

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012052.D
 Acq On : 04 Sep 2019 15:20
 Operator : SY/SP
 Sample : K4546-16
 Misc : 4.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B2-(2.5)

Quant Time: Sep 05 05:36:32 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

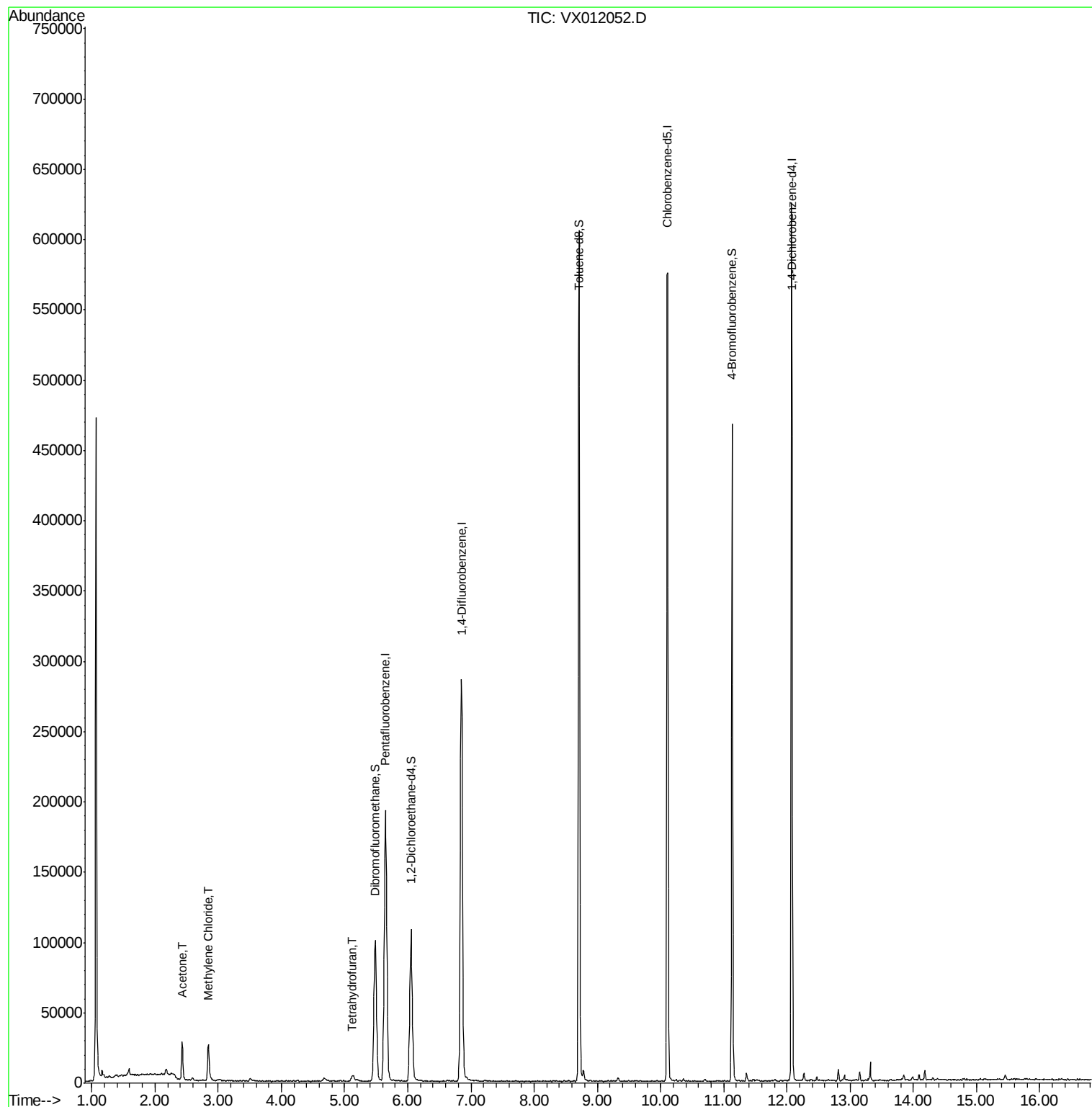
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107481	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.48	113	85250	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	337877	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	11.13	95	136797	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
16) Acetone	2.43	43	27894	52.665	ug/l	99
20) Methylene Chloride	2.84	84	12270	5.769	ug/l	98
29) Tetrahydrofuran	5.12	42	3989	9.820	ug/l	96

