

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029202.D
 Acq On : 16 Jan 2019 12:16
 Operator : JC/SP
 Sample : K1147-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

Quant Time: Jan 17 01:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

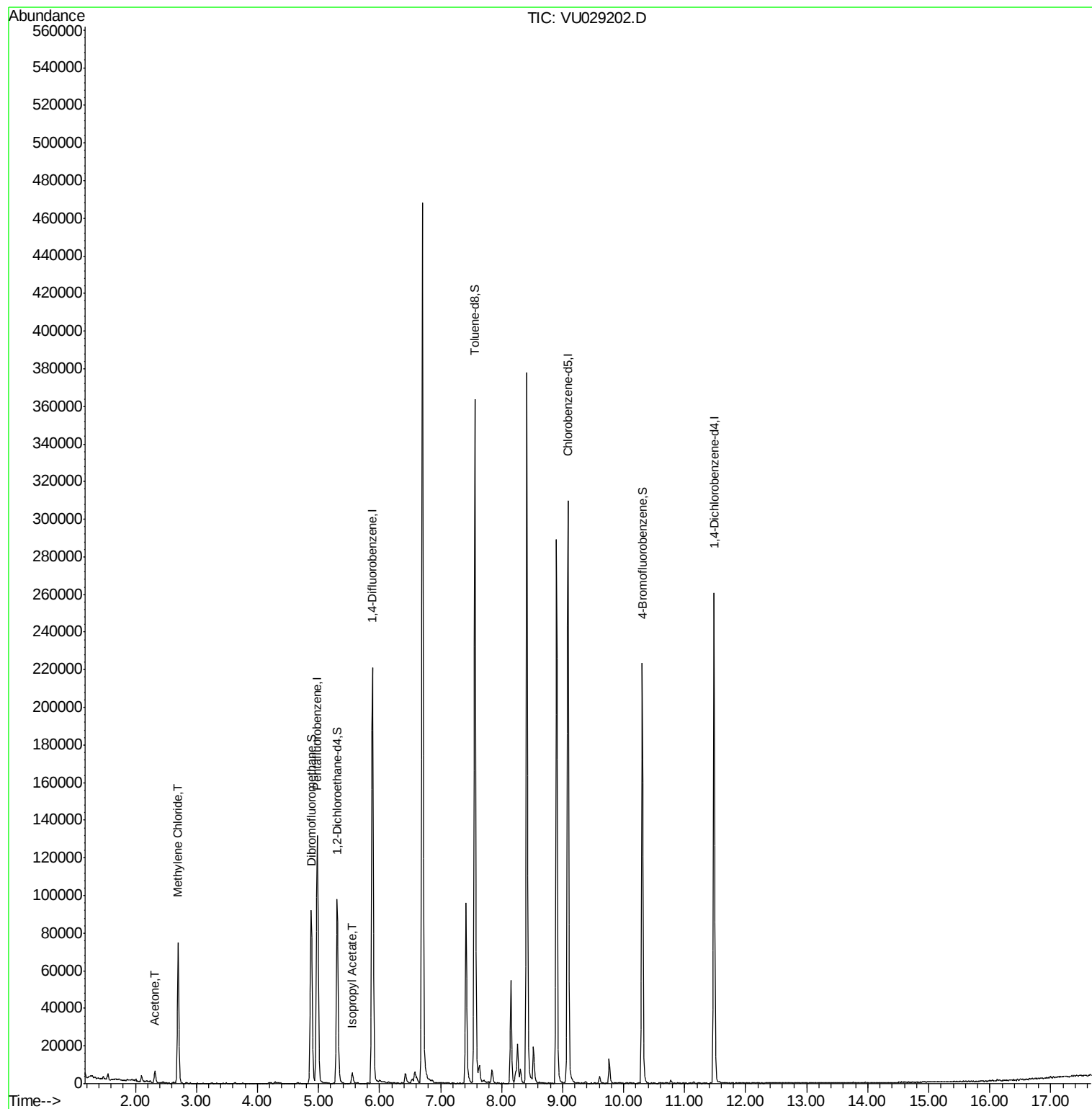
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	189362	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75173	56.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.88%	
35) Dibromofluoromethane	4.88	113	64532	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	7.56	98	247437	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	10.30	95	75931	43.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.20%	
Target Compounds						
16) Acetone	2.32	43	7361	8.773	ug/l	96
20) Methylene Chloride	2.70	84	33417	23.456	ug/l	97
43) Isopropyl Acetate	5.55	43	6851	2.150	ug/l #	93

