

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009144.D
 Acq On : 13 Mar 2019 08:56
 Operator : SY/VA
 Sample : K1697-03
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-031119-B

Quant Time: Mar 14 09:56:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

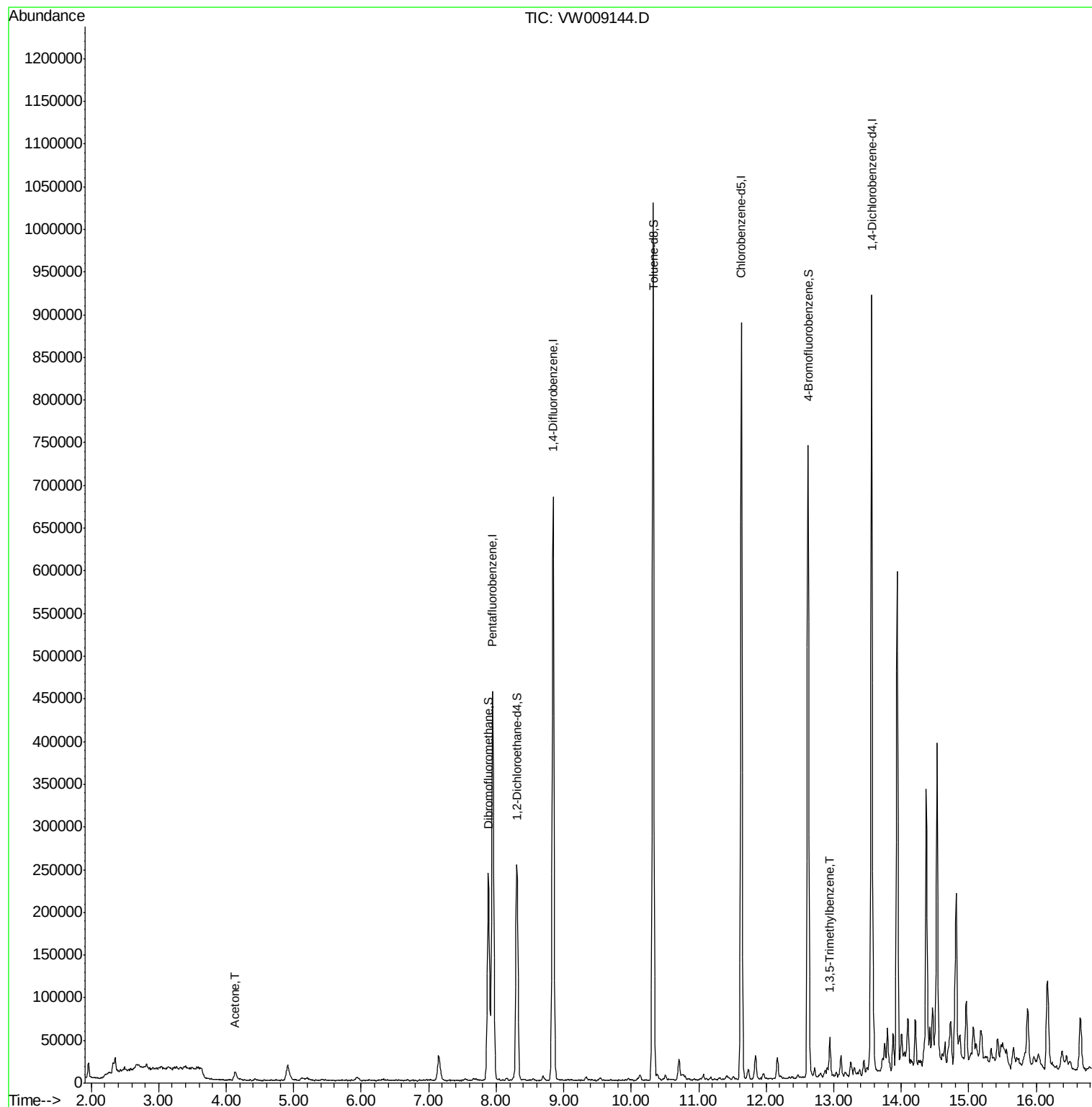
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	335166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	543510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	214165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	196733	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
35) Dibromofluoromethane	7.88	113	162297	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.32	98	650486	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.62	95	219464	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.96%	
Target Compounds						
16) Acetone	4.13	43	16508	21.694	ug/l	90
80) 1,3,5-Trimethylbenzene	12.94	105	17018	1.287	ug/l	99

