

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012160.D
 Acq On : 06 Sep 2019 20:48
 Operator : SY/SP
 Sample : K4601-17
 Misc : 3.76g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F3-(2.7)

Quant Time: Sep 07 01:17:07 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	148154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	79148	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	103828	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
35) Dibromofluoromethane	5.48	113	77691	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	301900	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	109530	40.51	ug/l	0.00
Spiked Amount			Recovery	=	81.02%	

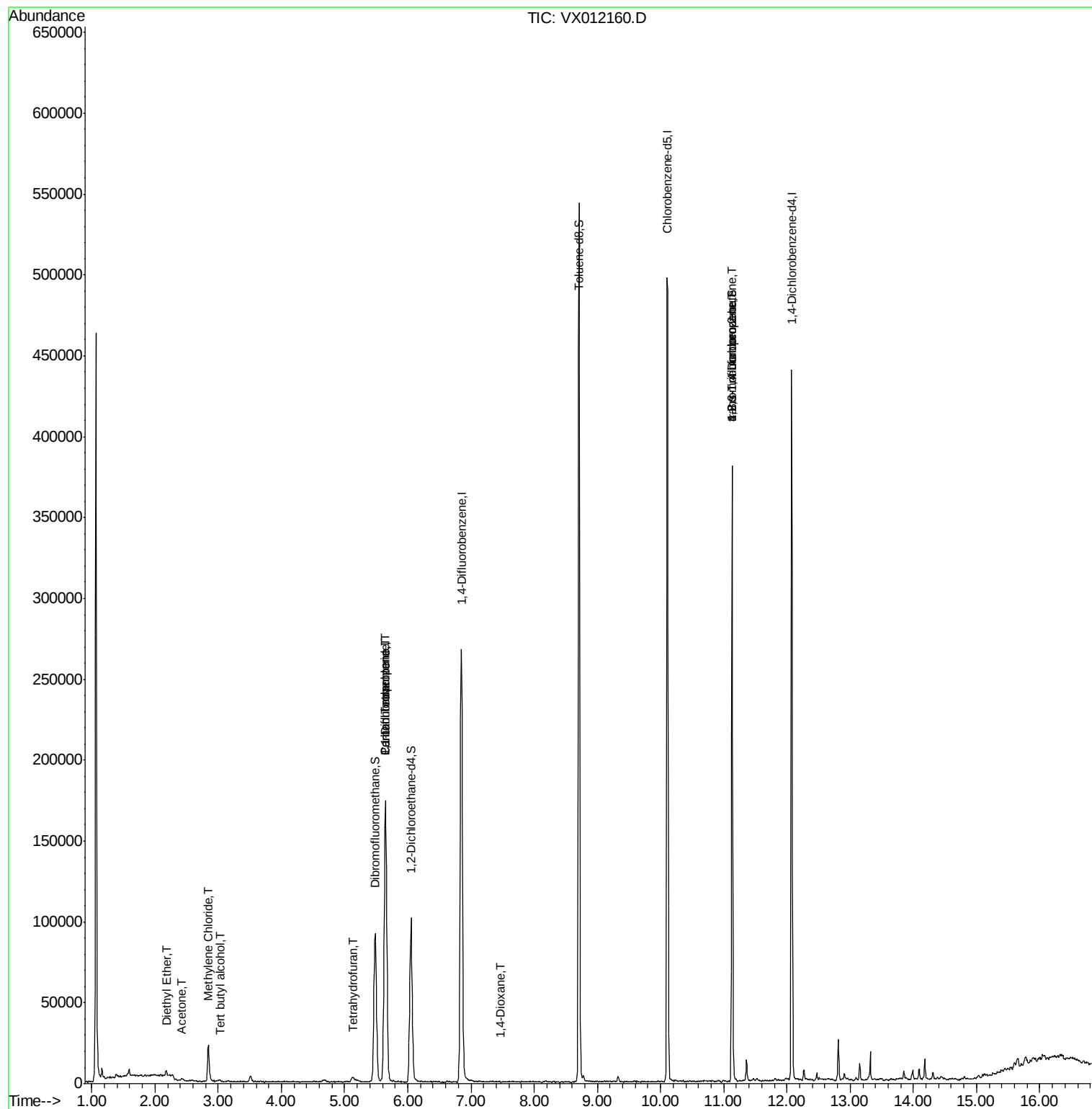
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.18	74	1077	1.524	ug/l	79
11) Tert butyl alcohol	3.03	59	1289	6.565	ug/l	99
13) Acrolein	2.30	56	80	Below Cal	#	1
16) Acetone	2.43	43	1856	3.798	ug/l	94
20) Methylene Chloride	2.84	84	10115	5.155	ug/l	92
29) Tetrahydrofuran	5.13	42	3156	8.422	ug/l #	78
36) 1,1-Dichloropropene	5.64	75	13757	6.063	ug/l #	45
38) Carbon Tetrachloride	5.65	117	17051	7.132	ug/l #	14
49) 1,4-Dioxane	7.47	88	22	1.279	ug/l #	23
76) 1,2,3-Trichloropropane	11.13	75	57727	59.693	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	57727	141.123	ug/l #	10

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

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T12-F3-(2.7)

Quant Time: Sep 07 01:17:07 2019
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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: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

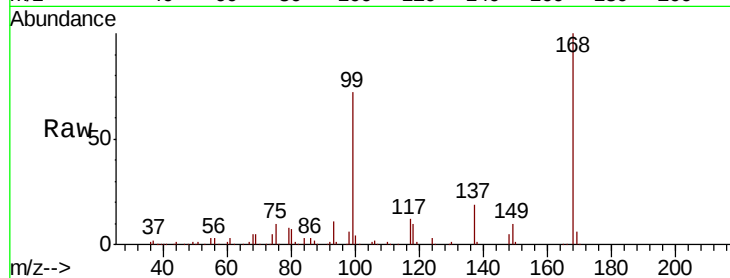
T12-F3-(2.7)

