

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
 Data File : VU033967.D
 Acq On : 26 Aug 2019 23:24
 Operator : JC/SP
 Sample : K4515-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EB-1-082319

Quant Time: Sep 05 08:45:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 27 06:58:46 2019
 Response via : Initial Calibration

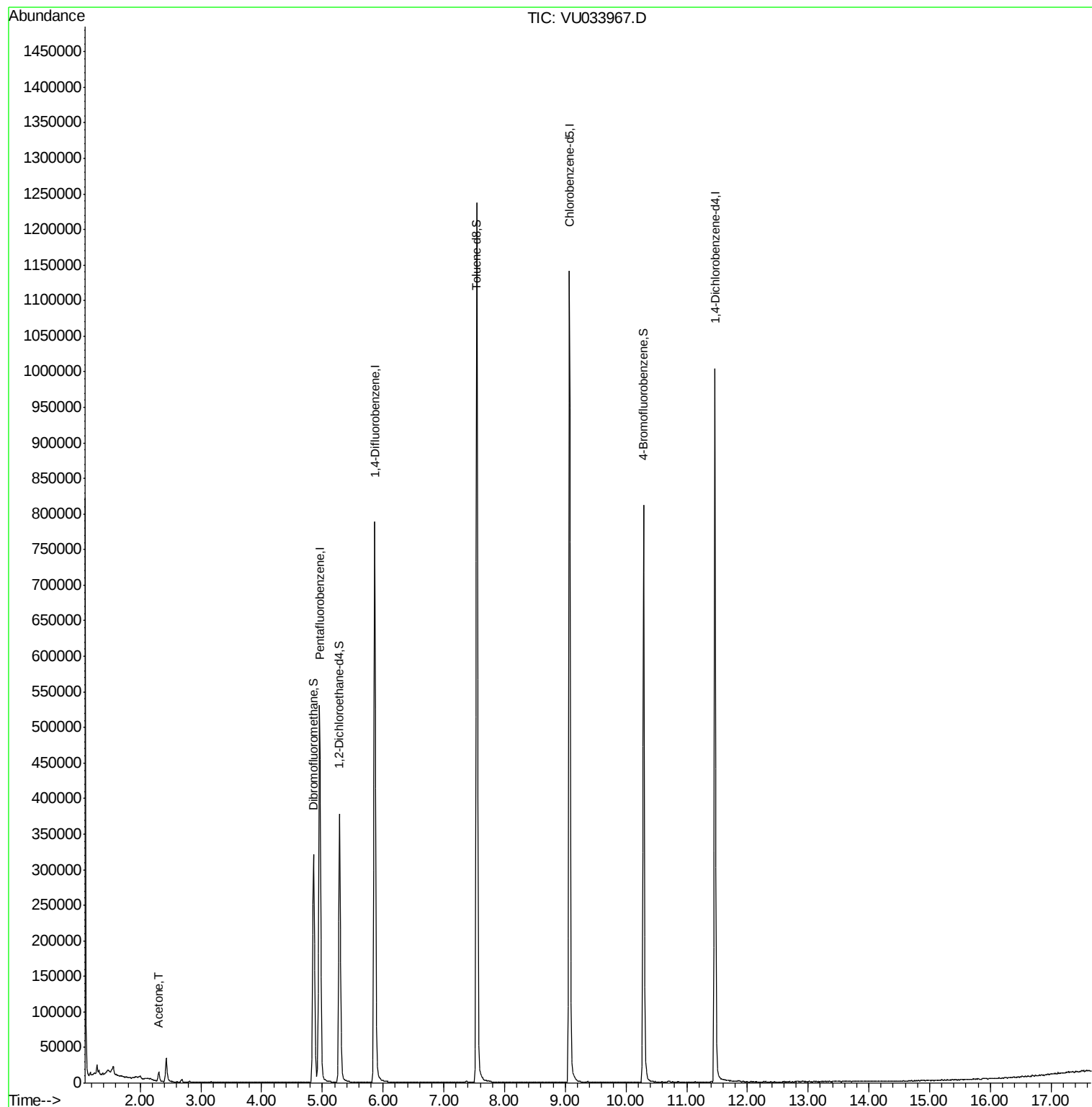
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	402567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	655226	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	638480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	267804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	294984	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	4.86	113	224170	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	7.54	98	822328	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	10.29	95	276796	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	
Target Compounds						
16) Acetone	2.31	43	13736	3.989	ug/l	Qvalue 99

