

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033981.D
 Acq On : 27 Aug 2019 18:41
 Operator : JC/SP
 Sample : K4566-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB-082719

Quant Time: Aug 28 08:41:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

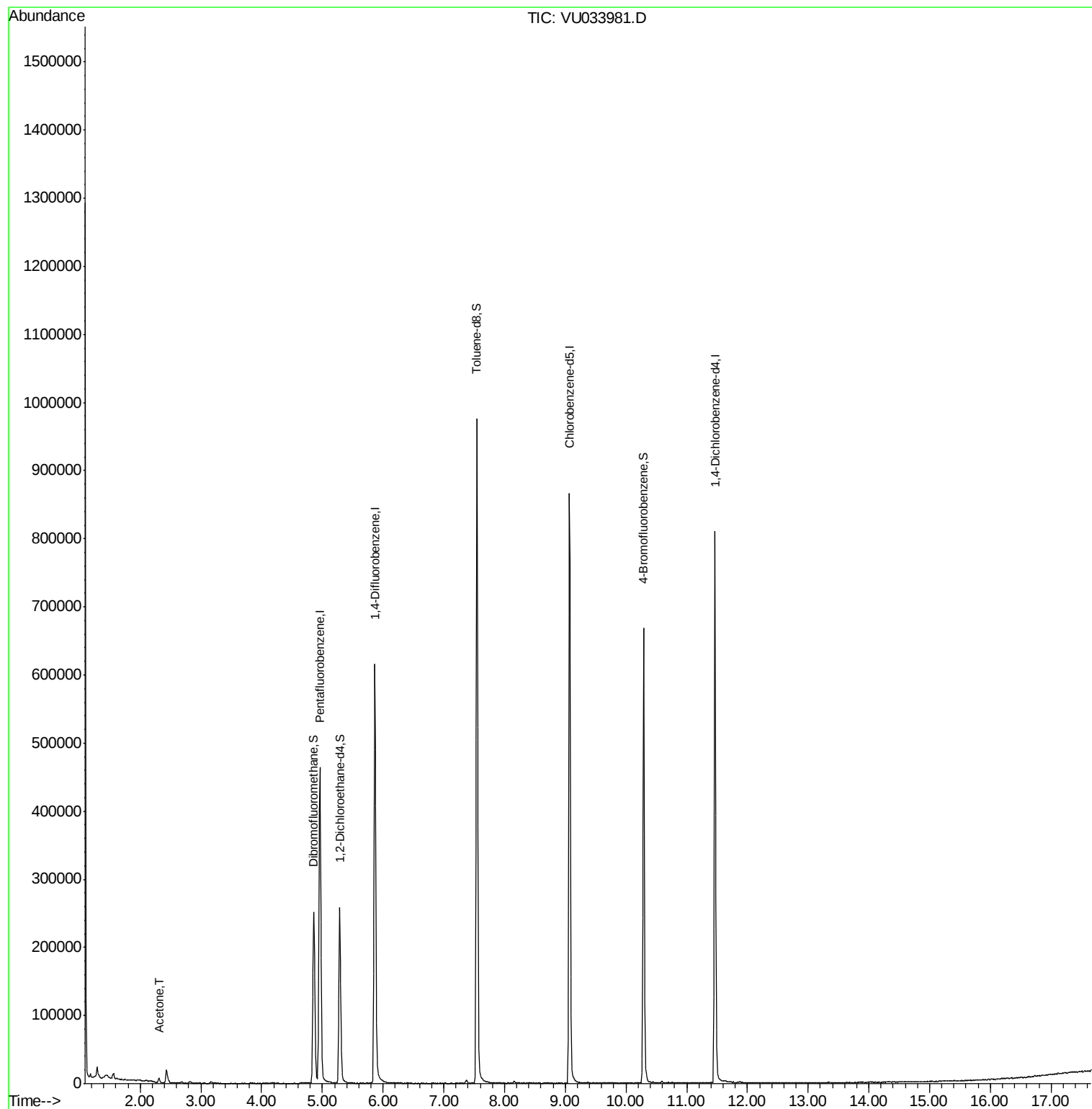
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	389587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	556232	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	520159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	232797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	202898	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	4.86	113	180298	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	7.55	98	683346	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	10.29	95	227312	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
16) Acetone	2.31	43	7745	3.738	ug/l	Qvalue 91

