

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012087.D
 Acq On : 05 Sep 2019 08:29
 Operator : SY/SP
 Sample : K4548-05
 Misc : 4.41g/5.0mL/MSVOA X/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G2-(0)

Quant Time: Sep 05 14:48:29 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

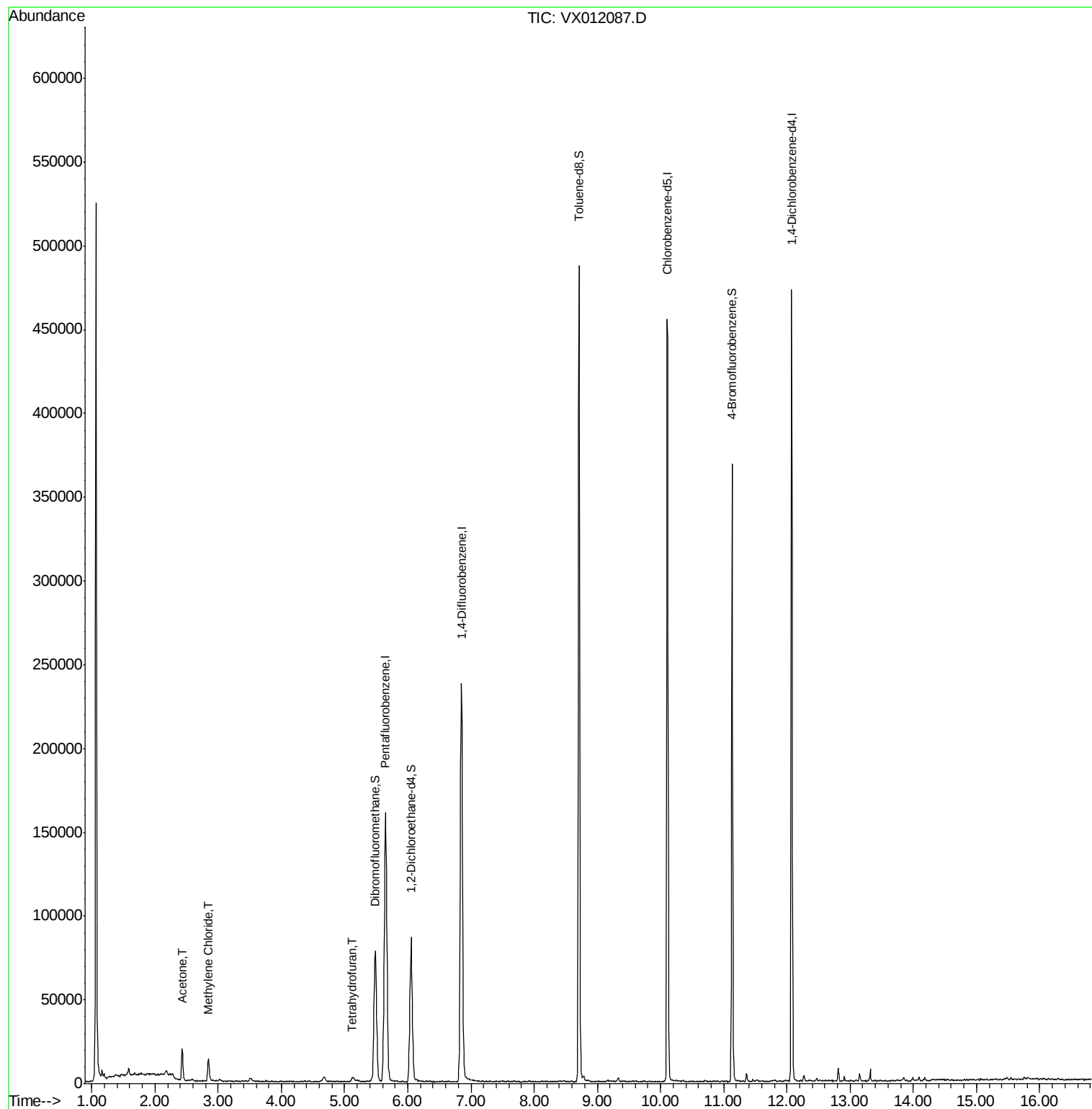
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	134290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	228650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	196553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	85817	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	5.48	113	66484	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	8.71	98	270324	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	105603	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
Target Compounds						
16) Acetone	2.43	43	19798	44.702	ug/l	98
20) Methylene Chloride	2.84	84	6211	3.492	ug/l	90
29) Tetrahydrofuran	5.12	42	2826	8.320	ug/l	95