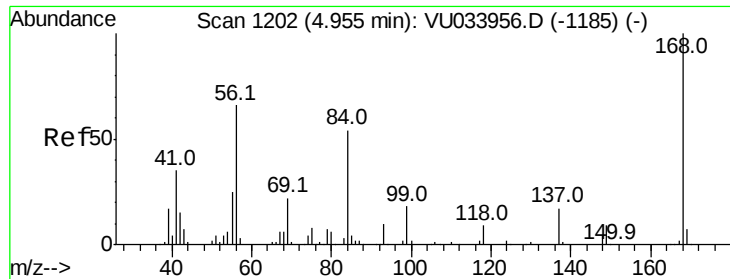
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU033967.D

Acq: 26 Aug 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

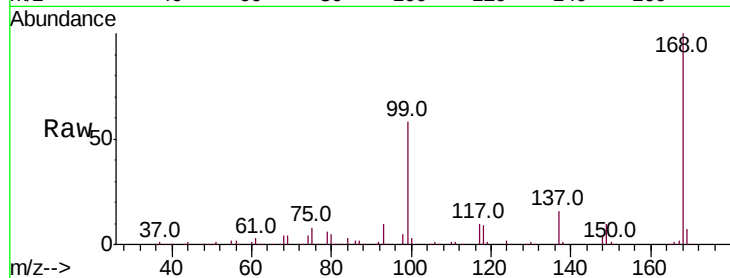
EB-1-082319

Tot Ion:168 Resp: 402567

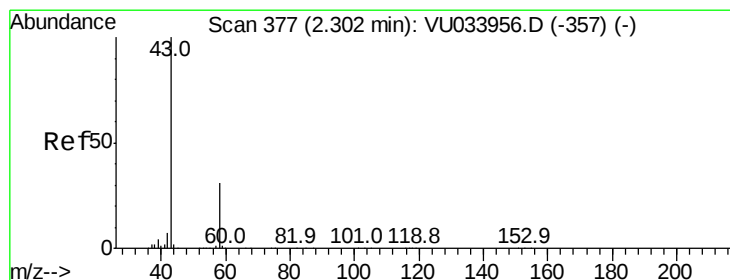
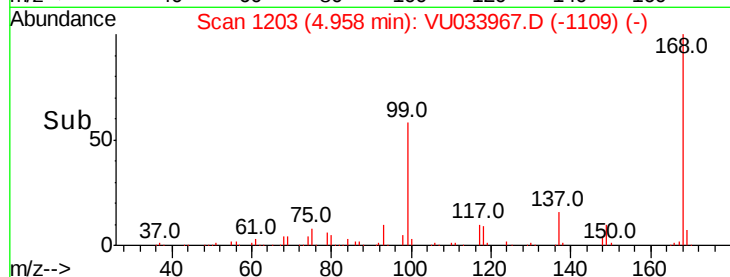
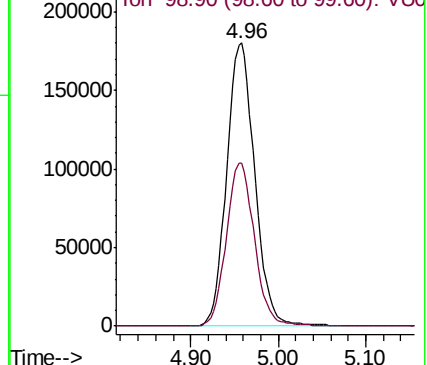
Ion Ratio Lower Upper

168 100

99 57.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)



