

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012155.D
 Acq On : 06 Sep 2019 18:28
 Operator : SY/SP
 Sample : K4601-12
 Misc : 4.87g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F2-(0)

Quant Time: Sep 07 01:16:18 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	143189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	71726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99075	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.48	113	74372	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.71	98	284436	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.14	95	101657	39.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.72%	

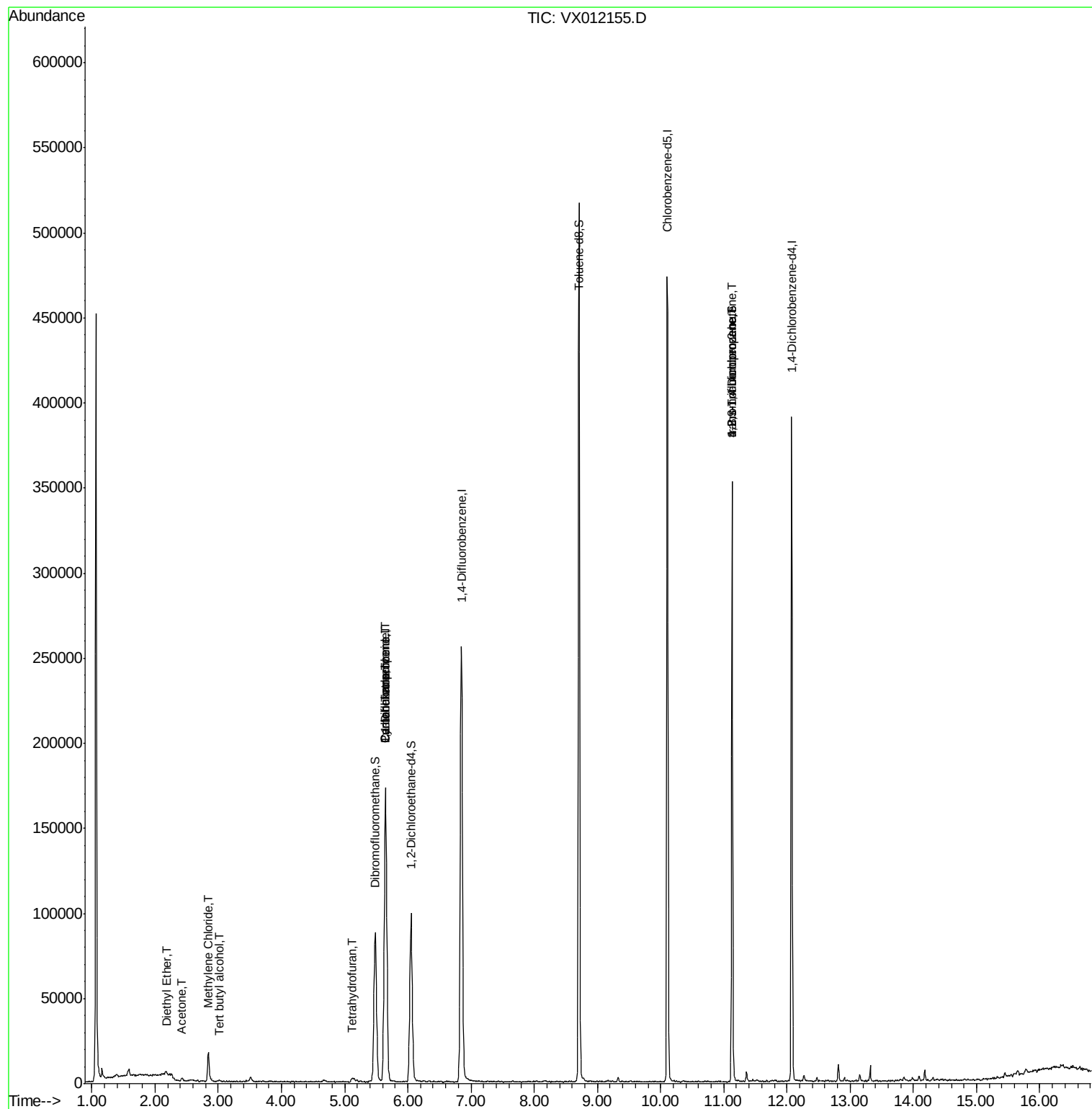
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.18	74	867	1.270	ug/l	73
11) Tert butyl alcohol	3.01	59	801	4.221	ug/l #	90
13) Acrolein	2.29	56	107	Below Cal		95
16) Acetone	2.43	43	1372	2.905	ug/l	97
20) Methylene Chloride	2.84	84	7861	4.145	ug/l	94
29) Tetrahydrofuran	5.12	42	2908	8.029	ug/l	92
31) Cyclohexane	5.64	56	4055	1.674	ug/l #	8
36) 1,1-Dichloropropene	5.65	75	13524	6.239	ug/l #	49
38) Carbon Tetrachloride	5.65	117	16868	7.385	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	54195	61.839	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	54195	146.198	ug/l #	10

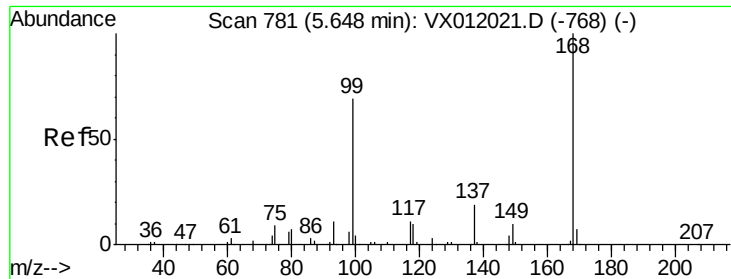
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
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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: VX012155.D

Acq: 06 Sep 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

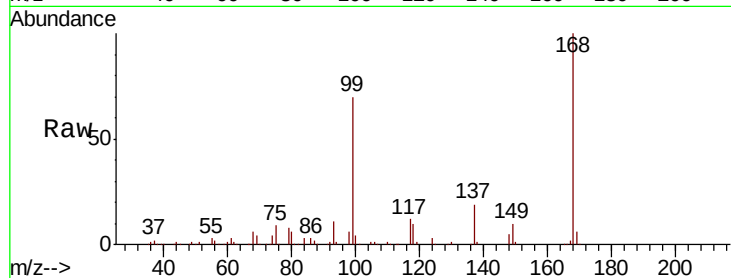
T12-F2-(0)

