

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034227.D
 Acq On : 03 Sep 2019 15:25
 Operator : JC/SP
 Sample : K4545-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E4-(2.25)

Quant Time: Sep 04 05:38:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

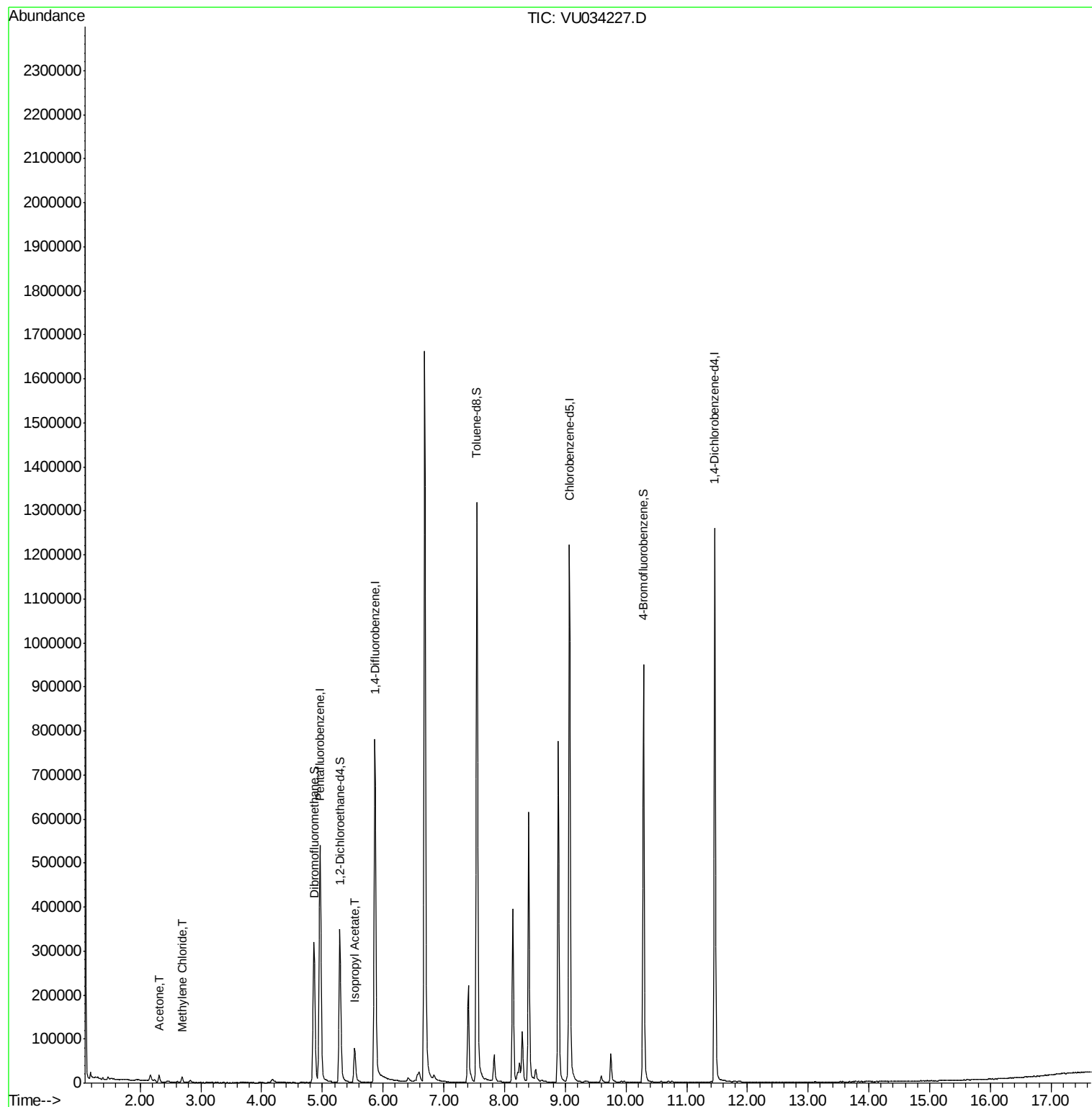
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	443534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	712949	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	710156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	347498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	274511	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	4.86	113	232422	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	7.55	98	931480	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	10.29	95	327727	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
16) Acetone	2.31	43	16893	5.826	ug/l	96
20) Methylene Chloride	2.69	84	5773	1.052	ug/l	96
43) Isopropyl Acetate	5.53	43	94295	8.208	ug/l	100