#16

Acetone

Concen: 3.989 ug/l

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033967.D

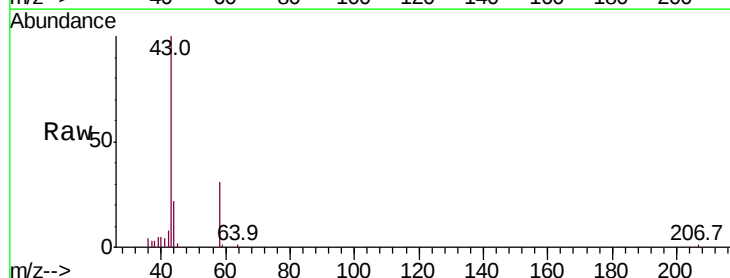
Acq: 26 Aug 2019 23:24

Tgt Ion: 43 Resp: 13736

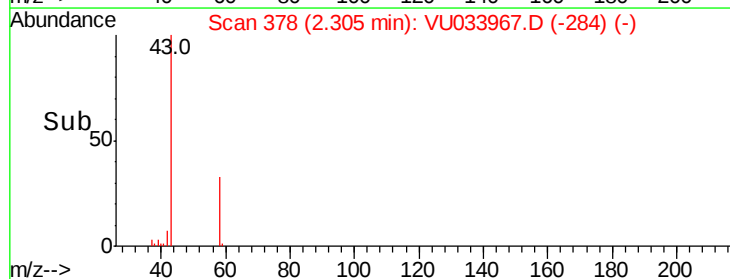
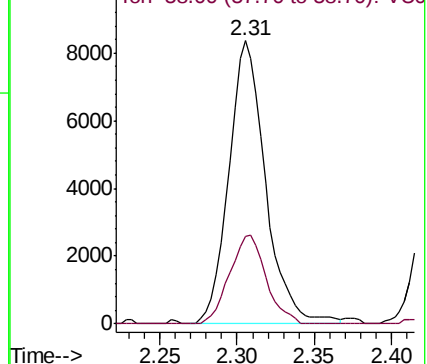
Ion Ratio Lower Upper

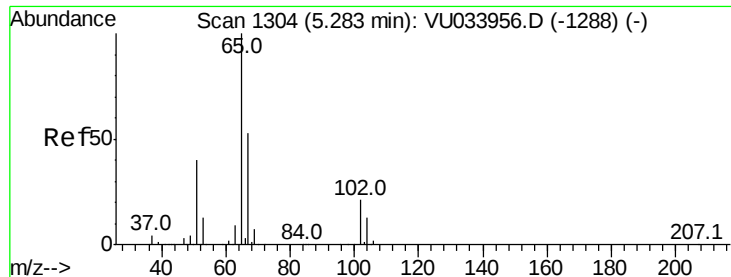
43 100

58 31.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-357) (-)

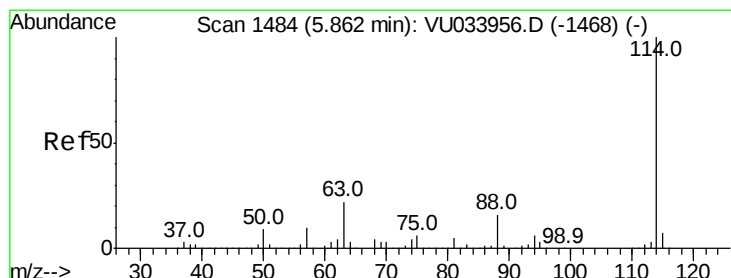
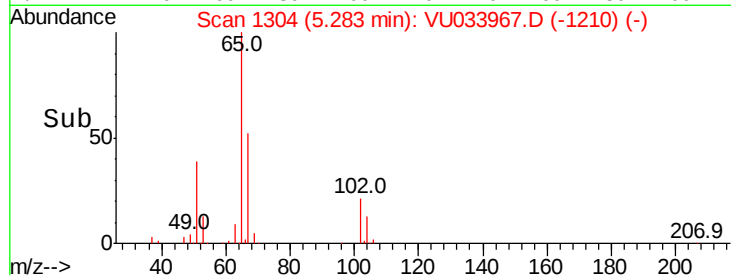
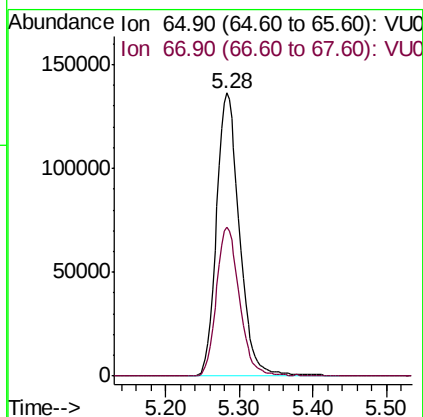
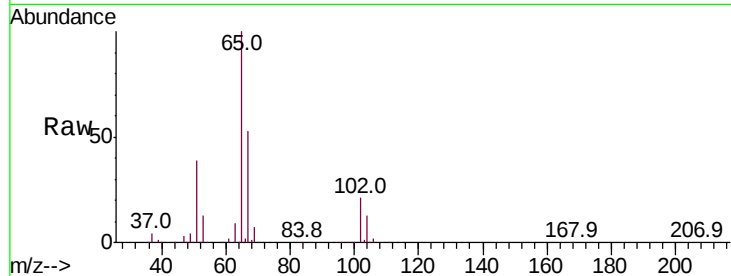




