

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028029.D
 Acq On : 08 Nov 2018 16:24
 Operator : MD/SY
 Sample : J5838-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HC-SOIL-2

Quant Time: Nov 08 16:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

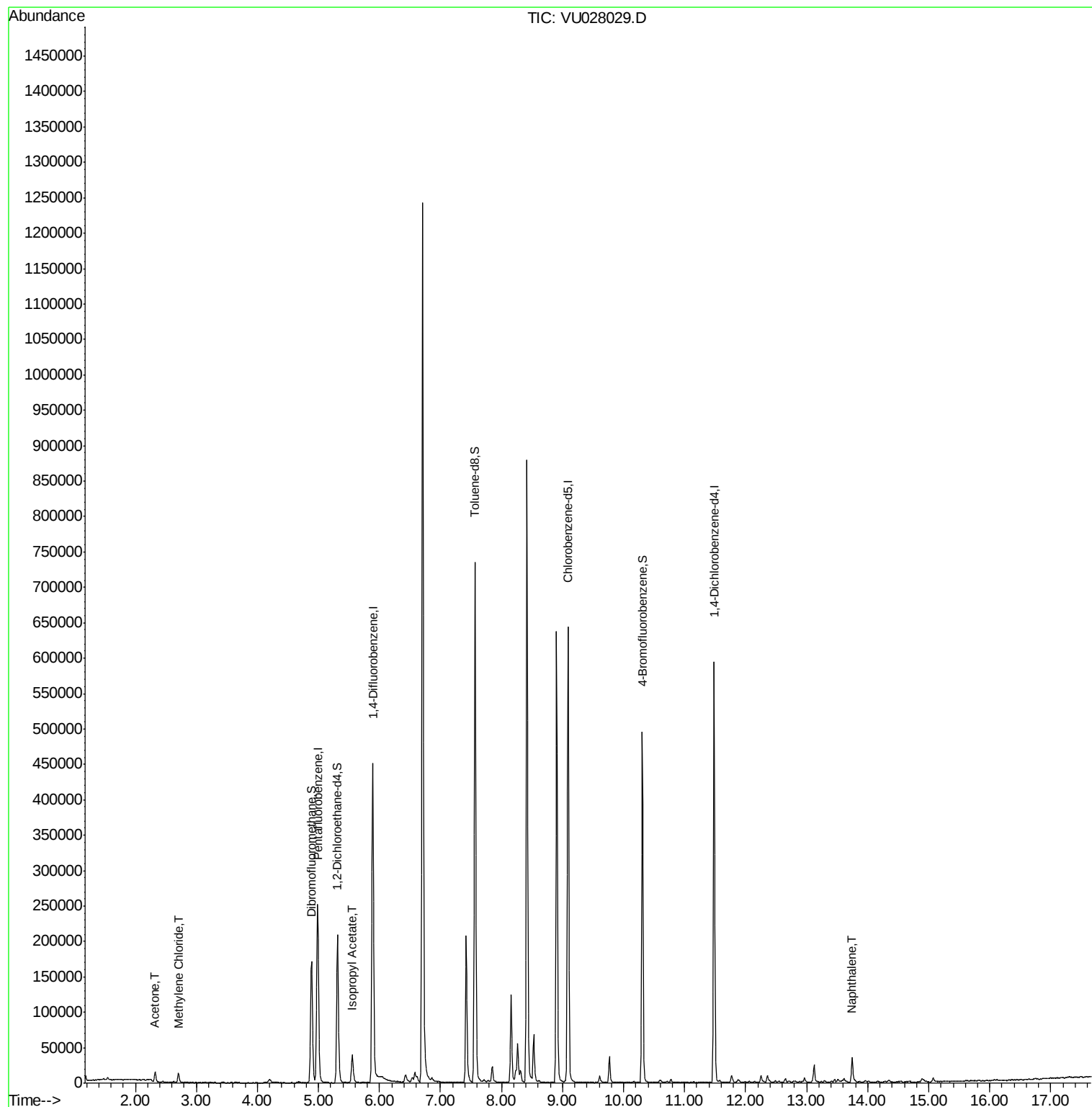
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	363435	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	334530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	143793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161561	57.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.68%	
35) Dibromofluoromethane	4.89	113	118446	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	7.57	98	476429	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	10.31	95	159568	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
Target Compounds						
16) Acetone	2.32	43	14855	8.498	ug/l	94
20) Methylene Chloride	2.70	84	5871	2.300	ug/l	99
43) Isopropyl Acetate	5.55	43	50278	5.754	ug/l	97
95) Naphthalene	13.75	128	29411	2.321	ug/l	98

