

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033989.D
 Acq On : 27 Aug 2019 21:53
 Operator : JC/SP
 Sample : K4516-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T1-S-B4-(0)

Quant Time: Aug 28 08:43:00 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

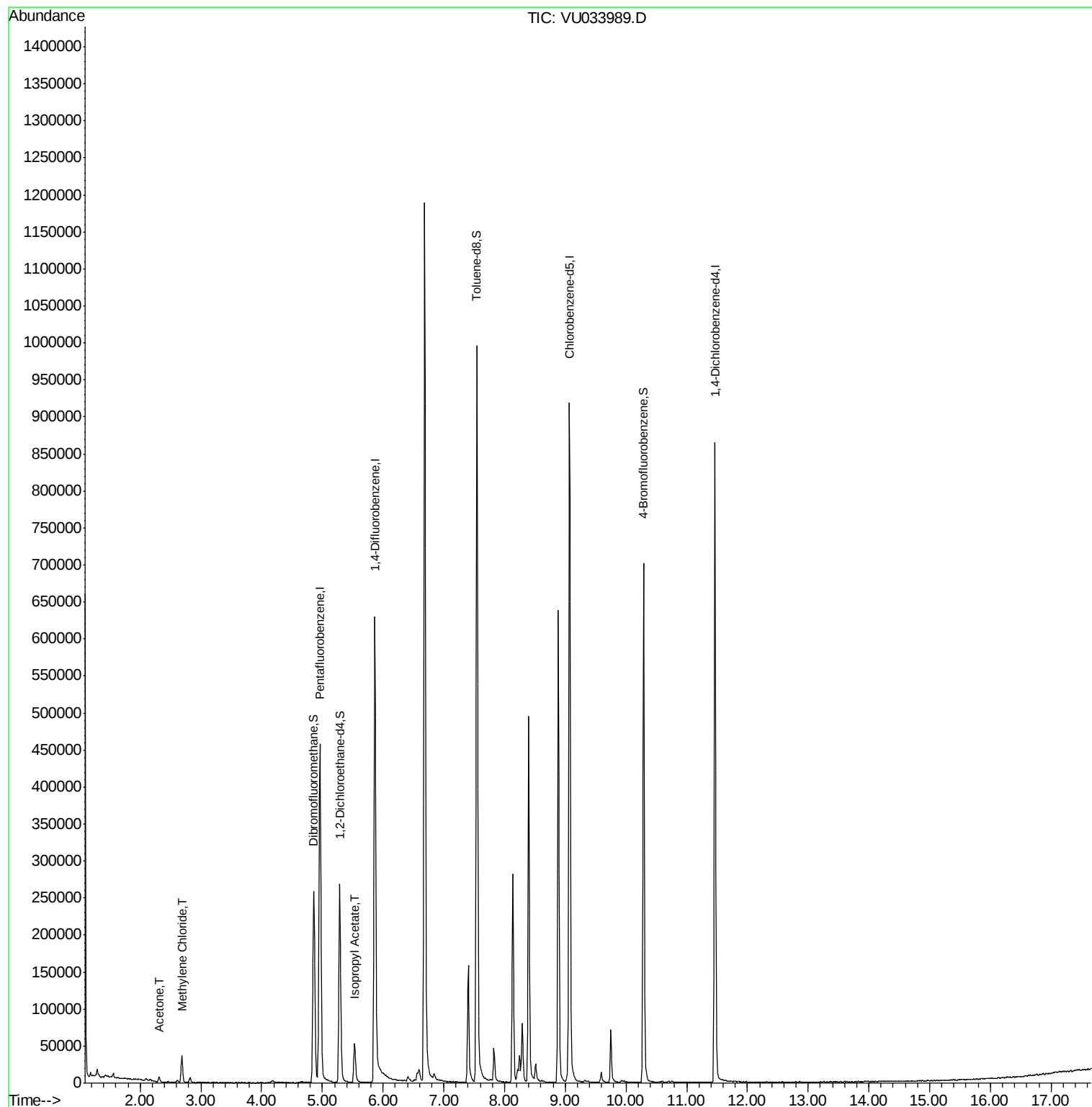
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	388817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	569688	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	545882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	250361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	210943	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	4.86	113	181757	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	7.55	98	712242	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	10.29	95	238072	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
Target Compounds						
16) Acetone	2.31	43	7883	3.813	ug/l	90
20) Methylene Chloride	2.69	84	16131	3.677	ug/l	97
43) Isopropyl Acetate	5.53	43	62885	7.837	ug/l	98

