

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034259.D
 Acq On : 04 Sep 2019 15:44
 Operator : JC/SP
 Sample : K4547-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-F-(2.5)

Quant Time: Sep 05 04:57:18 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

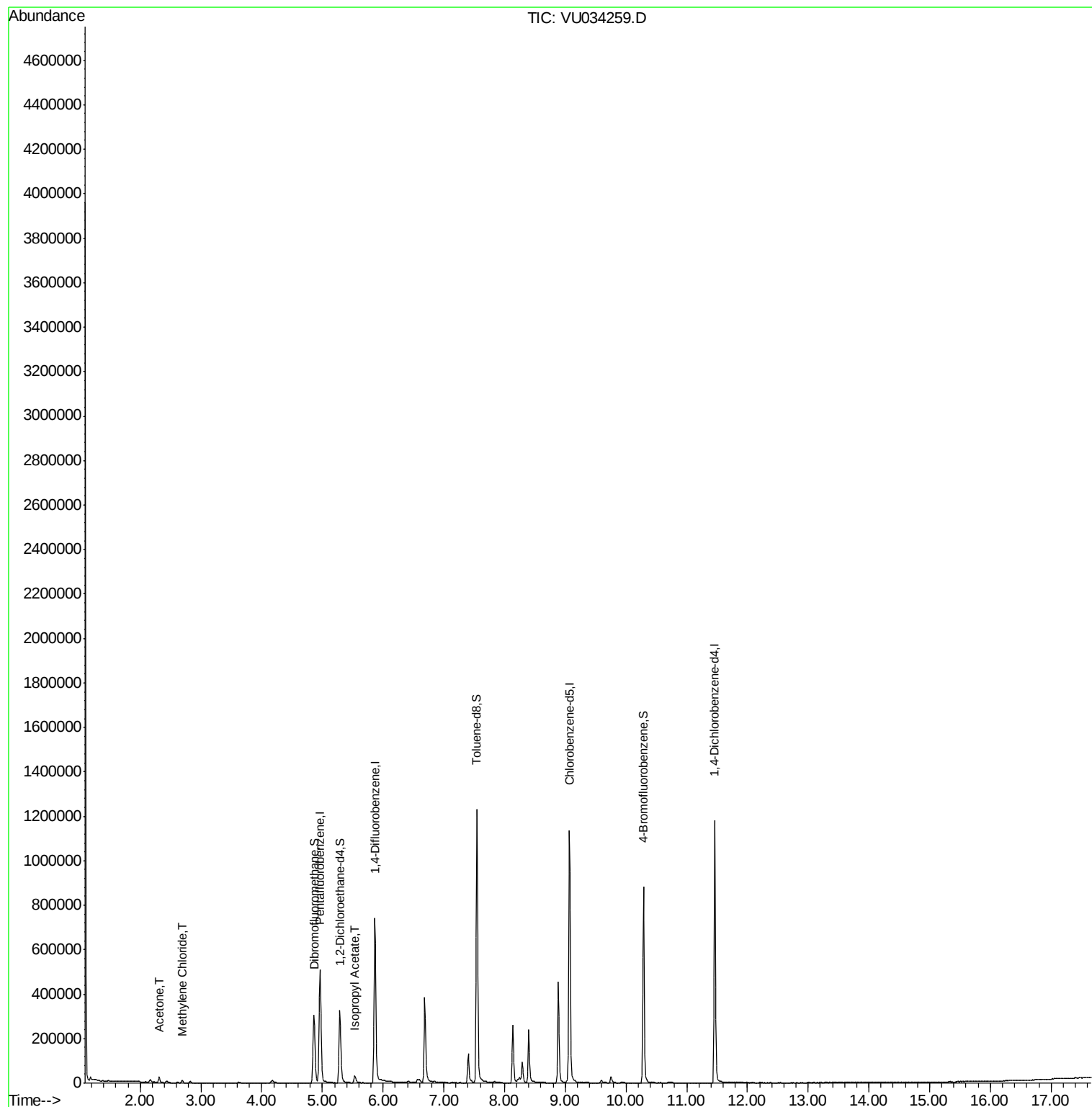
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	420166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	668918	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	671440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	329852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	262013	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
35) Dibromofluoromethane	4.86	113	222860	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	7.55	98	874959	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	10.29	95	302326	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
16) Acetone	2.31	43	26824	9.765	ug/l	96
20) Methylene Chloride	2.69	84	5269	1.013	ug/l	87
43) Isopropyl Acetate	5.53	43	40656	3.772	ug/l	98