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

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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: VX012052.D

Acq: 04 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

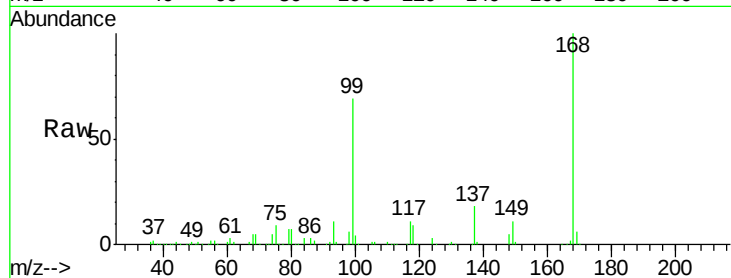
T3-S-B2-(2.5)

Tot Ion:168 Resp: 160596

Ion Ratio Lower Upper

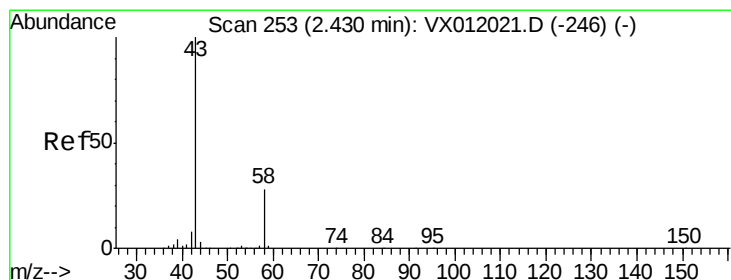
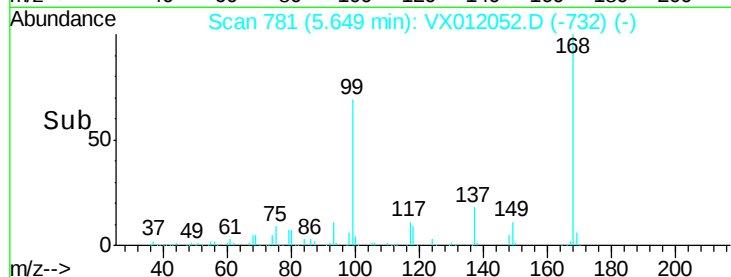
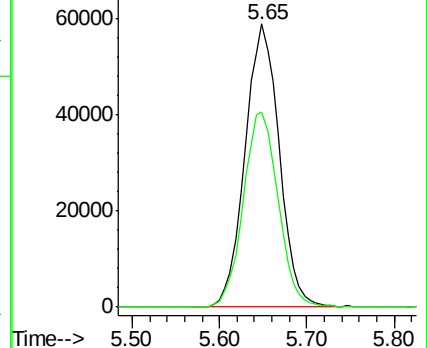
168 100

99 68.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 52.665 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012052.D

