

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028030.D
 Acq On : 08 Nov 2018 16:47
 Operator : MD/SY
 Sample : J5838-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HC-SOIL-1

Quant Time: Nov 09 09:25:51 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	190316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	367316	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	338414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	142088	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	164346	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	4.89	113	119538	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	7.57	98	482535	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	10.31	95	158633	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	

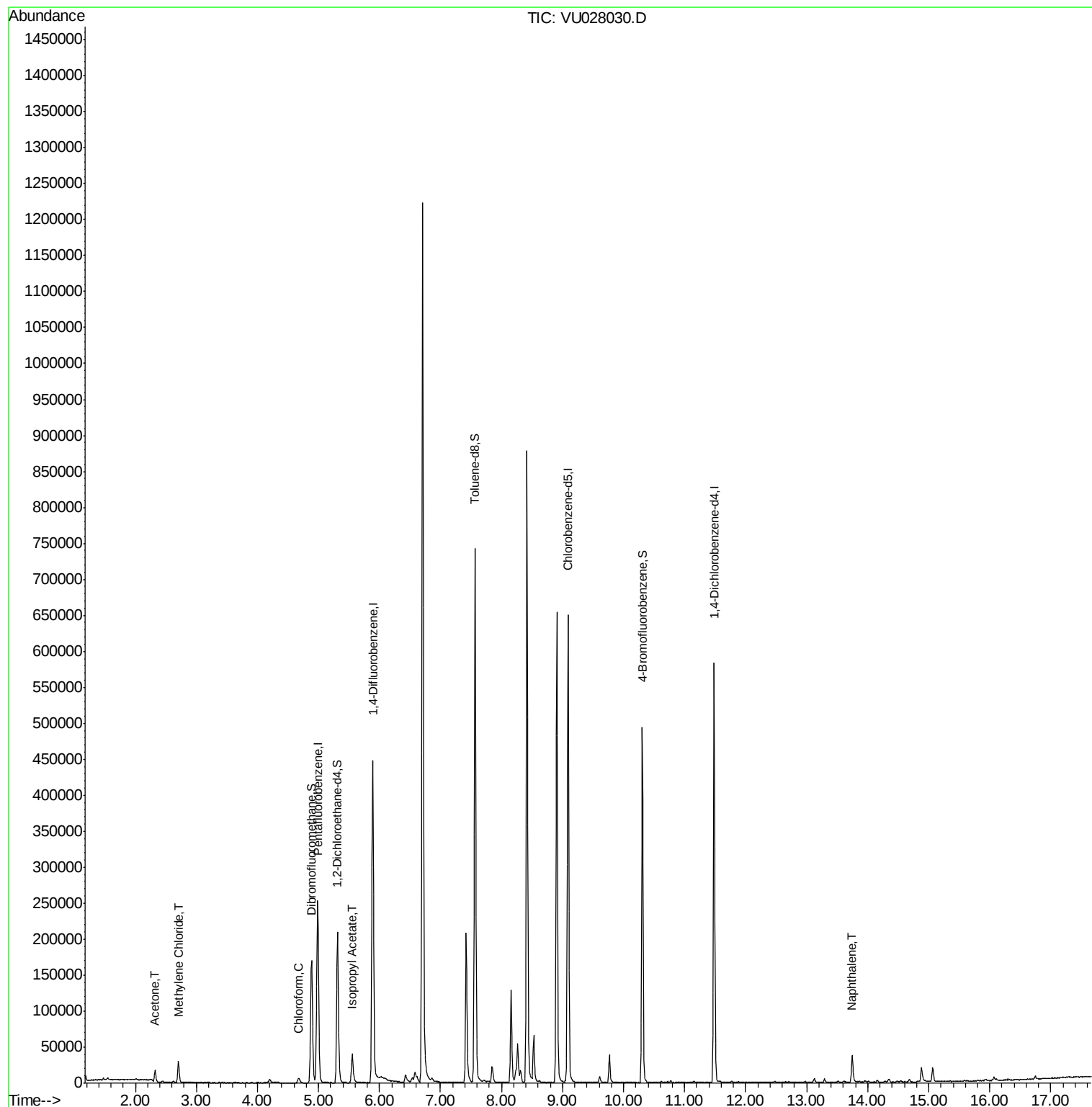
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	16218	9.238	ug/l	99
20) Methylene Chloride	2.71	84	11856	4.625	ug/l	99
30) Chloroform	4.68	83	5691	1.238	ug/l	95
43) Isopropyl Acetate	5.55	43	49622	5.619	ug/l	99
95) Naphthalene	13.75	128	32818	2.644	ug/l	99