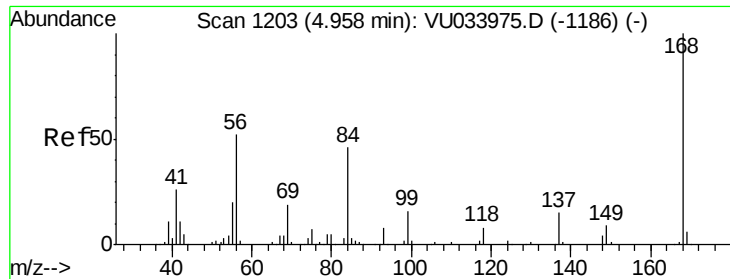
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU033989.D

Acq: 27 Aug 2019 21:53

Instrument :

MSVOA_U

ClientSampleId :

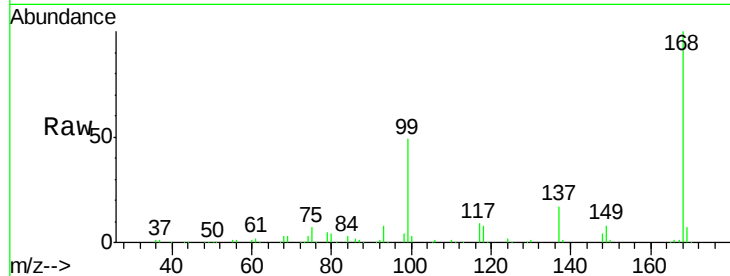
T1-S-B4-(0)

Tot Ion:168 Resp: 388817

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

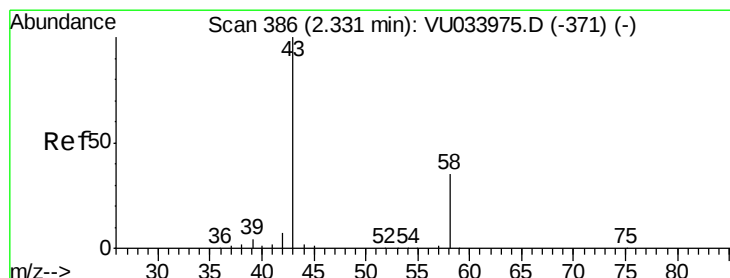
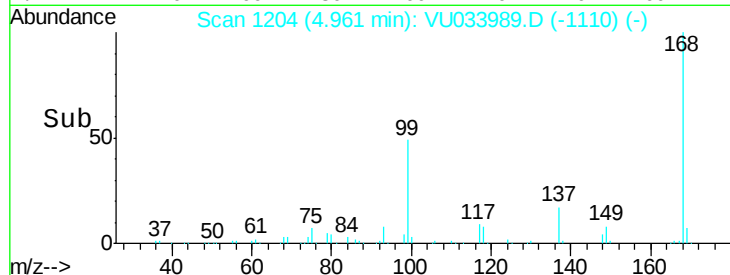
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.813 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033989.D

