

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034419.D
 Acq On : 09 Sep 2019 09:44
 Operator : JC/SP
 Sample : PB122904TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122904TB

Quant Time: Sep 10 06:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

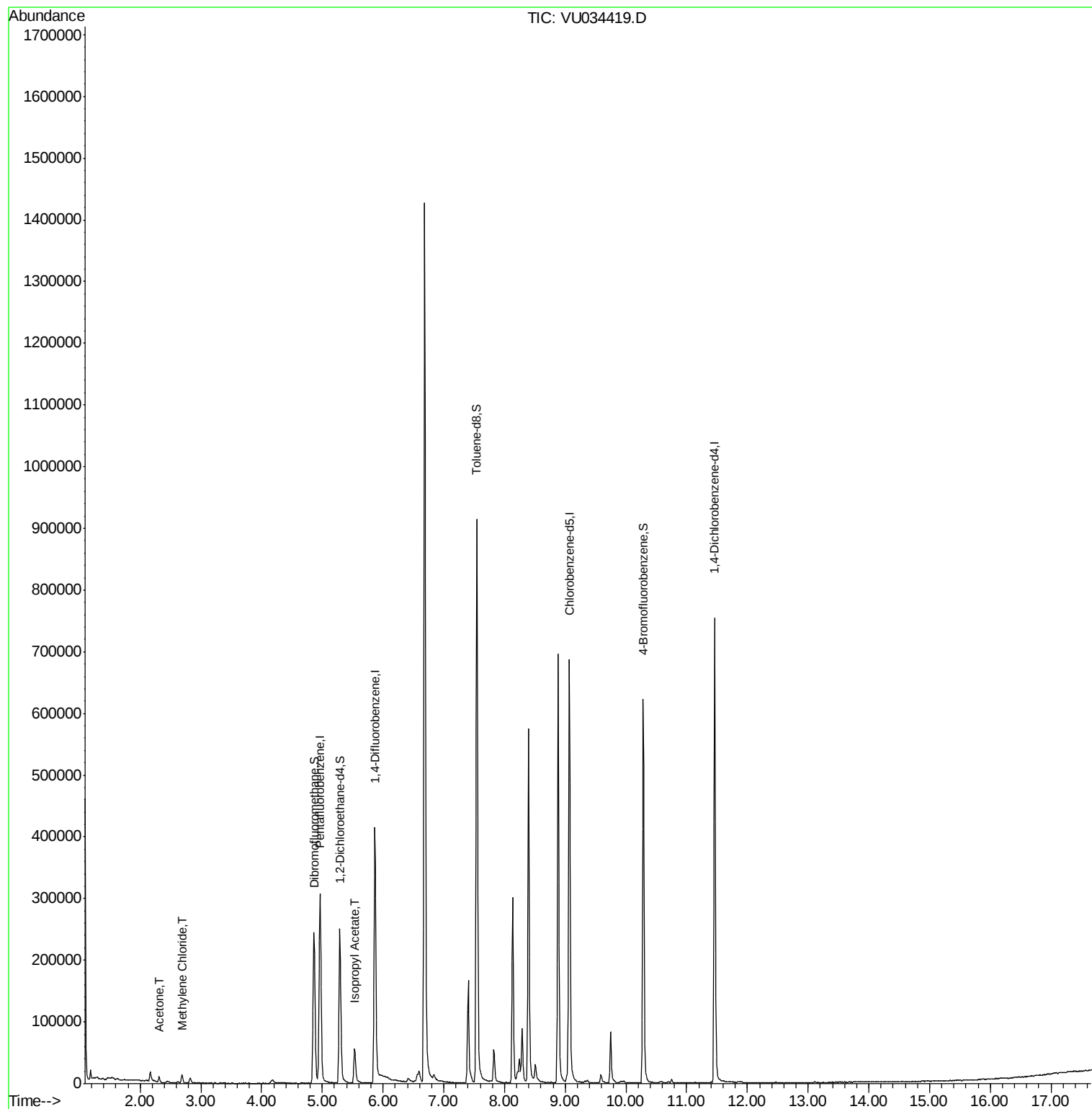
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	255847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	377629	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	413731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	224030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	198409	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	4.86	113	176000	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	7.54	98	648731	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	10.29	95	214383	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
Target Compounds						
16) Acetone	2.31	43	10137	5.060	ug/l	98
20) Methylene Chloride	2.69	84	6242	1.515	ug/l	93
43) Isopropyl Acetate	5.53	43	67492	8.935	ug/l	97

