

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU034001.D
 Acq On : 28 Aug 2019 03:51
 Operator : JC/SP
 Sample : K4516-33
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-S-B3-(0)

Quant Time: Aug 28 08:44:24 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

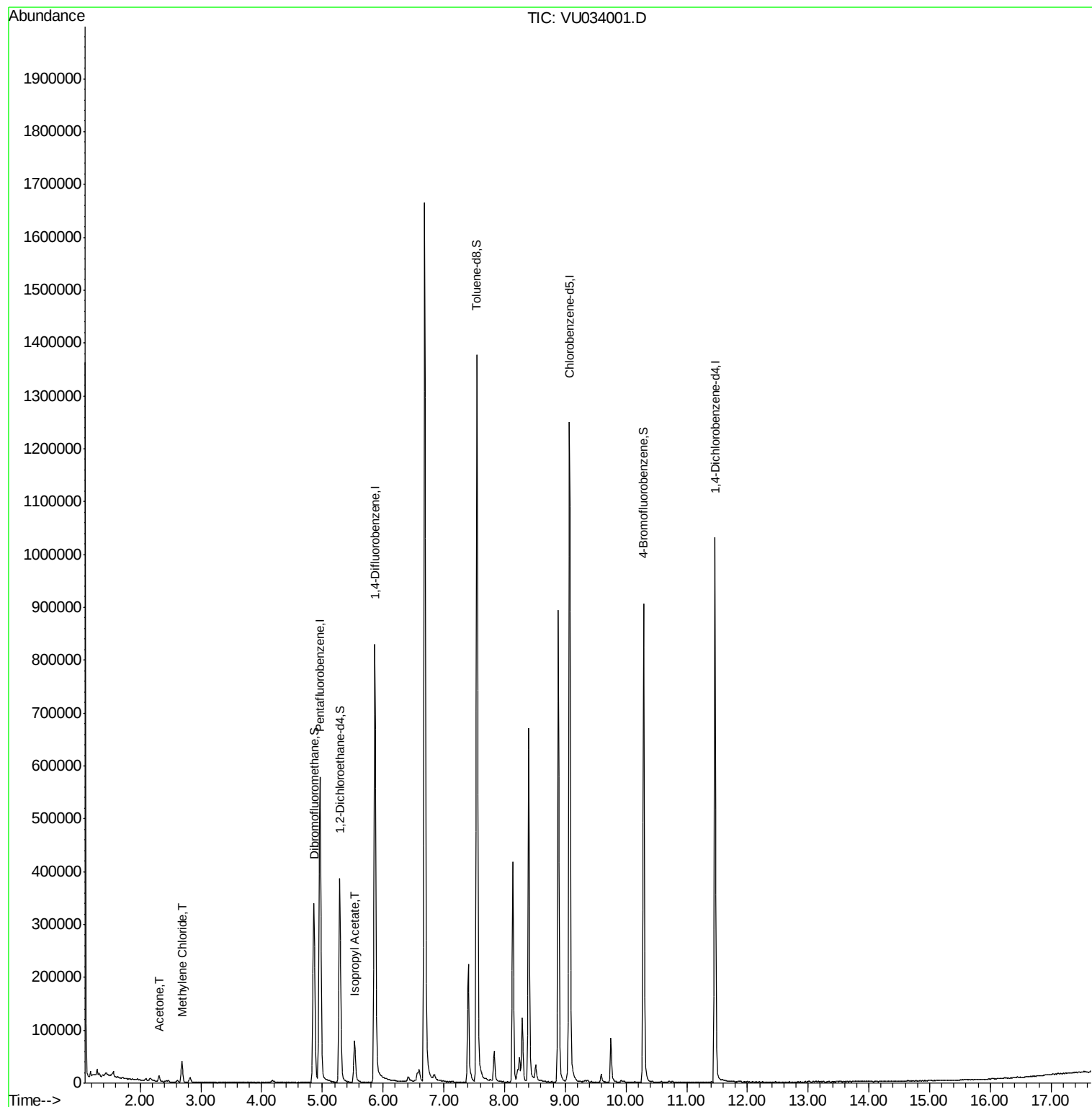
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	449179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	721556	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	694349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	287622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	304021	60.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.84%	
35) Dibromofluoromethane	4.86	113	239215	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	7.55	98	929840	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	10.29	95	310048	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
16) Acetone	2.31	43	12003	5.025	ug/l	97
20) Methylene Chloride	2.69	84	17689	3.491	ug/l	92
43) Isopropyl Acetate	5.53	43	90994	8.953	ug/l	95

