

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012134.D
 Acq On : 06 Sep 2019 07:59
 Operator : SY/SP
 Sample : K4580-09
 Misc : 4.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-B2-(3.5)

Quant Time: Sep 06 11:40:35 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

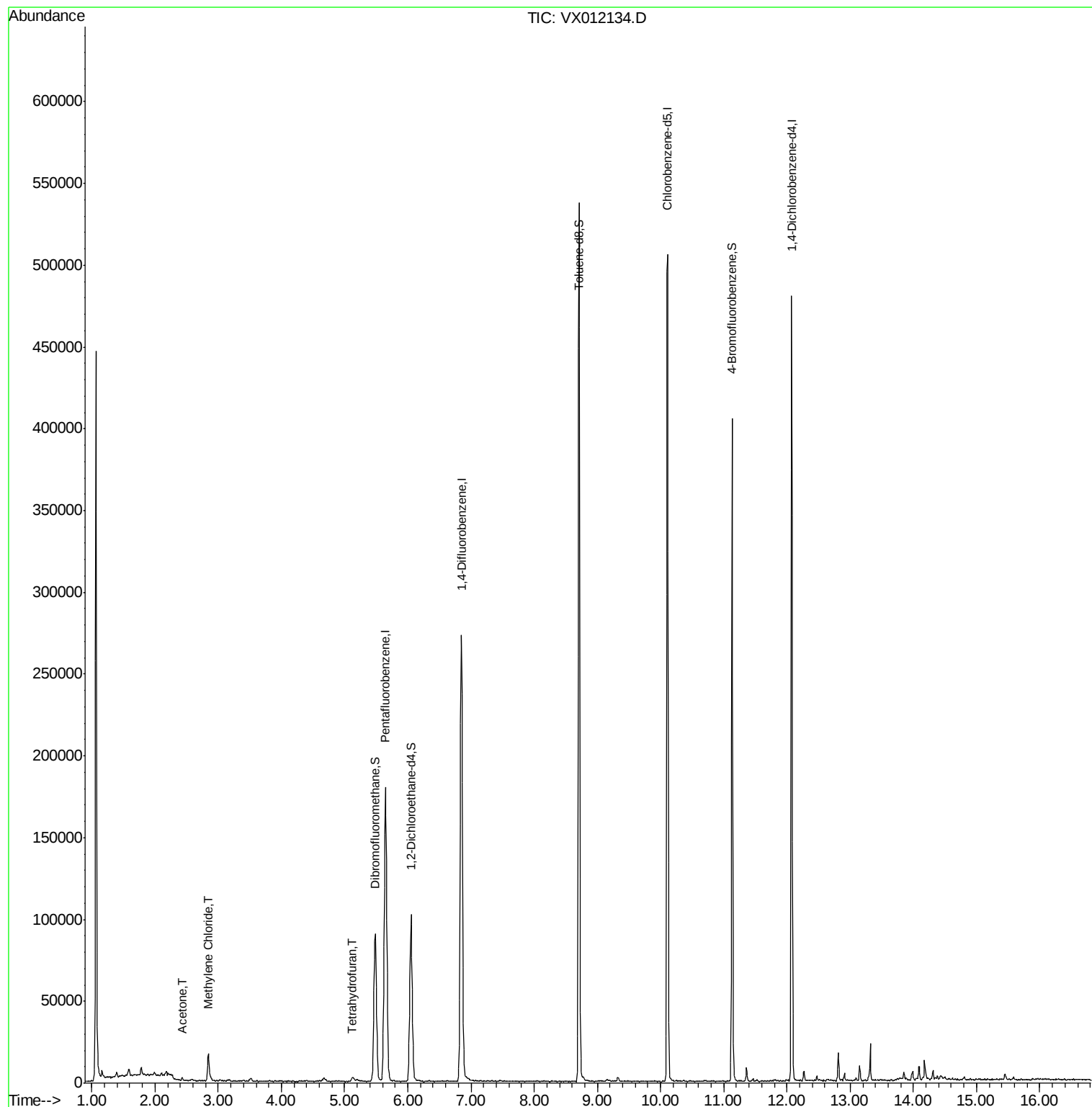
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	148106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	262704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103177	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
35) Dibromofluoromethane	5.48	113	77664	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	306592	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.14	95	114816	41.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.28%	
Target Compounds						
16) Acetone	2.43	43	1308	2.678	ug/l	91
20) Methylene Chloride	2.84	84	7566	3.857	ug/l	95
29) Tetrahydrofuran	5.12	42	2885	7.701	ug/l	91