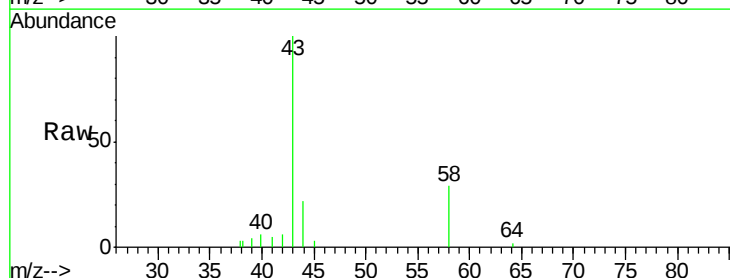
Acq: 27 Aug 2019 21:53

Tgt Ion: 43 Resp: 7883

Ion Ratio Lower Upper

43 100

58 29.5 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

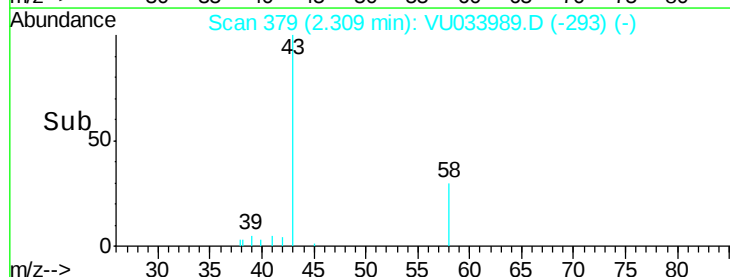
3000

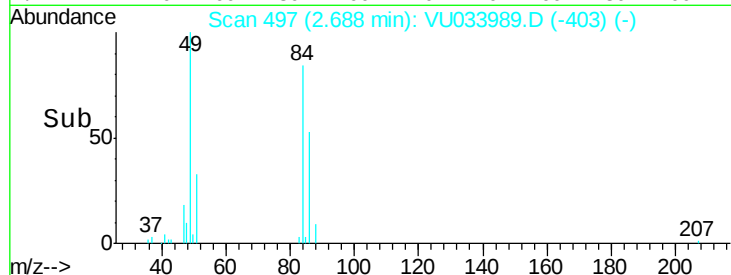
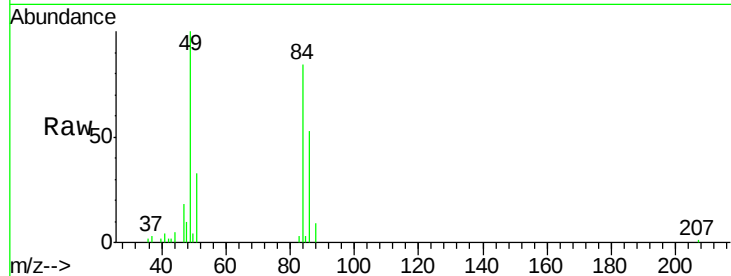
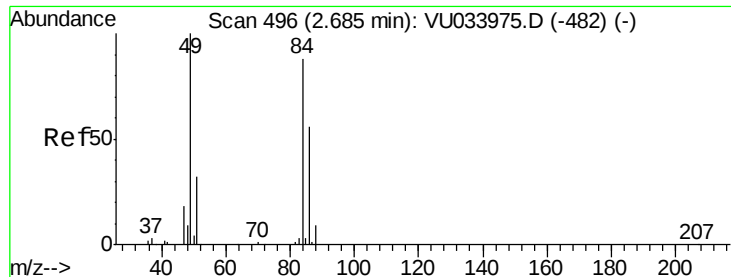
2000