#33
 1,2-Dichloroethane-d4
 Concen: 50.990 ug/l
 RT: 5.28 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: VU033967.D
 Acq: 26 Aug 2019 23:24

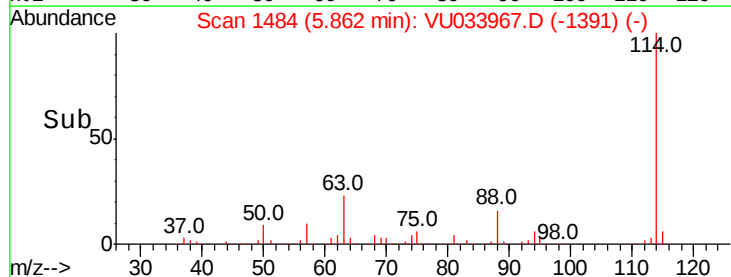
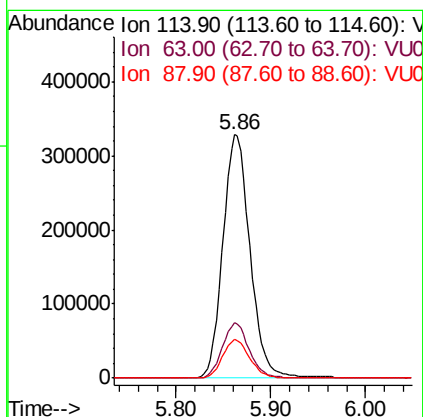
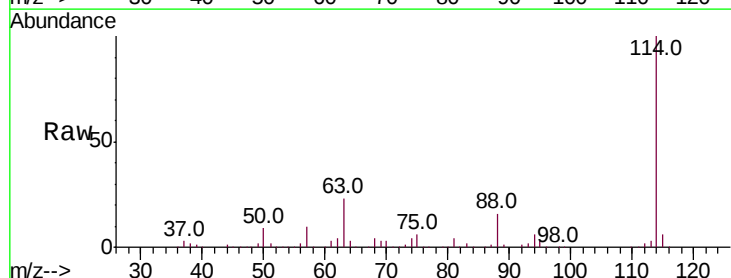
Instrument :
 MSVOA_U
 ClientSampleId :
 EB-1-082319

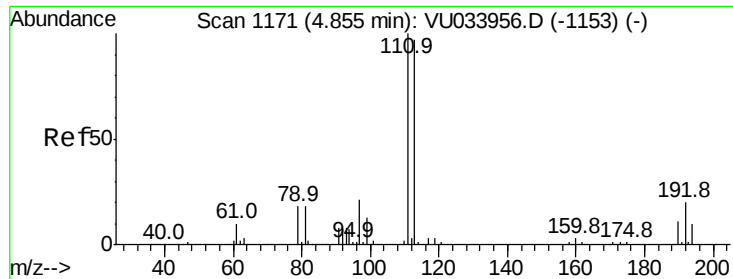
Tot Ion: 65 Resp: 294984
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VU033967.D
 Acq: 26 Aug 2019 23:24