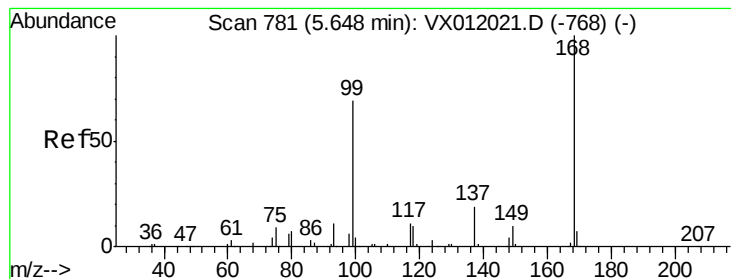
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012134.D

Acq: 06 Sep 2019 07:59

Instrument :

MSVOA_X

ClientSampleId :

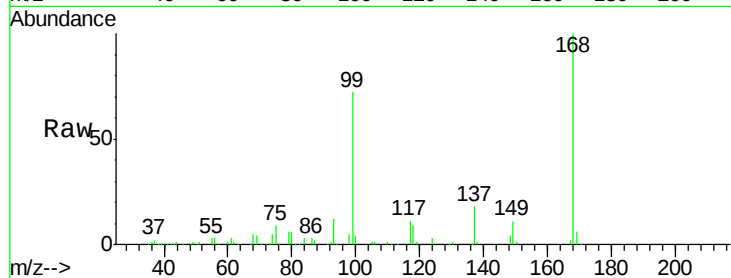
T12-B2-(3.5)

Tot Ion:168 Resp: 148106

Ion Ratio Lower Upper

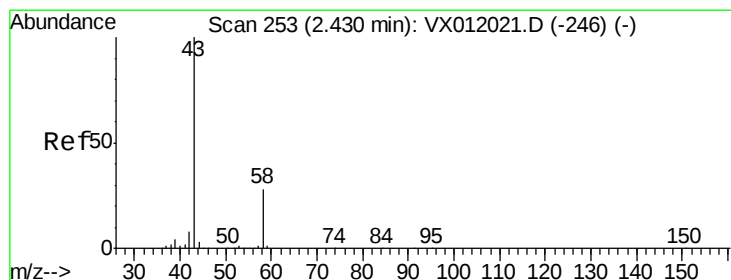
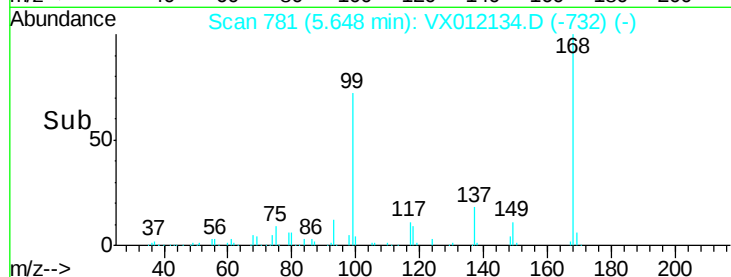
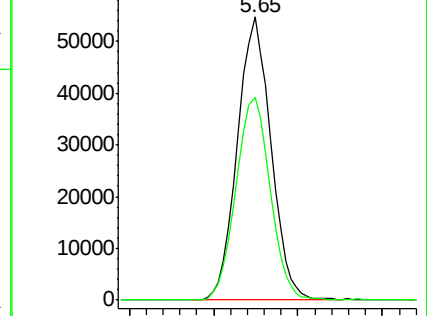
168 100

99 71.6 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: 2.678 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012134.D