(#) = 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: VU028030.D

Acq: 08 Nov 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

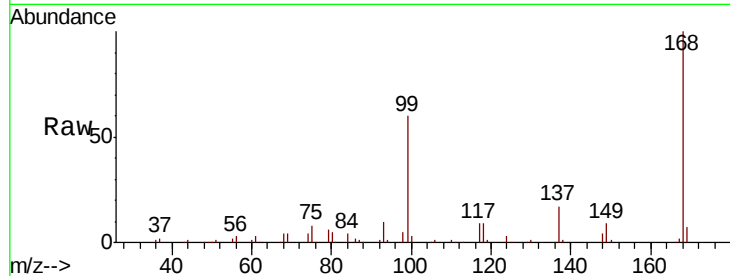
HC-SOIL-1

Tot Ion:168 Resp: 190316

Ion Ratio Lower Upper

168 100

99 60.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

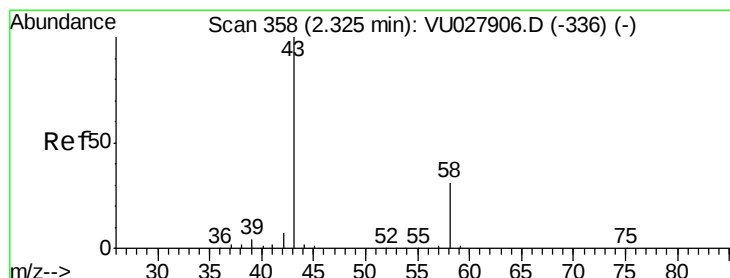
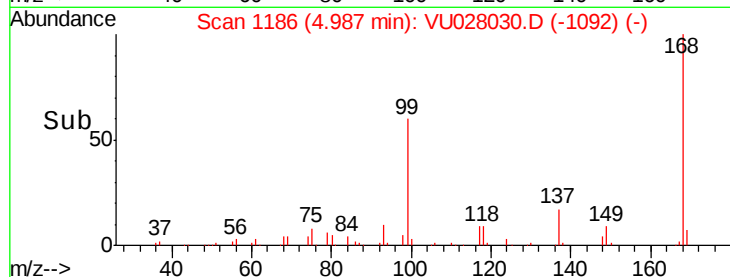
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 9.238 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028030.D

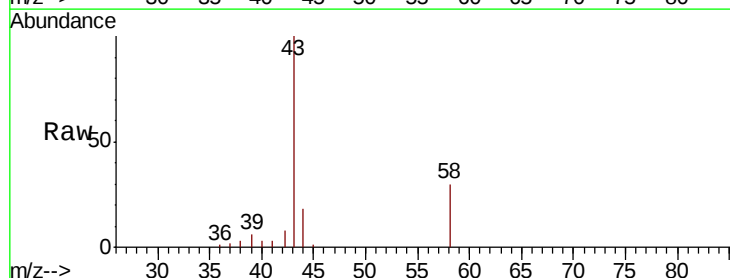
Acq: 08 Nov 2018 16:47

Tgt Ion: 43 Resp: 16218

Ion Ratio Lower Upper

43 100

58 30.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)

2.32

12000

10000

8000

6000

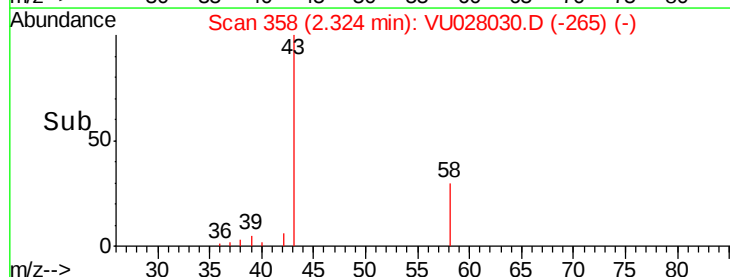
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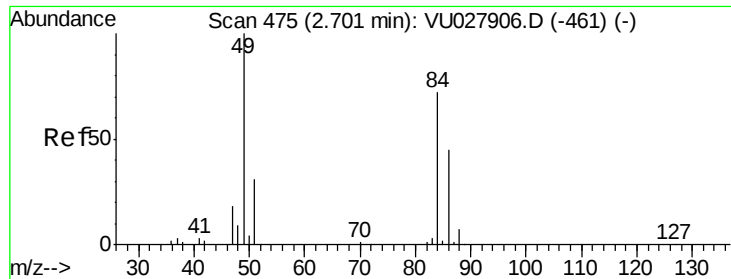
2000