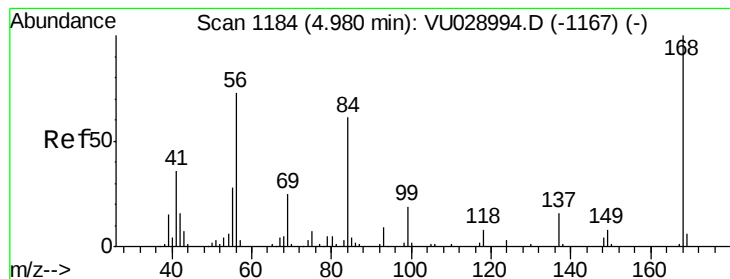
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029202.D

Acq: 16 Jan 2019 12:16

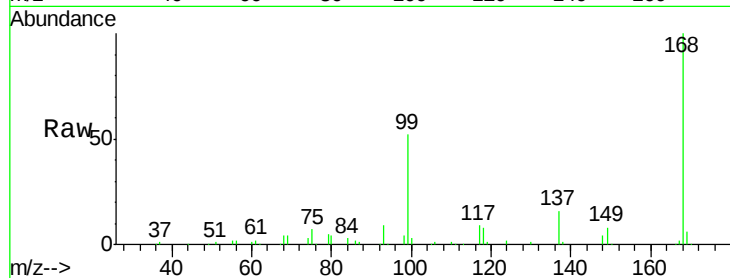
Instrument :
MSVOA_U
ClientSampled :
TP-4

Tot Ion:168 Resp: 107748

Ion Ratio Lower Upper

168 100

99 51.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

20000

10000

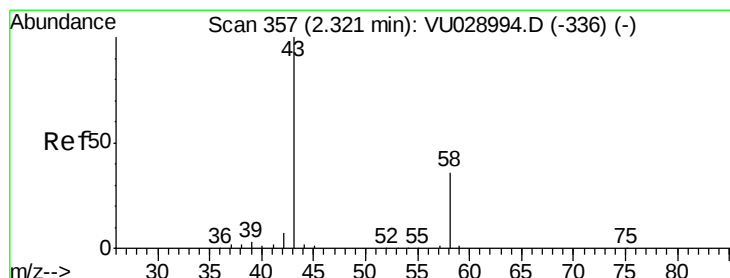
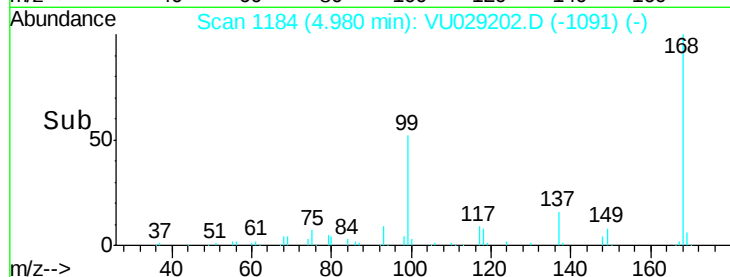
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 8.773 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029202.D