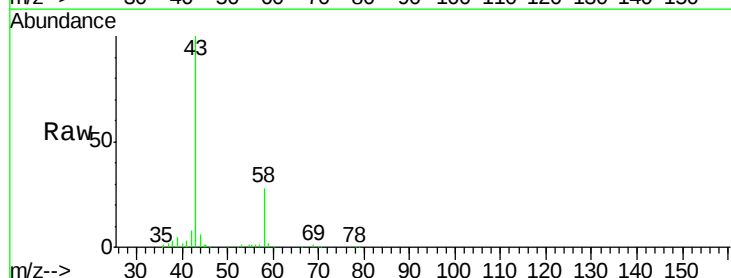
Acq: 04 Sep 2019 15:20

Tgt Ion: 43 Resp: 27894

Ion Ratio Lower Upper

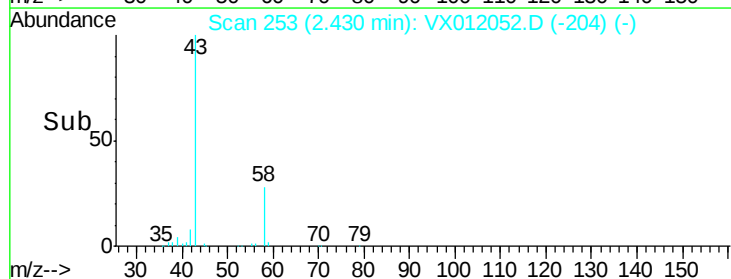
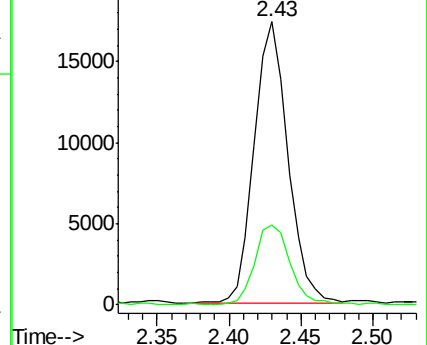
43 100

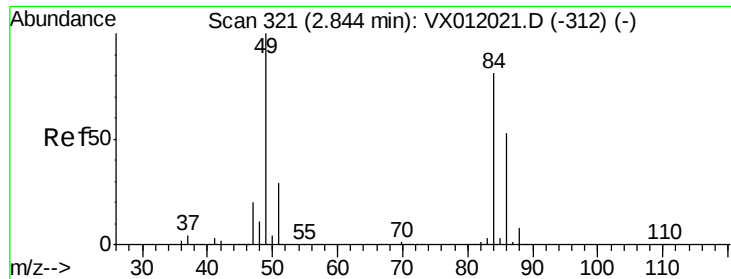
58 28.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 5.769 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012052.D

Acq: 04 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B2-(2.5)

Tot Ion: 84 Resp: 12270

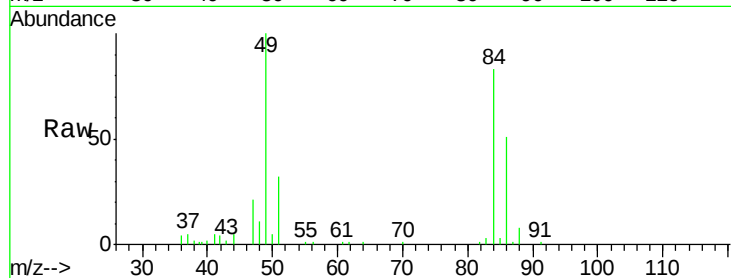
Ion Ratio Lower Upper

84 100

49 120.3 95.8 143.8

51 38.5 28.6 43.0

86 61.2 50.9 76.3

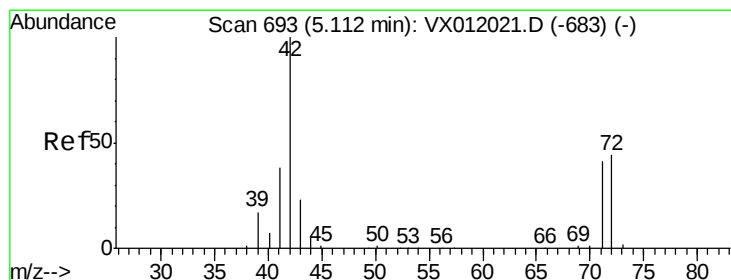
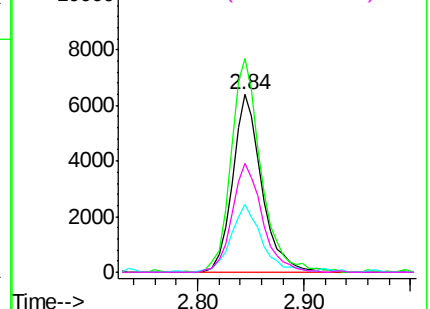
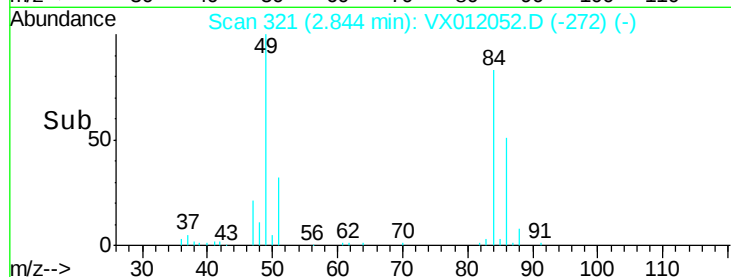