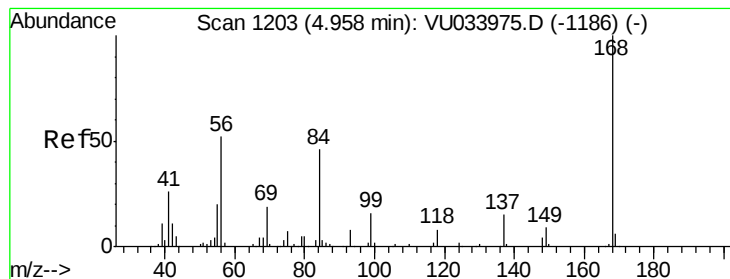
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034001.D

Acq: 28 Aug 2019 03:51

Instrument :

MSVOA_U

ClientSampleId :

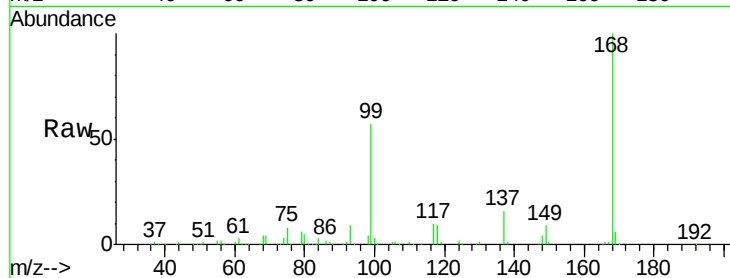
T2-S-B3-(0)

Tot Ion:168 Resp: 449179

Ion Ratio Lower Upper

168 100

99 56.8 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

200000

150000

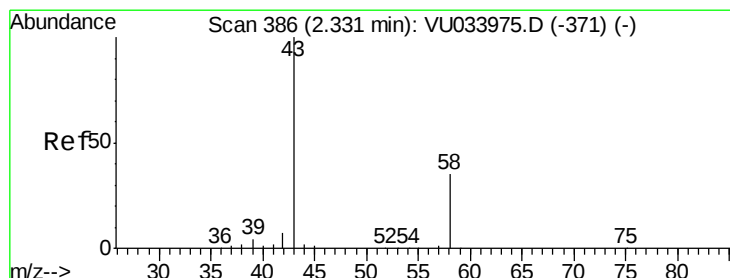
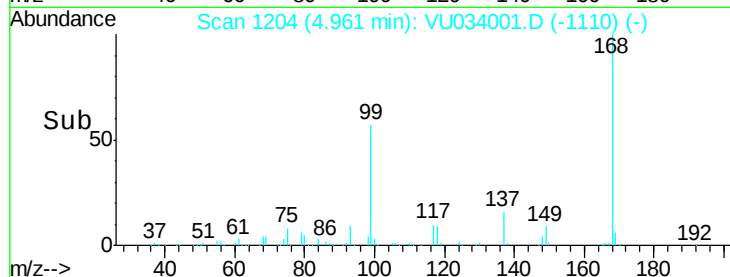
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.025 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034001.D