Tgt Ion:168 Resp: 143189

Ion Ratio Lower Upper

168 100

99 69.9 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

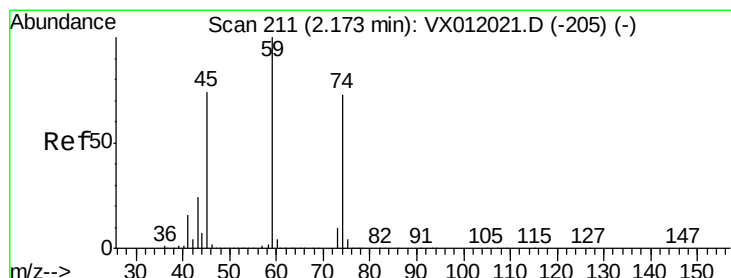
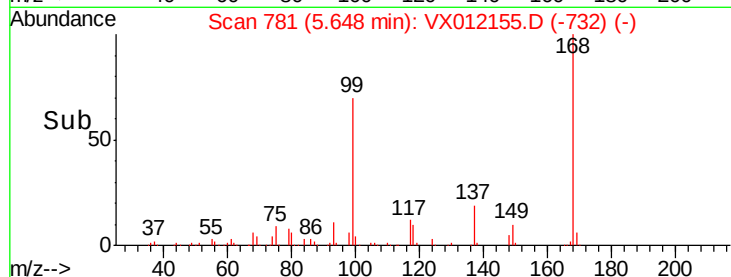
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.270 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX012155.D

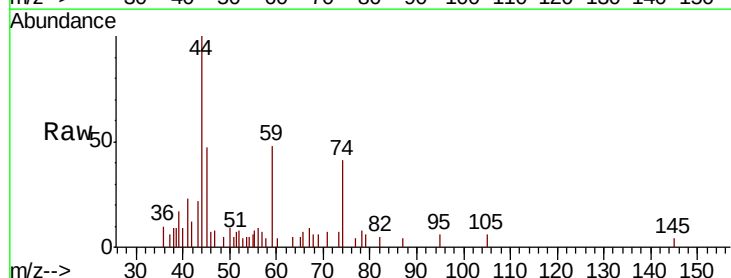
Acq: 06 Sep 2019 18:28

Tgt Ion: 74 Resp: 867

Ion Ratio Lower Upper

74 100

45 117.0 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

600

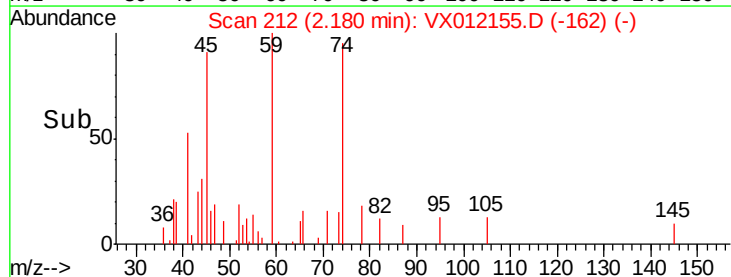
400

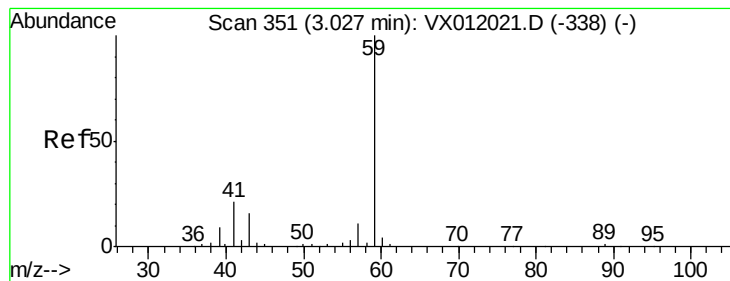
200

0

Time-->

2.15 2.20



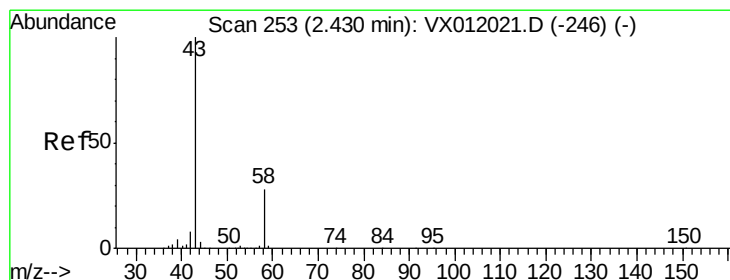
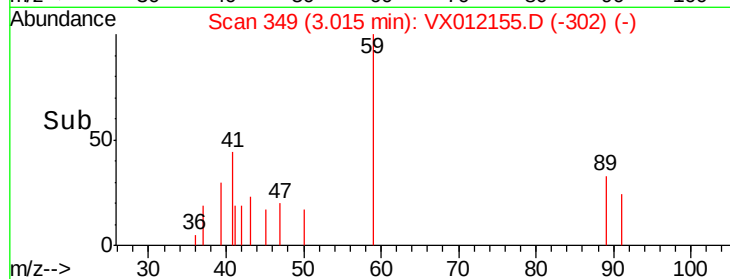
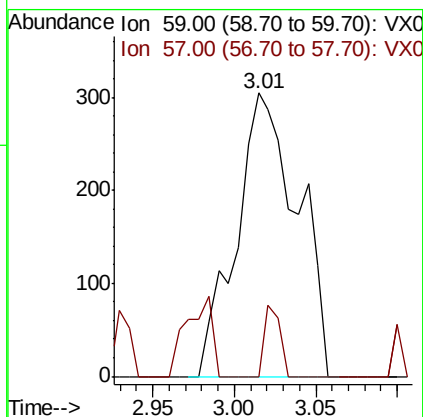
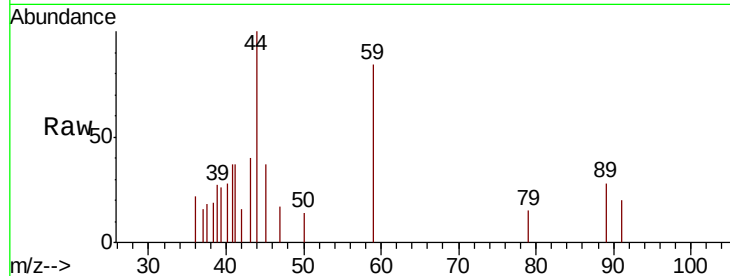


#11

Tert butyl alcohol
 Concen: 4.221 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F2-(0)

