

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039064.D
 Acq On : 24 Jun 2020 15:41
 Operator : SY/MD
 Sample : L3109-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F04

Quant Time: Jun 25 02:01:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260919	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	275382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	114065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107062	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.93	69	93398	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.59	63	162215	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.68	46	339117	49.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.36%
24) Chloroform-d	5.10	84	204923	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.74	65	126994	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.76	84	401745	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.72	67	135037	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.92	98	320930	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.20	79	55411	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.65	63	347265	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	125598	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	122785	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

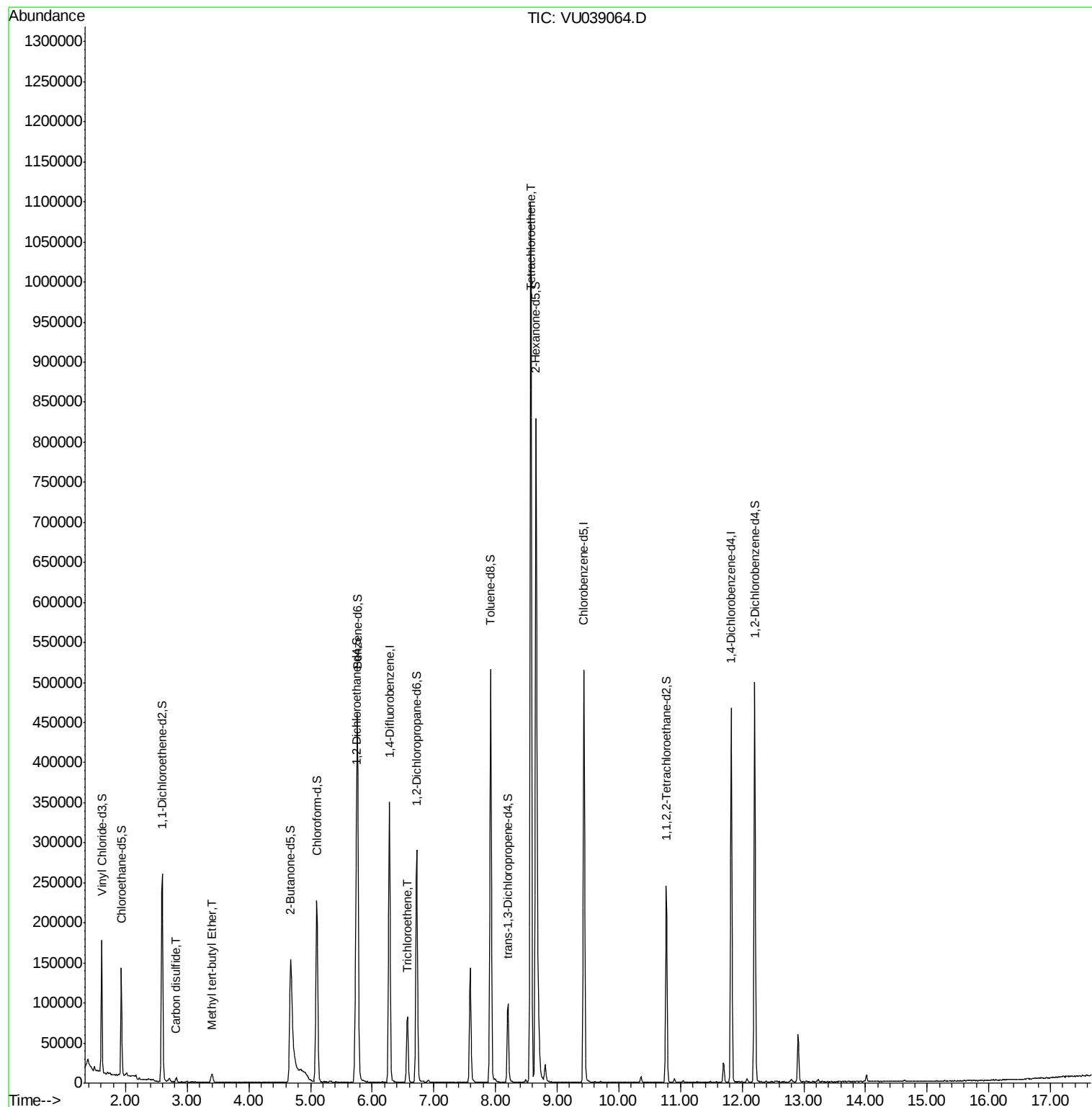
					Ovalue
14) Carbon disulfide	2.82	76	7111	0.118 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	10548	0.205 ug/L #	91
34) Trichloroethene	6.57	95	26451	1.264 ug/L	96
47) Tetrachloroethene	8.57	164	228517	15.150 ug/L	98