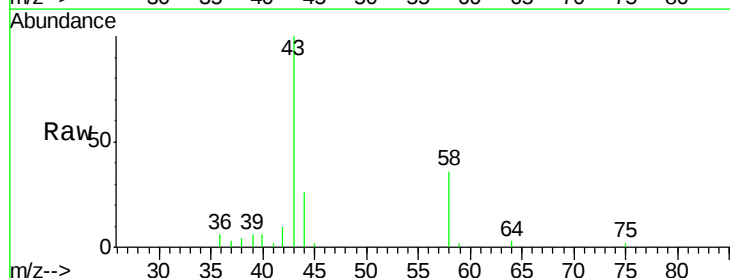
Acq: 28 Aug 2019 03:51

Tgt Ion: 43 Resp: 12003

Ion Ratio Lower Upper

43 100

58 36.8 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

8000

6000

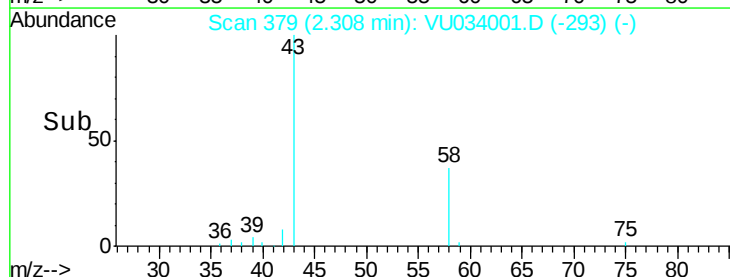
4000

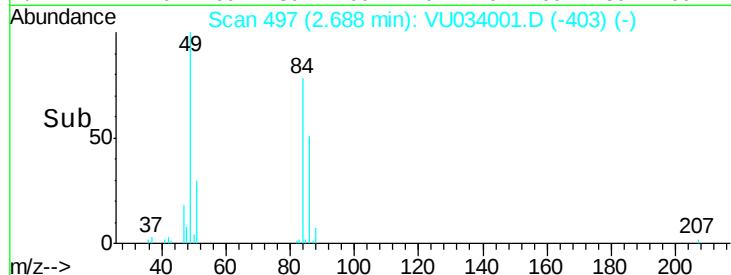
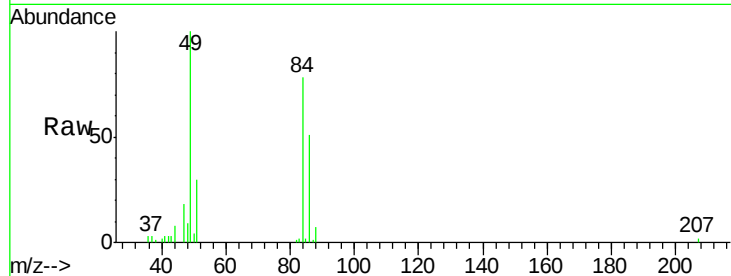
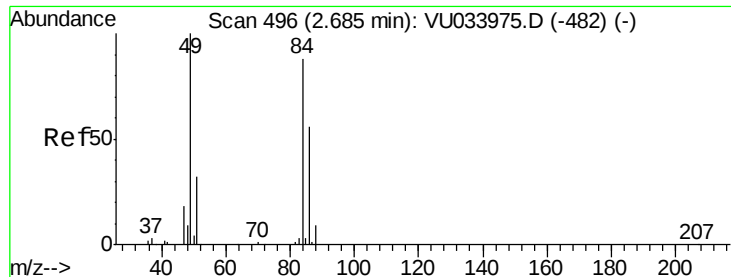
2000

0

2.25 2.30 2.35 2.40

Time-->

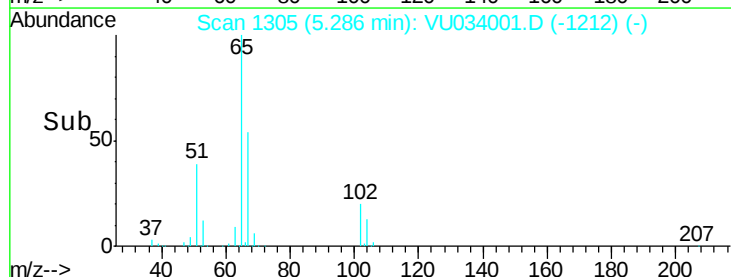
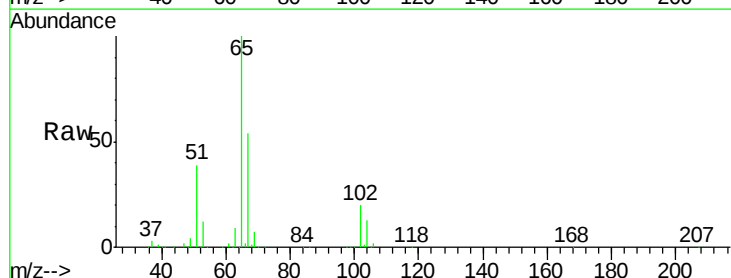
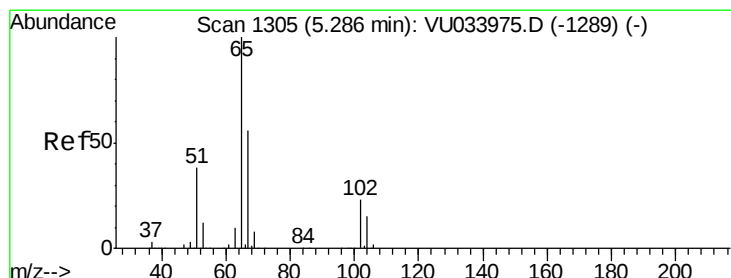
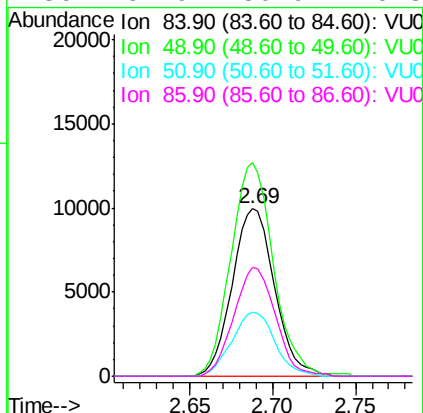