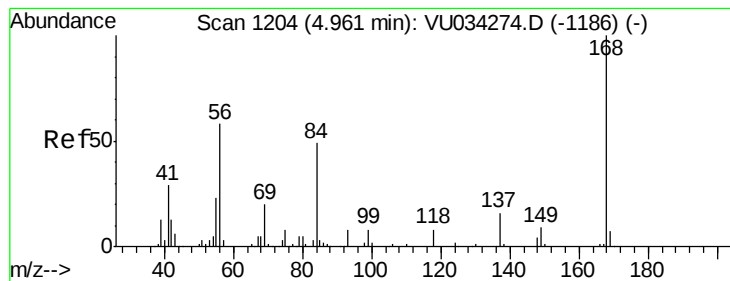
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034419.D

Acq: 09 Sep 2019 09:44

Instrument :

MSVOA_U

ClientSampleId :

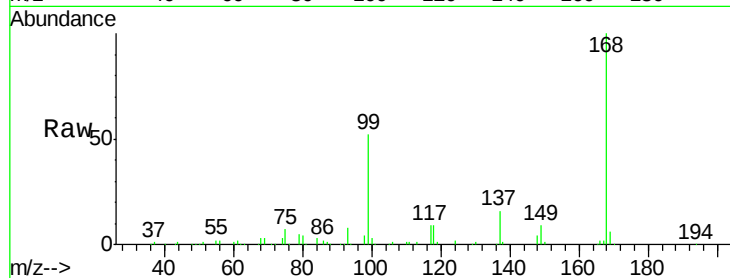
PB122904TB

Tot Ion:168 Resp: 255847

Ion Ratio Lower Upper

168 100

99 51.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034419.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034419.D (-1111) (-)

4.96

120000

100000

80000

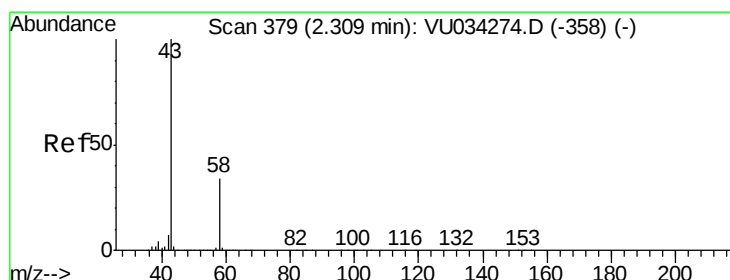
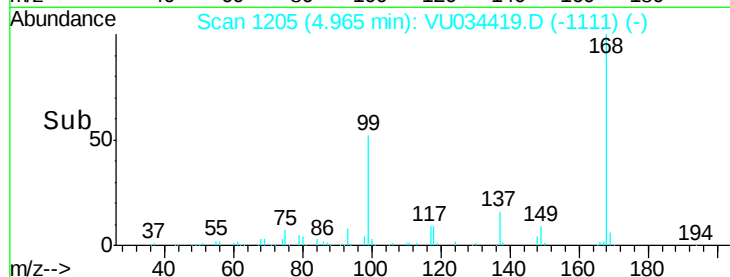
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.060 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034419.D

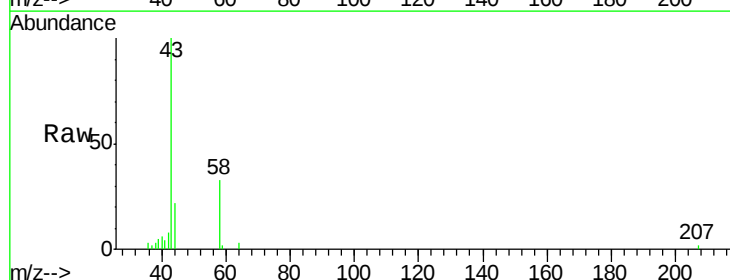
Acq: 09 Sep 2019 09:44

Tgt Ion: 43 Resp: 10137

Ion Ratio Lower Upper

43 100

58 33.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034419.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034419.D (-286) (-)