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#29

Tetrahydrofuran

Concen: 9.820 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012052.D

Acq: 04 Sep 2019 15:20

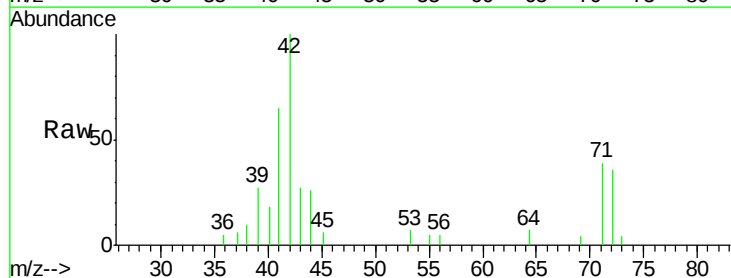
Tgt Ion: 42 Resp: 3989

Ion Ratio Lower Upper

42 100

72 47.8 37.0 55.4

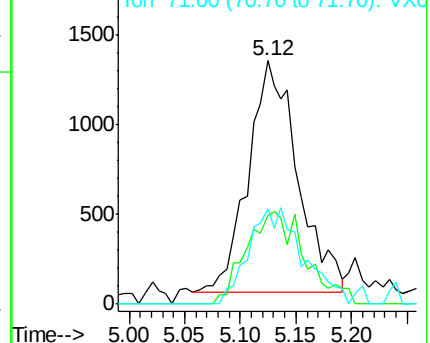
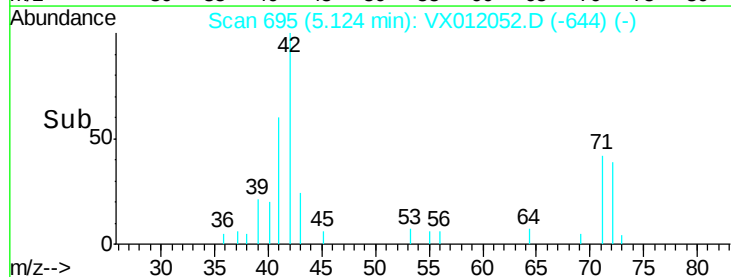
71 45.6 33.8 50.8

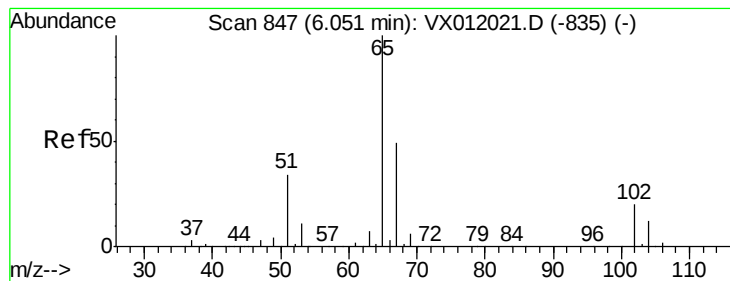


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.504 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012052.D

Acq: 04 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

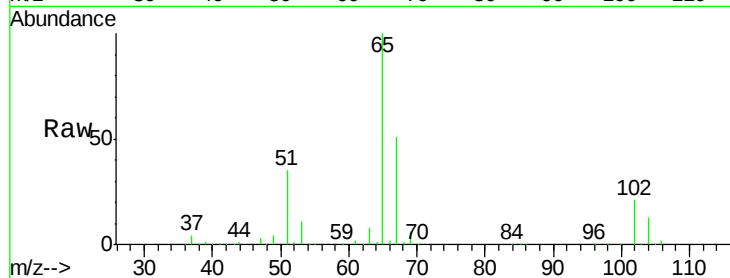
T3-S-B2-(2.5)

