

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038041.D
 Acq On : 07 May 2020 16:11
 Operator : JC/MD
 Sample : L2526-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH1

Quant Time: May 08 02:59:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	324205	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103376	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.93	69	94282	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.59	63	128964	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	4.66	46	262688	35.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.80%
24) Chloroform-d	5.10	84	169884	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.74	65	108031	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.76	84	394697	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.72	67	130034	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.92	98	351651	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	44289	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.65	63	240655	42.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99092	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	122313	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

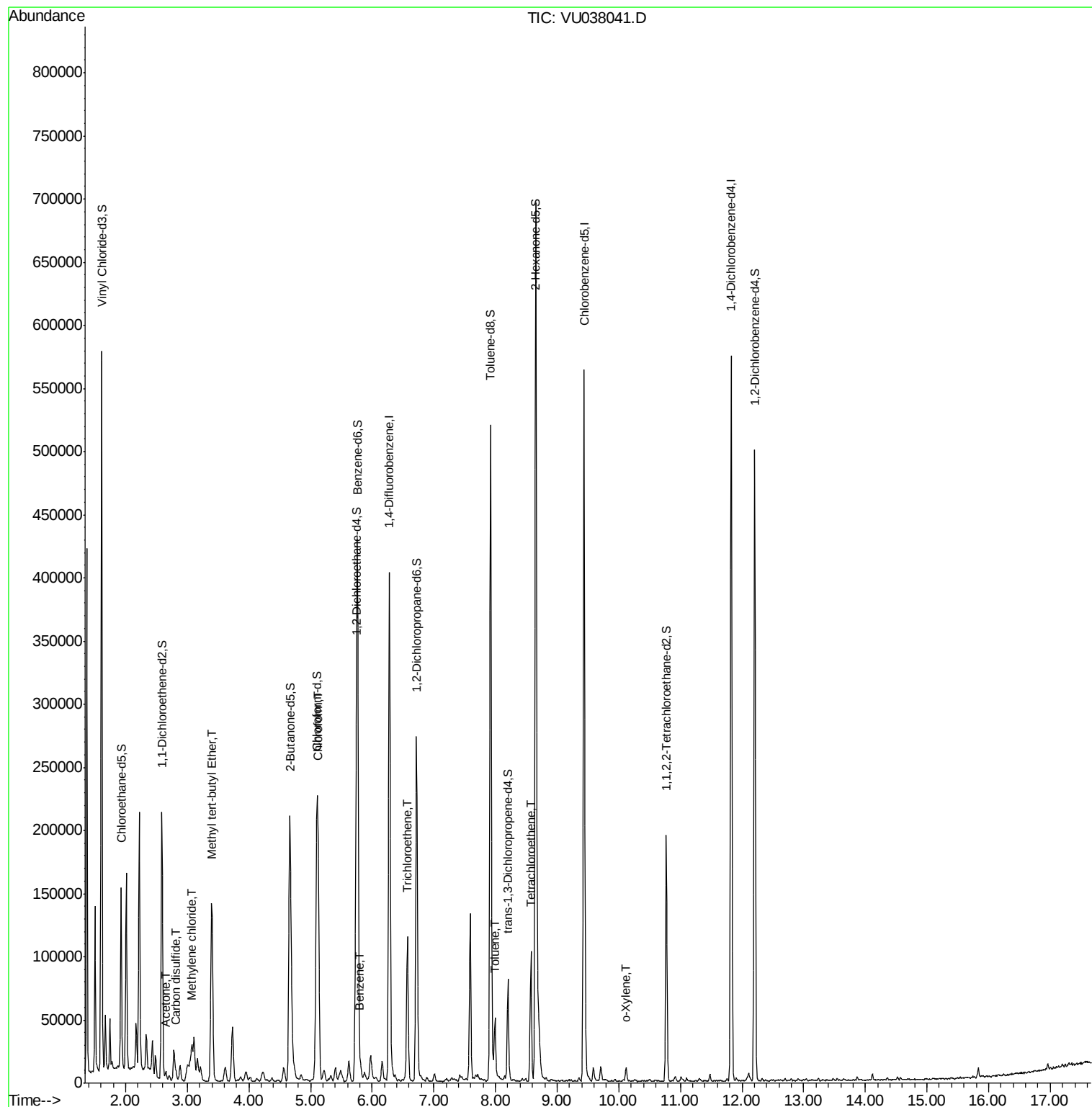
					Ovalue
13) Acetone	2.65	43	6514	1.419	ug/L 99
14) Carbon disulfide	2.82	76	6527	0.081	ug/L 99
16) Methylene chloride	3.08	84	9659	0.368	ug/L 88
17) Methyl tert-butyl Ether	3.40	73	121503	1.944	ug/L # 76
25) Chloroform	5.12	83	120562	2.694	ug/L 98
33) Benzene	5.81	78	9780	0.098	ug/L 100
34) Trichloroethene	6.57	95	38555	1.544	ug/L 97
42) Toluene	7.99	91	32944	0.312	ug/L 99
47) Tetrachloroethene	8.57	164	21952	1.256	ug/L 96
54) o-Xylene	10.12	106	2652	0.063	ug/L 80