(#) = 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: VU034259.D

Acq: 04 Sep 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

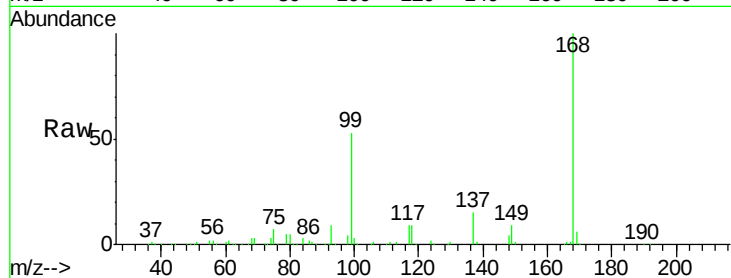
T3-S-F-(2.5)

Tot Ion:168 Resp: 420166

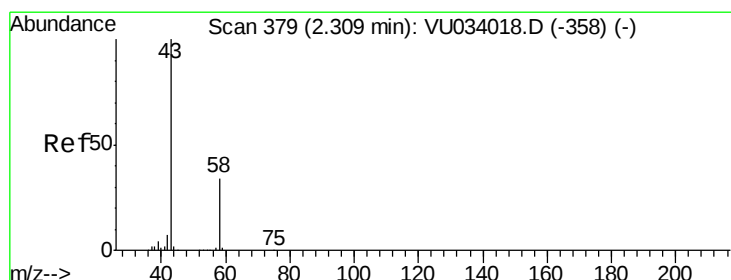
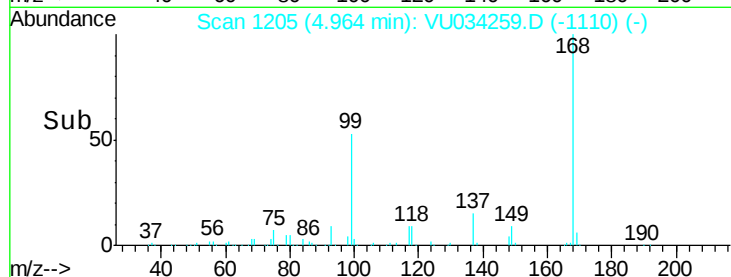
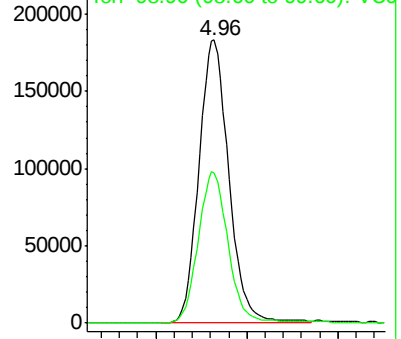
Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)