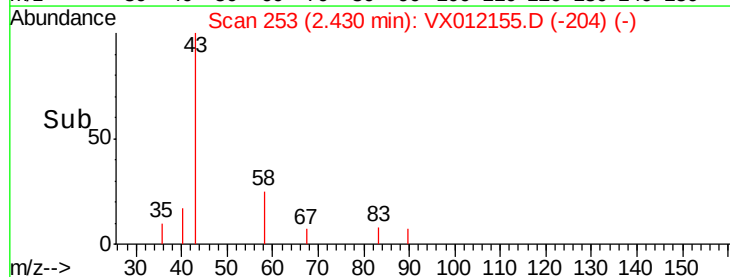
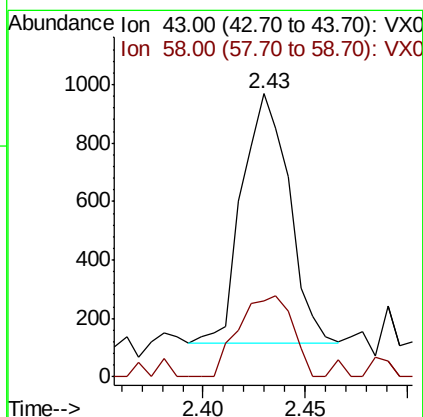
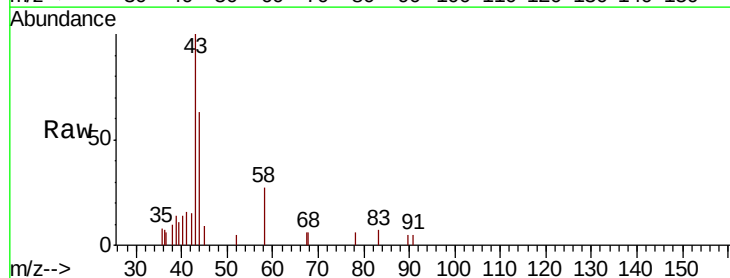
Tgt Ion: 59 Resp: 801
 Ion Ratio Lower Upper
 59 100
 57 6.4 7.9 11.9#

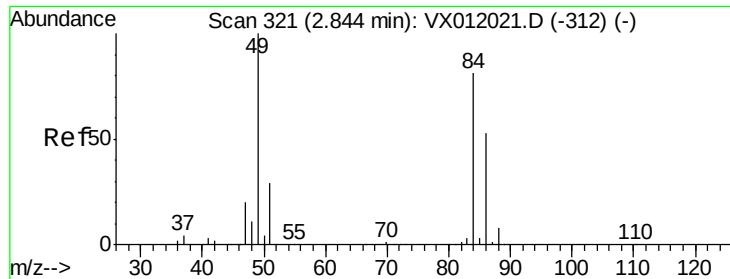


#16

Acetone
 Concen: 2.905 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

Tgt Ion: 43 Resp: 1372
 Ion Ratio Lower Upper
 43 100
 58 30.2 22.8 34.2

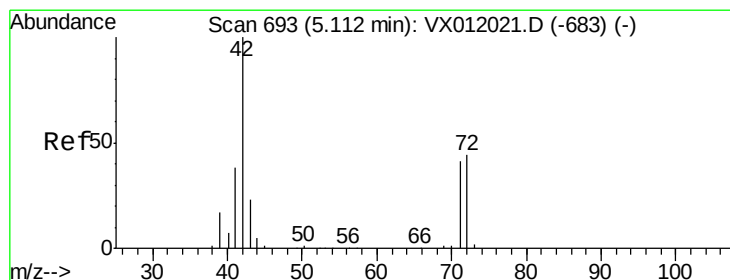
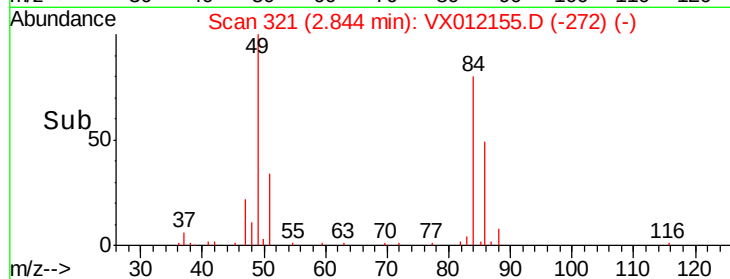
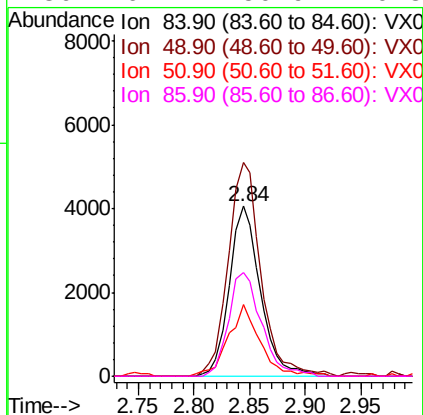
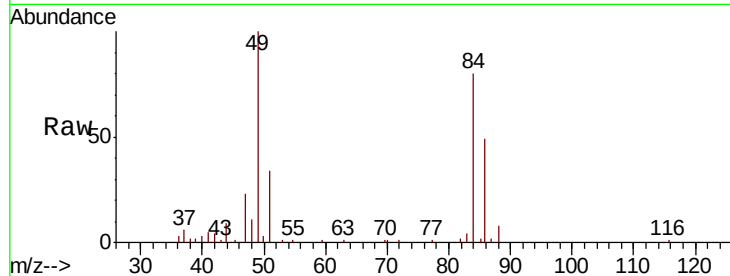




#20
Methylene Chloride
Concen: 4.145 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012155.D
Acq: 06 Sep 2019 18:28