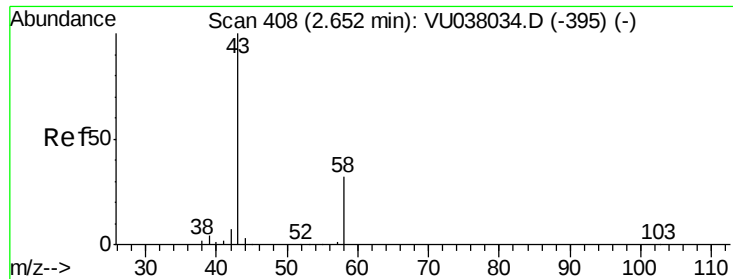
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.419 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038041.D

Acq: 07 May 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

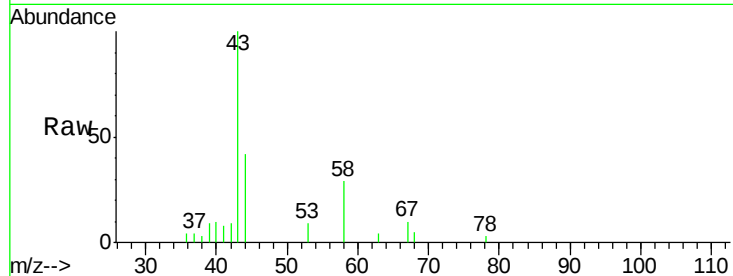
BFSH1

Tot Ion: 43 Resp: 6514

Ion Ratio Lower Upper

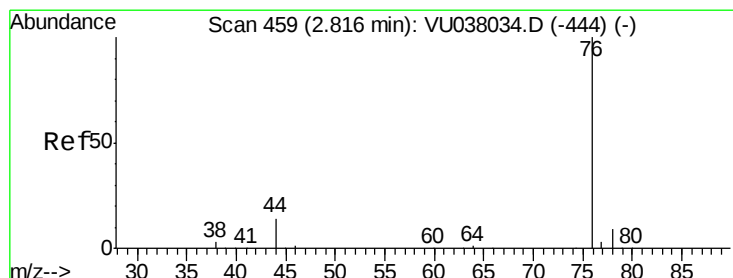
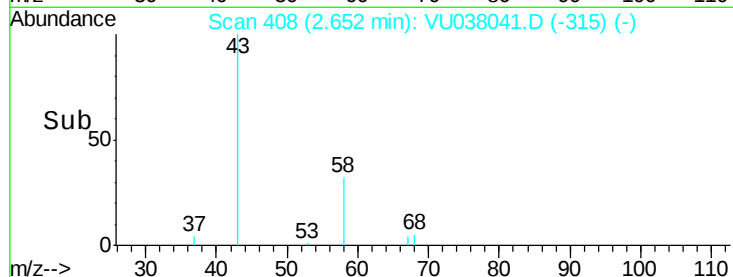
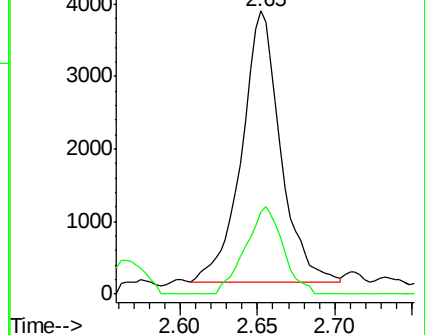
43 100