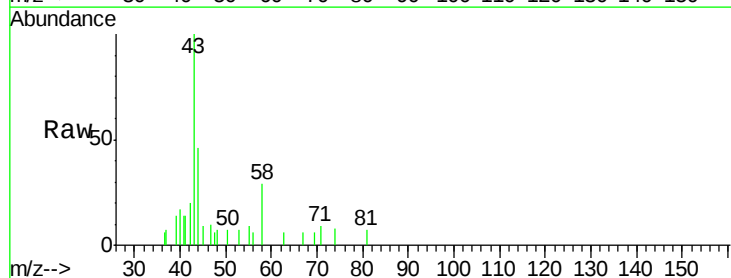
Acq: 06 Sep 2019 07:59

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

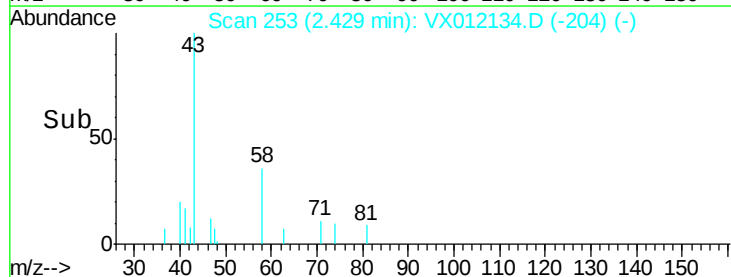
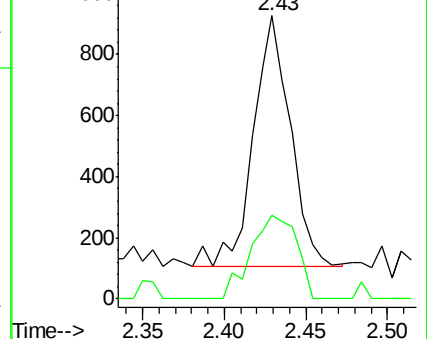
43 100

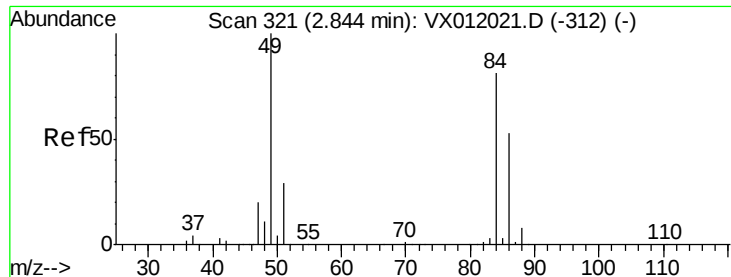
58 33.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

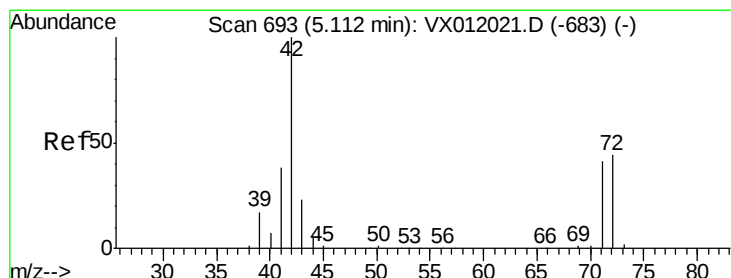
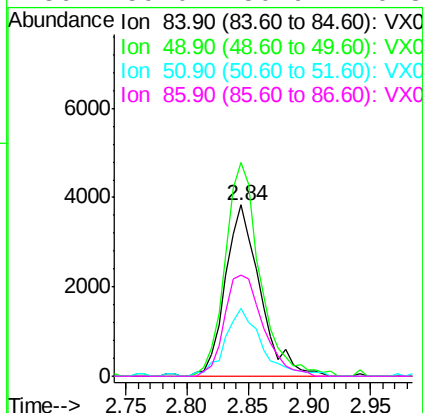
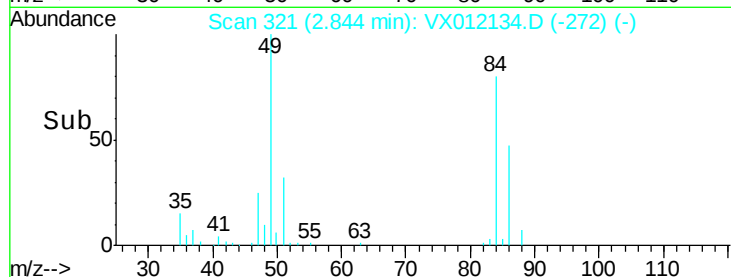
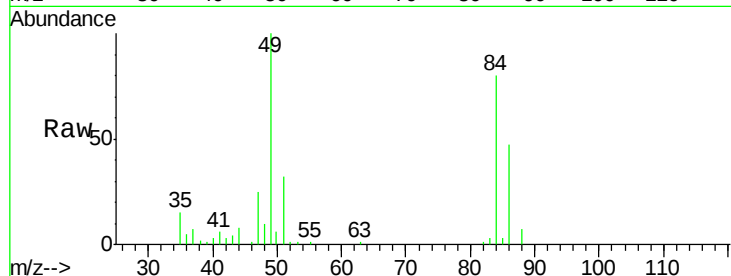