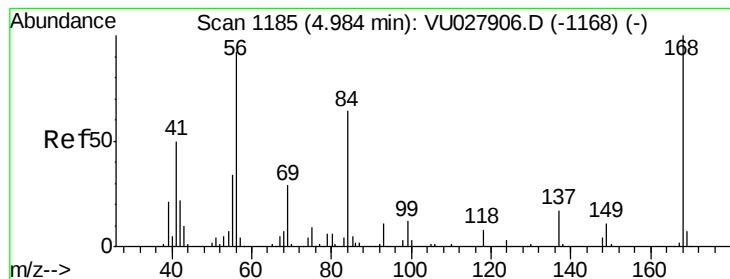
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028029.D

Acq: 08 Nov 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

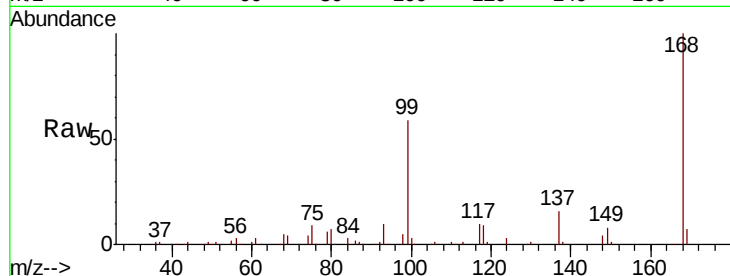
HC-SOIL-2

Tot Ion:168 Resp: 189504

Ion Ratio Lower Upper

168 100

99 59.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028029.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028029.D (-1092) (-)

4.99

80000

60000

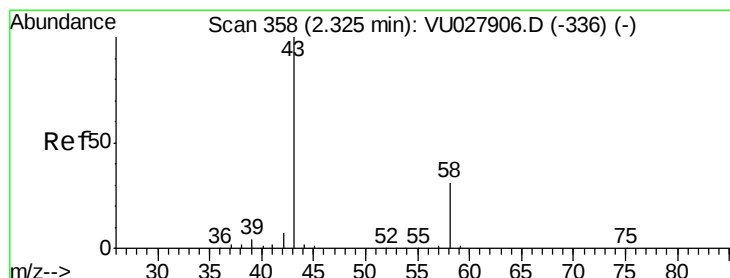
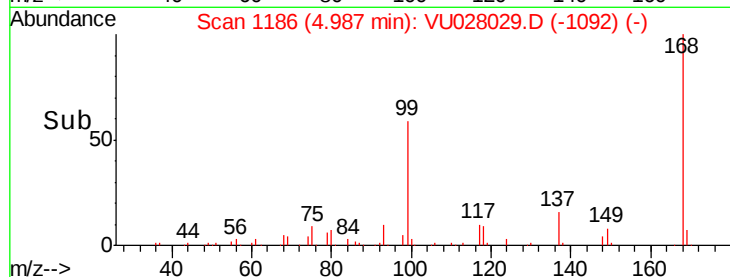
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 8.498 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028029.D

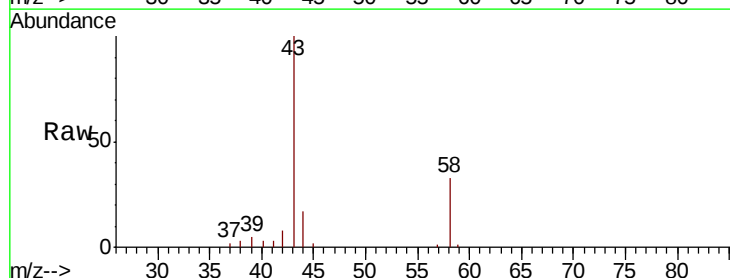
Acq: 08 Nov 2018 16:24

Tgt Ion: 43 Resp: 14855

Ion Ratio Lower Upper

43 100

58 34.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028029.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028029.D (-265) (-)