#20
Methvlene Chloride
Concen: 3.491 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034001.D
Acq: 28 Aug 2019 03:51

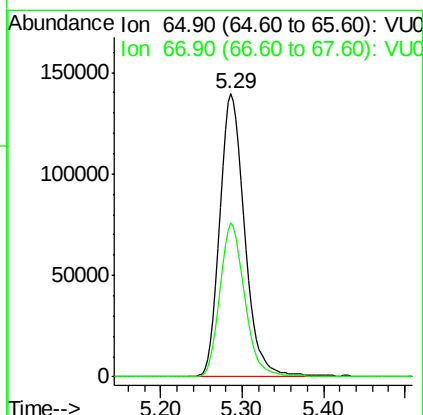
Instrument :
MSVOA_U
ClientSampleId :
T2-S-B3-(0)

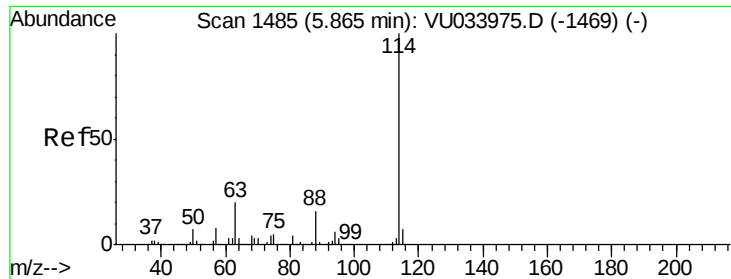
Tot Ion:	84	Resp:	17689
Ion	Ratio	Lower	Upper
84	100		
49	127.6	91.3	136.9
51	38.0	28.9	43.3
86	64.9	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 60.924 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU034001.D
Acq: 28 Aug 2019 03:51