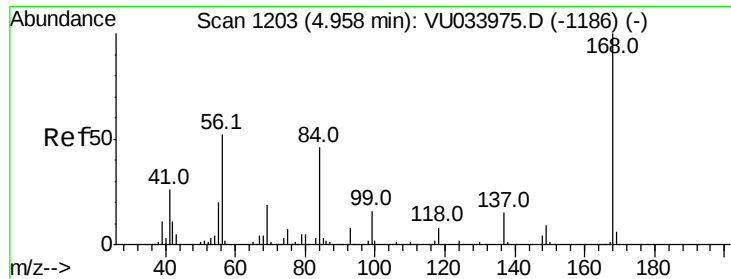
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU033981.D

Acq: 27 Aug 2019 18:41

Instrument :

MSVOA_U

ClientSampleId :

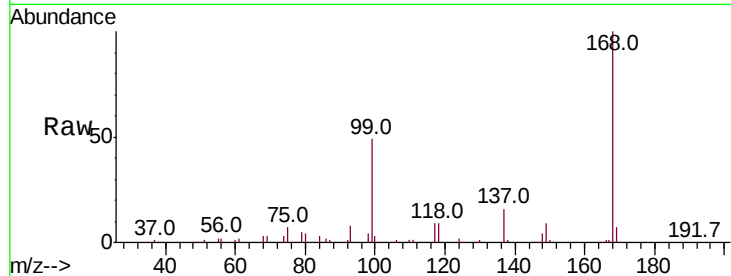
FB-082719

Tot Ion:168 Resp: 389587

Ion Ratio Lower Upper

168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

4.96

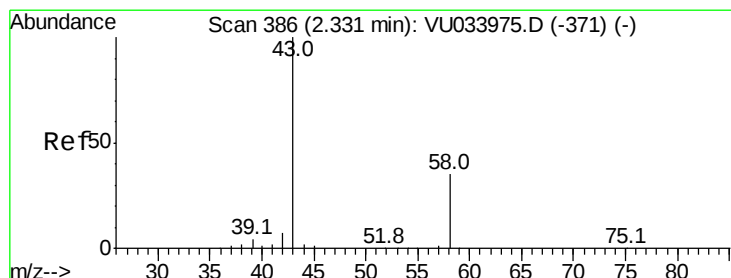
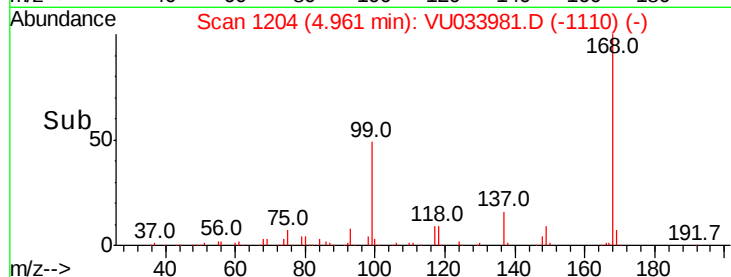
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.738 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033981.D

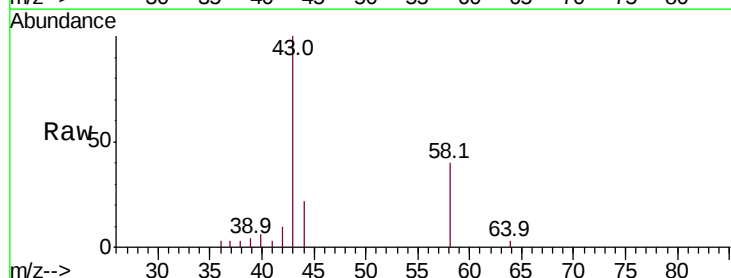
Acq: 27 Aug 2019 18:41

Tgt Ion: 43 Resp: 7745

Ion Ratio Lower Upper

43 100

58 40.0 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-371) (-)