Tgt Ion:168 Resp: 148154

Ion Ratio Lower Upper

168 100

99 72.4 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

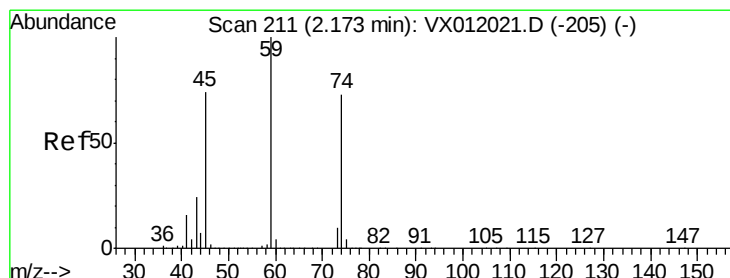
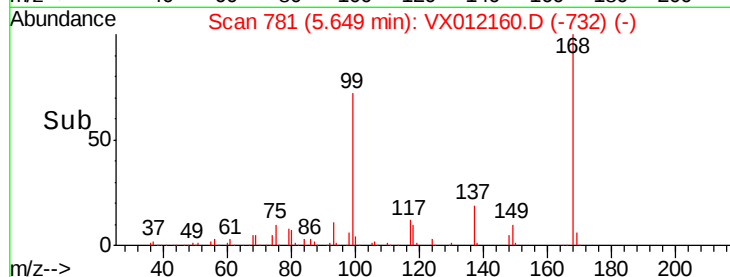
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.524 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX012160.D

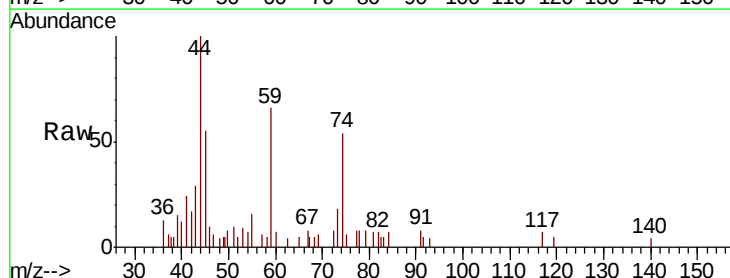
Acq: 06 Sep 2019 20:48

Tgt Ion: 74 Resp: 1077

Ion Ratio Lower Upper

74 100

45 112.1 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

800

600

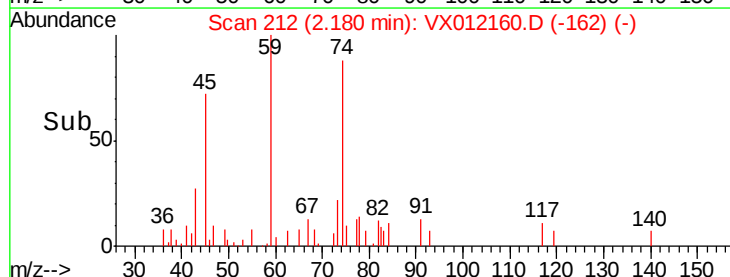
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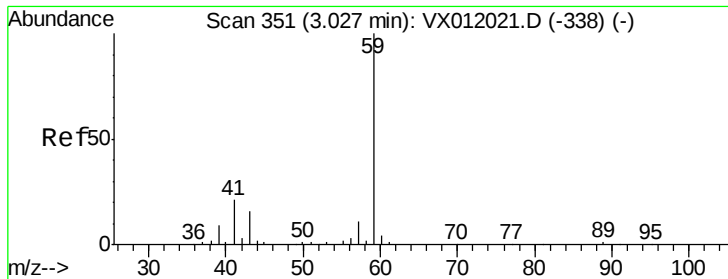
200

0

Time-->

2.10 2.15 2.20

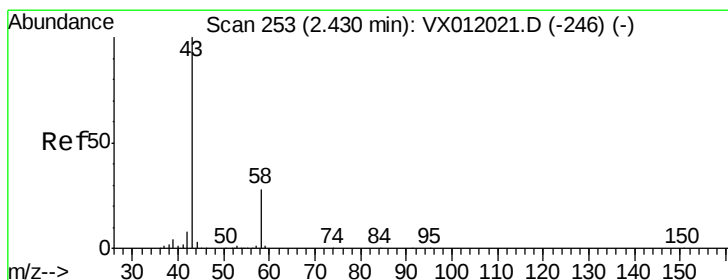
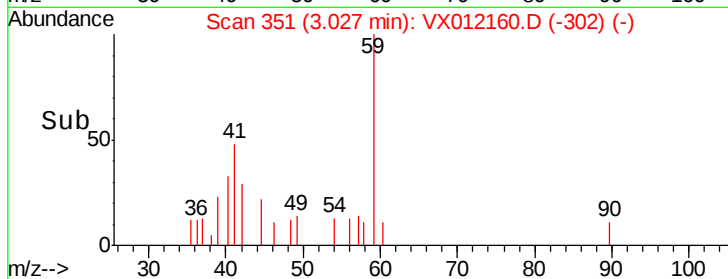
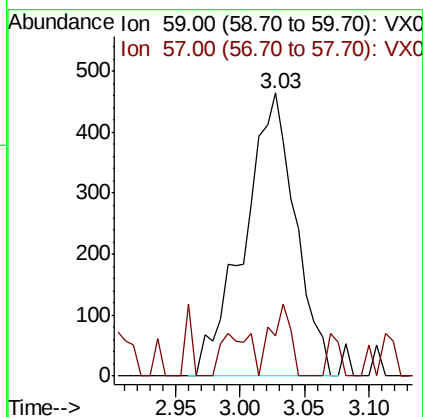
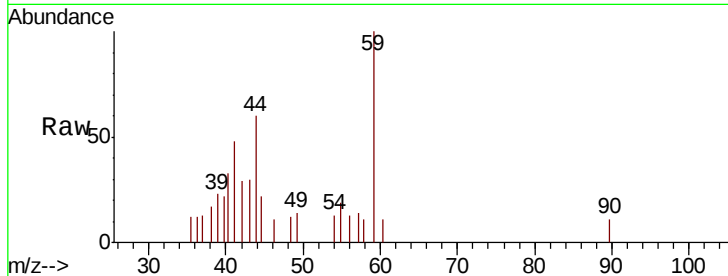




#11
Tert butyl alcohol
Concen: 6.565 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

