

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038440.D
 Acq On : 31 May 2020 02:24
 Operator : JC/MD
 Sample : L2787-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX99

Quant Time: Jun 01 06:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	323098	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	314461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	150195	5.00	ug/L	0.00

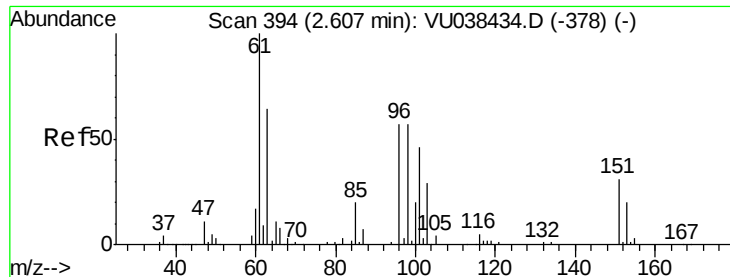
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97968	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	81871	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	144965	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.68	46	366289	57.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.32%
24) Chloroform-d	5.10	84	202694	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.74	65	118969	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.76	84	407086	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.72	67	124995	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.92	98	343428	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.20	79	50098	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.66	63	309285	60.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109744	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	139762	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3824	0.195 ug/L #	68
13) Acetone	2.68	43	18400	4.426 ug/L	100
19) 1,1-Dichloroethane	3.92	63	5239	0.137 ug/L #	82
25) Chloroform	5.13	83	56336	1.445 ug/L	96
30) Cyclohexane	5.42	56	5953	0.171 ug/L	98
34) Trichloroethene	6.57	95	84402	3.708 ug/L	99
47) Tetrachloroethene	8.57	164	2532	0.153 ug/L	83

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.195 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038440.D

Acq: 31 May 2020 02:24

Instrument :

MSVOA_U

ClientSampled :

BFX99

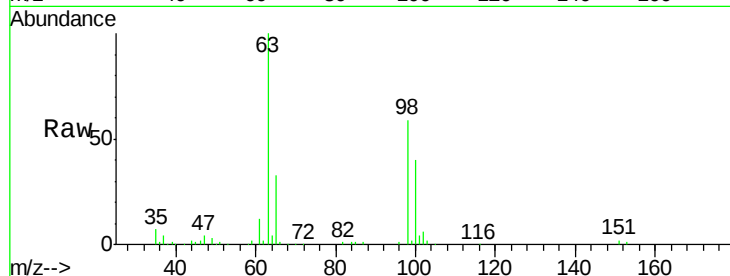
Tot Ion:101 Resp: 3824

Ion Ratio Lower Upper

101 100

85 25.8 34.0 51.0#

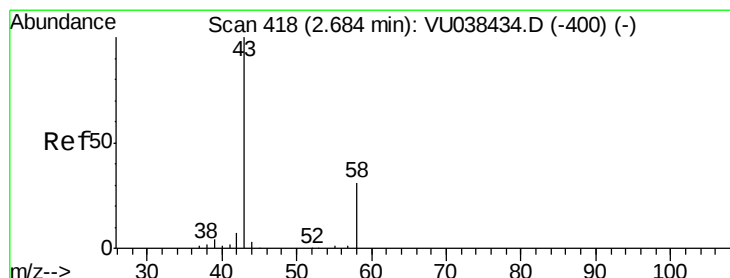
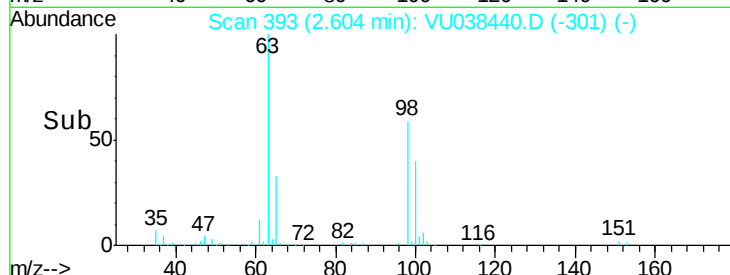
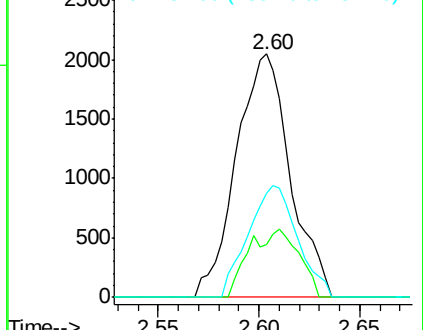
151 41.8 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.426 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038440.D

