

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX012003.D
 Acq On : 01 Sep 2019 20:19
 Operator : SY/SP
 Sample : K4529-06
 Misc : 4.34g/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T3-(1.9)

Quant Time: Sep 02 05:22:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

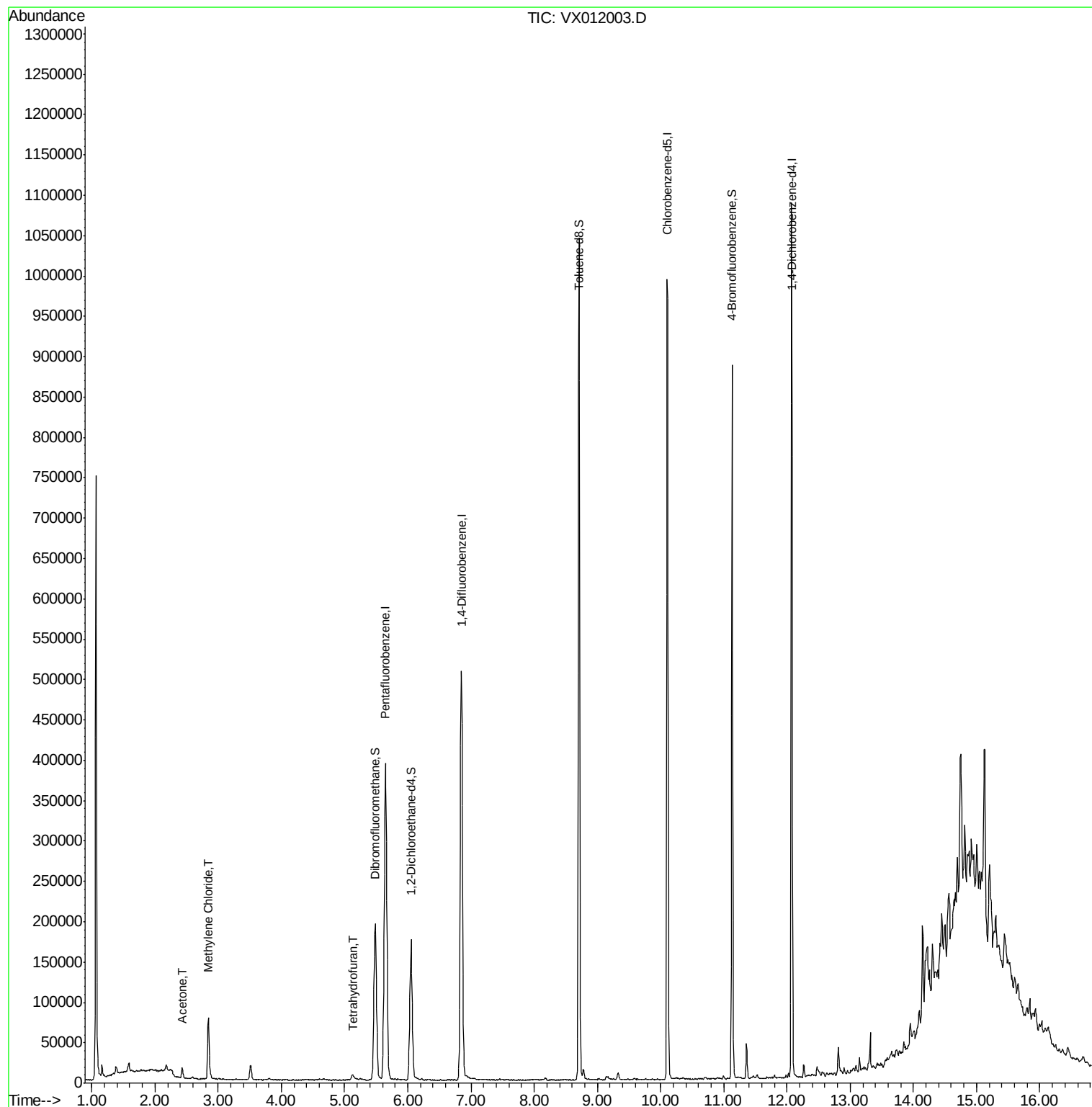
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	541568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	472997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	233502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	168763	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
35) Dibromofluoromethane	5.48	113	157087	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
50) Toluene-d8	8.71	98	608901	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.14	95	214962	39.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.94%	
Target Compounds						
16) Acetone	2.43	43	12971	14.995	ug/l	98
20) Methylene Chloride	2.84	84	37181	5.725	ug/l	95
29) Tetrahydrofuran	5.13	42	7142	9.082	ug/l	95

