

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035424.D
 Acq On : 23 Oct 2019 22:08
 Operator : JC/SP
 Sample : K5488-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G50

Quant Time: Oct 24 06:55:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 05:20:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	212507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	216953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	66182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	51611	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	57646	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.60	63	76508	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.70	46	205421	55.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.34%
24) Chloroform-d	5.11	84	117989	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	70534	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.77	84	226770	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.74	67	82041	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.93	98	178827	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.22	79	28396	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.70	63	151375	44.90	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	74737	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	57376	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

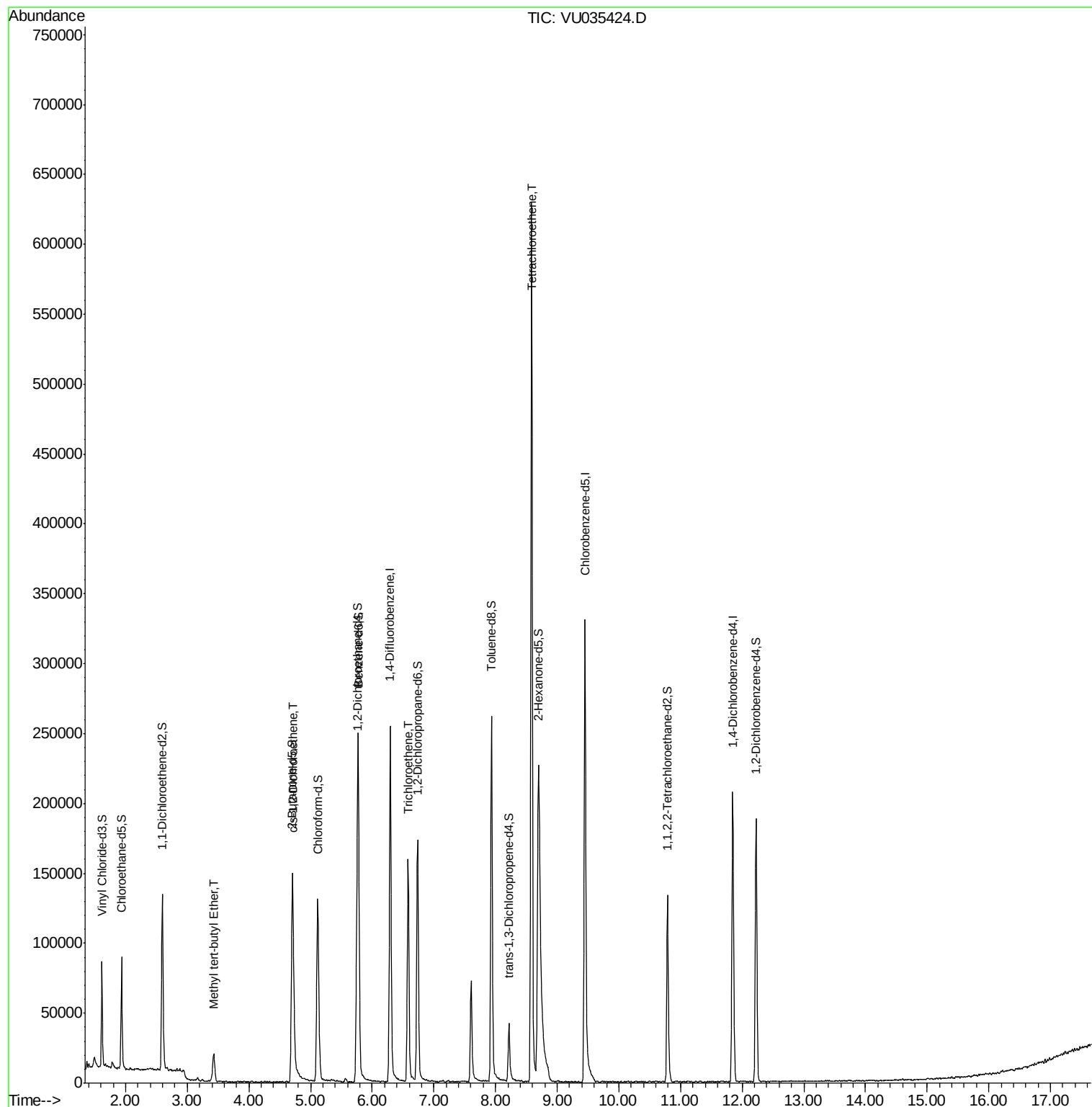
					Ovalue
17) Methyl tert-butyl Ether	3.43	73	21689	0.590 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	16944	1.040 ug/L	99
34) Trichloroethene	6.58	95	53931	3.143 ug/L	97
47) Tetrachloroethene	8.58	164	144723	10.122 ug/L	98