0

Time-->

2.25 2.30 2.35

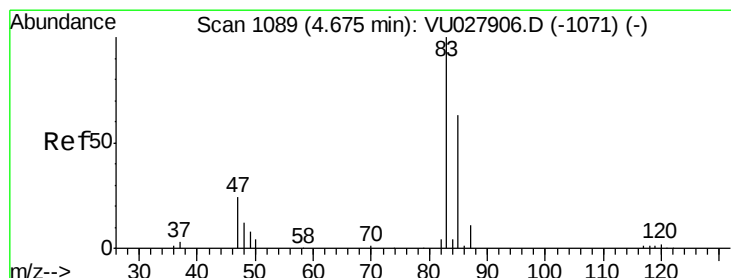
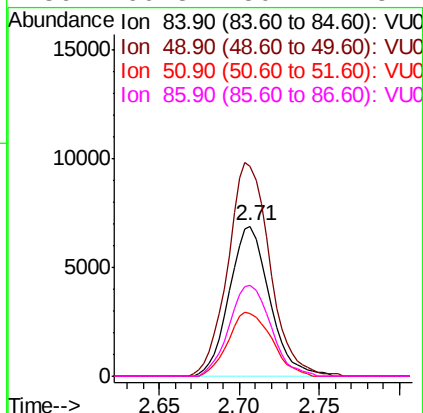
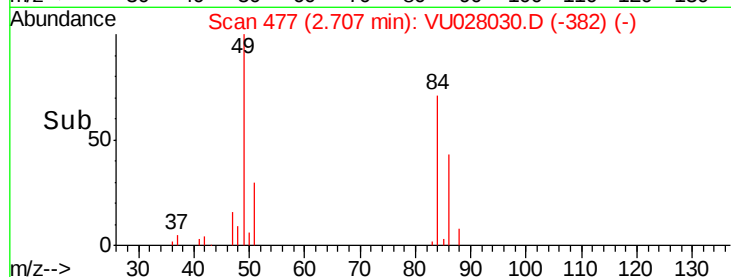
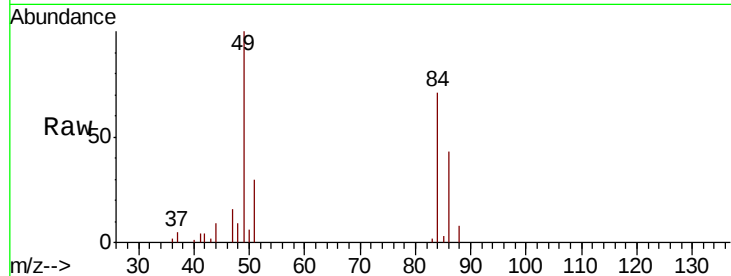




#20
Methvlene Chloride
Concen: 4.625 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028030.D
Acq: 08 Nov 2018 16:47

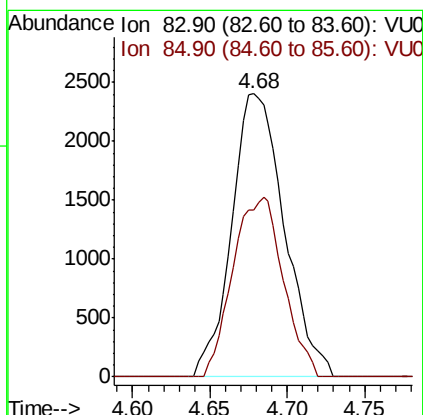
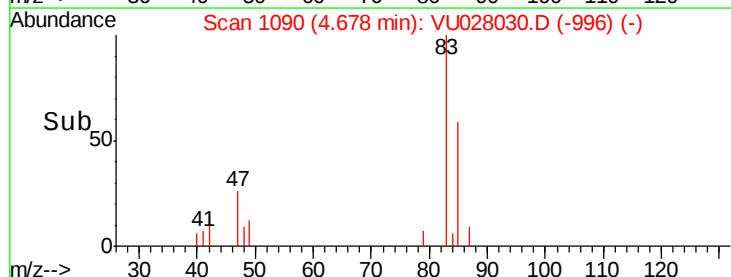
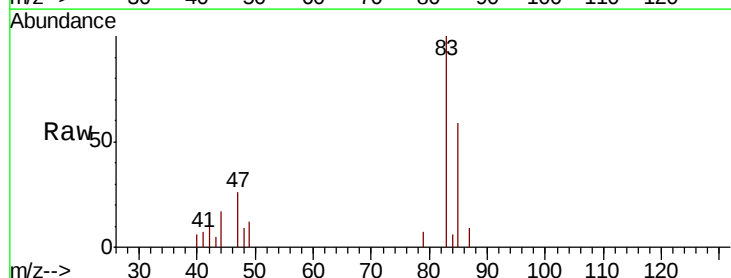
Instrument :
MSVOA_U
ClientSampleId :
HC-SOIL-1