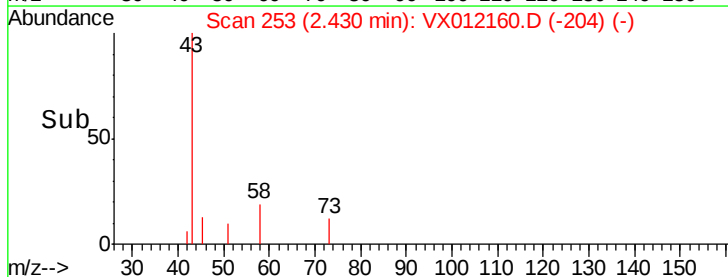
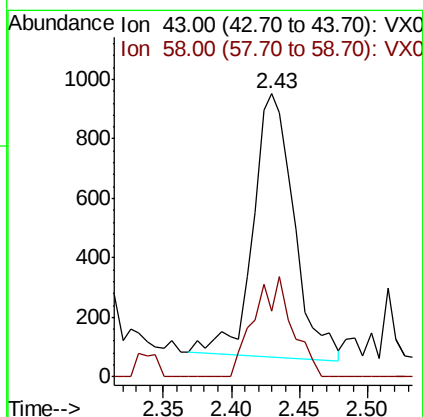
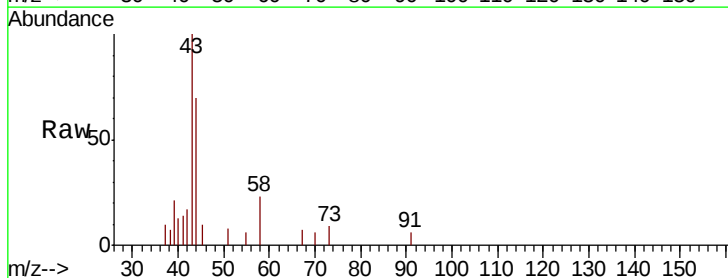
Instrument :
MSVOA_X
ClientSampled :
T12-F3-(2.7)

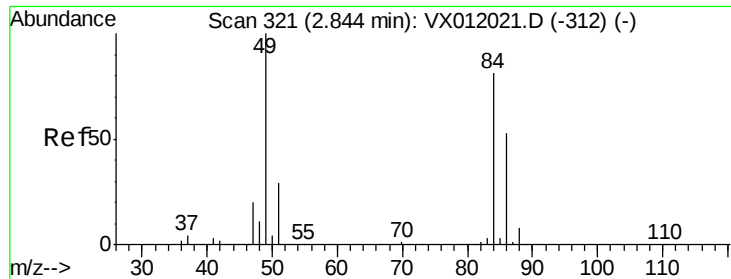
Tgt Ion: 59 Resp: 1289
Ion Ratio Lower Upper
59 100
57 9.6 7.9 11.9



#16
Acetone
Concen: 3.798 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 25.3 22.8 34.2

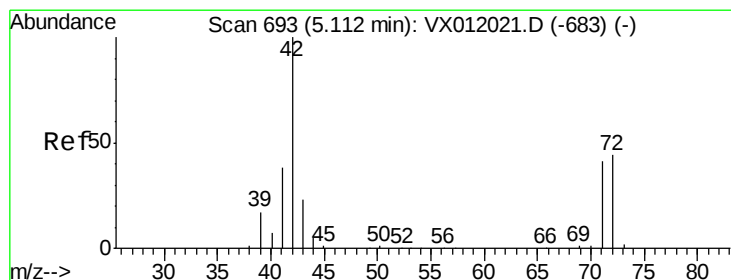
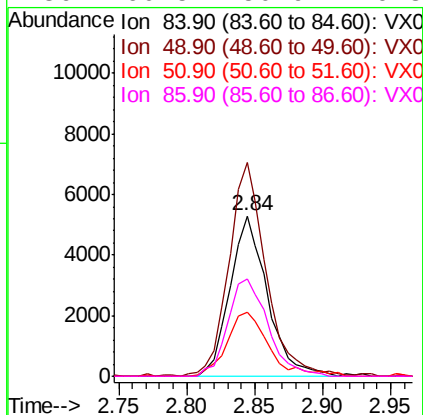
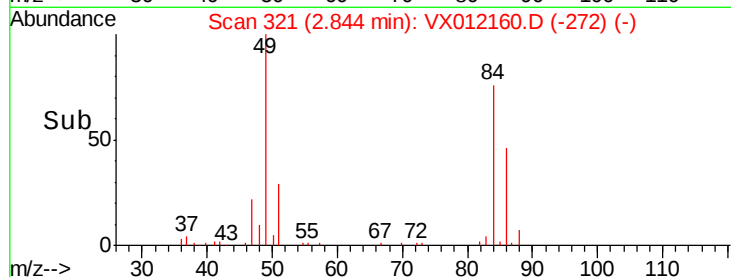
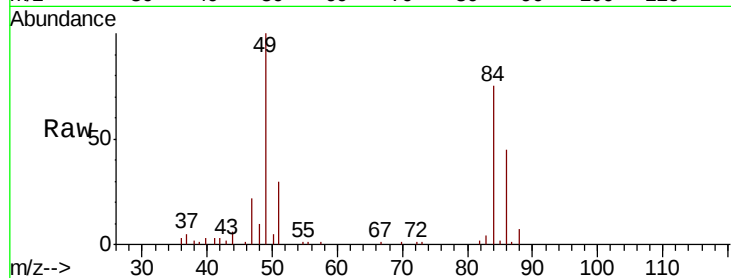




#20
Methylene Chloride
Concen: 5.155 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

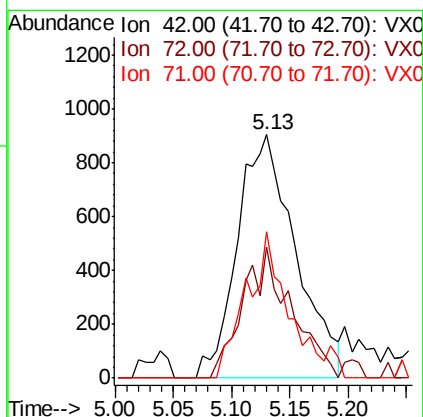
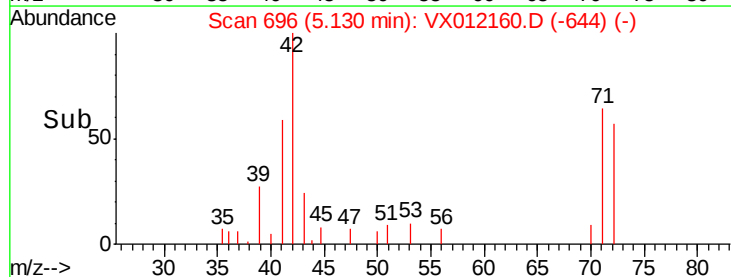
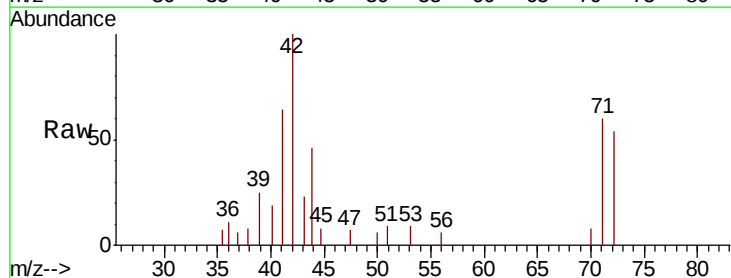
Instrument :
MSVOA_X
ClientSampled :
T12-F3-(2.7)

