

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039953.D
 Acq On : 24 Aug 2020 17:47
 Operator : SY/MD
 Sample : L3789-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS05

Quant Time: Aug 25 02:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 25 02:02:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31567	5.00	ug/L	0.00

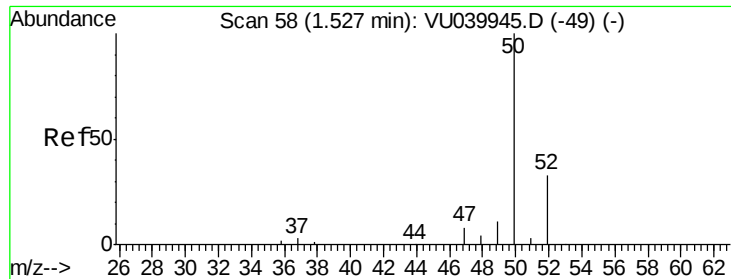
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23286	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.92	69	22327	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.58	63	37720	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.65	46	77682	39.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.62%
24) Chloroform-d	5.08	84	51021	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	29569	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.74	84	95243	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	31929	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	82728	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.19	79	12001	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	60258	42.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23727	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32629	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	4382	0.533 ug/L	93
13) Acetone	2.66	43	6150	4.613 ug/L #	42
22) cis-1,2-Dichloroethene	4.69	96	2923	0.440 ug/L	99
34) Trichloroethene	6.56	95	11562	1.821 ug/L	98
47) Tetrachloroethene	8.56	164	1857256	396.483 ug/L	98

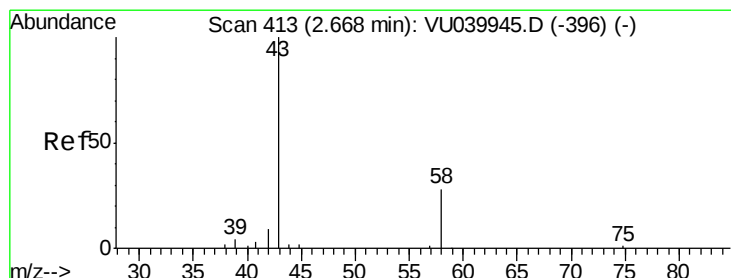
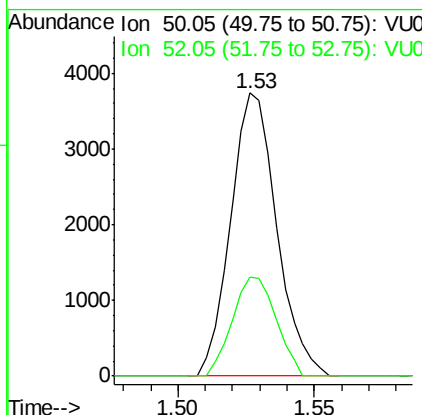
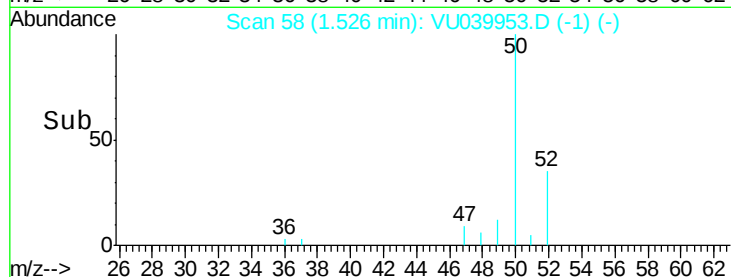
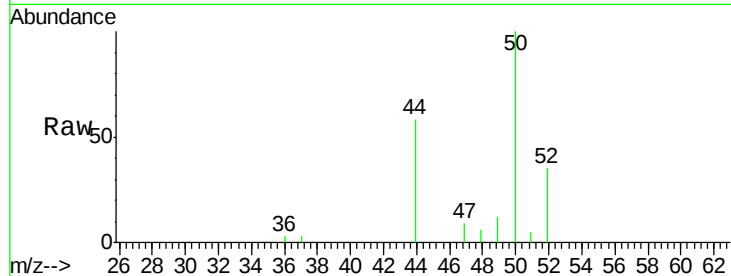
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
 Chloromethane
 Concen: 0.533 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU039953.D
 Acq: 24 Aug 2020 17:47