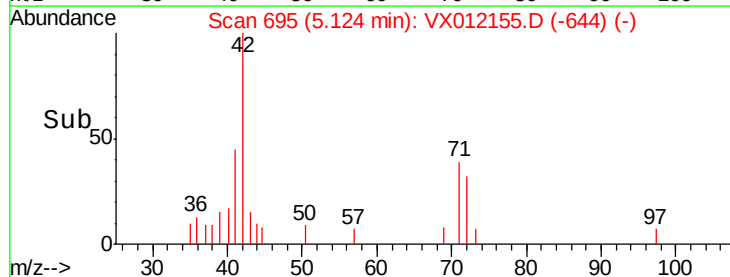
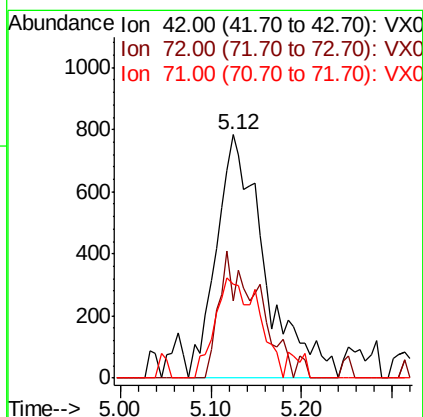
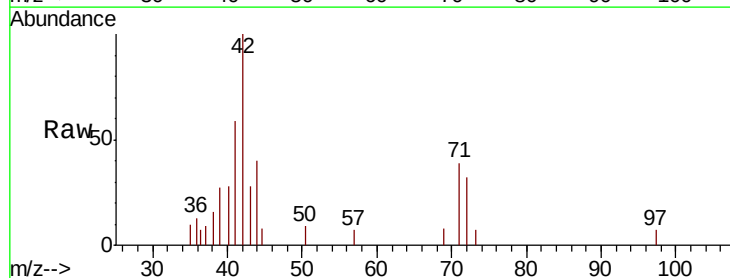
Instrument :
MSVOA_X
ClientSampleId :
T12-F2-(0)

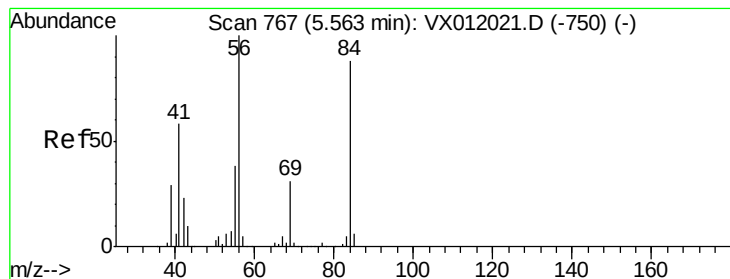
Tgt Ion:	84	Resp:	7861
Ion	Ratio	Lower	Upper
84	100		
49	125.6	95.8	143.8
51	42.5	28.6	43.0
86	61.1	50.9	76.3



#29
Tetrahydrofuran
Concen: 8.029 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012155.D
Acq: 06 Sep 2019 18:28

Tgt Ion:	42	Resp:	2908
Ion	Ratio	Lower	Upper
42	100		
72	41.2	37.0	55.4
71	36.8	33.8	50.8





#31

Cyclohexane

Concen: 1.674 ug/l

RT: 5.64 min Scan# 780

Delta R.T. 0.08 min

Lab File: VX012155.D

Acq: 06 Sep 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

T12-F2-(0)

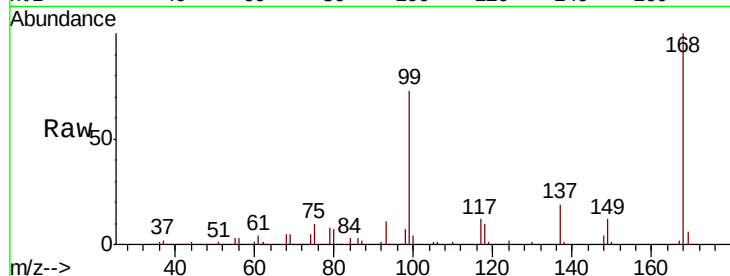
Tgt Ion: 56 Resp: 4055

Ion Ratio Lower Upper

56 100

69 172.5 25.7 38.5#

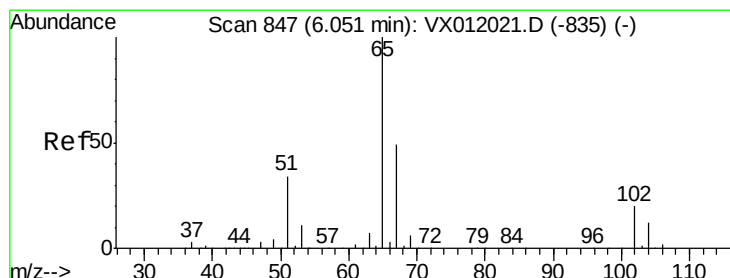
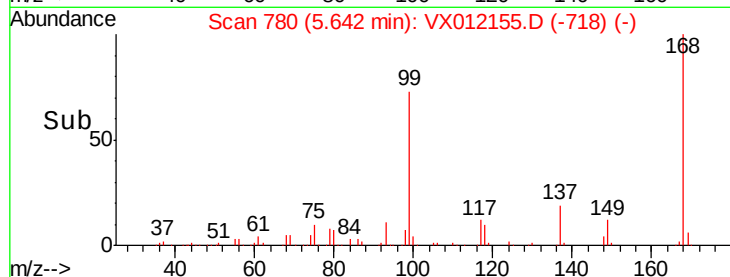
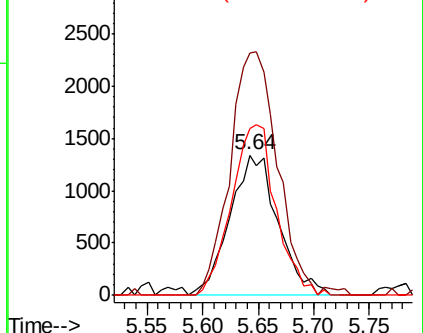
84 118.7 70.3 105.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.146 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012155.D

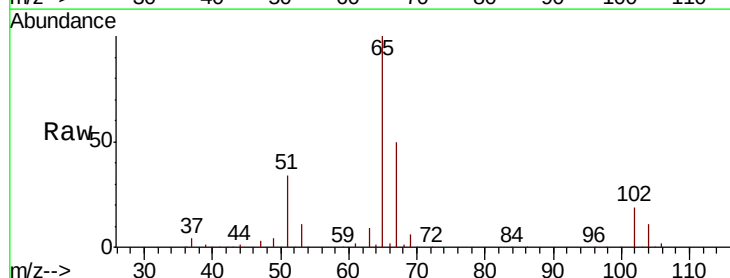
Acq: 06 Sep 2019 18:28

Tgt Ion: 65 Resp: 99075

Ion Ratio Lower Upper

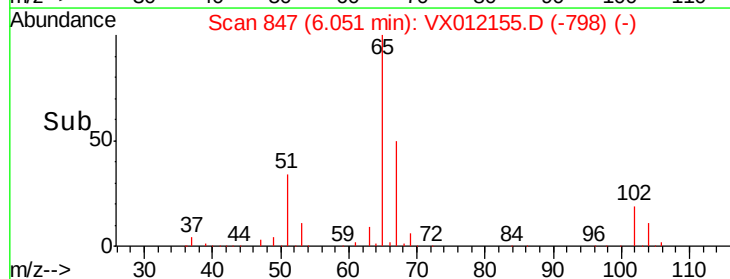
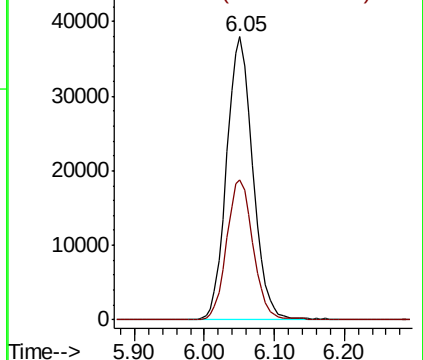
65 100