(#) = 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# 1205

Delta R.T. 0.01 min

Lab File: VU034227.D

Acq: 03 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

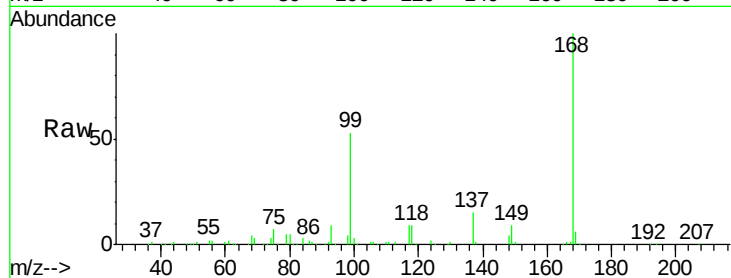
T16-17-E4-(2.25)

Tot Ion:168 Resp: 443534

Ion Ratio Lower Upper

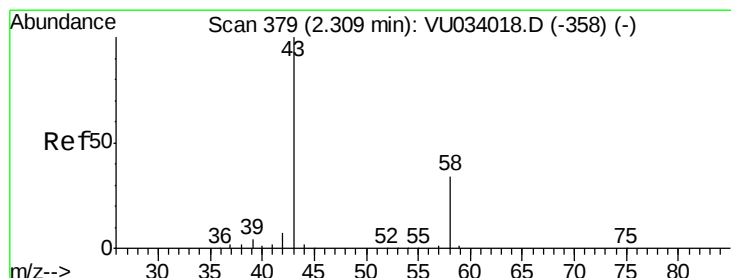
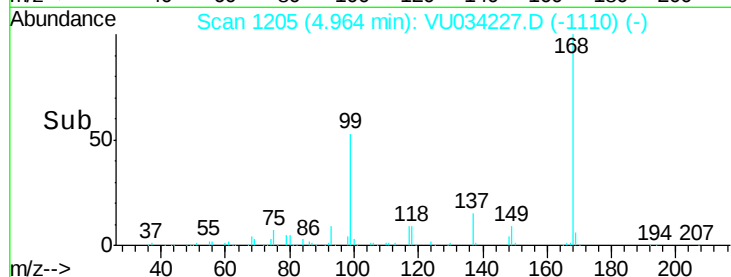
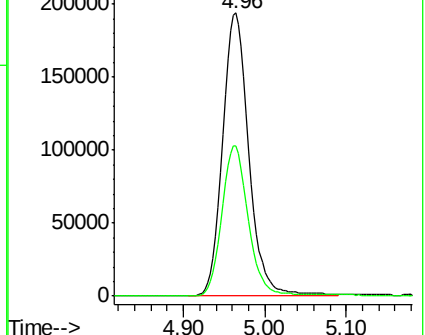
168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034227.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034227.D (-1110) (-)