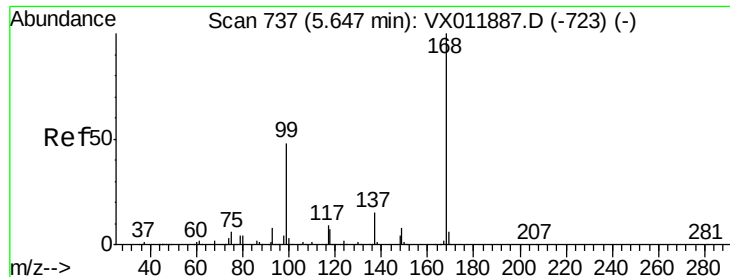
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012003.D

Acq: 01 Sep 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

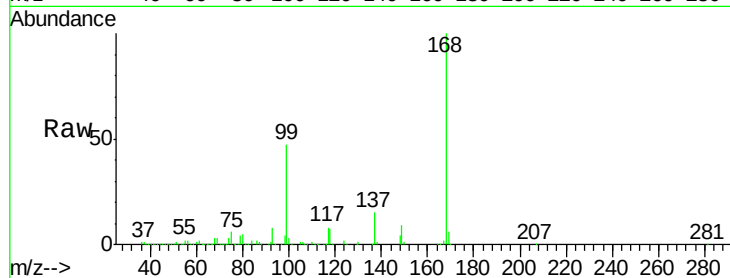
T9-12-13-T3-(1.9)

Tot Ion:168 Resp: 419631

Ion Ratio Lower Upper

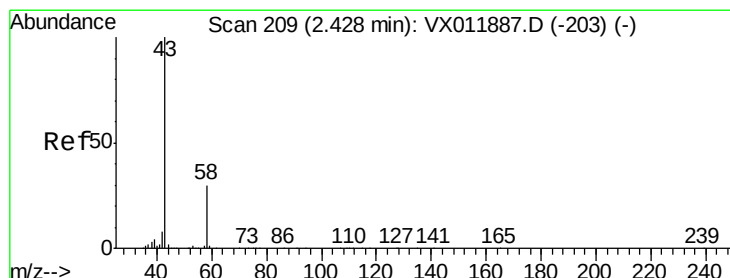
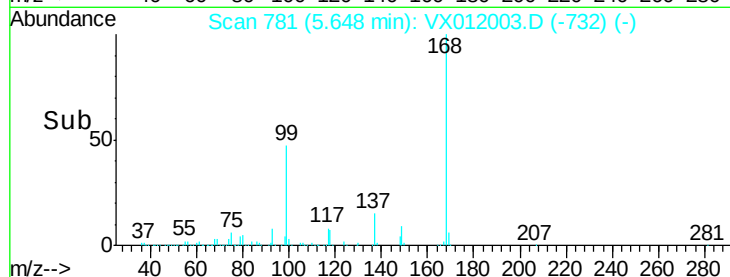
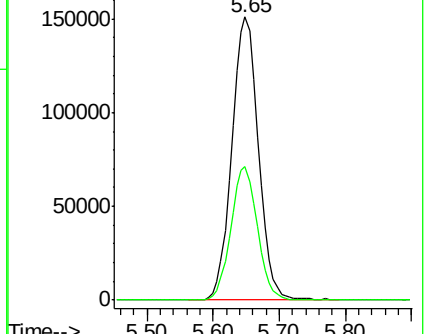
168 100

99 47.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.995 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012003.D