1000

0

Time-->

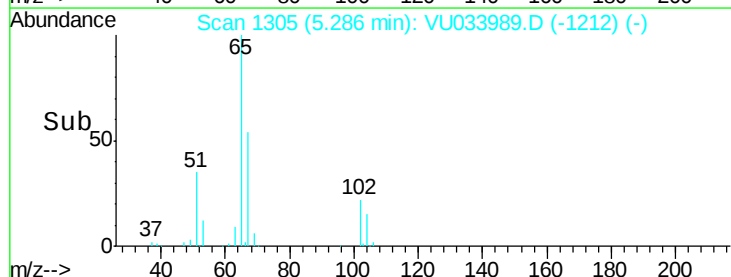
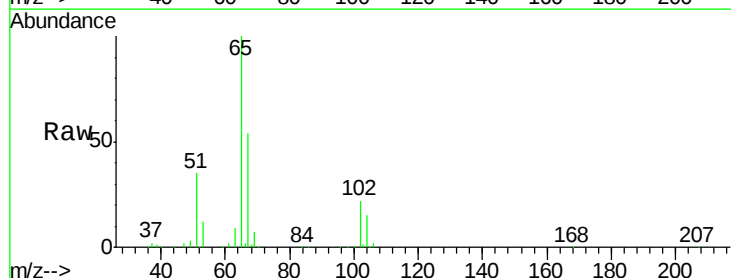
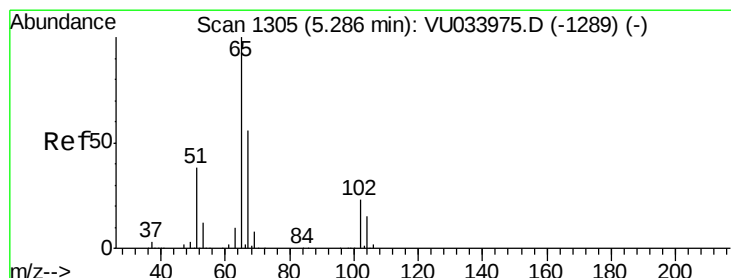
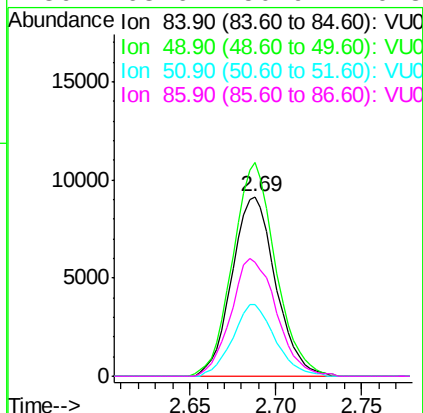




#20
Methvlene Chloride
Concen: 3.677 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU033989.D
Acq: 27 Aug 2019 21:53

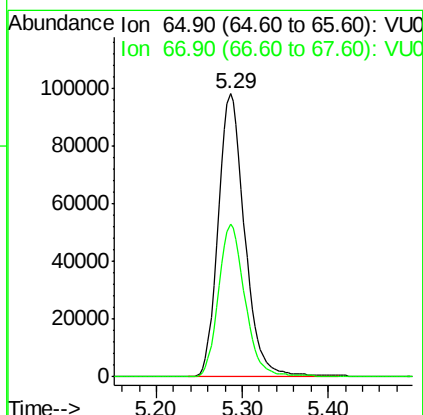
Instrument :
MSVOA_U
ClientSampleId :
T1-S-B4-(0)

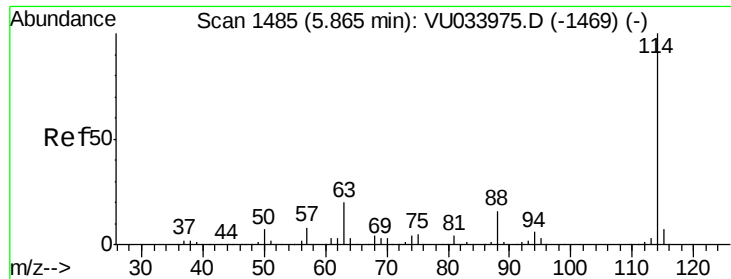
Tot Ion:	84	Resp:	16131
Ion	Ratio	Lower	Upper
84	100		
49	119.0	91.3	136.9
51	39.6	28.9	43.3
86	63.6	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 48.834 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU033989.D
Acq: 27 Aug 2019 21:53