58 31.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038041.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038041.D (-315) (-)



#14

Carbon disulfide

Concen: 0.081 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU038041.D

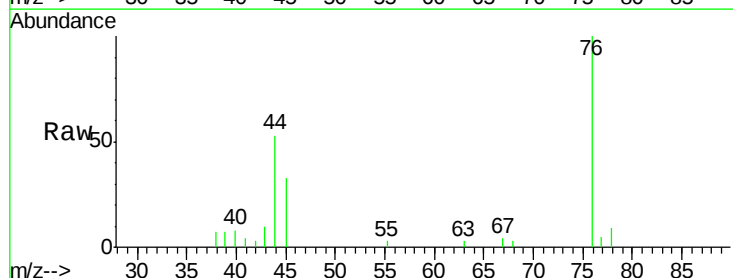
Acq: 07 May 2020 16:11

Tgt Ion: 76 Resp: 6527

Ion Ratio Lower Upper

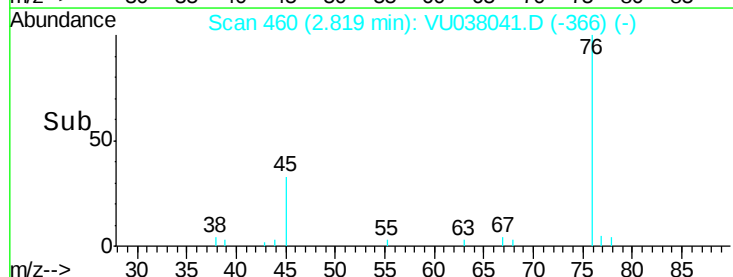
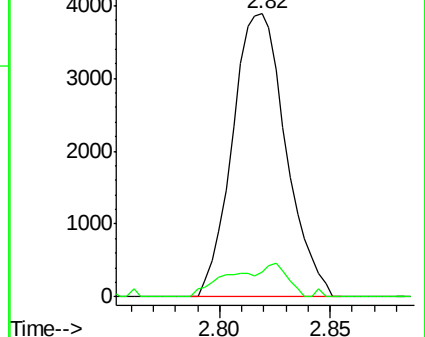
76 100

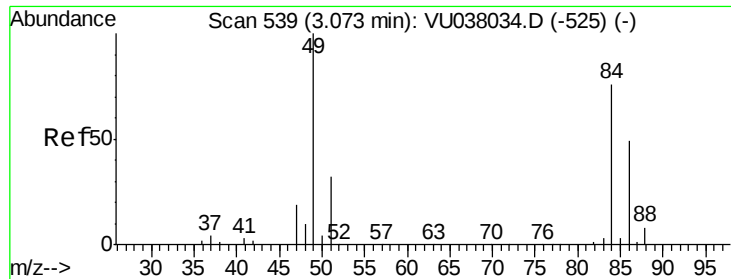
78 8.5 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU038041.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VU038041.D (-366) (-)