2.31

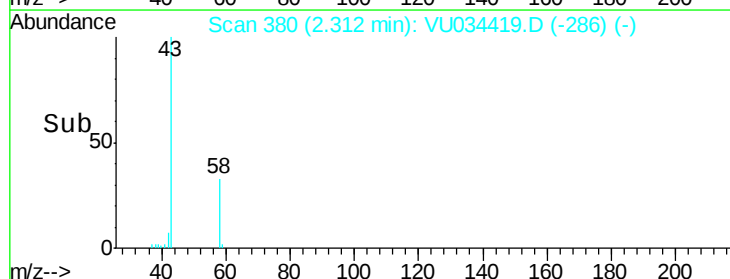
6000

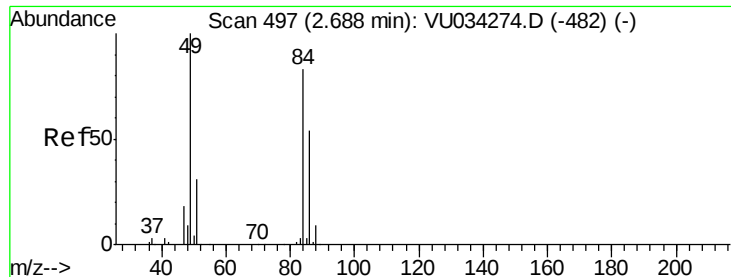
4000

2000

0

Time-->



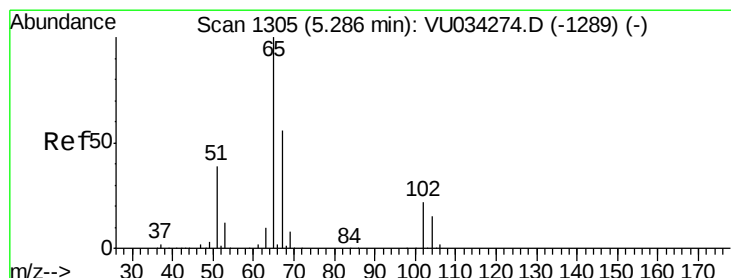
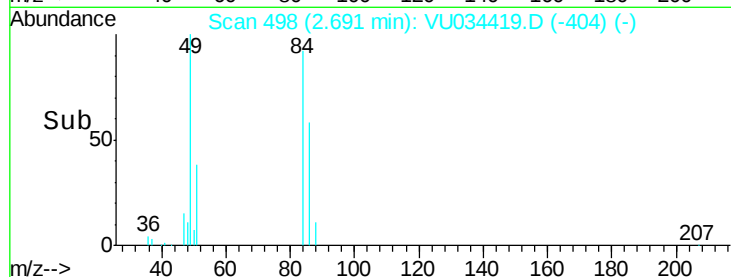
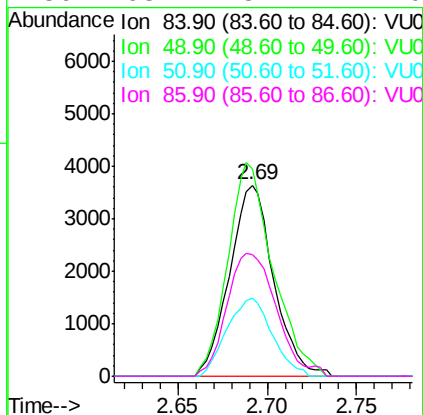
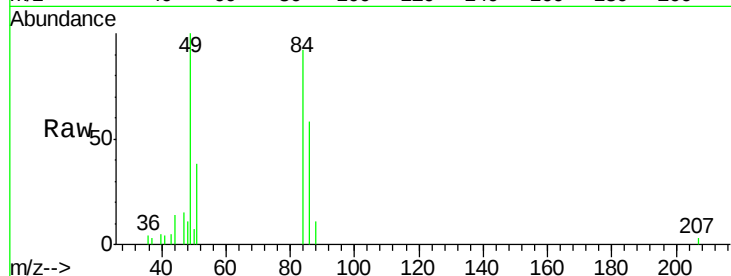