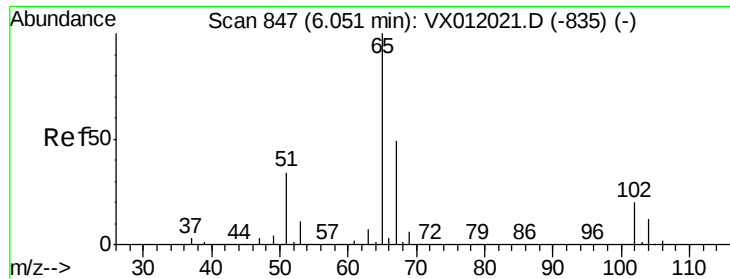
Tgt Ion:	84	Resp:	10115
Ion	Ratio	Lower	Upper
84	100		
49	131.7	95.8	143.8
51	40.3	28.6	43.0
86	60.5	50.9	76.3



#29
Tetrahydrofuran
Concen: 8.422 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

Tgt Ion:	42	Resp:	3156
Ion	Ratio	Lower	Upper
42	100		
72	18.6	37.0	55.4#
71	42.6	33.8	50.8

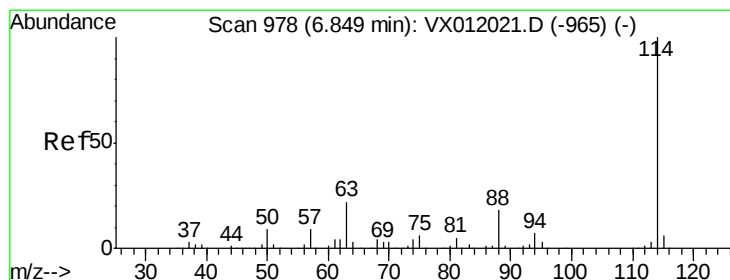
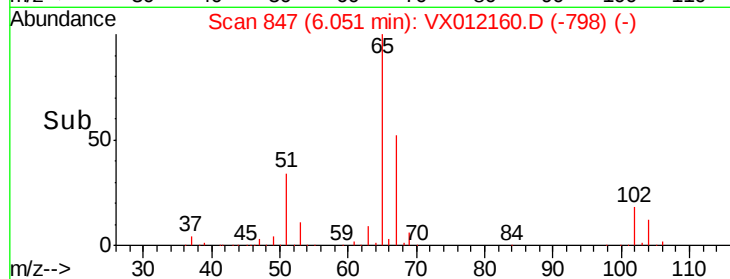
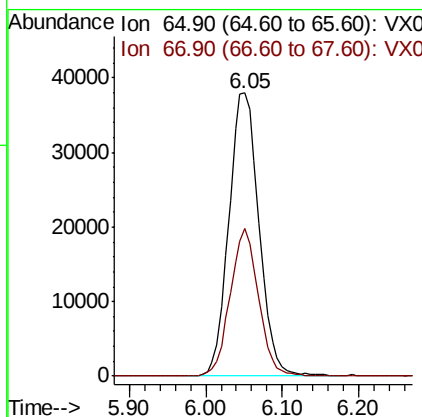
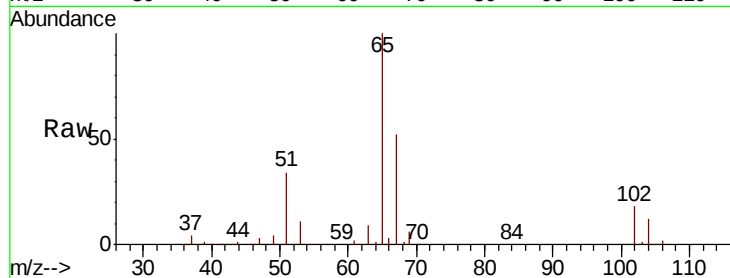




#33
 1,2-Dichloroethane-d4
 Concen: 50.791 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012160.D
 Acq: 06 Sep 2019 20:48

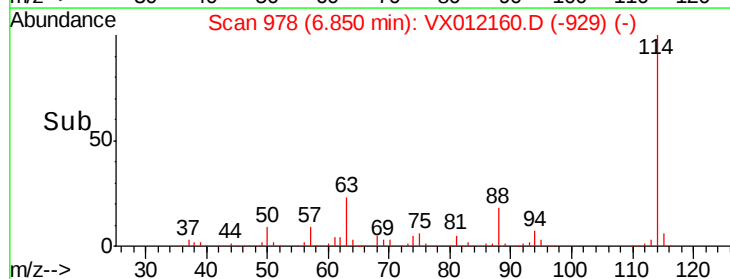
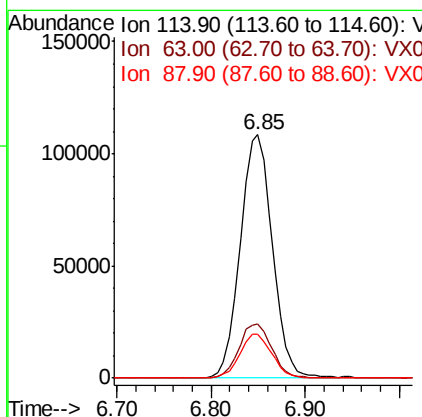
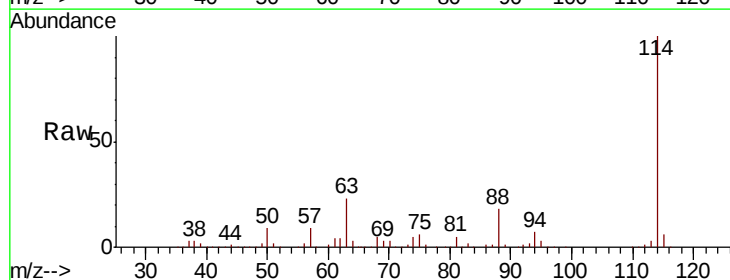
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F3-(2.7)

