

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040819.D
 Acq On : 19 Oct 2020 21:32
 Operator : SY/MD
 Sample : L4420-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK8

Quant Time: Oct 20 05:40:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46049	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28011	2.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.80%
7) Chloroethane-d5	1.92	69	28695	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.58	63	46841	2.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.00%#
20) 2-Butanone-d5	4.66	46	175975	58.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.26%
24) Chloroform-d	5.08	84	78979	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	50719	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.75	84	130237	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.70	67	49136	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	100362	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	8.19	79	18062	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	115845	50.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45971	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44155	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

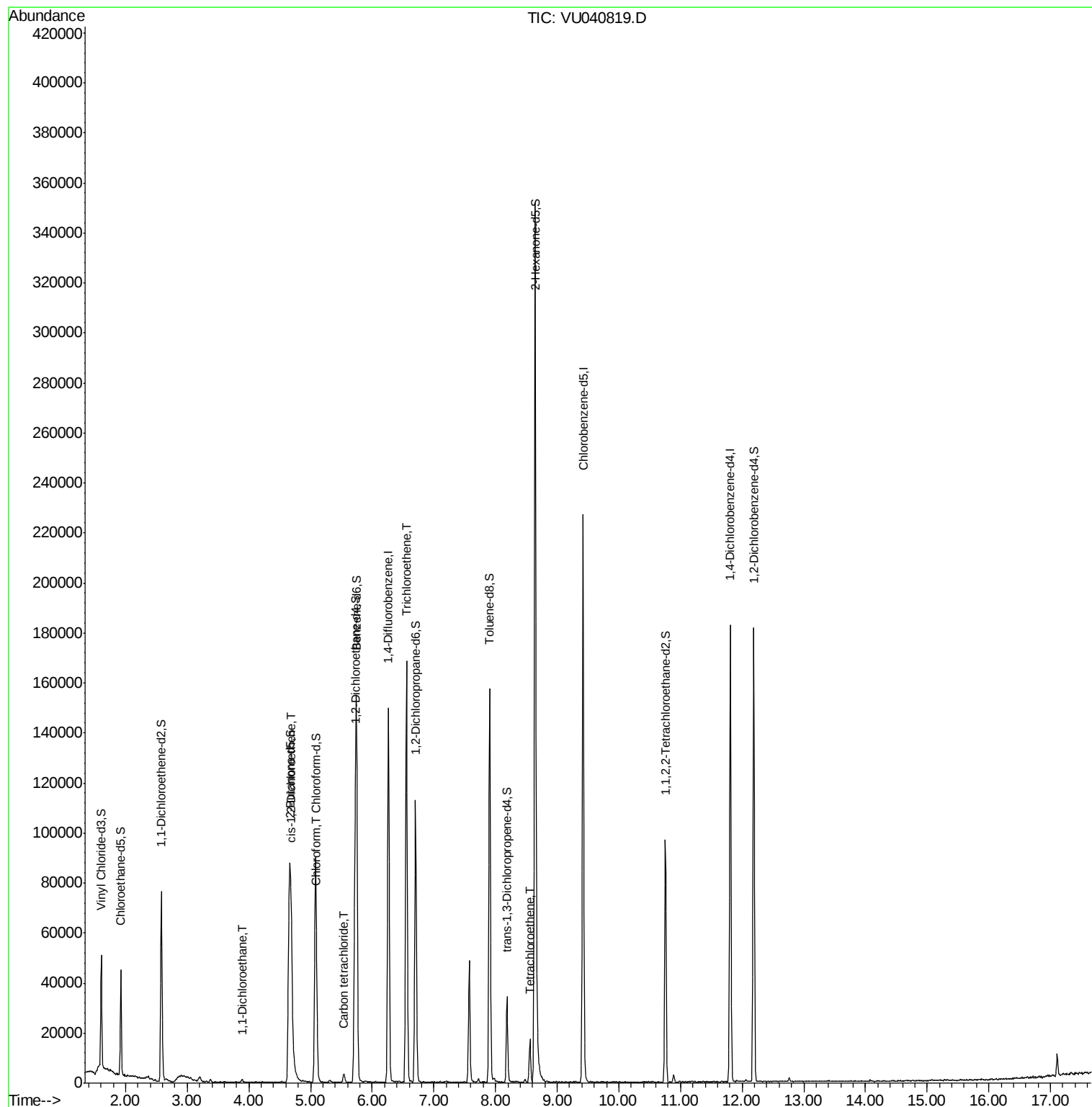
					Ovalue
19) 1,1-Dichloroethane	3.89	63	1508	0.086 ug/L #	81
22) cis-1,2-Dichloroethene	4.69	96	14656	1.607 ug/L	95
25) Chloroform	5.11	83	5174	0.290 ug/L	96
31) Carbon tetrachloride	5.54	117	2286	0.169 ug/L	96
34) Trichloroethene	6.55	95	54992	5.607 ug/L	98
47) Tetrachloroethene	8.56	164	3663	0.523 ug/L	87