#20
Methvlene Chloride
Concen: 1.515 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034419.D
Acq: 09 Sep 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
PB122904TB

Tot Ion: 84 Resp: 6242

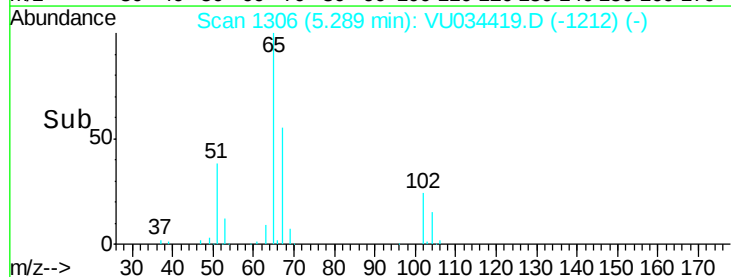
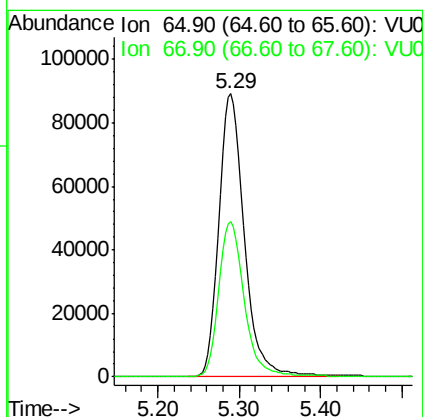
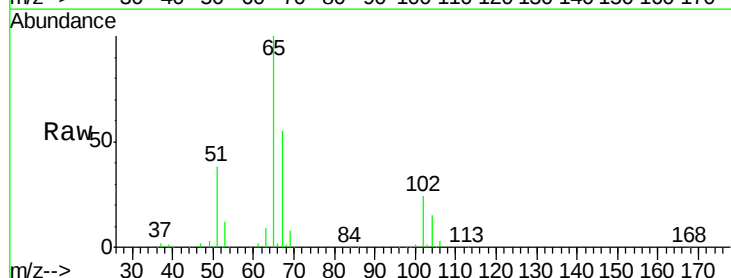
Ion	Ratio	Lower	Upper
84	100		
49	108.7	96.0	144.0
51	40.9	30.0	45.0
86	63.4	51.4	77.0

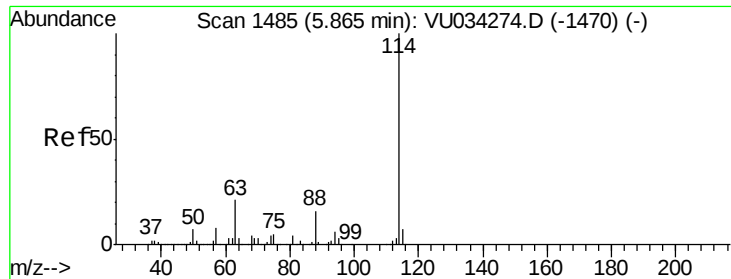


#33
1,2-Dichloroethane-d4
Concen: 51.255 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034419.D
Acq: 09 Sep 2019 09:44