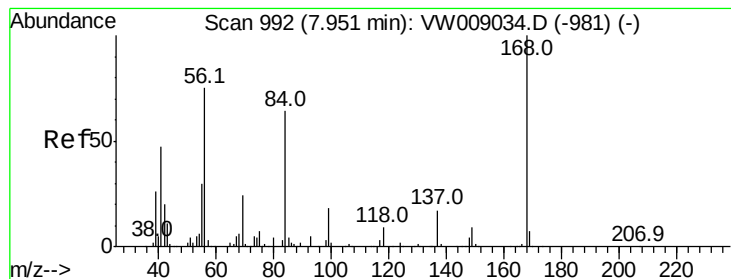
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009144.D

Acq: 13 Mar 2019 08:56

Instrument :

MSVOA_W

ClientSampleId :

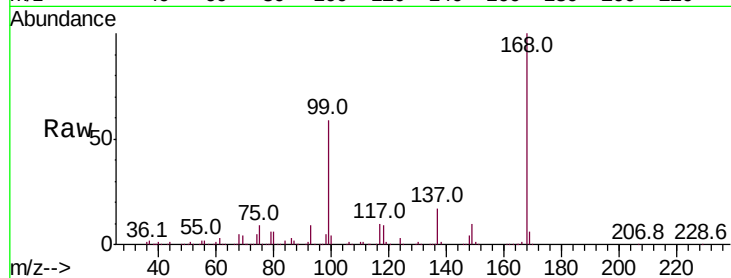
SU-03-031119-B

Tot Ion:168 Resp: 335166

Ion Ratio Lower Upper

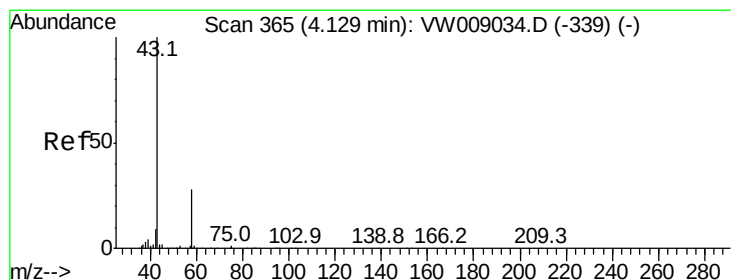
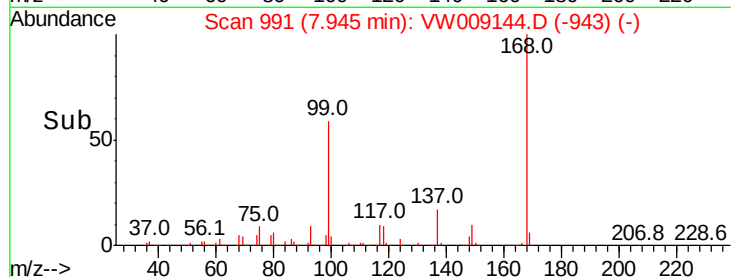
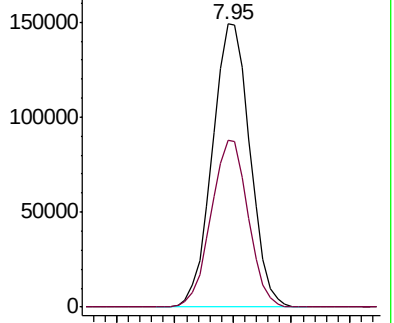
168 100

99 58.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 21.694 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009144.D