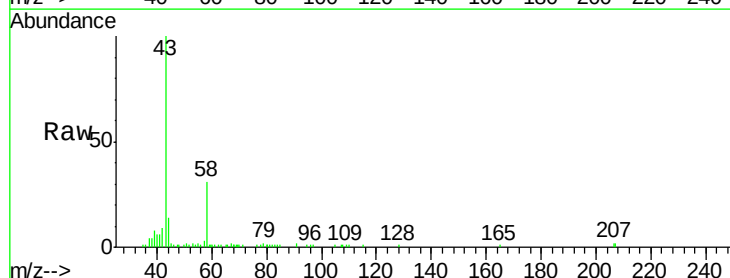
Acq: 01 Sep 2019 20:19

Tgt Ion: 43 Resp: 12971

Ion Ratio Lower Upper

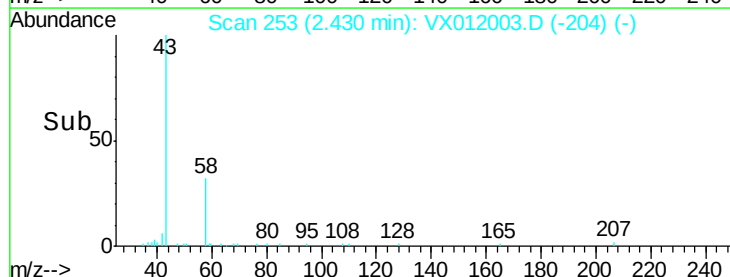
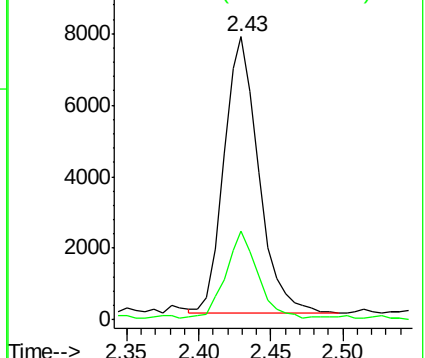
43 100

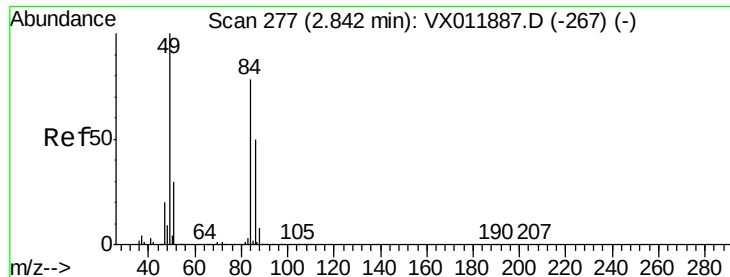
58 31.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

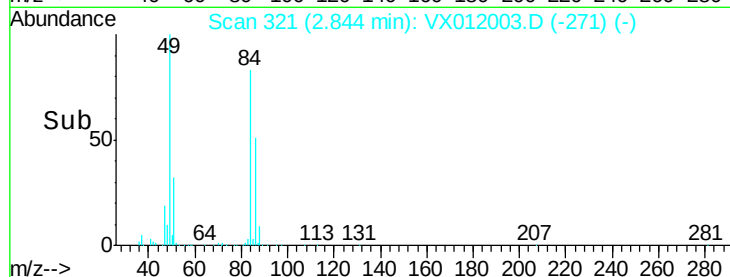
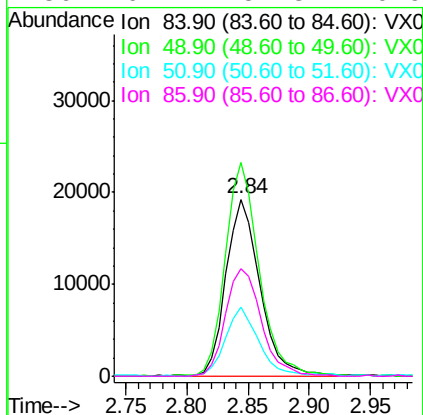
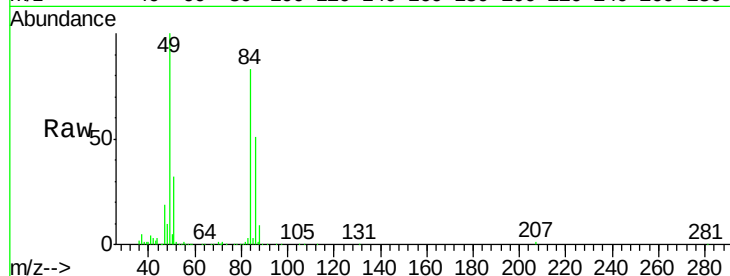