2.31

5000

4000

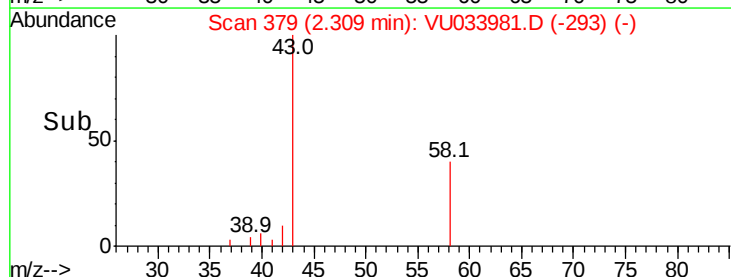
3000

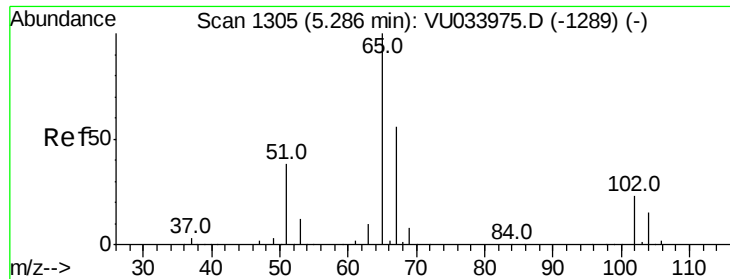
2000

1000

0

Time-->

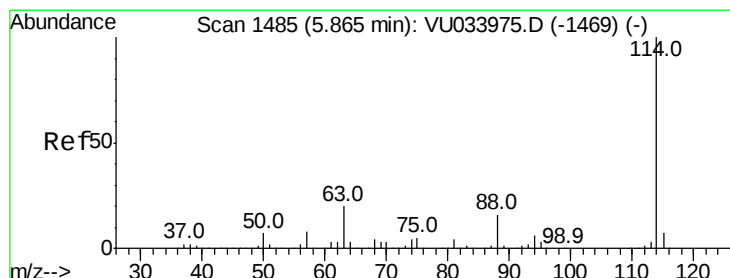
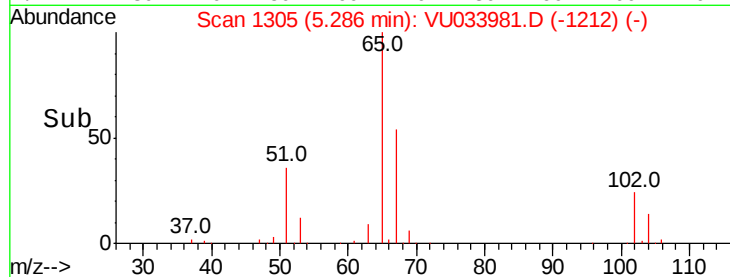
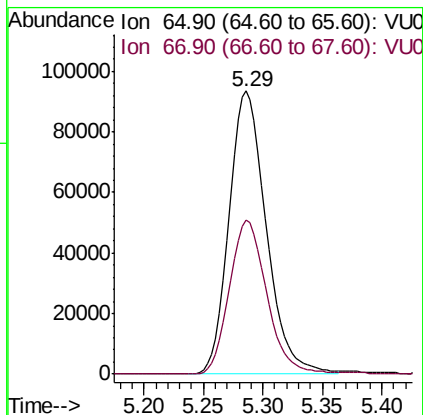
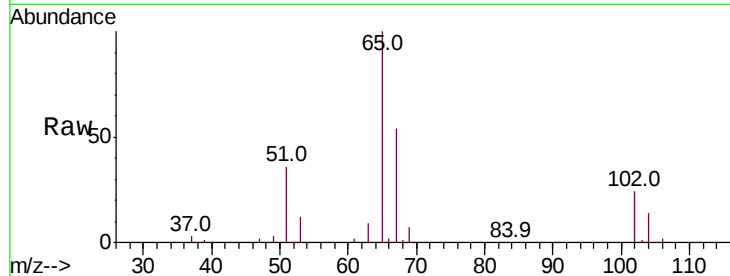