#16

Acetone

Concen: 9.765 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034259.D

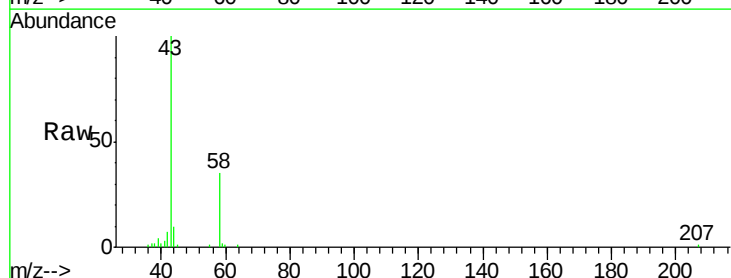
Acq: 04 Sep 2019 15:44

Tgt Ion: 43 Resp: 26824

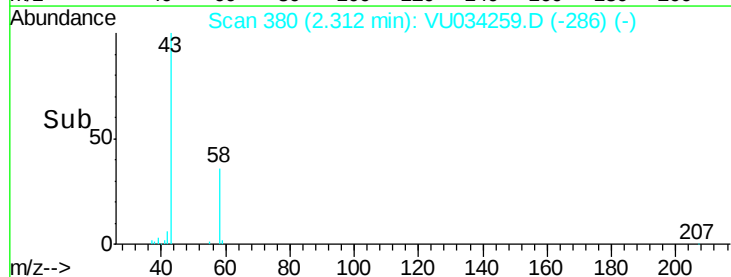
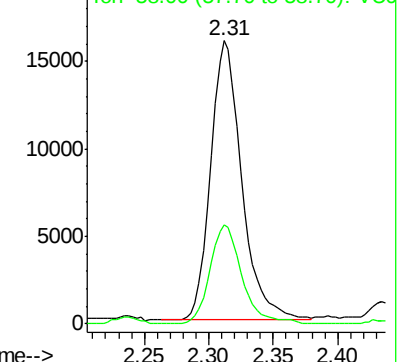
Ion Ratio Lower Upper

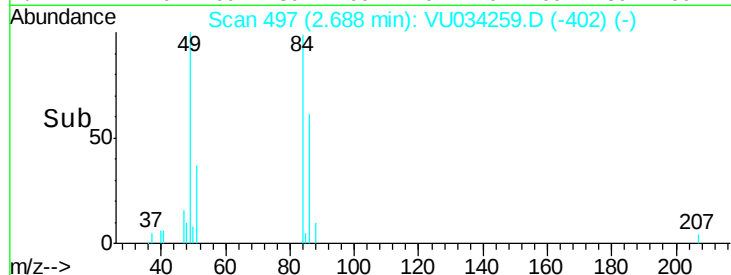
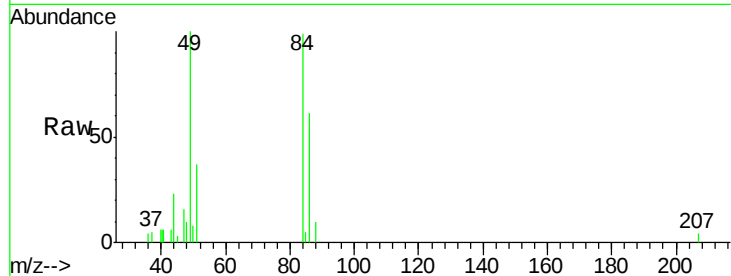
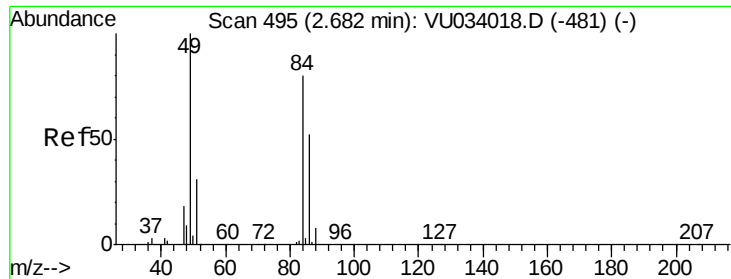
43 100