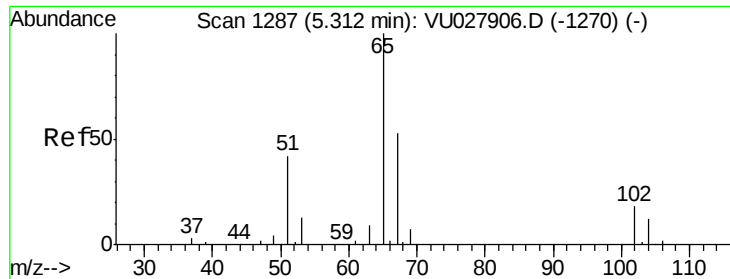
Tot Ion:	84	Resp:	11856
Ion	Ratio	Lower	Upper
84	100		
49	140.4	111.6	167.4
51	42.0	34.8	52.2
86	60.8	50.1	75.1



#30
Chloroform
Concen: 1.238 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028030.D
Acq: 08 Nov 2018 16:47

Tgt Ion:	83	Resp:	5691
Ion	Ratio	Lower	Upper
83	100		
85	59.2	50.6	76.0

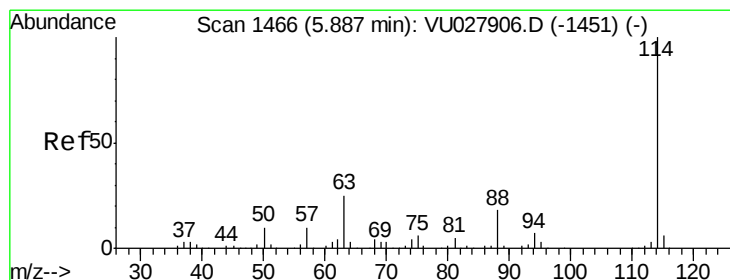
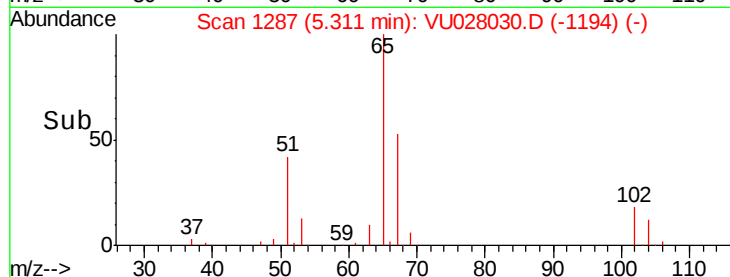
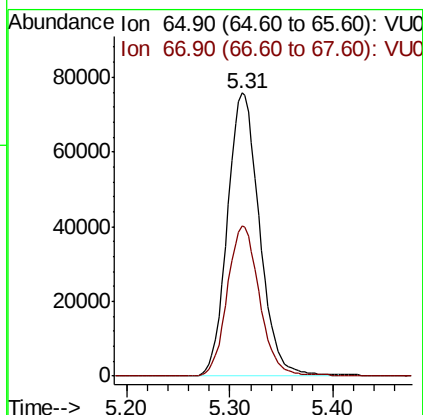
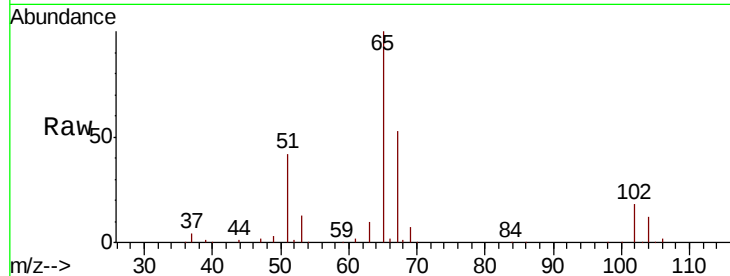




#33
 1,2-Dichloroethane-d4
 Concen: 58.083 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028030.D
 Acq: 08 Nov 2018 16:47