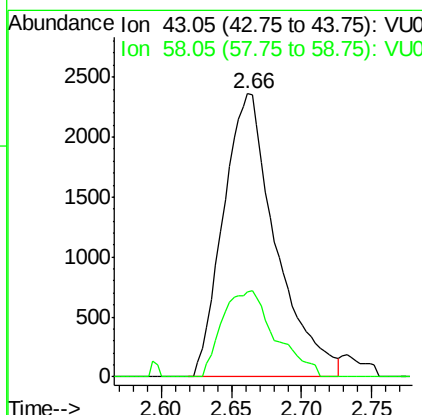
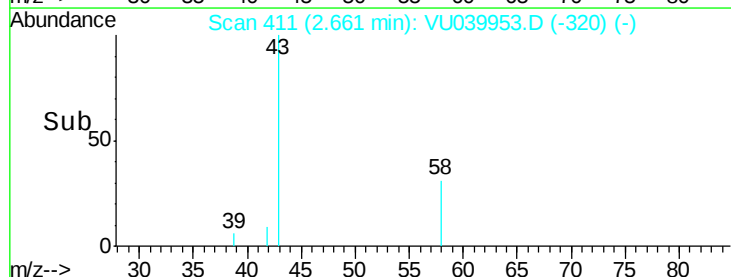
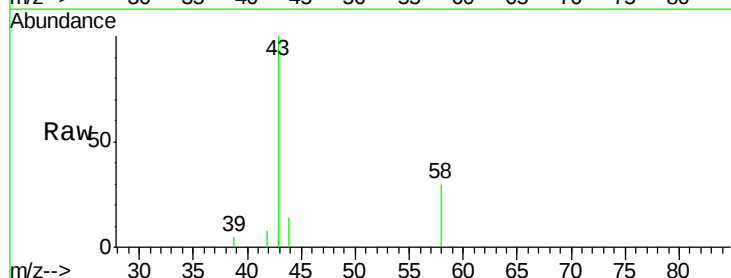
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSD5

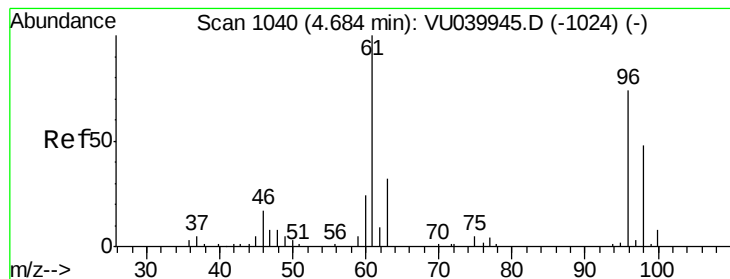
Tot Ion: 50 Resp: 4382
 Ion Ratio Lower Upper
 50 100
 52 35.2 21.9 40.7



#13
 Acetone
 Concen: 4.613 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: VU039953.D
 Acq: 24 Aug 2020 17:47

Tgt Ion: 43 Resp: 6150
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 19.0#





#22

cis-1,2-Dichloroethene

Concen: 0.440 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039953.D

Acq: 24 Aug 2020 17:47

Instrument :

MSVOA_U

ClientSampleId :

BFSD5

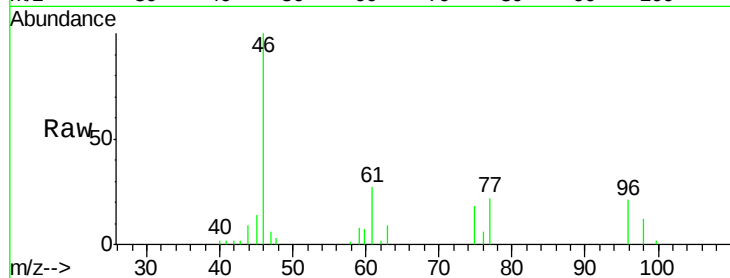
Tot Ion: 96 Resp: 2923

Ion Ratio Lower Upper

96 100

61 128.5 90.9 168.9

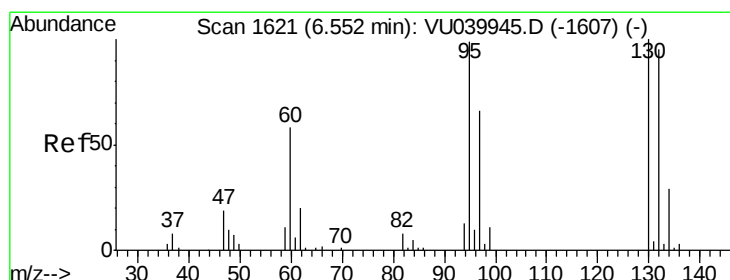
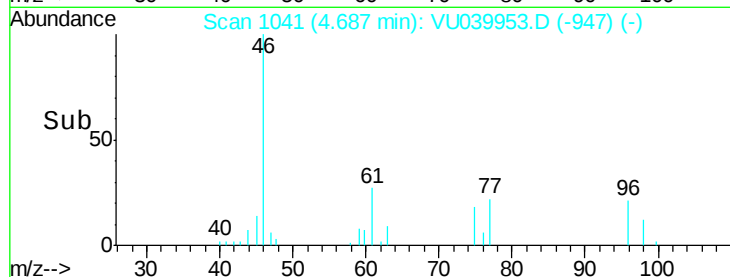
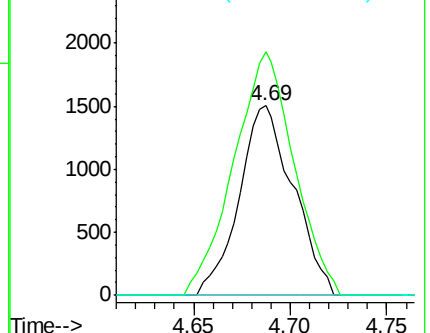
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039945.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU039945.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU039945.D (-1024) (-)