#20
Methylene Chloride
Concen: 5.725 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012003.D
Acq: 01 Sep 2019 20:19

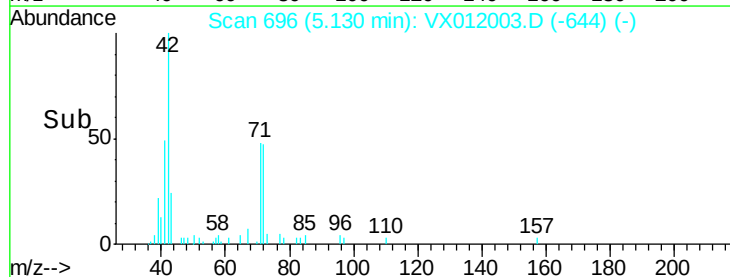
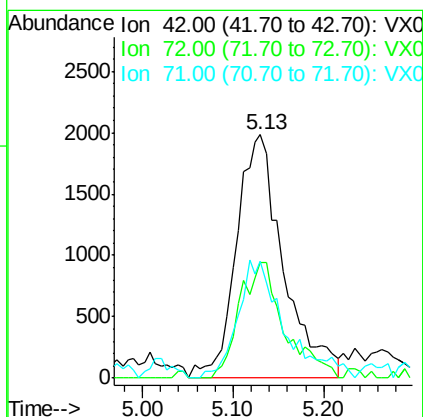
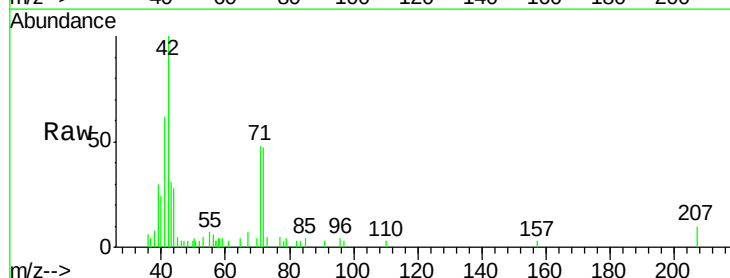
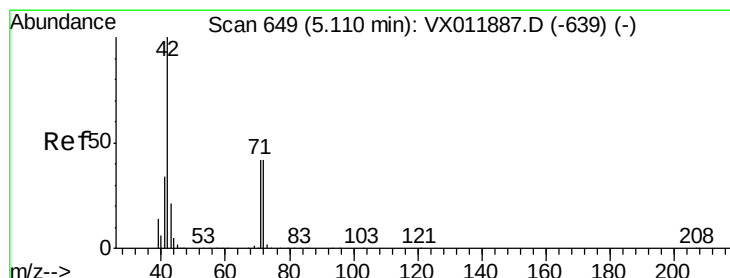
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(1.9)

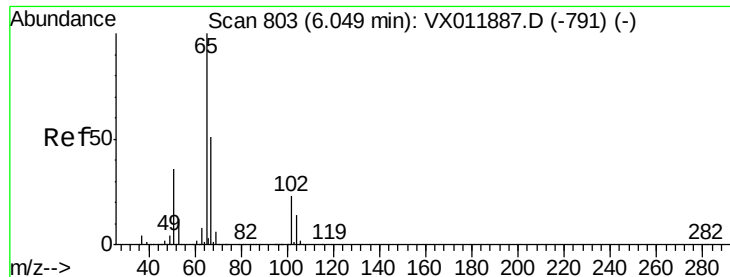
Tot Ion:	84	Resp:	37181
Ion	Ratio	Lower	Upper
84	100		
49	120.0	103.0	154.4
51	38.9	30.8	46.2
86	61.1	51.3	76.9



#29
Tetrahydrofuran
Concen: 9.082 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012003.D
Acq: 01 Sep 2019 20:19

Tgt Ion:	42	Resp:	7142
Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.2	54.4
71	47.8	33.1	49.7