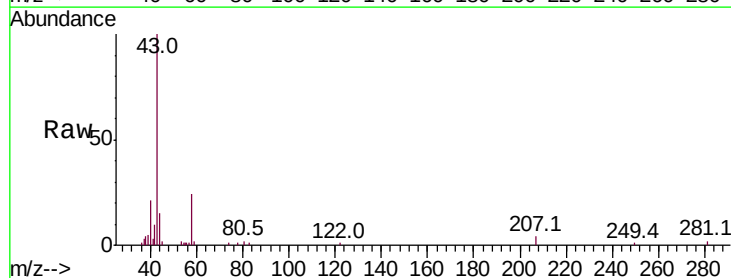
Acq: 13 Mar 2019 08:56

Tgt Ion: 43 Resp: 16508

Ion Ratio Lower Upper

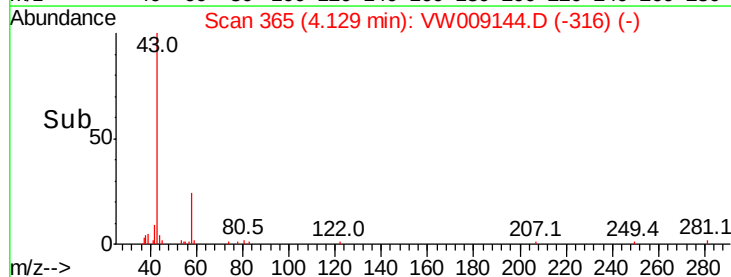
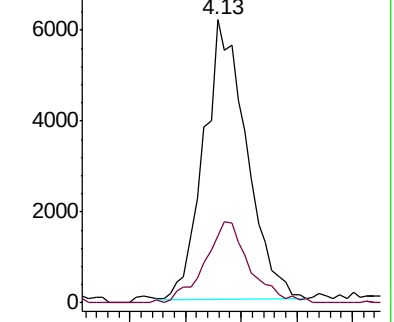
43 100

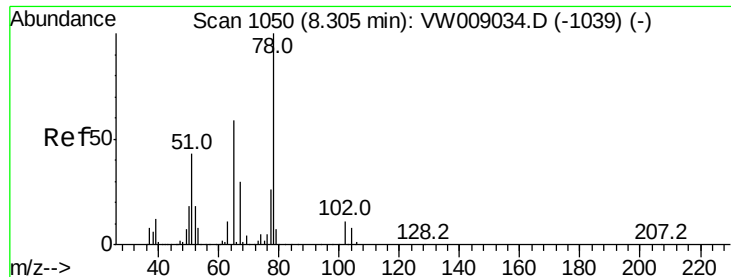
58 22.9 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

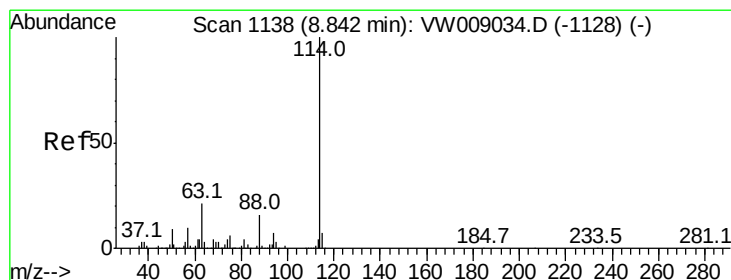
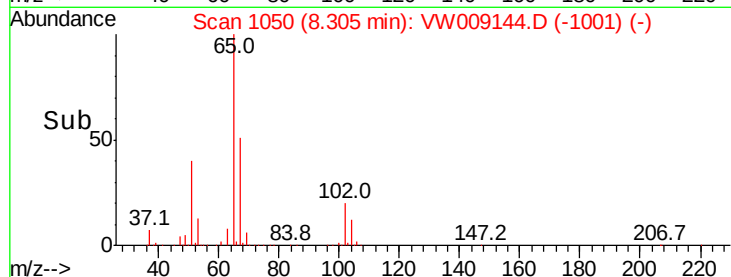
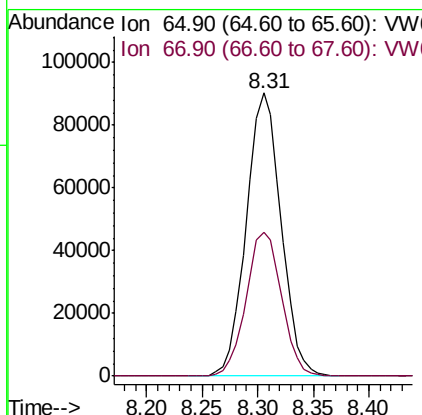
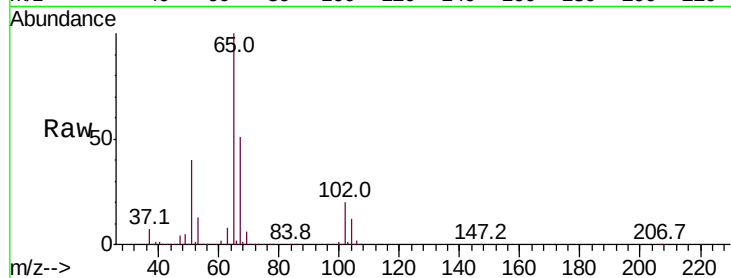




