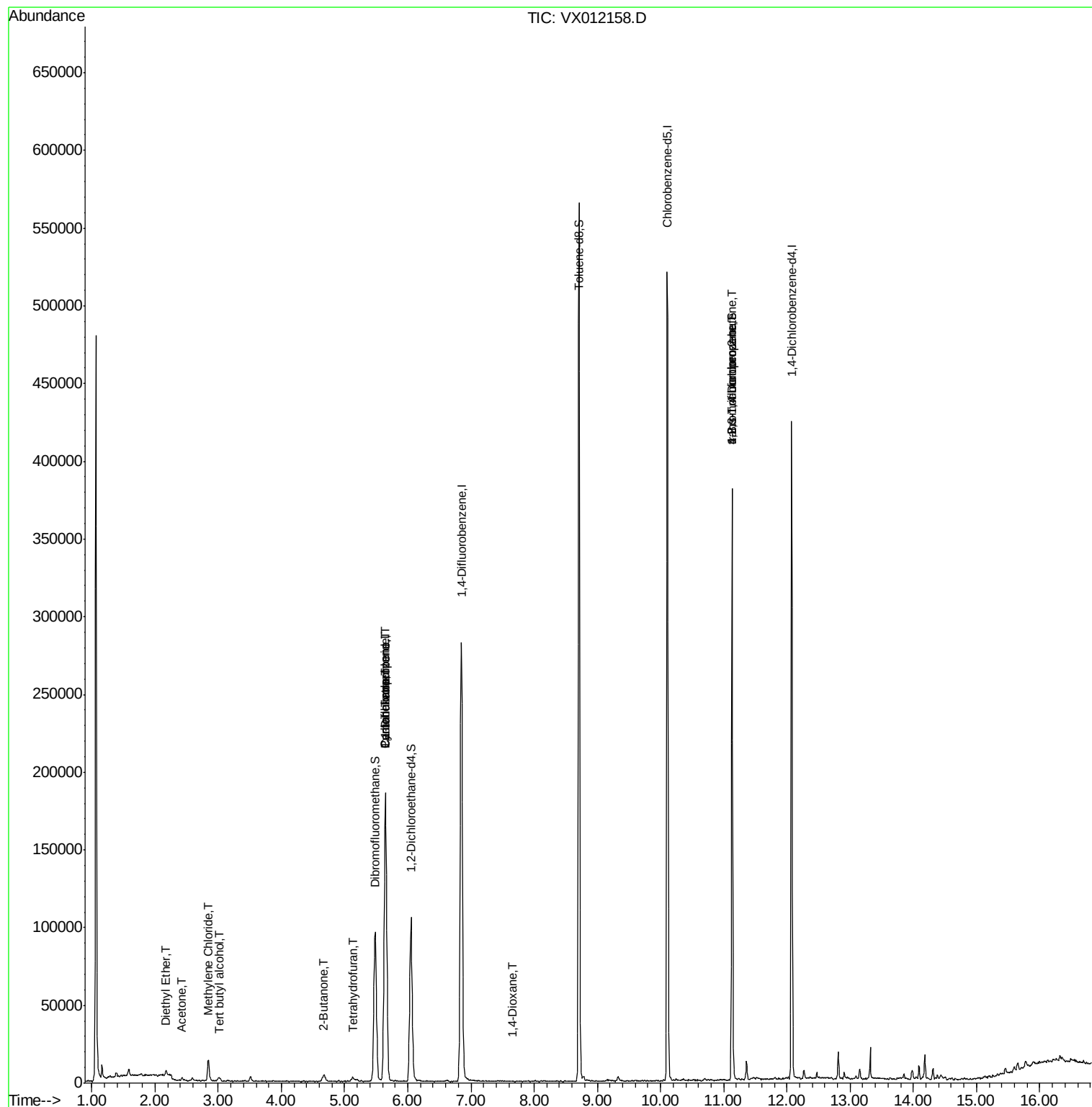
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	271185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107155	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.48	113	81428	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	313393	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.13	95	111727	39.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.52%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.17	74	1240	1.679	ug/l	93
11) Tert butyl alcohol	3.02	59	2538	12.367	ug/l #	88
13) Acrolein	2.22	56	307	Below Cal	#	39
16) Acetone	2.43	43	2093	4.098	ug/l #	86
20) Methylene Chloride	2.84	84	6745	3.289	ug/l	93
25) 2-Butanone	4.67	43	652	1.003	ug/l #	48
29) Tetrahydrofuran	5.13	42	2361	6.028	ug/l	88
31) Cyclohexane	5.65	56	4290	1.638	ug/l #	28
36) 1,1-Dichloropropene	5.65	75	14278	5.978	ug/l #	49
38) Carbon Tetrachloride	5.64	117	18169	7.219	ug/l #	15
49) 1,4-Dioxane	7.66	88	25	1.381	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	58616	61.099	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	58616	144.448	ug/l #	10

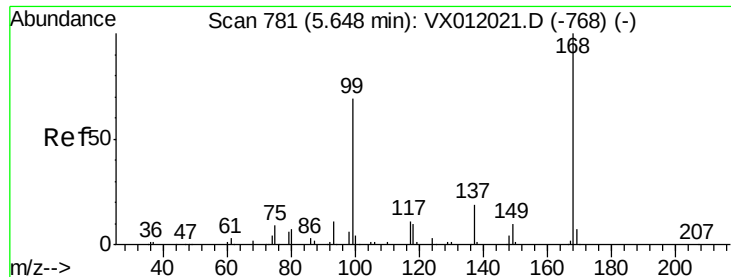
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012158.D

Acq: 06 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

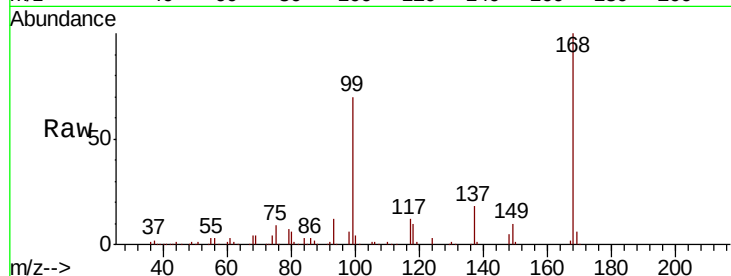
T12-F1-(2.7)

Tgt Ion:168 Resp: 154856

Ion Ratio Lower Upper

168 100

99 70.3 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

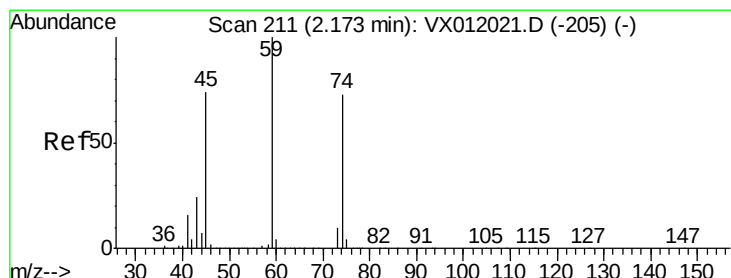
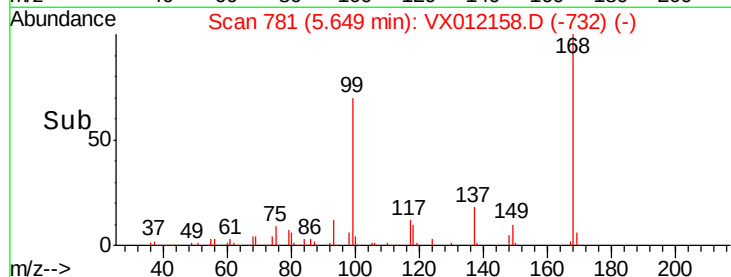
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.679 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012158.D

