

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040962.D
 Acq On : 26 Oct 2020 23:34
 Operator : SY/MD
 Sample : L4492-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP6

Quant Time: Oct 27 05:52:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56489	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25706	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25453	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.92	69	21340	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.58	63	37639	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.66	46	87871	56.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	5.08	84	45056	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.72	65	28661	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.74	84	81963	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	28090	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	67815	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.19	79	10786	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	73506	58.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26284	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27251	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

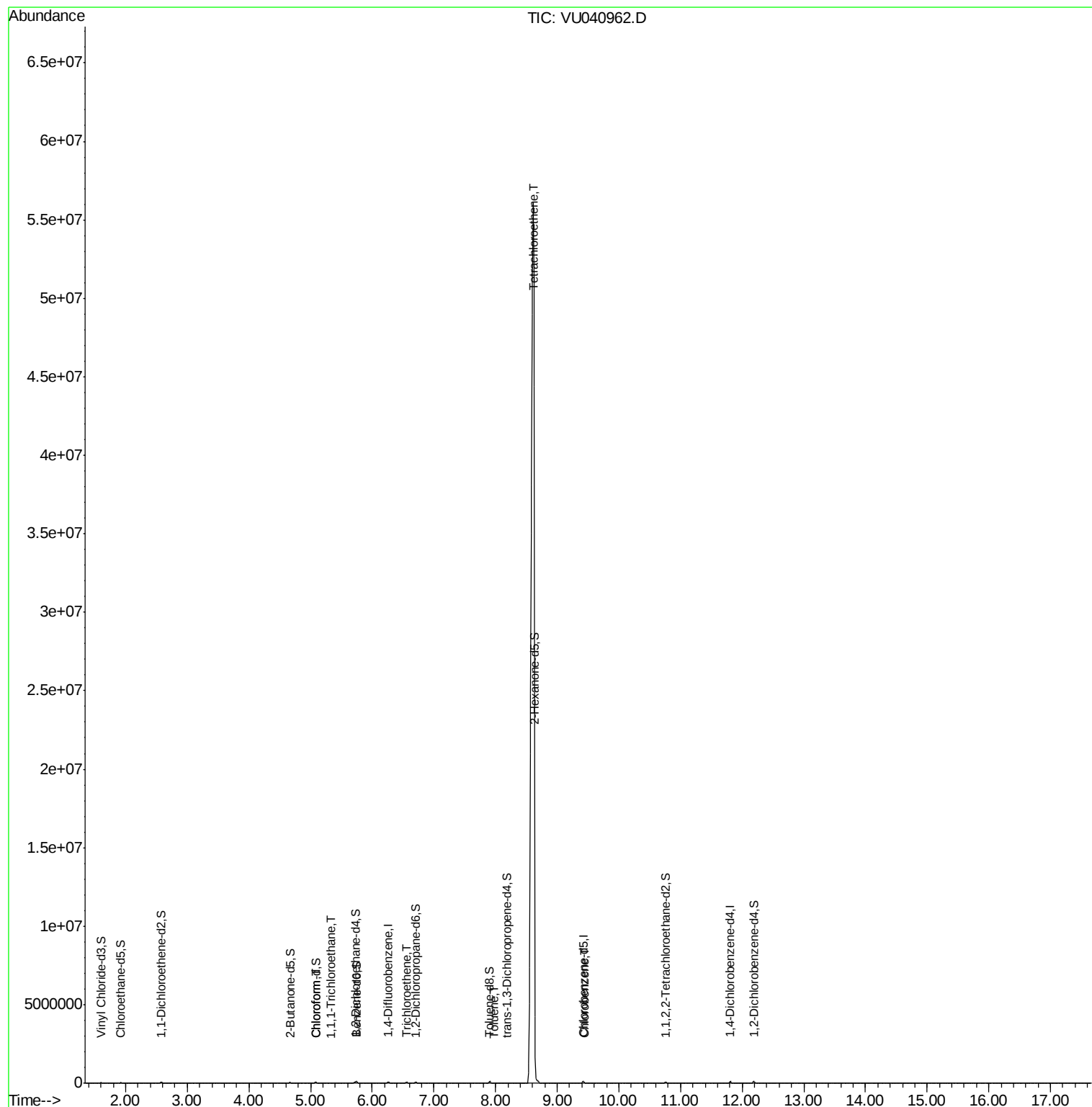
					Ovalue
25) Chloroform	5.11	83	4814	0.592 ug/L	88
29) 1,1,1-Trichloroethane	5.34	97	1328	0.177 ug/L	89
34) Trichloroethene	6.55	95	26720	5.722 ug/L	99
42) Toluene	7.98	91	2505	0.135 ug/L	91
47) Tetrachloroethene	8.62	164	23988889	6986.300 ug/L	92
51) Chlorobenzene	9.45	112	2721	0.231 ug/L	94