Tgt Ion:	65	Resp:	210943
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.0

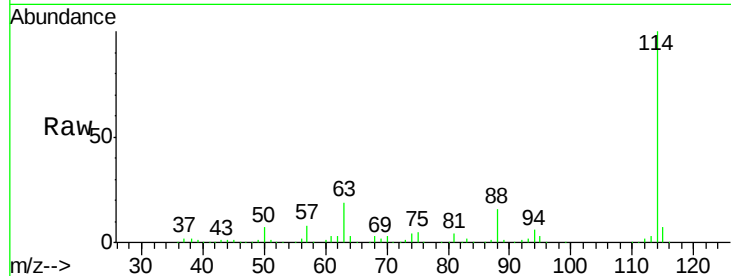




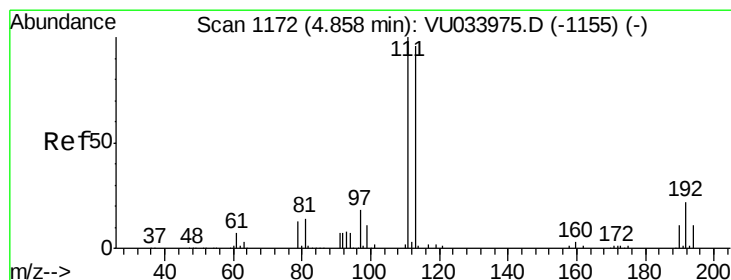
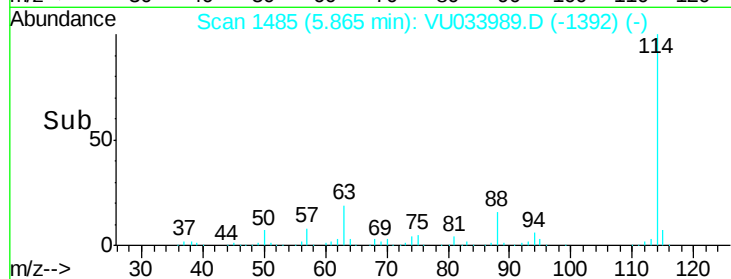
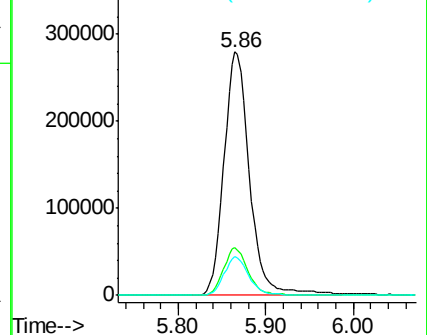
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU033989.D
 Acq: 27 Aug 2019 21:53

Instrument :
 MSVOA_U
 ClientSampleId :
 T1-S-B4-(0)

Tot Ion:114 Resp: 569688
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.8 0.0 31.2

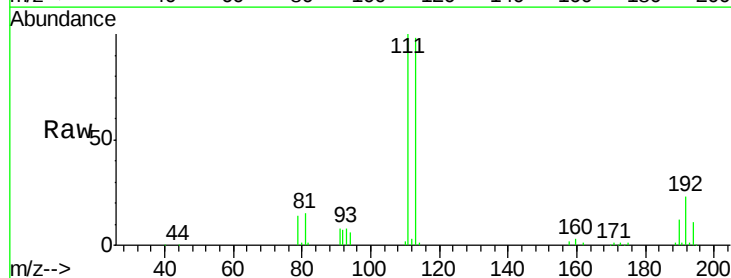


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

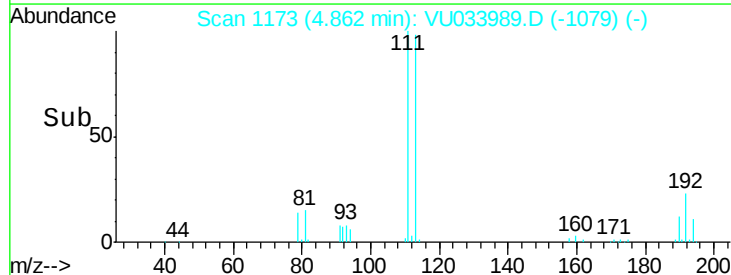
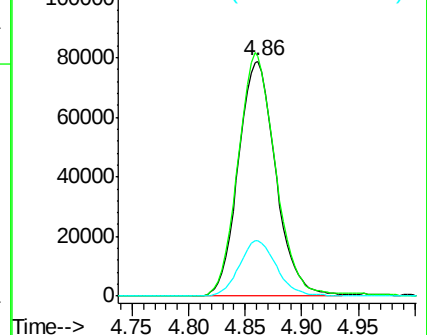