Tgt Ion: 114 Resp: 655226
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.2
 88 15.7 0.0 32.0

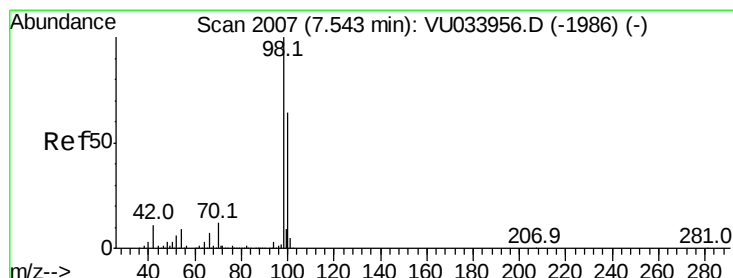
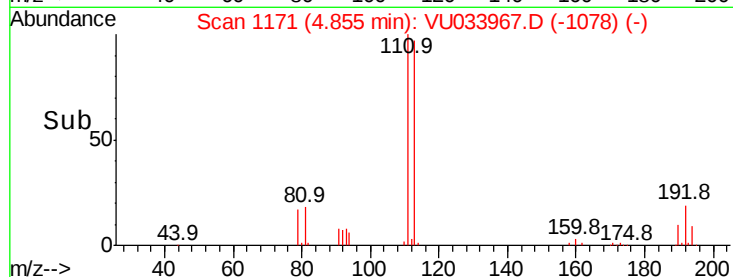
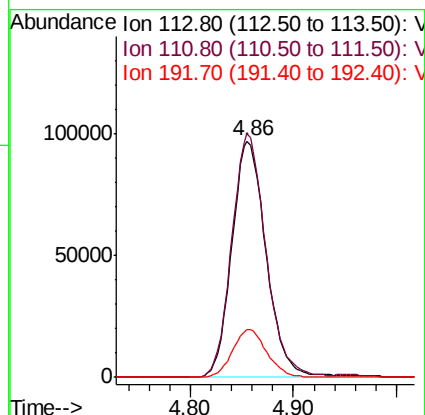
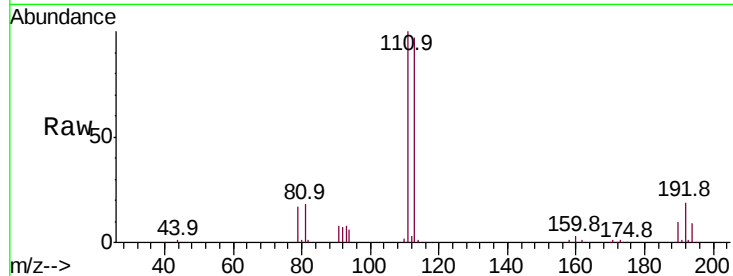




#35
 Dibromofluoromethane
 Concen: 49.185 ug/l
 RT: 4.86 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: VU033967.D
 Acq: 26 Aug 2019 23:24

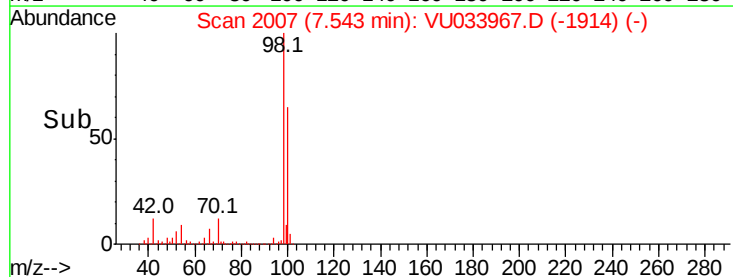
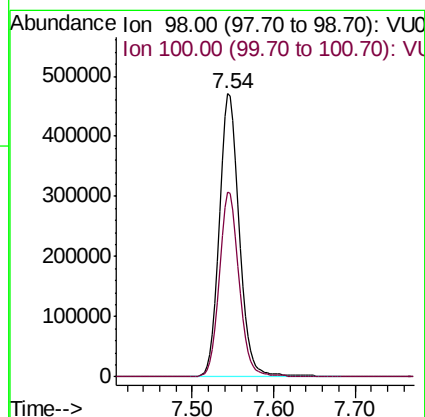
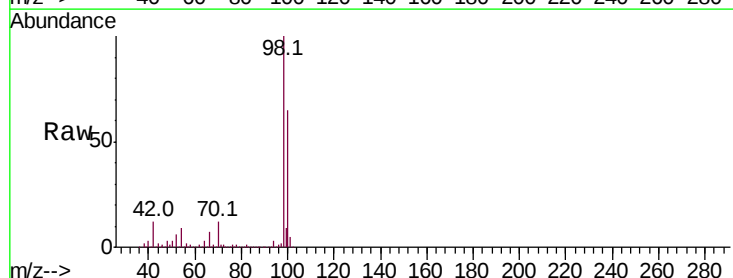
Instrument :
 MSVOA_U
 ClientSampleId :
 EB-1-082319