2.32

10000

8000

6000

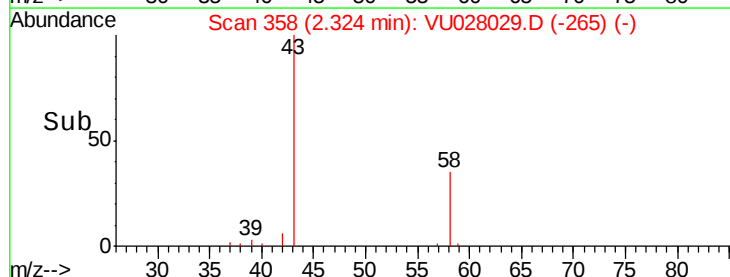
4000

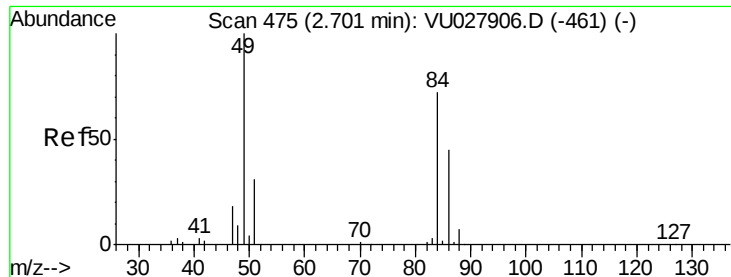
2000

0

Time-->

2.30 2.35 2.40

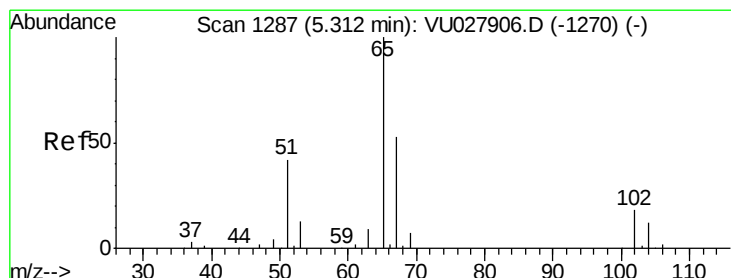
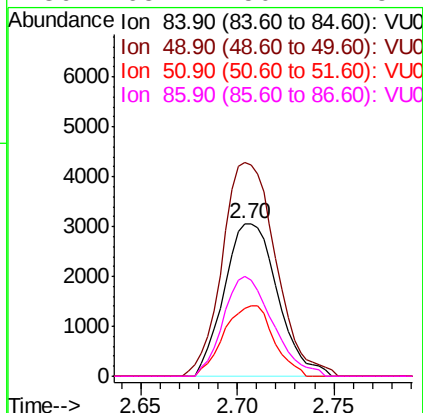
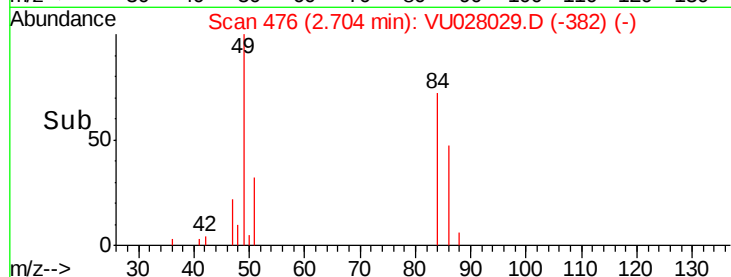
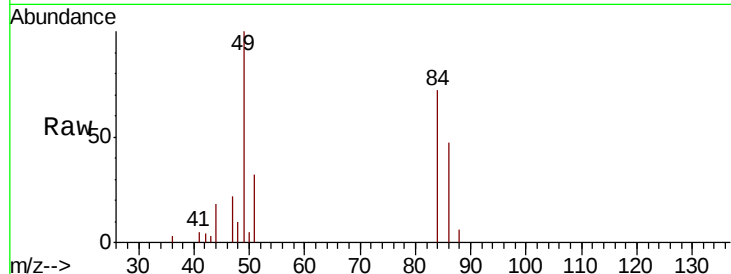




#20
Methylene Chloride
Concen: 2.300 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