#33
 1,2-Dichloroethane-d4
 Concen: 46.879 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU033981.D
 Acq: 27 Aug 2019 18:41

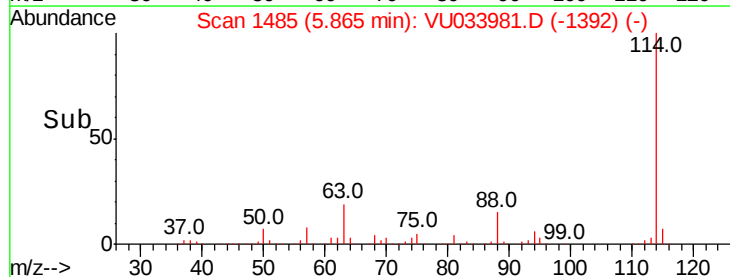
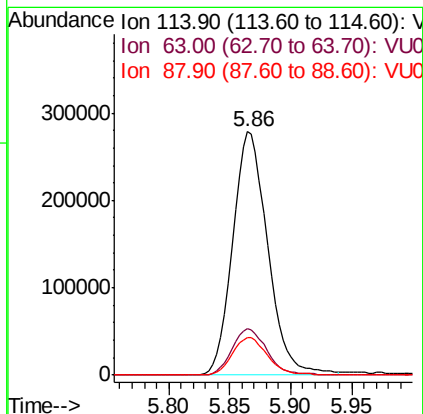
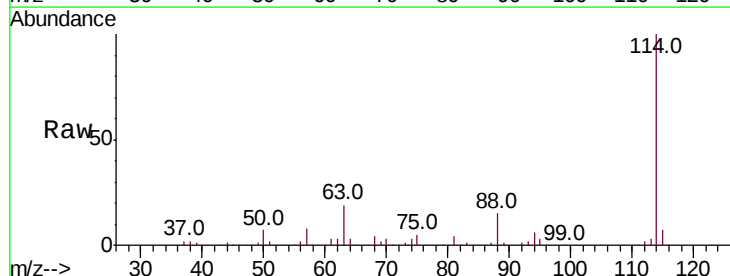
Instrument :
 MSVOA_U
 ClientSampleId :
 FB-082719

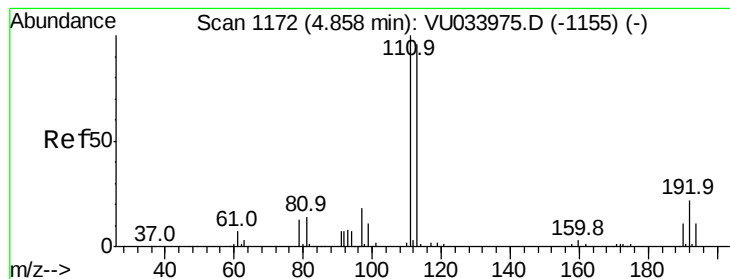
Tot Ion: 65 Resp: 202898
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU033981.D
 Acq: 27 Aug 2019 18:41

Tgt Ion: 114 Resp: 556232
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.221 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU033981.D

Acq: 27 Aug 2019 18:41

Instrument :

MSVOA_U

ClientSampleId :