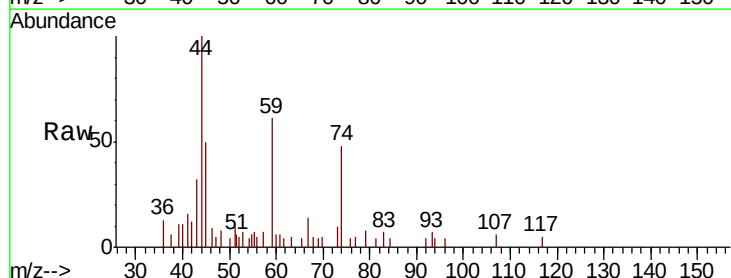
Acq: 06 Sep 2019 19:52

Tgt Ion: 74 Resp: 1240

Ion Ratio Lower Upper

74 100

45 97.9 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

800

600

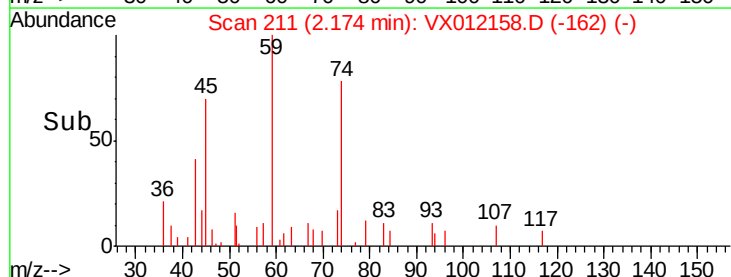
400

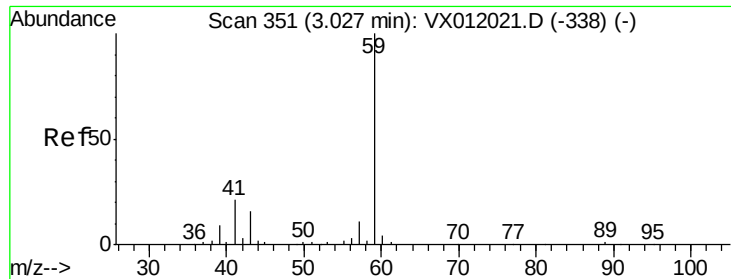
200

0

Time-->

2.10 2.15 2.20 2.25

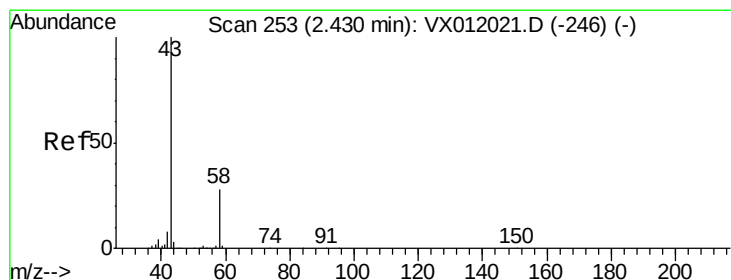
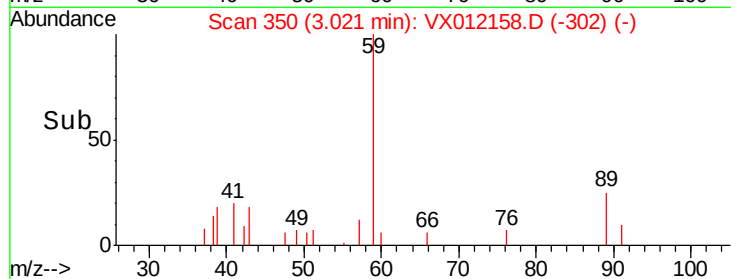
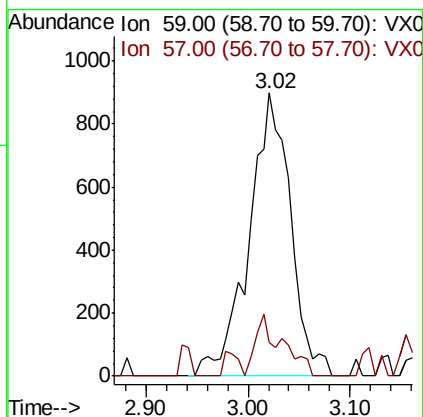
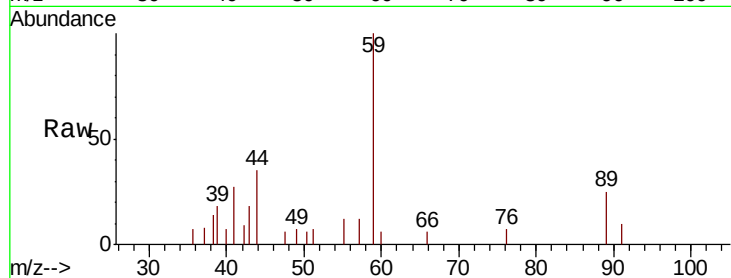




#11
Tert butyl alcohol
Concen: 12.367 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

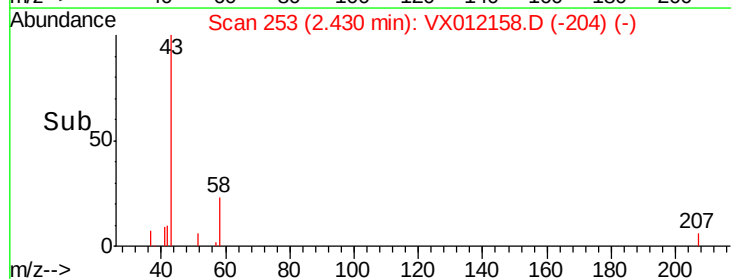
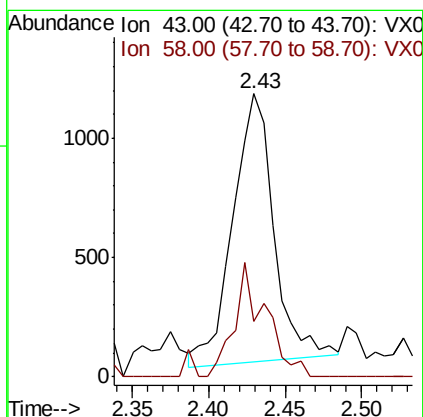
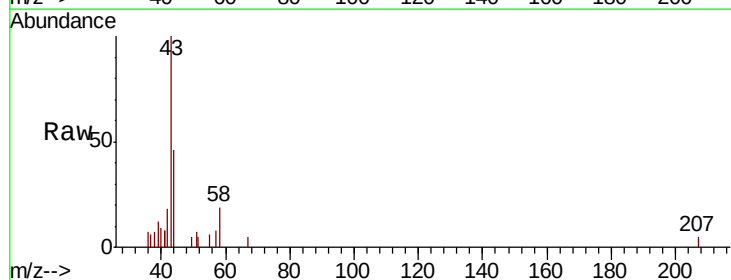
Instrument :
MSVOA_X
ClientSampleId :
T12-F1-(2.7)