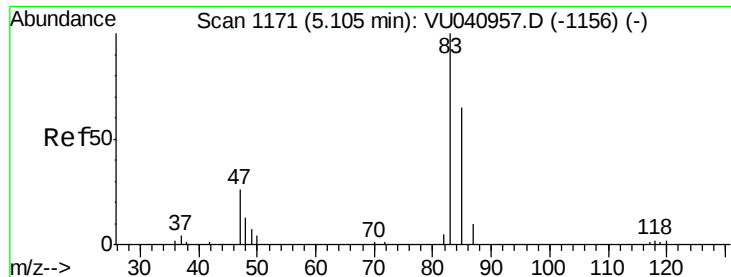
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 05:24:32 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 0.592 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040962.D

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MSVOA_U

ClientSampleId :

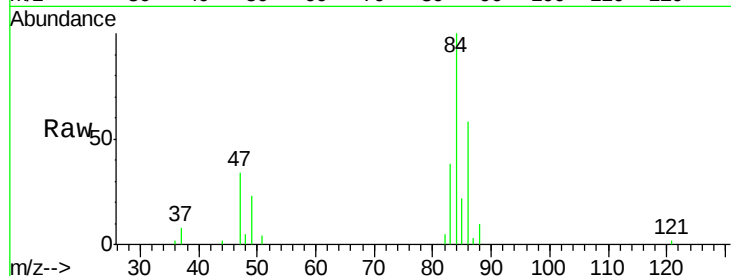
C0AP6

Tot Ion: 83 Resp: 4814

Ion Ratio Lower Upper

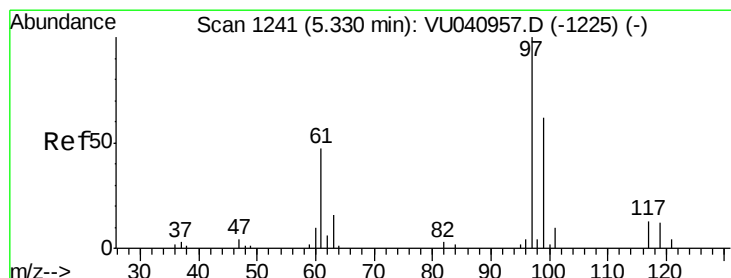
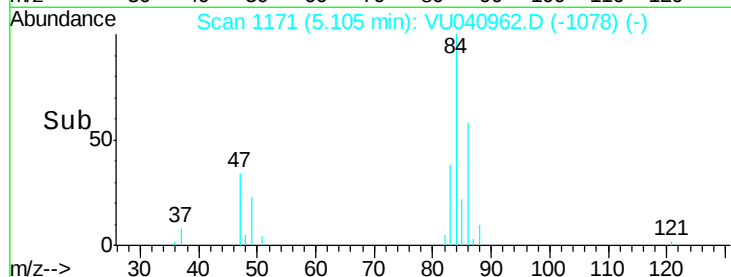
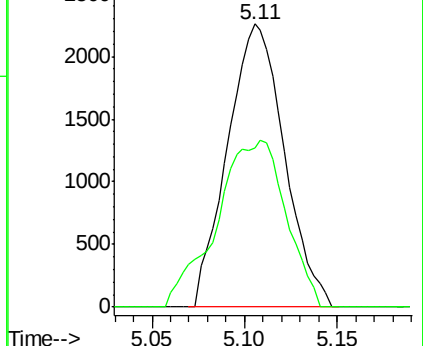
83 100