FB-082719

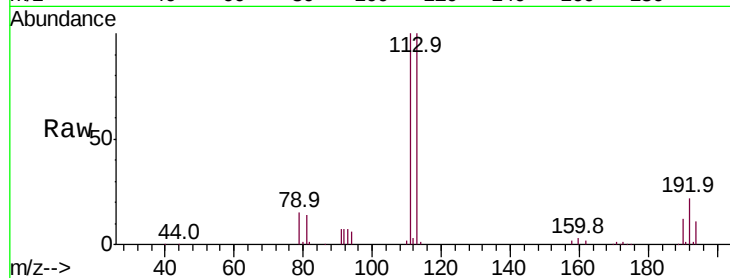
Tot Ion:113 Resp: 180298

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

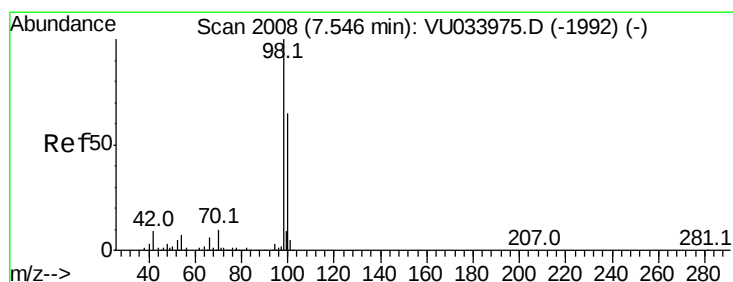
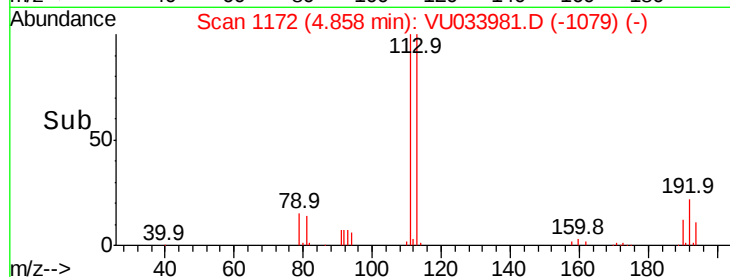
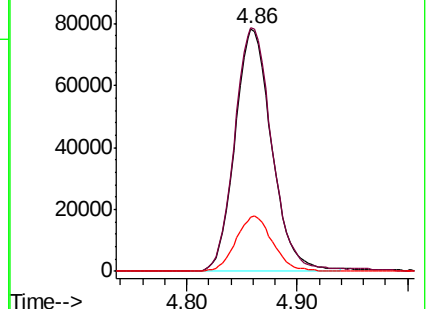
192 22.9 18.6 27.8



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: 49.550 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU033981.D

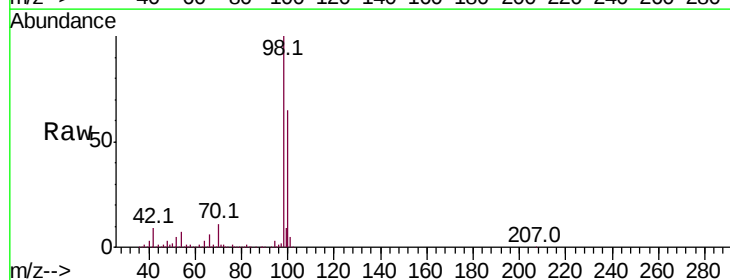
Acq: 27 Aug 2019 18:41

Tgt Ion: 98 Resp: 683346

Ion Ratio Lower Upper

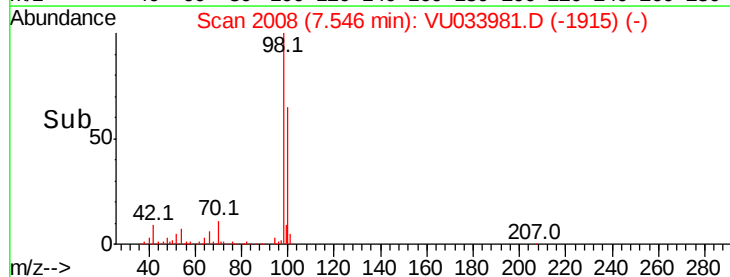
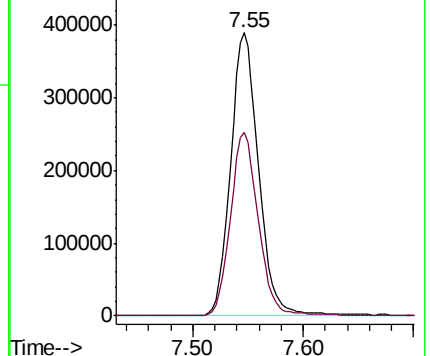
98 100