#16

Acetone

Concen: 5.826 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034227.D

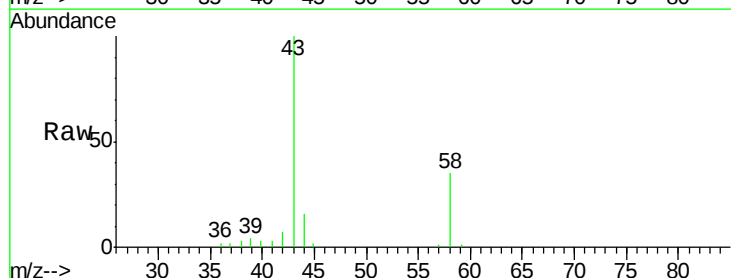
Acq: 03 Sep 2019 15:25

Tgt Ion: 43 Resp: 16893

Ion Ratio Lower Upper

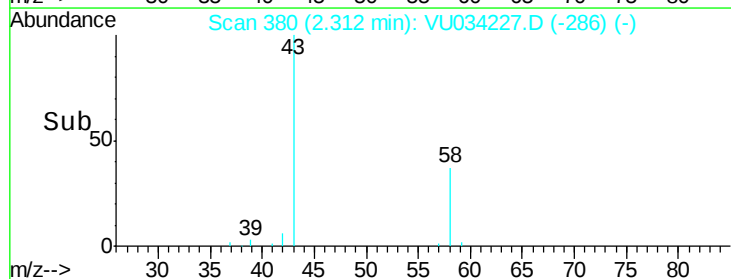
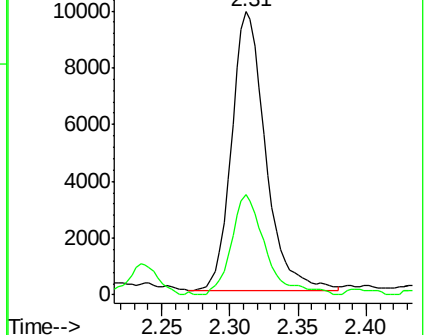
43 100

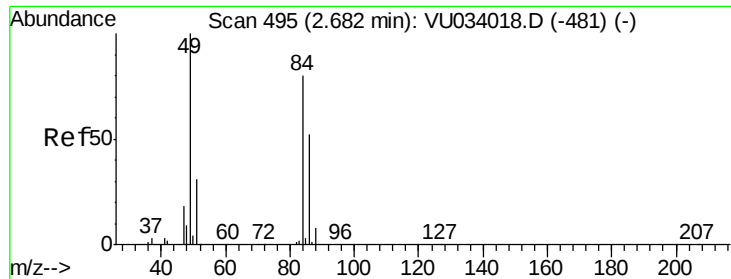
58 36.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034227.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034227.D (-286) (-)

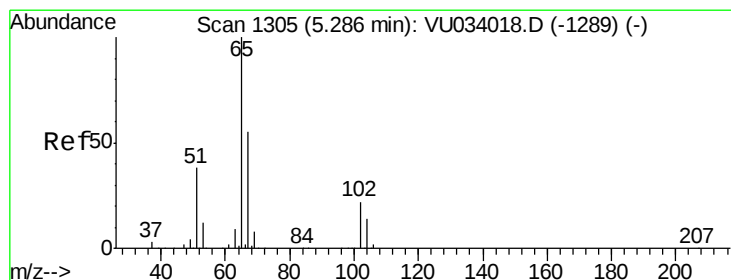
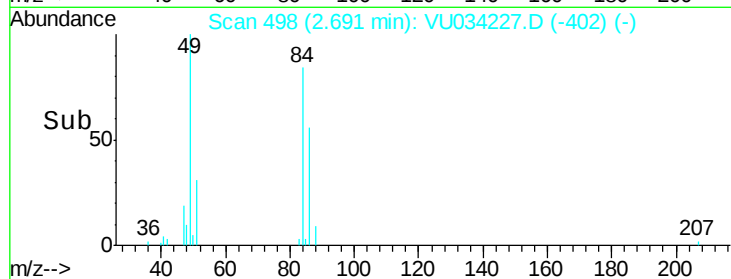
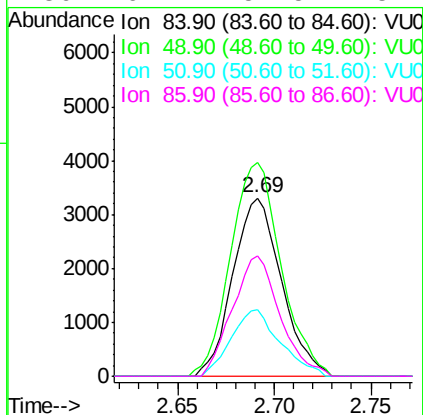
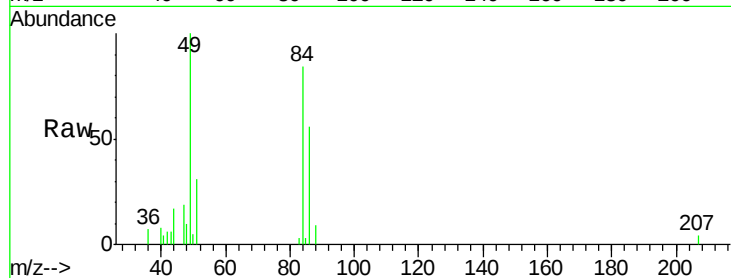