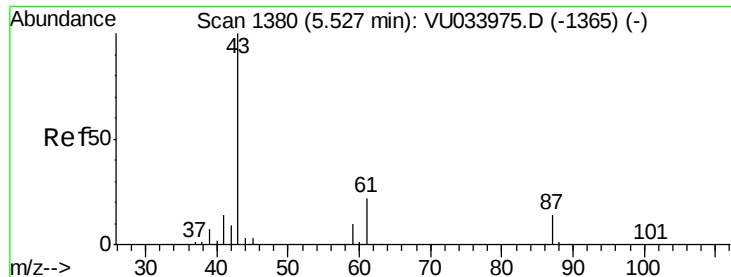
#35
 Dibromofluoromethane
 Concen: 47.463 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU033989.D
 Acq: 27 Aug 2019 21:53

Tgt Ion:113 Resp: 181757
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.7 122.5
 192 23.4 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: 7.837 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU033989.D

Acq: 27 Aug 2019 21:53

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B4-(0)

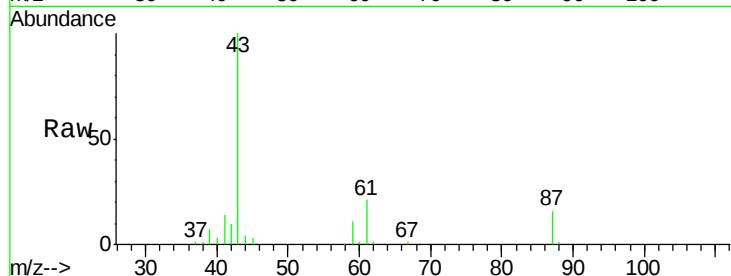
Tot Ion: 43 Resp: 62885

Ion Ratio Lower Upper

43 100

61 20.9 17.8 26.8

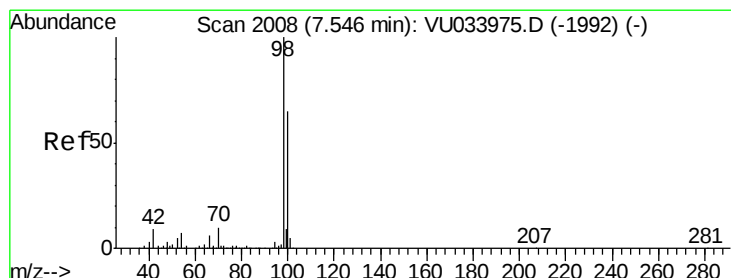
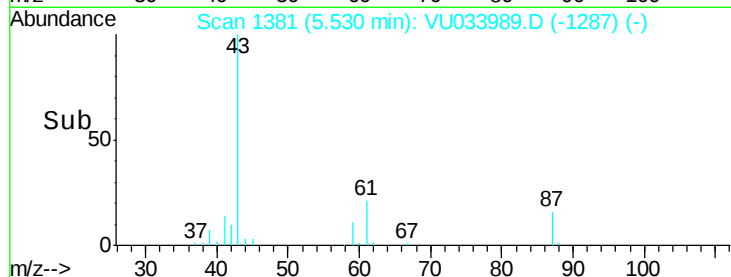
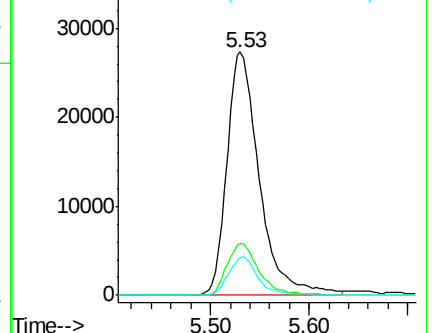
87 14.2 11.9 17.9



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: 50.426 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033989.D