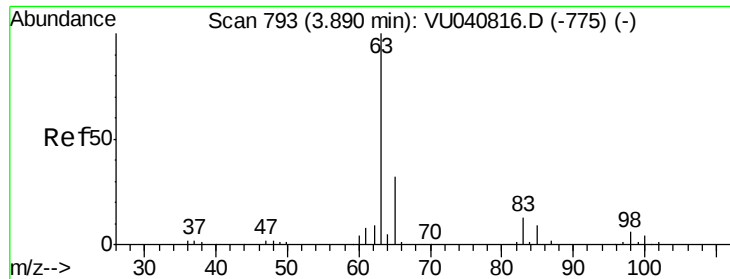
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040819.D
Acq On : 19 Oct 2020 21:32
Operator : SY/MD
Sample : L4420-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK8

Quant Time: Oct 20 05:40:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

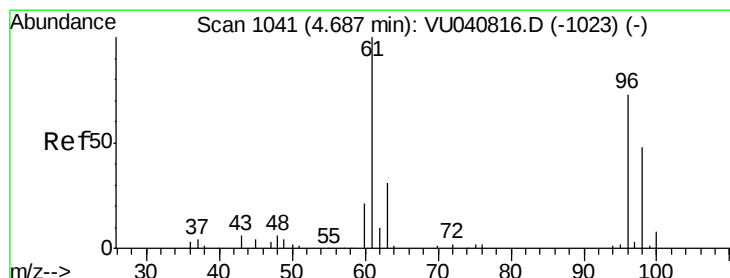
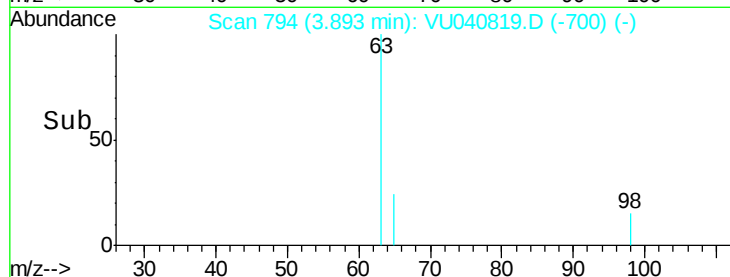
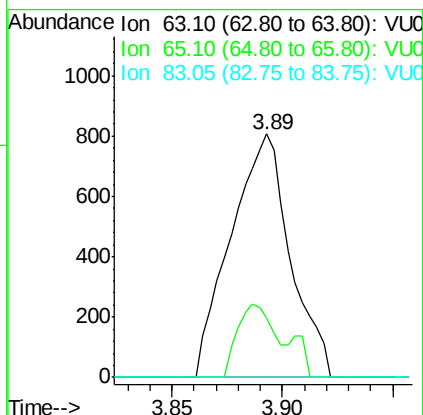
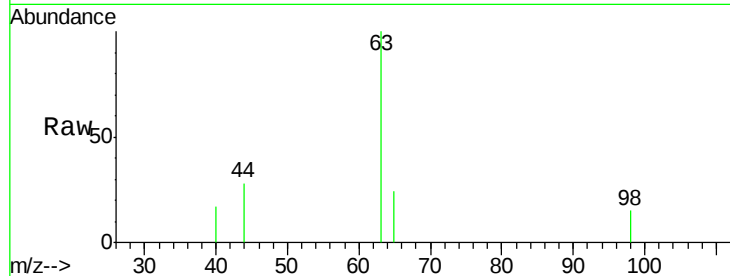




#19
 1,1-Dichloroethane
 Concen: 0.086 ug/L
 RT: 3.89 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VU040819.D
 Acq: 19 Oct 2020 21:32