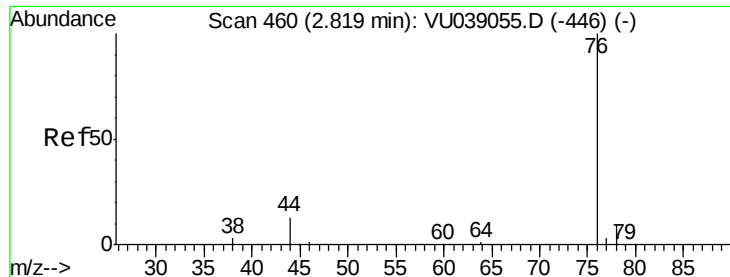
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.118 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU039064.D

Acq: 24 Jun 2020 15:41

Instrument :

MSVOA_U

ClientSampleId :

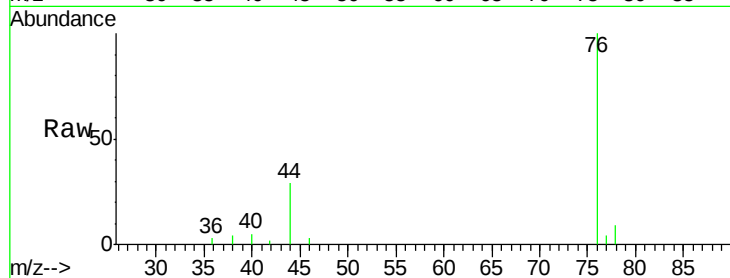
F9F04

Tot Ion: 76 Resp: 7111

Ion Ratio Lower Upper

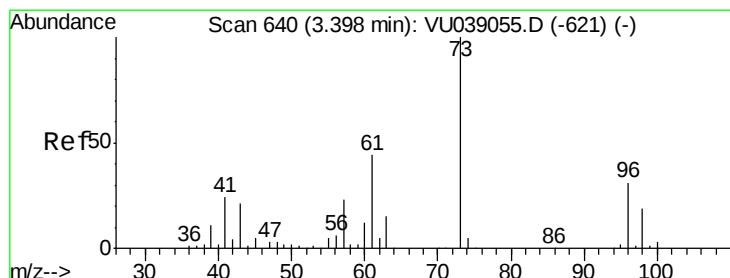
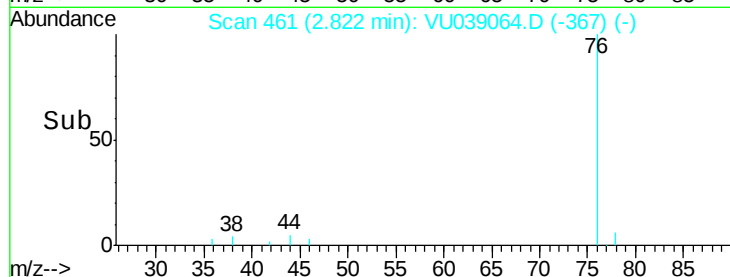
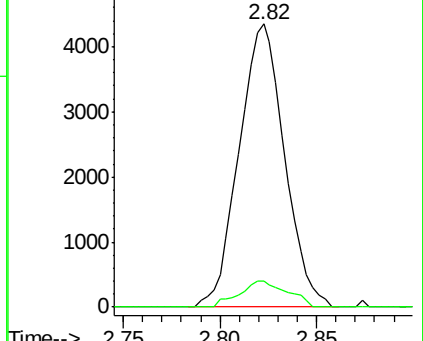
76 100