#20
Methvlene Chloride
Concen: 3.857 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012134.D
Acq: 06 Sep 2019 07:59

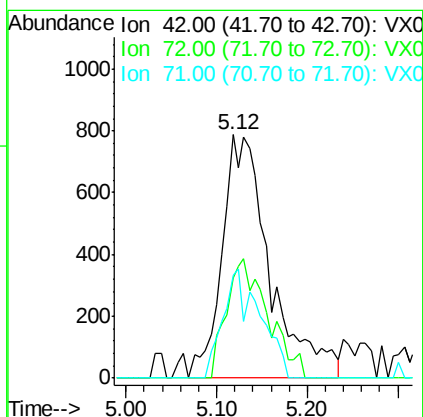
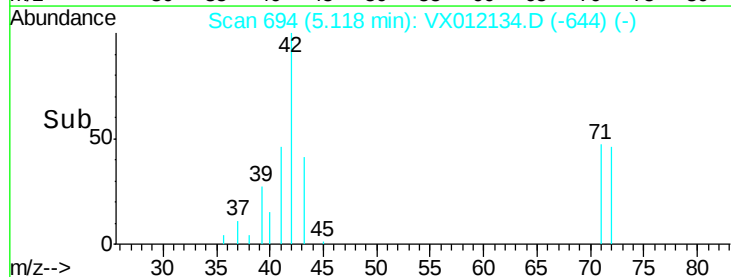
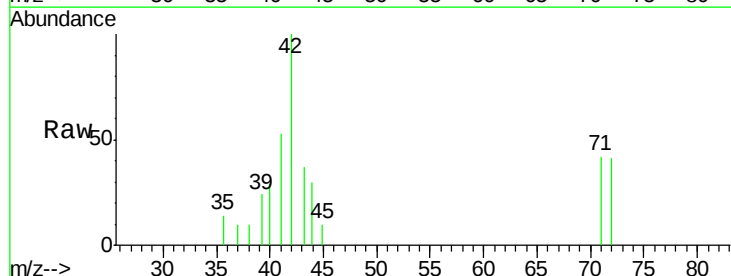
Instrument :
MSVOA_X
ClientSampleId :
T12-B2-(3.5)

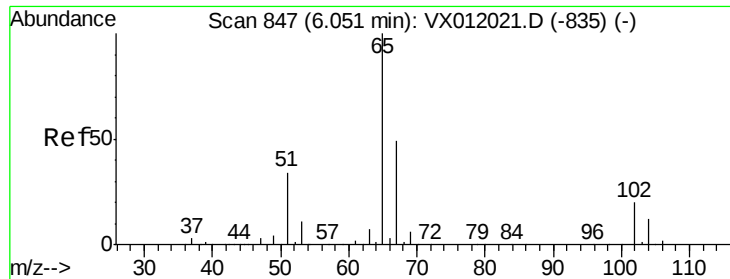
Tot Ion:	84	Resp:	7566
Ion	Ratio	Lower	Upper
84	100		
49	124.6	95.8	143.8
51	39.5	28.6	43.0
86	59.0	50.9	76.3



#29
Tetrahydrofuran
Concen: 7.701 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012134.D
Acq: 06 Sep 2019 07:59

Tgt Ion:	42	Resp:	2885
Ion	Ratio	Lower	Upper
42	100		
72	42.4	37.0	55.4
71	34.6	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.489 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012134.D

Acq: 06 Sep 2019 07:59

Instrument :

MSVOA_X

ClientSampleId :

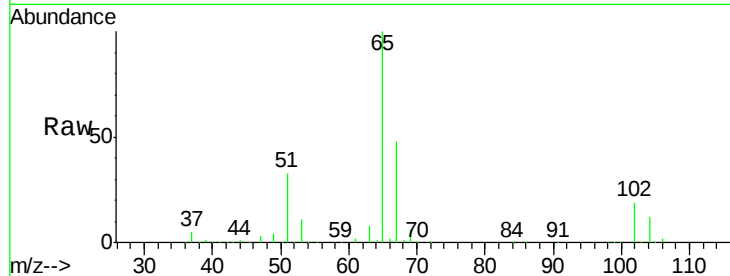
T12-B2-(3.5)