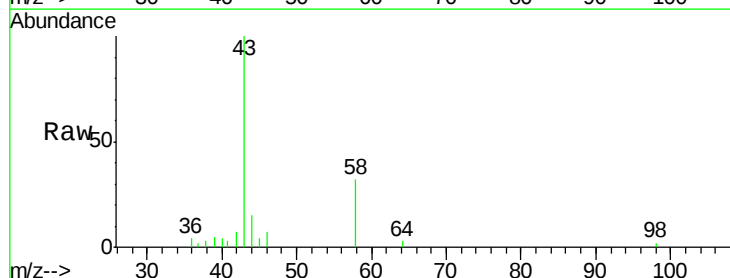
Acq: 31 May 2020 02:24

Tgt Ion: 43 Resp: 18400

Ion Ratio Lower Upper

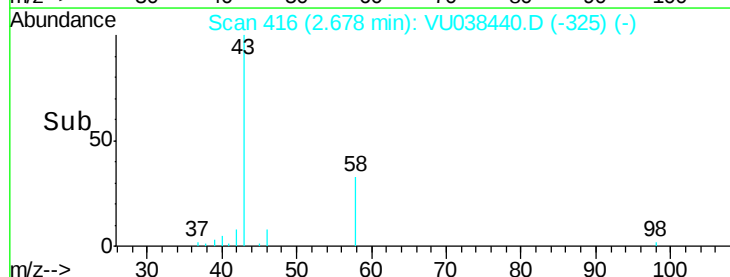
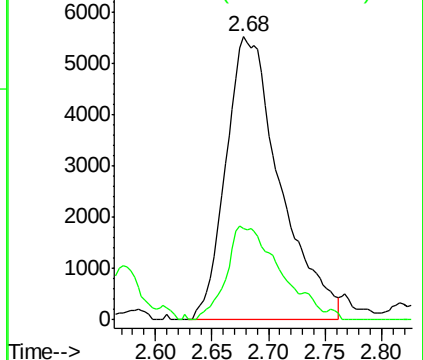
43 100

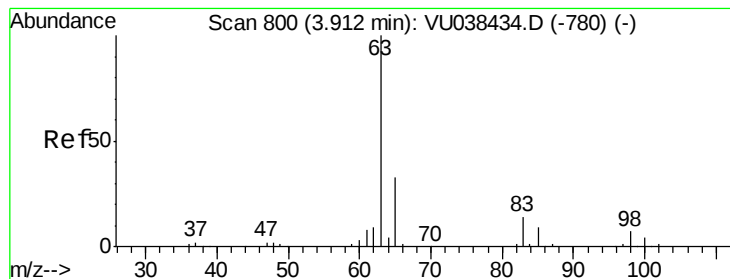
58 32.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#19

1,1-Dichloroethane

Concen: 0.137 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.00 min

Lab File: VU038440.D

Acq: 31 May 2020 02:24

Instrument :

MSVOA_U

ClientSampleId :