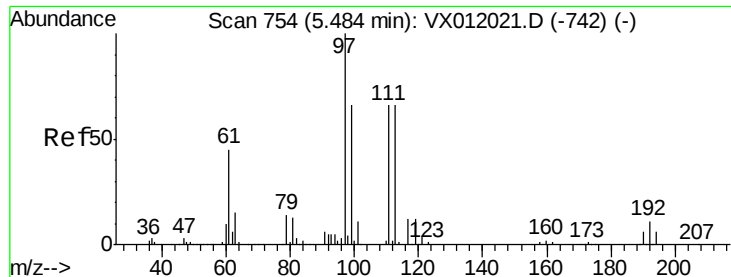
Tgt Ion: 65 Resp: 103828
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012160.D
 Acq: 06 Sep 2019 20:48

Tgt Ion: 114 Resp: 257622
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.4
 88 18.0 0.0 29.6

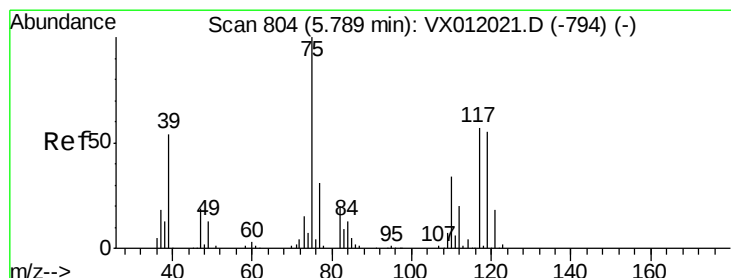
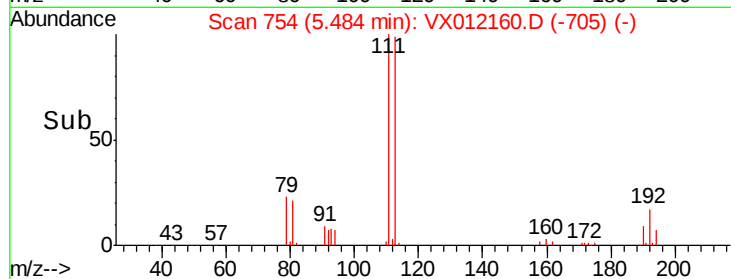
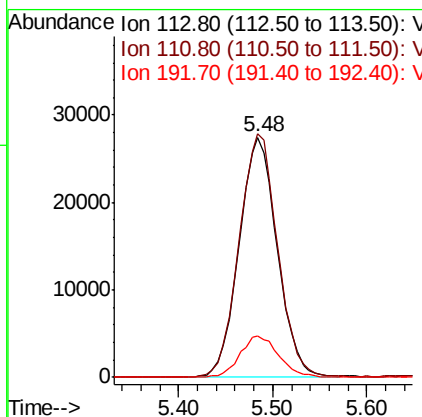
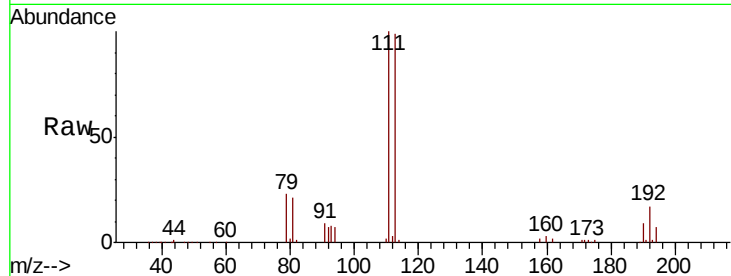




#35
 Dibromofluoromethane
 Concen: 49.038 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012160.D
 Acq: 06 Sep 2019 20:48

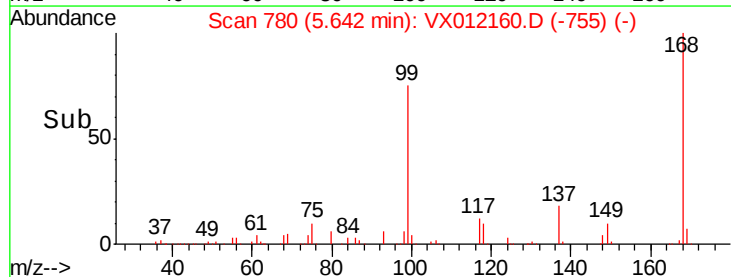
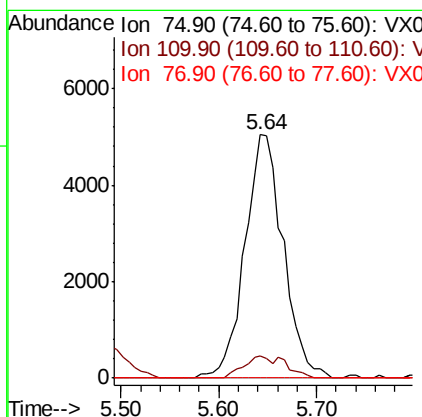
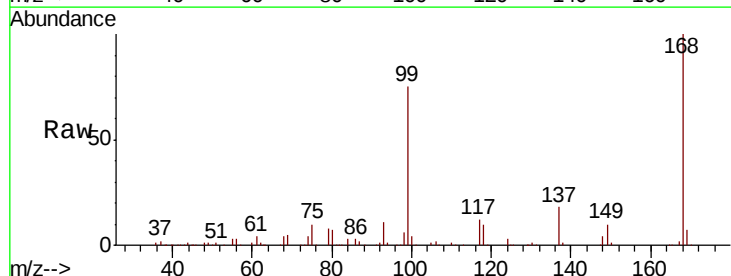
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F3-(2.7)

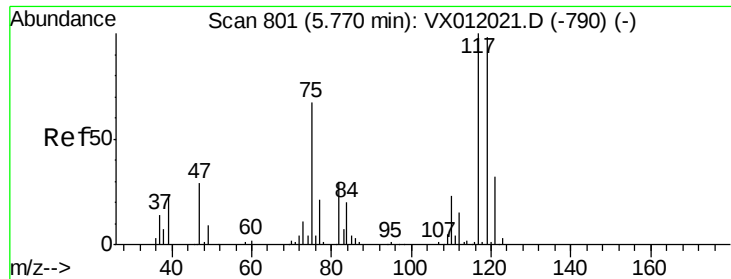
Tgt Ion:113 Resp: 77691
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 17.5 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 6.063 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012160.D
 Acq: 06 Sep 2019 20:48