Tgt Ion: 65 Resp: 198409

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	112.4

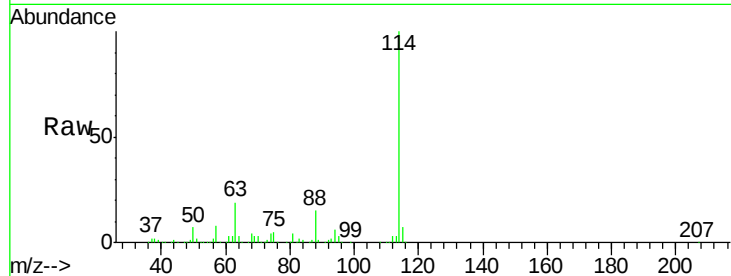




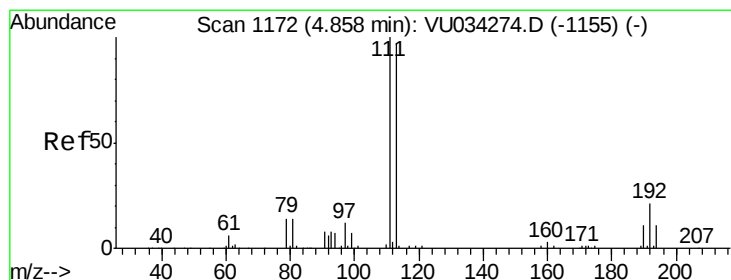
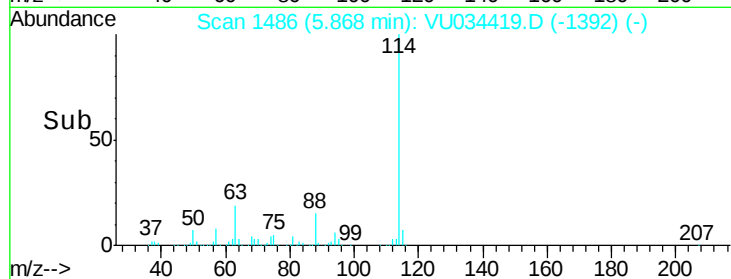
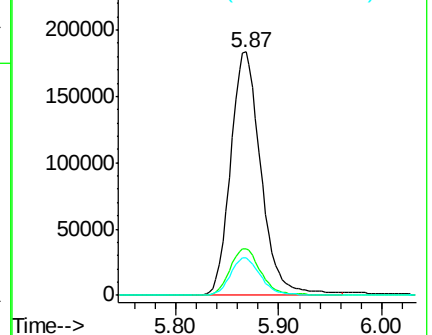
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034419.D
 Acq: 09 Sep 2019 09:44

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122904TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.4
88	15.3	0.0	32.4

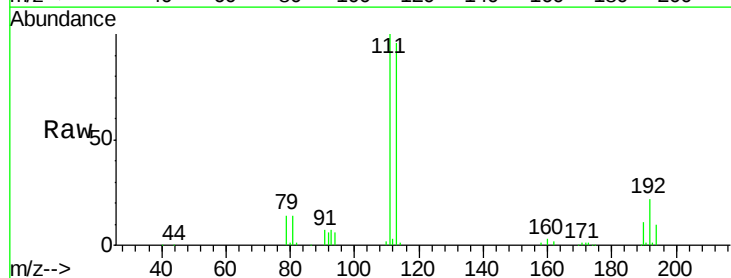


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

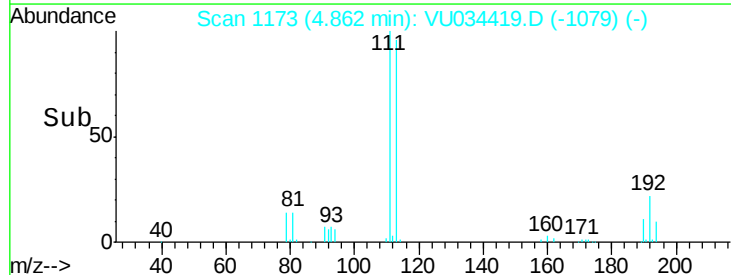
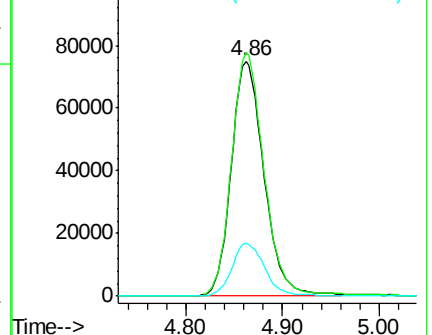


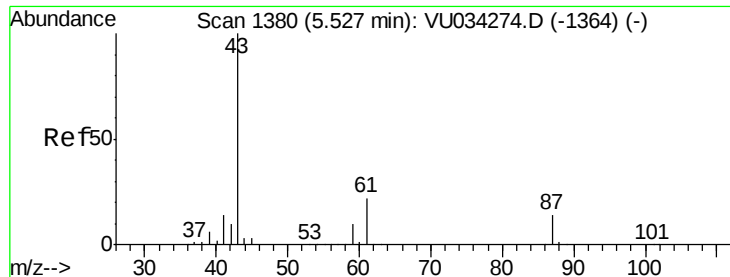
#35
 Dibromofluoromethane
 Concen: 50.088 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034419.D
 Acq: 09 Sep 2019 09:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.2	17.8	26.8