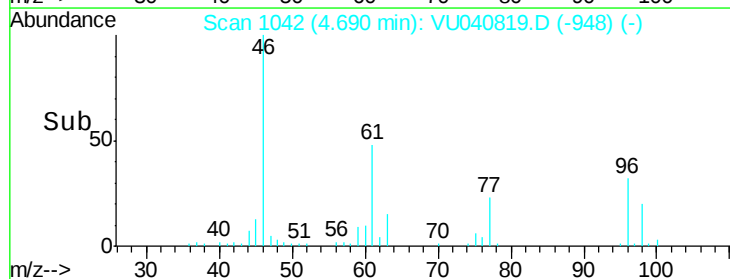
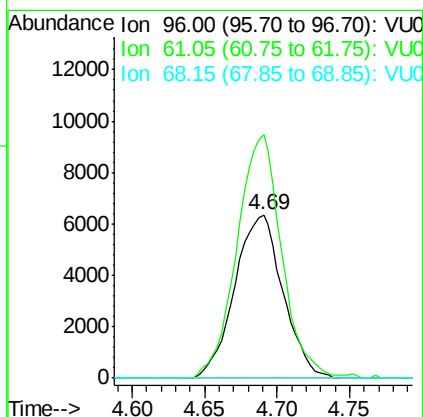
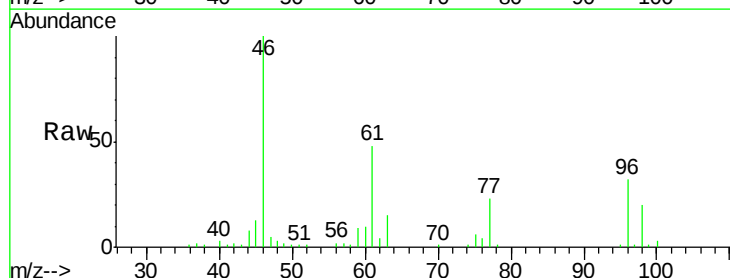
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK8

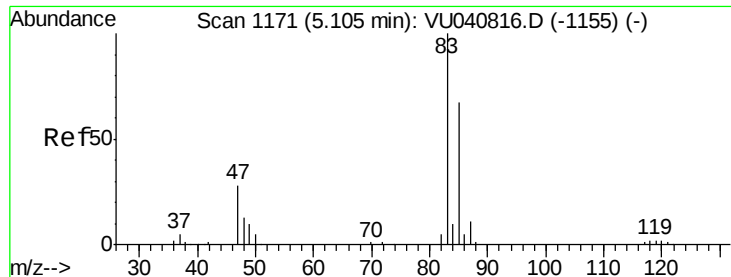
Tot Ion: 63 Resp: 1508
 Ion Ratio Lower Upper
 63 100
 65 24.3 21.9 40.7
 83 0.0 9.6 17.8#



#22
 cis-1,2-Dichloroethene
 Concen: 1.607 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VU040819.D
 Acq: 19 Oct 2020 21:32

Tgt Ion: 96 Resp: 14656
 Ion Ratio Lower Upper
 96 100
 61 149.1 99.8 185.4
 68 0.0 0.0 0.0