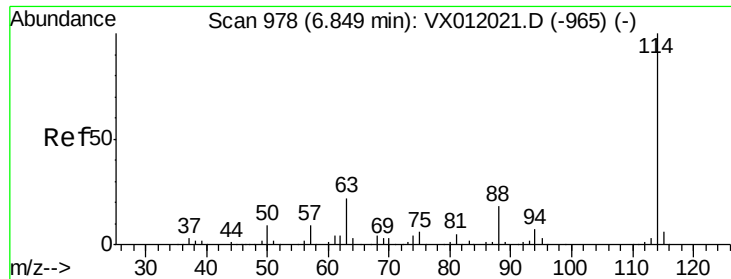
67 49.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

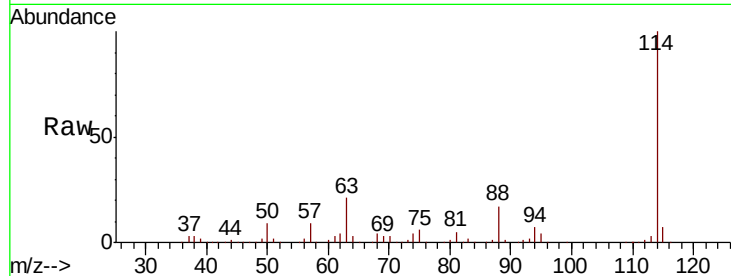




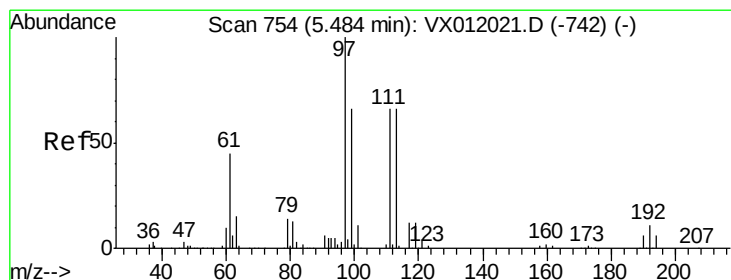
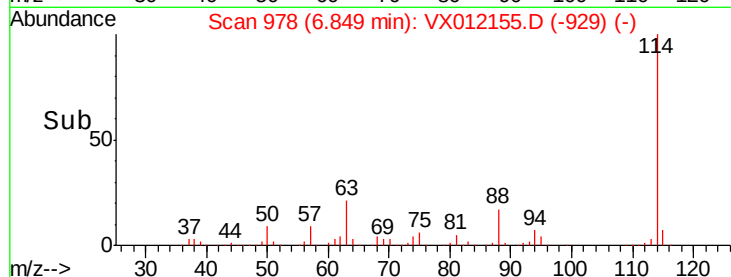
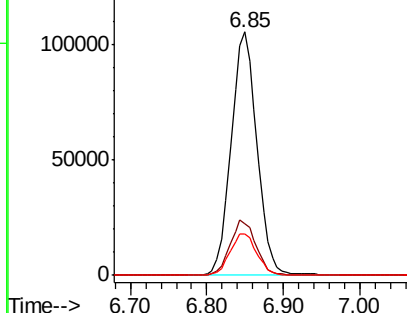
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F2-(0)

Tgt Ion:114 Resp: 246125
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 17.2 0.0 29.6

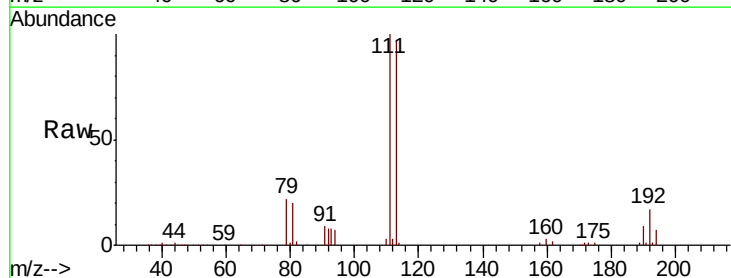


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

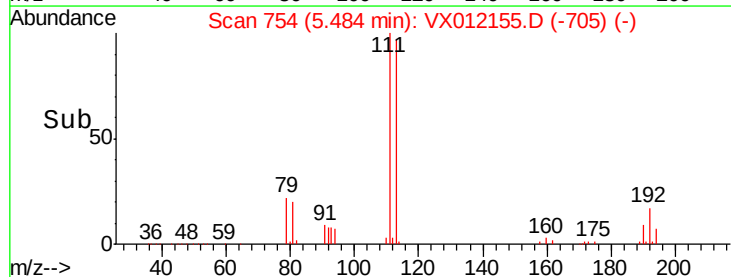
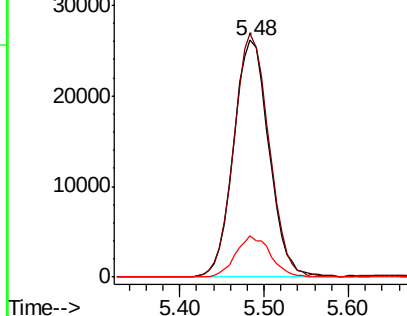


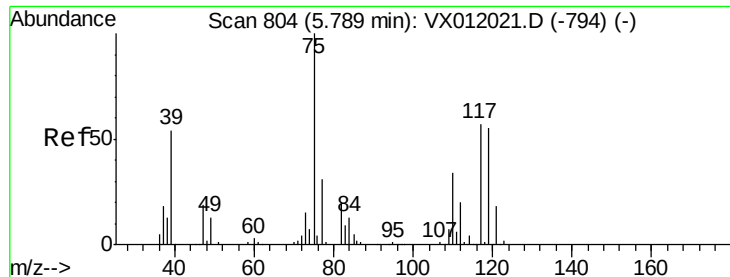
#35
 Dibromofluoromethane
 Concen: 49.136 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

Tgt Ion:113 Resp: 74372
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 16.9 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