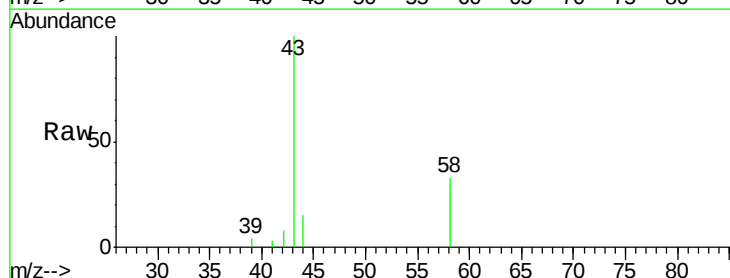
Acq: 16 Jan 2019 12:16

Tgt Ion: 43 Resp: 7361

Ion Ratio Lower Upper

43 100

58 33.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

5000

4000

3000

2000

1000

0

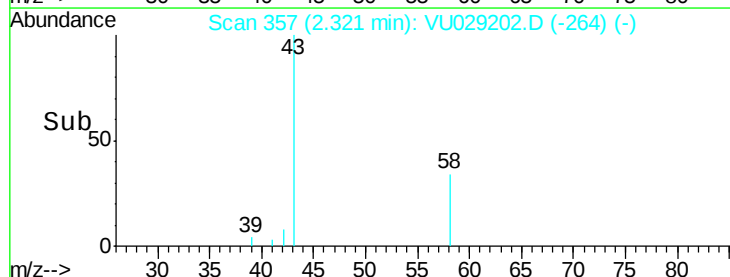
2.25

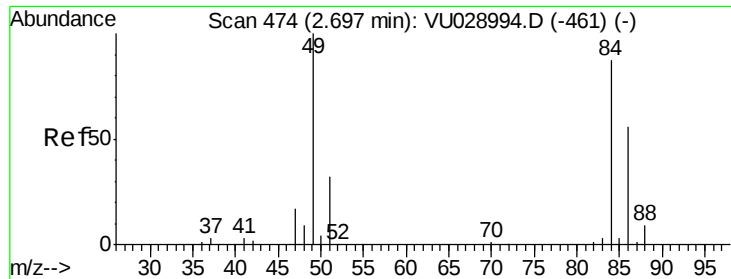
2.30

2.35

2.40

Time-->

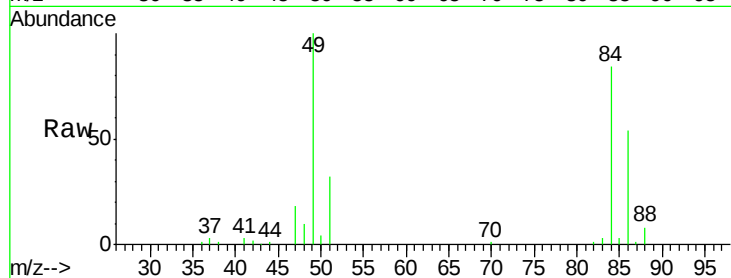




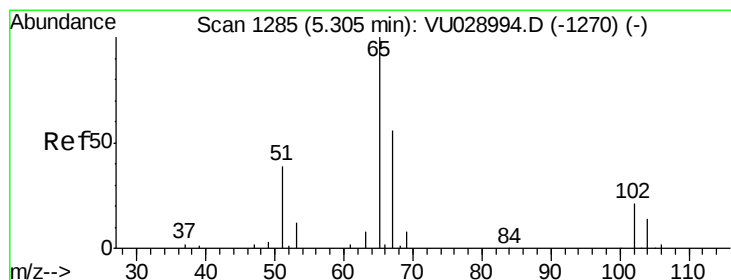
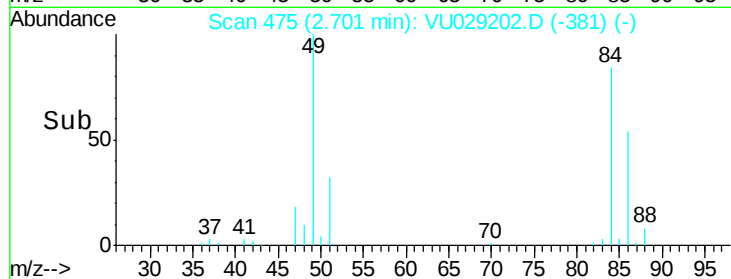
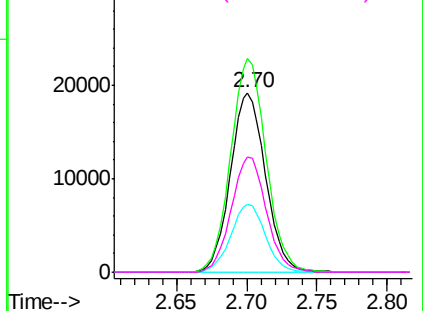
#20
Methvlene Chloride
Concen: 23.456 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029202.D
Acq: 16 Jan 2019 12:16