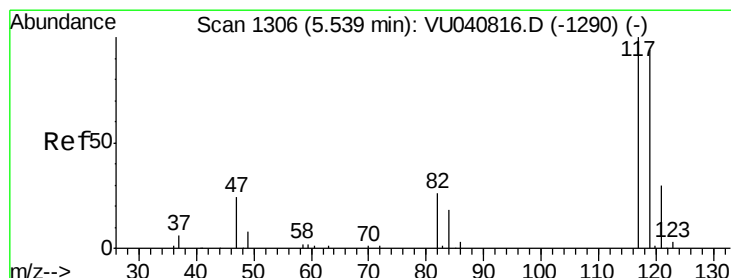
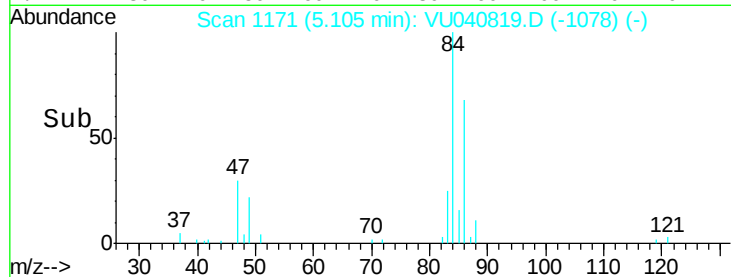
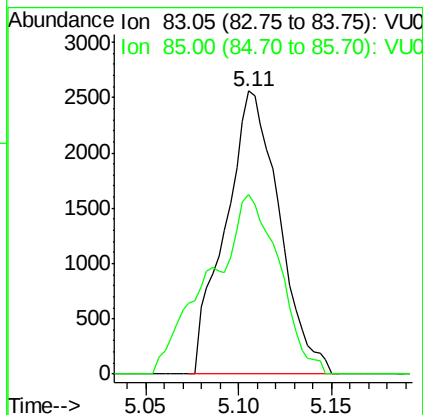
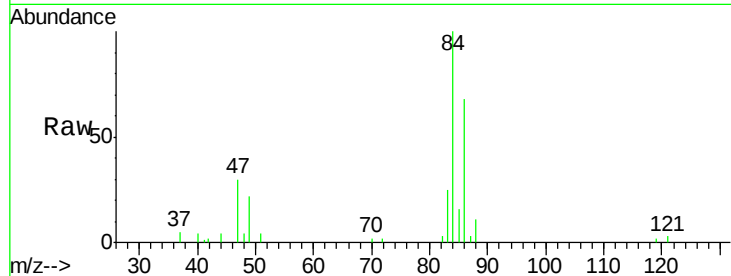




#25
Chloroform
Concen: 0.290 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040819.D
Acq: 19 Oct 2020 21:32

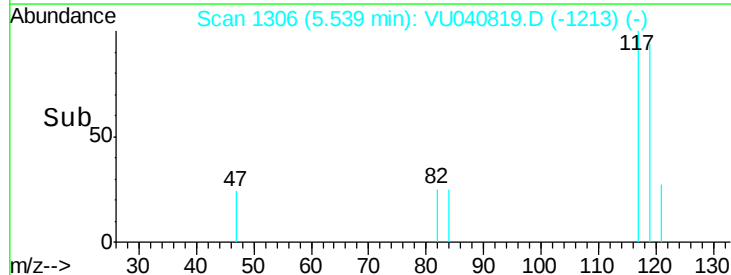
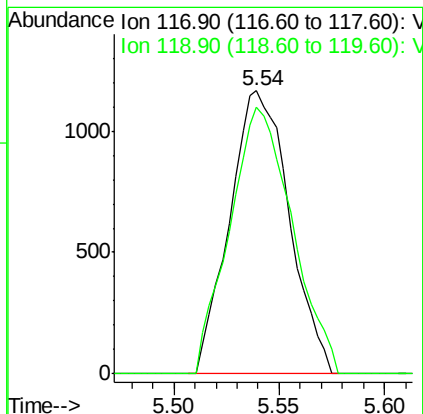
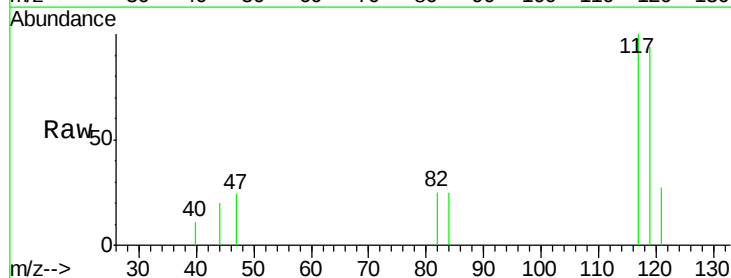
Instrument :
MSVOA_U
ClientSampleId :
C0AK8

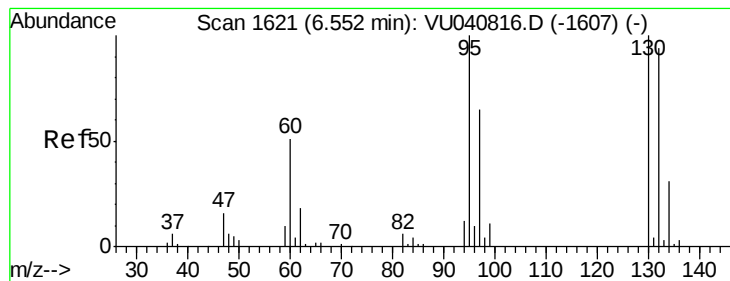
Tot Ion: 83 Resp: 5174
Ion Ratio Lower Upper
83 100
85 63.4 46.5 86.5