Tot Ion: 65 Resp: 103177

Ion Ratio Lower Upper

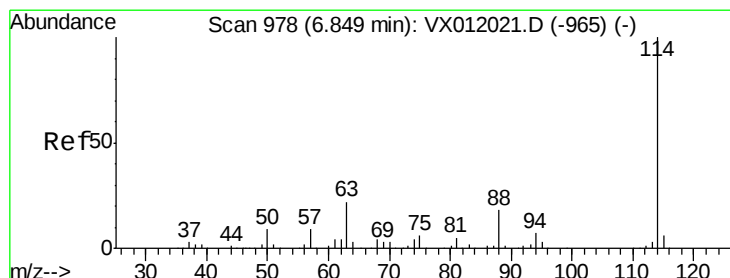
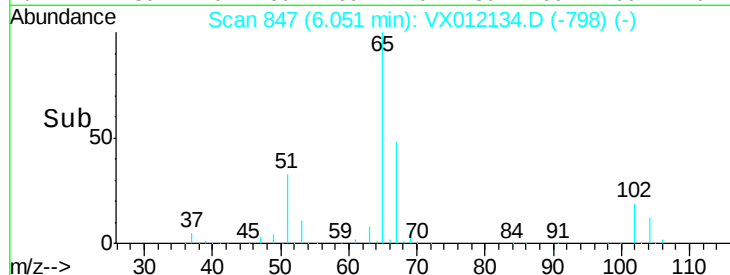
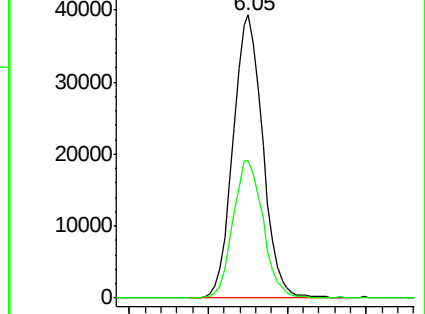
65 100

67 49.3 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: VX012134.D

Acq: 06 Sep 2019 07:59

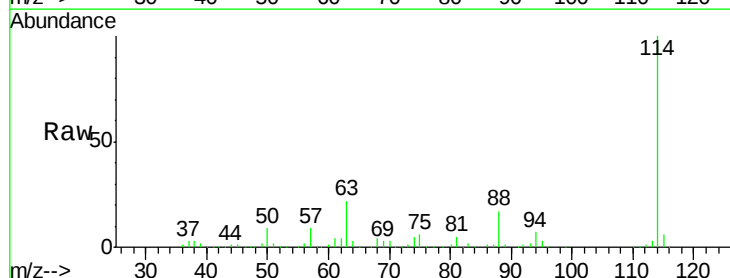
Tgt Ion: 114 Resp: 262704

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

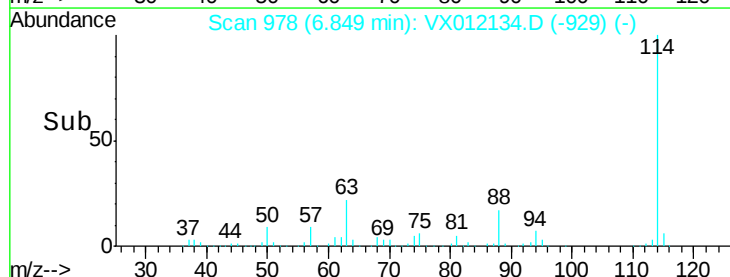
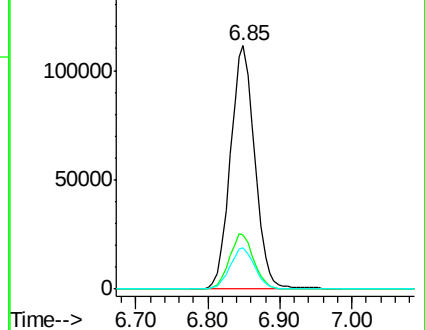
88 17.0 0.0 29.6