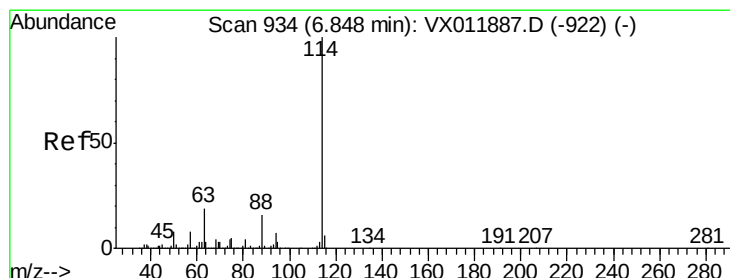
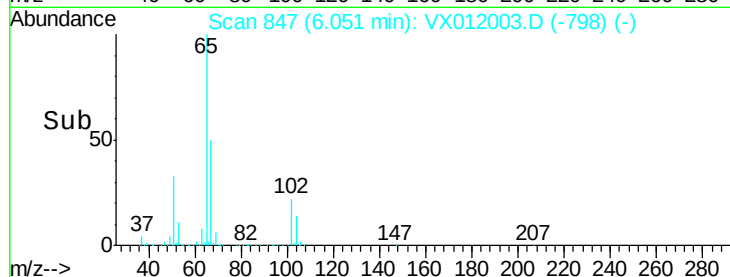
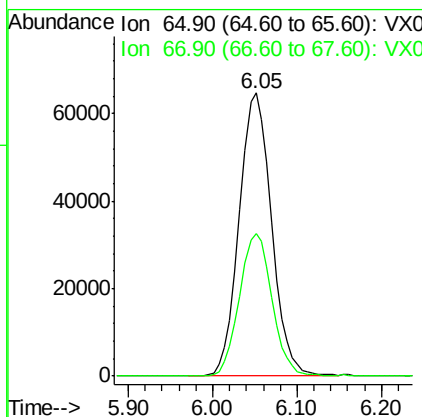
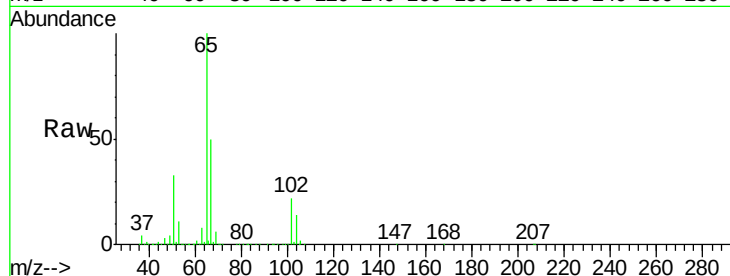




#33
 1,2-Dichloroethane-d4
 Concen: 41.976 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012003.D
 Acq: 01 Sep 2019 20:19

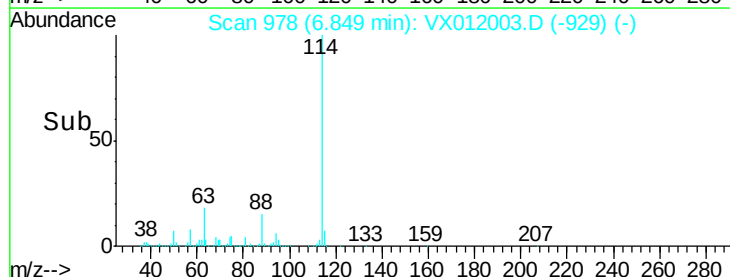
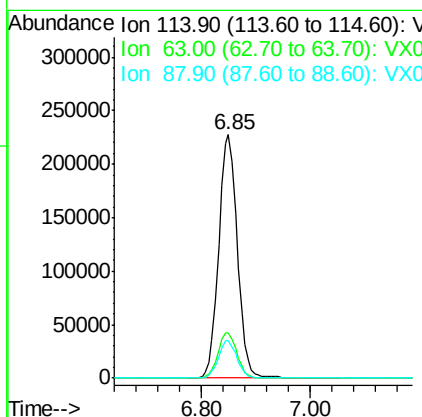
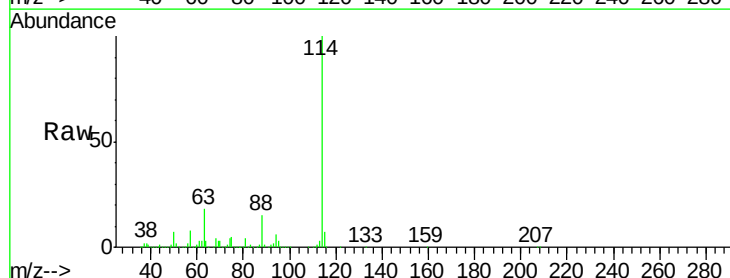
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T3-(1.9)