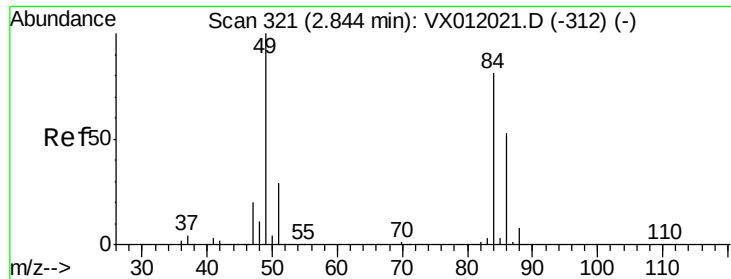
Tgt Ion: 59 Resp: 2538
Ion Ratio Lower Upper
59 100
57 14.2 7.9 11.9#



#16
Acetone
Concen: 4.098 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
58 21.2 22.8 34.2#

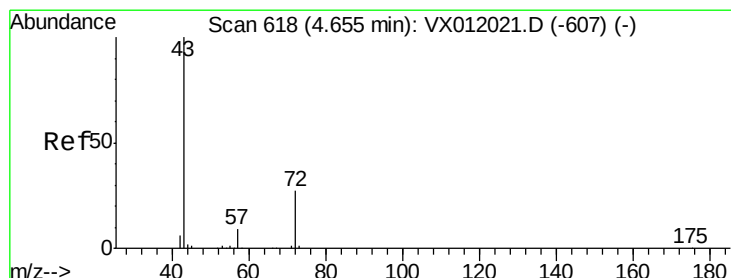
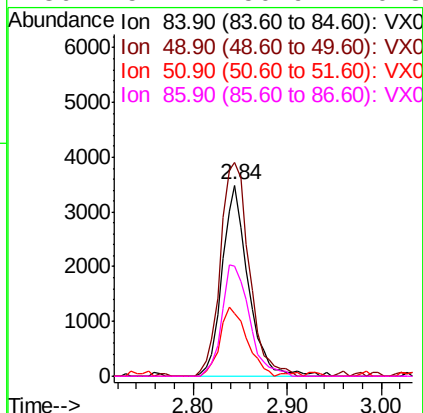
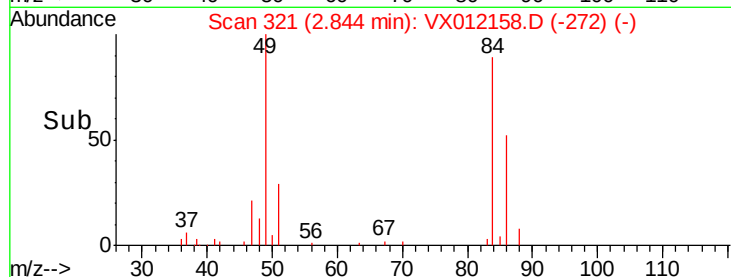
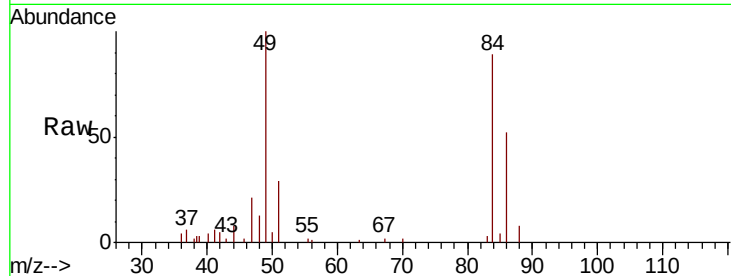




#20
Methylene Chloride
Concen: 3.289 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

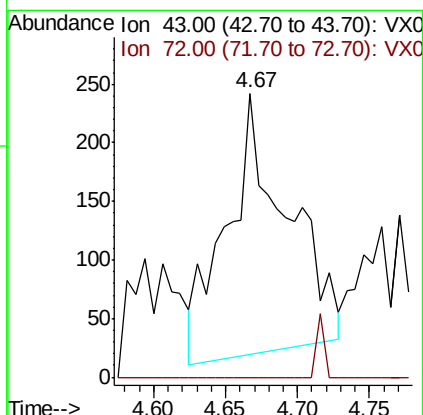
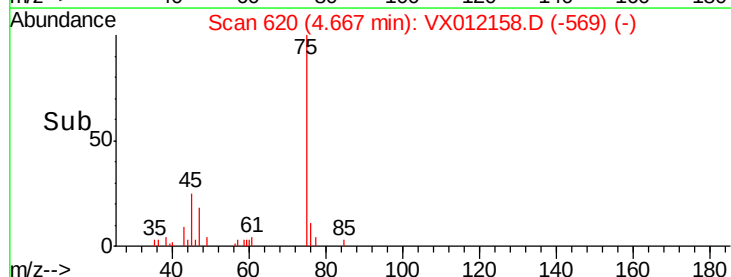
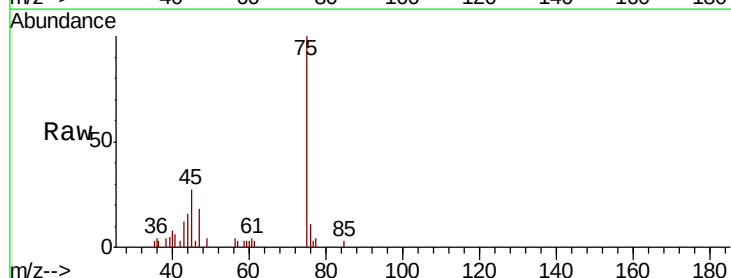
Instrument :
MSVOA_X
ClientSampled :
T12-F1-(2.7)

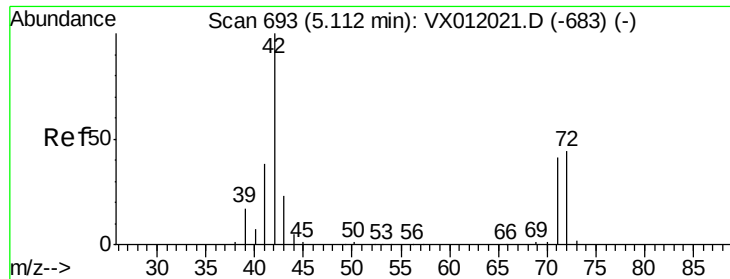
Tgt Ion:	84	Resp:	6745
Ion	Ratio	Lower	Upper
84	100		
49	111.8	95.8	143.8
51	33.0	28.6	43.0
86	57.7	50.9	76.3



#25
2-Butanone
Concen: 1.003 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

Tgt Ion:	43	Resp:	652
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.3	31.9#