Tot Ion: 65 Resp: 107481

Ion Ratio Lower Upper

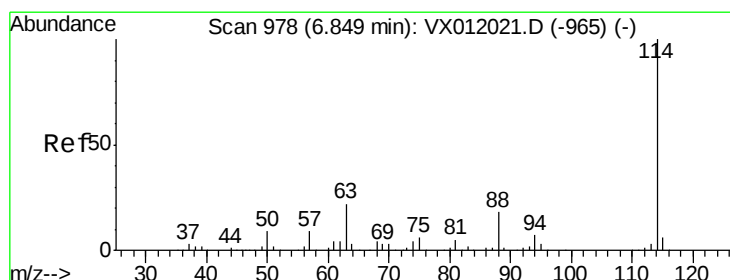
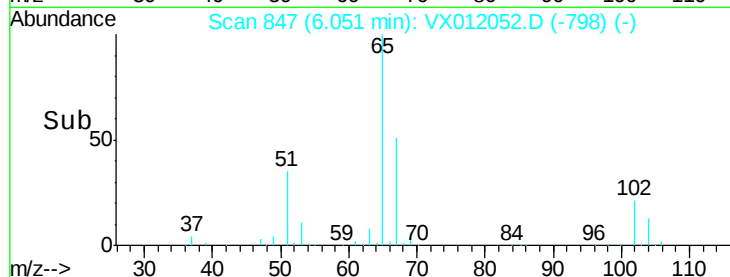
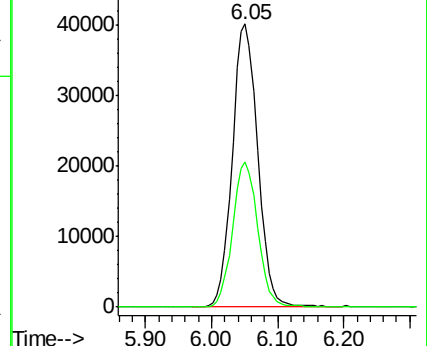
65 100

67 50.7 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: VX012052.D

Acq: 04 Sep 2019 15:20

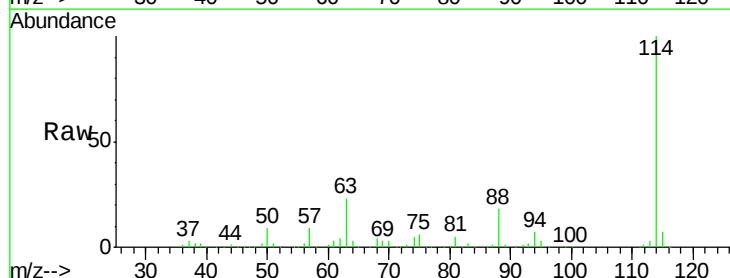
Tgt Ion: 114 Resp: 281017

Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.4

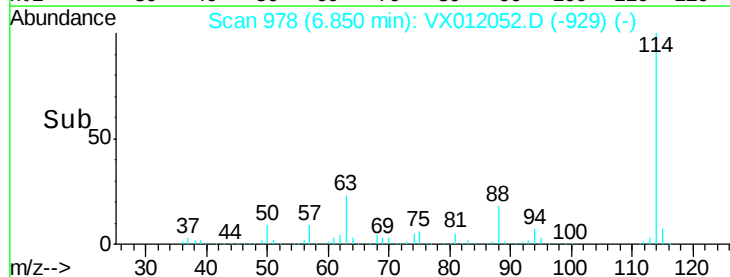
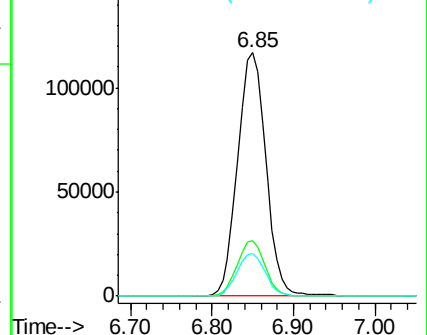
88 17.6 0.0 29.6