#33
 1,2-Dichloroethane-d4
 Concen: 58.341 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009144.D
 Acq: 13 Mar 2019 08:56

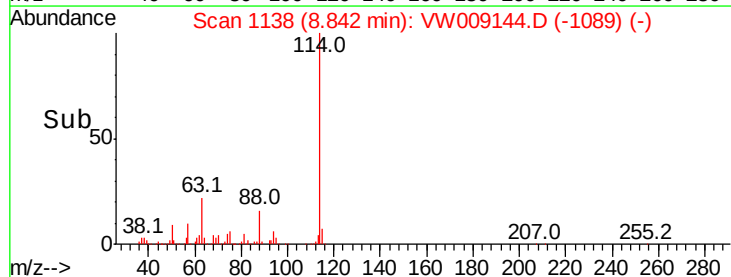
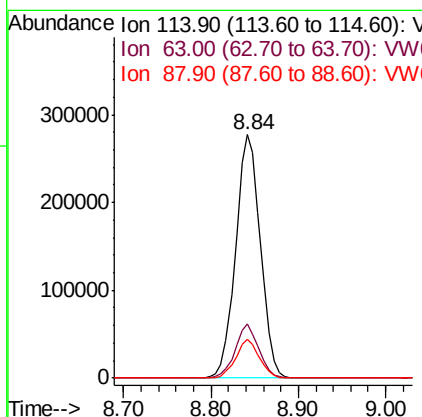
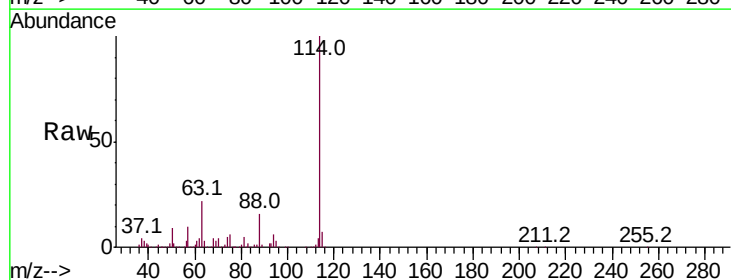
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-031119-B

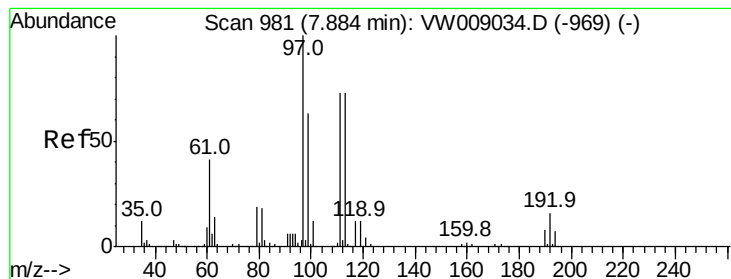
Tot Ion: 65 Resp: 196733
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009144.D
 Acq: 13 Mar 2019 08:56

Tgt Ion: 114 Resp: 543510
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.2
 88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.595 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009144.D

Acq: 13 Mar 2019 08:56

Instrument :

MSVOA_W

ClientSampleId :