Tgt Ion:	65	Resp:	304021
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.0

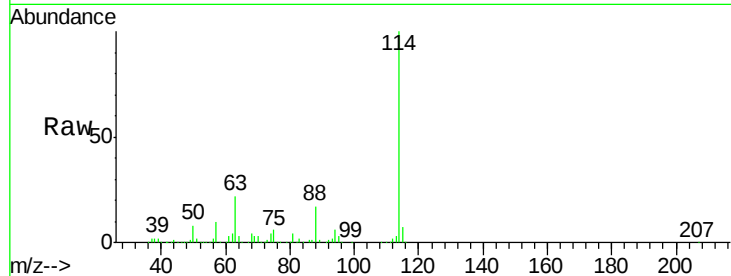




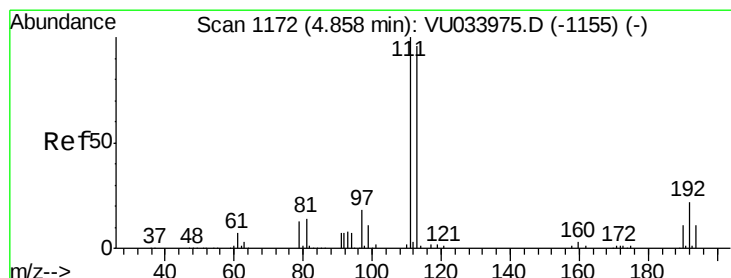
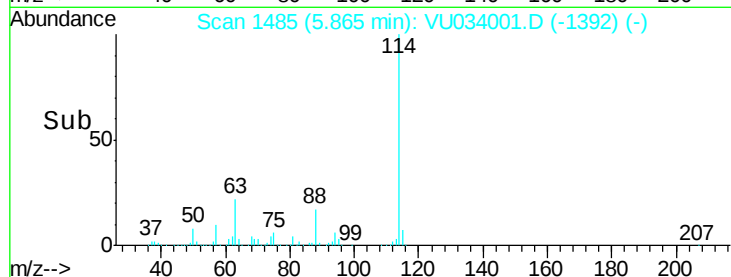
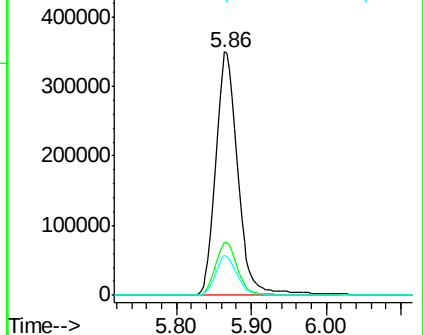
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034001.D
 Acq: 28 Aug 2019 03:51

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-S-B3-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	39.0
88	16.6	0.0	31.2

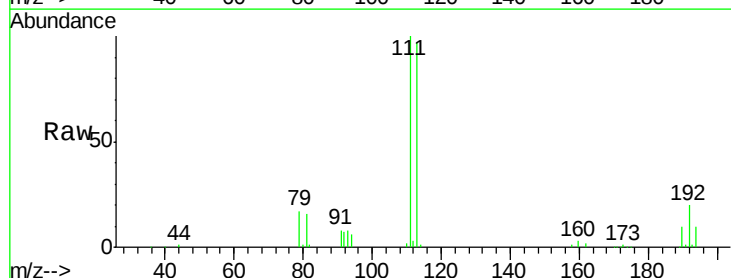


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

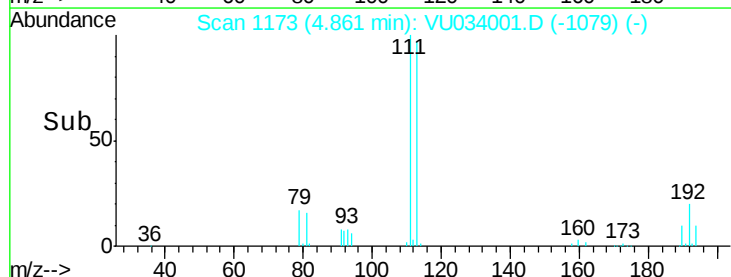
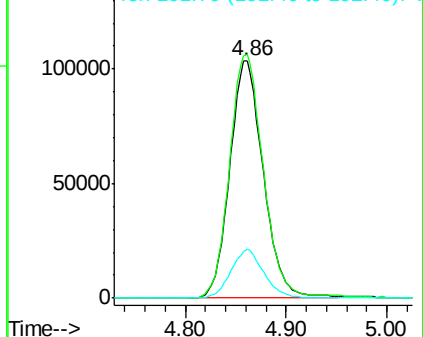


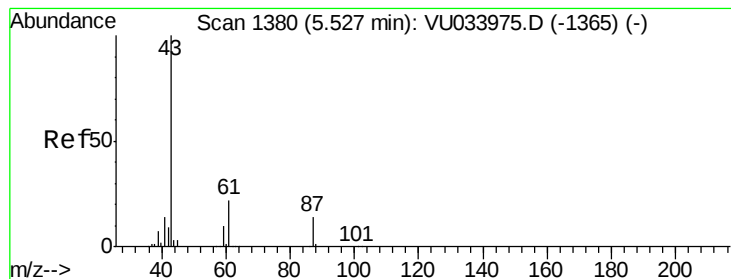
#35
 Dibromofluoromethane
 Concen: 49.320 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034001.D
 Acq: 28 Aug 2019 03:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.7	122.5
192	20.1	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





