

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039100.D
 Acq On : 25 Jun 2020 06:49
 Operator : SY/MD
 Sample : L3110-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F53

Quant Time: Jun 25 07:17:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 06:40:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	104107	5.00	ug/L	0.00

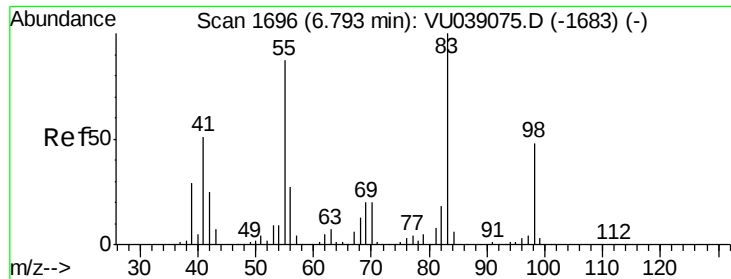
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90034	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.93	69	83935	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.59	63	136915	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.67	46	401931	60.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.04%
24) Chloroform-d	5.10	84	195595	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.74	65	122037	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.76	84	379600	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.72	67	127920	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.92	98	292781	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.20	79	49447	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.65	63	301955	56.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114788	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	115373	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

					Ovalue
35) Methylcyclohexane	6.72	83	30642	1.063 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13994	0.643 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3151	0.105 ug/L #	50
47) Tetrachloroethene	8.57	164	29126	2.081 ug/L	98
48) 2-Hexanone	8.65	43	38974	3.274 ug/L #	69
49) Dibromochloromethane	8.57	129	28446	1.618 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	14519	0.885 ug/L #	88

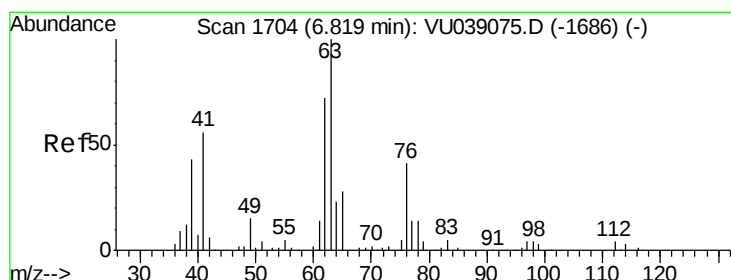
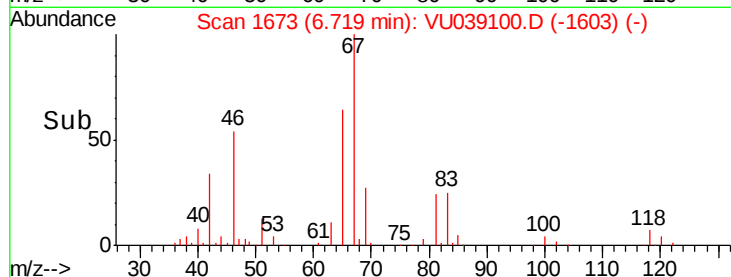
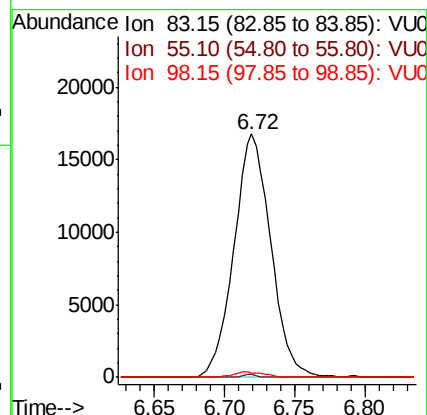
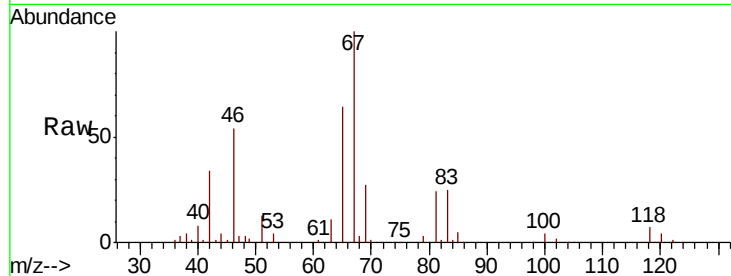
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#35
Methvlcvclohexane
Concen: 1.063 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039100.D
Acq: 25 Jun 2020 06:49