#31
Carbon tetrachloride
Concen: 0.169 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU040819.D
Acq: 19 Oct 2020 21:32

Tgt Ion: 117 Resp: 2286
Ion Ratio Lower Upper
117 100
119 98.6 76.2 114.2





#34

Trichloroethene

Concen: 5.607 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040819.D

Acq: 19 Oct 2020 21:32

Instrument :

MSVOA_U

ClientSampleId :

C0AK8

Tot Ion: 95 Resp: 54992

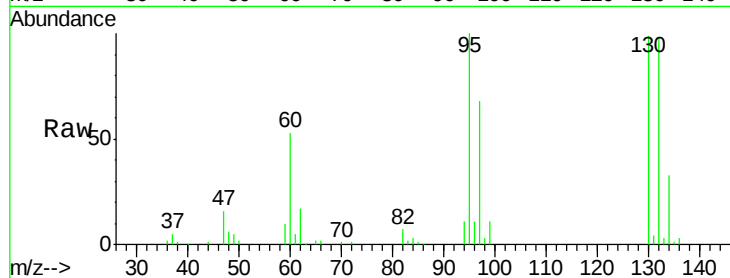
Ion Ratio Lower Upper

95 100

97 68.5 45.5 84.5

132 97.9 67.5 125.4

130 99.3 69.9 129.9

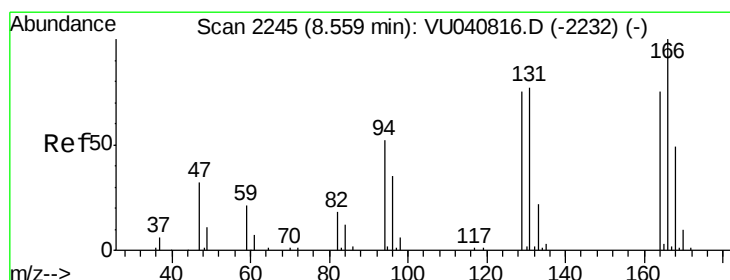
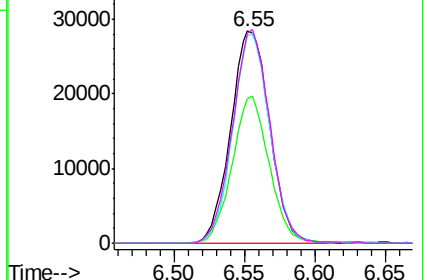
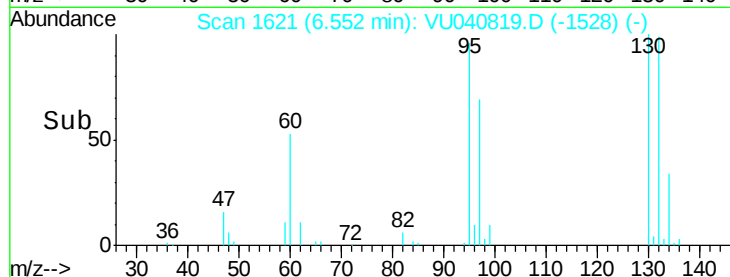


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.523 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040819.D

Acq: 19 Oct 2020 21:32

Tgt Ion: 164 Resp: 3663

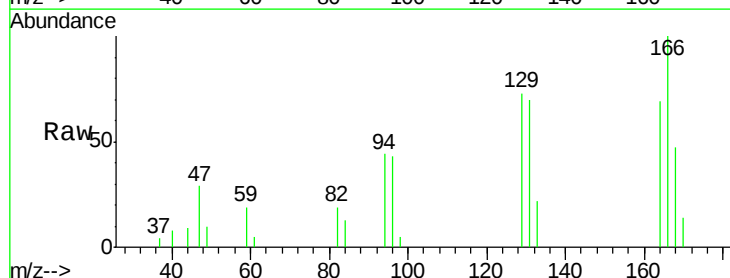
Ion Ratio Lower Upper

164 100

129 105.5 68.8 127.8

131 102.4 66.7 123.9

166 145.4 83.9 155.7



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