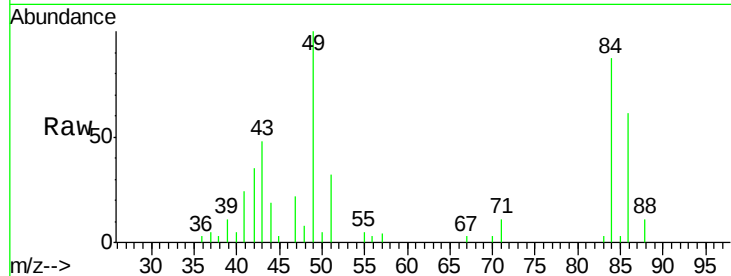




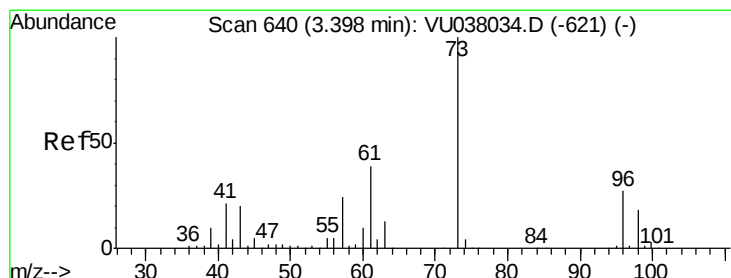
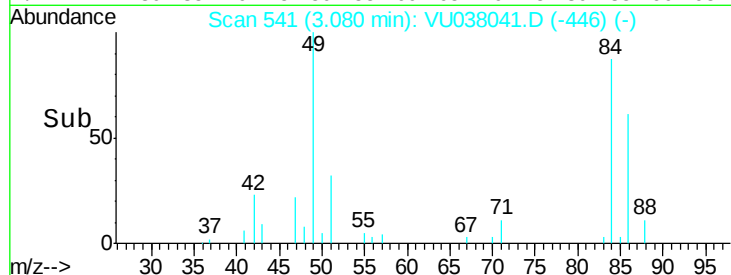
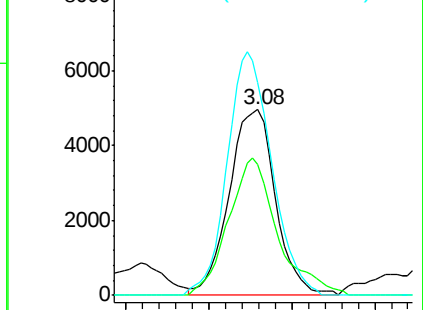
#16
Methylene chloride
Concen: 0.368 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.01 min
Lab File: VU038041.D
Acq: 07 May 2020 16:11

Instrument :
MSVOA_U
ClientSampled :
BFSH1

Tot Ion: 84 Resp: 9659
Ion Ratio Lower Upper
84 100
86 70.3 44.9 83.3
49 114.5 92.0 170.9

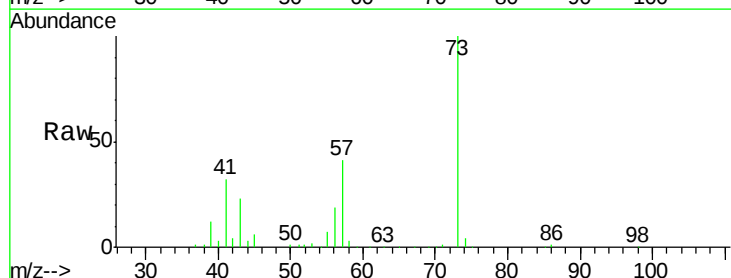


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

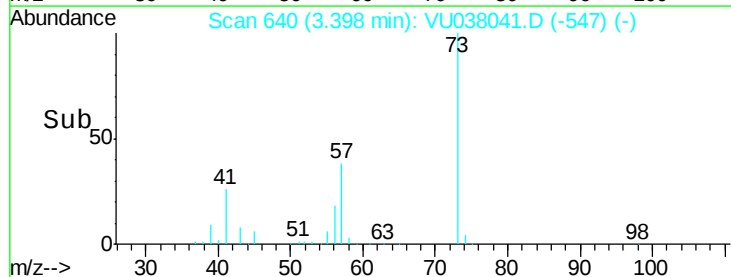
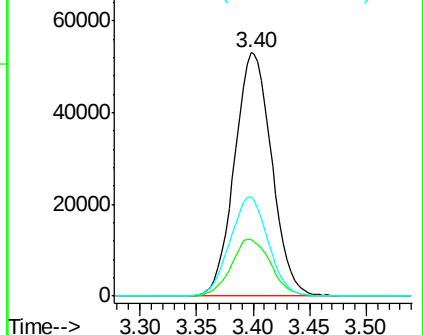