#43

Isopropyl Acetate

Concen: 8.953 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034001.D

Acq: 28 Aug 2019 03:51

Instrument :

MSVOA_U

ClientSampled :

T2-S-B3-(0)

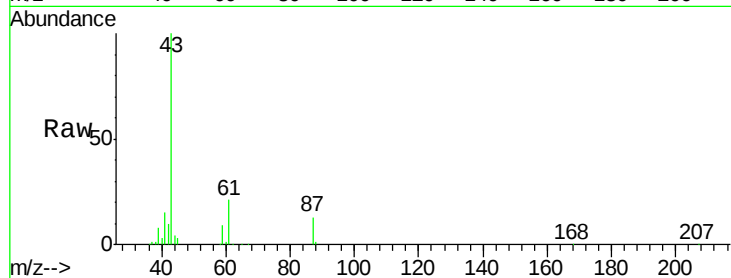
Tot Ion: 43 Resp: 90994

Ion Ratio Lower Upper

43 100

61 19.9 17.8 26.8

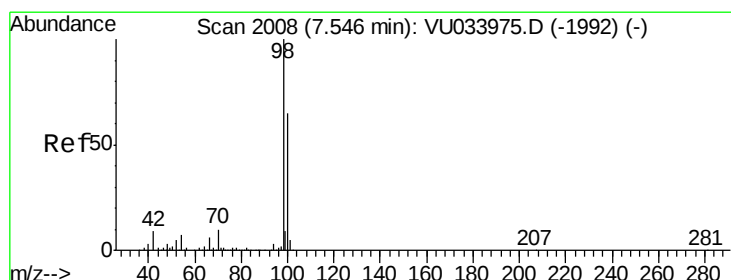
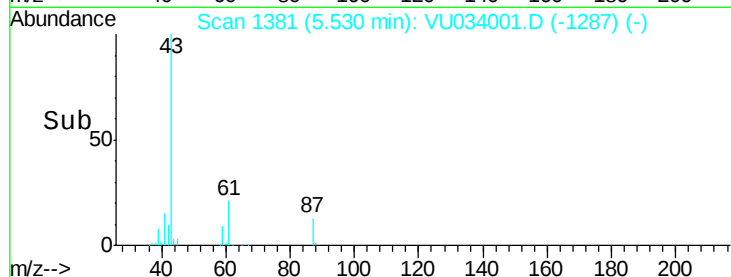
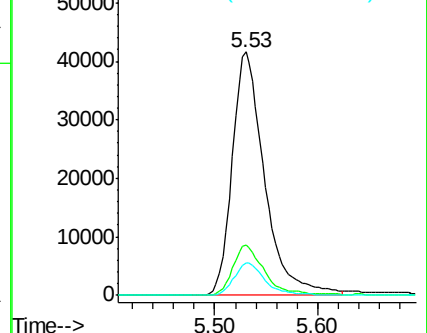
87 12.7 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU033975.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-1365) (-)