85 56.3 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#29

1,1,1-Trichloroethane

Concen: 0.177 ug/L

RT: 5.34 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VU040962.D

Acq: 26 Oct 2020 23:34

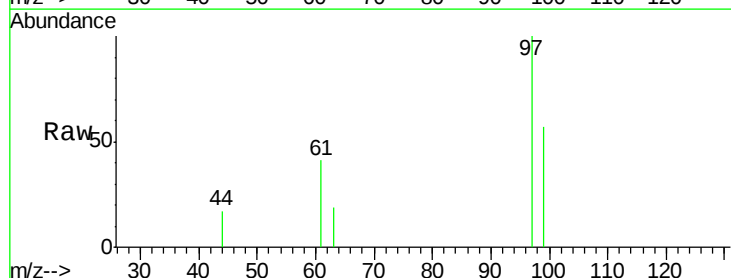
Tgt Ion: 97 Resp: 1328

Ion Ratio Lower Upper

97 100

99 59.0 53.4 80.0

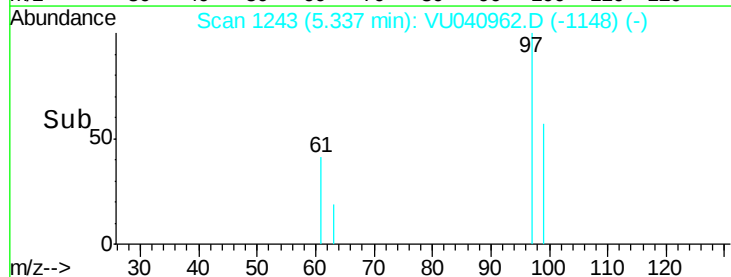
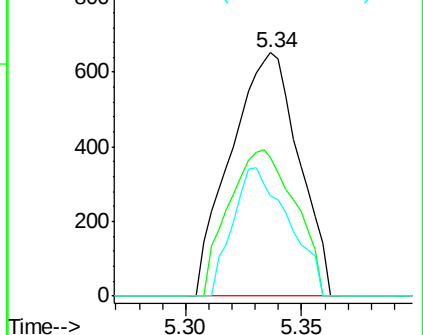
61 43.4 41.6 62.4