#34

Trichloroethene

Concen: 1.821 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039953.D

Acq: 24 Aug 2020 17:47

Tgt Ion: 95 Resp: 11562

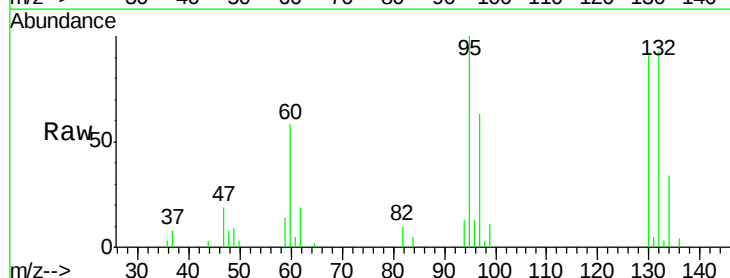
Ion Ratio Lower Upper

95 100

97 63.4 42.0 78.0

132 92.7 65.0 120.8

130 92.0 65.5 121.7

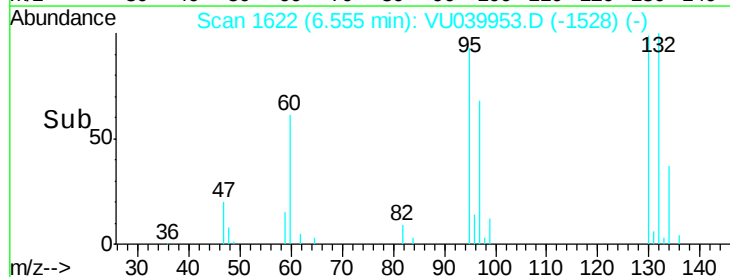
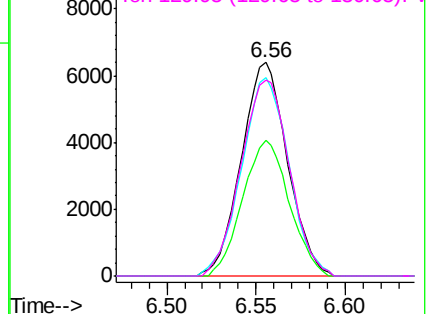


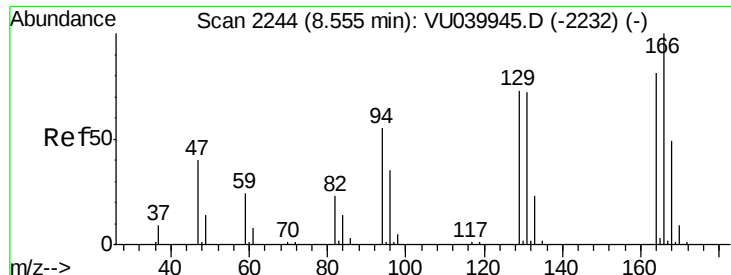
Abundance Ion 95.00 (94.70 to 95.70): VU039945.D (-1607) (-)

Ion 96.95 (96.65 to 97.65): VU039945.D (-1607) (-)

Ion 131.95 (131.65 to 132.65): VU039945.D (-1607) (-)

Ion 129.95 (129.65 to 130.65): VU039945.D (-1607) (-)





#47

Tetrachloroethene

Concen: 396.483 ug/L

RT: 8.56 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VU039953.D

Acq: 24 Aug 2020 17:47

Instrument :

MSVOA_U

ClientSampleId :

BFSD5

Tot Ion:164 Resp: 1857256

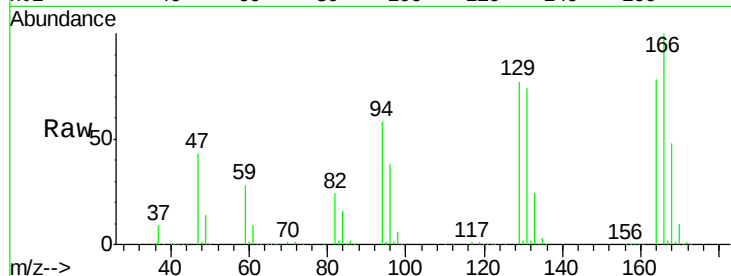
Ion Ratio Lower Upper

164 100

129 98.0 69.1 128.3

131 94.6 66.0 122.6

166 128.0 94.0 174.6



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