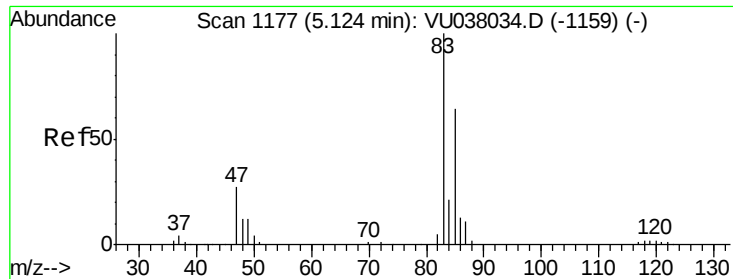
#17
Methyl tert-butyl Ether
Concen: 1.944 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038041.D
Acq: 07 May 2020 16:11

Tgt Ion: 73 Resp: 121503
Ion Ratio Lower Upper
73 100
43 24.9 16.9 25.3
57 41.8 18.2 27.2#



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

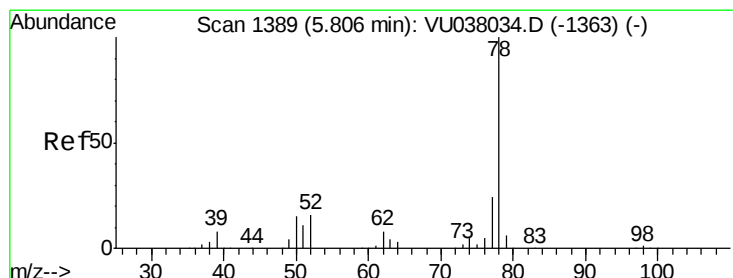
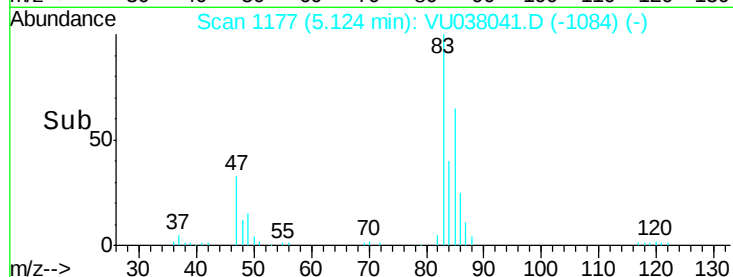
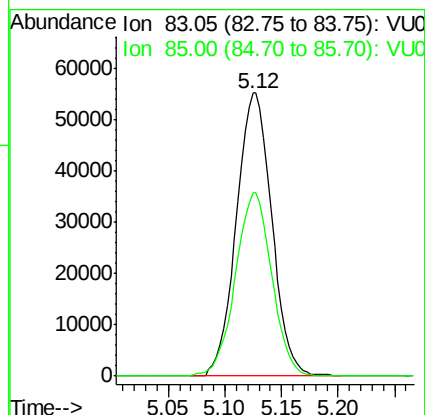
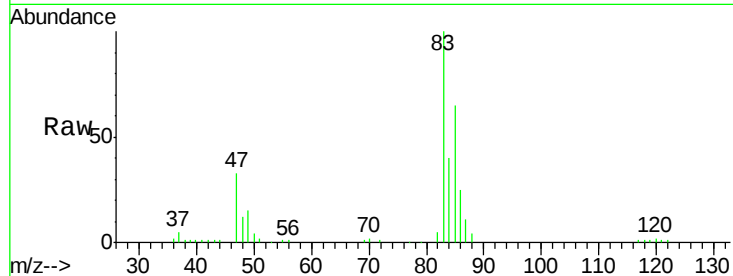