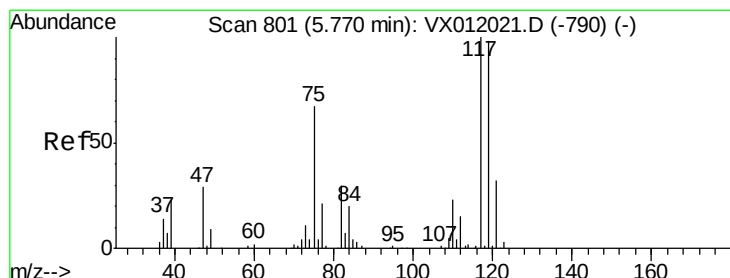
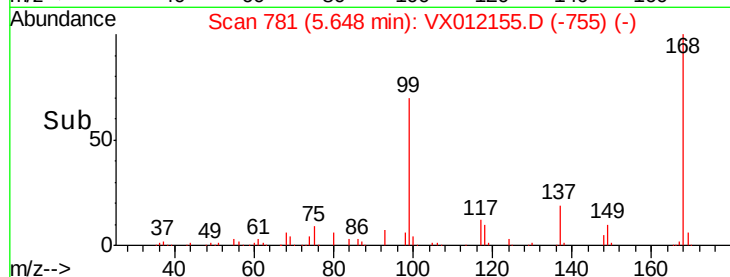
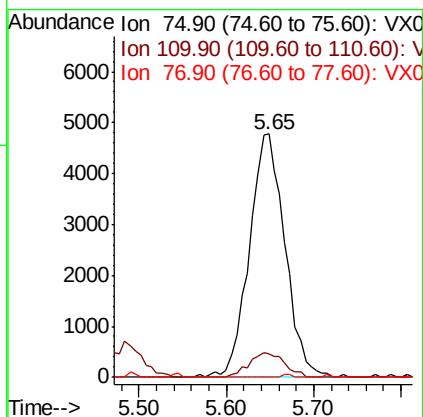
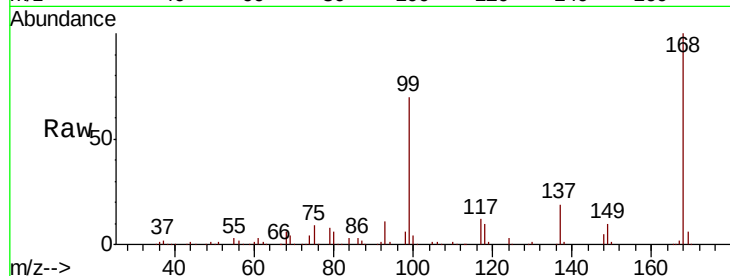




#36
 1,1-Dichloropropene
 Concen: 6.239 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

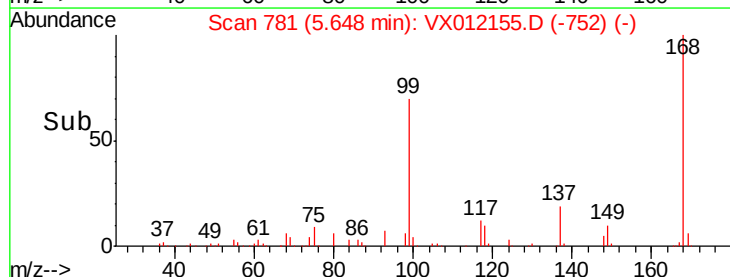
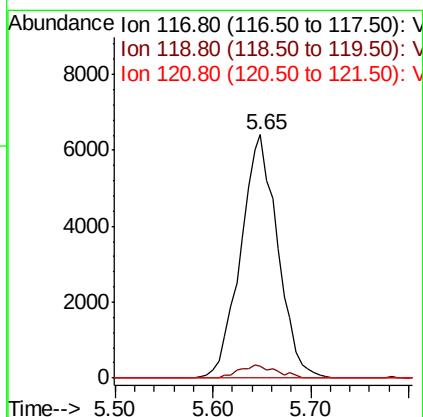
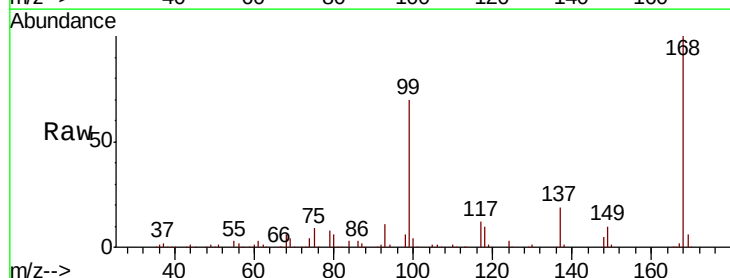
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 MSVOA_X
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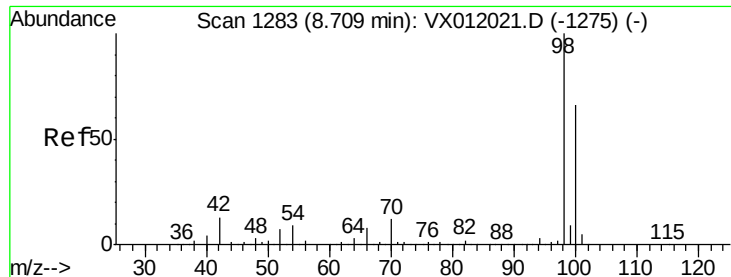
Tgt Ion: 75 Resp: 13524
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.385 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

Tgt Ion: 117 Resp: 16868
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.3 117.5#
 121 0.0 24.2 36.2#