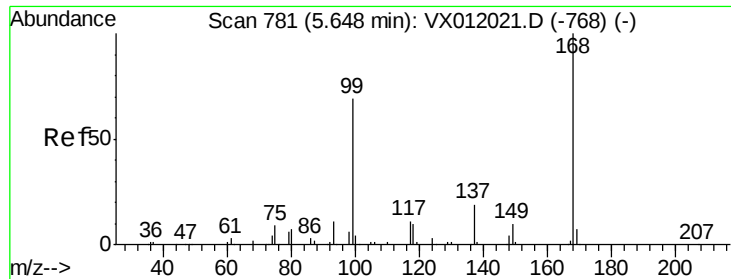
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012087.D

Acq: 05 Sep 2019 08:29

Instrument :

MSVOA_X

ClientSampled :

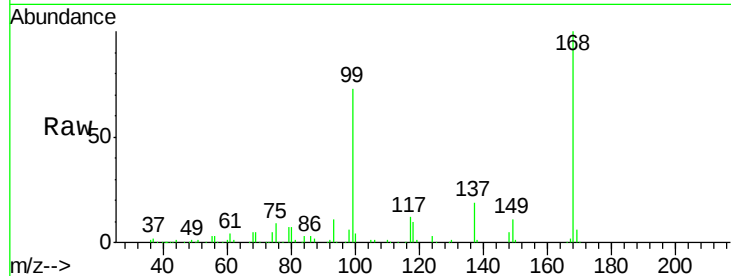
T8-S-G2-(0)

Tot Ion:168 Resp: 134290

Ion Ratio Lower Upper

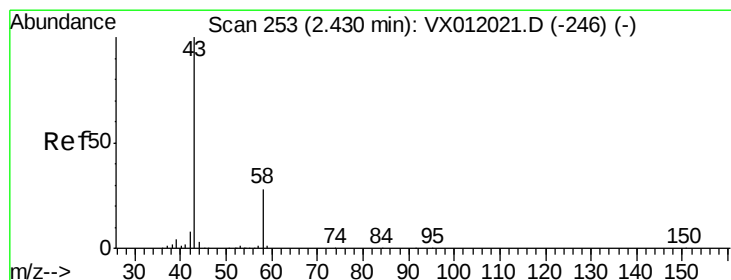
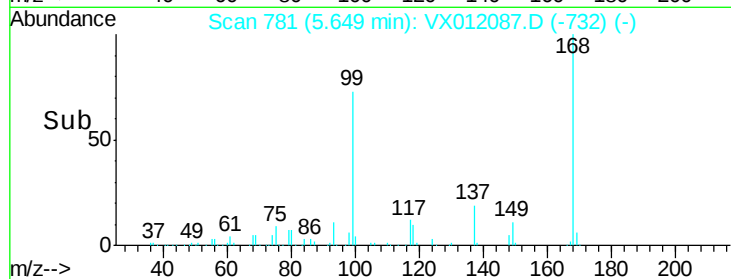
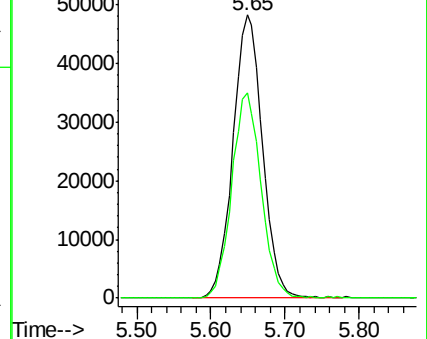
168 100

99 72.7 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: 44.702 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012087.D