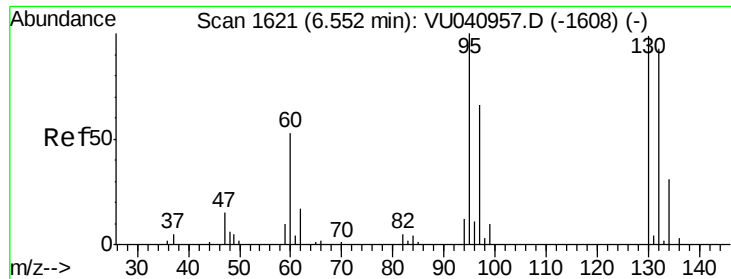


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0

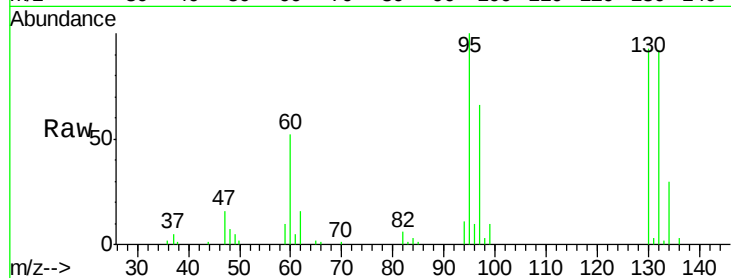




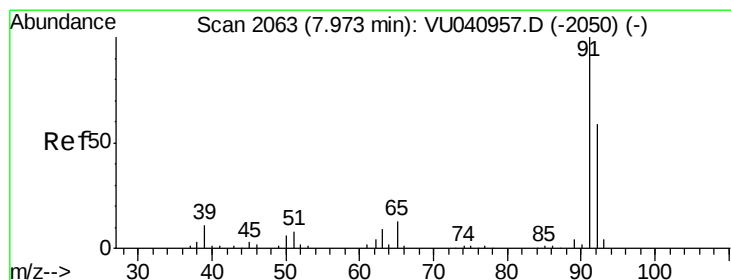
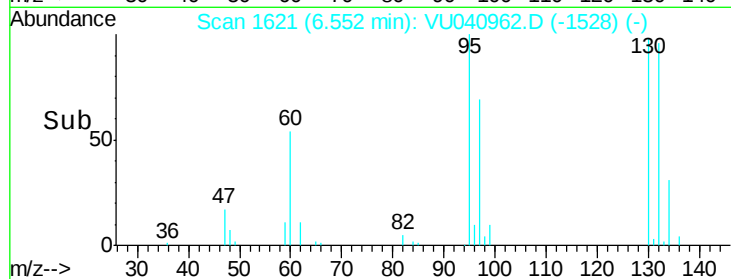
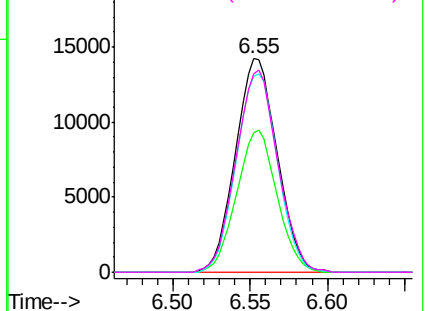
#34
 Trichloroethene
 Concen: 5.722 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040962.D
 Acq: 26 Oct 2020 23:34

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP6

Tot Ion: 95 Resp: 26720
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.6 84.6
 132 91.7 64.8 120.4
 130 93.1 64.8 120.4

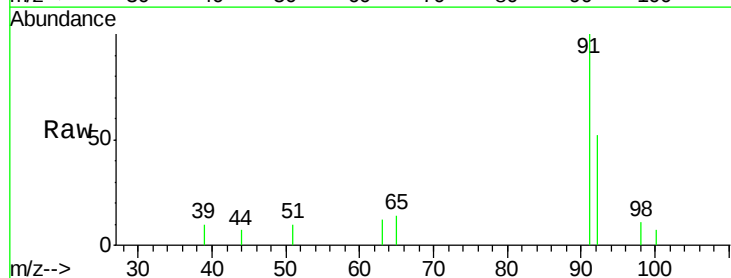


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

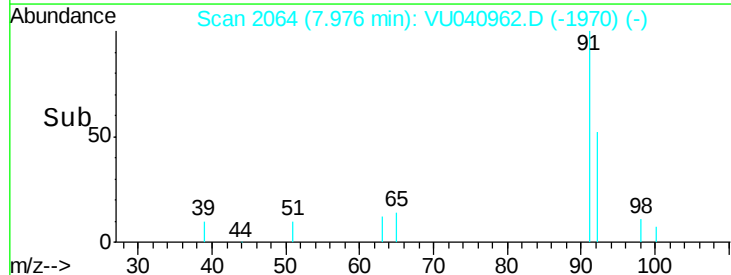
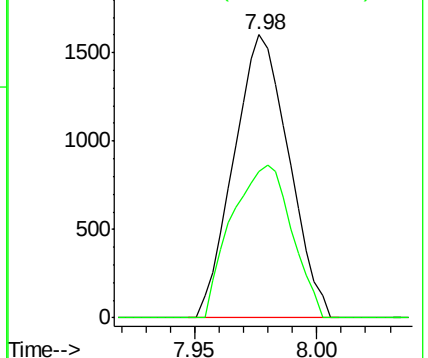


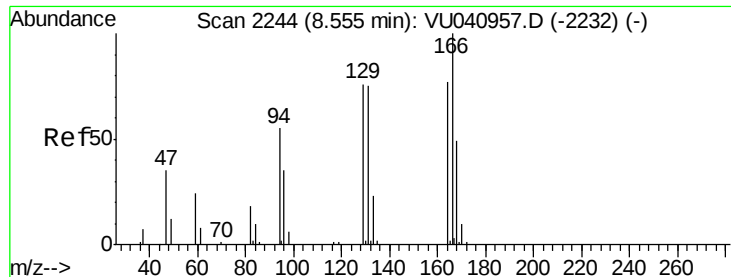
#42
 Toluene
 Concen: 0.135 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040962.D
 Acq: 26 Oct 2020 23:34