BFX99

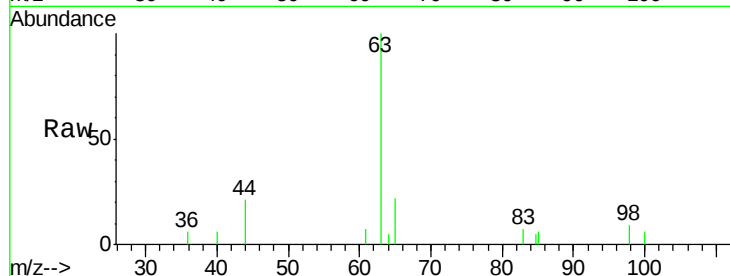
Tot Ion: 63 Resp: 5239

Ion Ratio Lower Upper

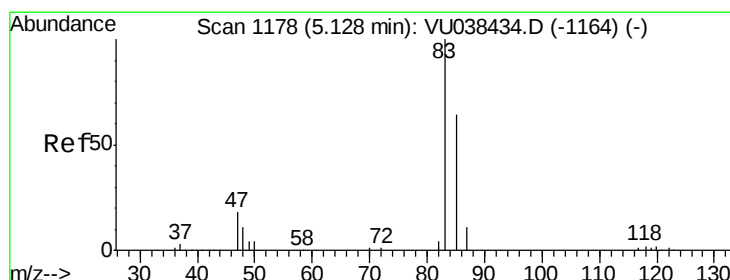
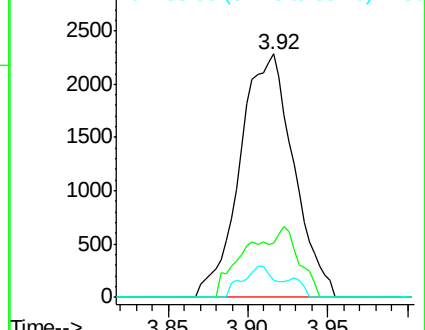
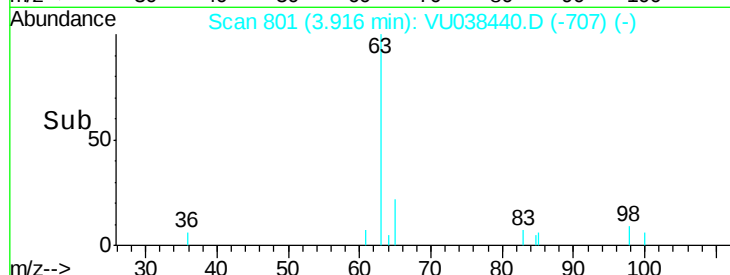
63 100

65 22.4 22.3 41.5

83 6.9 10.4 19.4#



Abundance Ion 63.10 (62.80 to 63.80): VU038440.D (-707) (-)



#25

Chloroform

Concen: 1.445 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038440.D

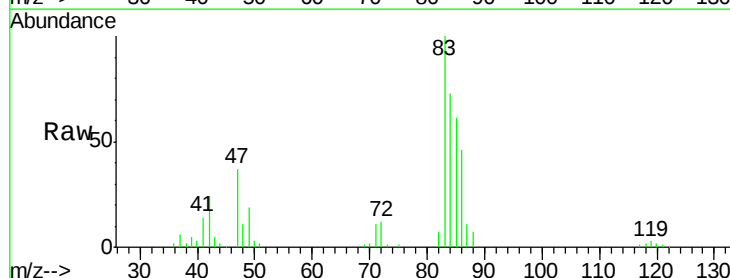
Acq: 31 May 2020 02:24

Tgt Ion: 83 Resp: 56336

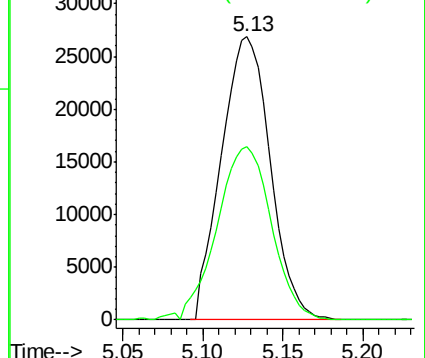
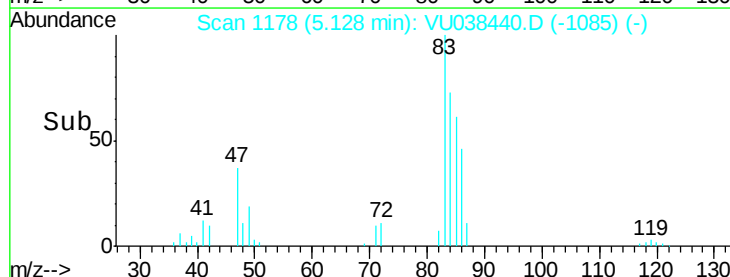
Ion Ratio Lower Upper