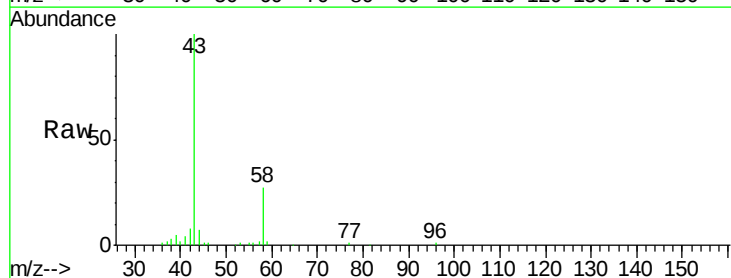
Acq: 05 Sep 2019 08:29

Tgt Ion: 43 Resp: 19798

Ion Ratio Lower Upper

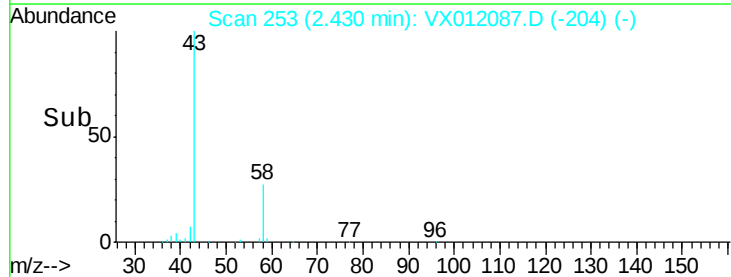
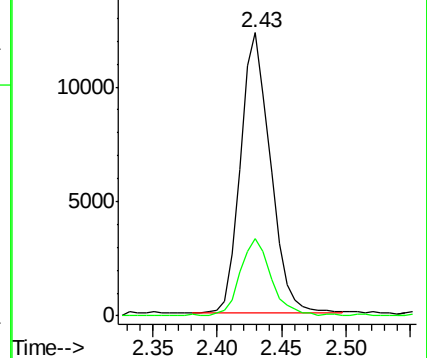
43 100

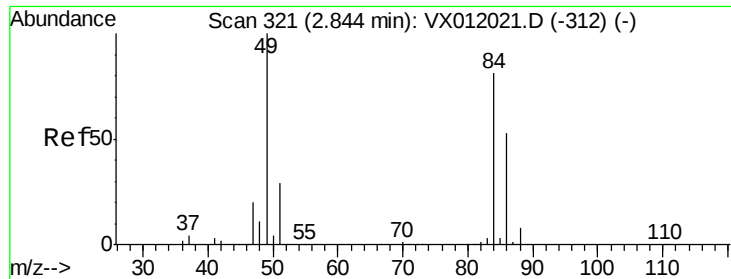
58 27.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

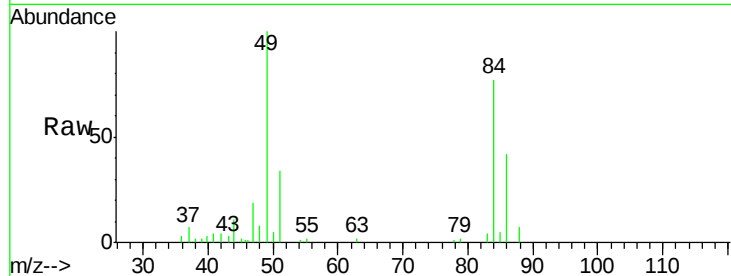




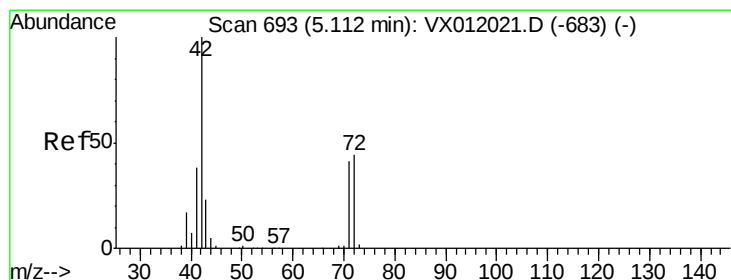
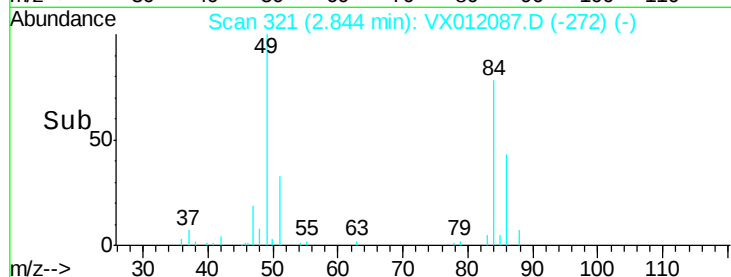
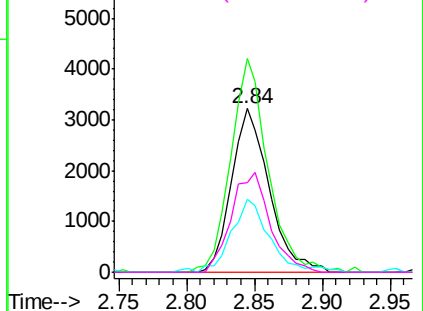
#20
Methylene Chloride
Concen: 3.492 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012087.D
Acq: 05 Sep 2019 08:29