Instrument :
MSVOA_U
ClientSampled :
TP-4

Tot Ion: 84 Resp: 33417
Ion Ratio Lower Upper
84 100
49 119.0 91.9 137.9
51 38.2 29.2 43.8
86 64.1 51.8 77.6

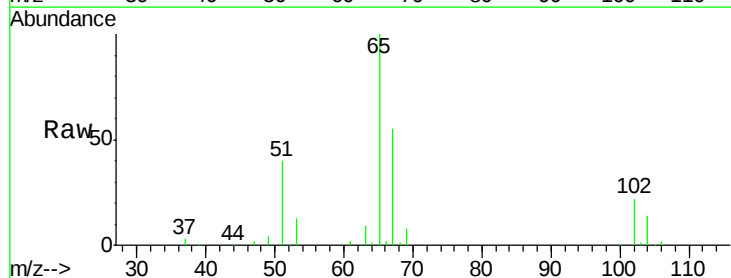


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

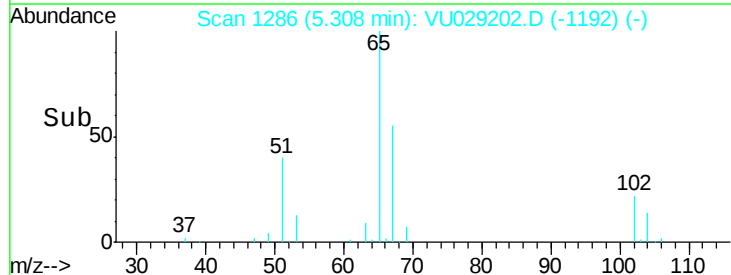
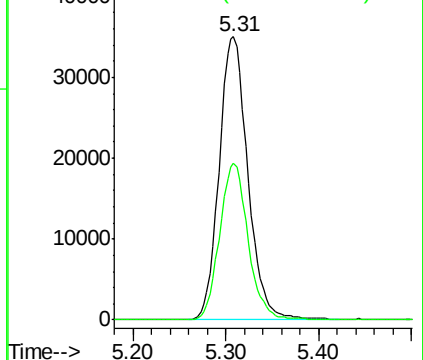


#33
1,2-Dichloroethane-d4
Concen: 56.437 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029202.D
Acq: 16 Jan 2019 12:16