58 35.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

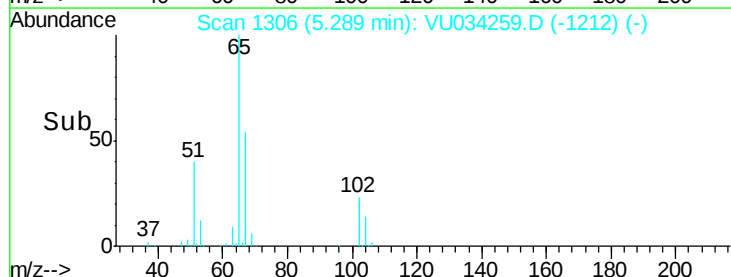
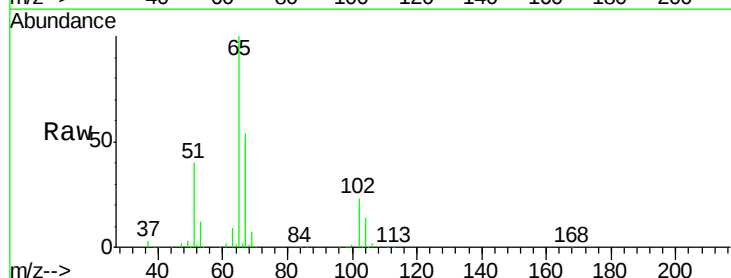
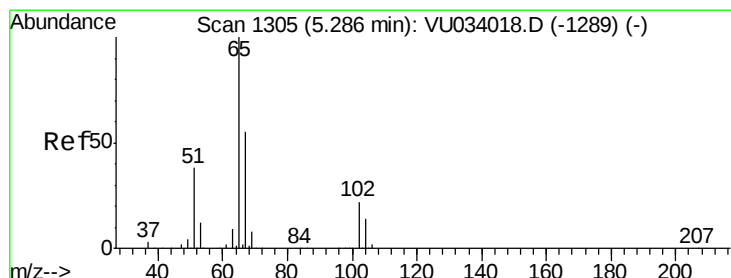
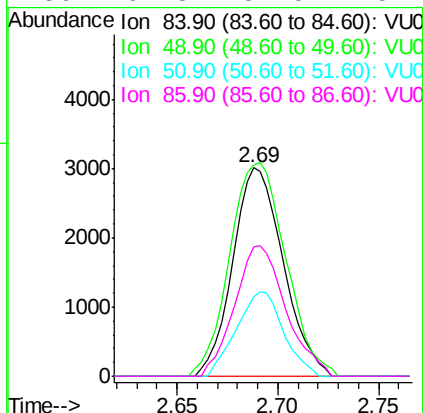




#20
Methylene Chloride
Concen: 1.013 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034259.D
Acq: 04 Sep 2019 15:44

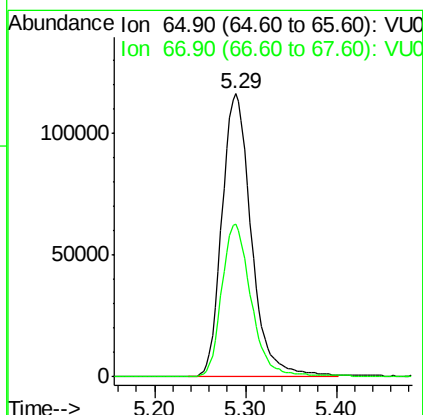
Instrument :
MSVOA_U
ClientSampleId :
T3-S-F-(2.5)

Tot Ion:	84	Resp:	5269
Ion	Ratio	Lower	Upper
84	100		
49	101.5	100.2	150.4
51	38.0	30.8	46.2
86	61.8	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 48.667 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034259.D
Acq: 04 Sep 2019 15:44