Instrument :
MSVOA_X
ClientSampled :
T8-S-G2-(0)

Tot Ion:	84	Resp:	6211
Ion	Ratio	Lower	Upper
84	100		
49	130.4	95.8	143.8
51	42.6	28.6	43.0
86	54.8	50.9	76.3

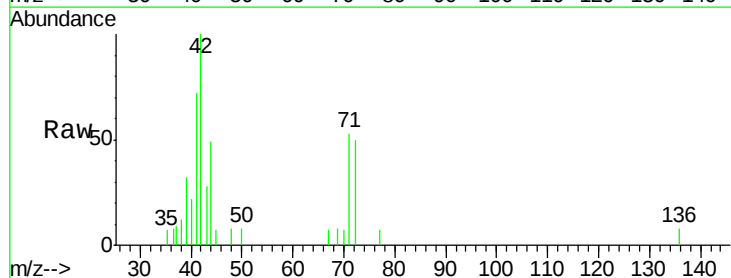


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

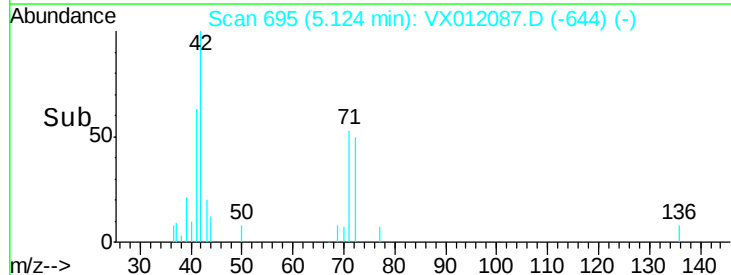
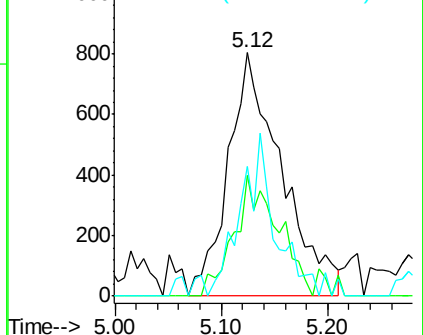


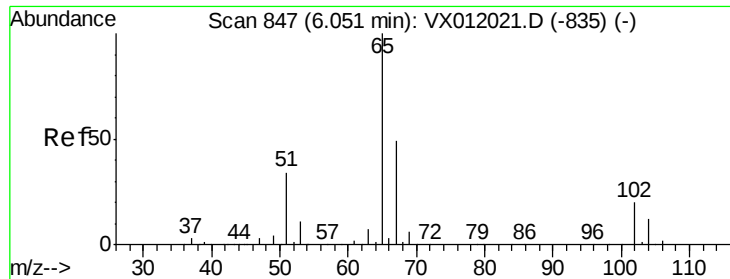
#29
Tetrahydrofuran
Concen: 8.320 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012087.D
Acq: 05 Sep 2019 08:29

Tgt Ion:	42	Resp:	2826
Ion	Ratio	Lower	Upper
42	100		
72	40.6	37.0	55.4
71	42.9	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