Tgt Ion: 65 Resp: 75173
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

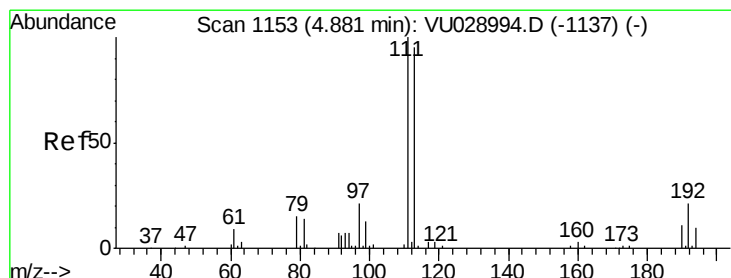
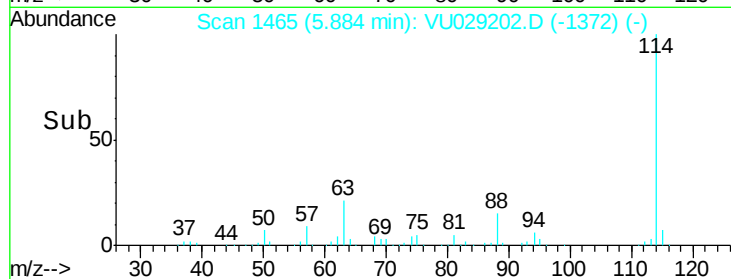
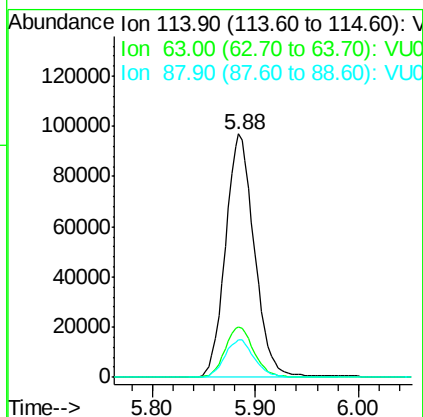
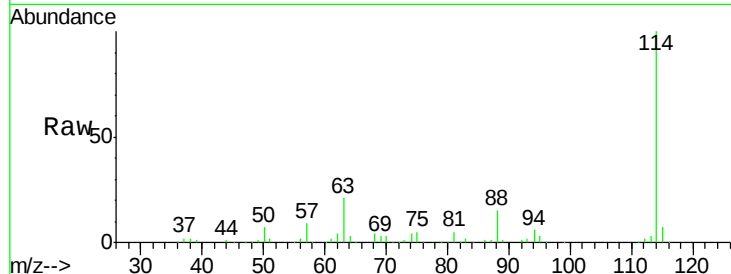




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029202.D
 Acq: 16 Jan 2019 12:16

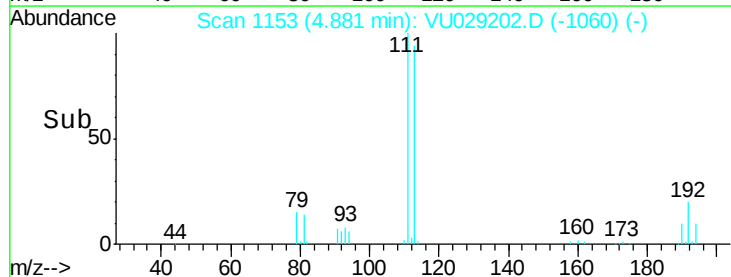
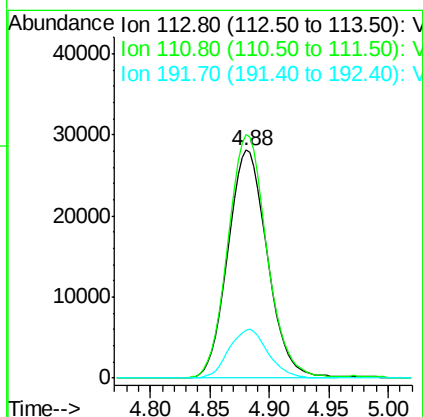
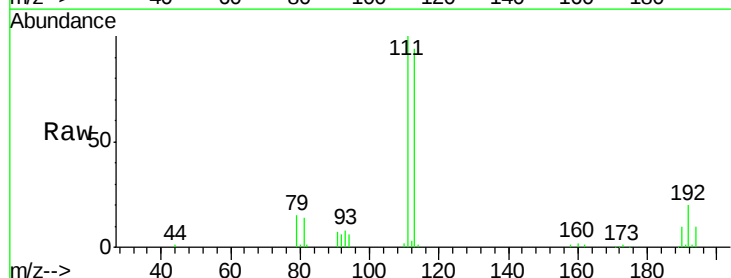
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

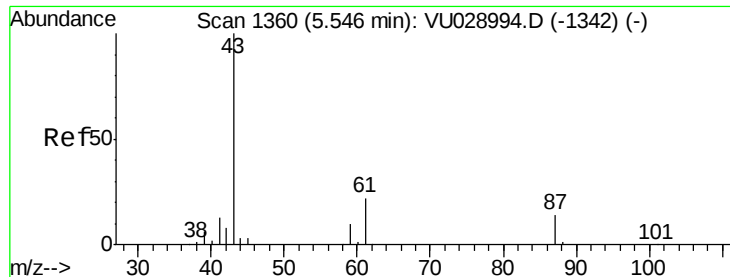
Tot Ion:114 Resp: 189362
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.572 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029202.D
 Acq: 16 Jan 2019 12:16