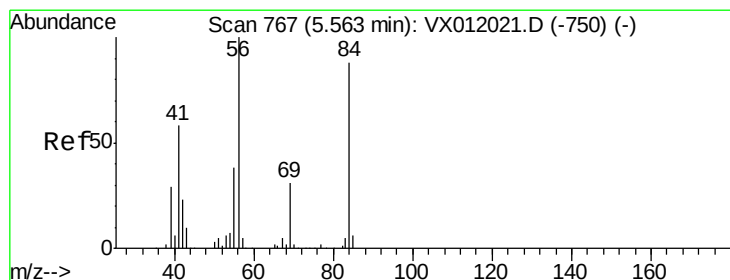
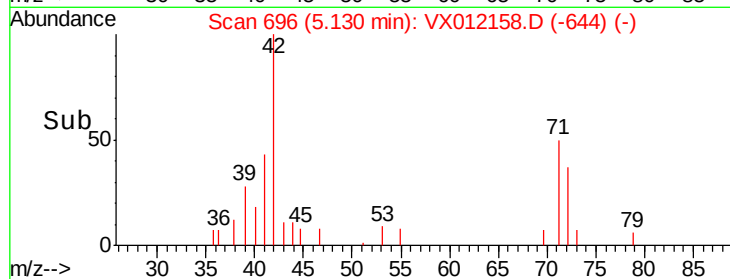
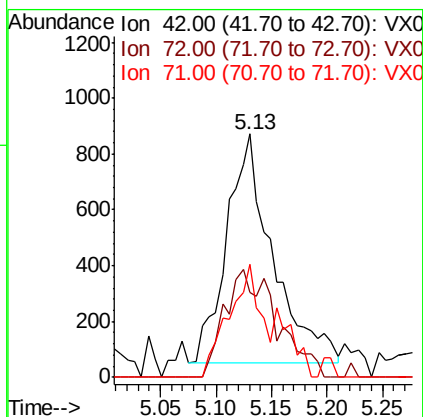
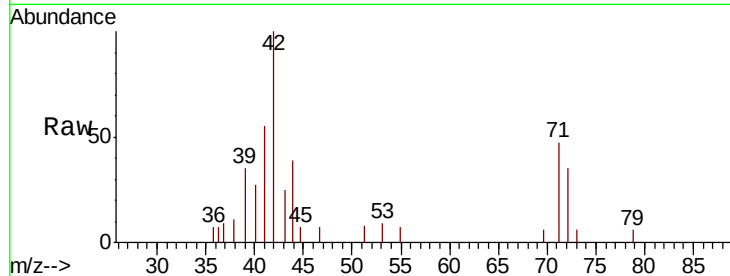




#29
Tetrahydrofuran
Concen: 6.028 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

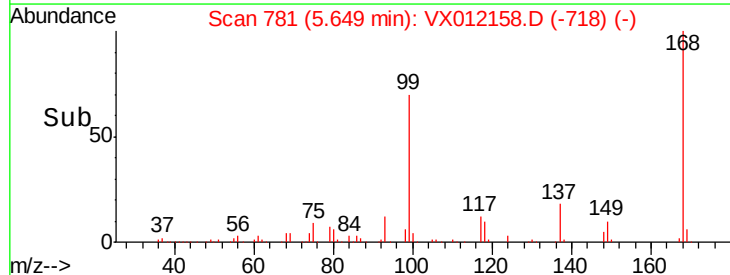
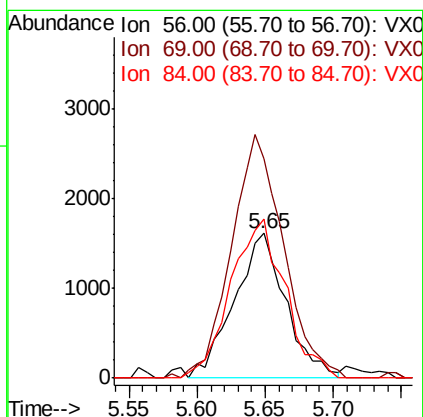
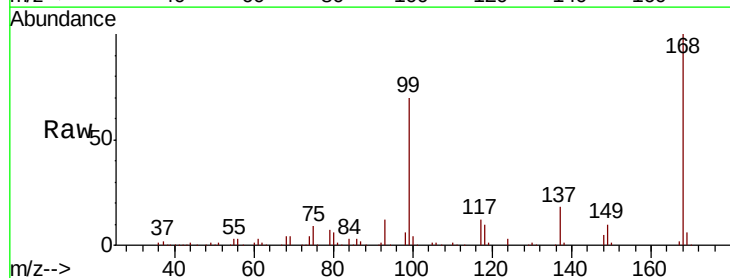
Instrument :
MSVOA_X
ClientSampleId :
T12-F1-(2.7)

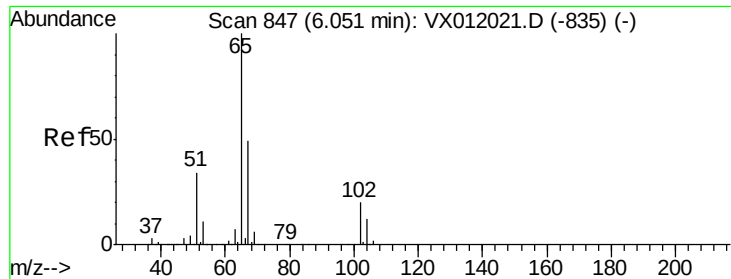
Tgt Ion: 42 Resp: 2361
Ion Ratio Lower Upper
42 100
72 53.2 37.0 55.4
71 34.0 33.8 50.8



#31
Cyclohexane
Concen: 1.638 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

Tgt Ion: 56 Resp: 4290
Ion Ratio Lower Upper
56 100
69 146.1 25.7 38.5#
84 109.6 70.3 105.5#

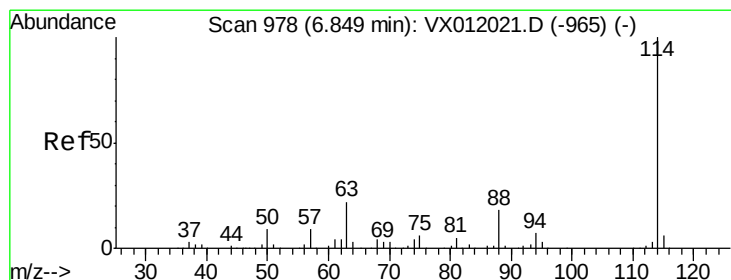
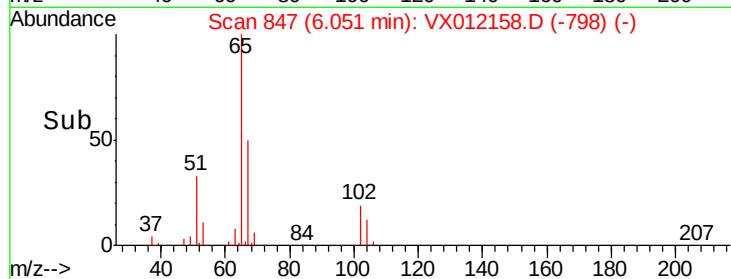
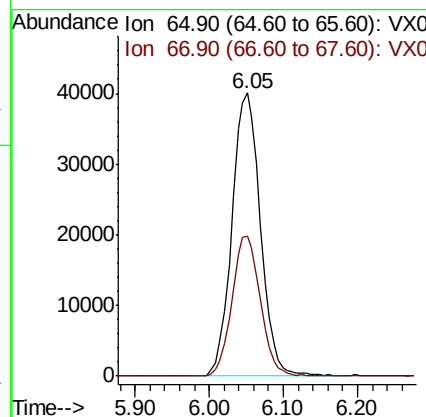
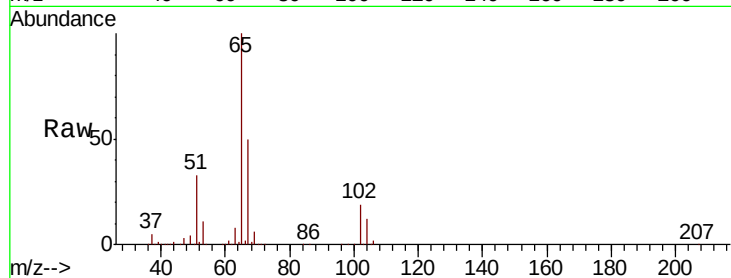