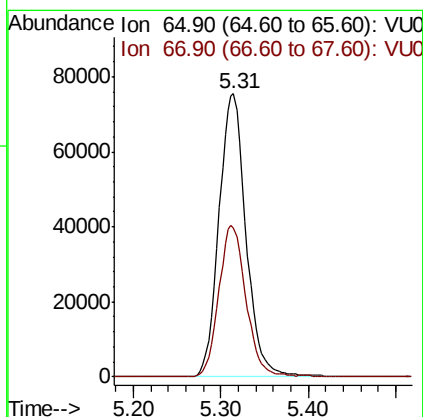
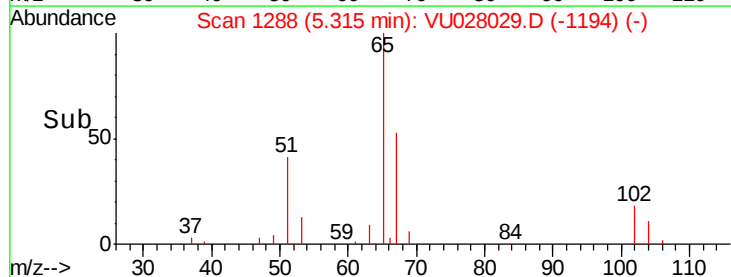
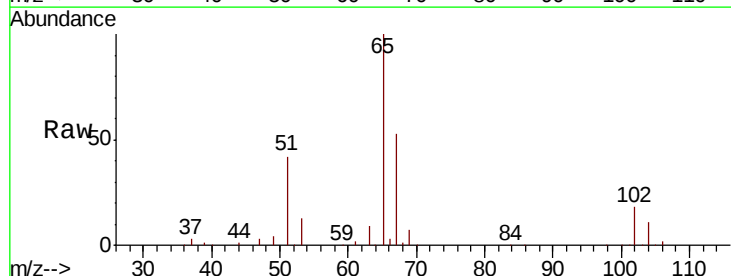
Instrument :
MSVOA_U
ClientSampleId :
HC-SOIL-2

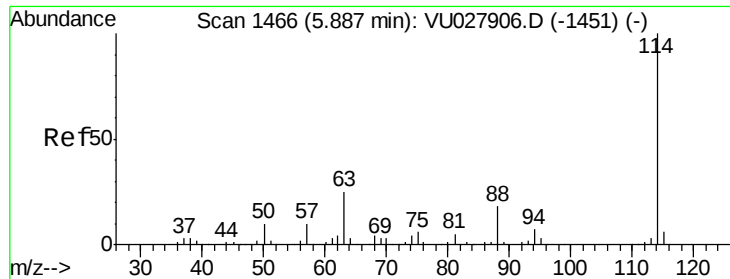
Tot Ion: 84 Resp: 5871
Ion Ratio Lower Upper
84 100
49 139.7 111.6 167.4
51 44.3 34.8 52.2
86 65.2 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 57.343 ug/l
RT: 5.31 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

Tgt Ion: 65 Resp: 161561
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0

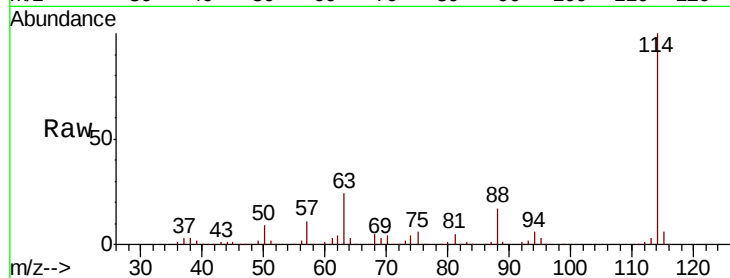




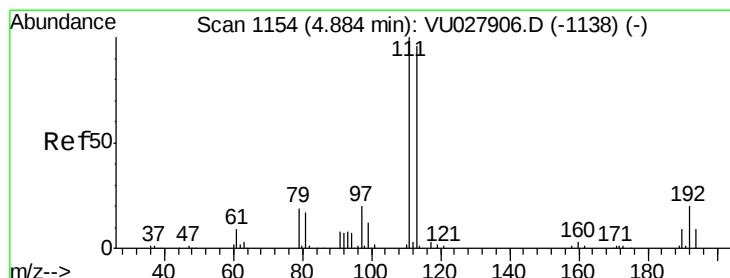
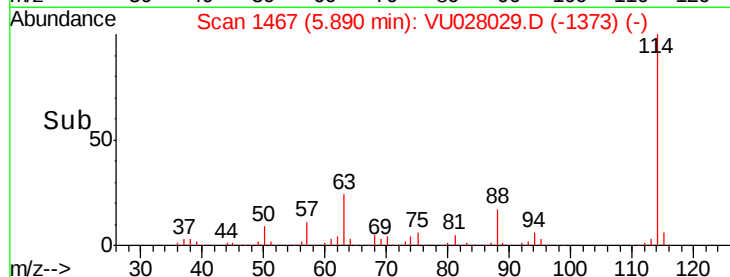
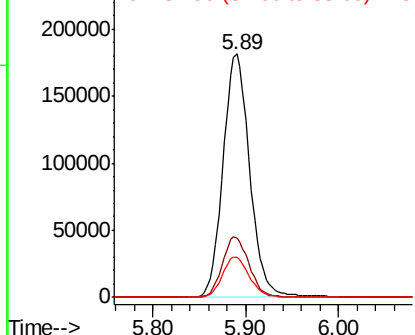
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