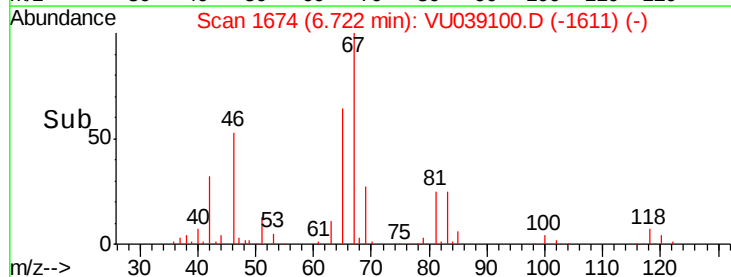
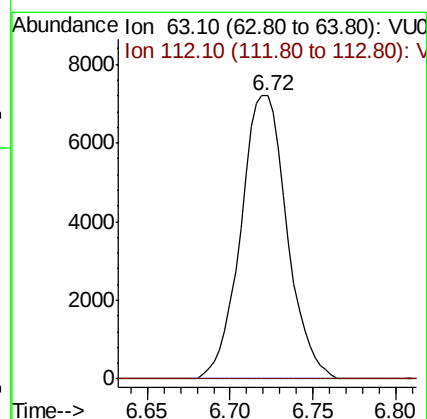
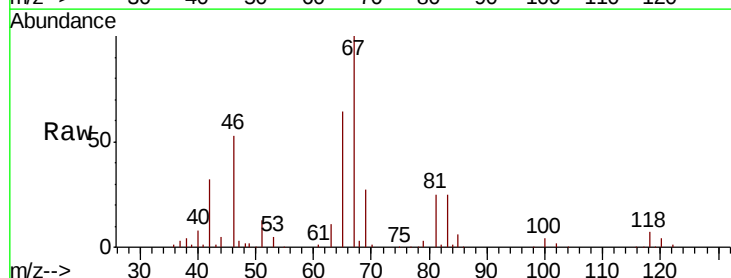
Instrument :
MSVOA_U
ClientSampleId :
F9F53

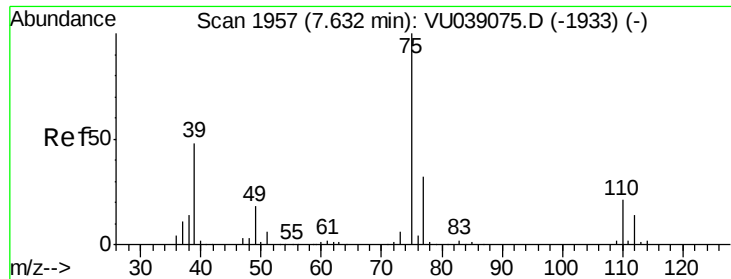
Tot Ion: 83 Resp: 30642
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.7 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039100.D
Acq: 25 Jun 2020 06:49