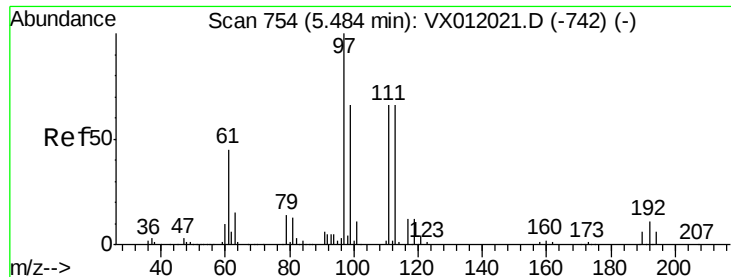


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.073 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012134.D

Acq: 06 Sep 2019 07:59

Instrument :

MSVOA_X

ClientSampleId :

T12-B2-(3.5)

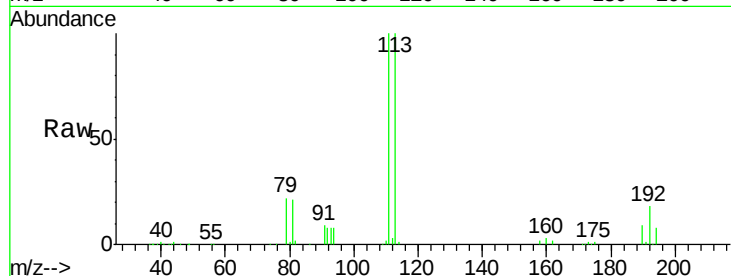
Tot Ion:113 Resp: 77664

Ion Ratio Lower Upper

113 100

111 101.4 81.7 122.5

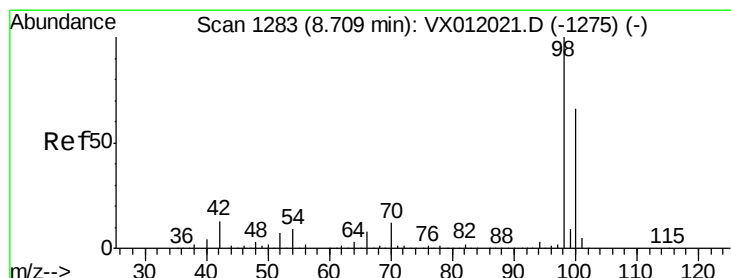
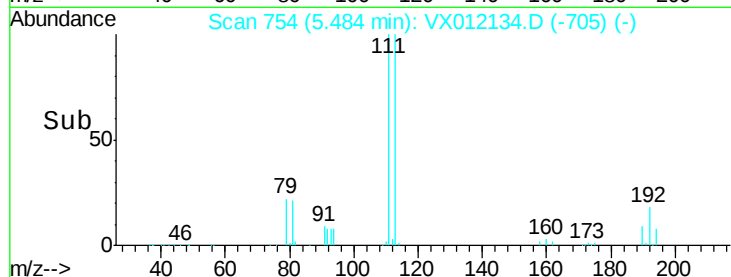
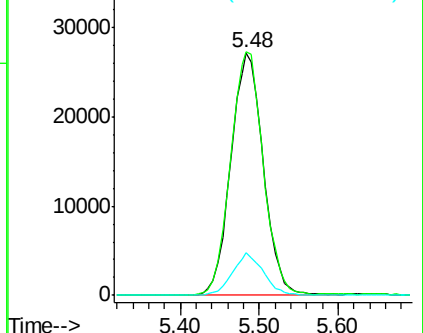
192 16.7 22.5 33.7#



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: 51.716 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012134.D