Tgt Ion:	65	Resp:	262013
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.6

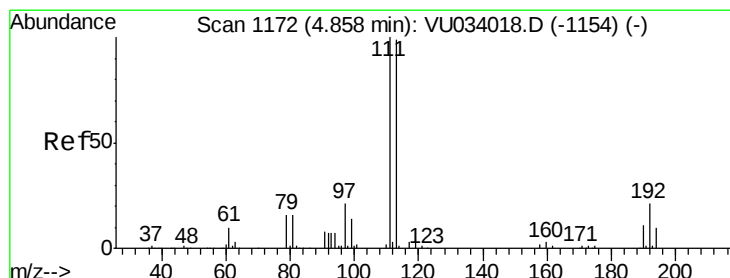
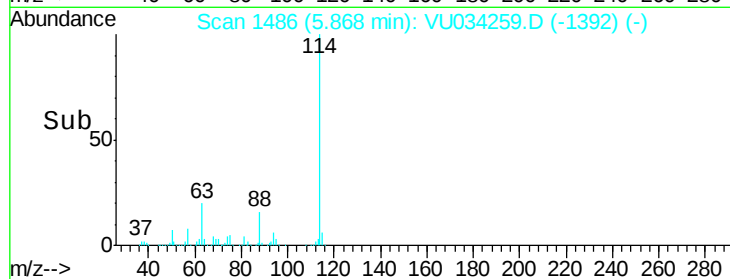
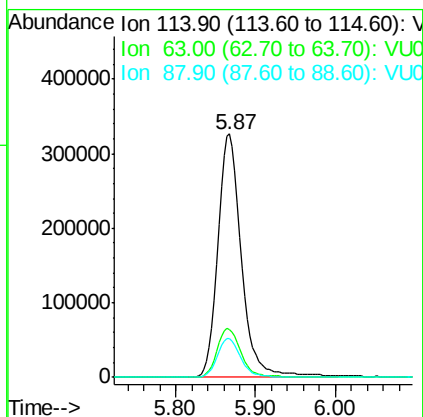
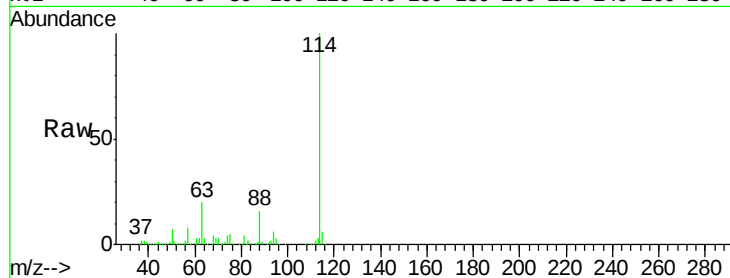




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034259.D
 Acq: 04 Sep 2019 15:44

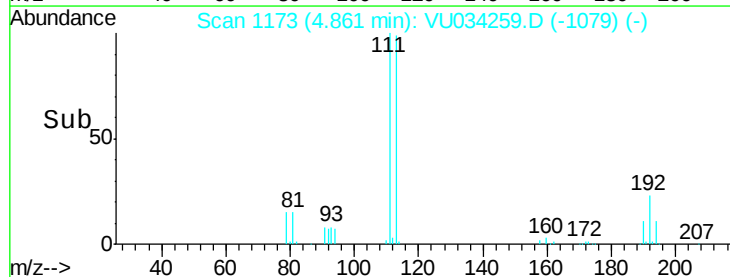
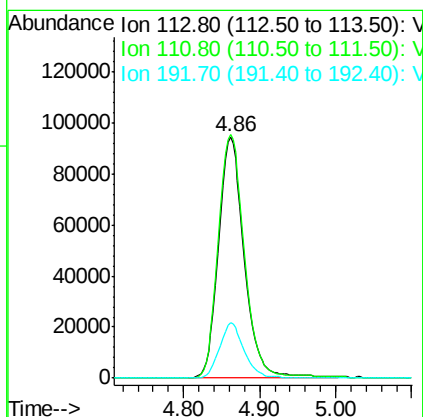
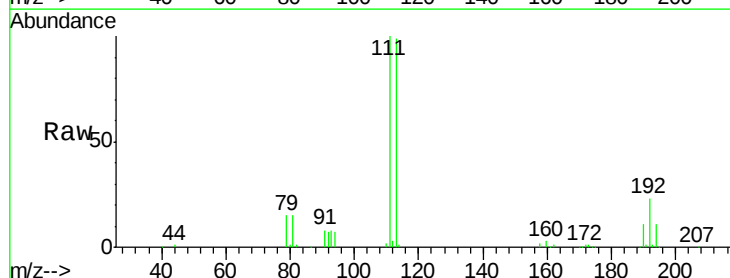
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-F-(2.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.0
88	15.9	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.035 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034259.D
 Acq: 04 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	21.9	17.1	25.7