78 9.2 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VU039055.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU039055.D (-446) (-)



#17

Methyl tert-butyl Ether

Concen: 0.205 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU039064.D

Acq: 24 Jun 2020 15:41

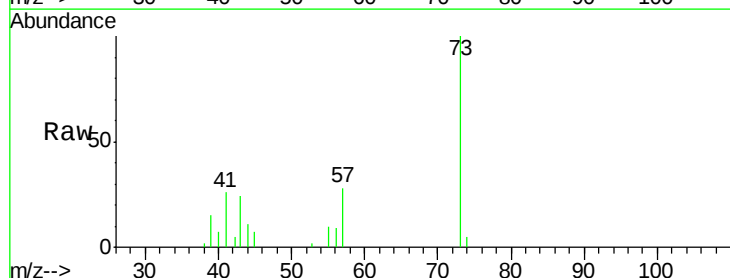
Tgt Ion: 73 Resp: 10548

Ion Ratio Lower Upper

73 100

43 26.5 16.6 24.8#

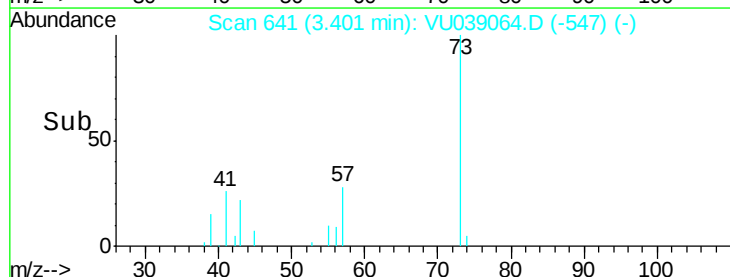
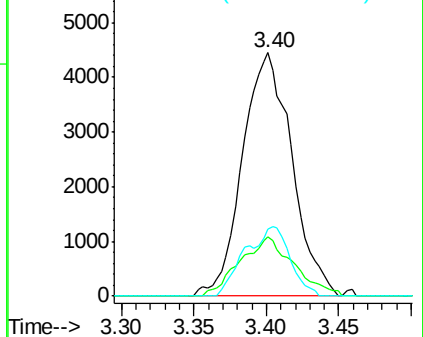
57 25.9 18.2 27.4

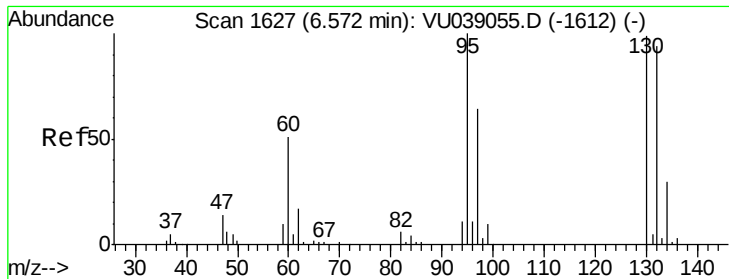


Abundance Ion 73.10 (72.80 to 73.80): VU039055.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU039055.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU039055.D (-621) (-)





#34

Trichloroethene

Concen: 1.264 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU039064.D

Acq: 24 Jun 2020 15:41

Instrument :

MSVOA_U

ClientSampled :