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





#43

Isopropyl Acetate

Concen: 8.935 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034419.D

Acq: 09 Sep 2019 09:44

Instrument :

MSVOA_U

ClientSampleId :

PB122904TB

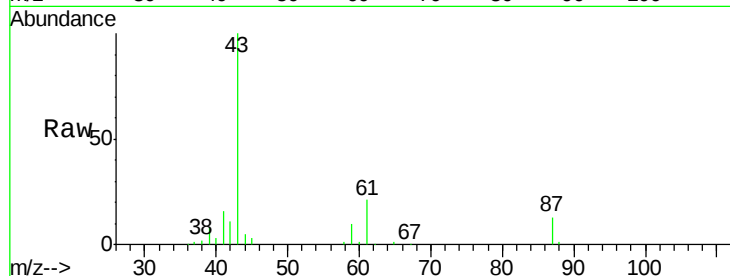
Tot Ion: 43 Resp: 67492

Ion Ratio Lower Upper

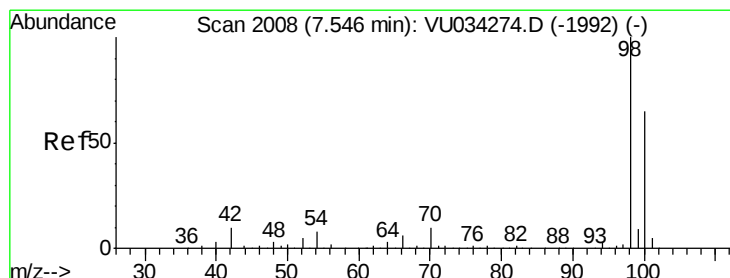
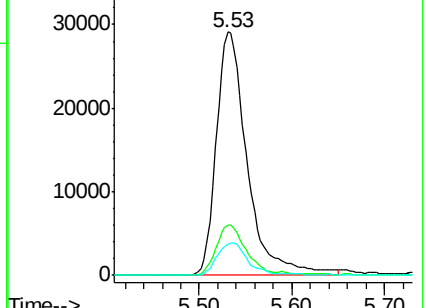
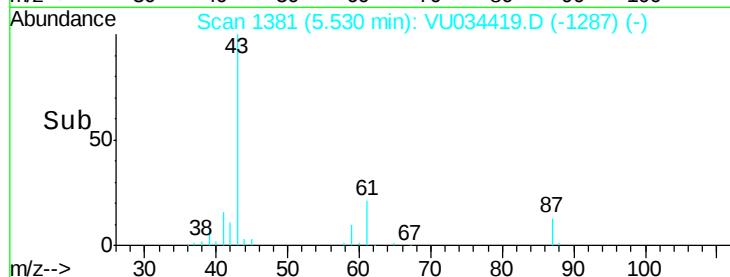
43 100

61 19.6 17.1 25.7

87 13.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034419.D (-1287) (-)