#20
Methylene Chloride
Concen: 1.052 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU034227.D
Acq: 03 Sep 2019 15:25

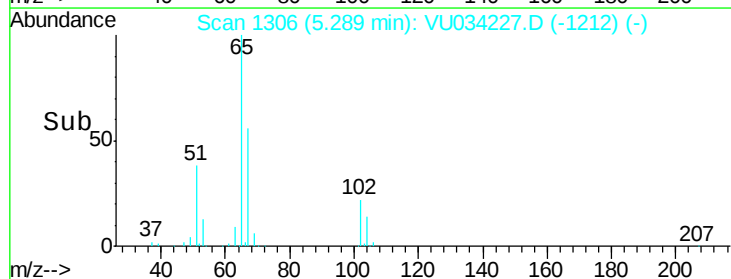
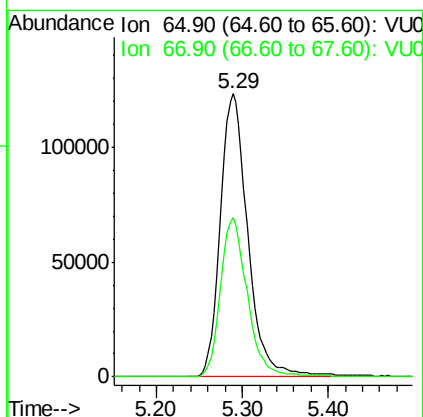
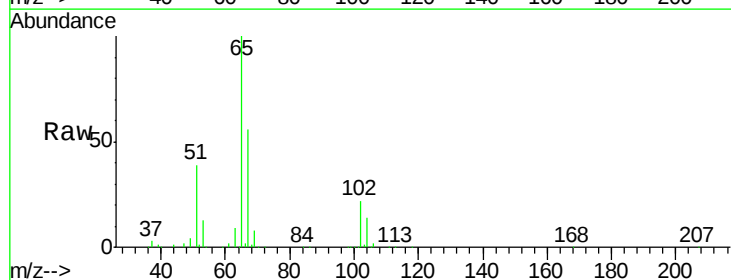
Instrument :
MSVOA_U
ClientSampleId :
T16-17-E4-(2.25)

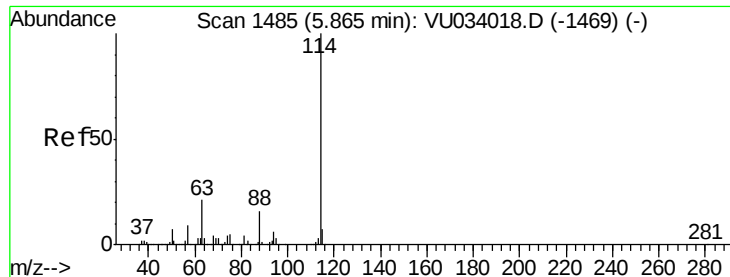
Tot Ion:	84	Resp:	5773
Ion	Ratio	Lower	Upper
84	100		
49	119.6	100.2	150.4
51	37.4	30.8	46.2
86	67.2	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 48.302 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034227.D
Acq: 03 Sep 2019 15:25