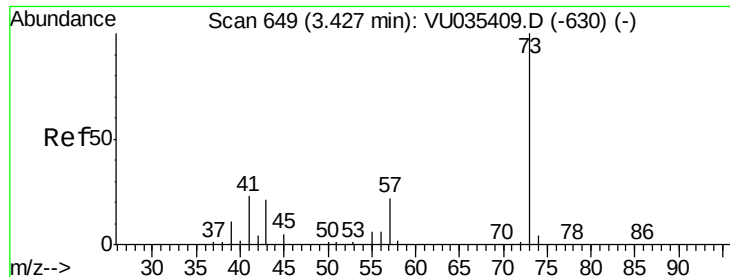
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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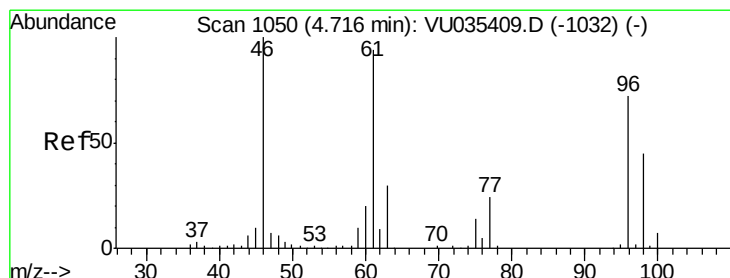
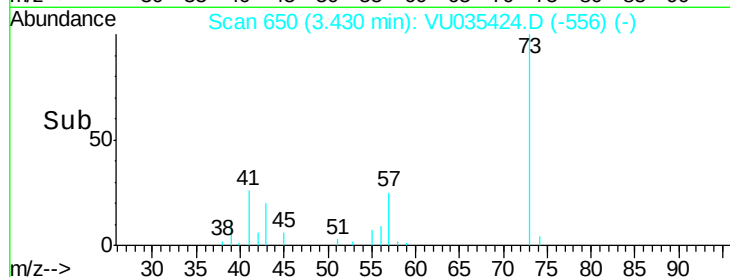
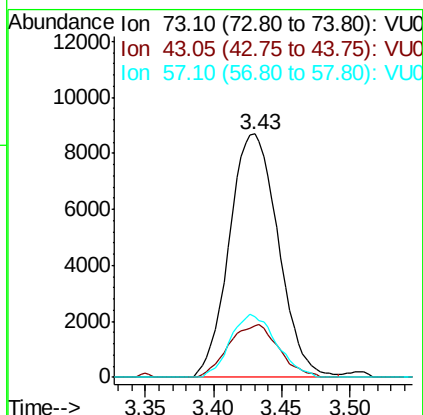
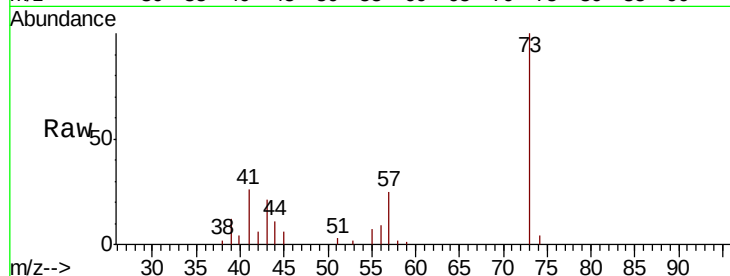




#17
Methyl tert-butyl Ether
Concen: 0.590 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035424.D
Acq: 23 Oct 2019 22:08

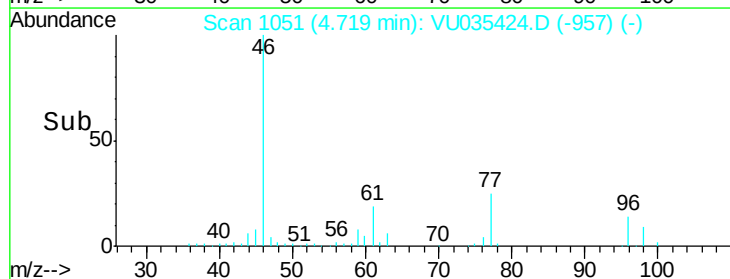
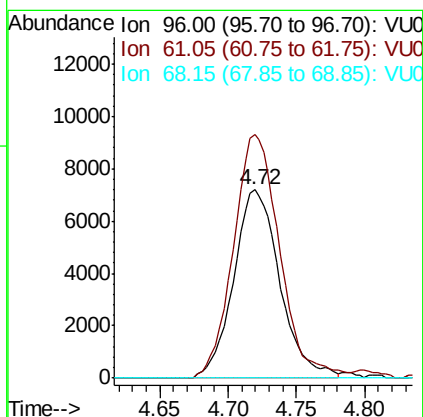
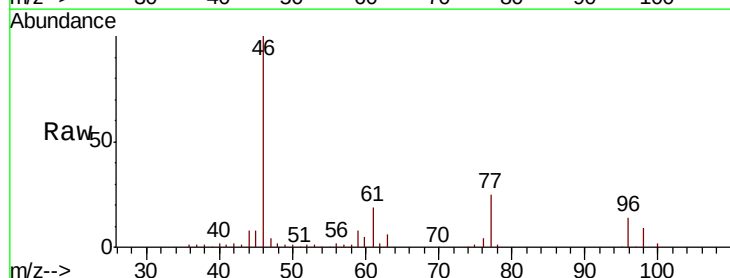
Instrument :
MSVOA_U
ClientSampleId :
H0G50