#50

Toluene-d8

Concen: 49.140 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034419.D

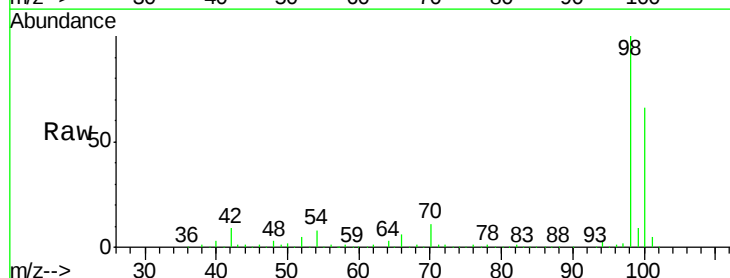
Acq: 09 Sep 2019 09:44

Tgt Ion: 98 Resp: 648731

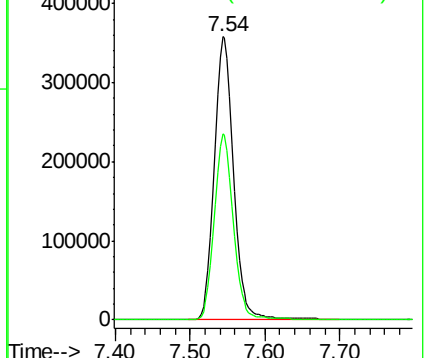
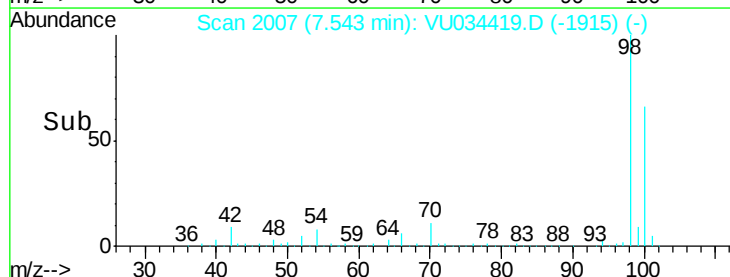
Ion Ratio Lower Upper

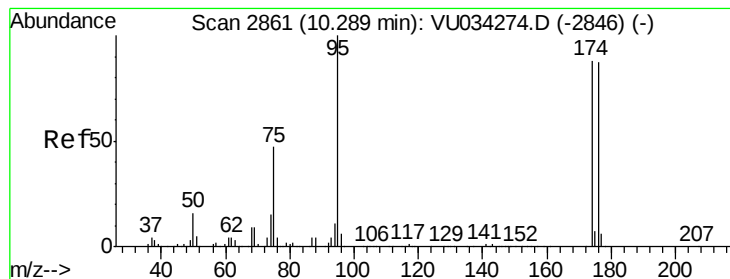
98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034419.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 42.060 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034419.D

Acq: 09 Sep 2019 09:44

Instrument :

MSVOA_U

ClientSampleId :

PB122904TB

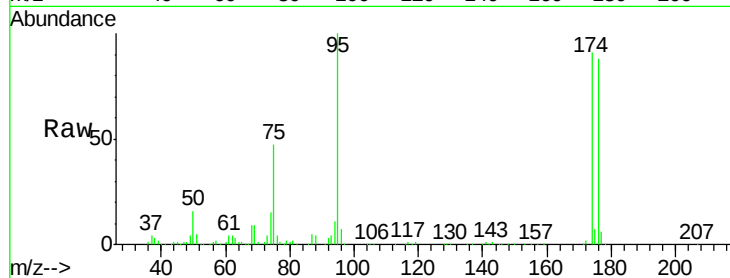
Tot Ion: 95 Resp: 214383

Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.2

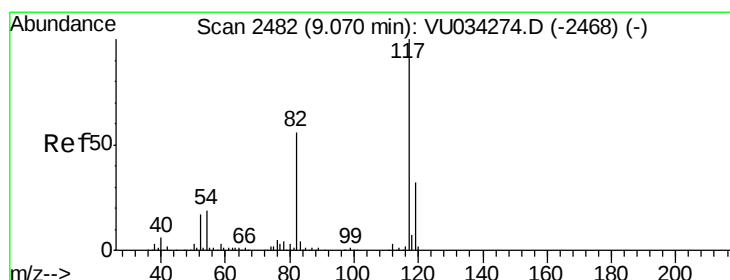
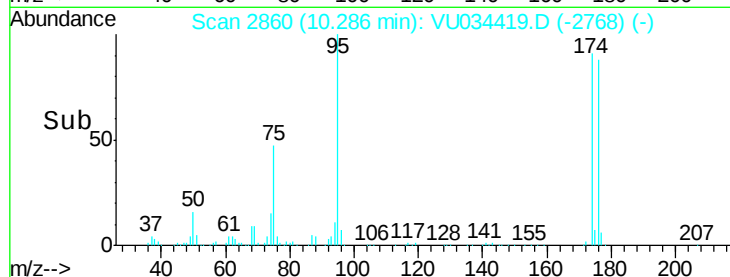
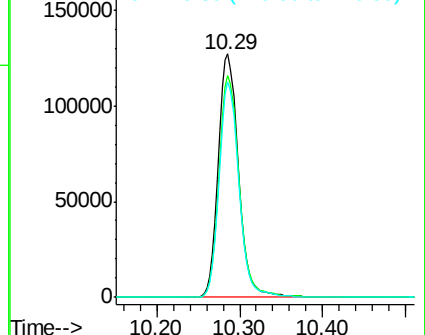
176 86.1 0.0 168.0