Tgt Ion:	65	Resp:	274511
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.6

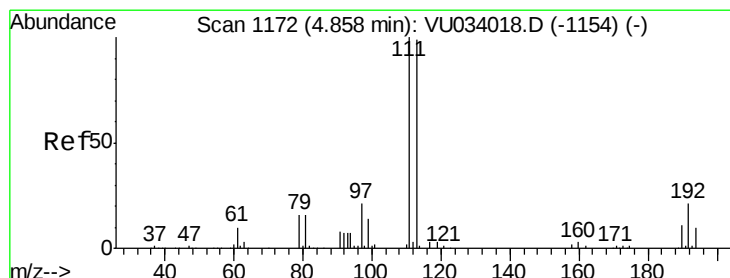
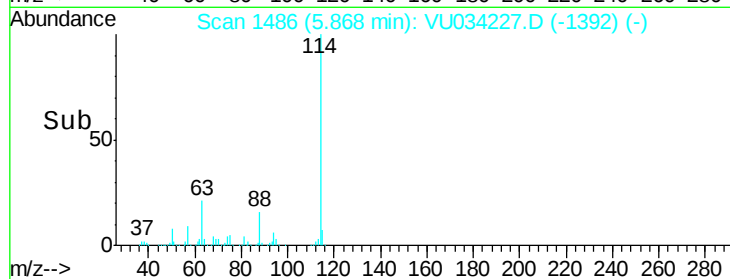
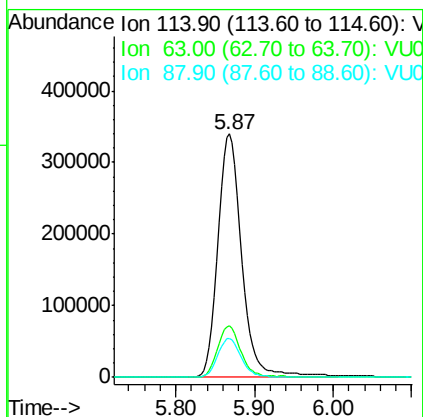
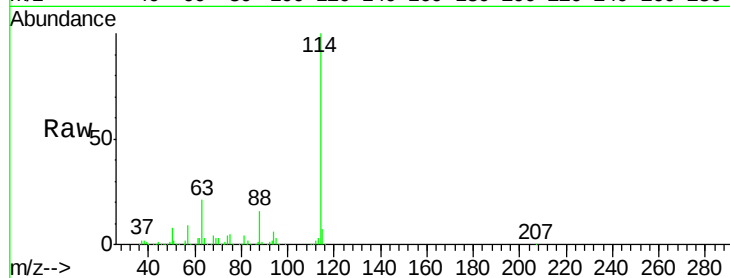




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034227.D
 Acq: 03 Sep 2019 15:25

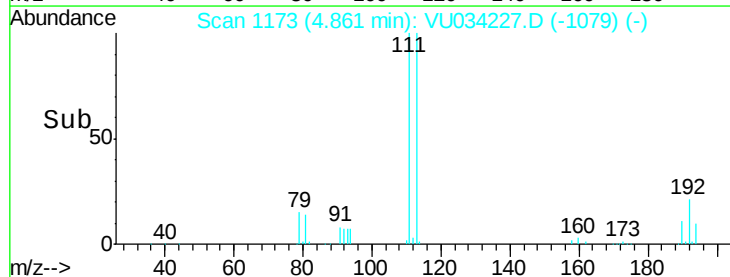
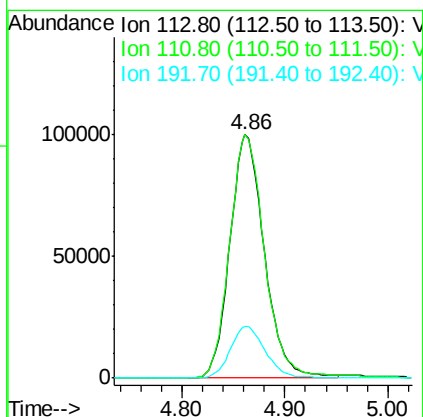
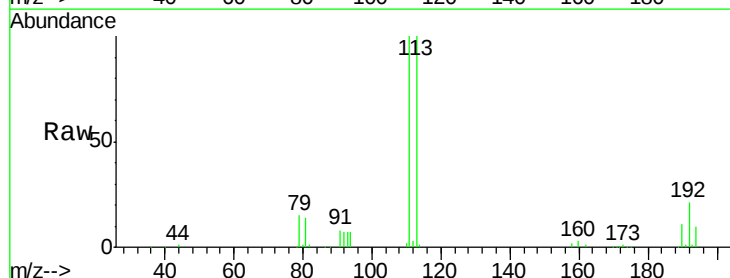
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E4-(2.25)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.0
88	16.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 47.002 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034227.D
 Acq: 03 Sep 2019 15:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	21.6	17.1	25.7