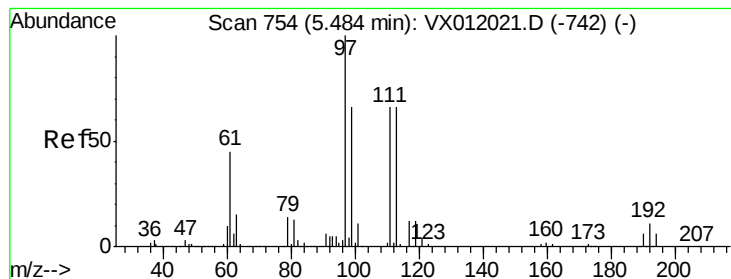


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.330 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012052.D

Acq: 04 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B2-(2.5)

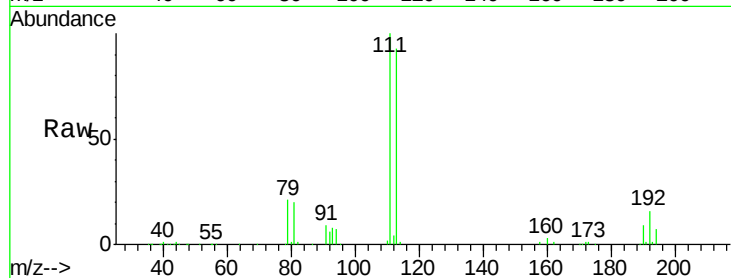
Tot Ion:113 Resp: 85250

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

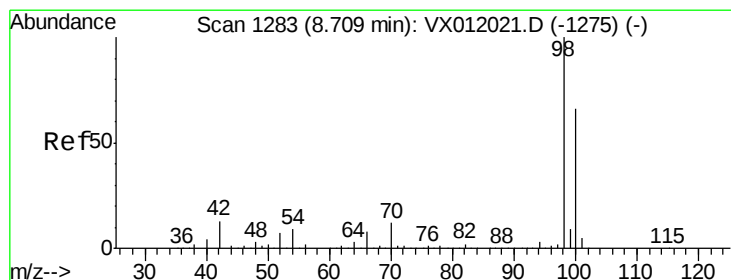
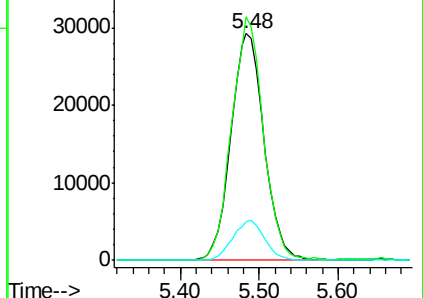
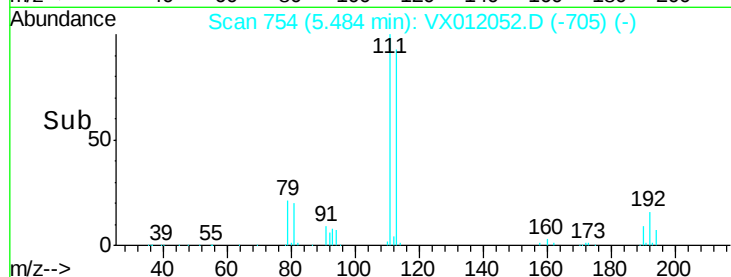
192 17.0 22.5 33.7#