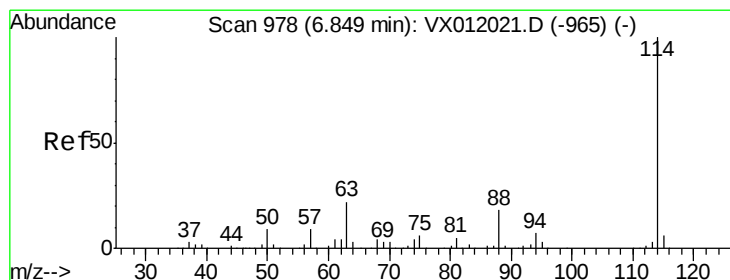
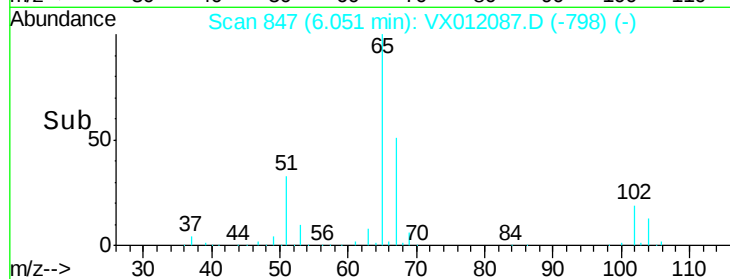
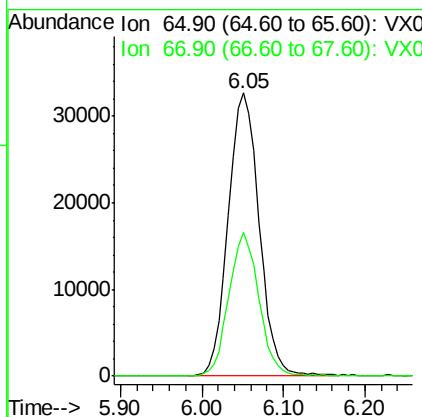
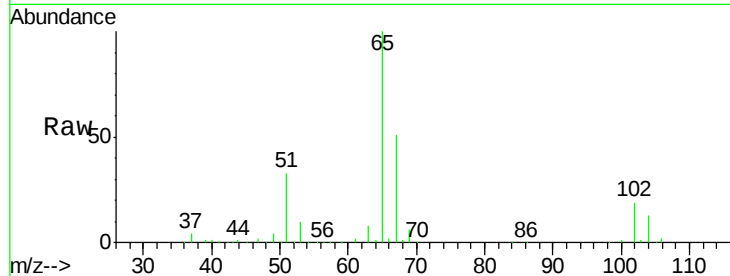




#33
 1,2-Dichloroethane-d4
 Concen: 46.314 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012087.D
 Acq: 05 Sep 2019 08:29

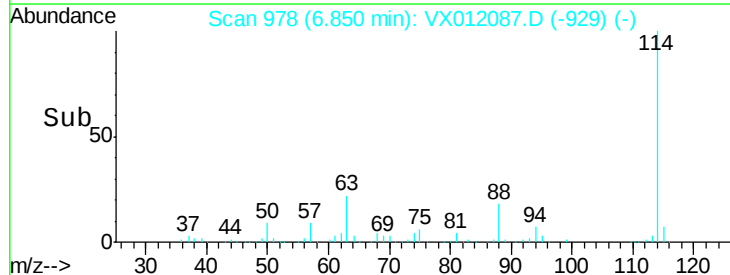
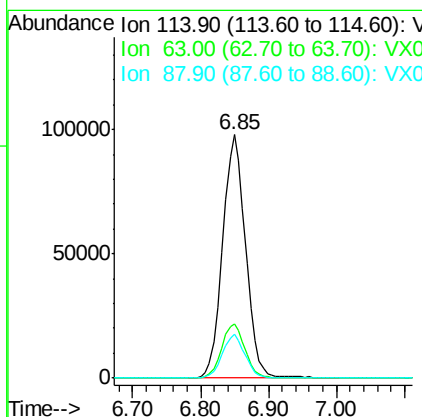
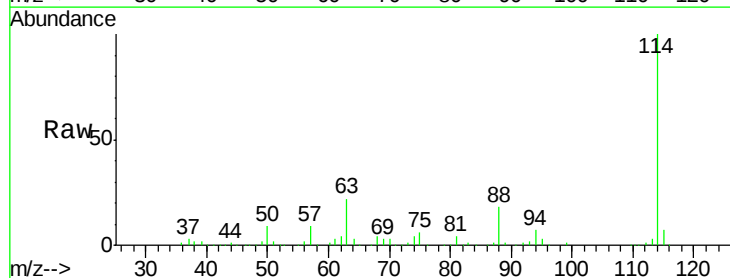
Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G2-(0)