Tgt Ion: 63 Resp: 13994
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

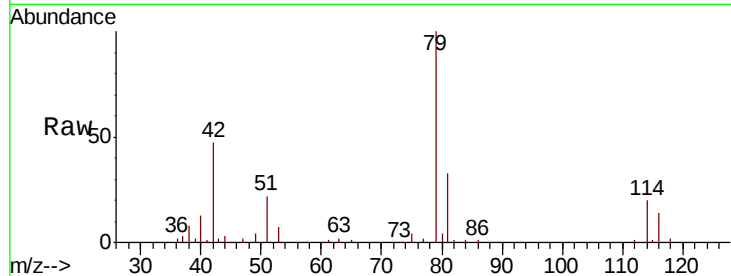




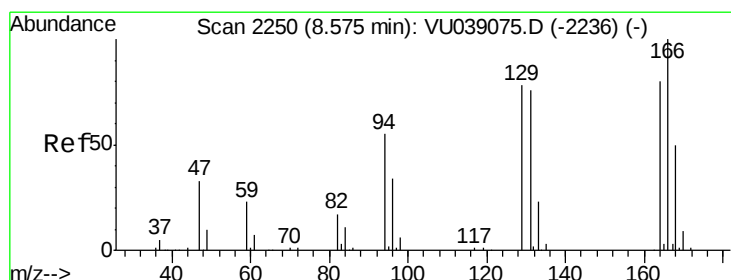
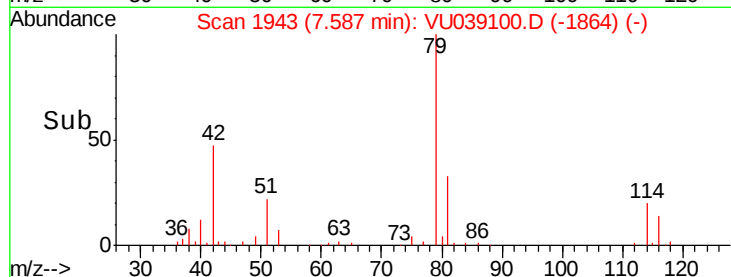
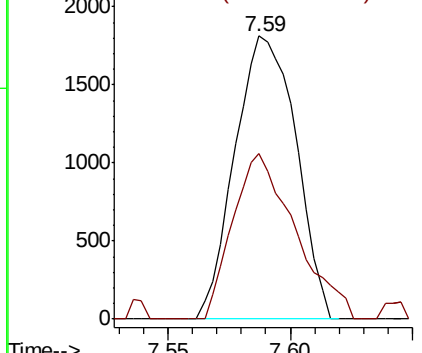
#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039100.D
 Acq: 25 Jun 2020 06:49

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F53

Tot Ion: 75 Resp: 3151
 Ion Ratio Lower Upper
 75 100
 77 58.4 21.6 40.0#

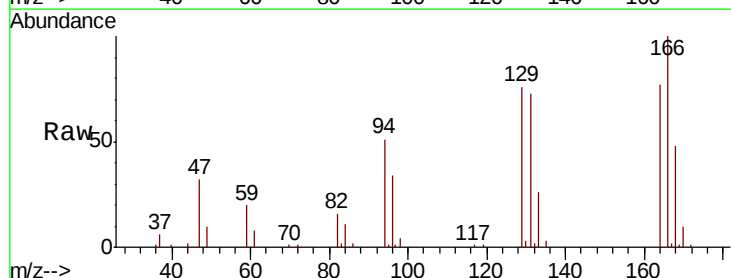


Abundance Ion 75.05 (74.75 to 75.75): VU039100.D (-1933) (-)
 Ion 77.05 (76.75 to 77.75): VU039100.D (-1933) (-)

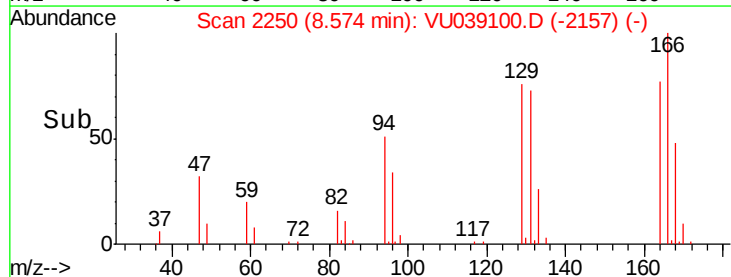
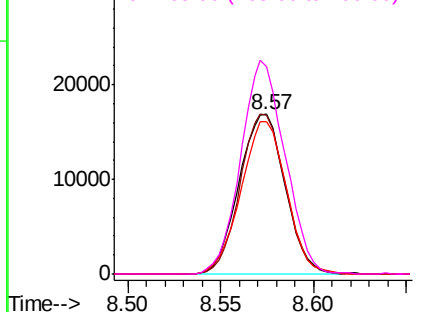


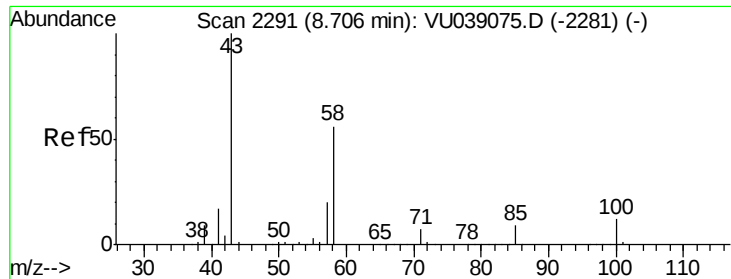
#47
 Tetrachloroethene
 Concen: 2.081 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU039100.D
 Acq: 25 Jun 2020 06:49