#33
 1,2-Dichloroethane-d4
 Concen: 50.150 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

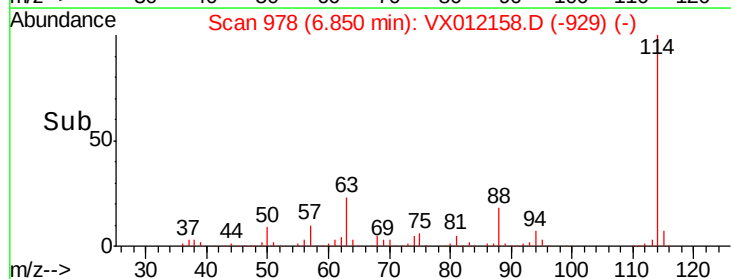
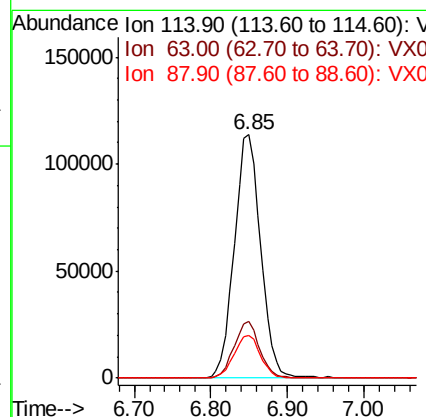
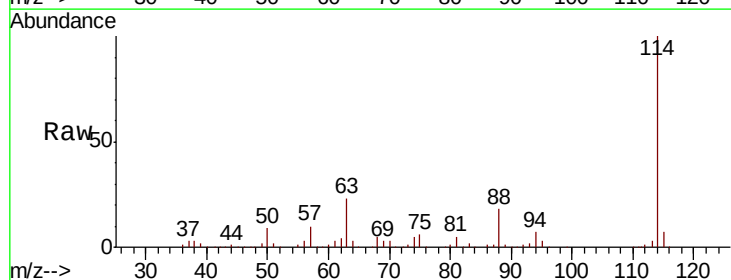
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F1-(2.7)

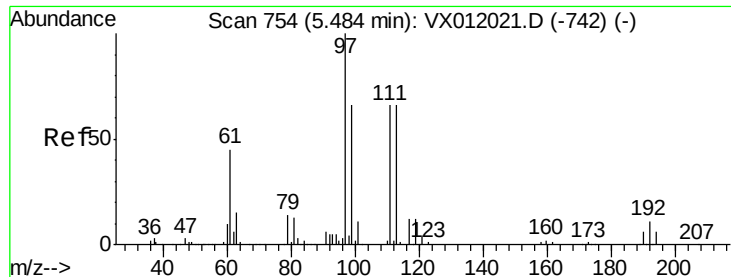
Tgt Ion: 65 Resp: 107155
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

Tgt Ion: 114 Resp: 271185
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.4
 88 17.6 0.0 29.6

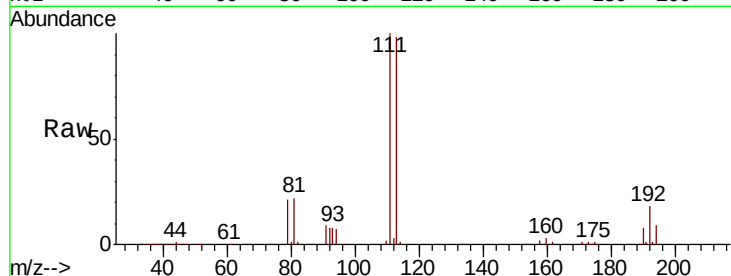




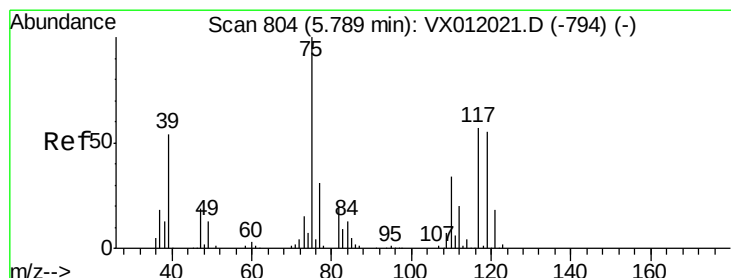
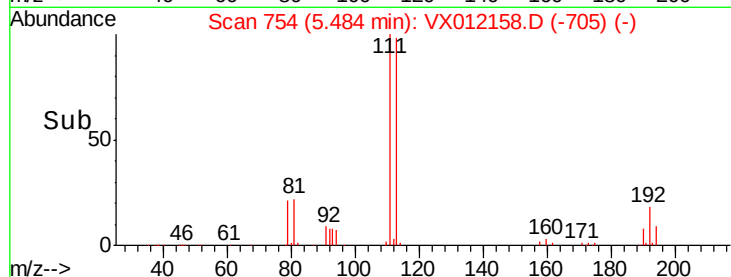
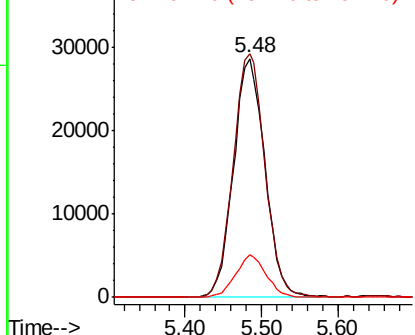
#35
 Dibromofluoromethane
 Concen: 48.826 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F1-(2.7)

Tgt Ion: 113 Resp: 81428
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 17.4 22.5 33.7#

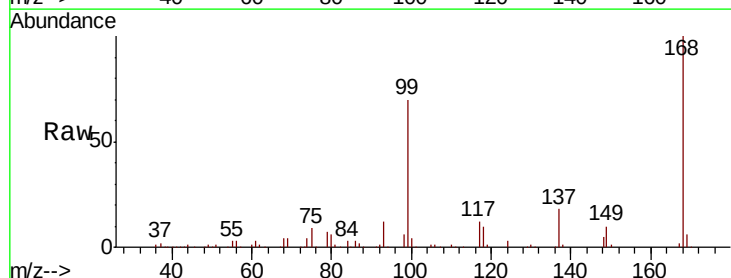


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

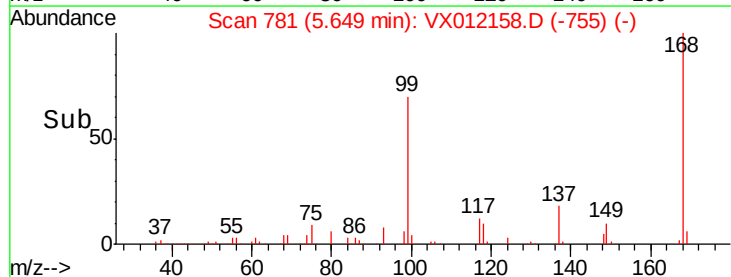
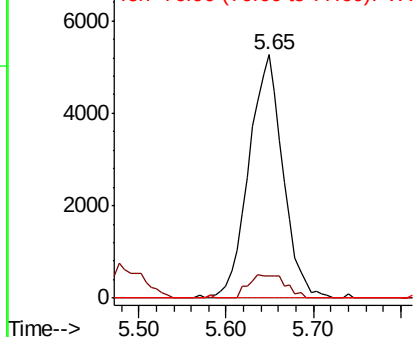