#50

Toluene-d8

Concen: 51.975 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034001.D

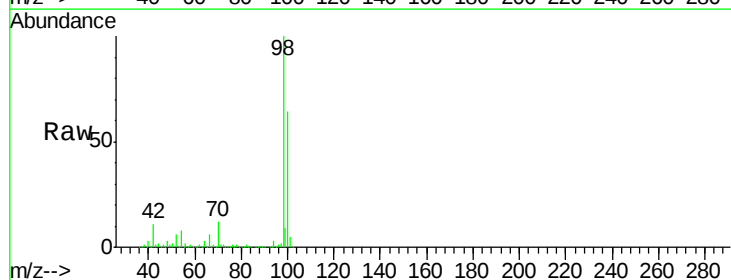
Acq: 28 Aug 2019 03:51

Tgt Ion: 98 Resp: 929840

Ion Ratio Lower Upper

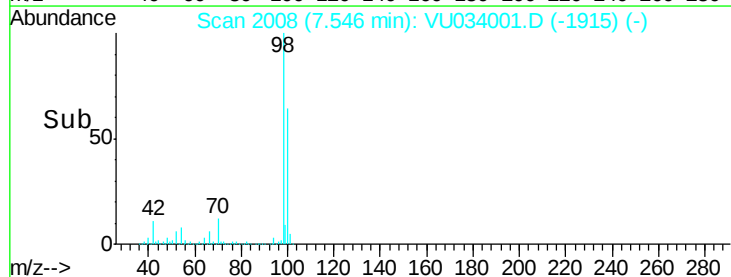
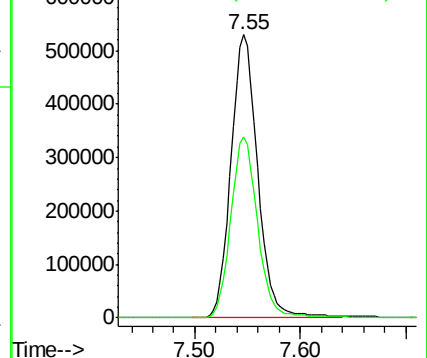
98 100

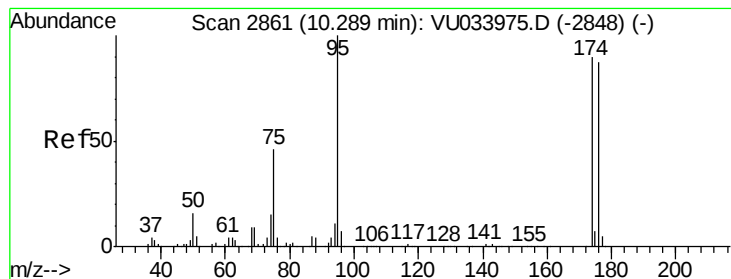
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033975.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU033975.D (-1992) (-)





#62

4-Bromofluorobenzene

Concen: 45.180 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034001.D

Acq: 28 Aug 2019 03:51

Instrument :

MSVOA_U

ClientSampleId :

T2-S-B3-(0)

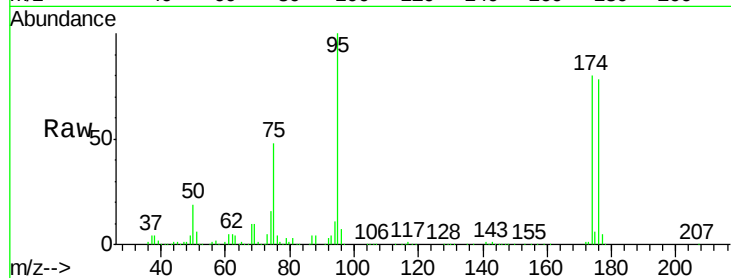
Tot Ion: 95 Resp: 310048

Ion Ratio Lower Upper

95 100

174 82.2 0.0 183.8

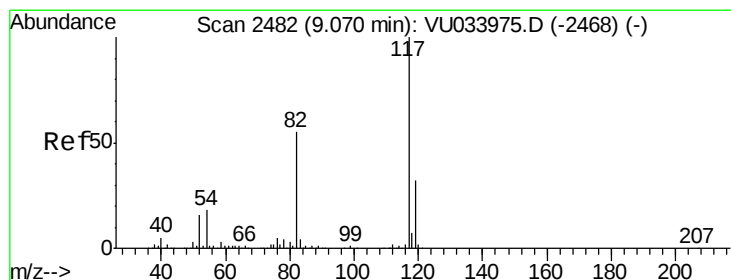
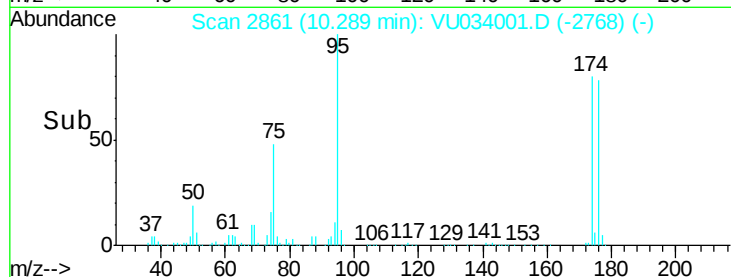
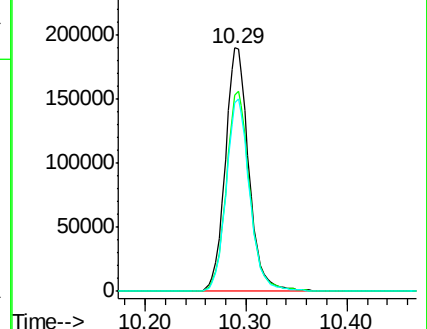
176 79.2 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VU033975.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU033975.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU033975.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034001.D