SU-03-031119-B

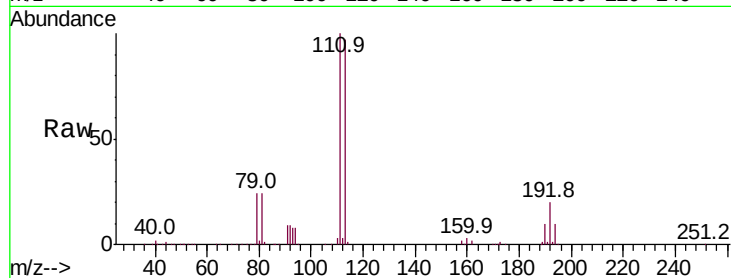
Tot Ion:113 Resp: 162297

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

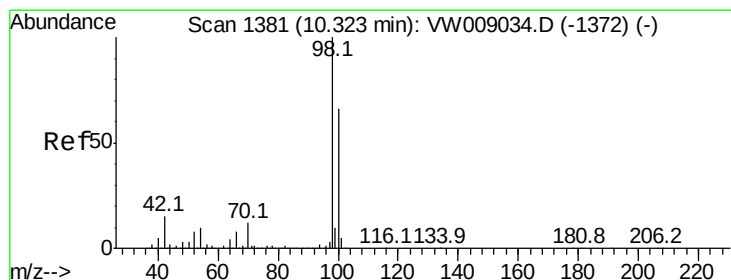
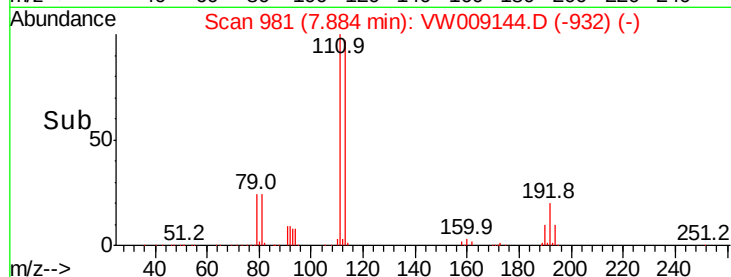
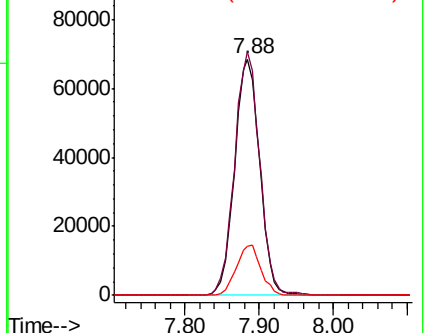
192 20.9 17.1 25.7



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: 48.398 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009144.D

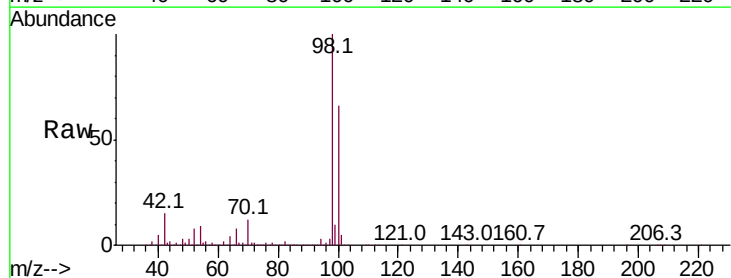
Acq: 13 Mar 2019 08:56

Tgt Ion: 98 Resp: 650486

Ion Ratio Lower Upper

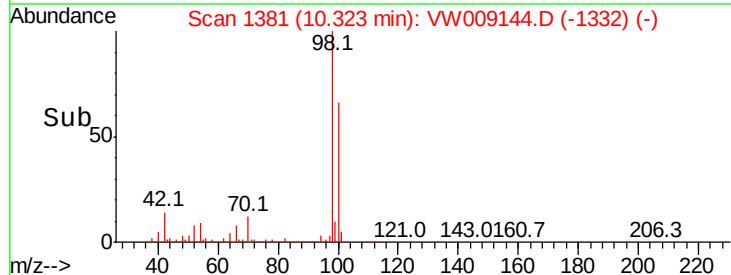
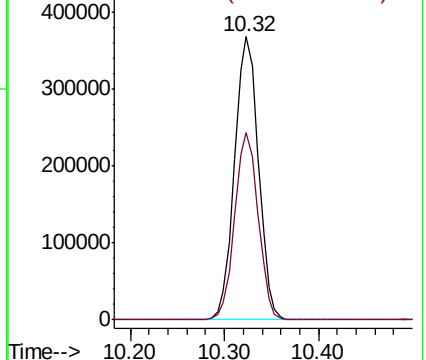
98 100

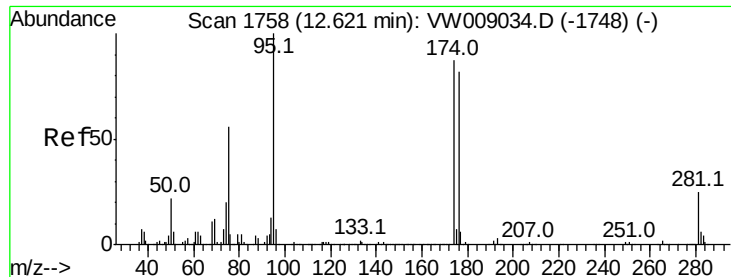
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