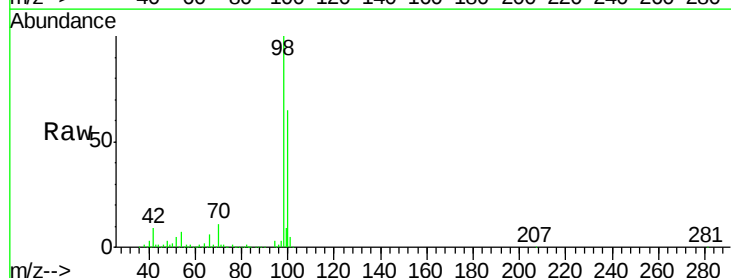
Acq: 27 Aug 2019 21:53

Tgt Ion: 98 Resp: 712242

Ion Ratio Lower Upper

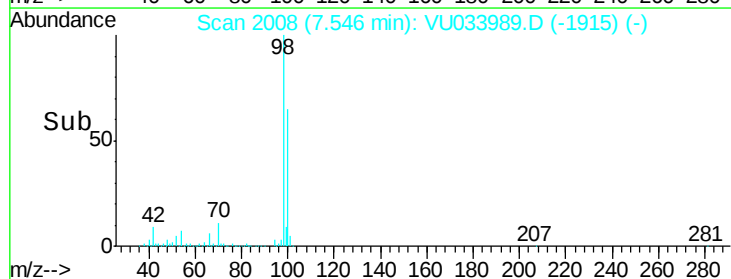
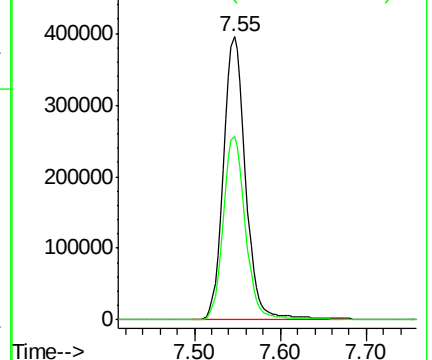
98 100

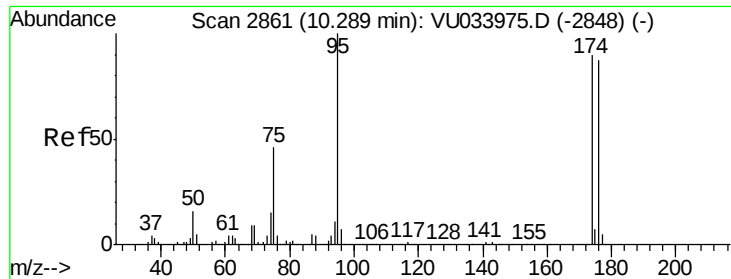
100 65.0 51.5 77.3



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: 43.940 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033989.D

Acq: 27 Aug 2019 21:53

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B4-(0)

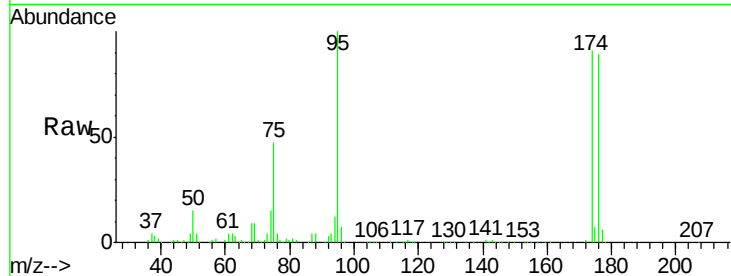
Tot Ion: 95 Resp: 238072

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.8

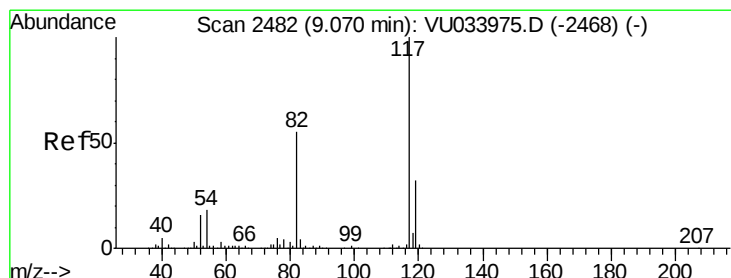
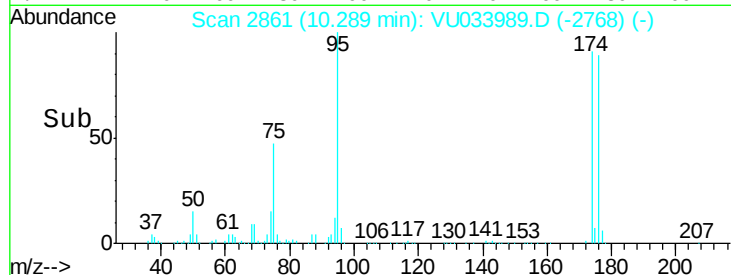
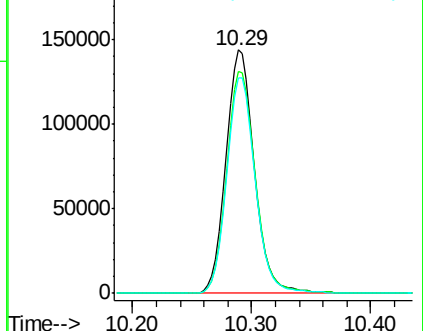
176 89.0 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VU033989.D (-2389) (-)