#43

Isopropyl Acetate

Concen: 3.772 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034259.D

Acq: 04 Sep 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

T3-S-F-(2.5)

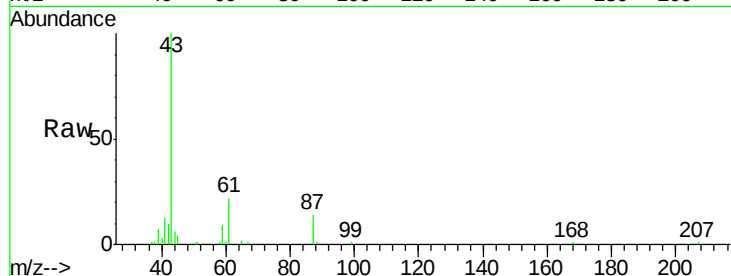
Tot Ion: 43 Resp: 40656

Ion Ratio Lower Upper

43 100

61 22.7 17.2 25.8

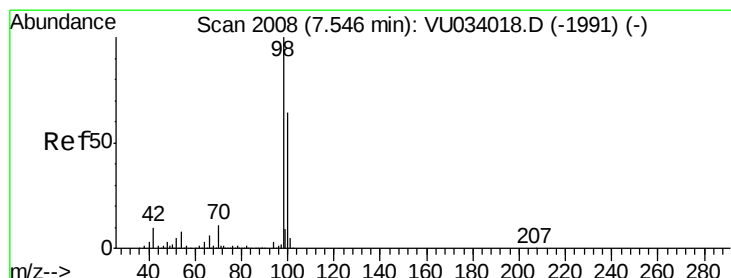
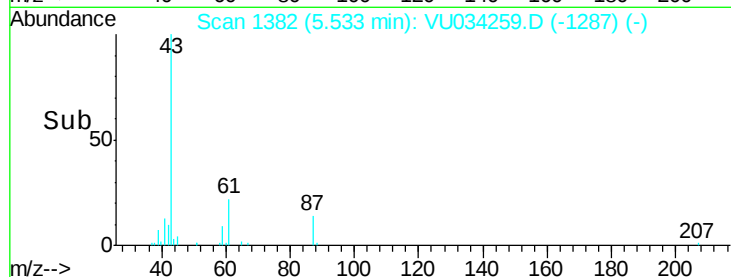
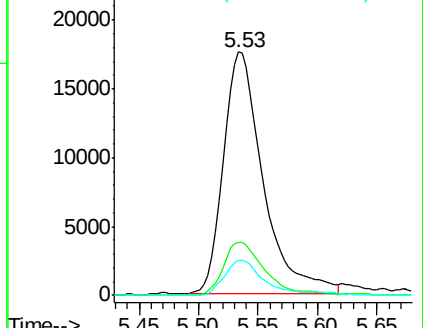
87 13.9 10.8 16.2



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: 50.365 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034259.D