Tgt Ion:113 Resp: 64532
 Ion Ratio Lower Upper
 113 100
 111 105.8 81.4 122.2
 192 21.2 16.8 25.2





#43

Isopropyl Acetate

Concen: 2.150 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029202.D

Acq: 16 Jan 2019 12:16

Instrument :

MSVOA_U

ClientSampleId :

TP-4

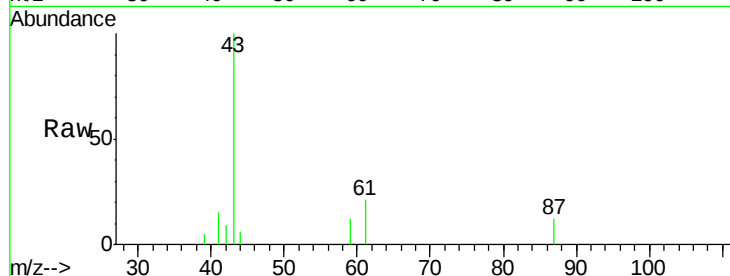
Tot Ion: 43 Resp: 6851

Ion Ratio Lower Upper

43 100

61 19.0 17.8 26.6

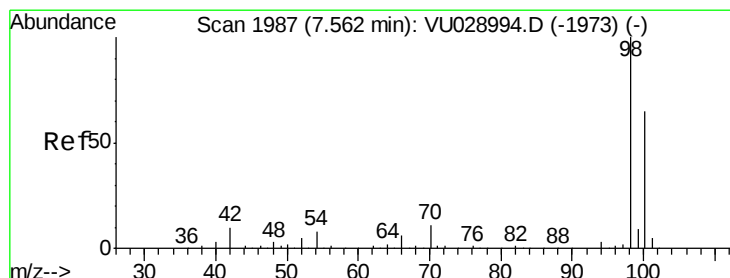
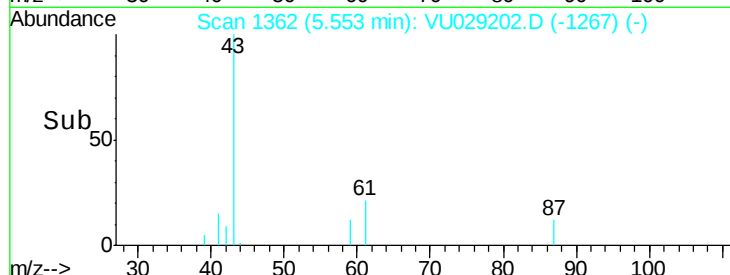
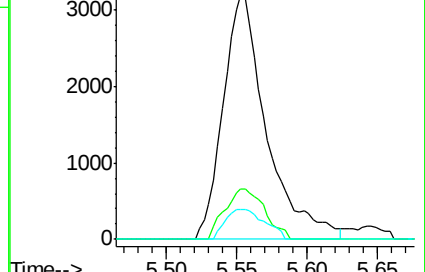
87 11.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU029202.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029202.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029202.D (-1267) (-)