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



#50

Toluene-d8

Concen: 53.279 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012052.D

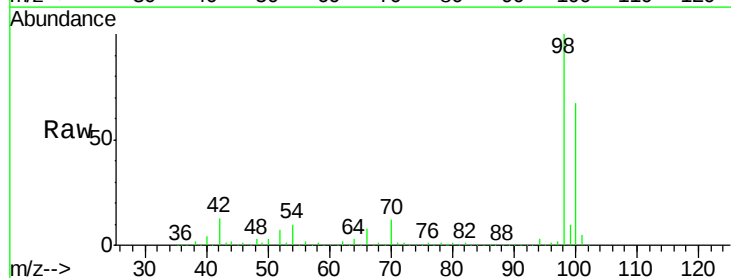
Acq: 04 Sep 2019 15:20

Tgt Ion: 98 Resp: 337877

Ion Ratio Lower Upper

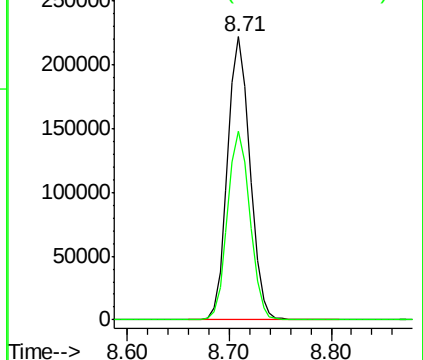
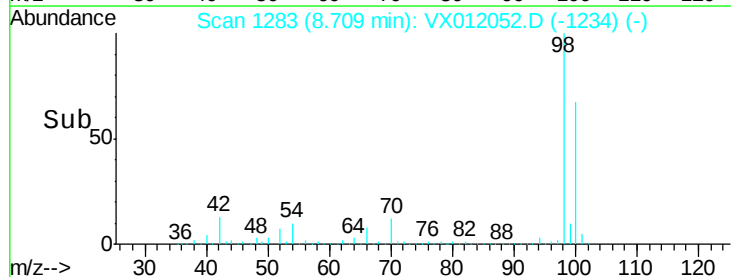
98 100

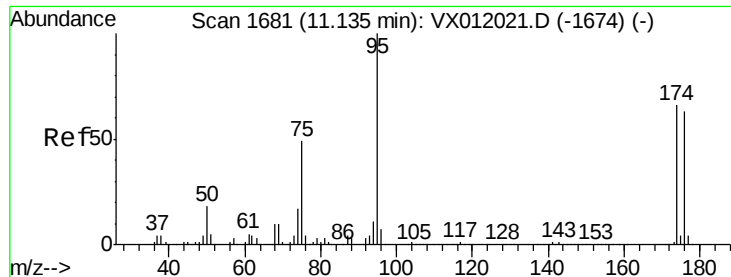
100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

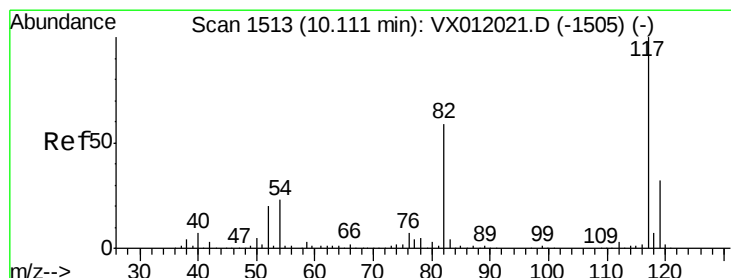
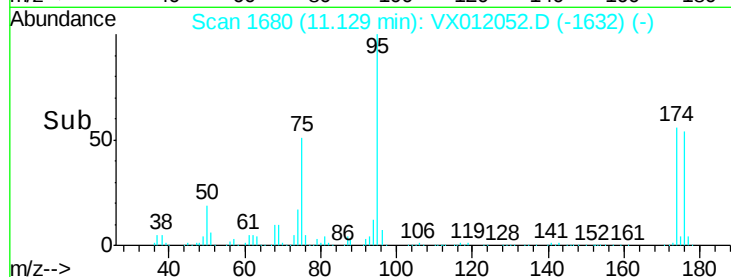
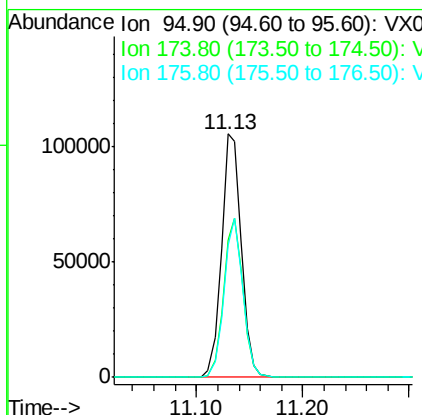
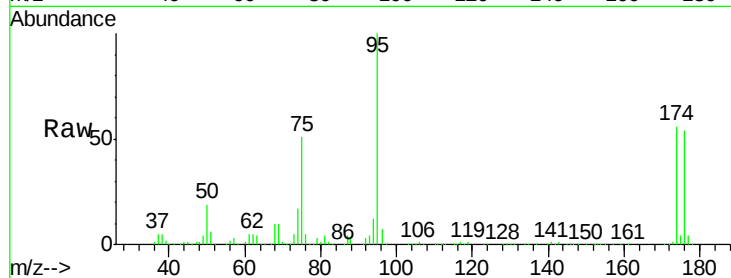