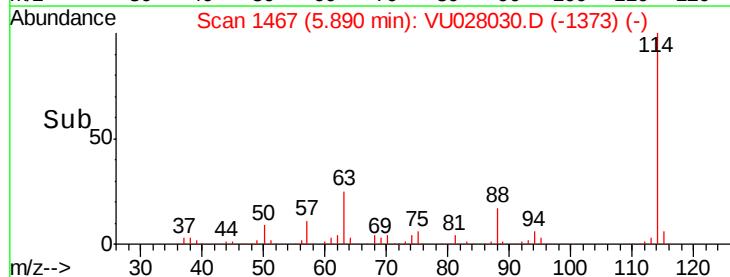
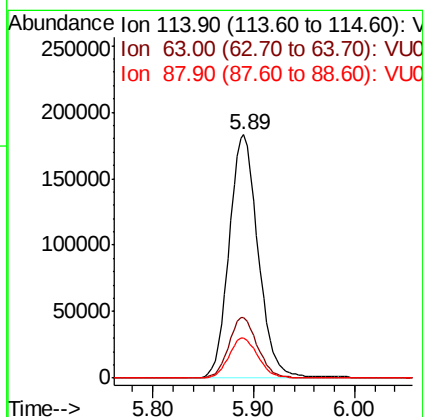
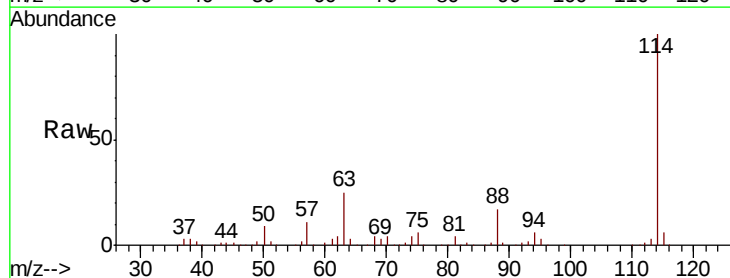
Instrument :
 MSVOA_U
 ClientSampled :
 HC-SOIL-1

Tot Ion: 65 Resp: 164346
 Ion Ratio Lower Upper
 65 100
 67 53.6 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: VU028030.D
 Acq: 08 Nov 2018 16:47

Tgt Ion: 114 Resp: 367316
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.8
 88 16.6 0.0 35.8

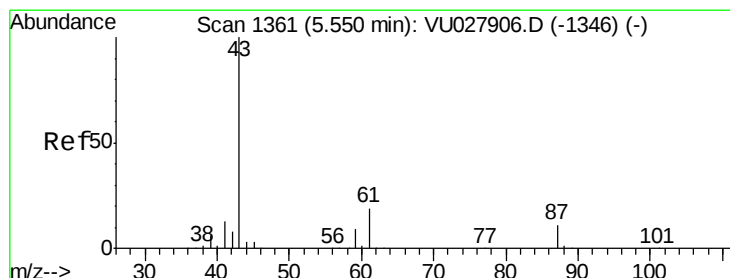
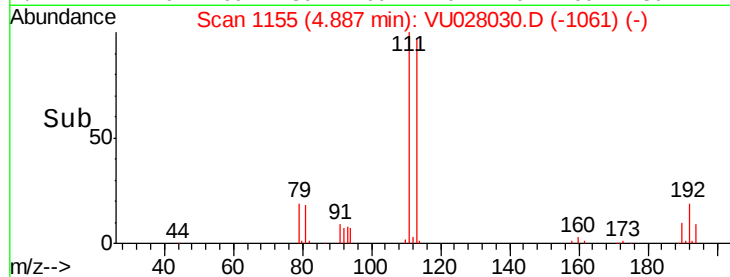
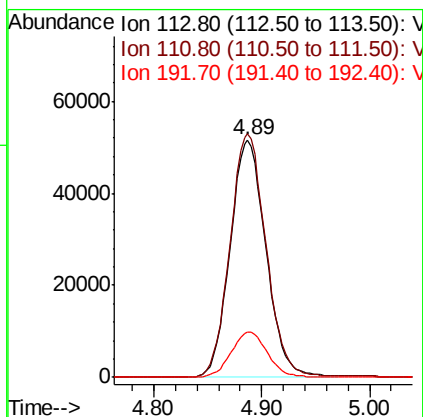
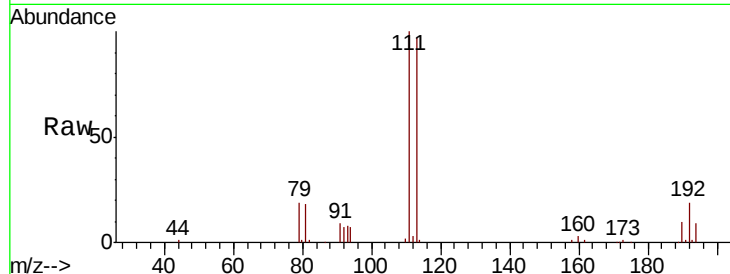