Instrument :
MSVOA_U
ClientSampleId :
HC-SOIL-2

Tot Ion:114 Resp: 363435
Ion Ratio Lower Upper
114 100
63 24.4 0.0 50.8
88 16.7 0.0 35.8

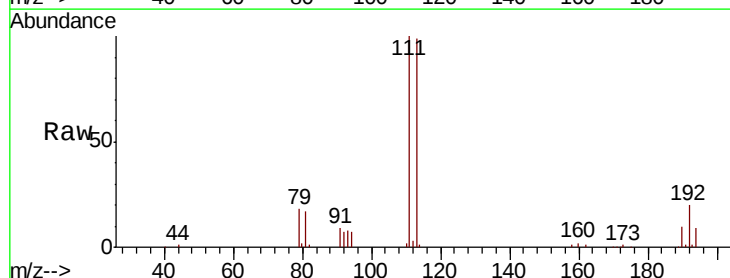


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

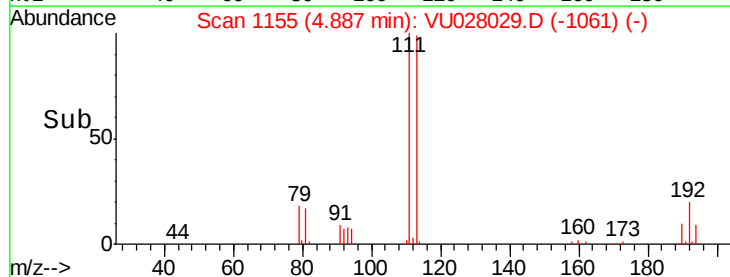
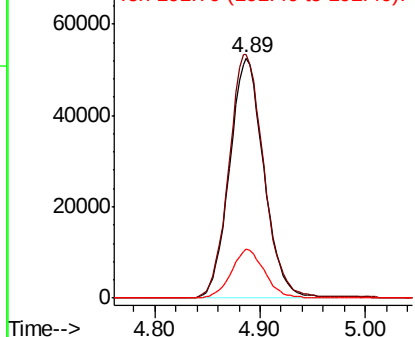


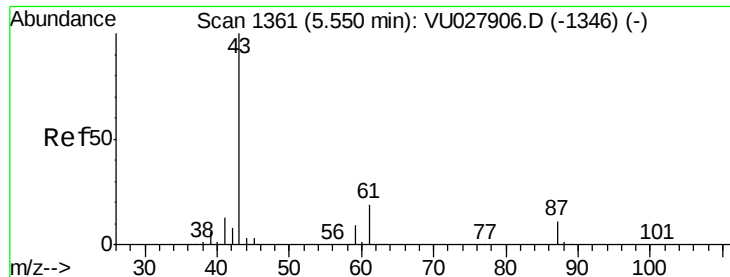
#35
Dibromofluoromethane
Concen: 51.689 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

Tgt Ion:113 Resp: 118446
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.6
192 19.9 15.6 23.4