#50

Toluene-d8

Concen: 51.060 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029202.D

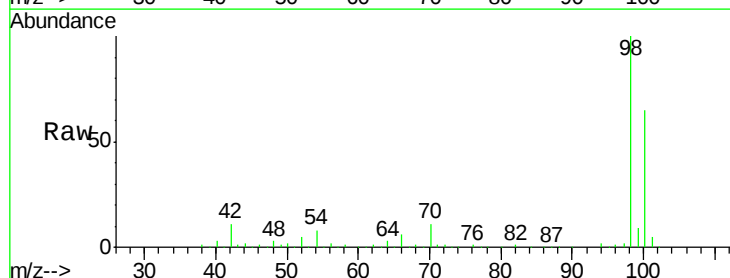
Acq: 16 Jan 2019 12:16

Tgt Ion: 98 Resp: 247437

Ion Ratio Lower Upper

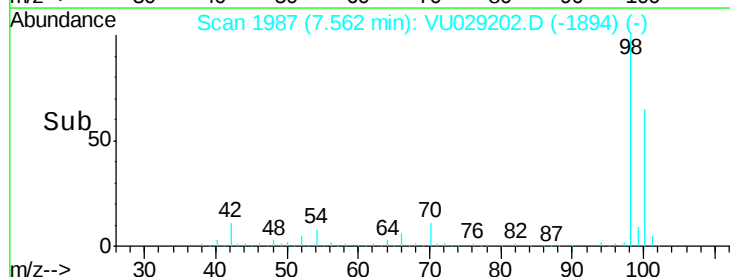
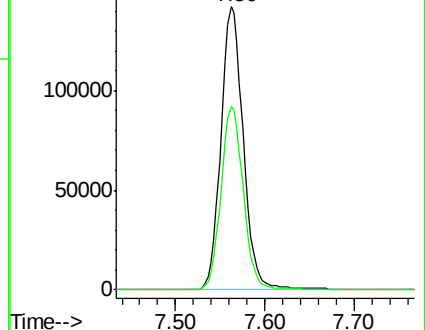
98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029202.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029202.D (-1894) (-)

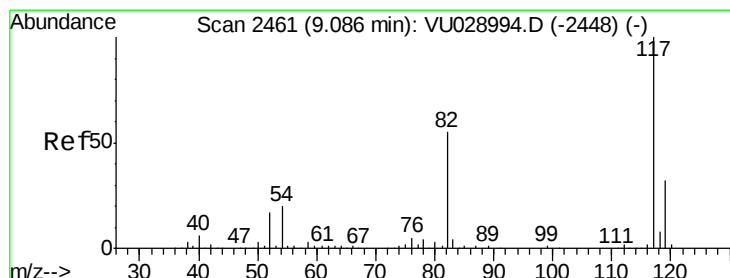
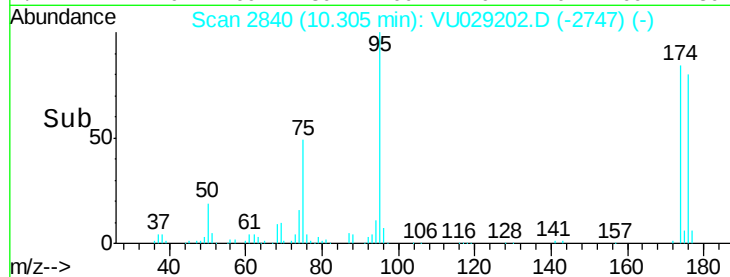
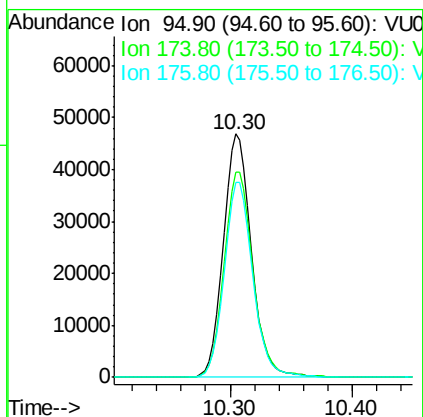
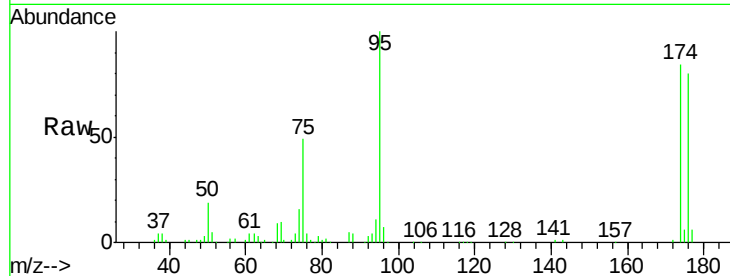




#62
4-Bromofluorobenzene
Concen: 43.599 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029202.D
Acq: 16 Jan 2019 12:16