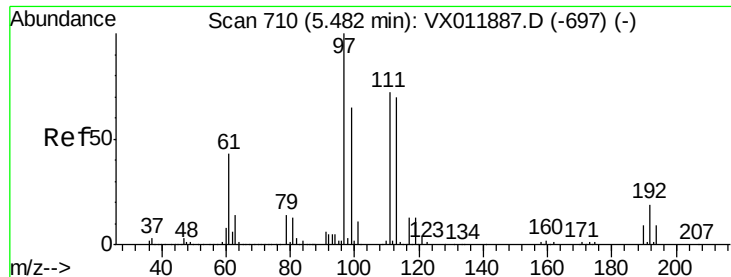
Tot Ion: 65 Resp: 168763
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012003.D
 Acq: 01 Sep 2019 20:19

Tgt Ion: 114 Resp: 541568
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 15.2 0.0 31.2

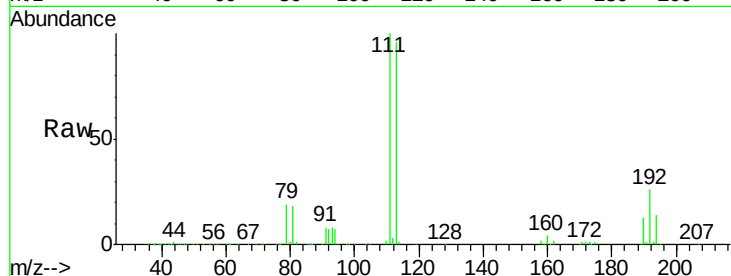




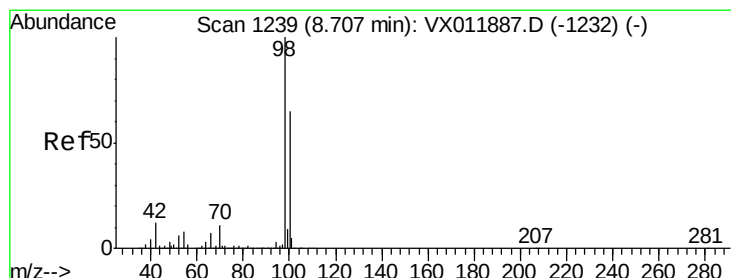
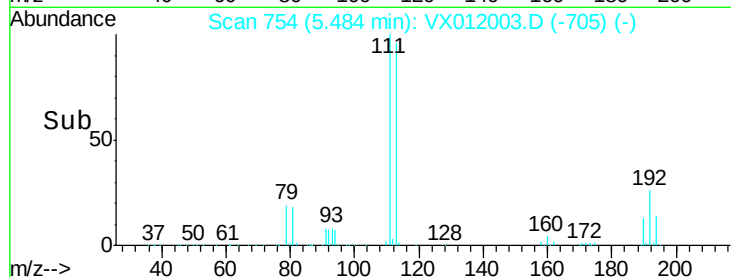
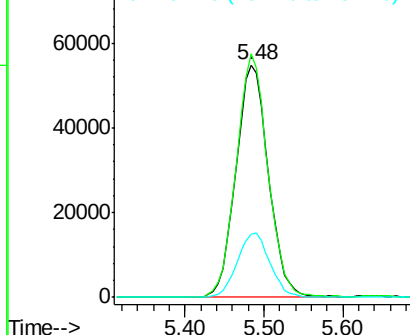
#35
Dibromofluoromethane
Concen: 45.234 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012003.D
Acq: 01 Sep 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(1.9)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	28.1	21.5	32.3