Ion 173.80 (173.50 to 174.50): VU033989.D (-2389) (-)

Ion 175.80 (175.50 to 176.50): VU033989.D (-2389) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU033989.D

Acq: 27 Aug 2019 21:53

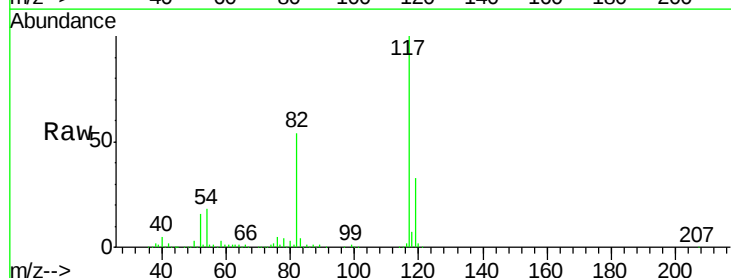
Tgt Ion: 117 Resp: 545882

Ion Ratio Lower Upper

117 100

82 53.7 43.8 65.8

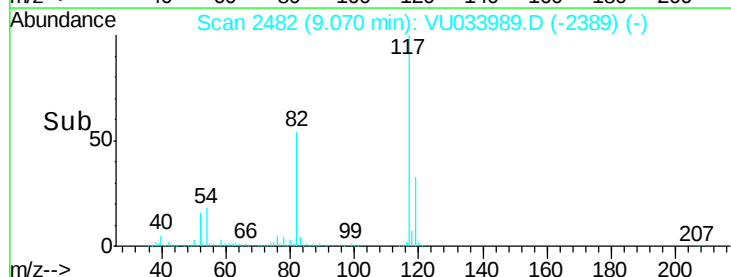
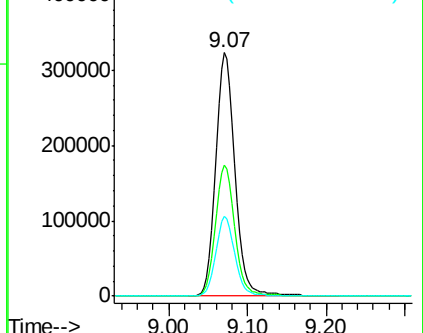
119 32.9 25.7 38.5

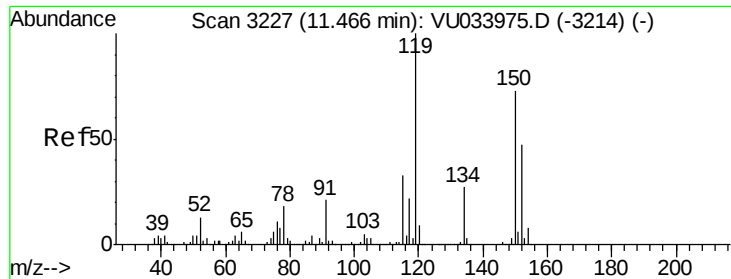


Abundance Ion 116.90 (116.60 to 117.60): VU033989.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU033989.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU033989.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU033989.D

Acq: 27 Aug 2019 21:53

Instrument :

MSVOA_U

ClientSampleId :

T1-S-B4-(0)

Tot Ion:152 Resp: 250361

Ion Ratio Lower Upper

152 100

115 54.6 38.6 115.7

150 158.1 0.0 343.8