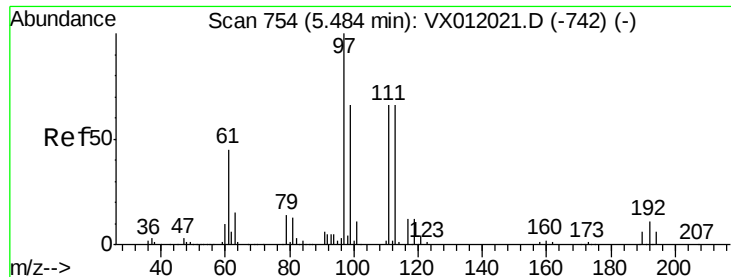
Tot Ion: 65 Resp: 85817
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012087.D
 Acq: 05 Sep 2019 08:29

Tgt Ion: 114 Resp: 228650
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.4
 88 17.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.281 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012087.D

Acq: 05 Sep 2019 08:29

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G2-(0)

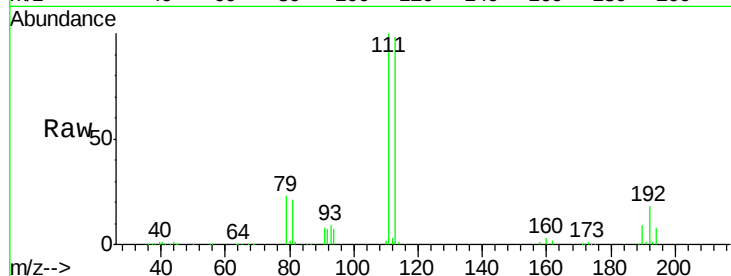
Tot Ion:113 Resp: 66484

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

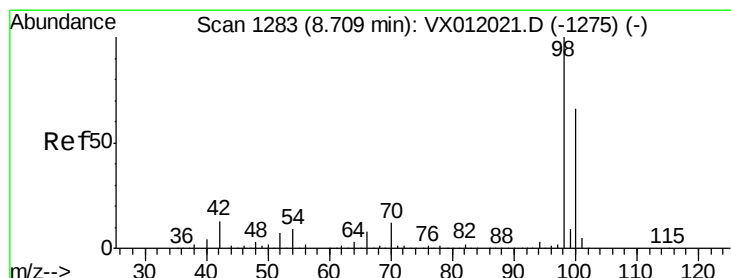
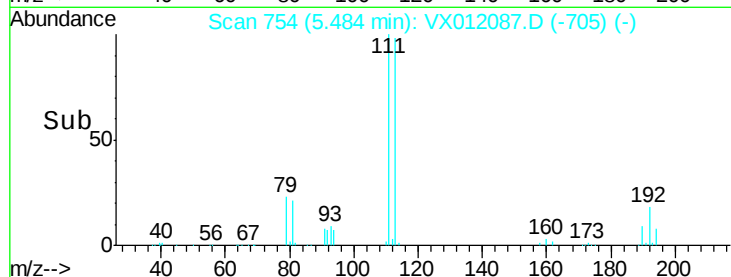
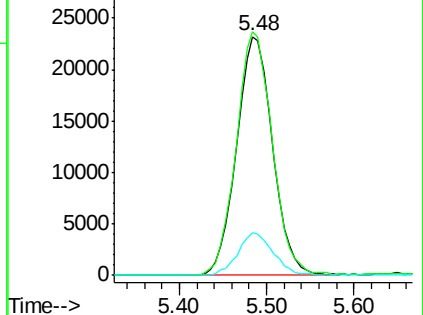
192 17.4 22.5 33.7#