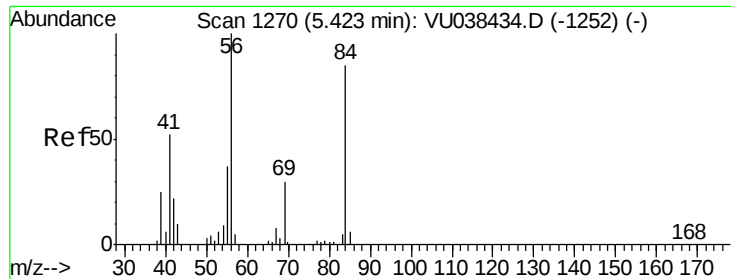
83 100

85 61.1 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU038440.D (-1085) (-)

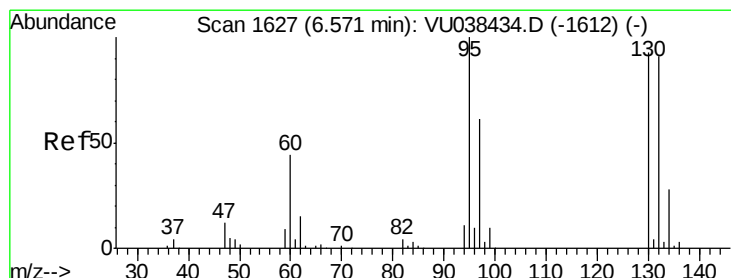
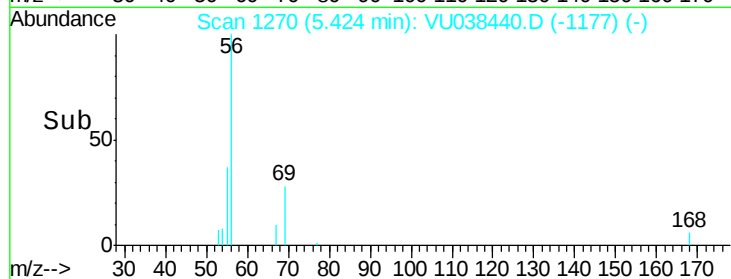
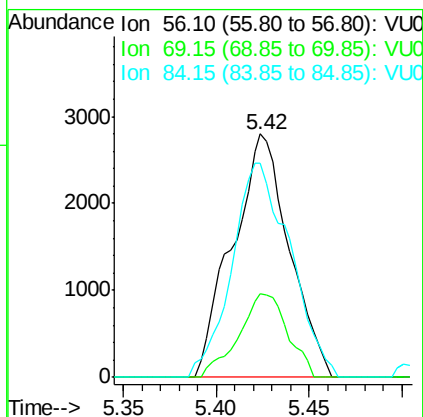
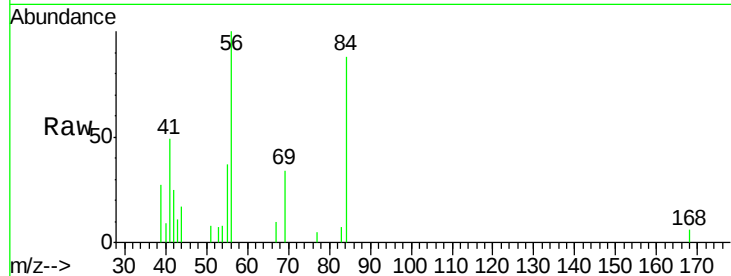




#30
Cyclohexane
Concen: 0.171 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038440.D
Acq: 31 May 2020 02:24