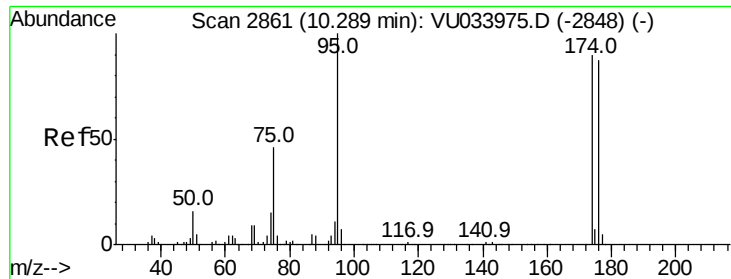
100 65.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 42.969 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

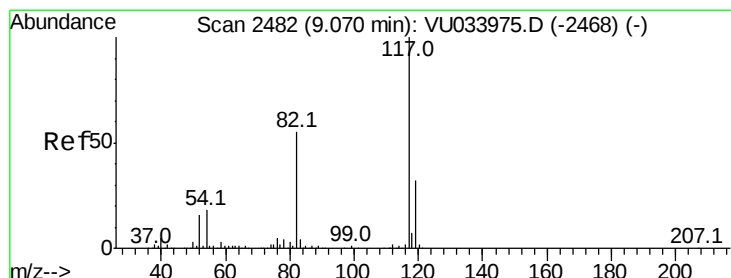
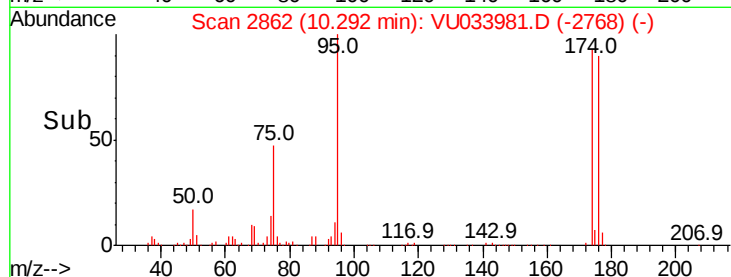
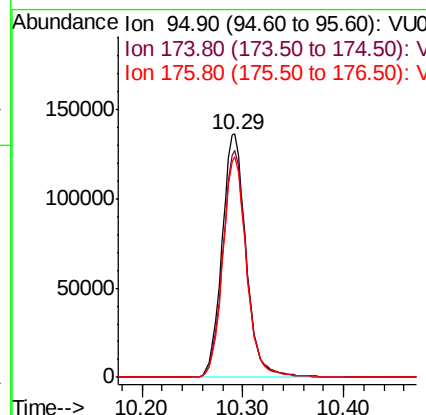
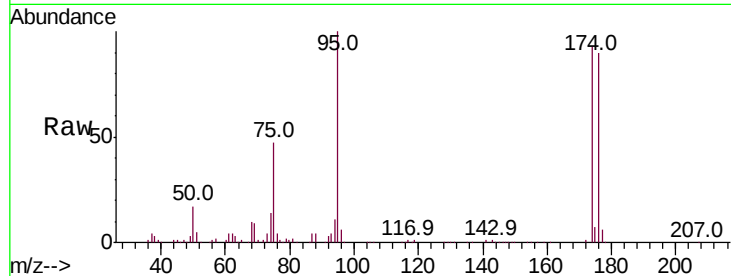
Lab File: VU033981.D