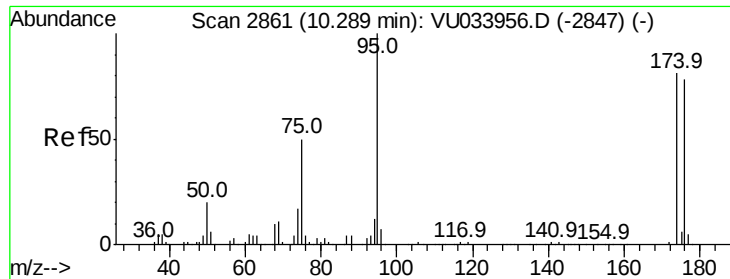
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	20.3	16.2	24.4



#50
 Toluene-d8
 Concen: 48.777 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: VU033967.D
 Acq: 26 Aug 2019 23:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6

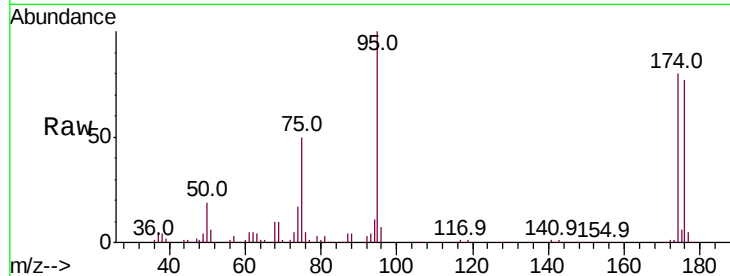




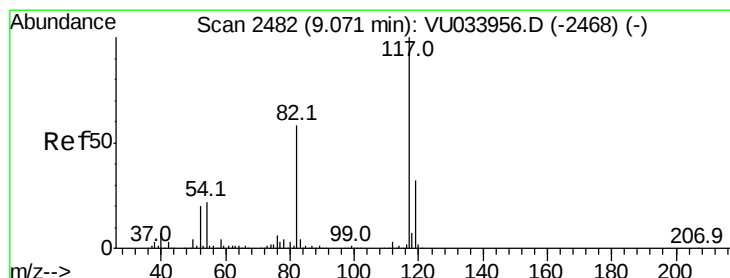
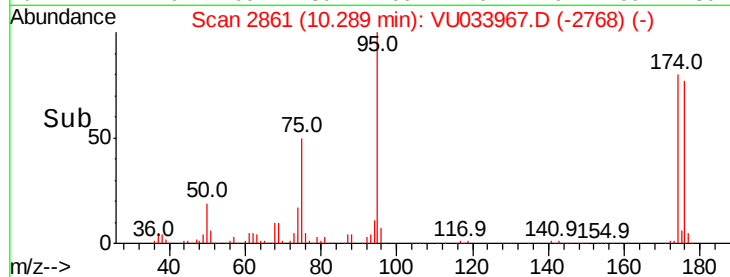
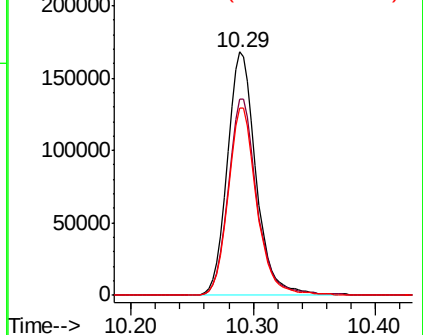
#62
4-Bromofluorobenzene
Concen: 42.591 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU033967.D
Acq: 26 Aug 2019 23:24