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# 2481

Delta R.T. -0.00 min

Lab File: VU034419.D

Acq: 09 Sep 2019 09:44

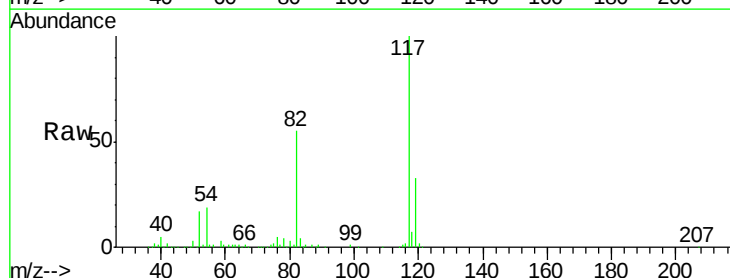
Tgt Ion: 117 Resp: 413731

Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

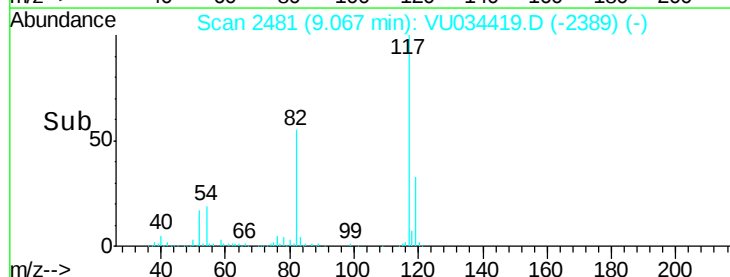
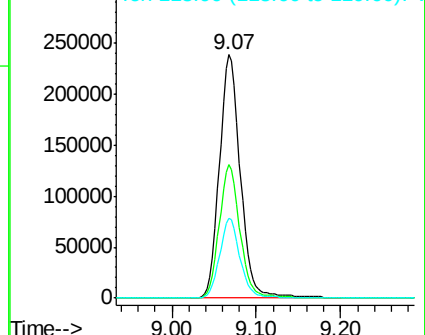
119 32.8 25.9 38.9

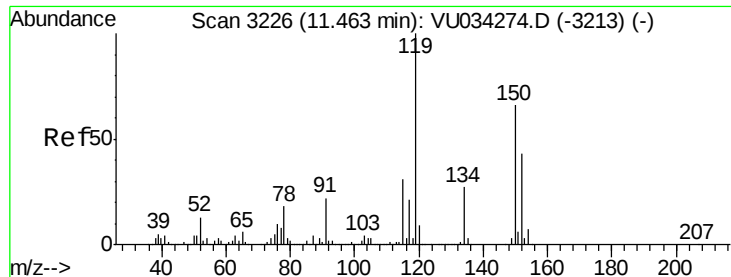


Abundance Ion 116.90 (116.60 to 117.60): VU0

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: VU034419.D

Acq: 09 Sep 2019 09:44

Instrument :

MSVOA_U

ClientSampleId :

PB122904TB

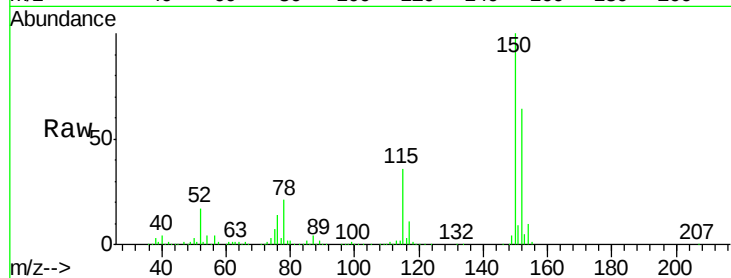
Tot Ion:152 Resp: 224030

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.3

150 154.0 0.0 345.4



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