Tgt Ion: 91 Resp: 2505
 Ion Ratio Lower Upper
 91 100
 92 51.7 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

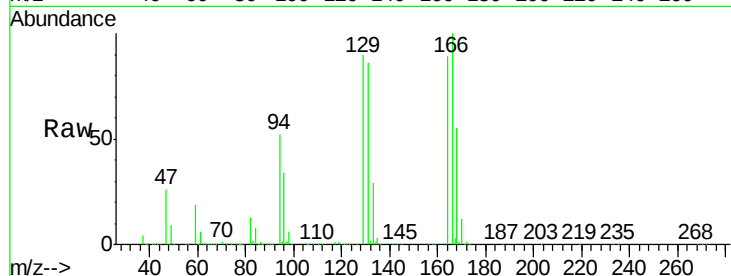




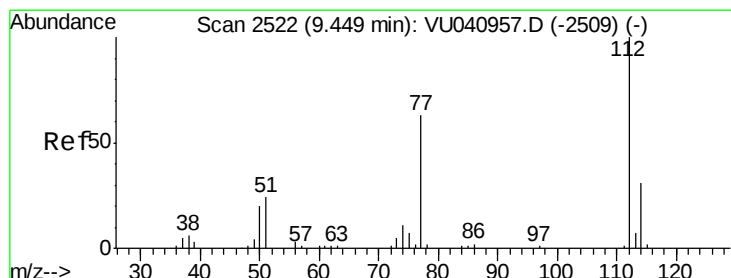
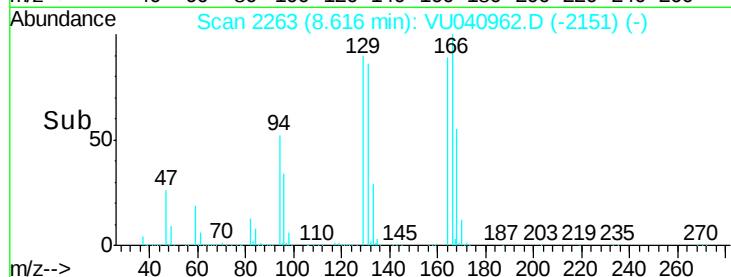
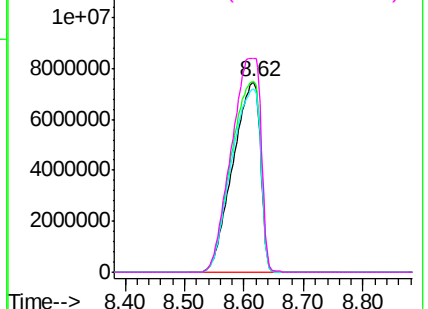
#47
Tetrachloroethene
Concen: 6986.300 ug/L
RT: 8.62 min Scan# 2263
Delta R.T. 0.06 min
Lab File: VU040962.D
Acq: 26 Oct 2020 23:34

Instrument :
MSVOA_U
ClientSampleId :
C0AP6

Tot Ion:164 Resp:23988889
Ion Ratio Lower Upper
164 100
129 100.7 70.3 130.7
131 96.7 70.8 131.4
166 112.5 92.0 170.8

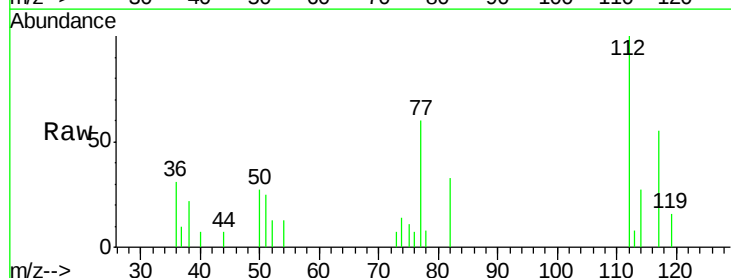


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 0.231 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU040962.D
Acq: 26 Oct 2020 23:34

Tgt Ion:112 Resp: 2721
Ion Ratio Lower Upper
112 100
114 27.3 22.4 41.6
77 60.2 51.2 76.8



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