#35
 Dibromofluoromethane
 Concen: 51.614 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028030.D
 Acq: 08 Nov 2018 16:47

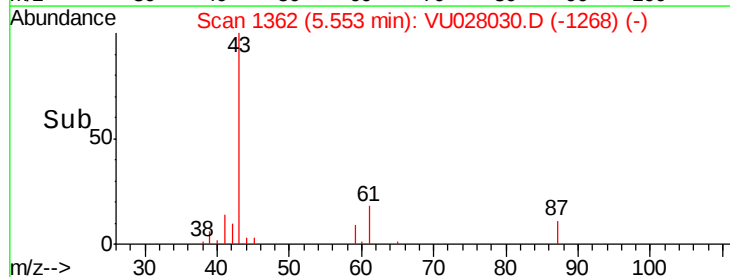
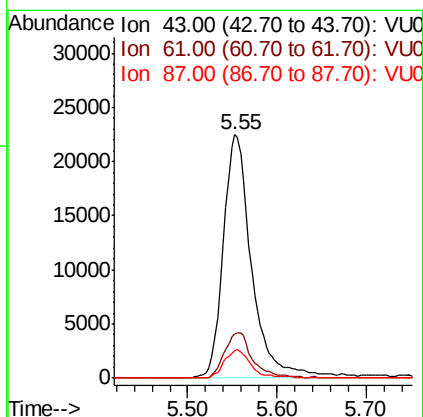
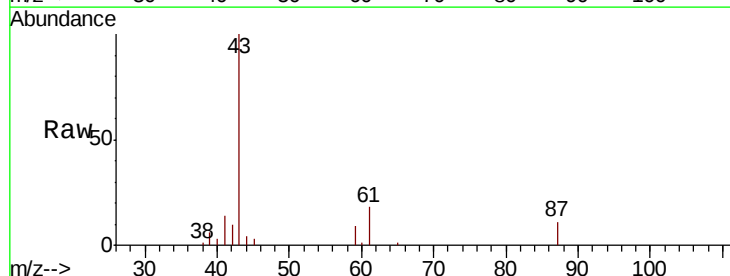
Instrument :
 MSVOA_U
 ClientSampleId :
 HC-SOIL-1

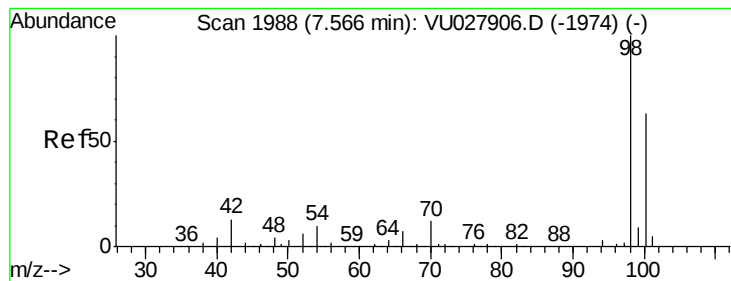
Tot Ion:113 Resp: 119538
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.6
 192 19.2 15.6 23.4



#43
 Isopropyl Acetate
 Concen: 5.619 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU028030.D
 Acq: 08 Nov 2018 16:47

Tgt Ion: 43 Resp: 49622
 Ion Ratio Lower Upper
 43 100
 61 18.1 15.0 22.4
 87 10.9 8.6 12.8