#43

Isopropyl Acetate

Concen: 8.208 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034227.D

Acq: 03 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E4-(2.25)

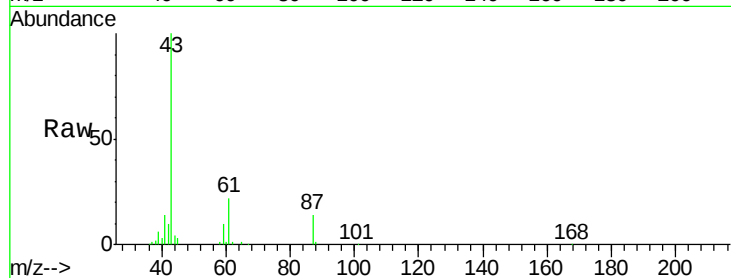
Tot Ion: 43 Resp: 94295

Ion Ratio Lower Upper

43 100

61 21.3 17.2 25.8

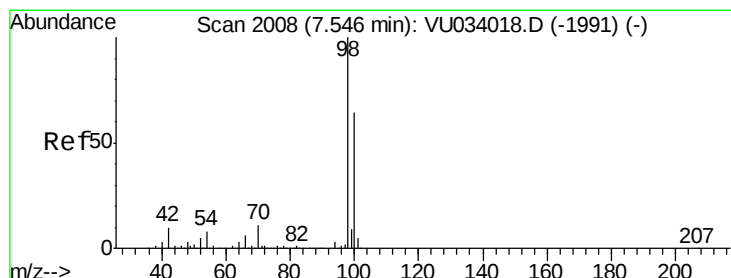
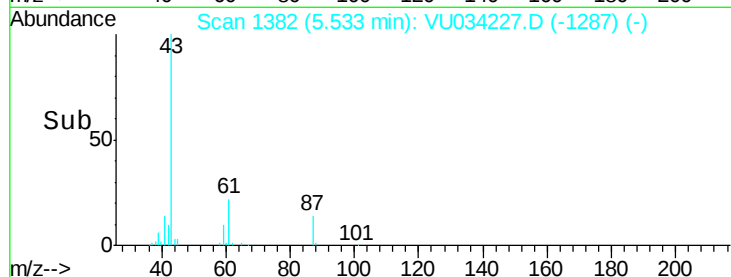
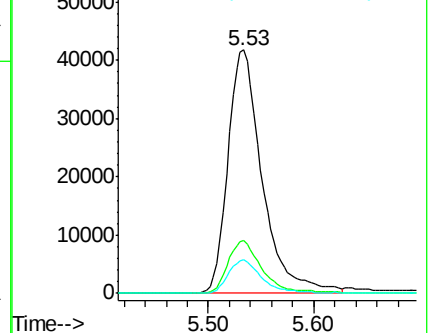
87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