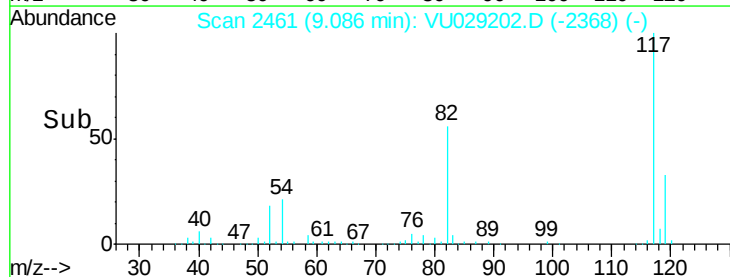
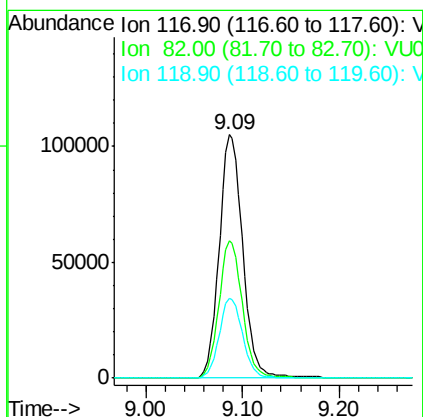
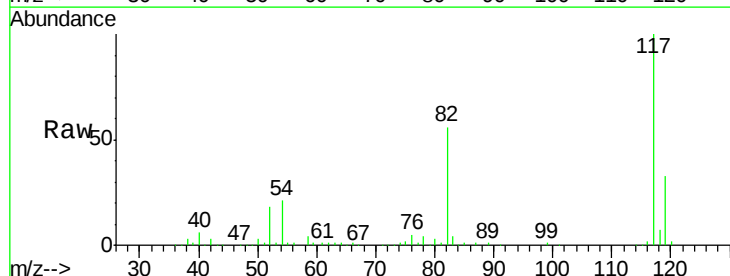
Instrument :
MSVOA_U
ClientSampleId :
TP-4

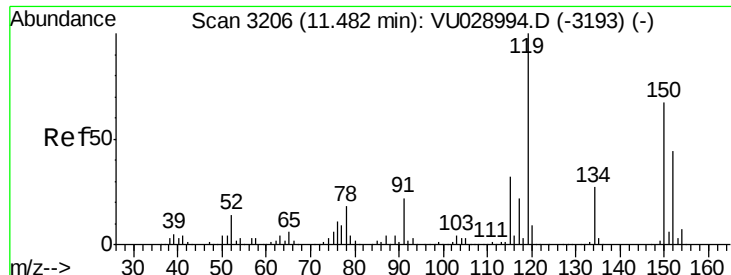
Tot Ion: 95 Resp: 75931
Ion Ratio Lower Upper
95 100
174 86.8 0.0 170.6
176 81.4 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029202.D
Acq: 16 Jan 2019 12:16

Tgt Ion: 117 Resp: 177592
Ion Ratio Lower Upper
117 100
82 56.2 43.9 65.9
119 32.8 26.0 39.0

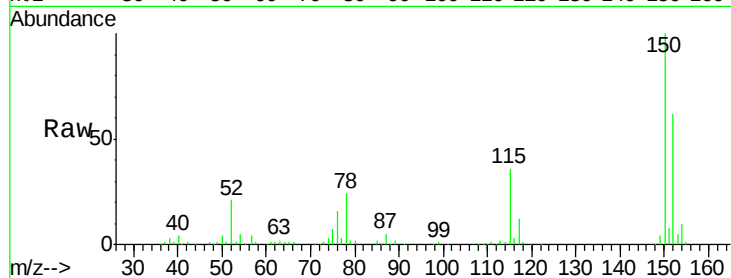




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029202.D
 Acq: 16 Jan 2019 12:16

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

Tot Ion:152 Resp: 70234
 Ion Ratio Lower Upper
 152 100
 115 56.5 40.1 120.3
 150 159.2 0.0 345.2



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