Acq: 27 Aug 2019 18:41

Instrument :
MSVOA_U
ClientSampleId :
FB-082719

Tot Ion: 95 Resp: 227312

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	183.8
176	89.1	0.0	176.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

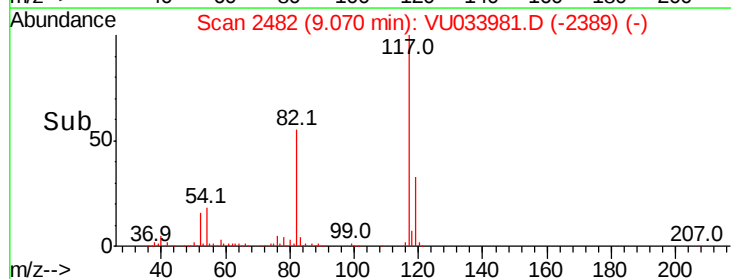
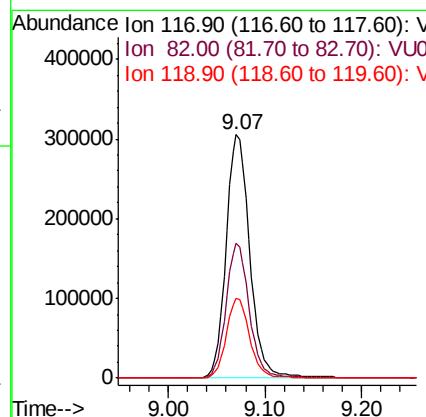
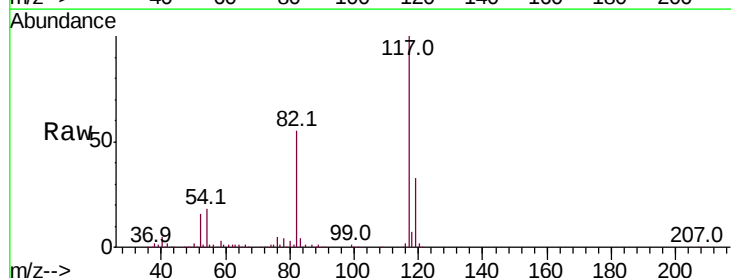
Delta R.T. 0.00 min

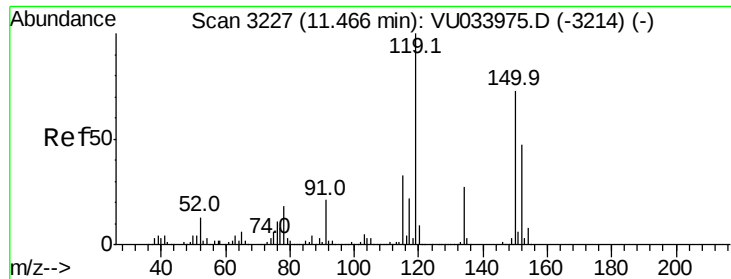
Lab File: VU033981.D

Acq: 27 Aug 2019 18:41

Tgt Ion: 117 Resp: 520159

Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	32.6	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU033981.D

Acq: 27 Aug 2019 18:41

Instrument :

MSVOA_U

ClientSampleId :

FB-082719

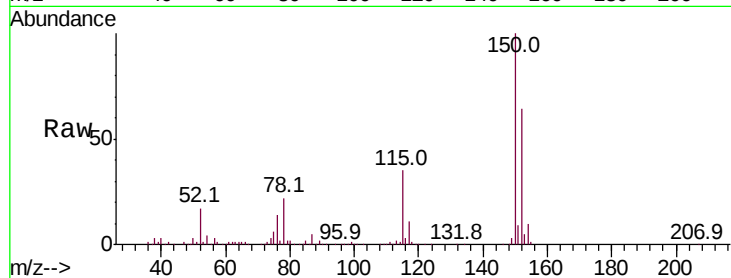
Tot Ion:152 Resp: 232797

Ion Ratio Lower Upper

152 100

115 55.6 38.6 115.7

150 158.8 0.0 343.8



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