#25
Chloroform
Concen: 2.694 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038041.D
Acq: 07 May 2020 16:11

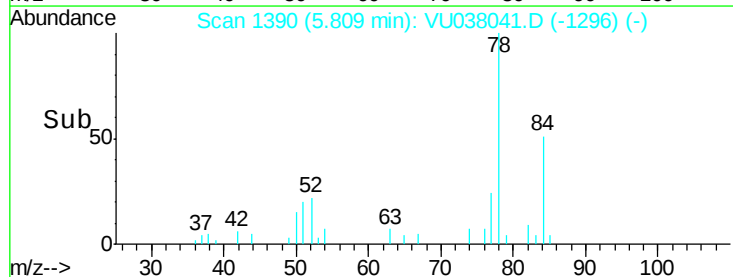
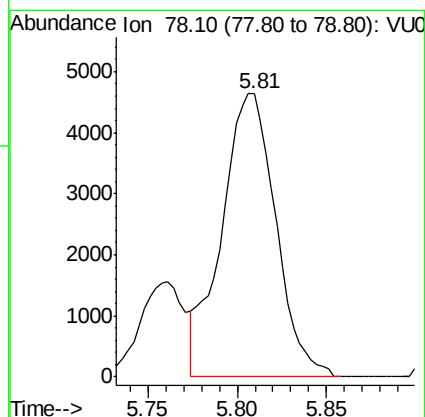
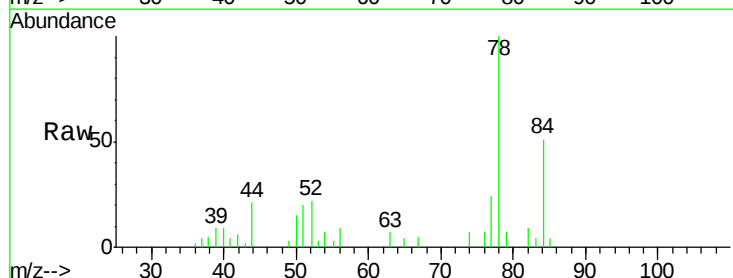
Instrument :
MSVOA_U
ClientSampleId :
BFSH1

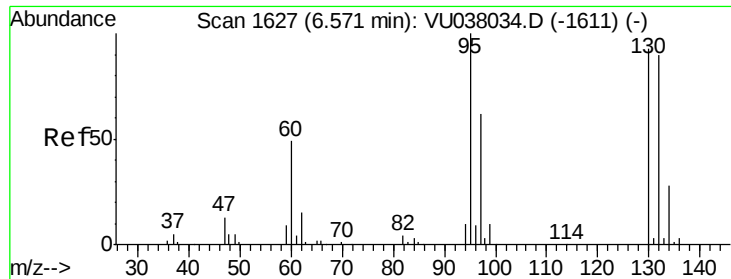
Tot Ion: 83 Resp: 120562
Ion Ratio Lower Upper
83 100
85 64.7 46.2 85.8



#33
Benzene
Concen: 0.098 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038041.D
Acq: 07 May 2020 16:11