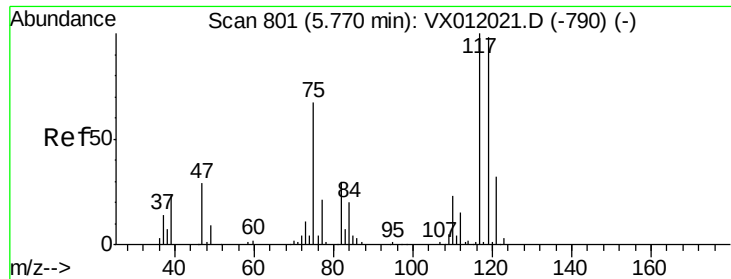
#36
 1,1-Dichloropropene
 Concen: 5.978 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

Tgt Ion: 75 Resp: 14278
 Ion Ratio Lower Upper
 75 100
 110 10.4 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

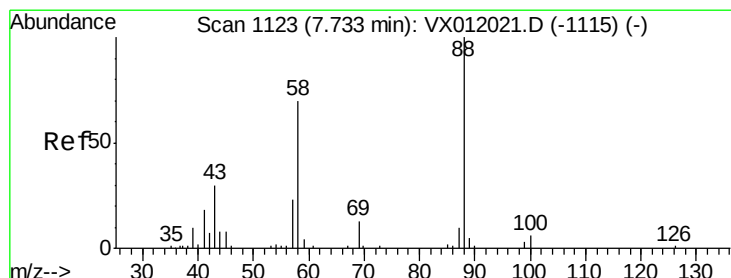
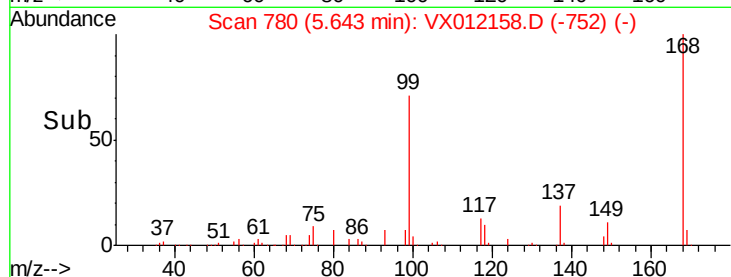
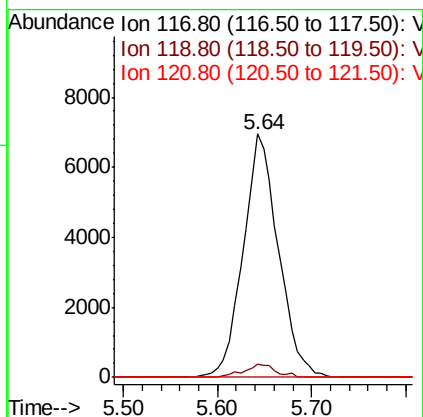
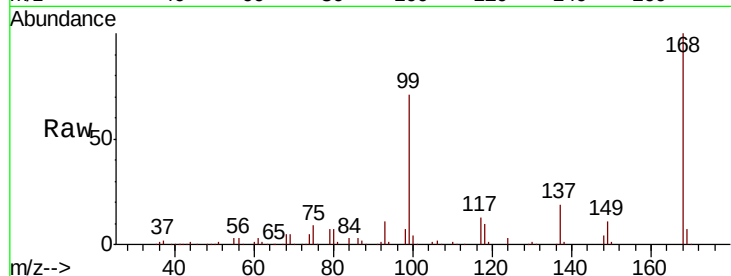




#38
Carbon Tetrachloride
Concen: 7.219 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

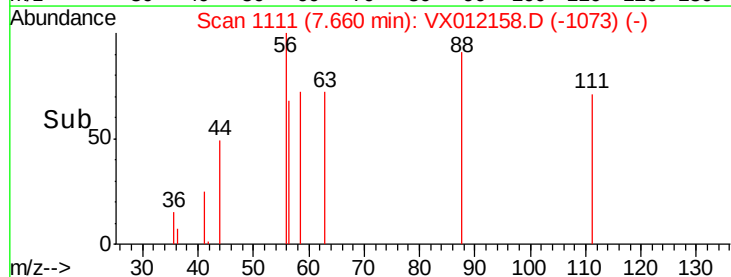
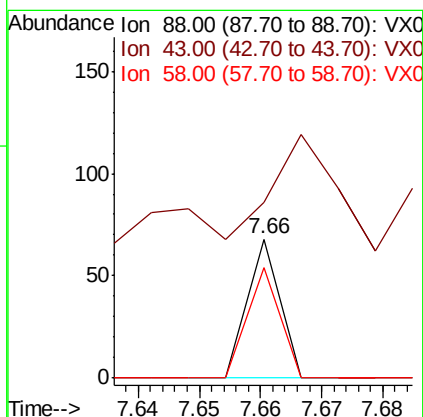
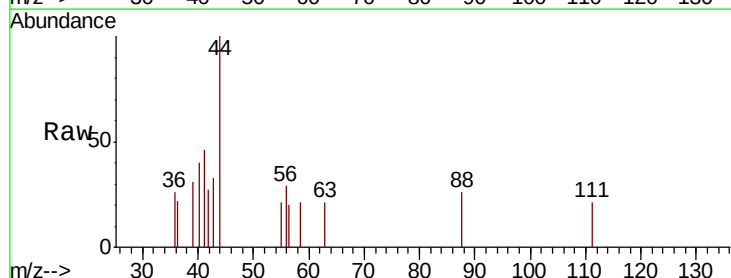
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T12-F1-(2.7)

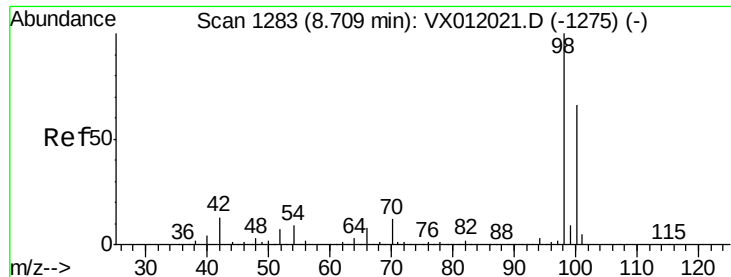
Tgt Ion:117 Resp: 18169
Ion Ratio Lower Upper
117 100
119 5.4 78.3 117.5#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 1.381 ug/l
RT: 7.66 min Scan# 1111
Delta R.T. -0.07 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 788.0 29.8 44.6#
58 80.0 55.4 83.2