#50

Toluene-d8

Concen: 53.936 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028030.D

Acq: 08 Nov 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

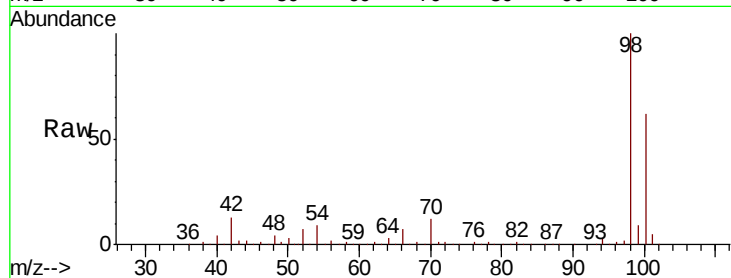
HC-SOIL-1

Tot Ion: 98 Resp: 482535

Ion Ratio Lower Upper

98 100

100 63.2 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

300000

250000

200000

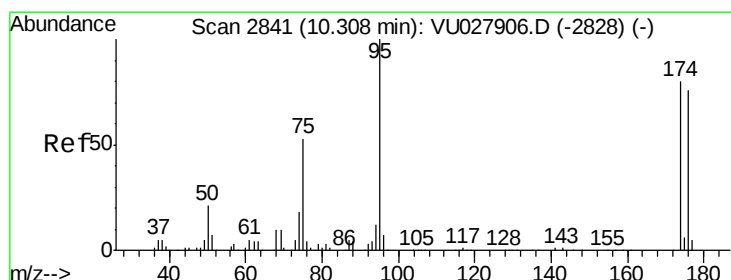
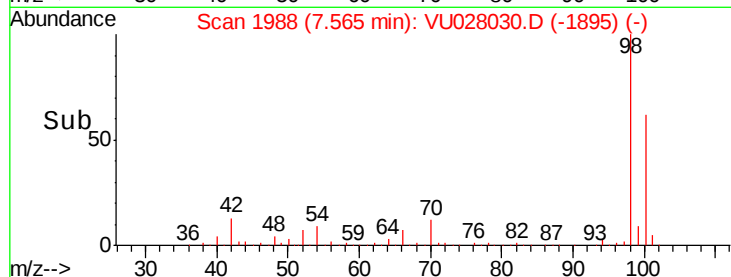
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.073 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028030.D

Acq: 08 Nov 2018 16:47

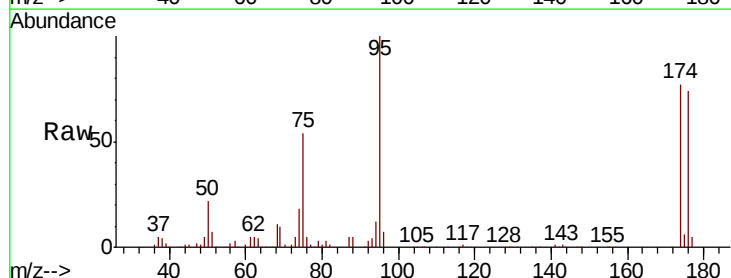
Tgt Ion: 95 Resp: 158633

Ion Ratio Lower Upper

95 100

174 77.4 0.0 156.4

176 74.4 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

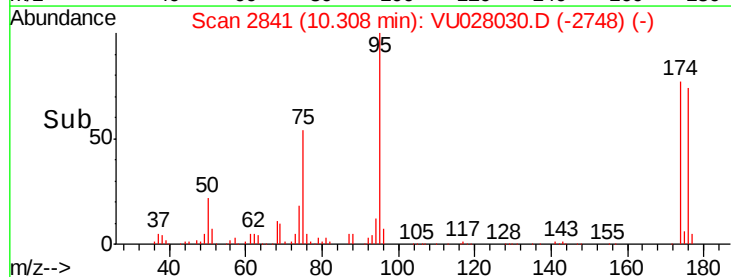
10.31

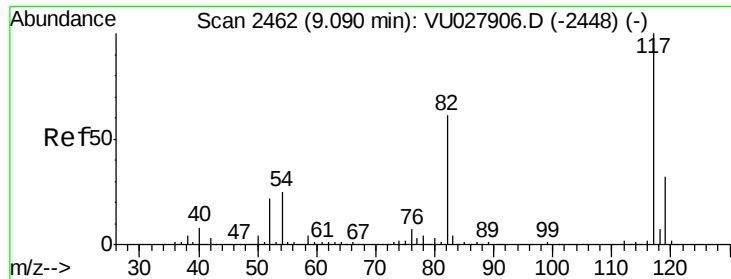
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028030.D