Tgt Ion: 78 Resp: 9780

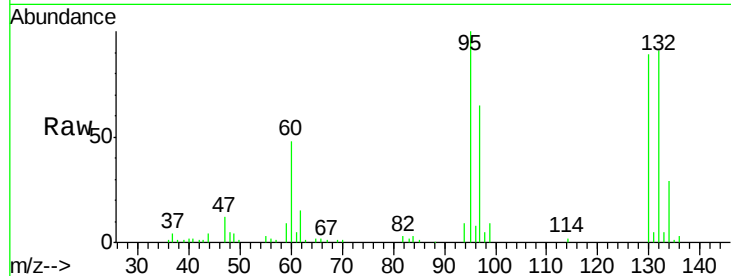




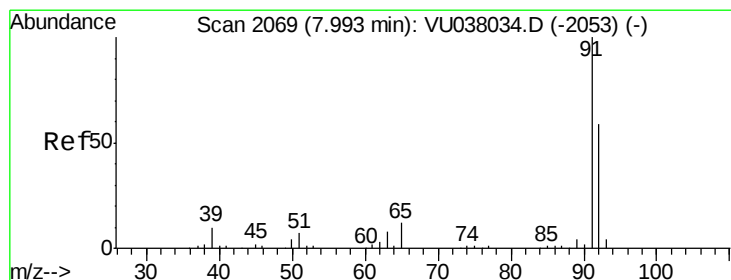
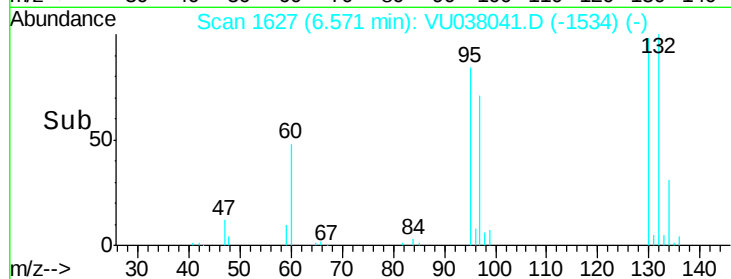
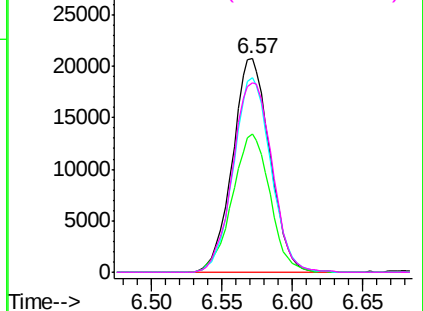
#34
 Trichloroethene
 Concen: 1.544 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038041.D
 Acq: 07 May 2020 16:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH1

Tot Ion: 95 Resp: 38555
 Ion Ratio Lower Upper
 95 100
 97 65.0 44.9 83.3
 132 91.2 63.3 117.5
 130 89.0 65.7 122.1

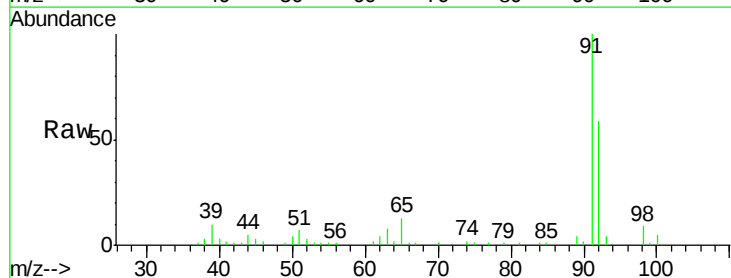


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

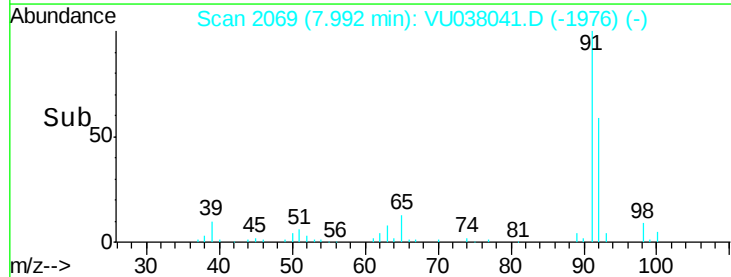
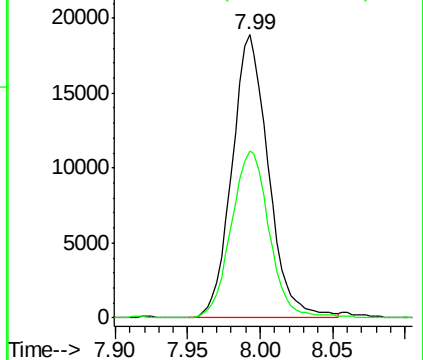