Tgt Ion: 75 Resp: 13757
 Ion Ratio Lower Upper
 75 100
 110 6.5 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 7.132 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

T12-F3-(2.7)

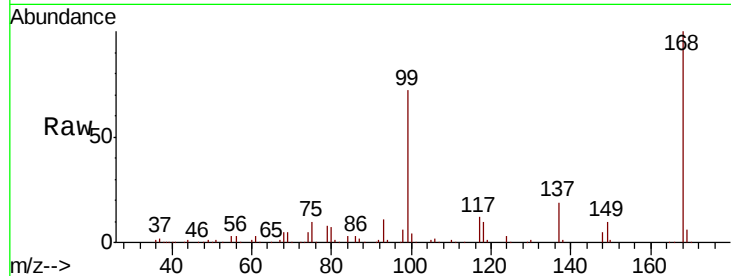
Tgt Ion:117 Resp: 17051

Ion Ratio Lower Upper

117 100

119 4.3 78.3 117.5#

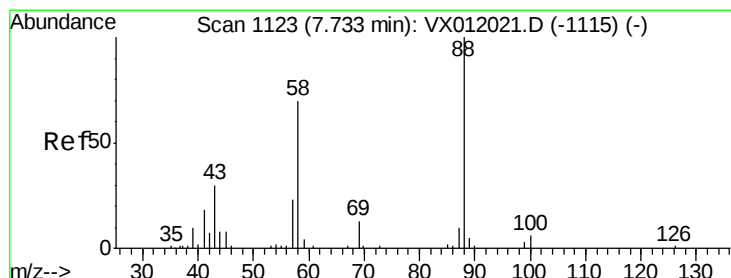
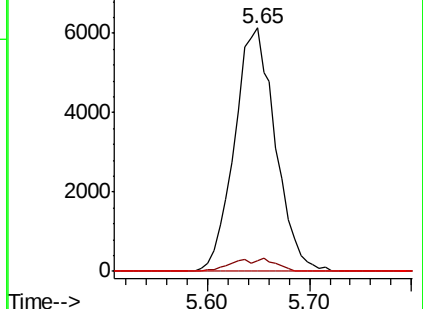
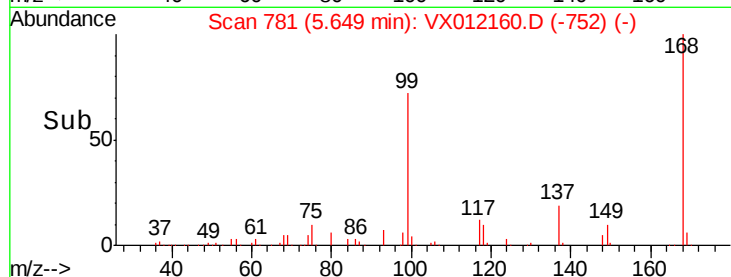
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 1.279 ug/l

RT: 7.47 min Scan# 1080

Delta R.T. -0.26 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

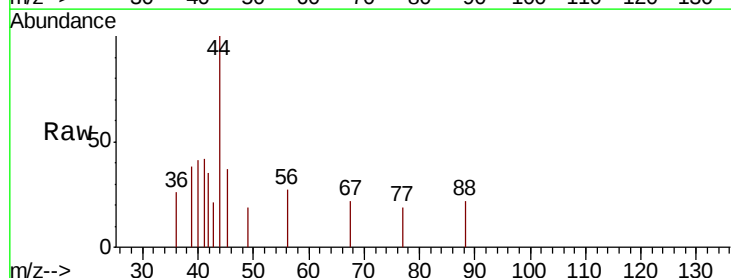
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.6#

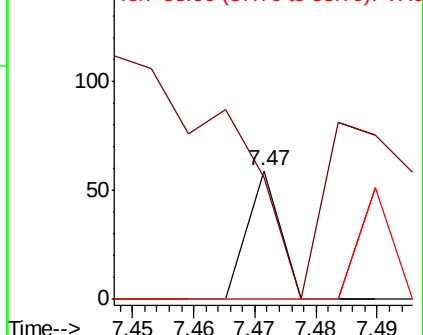
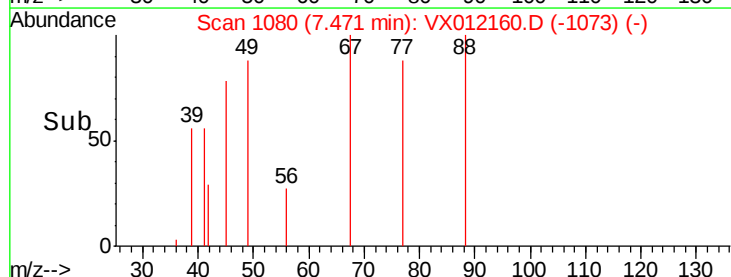
58 0.0 55.4 83.2#