Acq: 08 Nov 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

HC-SOIL-1

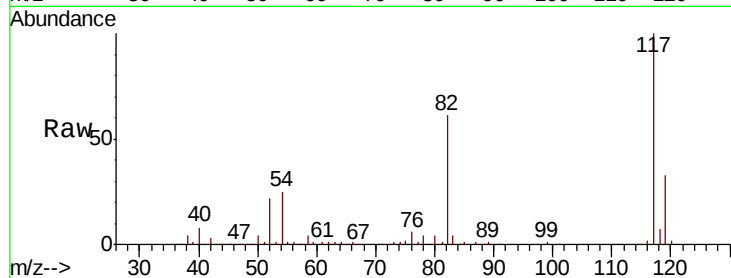
Tot Ion:117 Resp: 338414

Ion Ratio Lower Upper

117 100

82 60.9 48.6 73.0

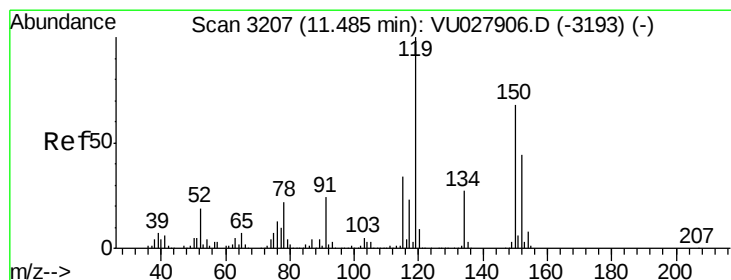
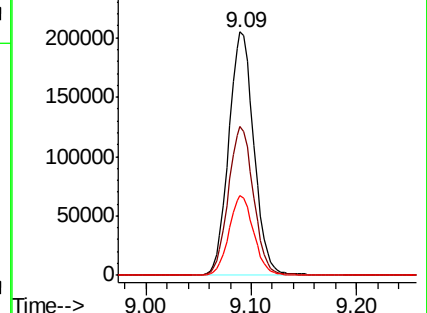
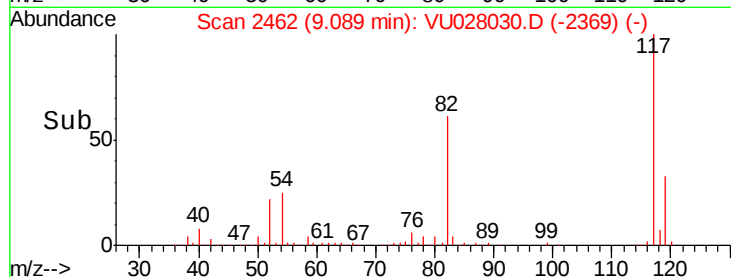
119 33.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028030.D

Acq: 08 Nov 2018 16:47

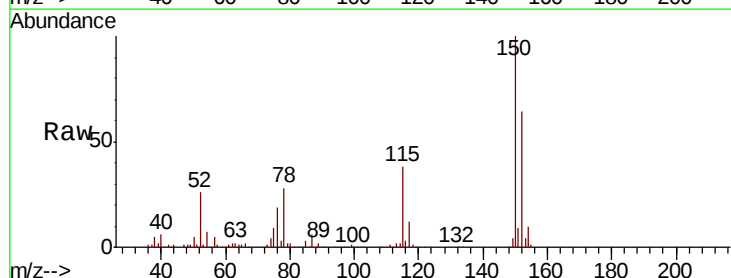
Tgt Ion:152 Resp: 142088

Ion Ratio Lower Upper

152 100

115 60.7 43.0 129.0

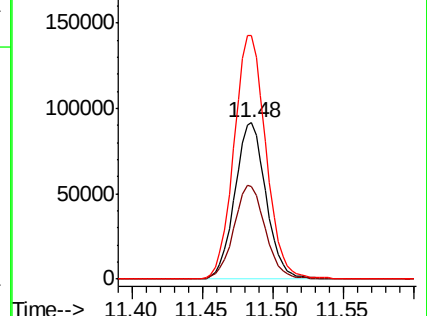
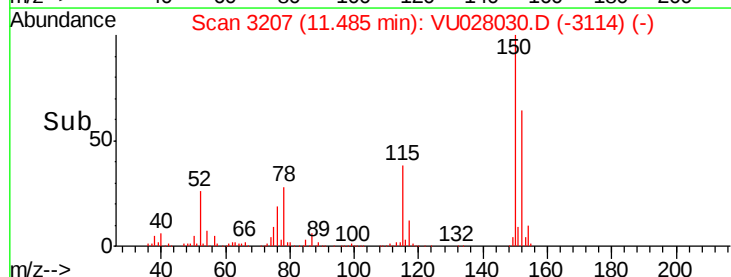
150 159.4 0.0 349.4

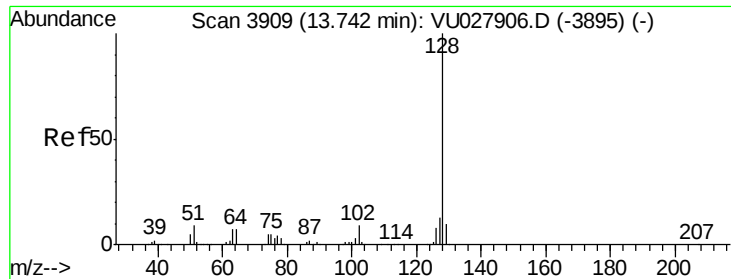


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
 Naphthalene
 Concen: 2.644 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU028030.D
 Acq: 08 Nov 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	9.8	8.3	12.5