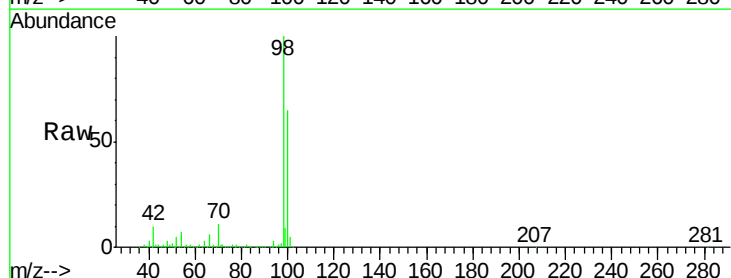
Acq: 04 Sep 2019 15:44

Tgt Ion: 98 Resp: 874959

Ion Ratio Lower Upper

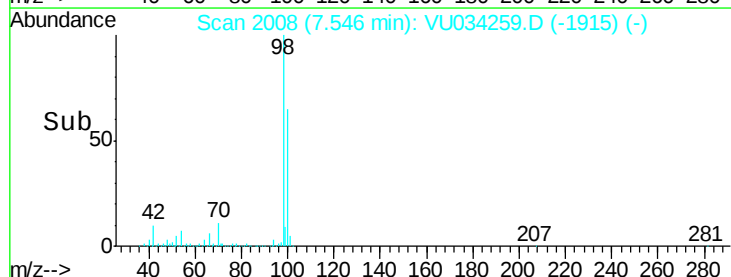
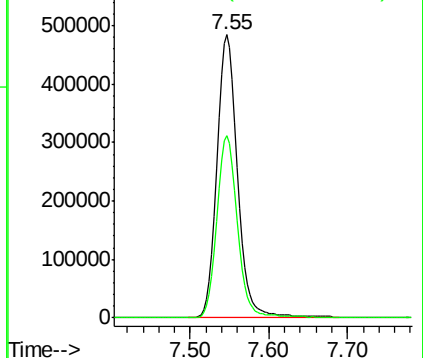
98 100

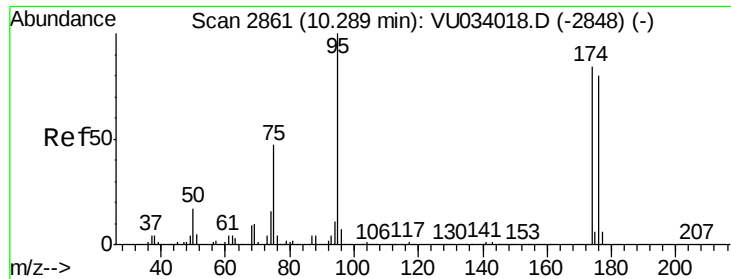
100 64.3 50.3 75.5



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: 44.739 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034259.D

Acq: 04 Sep 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

T3-S-F-(2.5)

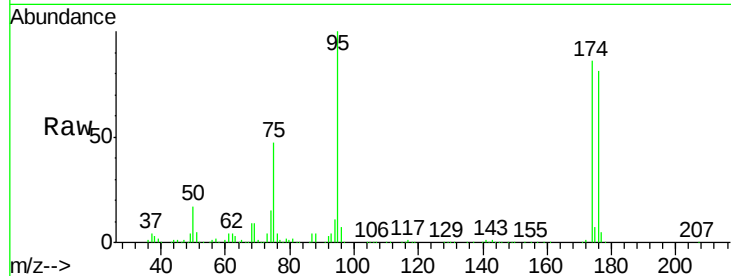
Tot Ion: 95 Resp: 302326

Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.8

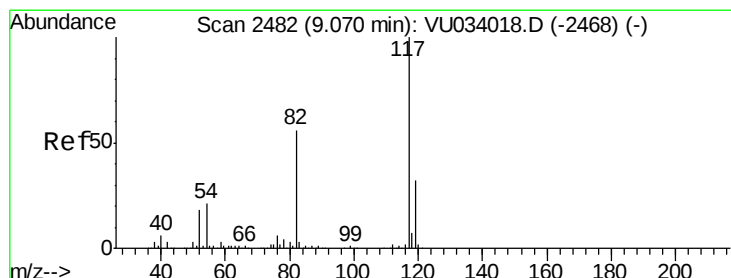
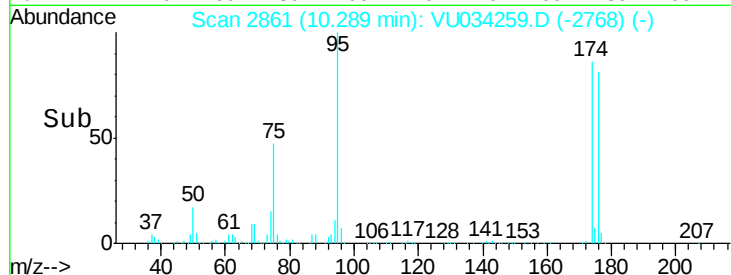
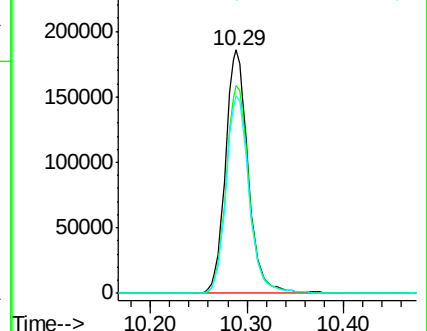
176 82.5 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034259.D