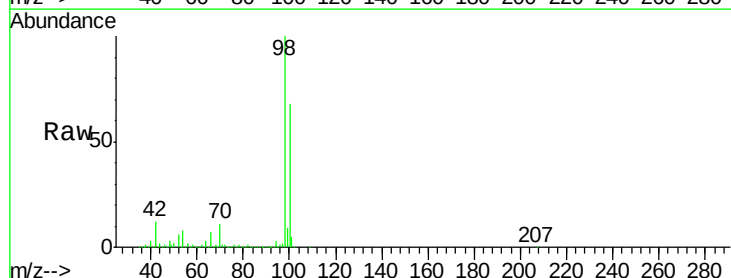


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

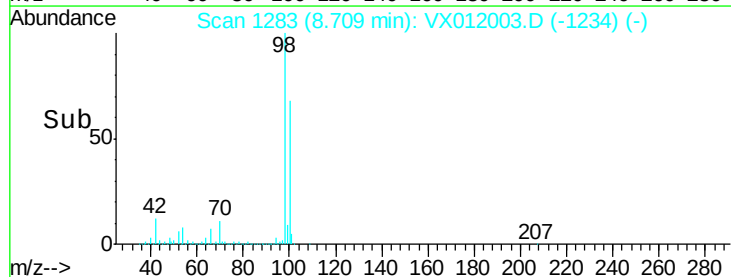
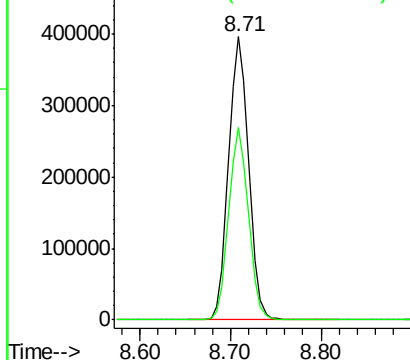


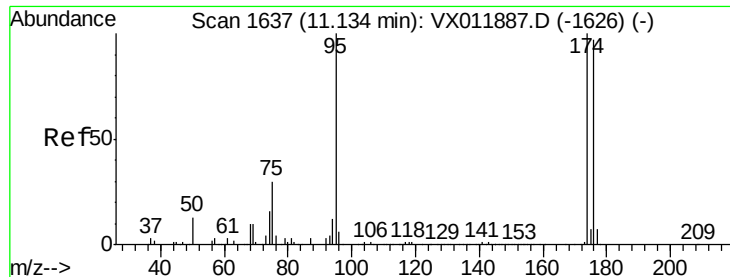
#50
Toluene-d8
Concen: 49.049 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012003.D
Acq: 01 Sep 2019 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

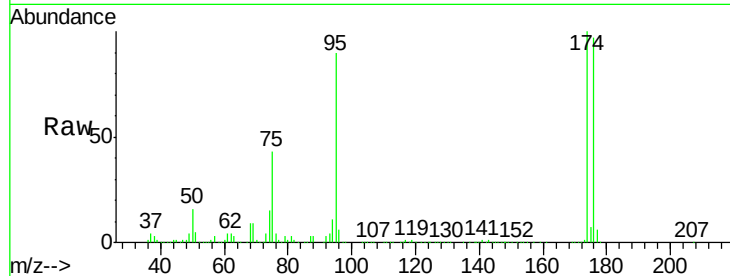




#62
4-Bromofluorobenzene
Concen: 39.475 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012003.D
Acq: 01 Sep 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(1.9)

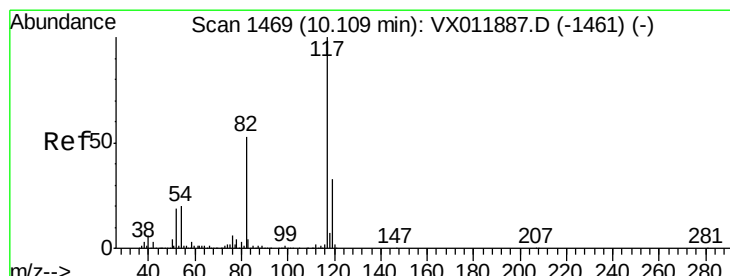
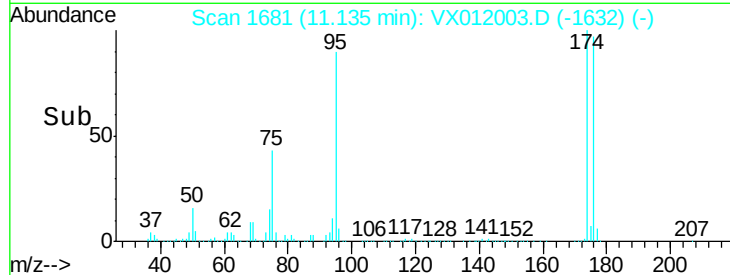
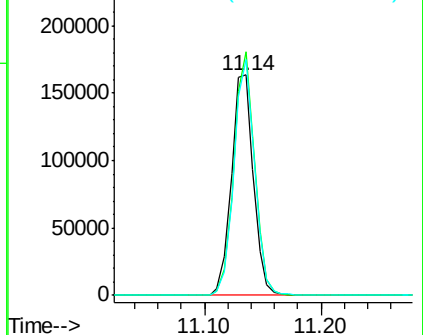
Tot Ion	Ratio	Lower	Upper
95	100		
174	104.2	0.0	196.0
176	101.1	0.0	191.4



Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

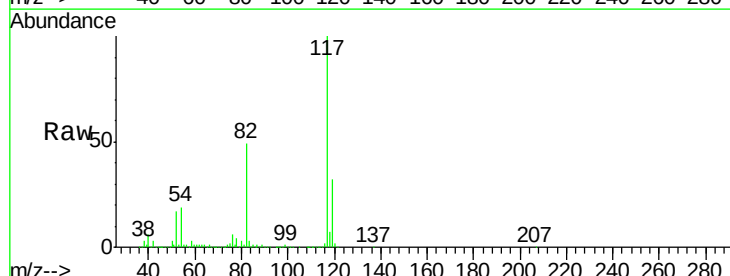
Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012003.D
Acq: 01 Sep 2019 20:19

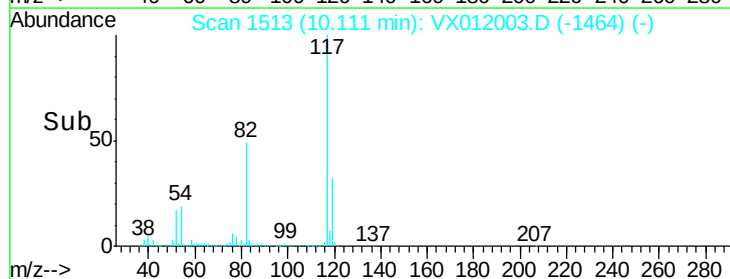
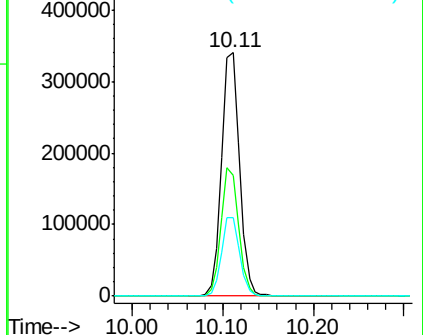
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.4	42.0	63.0
119	32.3	26.2	39.4

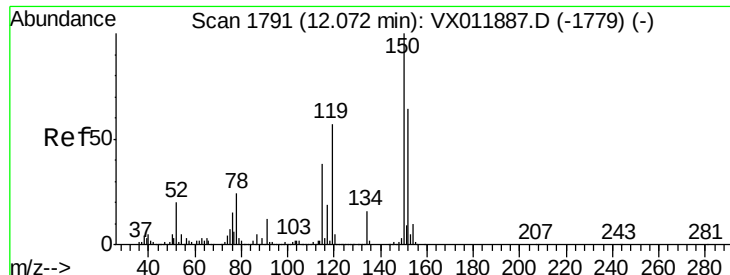


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012003.D

Acq: 01 Sep 2019 20:19

Instrument :

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ClientSampleId :

T9-12-13-T3-(1.9)

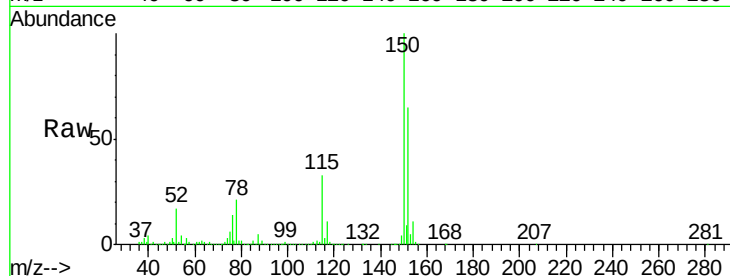
Tot Ion:152 Resp: 233502

Ion Ratio Lower Upper

152 100

115 52.7 37.1 111.3

150 154.0 0.0 339.6



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