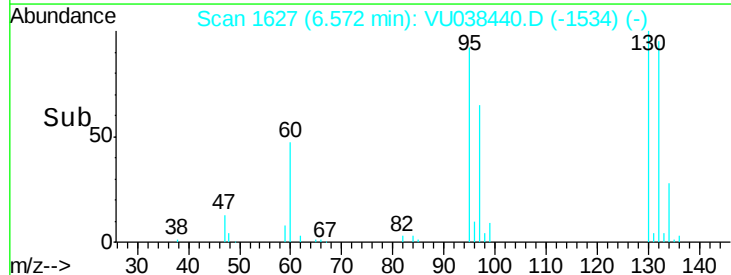
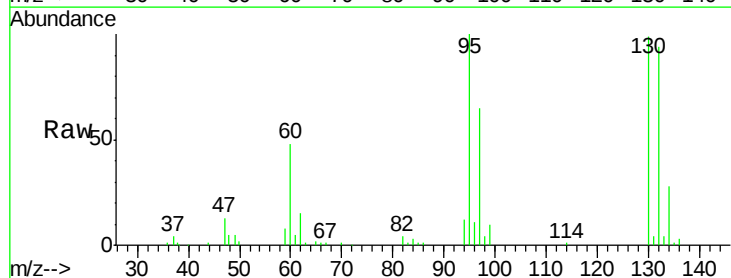
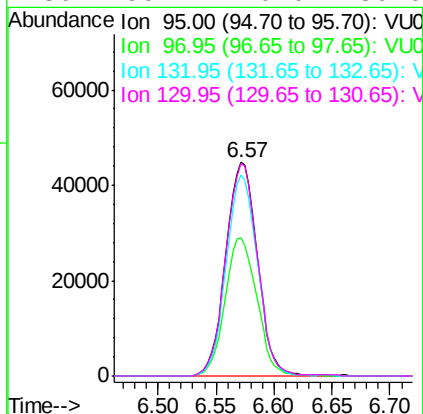
Instrument :
MSVOA_U
ClientSampleId :
BFX99

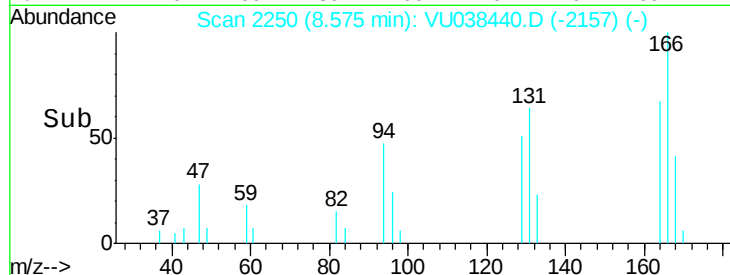
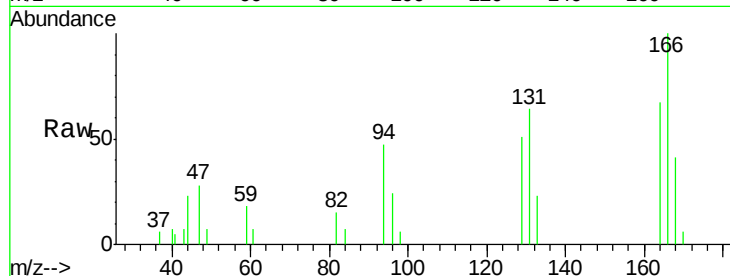
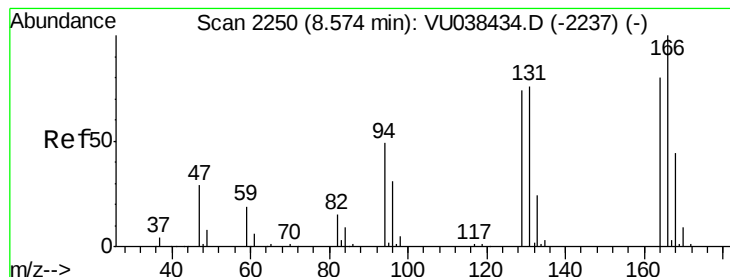
Tot Ion: 56 Resp: 5953
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.4
84 90.7 70.8 106.2



#34
Trichloroethene
Concen: 3.708 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038440.D
Acq: 31 May 2020 02:24

Tgt Ion: 95 Resp: 84402
Ion Ratio Lower Upper
95 100
97 65.0 46.8 87.0
132 93.9 66.1 122.7
130 99.2 70.0 130.0





#47

Tetrachloroethene

Concen: 0.153 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038440.D

Acq: 31 May 2020 02:24

Instrument :

MSVOA_U

ClientSampleId :

BFX99

Tot Ion:164 Resp: 2532

Ion Ratio Lower Upper

164 100

129 75.8 67.4 125.2

131 94.9 64.1 119.1

166 148.5 85.7 159.1

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