Instrument :
MSVOA_U
ClientSampleId :
EB-1-082319

Tot Ion: 95 Resp: 276796
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.4
176 77.0 0.0 154.2

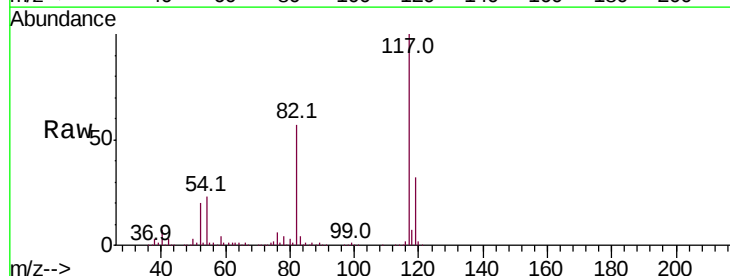


Abundance Ion 94.90 (94.60 to 95.60): VU
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

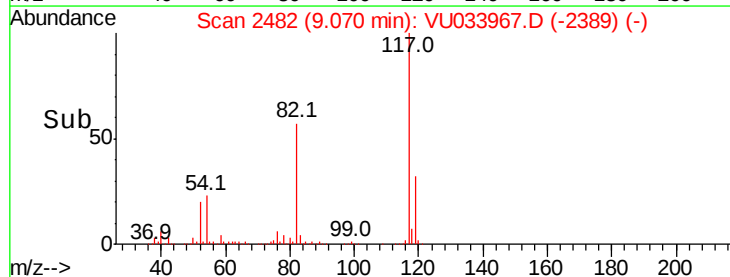
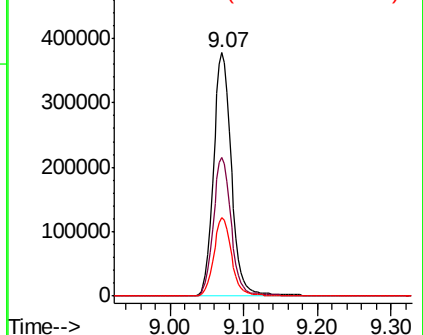


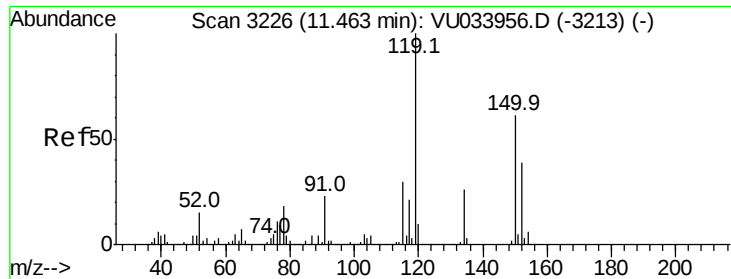
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033967.D
Acq: 26 Aug 2019 23:24

Tgt Ion: 117 Resp: 638480
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU033967.D

Acq: 26 Aug 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

EB-1-082319

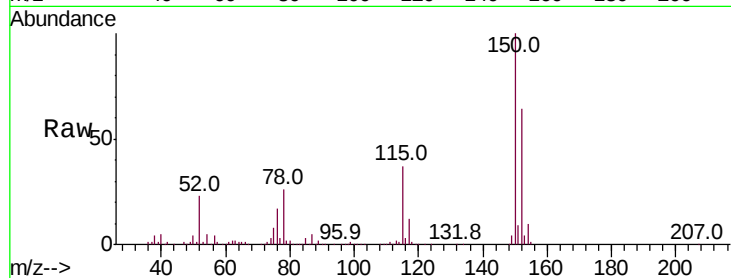
Tot Ion:152 Resp: 267804

Ion Ratio Lower Upper

152 100

115 57.0 40.3 120.9

150 155.2 0.0 346.0



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