Acq: 28 Aug 2019 03:51

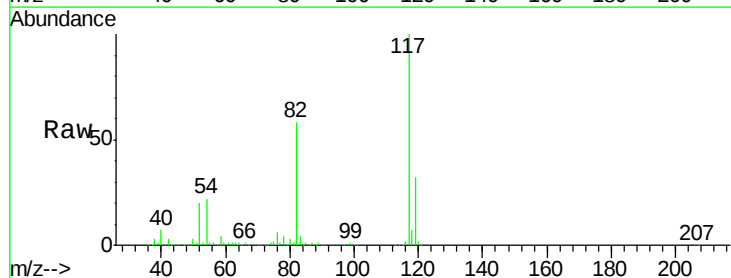
Tgt Ion: 117 Resp: 694349

Ion Ratio Lower Upper

117 100

82 57.9 43.8 65.8

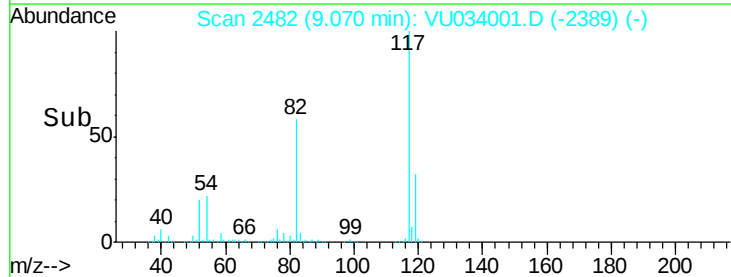
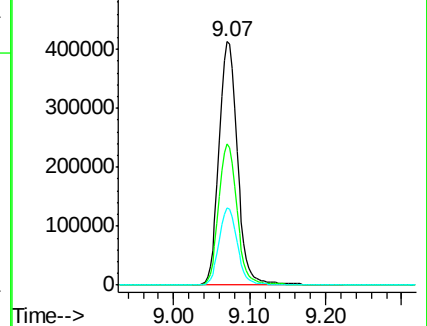
119 31.5 25.7 38.5

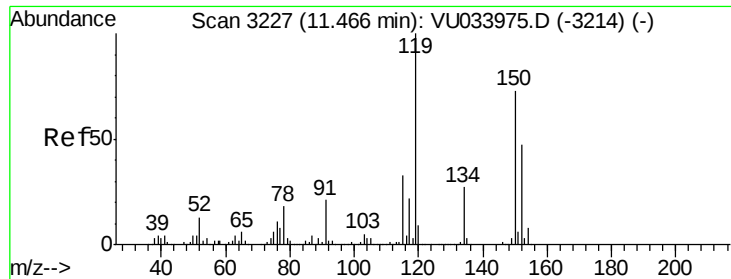


Abundance Ion 116.90 (116.60 to 117.60): VU033975.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU033975.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU033975.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034001.D

Acq: 28 Aug 2019 03:51

Instrument :

MSVOA_U

ClientSampleId :

T2-S-B3-(0)

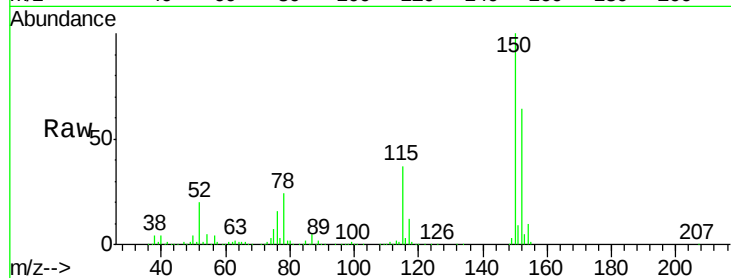
Tot Ion:152 Resp: 287622

Ion Ratio Lower Upper

152 100

115 56.6 38.6 115.7

150 155.4 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