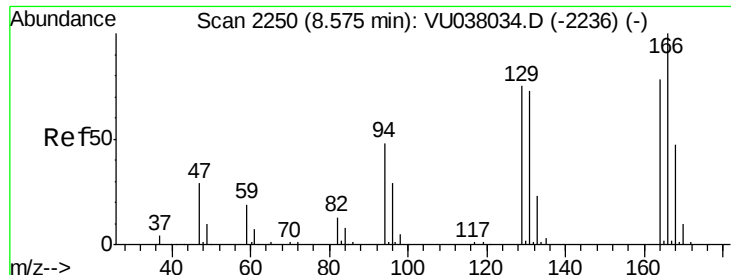
#42
 Toluene
 Concen: 0.312 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038041.D
 Acq: 07 May 2020 16:11

Tgt Ion: 91 Resp: 32944
 Ion Ratio Lower Upper
 91 100
 92 59.1 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 1.256 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038041.D

Acq: 07 May 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

BFSH1

Tot Ion:164 Resp: 21952

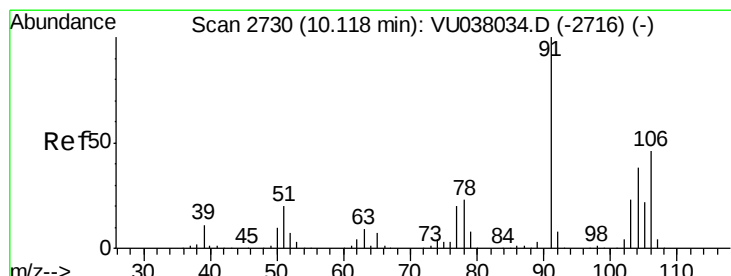
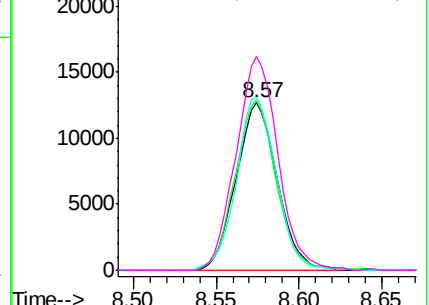
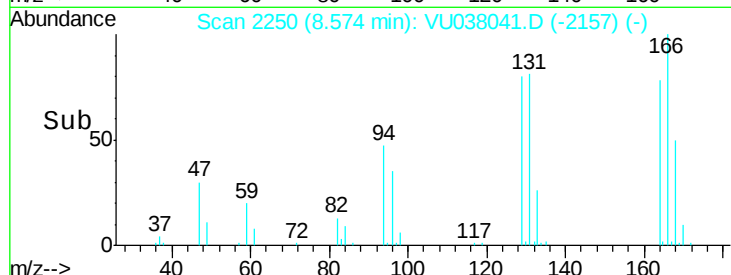
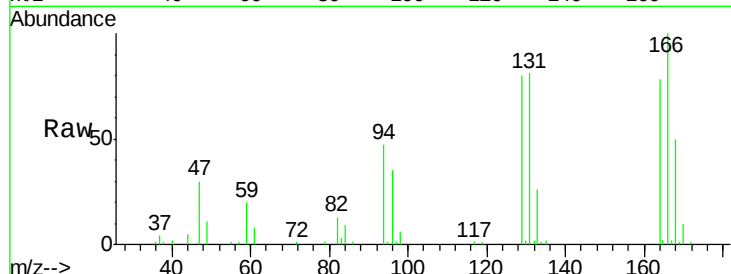
Ion Ratio Lower Upper

164 100

129 101.7 68.8 127.8

131 103.7 66.8 124.2

166 127.8 88.9 165.1



#54

o-Xylene

Concen: 0.063 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU038041.D

Acq: 07 May 2020 16:11

Tgt Ion:106 Resp: 2652

Ion Ratio Lower Upper

106 100

91 243.9 148.5 275.9