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

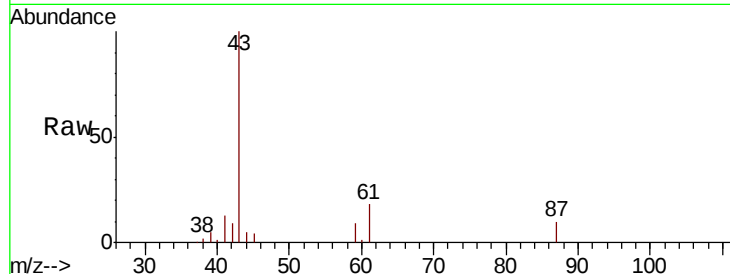




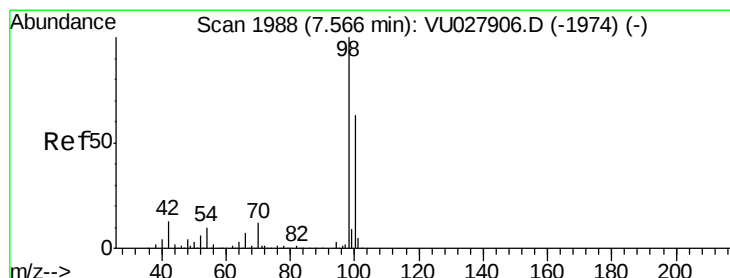
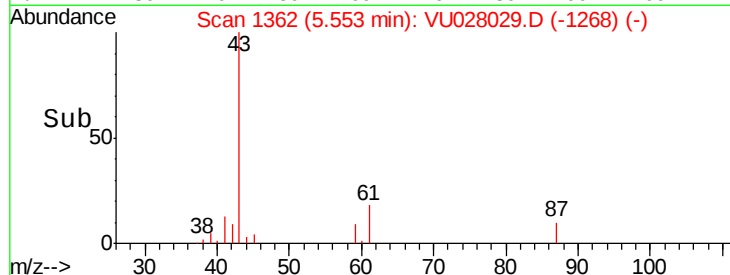
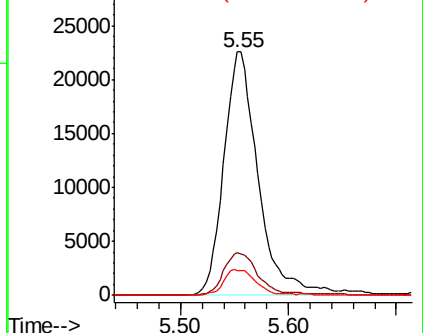
#43
Isopropyl Acetate
Concen: 5.754 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

Instrument :
MSVOA_U
ClientSampleId :
HC-SOIL-2

Tot Ion: 43 Resp: 50278
Ion Ratio Lower Upper
43 100
61 17.0 15.0 22.4
87 10.0 8.6 12.8

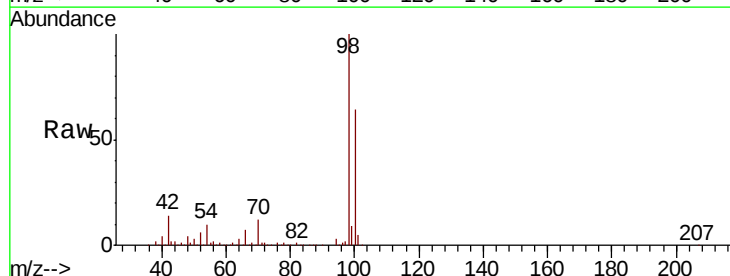


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

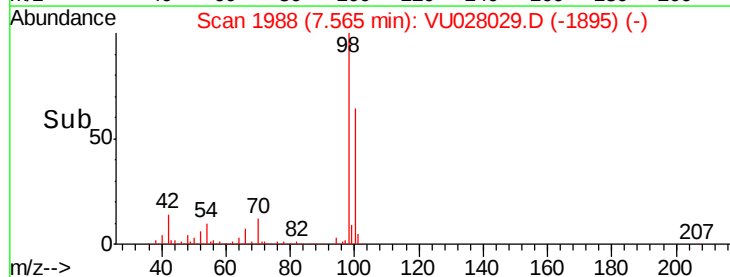
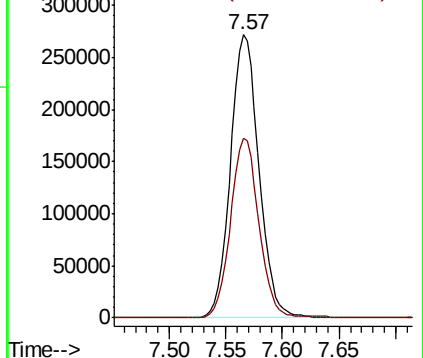


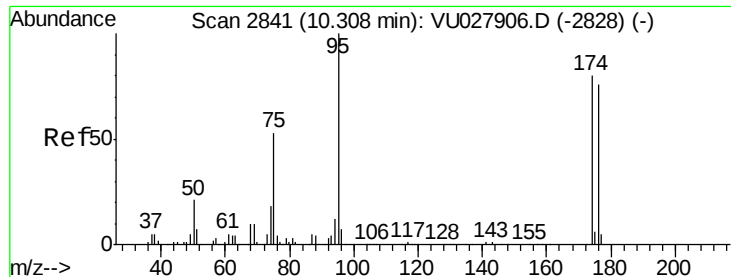
#50
Toluene-d8
Concen: 53.822 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