F9F04

Tot Ion: 95 Resp: 26451

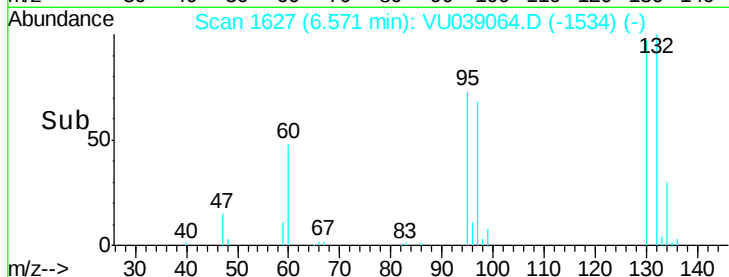
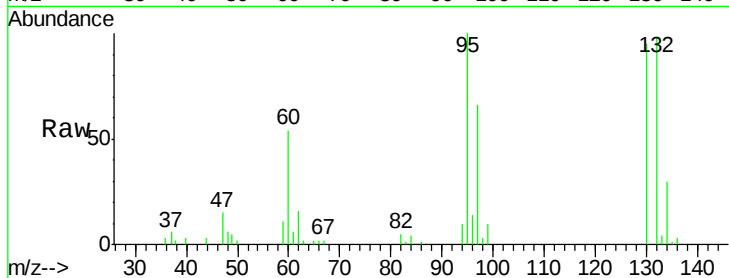
Ion Ratio Lower Upper

95 100

97 66.5 45.1 83.7

132 97.8 65.1 120.9

130 95.3 68.6 127.4

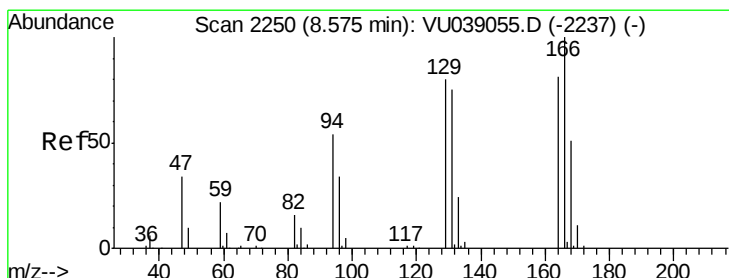
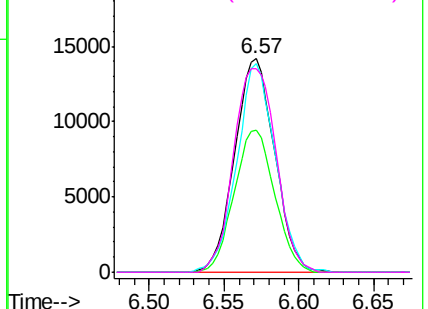


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 15.150 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039064.D

Acq: 24 Jun 2020 15:41

Tgt Ion:164 Resp: 228517

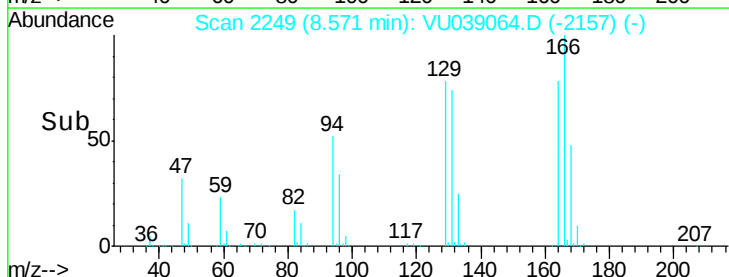
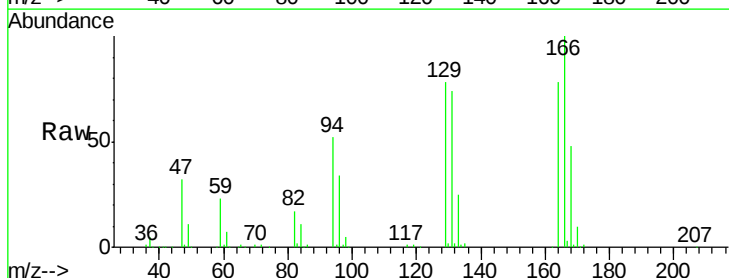
Ion Ratio Lower Upper

164 100

129 100.0 71.3 132.5

131 94.3 68.3 126.8

166 127.5 90.8 168.6



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