#50

Toluene-d8

Concen: 50.307 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034227.D

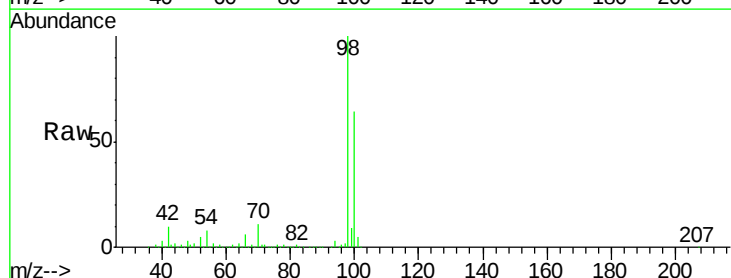
Acq: 03 Sep 2019 15:25

Tgt Ion: 98 Resp: 931480

Ion Ratio Lower Upper

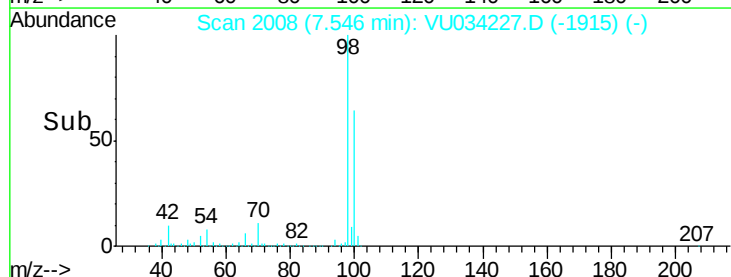
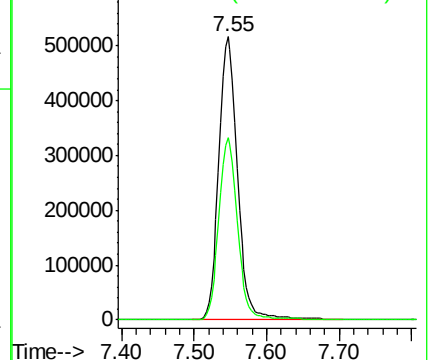
98 100

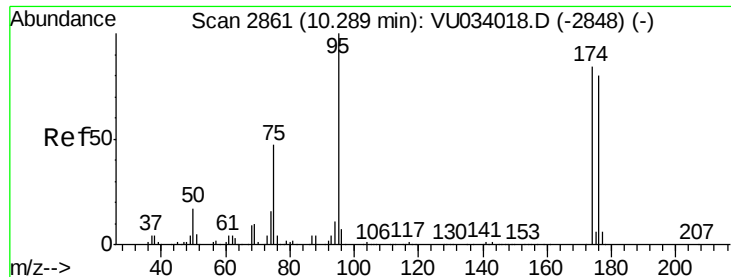
100 64.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)





#62

4-Bromofluorobenzene

Concen: 45.502 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034227.D

Acq: 03 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E4-(2.25)

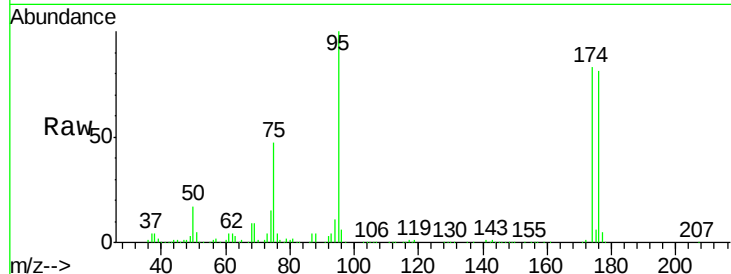
Tot Ion: 95 Resp: 327727

Ion Ratio Lower Upper

95 100

174 84.2 0.0 168.8

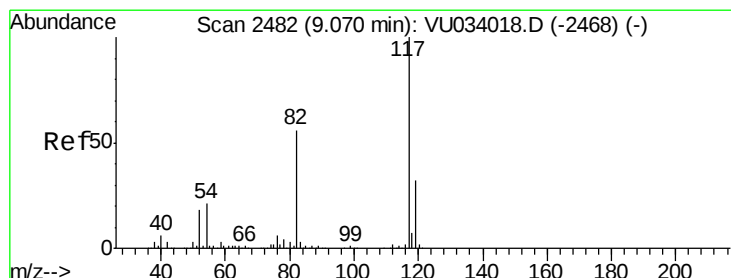
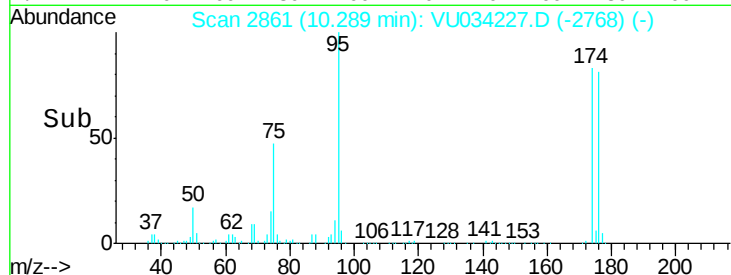
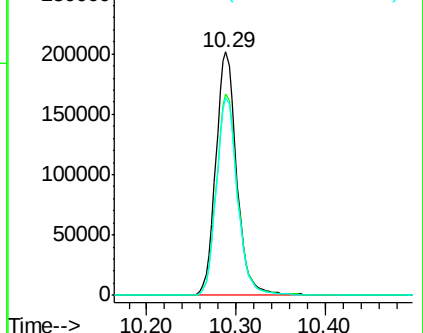
176 81.3 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034227.D