Acq: 04 Sep 2019 15:44

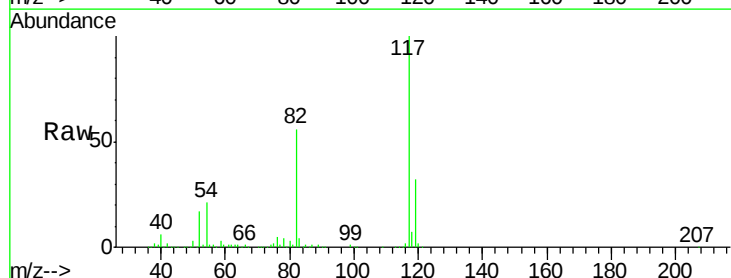
Tgt Ion: 117 Resp: 671440

Ion Ratio Lower Upper

117 100

82 55.6 45.1 67.7

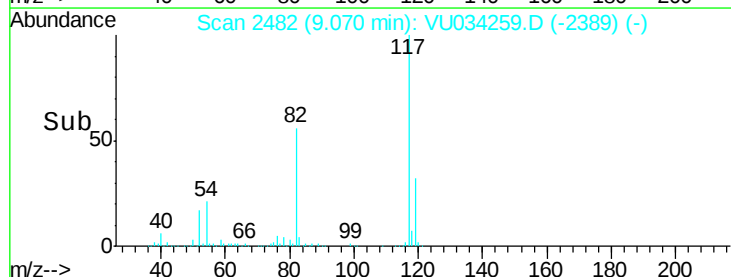
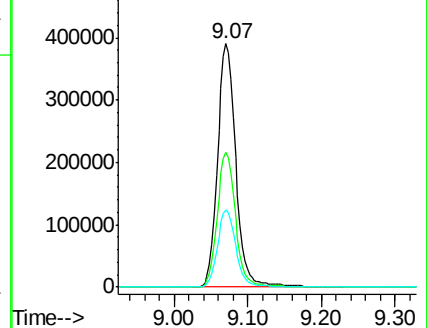
119 31.9 25.4 38.0

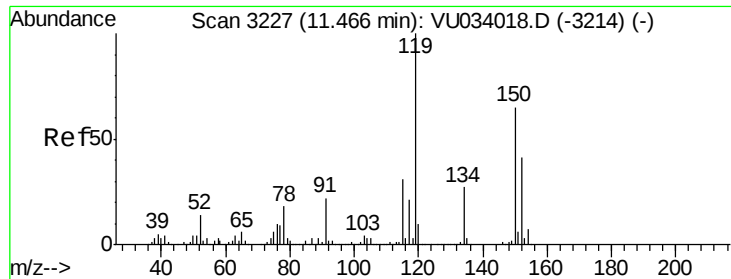


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034259.D

Acq: 04 Sep 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

T3-S-F-(2.5)

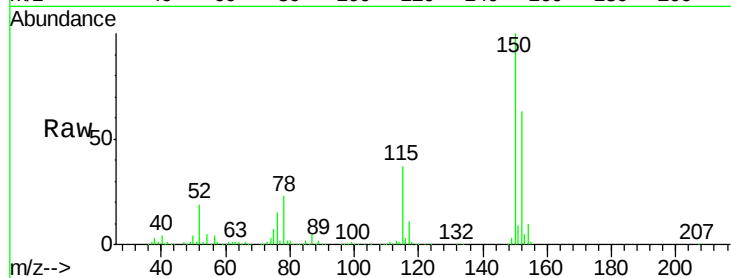
Tot Ion:152 Resp: 329852

Ion Ratio Lower Upper

152 100

115 56.0 41.1 123.3

150 155.7 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