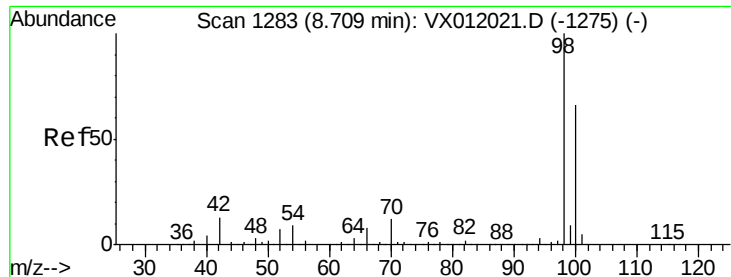


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

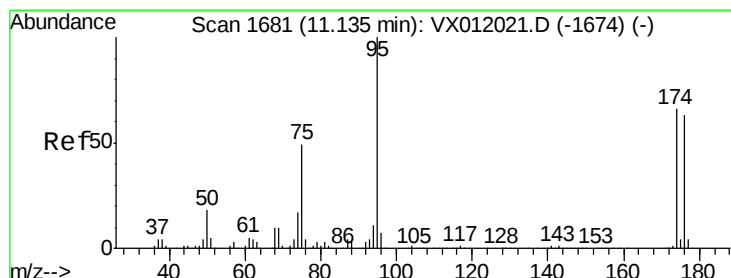
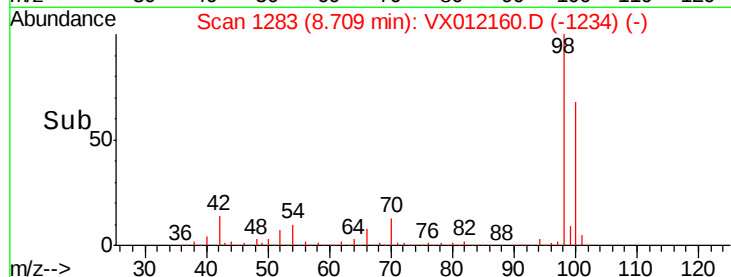
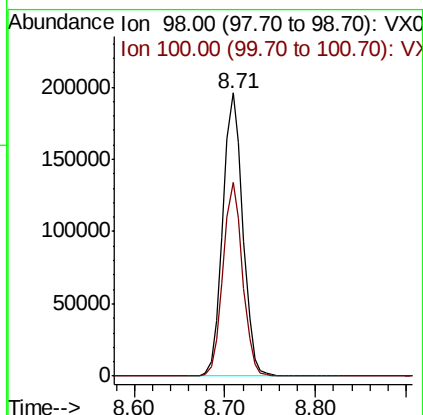
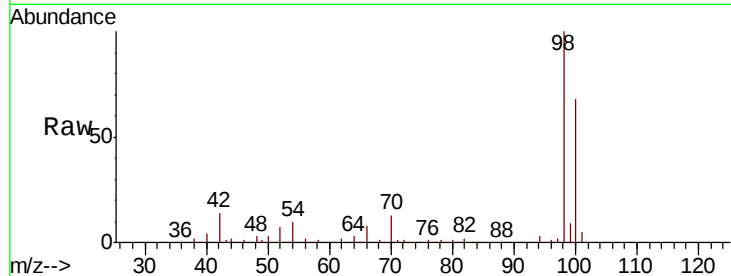




#50
Toluene-d8
Concen: 51.929 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

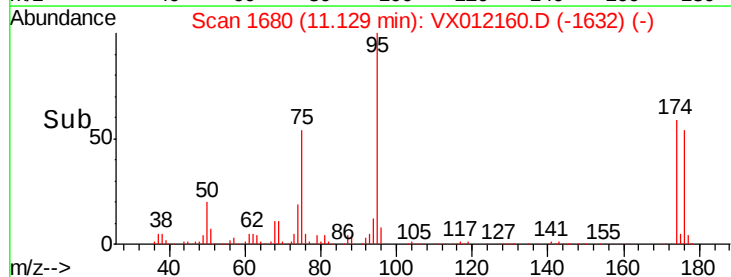
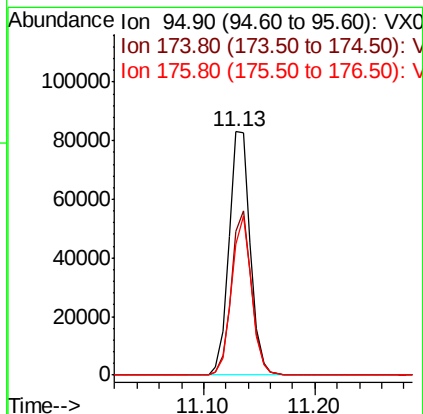
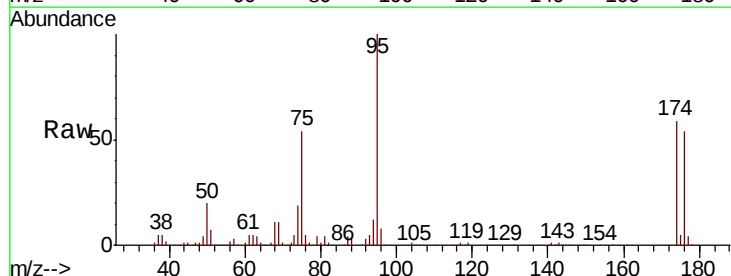
Instrument :
MSVOA_X
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T12-F3-(2.7)

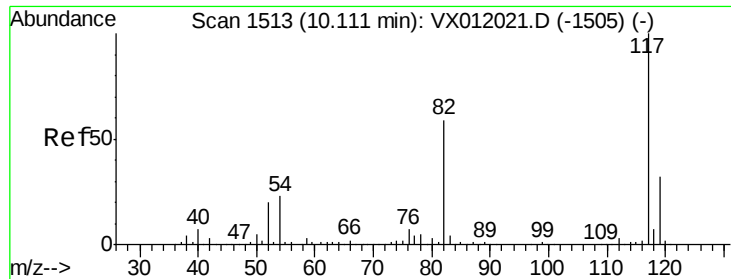
Tgt Ion: 98 Resp: 301900
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 40.511 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

Tgt Ion: 95 Resp: 109530
Ion Ratio Lower Upper
95 100
174 63.9 0.0 205.4
176 61.1 0.0 201.8

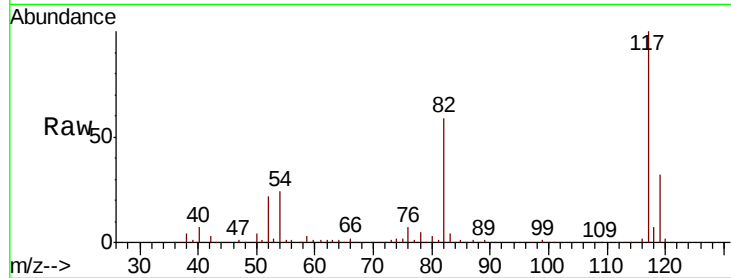




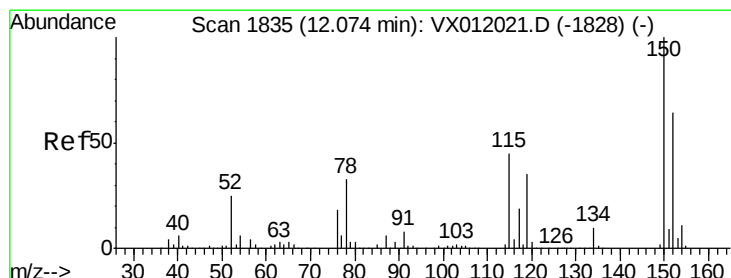
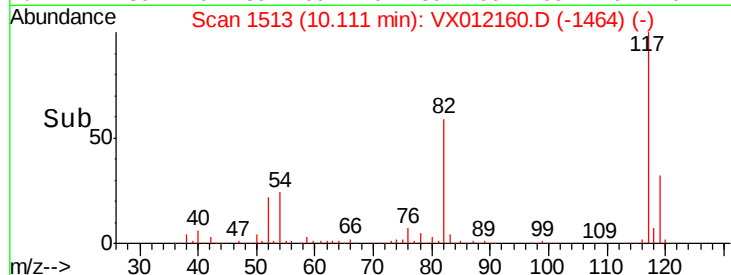
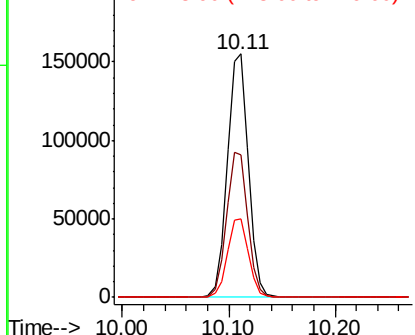
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
T12-F3-(2.7)