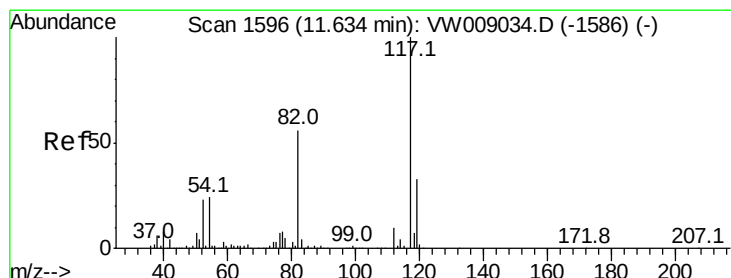
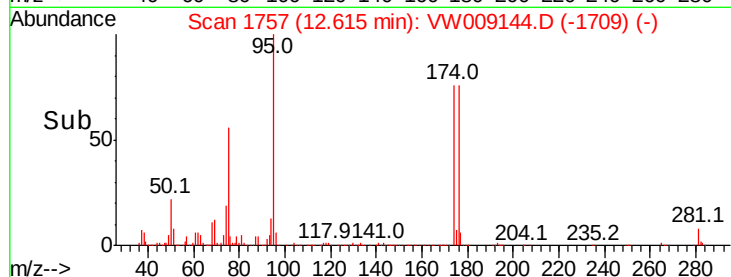
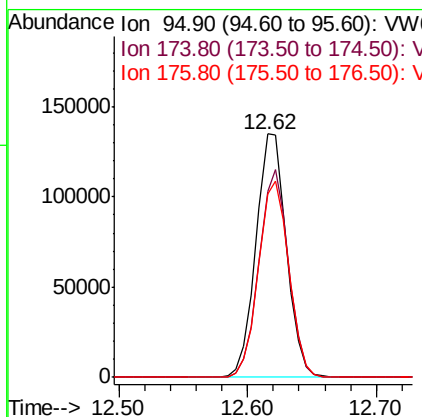
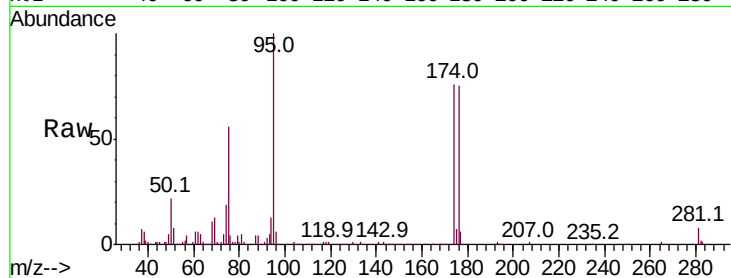




#62
4-Bromofluorobenzene
Concen: 41.479 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009144.D
Acq: 13 Mar 2019 08:56

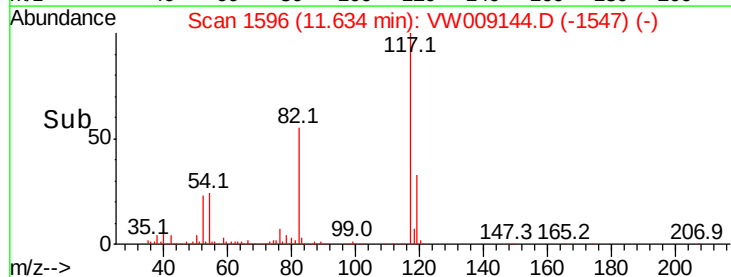
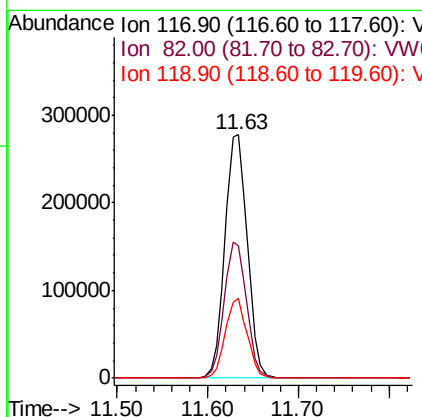
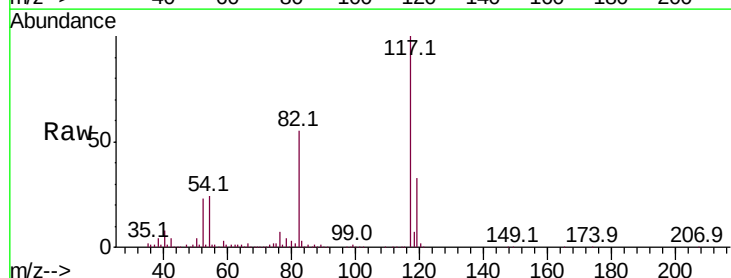
Instrument :
MSVOA_W
ClientSampleId :
SU-03-031119-B