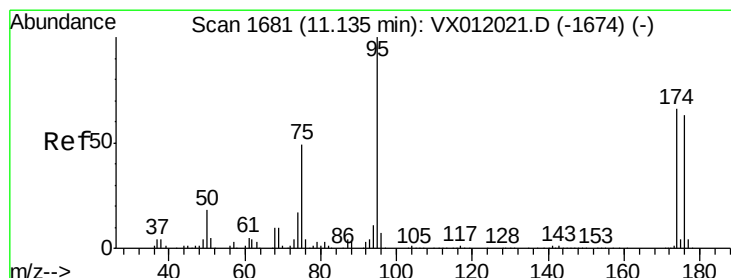
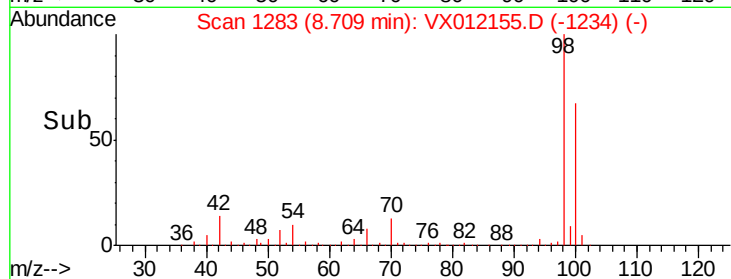
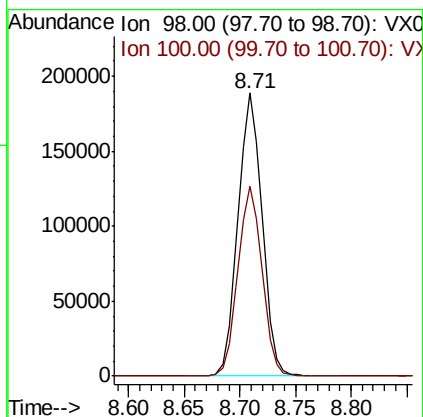
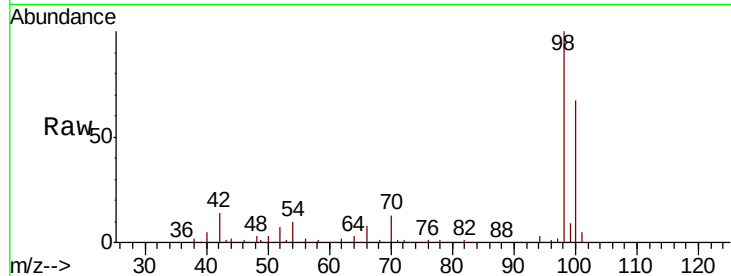




#50
Toluene-d8
Concen: 51.211 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012155.D
Acq: 06 Sep 2019 18:28

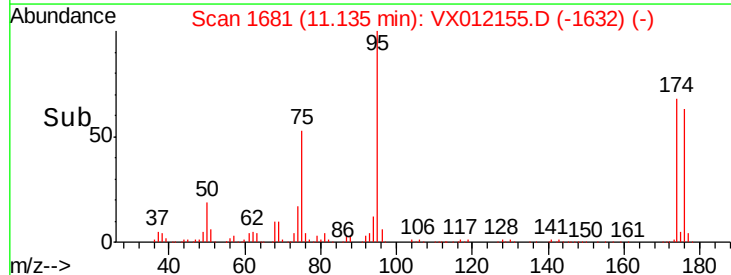
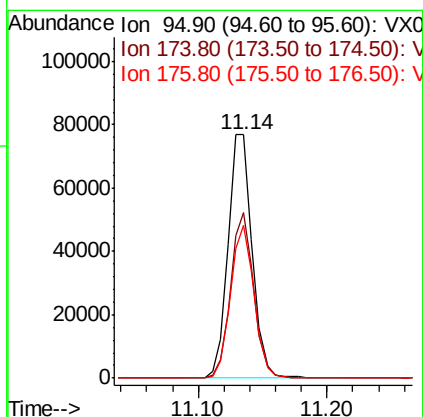
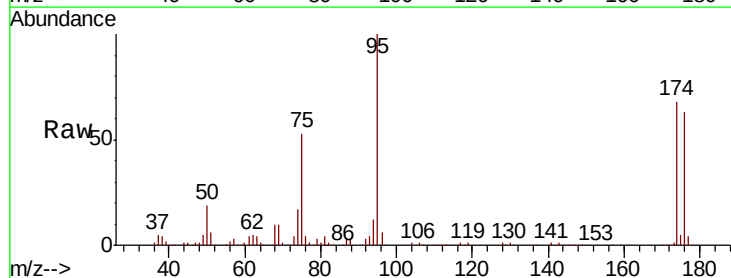
Instrument :
MSVOA_X
ClientSampleId :
T12-F2-(0)

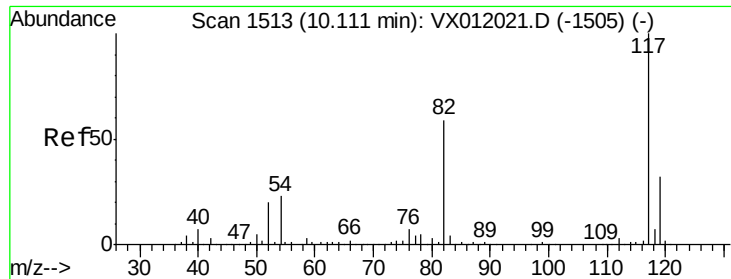
Tgt Ion: 98 Resp: 284436
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 39.356 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012155.D
Acq: 06 Sep 2019 18:28

Tgt Ion: 95 Resp: 101657
Ion Ratio Lower Upper
95 100
174 64.6 0.0 205.4
176 60.8 0.0 201.8

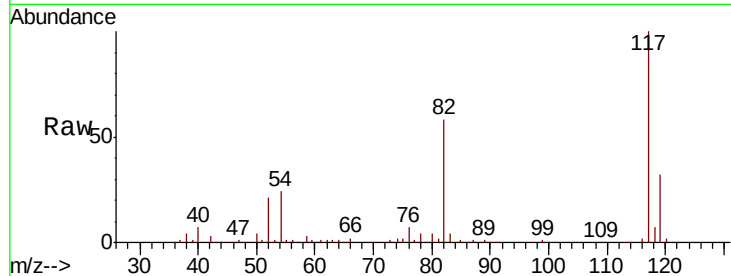




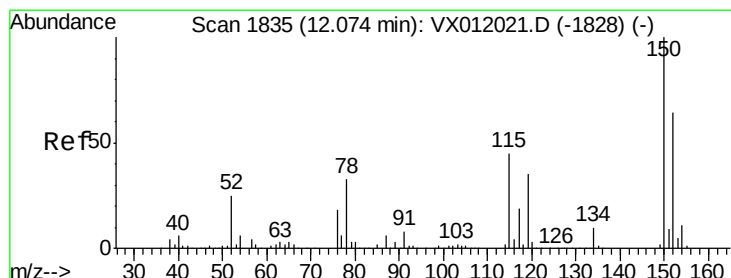
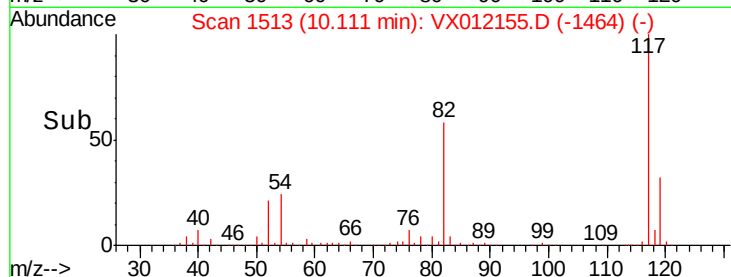
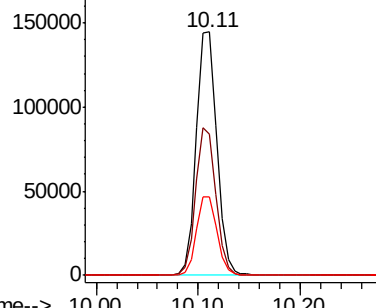
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012155.D
Acq: 06 Sep 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
T12-F2-(0)