Acq: 03 Sep 2019 15:25

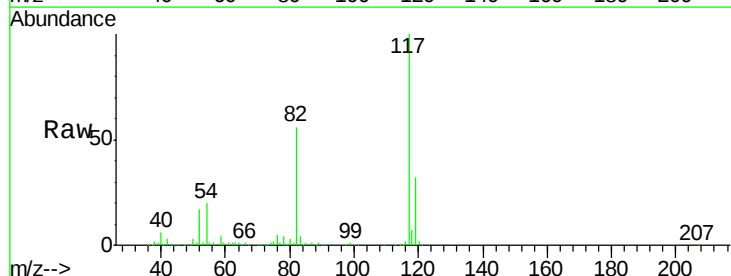
Tgt Ion: 117 Resp: 710156

Ion Ratio Lower Upper

117 100

82 56.3 45.1 67.7

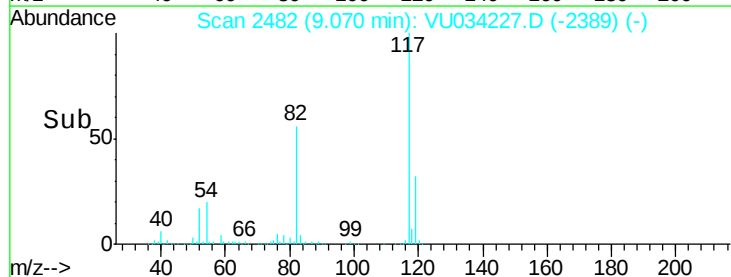
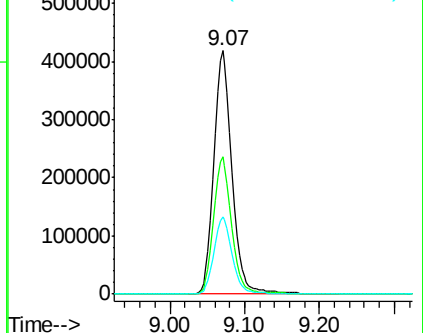
119 31.8 25.4 38.0

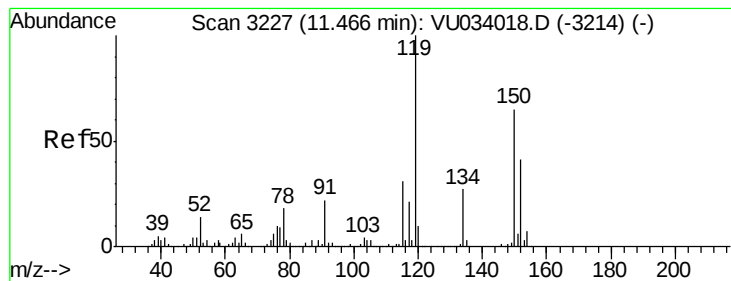


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034227.D

Acq: 03 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E4-(2.25)

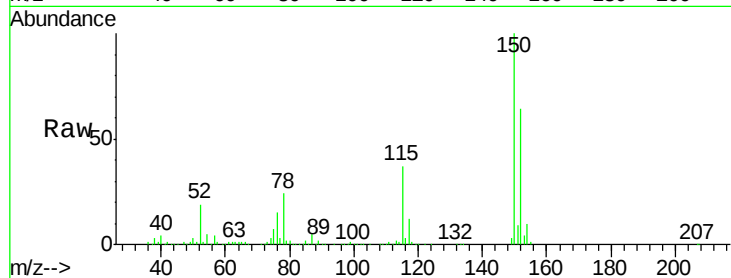
Tot Ion:152 Resp: 347498

Ion Ratio Lower Upper

152 100

115 57.6 41.1 123.3

150 156.7 0.0 348.8



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