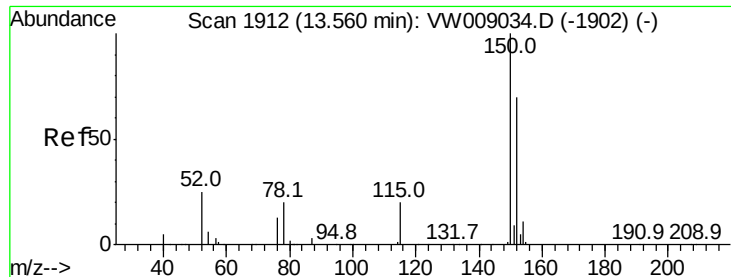
Tot Ion: 95 Resp: 219464
Ion Ratio Lower Upper
95 100
174 82.9 0.0 167.0
176 80.7 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009144.D
Acq: 13 Mar 2019 08:56

Tgt Ion: 117 Resp: 477699
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 32.8 26.6 39.8

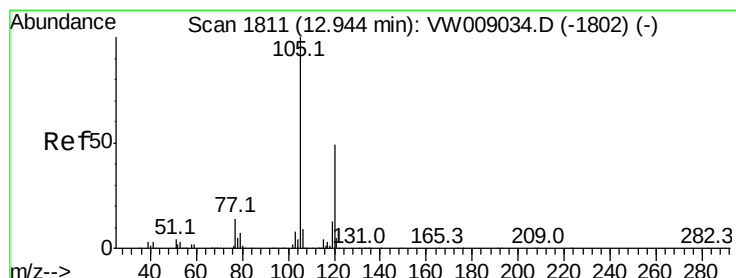
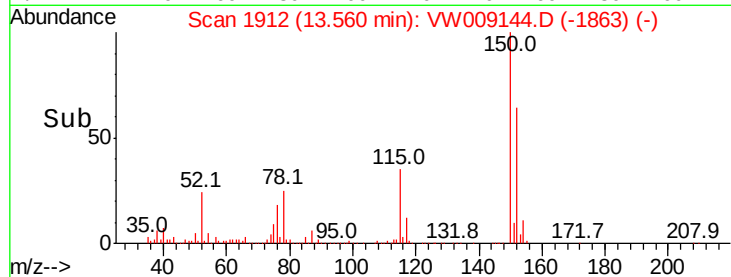
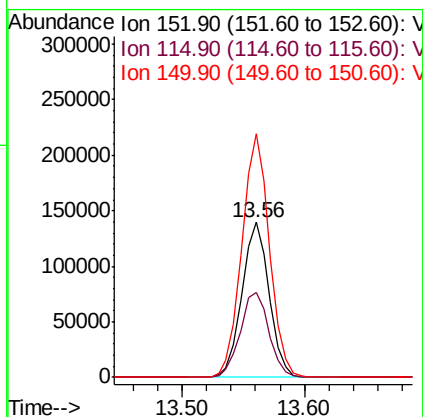
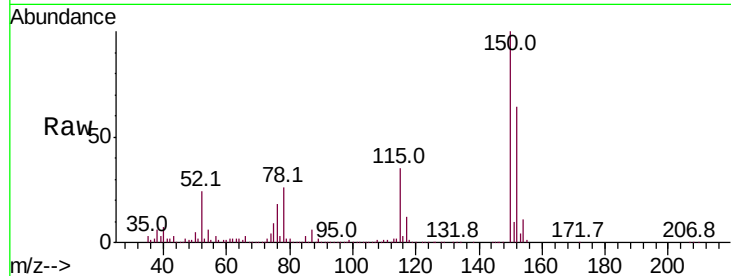




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW009144.D
 Acq: 13 Mar 2019 08:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-031119-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	159.5	0.0	349.2



#80
 1,3,5-Trimethylbenzene
 Concen: 1.287 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW009144.D
 Acq: 13 Mar 2019 08:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.4	73.2