Tgt Ion: 98 Resp: 476429
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

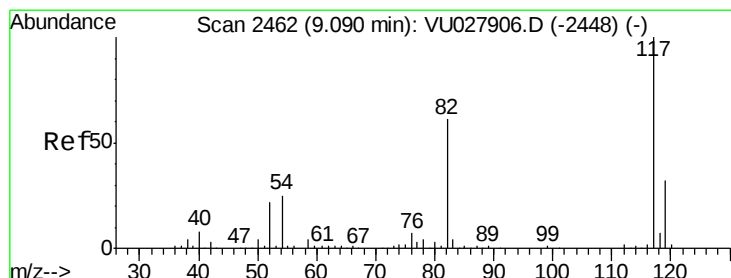
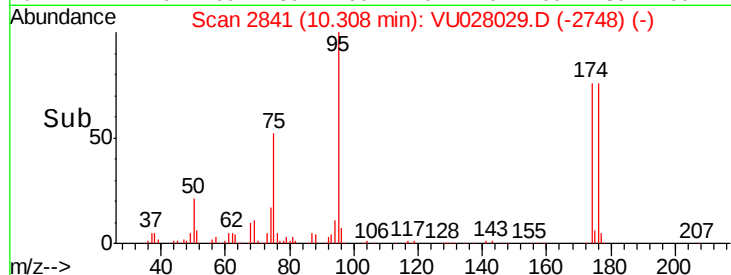
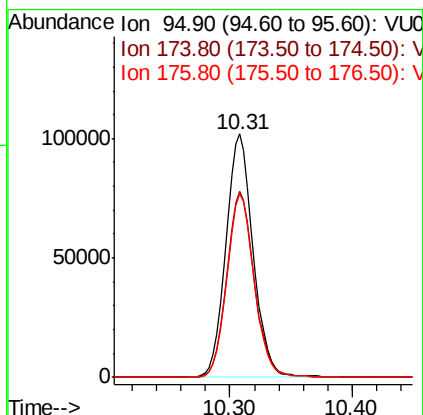
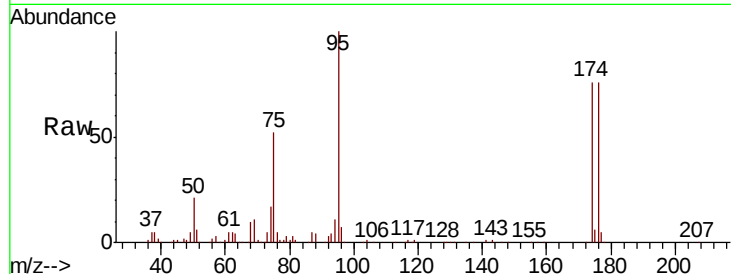




#62
4-Bromofluorobenzene
Concen: 48.873 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

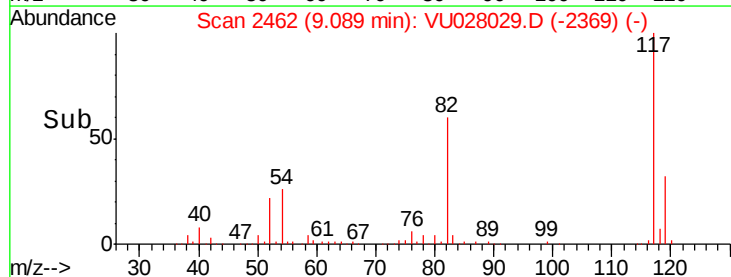
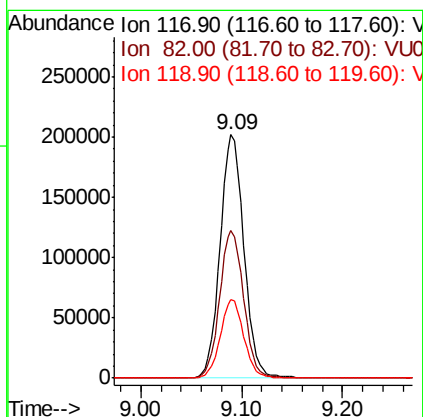
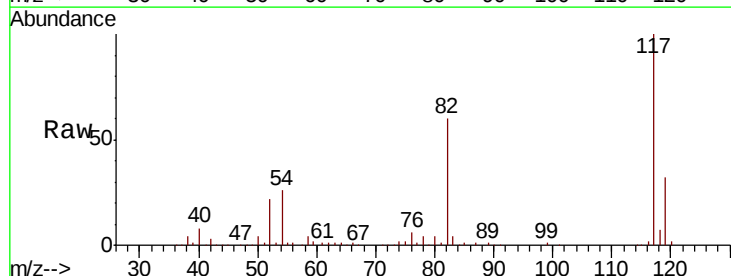
Instrument :
MSVOA_U
ClientSampleId :
HC-SOIL-2