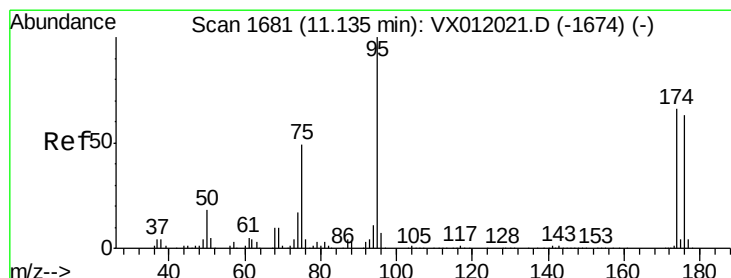
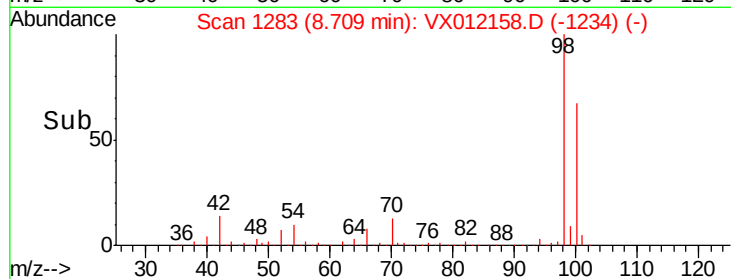
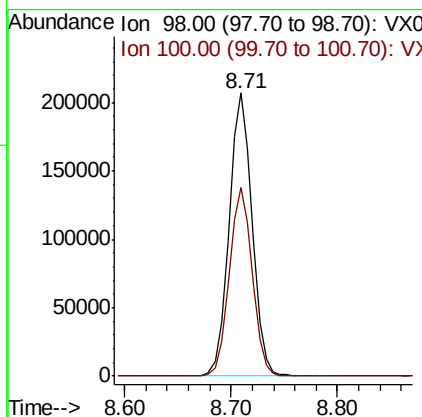
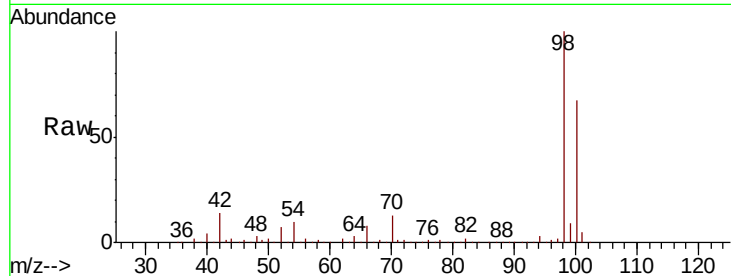




#50
Toluene-d8
Concen: 51.210 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

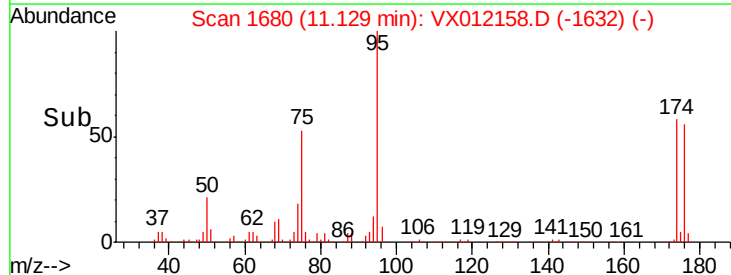
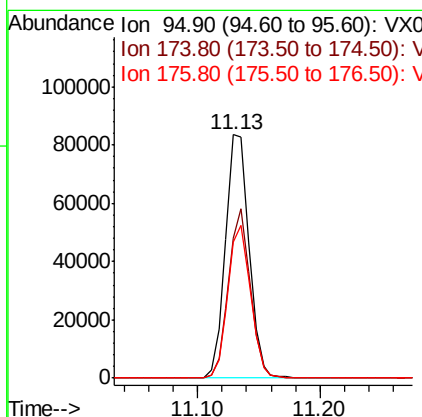
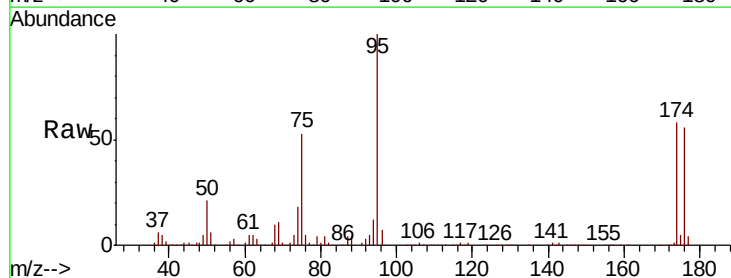
Instrument :
MSVOA_X
ClientSampleId :
T12-F1-(2.7)

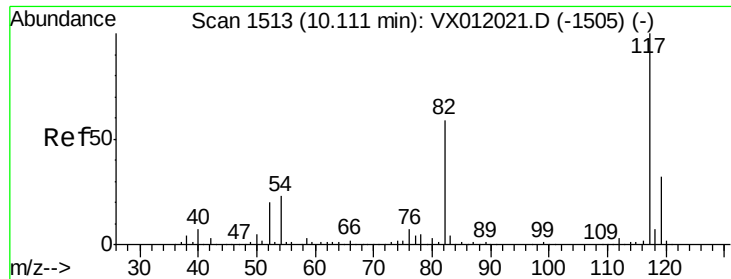
Tgt Ion: 98 Resp: 313393
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 39.257 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

Tgt Ion: 95 Resp: 111727
Ion Ratio Lower Upper
95 100
174 64.1 0.0 205.4
176 60.3 0.0 201.8

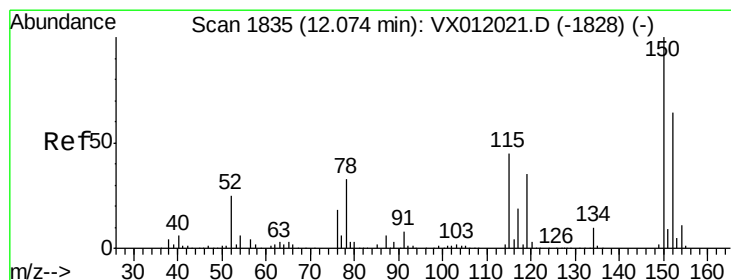
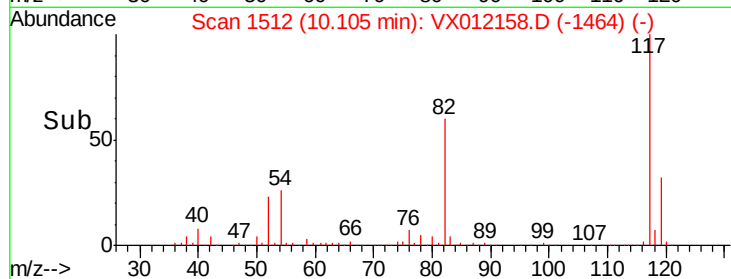
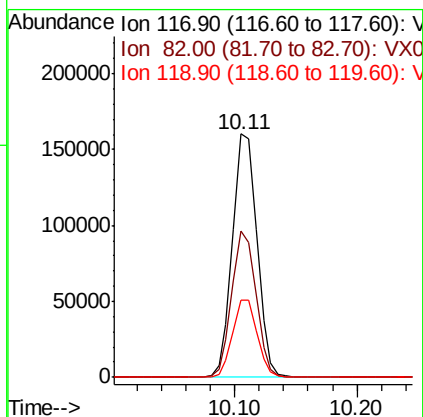
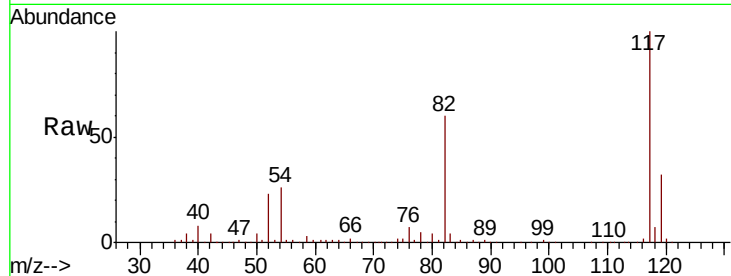