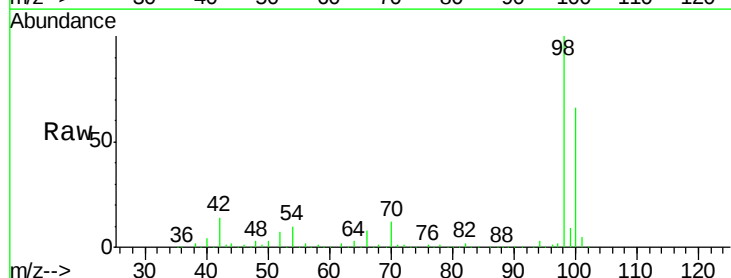
Acq: 06 Sep 2019 07:59

Tgt Ion: 98 Resp: 306592

Ion Ratio Lower Upper

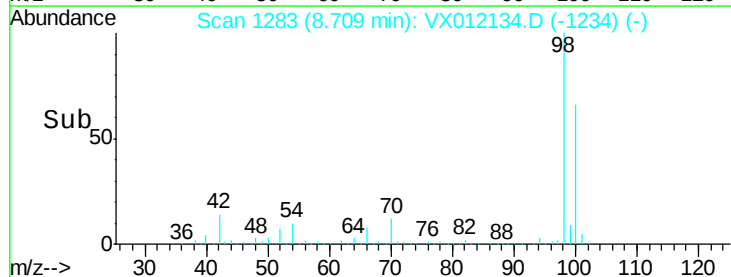
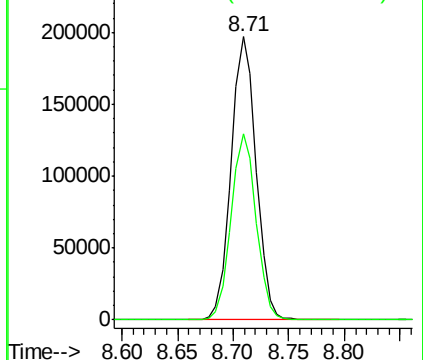
98 100

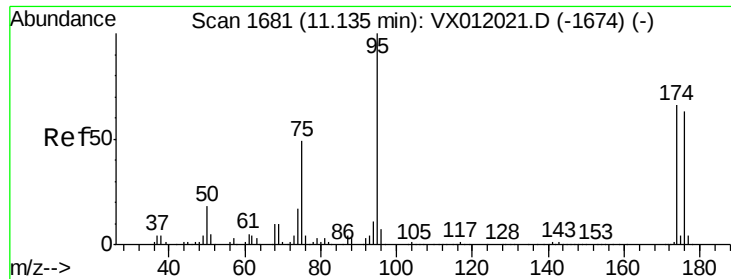
100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

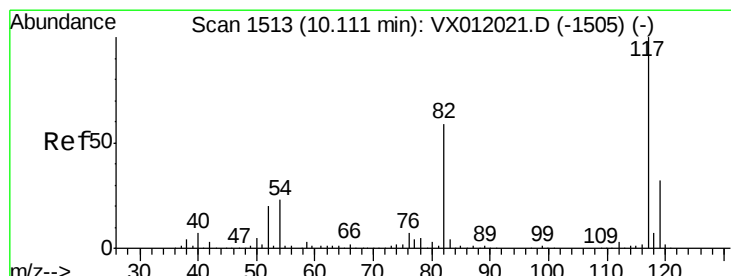
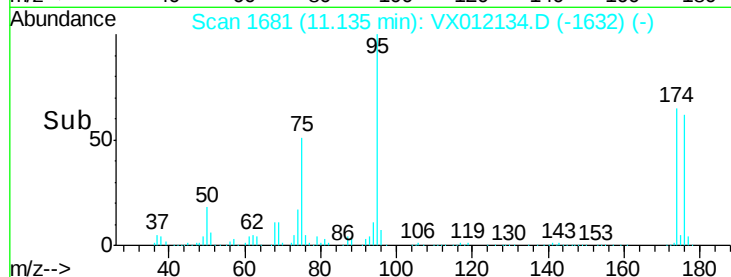
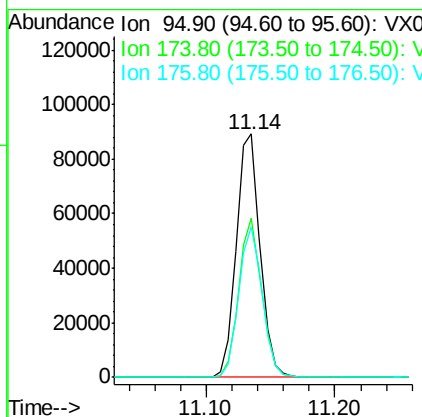
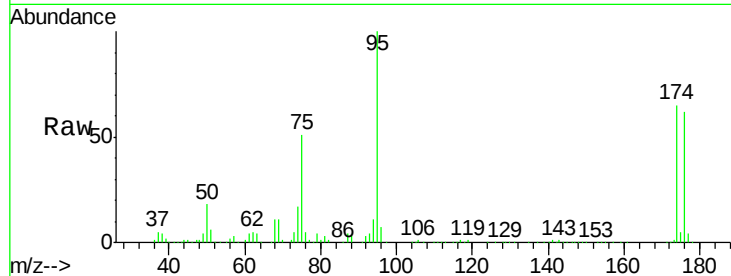