Tgt Ion: 164 Resp: 29126
 Ion Ratio Lower Upper
 164 100
 129 99.4 71.3 132.5
 131 95.4 68.3 126.8
 166 130.0 90.8 168.6



Abundance Ion 163.90 (163.60 to 164.60): VU039100.D (-2236) (-)
 Ion 128.95 (128.65 to 129.65): VU039100.D (-2236) (-)
 Ion 130.95 (130.65 to 131.65): VU039100.D (-2236) (-)
 Ion 165.90 (165.60 to 166.60): VU039100.D (-2236) (-)

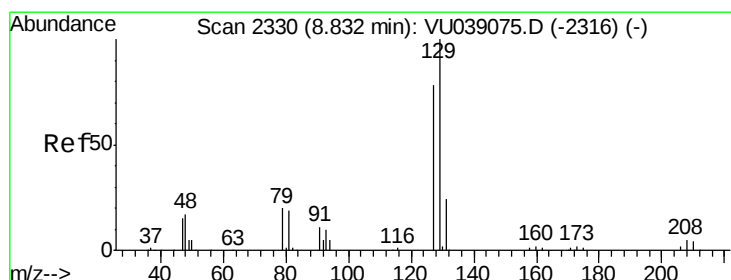
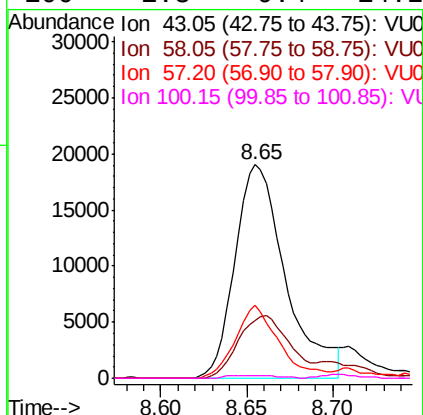
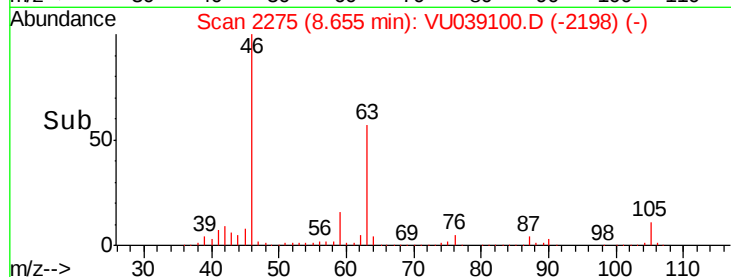
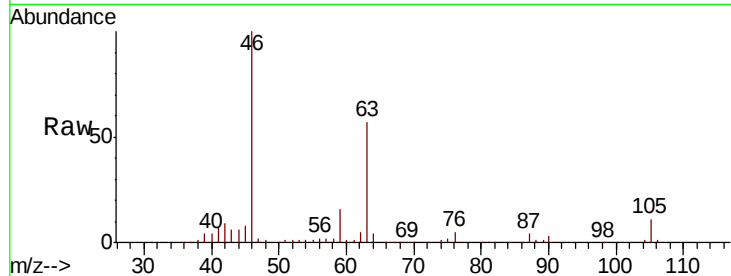




#48
2-Hexanone
Concen: 3.274 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039100.D
Acq: 25 Jun 2020 06:49