Tgt Ion:117 Resp: 202540
Ion Ratio Lower Upper
117 100
82 58.2 39.4 59.0
119 32.5 26.1 39.1

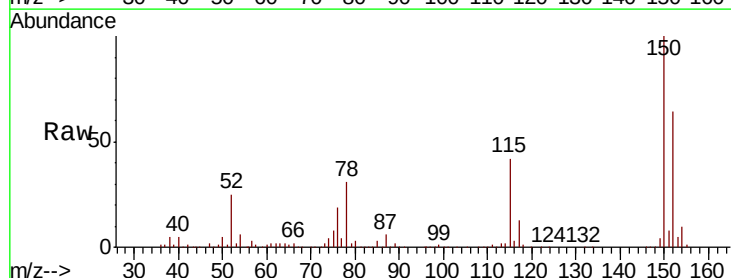


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

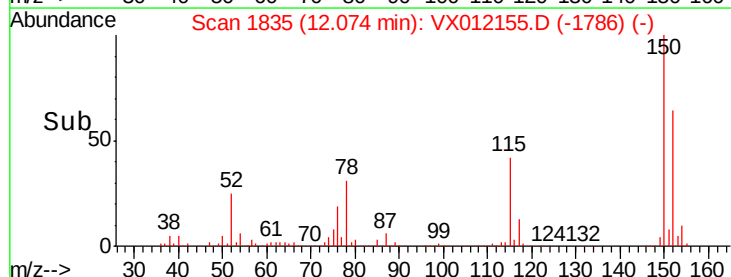
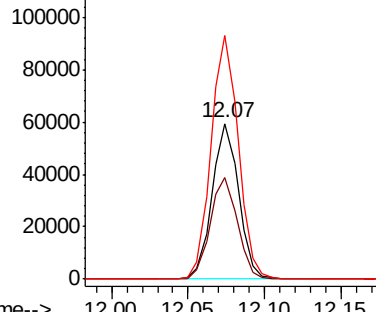


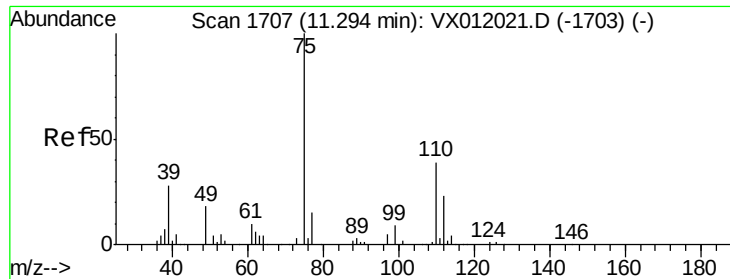
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012155.D
Acq: 06 Sep 2019 18:28

Tgt Ion:152 Resp: 71726
Ion Ratio Lower Upper
152 100
115 66.9 36.4 109.3
150 160.0 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

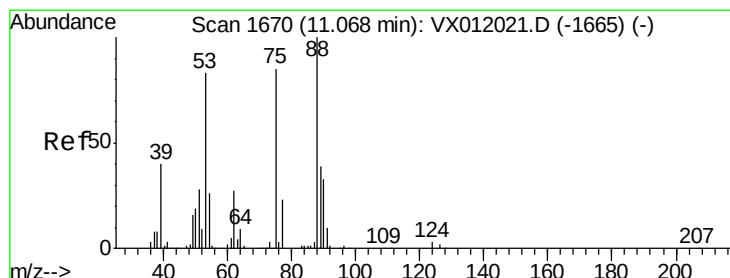
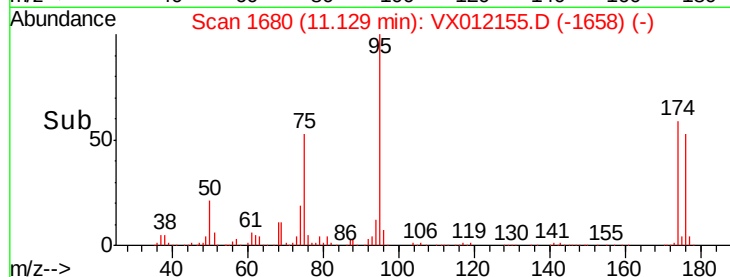
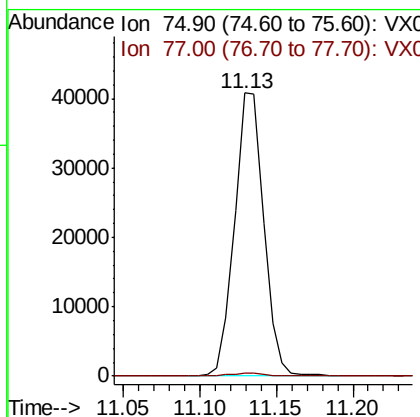
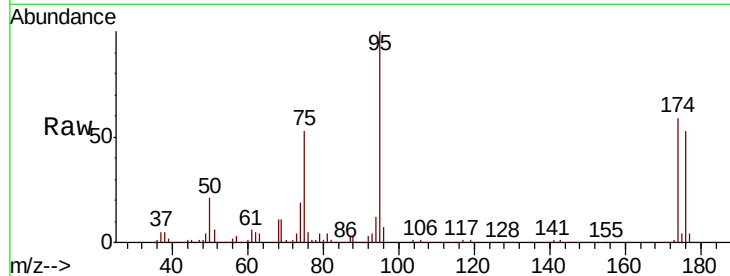




#76
 1,2,3-Trichloropropane
 Concen: 61.839 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F2-(0)

Tgt Ion: 75 Resp: 54195
 Ion Ratio Lower Upper
 75 100
 77 1.4 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.198 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012155.D
 Acq: 06 Sep 2019 18:28

Tgt Ion: 75 Resp: 54195
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 117.8#
 89 0.1 38.8 58.2#