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

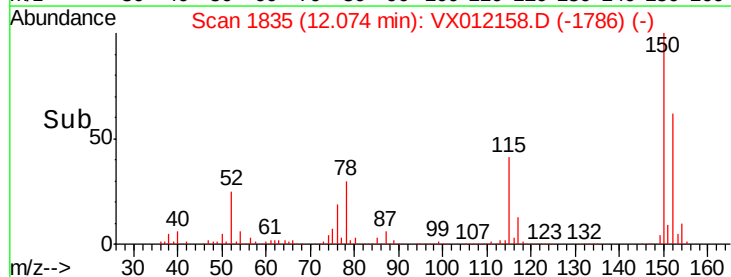
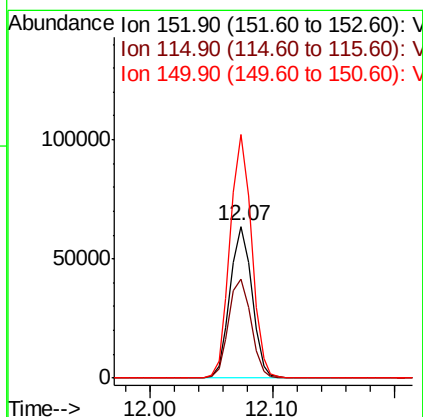
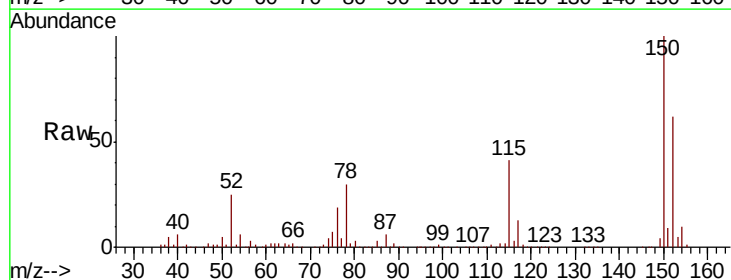
Instrument :
MSVOA_X
ClientSampled :
T12-F1-(2.7)

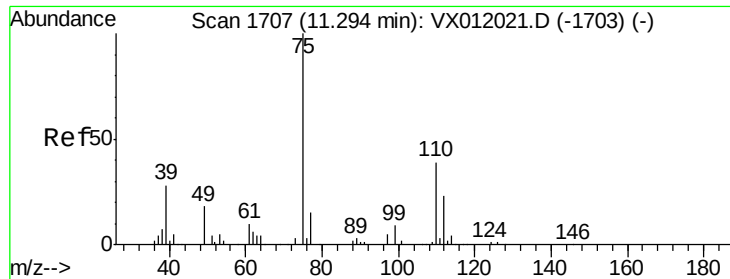
Tgt Ion:117 Resp: 222812
Ion Ratio Lower Upper
117 100
82 60.1 39.4 59.0#
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

Tgt Ion:152 Resp: 78517
Ion Ratio Lower Upper
152 100
115 67.5 36.4 109.3
150 158.4 0.0 341.2





#76

1,2,3-Trichloropropane

Concen: 61.099 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012158.D

Acq: 06 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

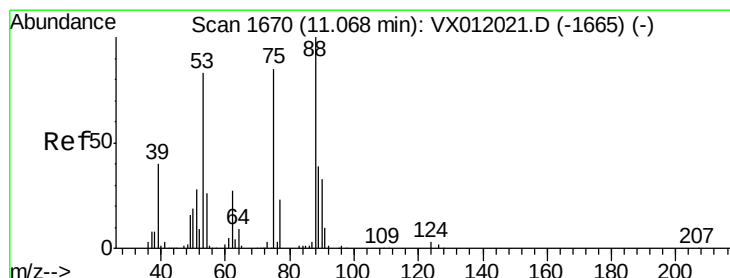
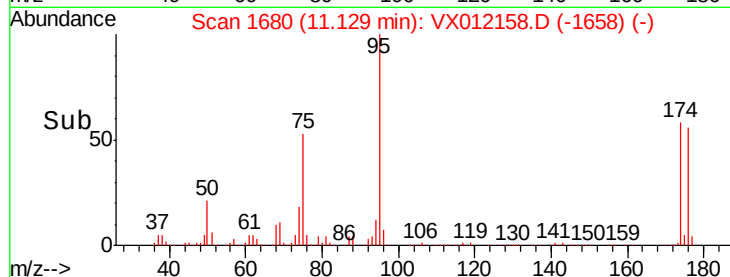
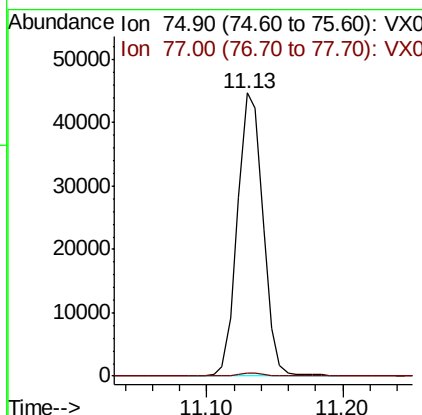
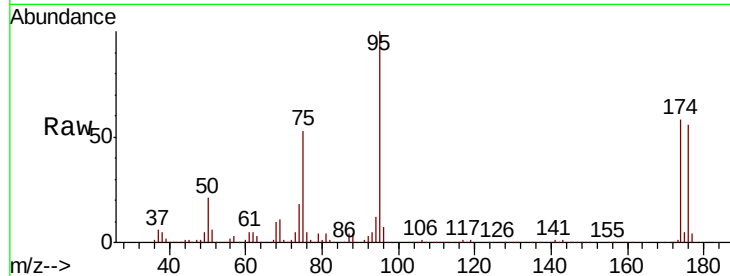
T12-F1-(2.7)

Tgt Ion: 75 Resp: 58616

Ion Ratio Lower Upper

75 100

77 1.4 23.5 70.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.448 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012158.D

Acq: 06 Sep 2019 19:52

Tgt Ion: 75 Resp: 58616

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

89 0.0 38.8 58.2#