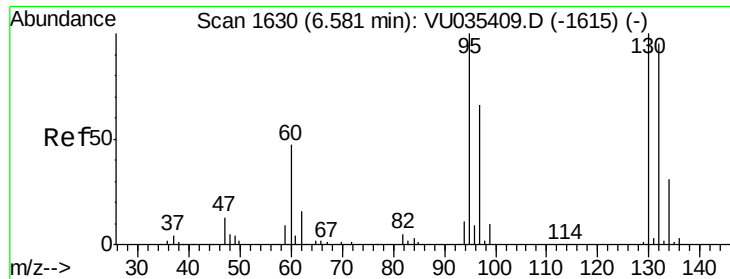
Tot Ion: 73 Resp: 21689
Ion Ratio Lower Upper
73 100
43 22.1 16.0 24.0
57 24.3 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 1.040 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035424.D
Acq: 23 Oct 2019 22:08

Tgt Ion: 96 Resp: 16944
Ion Ratio Lower Upper
96 100
61 129.4 89.7 166.5
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 3.143 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035424.D

Acq: 23 Oct 2019 22:08

Instrument :

MSVOA_U

ClientSampleId :

H0G50

Tot Ion: 95 Resp: 53931

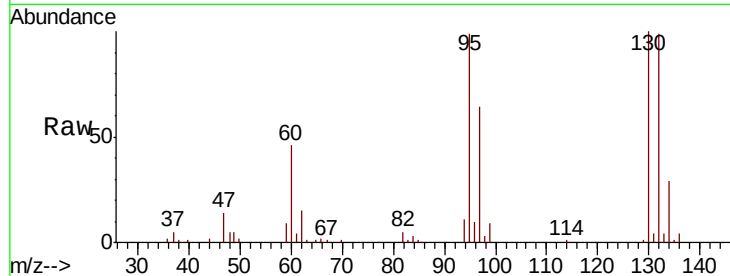
Ion Ratio Lower Upper

95 100

97 65.3 46.6 86.6

132 99.9 68.7 127.7

130 101.4 73.9 137.3

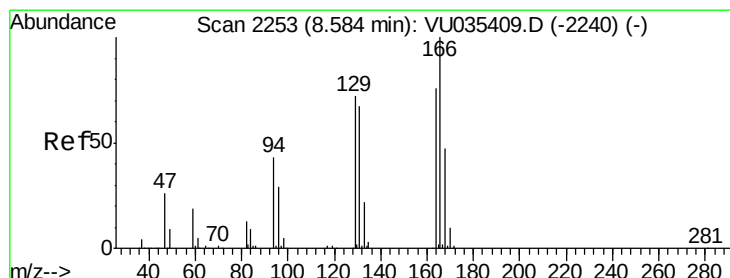
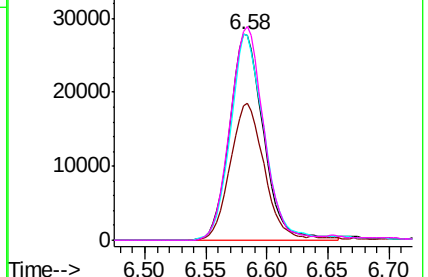
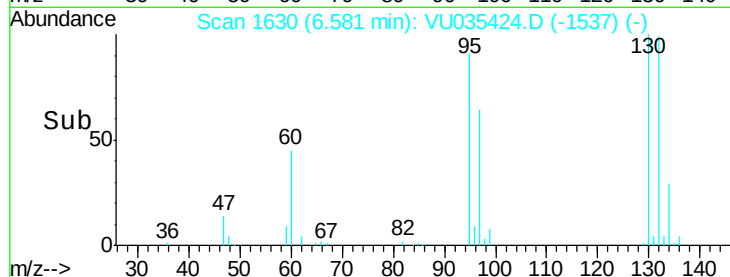


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 10.122 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035424.D

Acq: 23 Oct 2019 22:08

Tgt Ion:164 Resp: 144723

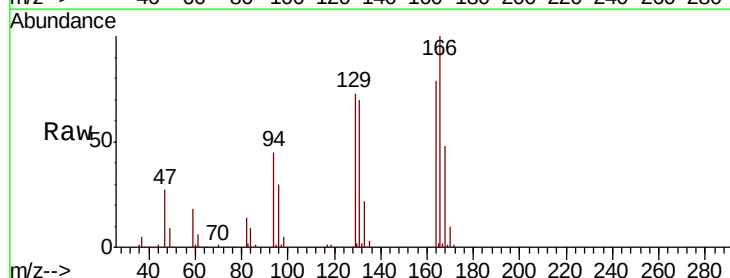
Ion Ratio Lower Upper

164 100

129 92.8 65.2 121.0

131 88.0 62.9 116.9

166 126.4 91.5 169.9



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