#62
4-Bromofluorobenzene
Concen: 46.384 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012052.D
Acq: 04 Sep 2019 15:20

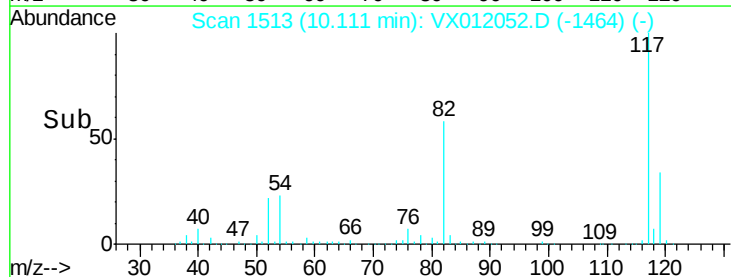
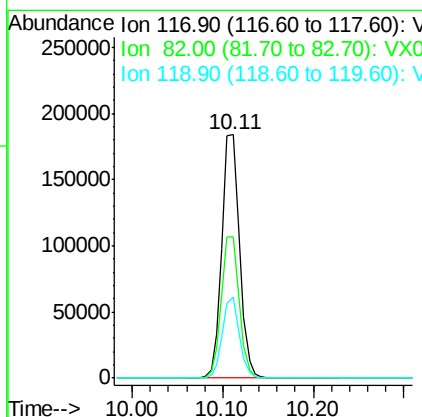
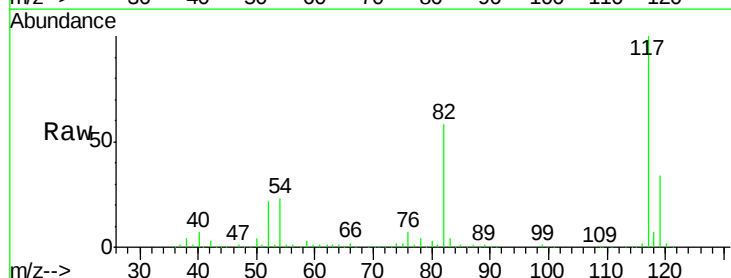
Instrument :
MSVOA_X
ClientSampled :
T3-S-B2-(2.5)

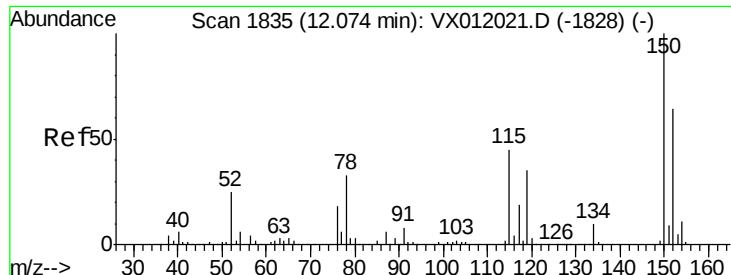
Tot Ion: 95 Resp: 136797
Ion Ratio Lower Upper
95 100
174 63.5 0.0 205.4
176 62.3 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012052.D
Acq: 04 Sep 2019 15:20

Tgt Ion: 117 Resp: 252545
Ion Ratio Lower Upper
117 100
82 57.9 39.4 59.0
119 33.5 26.1 39.1

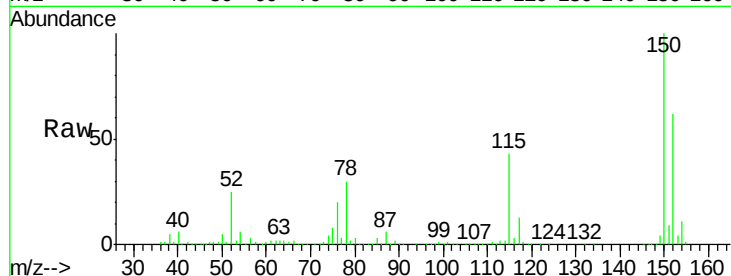




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012052.D
 Acq: 04 Sep 2019 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B2-(2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.6	36.4	109.3
150	157.5	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