#62
4-Bromofluorobenzene
Concen: 41.645 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012134.D
Acq: 06 Sep 2019 07:59

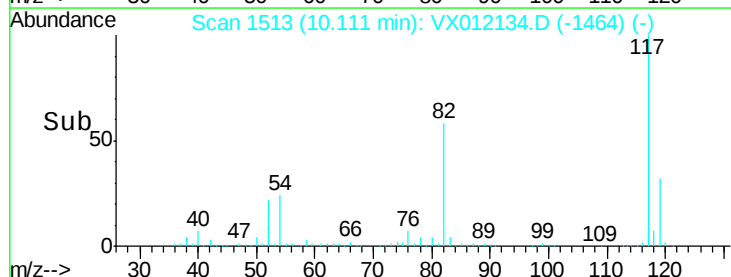
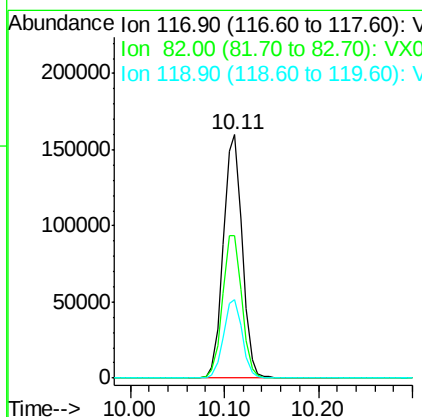
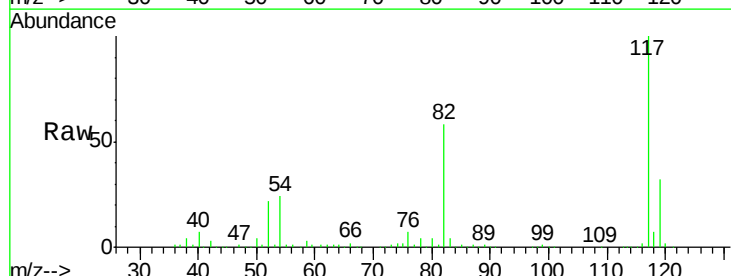
Instrument :
MSVOA_X
ClientSampleId :
T12-B2-(3.5)

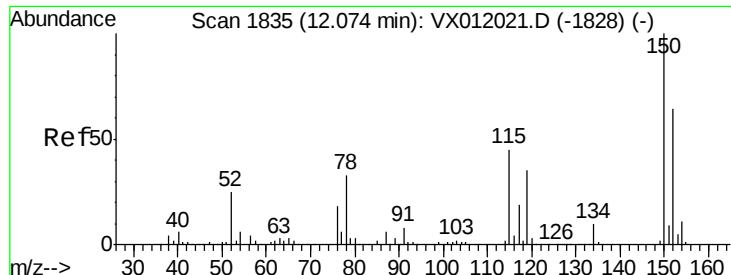
Tot Ion: 95 Resp: 114816
Ion Ratio Lower Upper
95 100
174 62.7 0.0 205.4
176 60.8 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012134.D
Acq: 06 Sep 2019 07:59

Tgt Ion: 117 Resp: 221798
Ion Ratio Lower Upper
117 100
82 58.4 39.4 59.0
119 32.3 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: VX012134.D

Acq: 06 Sep 2019 07:59

Instrument :

MSVOA_X

ClientSampleId :

T12-B2-(3.5)

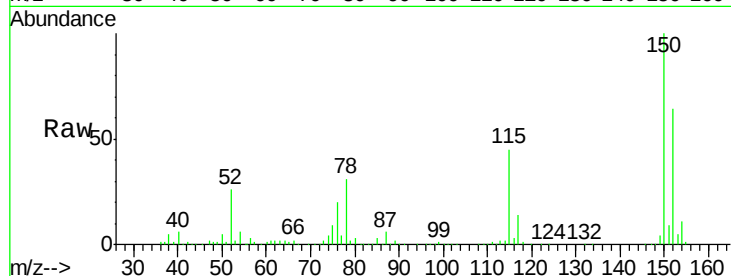
Tot Ion:152 Resp: 86810

Ion Ratio Lower Upper

152 100

115 68.6 36.4 109.3

150 155.5 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