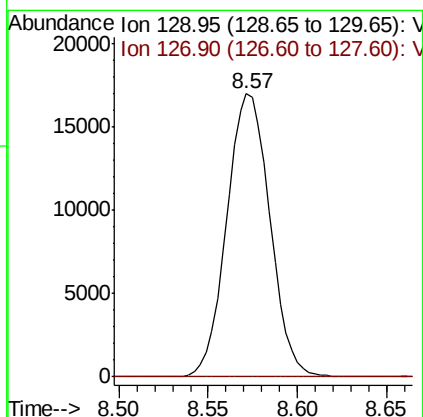
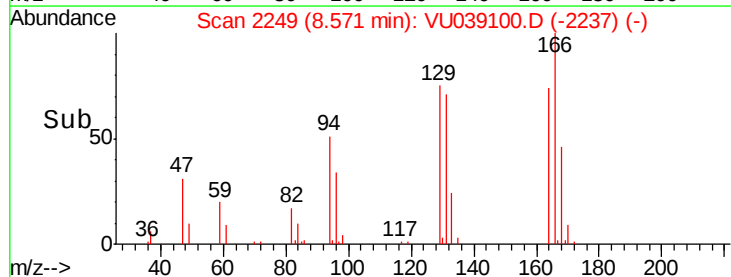
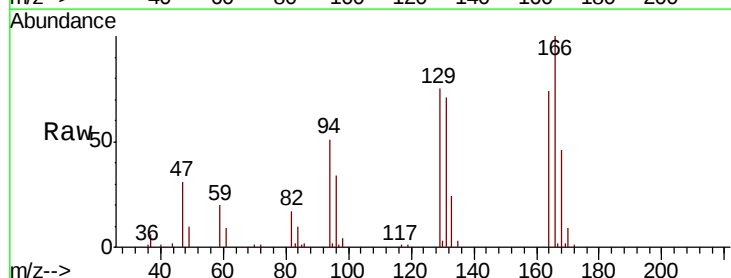
Instrument :
MSVOA_U
ClientSampleId :
F9F53

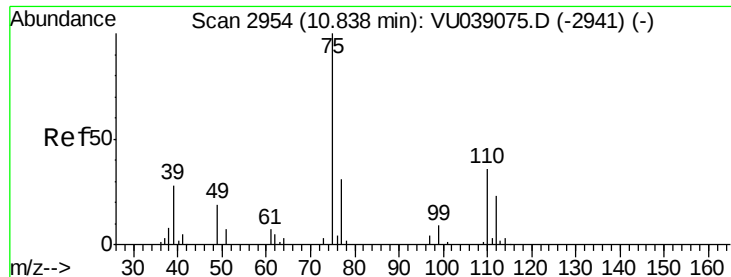
Tot Ion: 43 Resp: 38974
Ion Ratio Lower Upper
43 100
58 29.8 44.0 66.0#
57 29.6 15.0 22.6#
100 1.3 9.4 14.2#



#49
Dibromochloromethane
Concen: 1.618 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU039100.D
Acq: 25 Jun 2020 06:49

Tgt Ion: 129 Resp: 28446
Ion Ratio Lower Upper
129 100
127 0.0 55.4 103.0#





#59

1,2,3-Trichloropropane

Concen: 0.885 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039100.D

Acq: 25 Jun 2020 06:49

Instrument :

MSVOA_U

ClientSampleId :

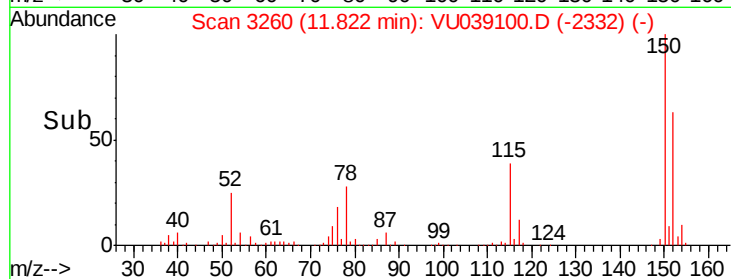
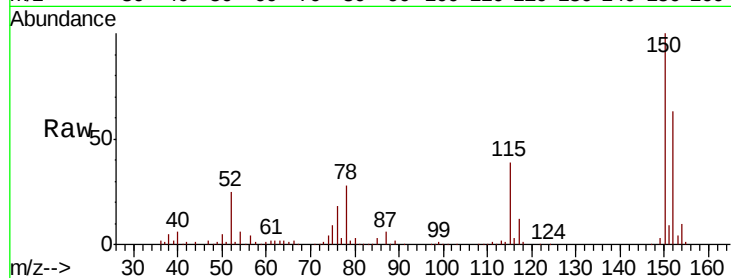
F9F53

Tot Ion: 75 Resp: 14519

Ion Ratio Lower Upper

75 100

77 39.3 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