Tgt Ion:117 Resp: 215398
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 32.1 26.1 39.1

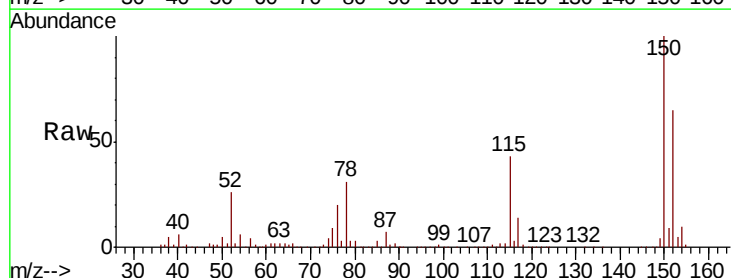


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

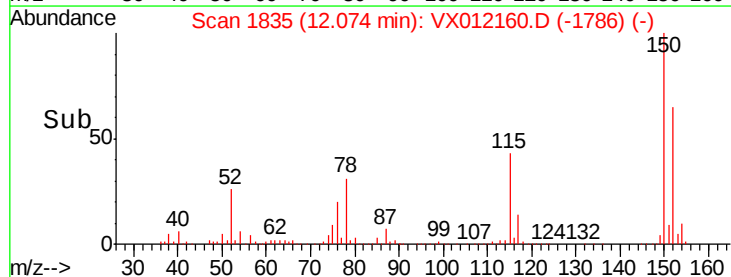
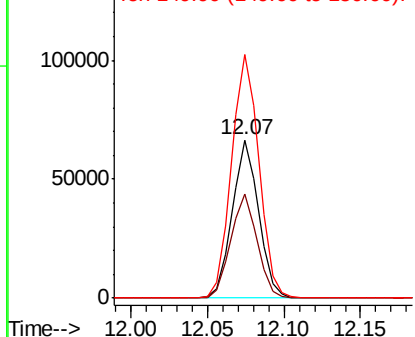


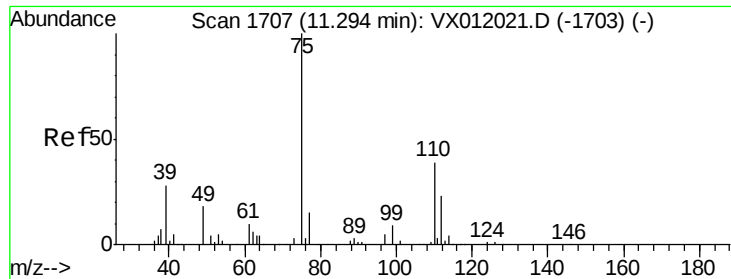
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012160.D
Acq: 06 Sep 2019 20:48

Tgt Ion:152 Resp: 79148
Ion Ratio Lower Upper
152 100
115 66.2 36.4 109.3
150 160.7 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: 59.693 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

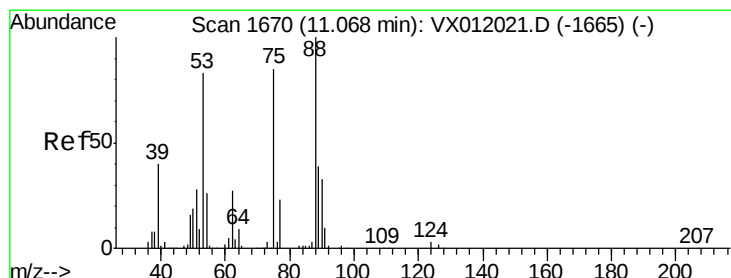
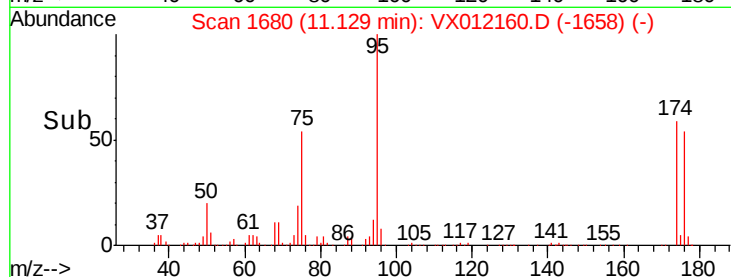
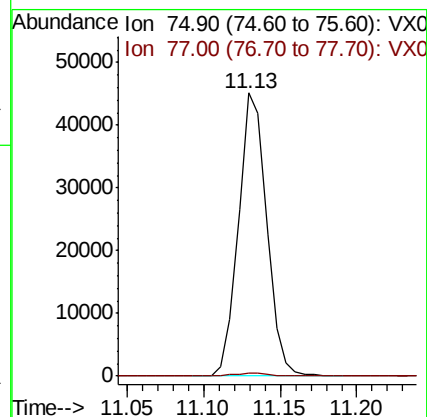
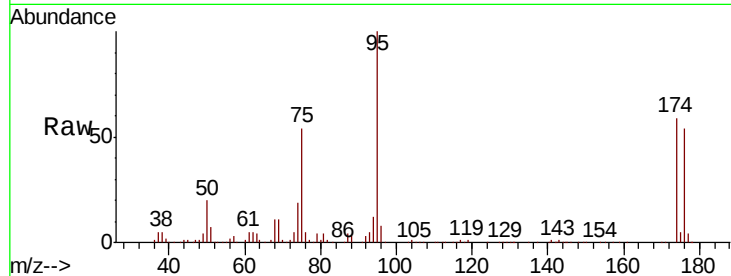
T12-F3-(2.7)

Tgt Ion: 75 Resp: 57727

Ion Ratio Lower Upper

75 100

77 1.3 23.5 70.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.123 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Tgt Ion: 75 Resp: 57727

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

89 0.0 38.8 58.2#