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



#50

Toluene-d8

Concen: 52.390 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012087.D

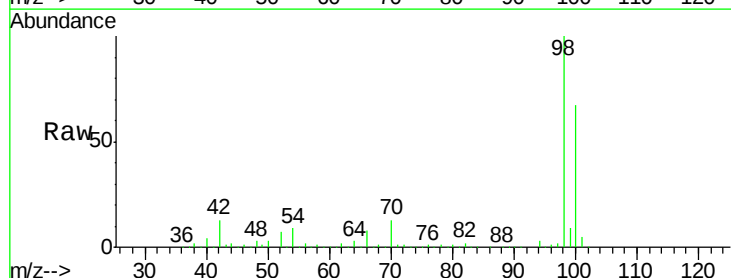
Acq: 05 Sep 2019 08:29

Tgt Ion: 98 Resp: 270324

Ion Ratio Lower Upper

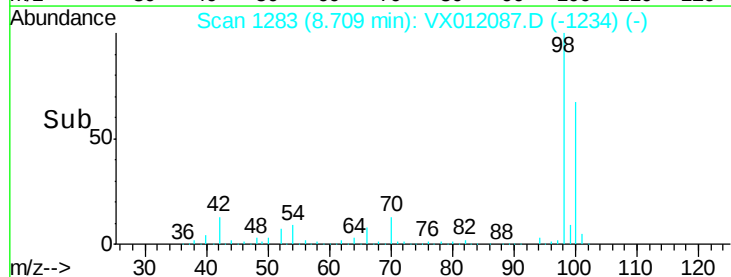
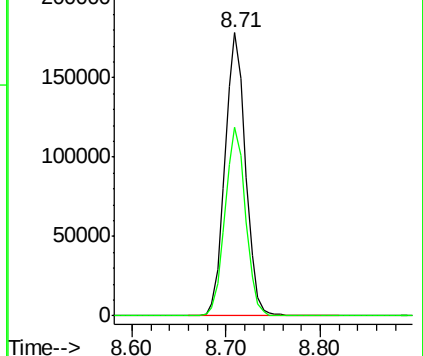
98 100

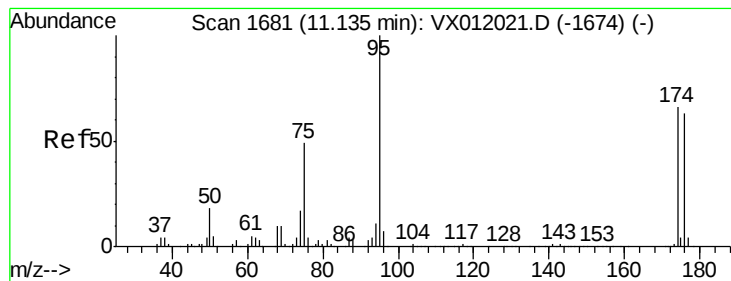
100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.008 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012087.D

Acq: 05 Sep 2019 08:29

Instrument :

MSVOA_X

ClientSampled :

T8-S-G2-(0)

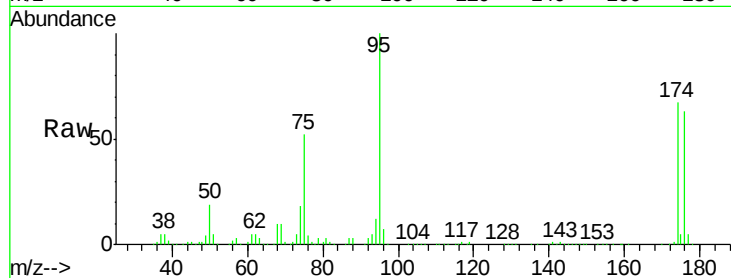
Tot Ion: 95 Resp: 105603

Ion Ratio Lower Upper

95 100

174 62.8 0.0 205.4

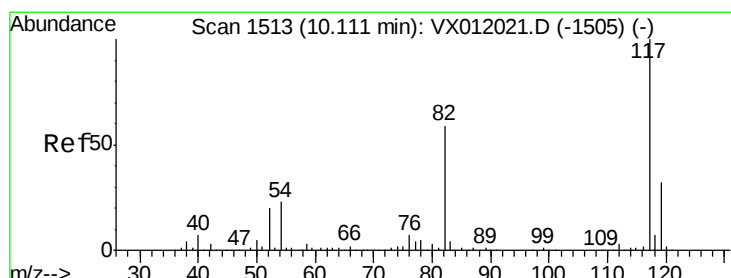
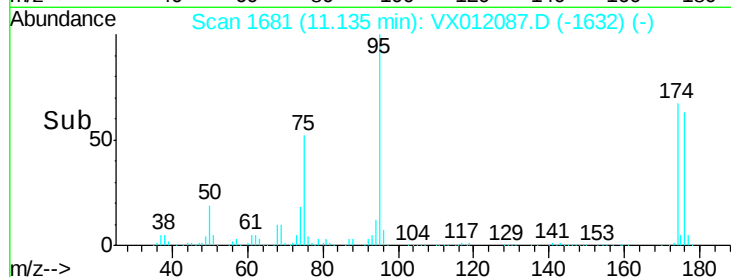
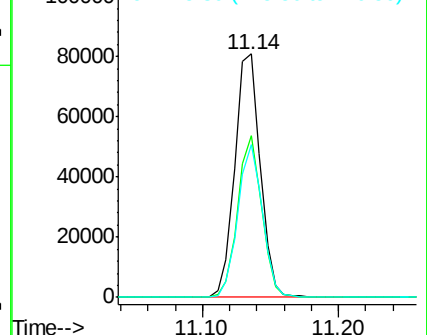
176 60.7 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012087.D