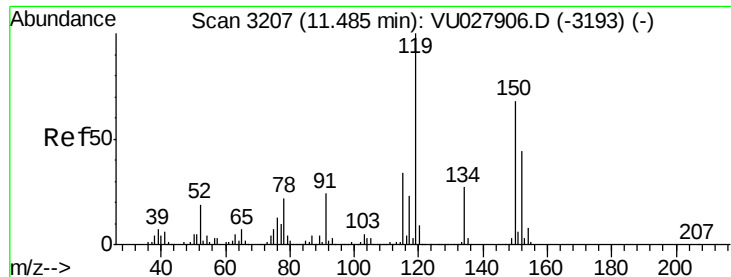
Tot Ion: 95 Resp: 159568
Ion Ratio Lower Upper
95 100
174 76.9 0.0 156.4
176 75.2 0.0 150.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028029.D
Acq: 08 Nov 2018 16:24

Tgt Ion: 117 Resp: 334530
Ion Ratio Lower Upper
117 100
82 60.4 48.6 73.0
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028029.D

Acq: 08 Nov 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

HC-SOIL-2

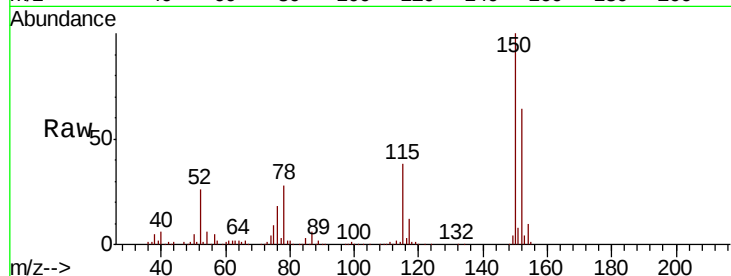
Tot Ion:152 Resp: 143793

Ion Ratio Lower Upper

152 100

115 59.3 43.0 129.0

150 157.0 0.0 349.4

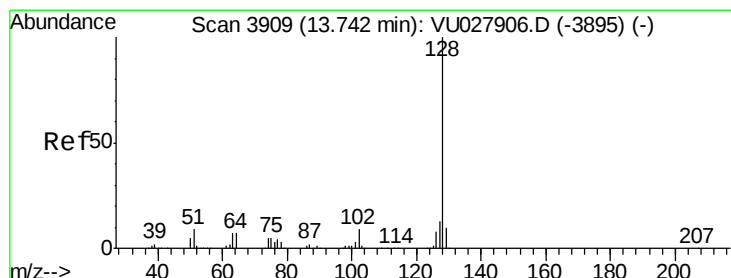
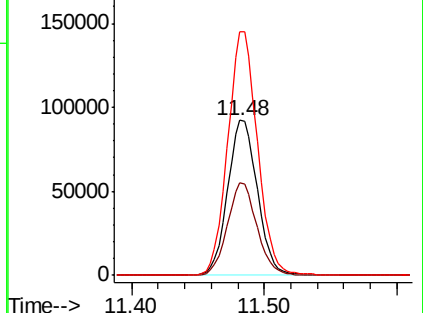
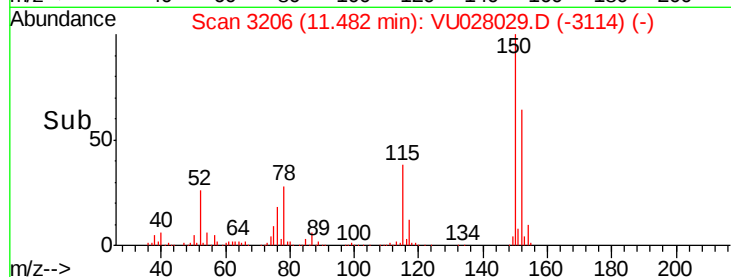


Abundance

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



#95

Naphthalene

Concen: 2.321 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028029.D

Acq: 08 Nov 2018 16:24

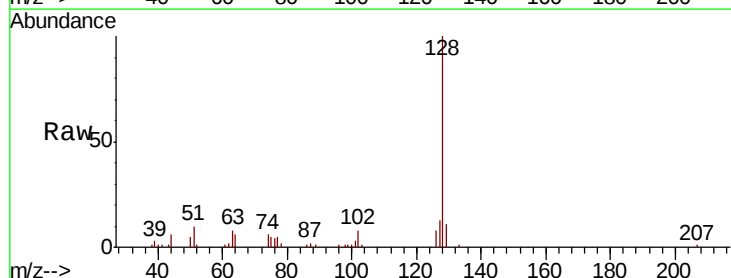
Tgt Ion:128 Resp: 29411

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 11.1 8.3 12.5



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