Acq: 05 Sep 2019 08:29

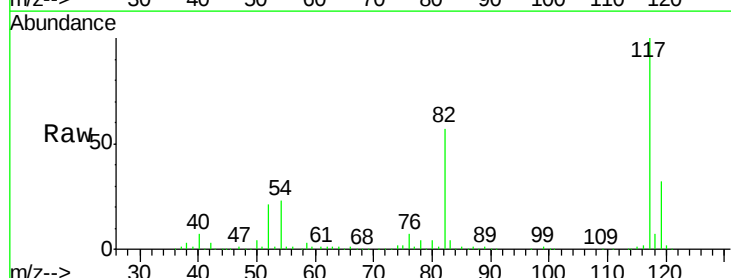
Tgt Ion: 117 Resp: 196553

Ion Ratio Lower Upper

117 100

82 57.3 39.4 59.0

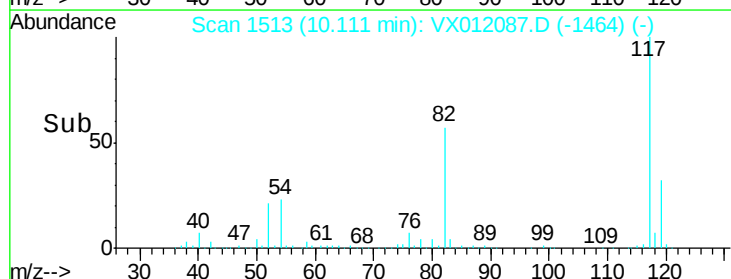
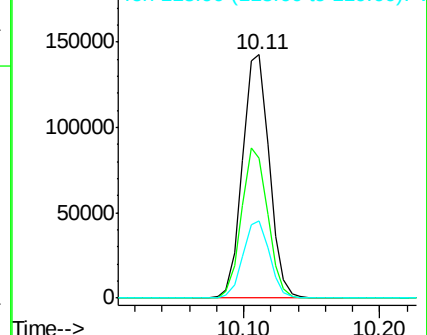
119 31.8 26.1 39.1

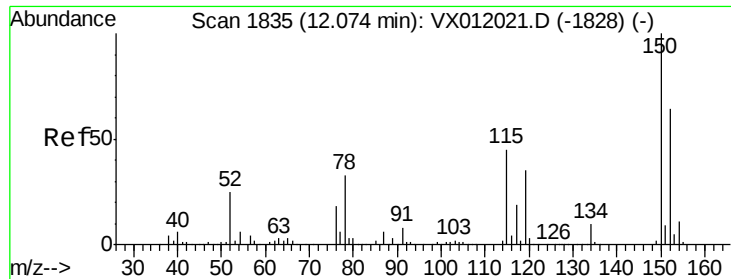


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012087.D

Acq: 05 Sep 2019 08:29

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G2-(0)

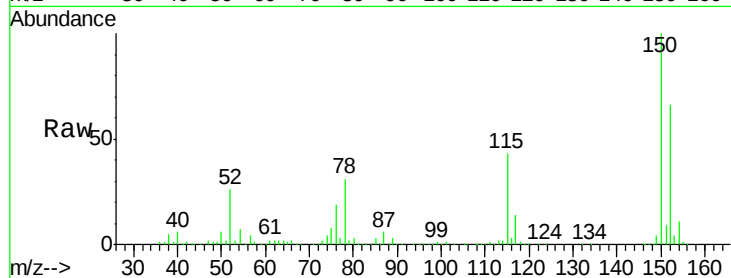
Tot Ion:152 Resp: 86559

Ion Ratio Lower Upper

152 100

115 67.1 36.4 109.3

150 154.7 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

