

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120720\
 Data File : VU041487.D
 Acq On : 07 Dec 2020 12:39
 Operator : SY/MD
 Sample : L4944-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP7

Quant Time: Dec 08 05:38:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 08 04:32:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	47848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	10254	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.92	69	10109	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	20387	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.65	46	48124	49.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	5.08	84	35091	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	24649	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	52414	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.70	67	15039	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	47317	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	9482	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.64	63	37352	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	15182	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	21553	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

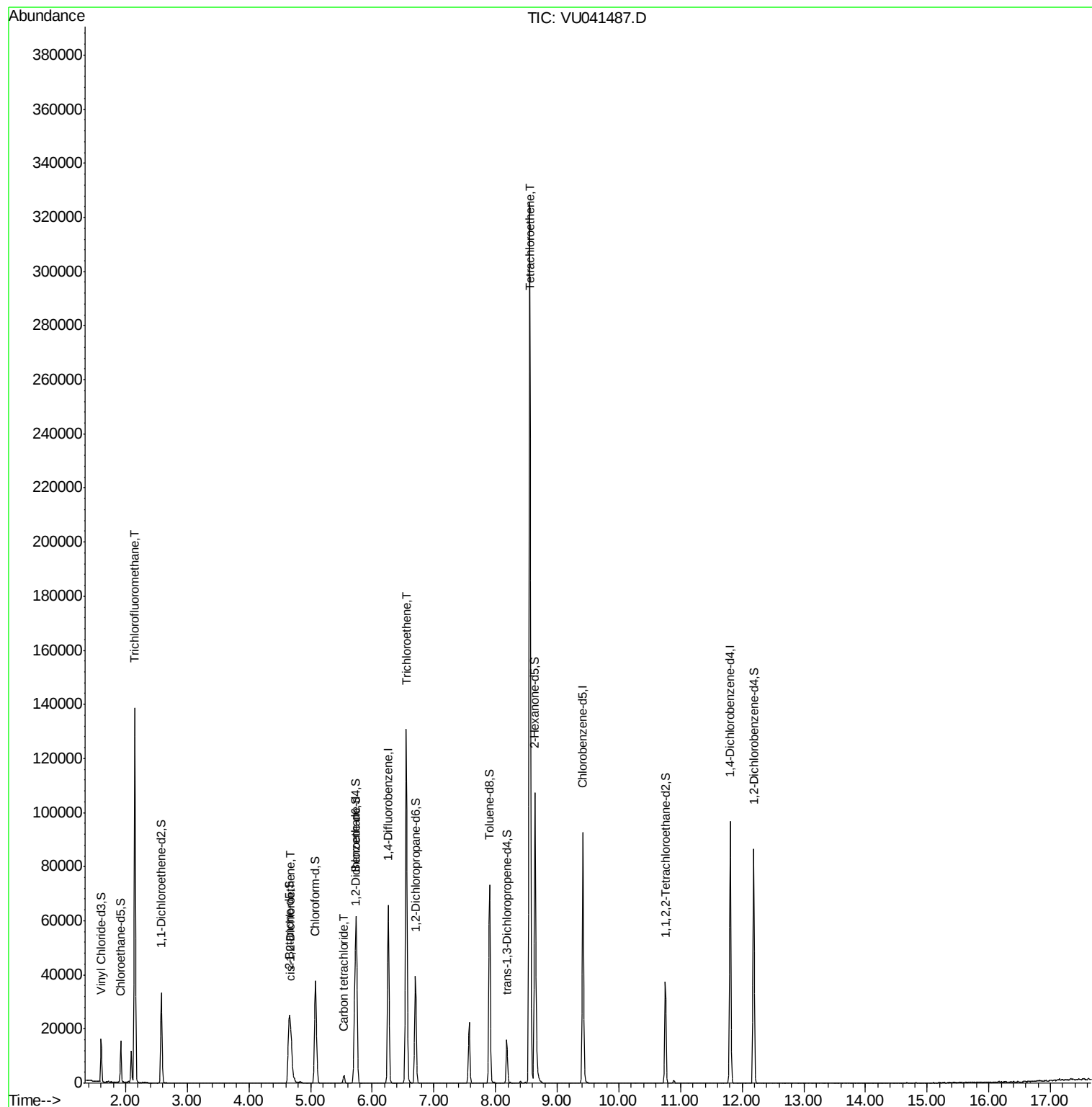
					Ovalue
9) Trichlorofluoromethane	2.15	101	90487	11.809	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	3869	1.171	ug/L 98
31) Carbon tetrachloride	5.54	117	1983	0.312	ug/L 94
34) Trichloroethene	6.55	95	42612	11.921	ug/L 97
47) Tetrachloroethene	8.56	164	65669	23.260	ug/L 96

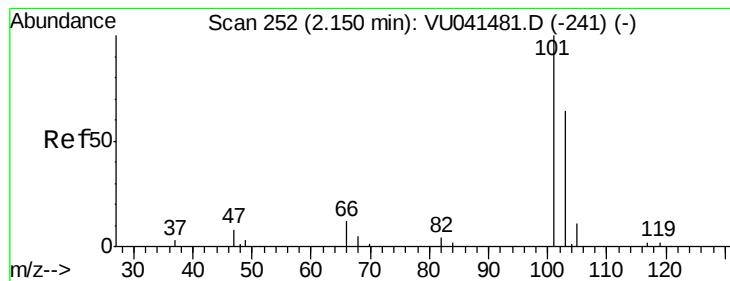
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120720\
Data File : VU041487.D
Acq On : 07 Dec 2020 12:39
Operator : SY/MD
Sample : L4944-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AP7

Quant Time: Dec 08 05:38:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 08 04:32:02 2020
Response via : Initial Calibration



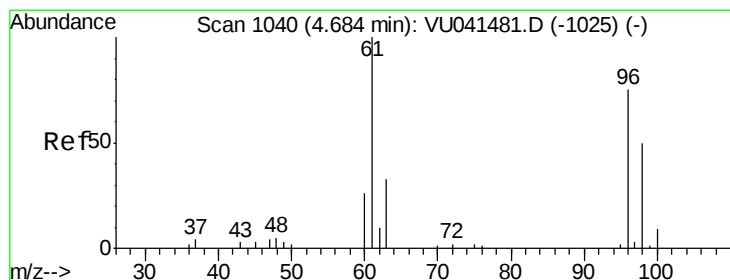
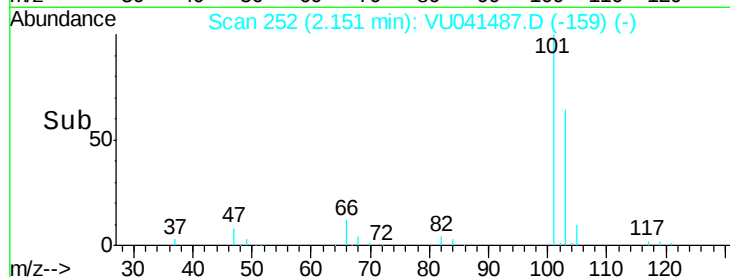
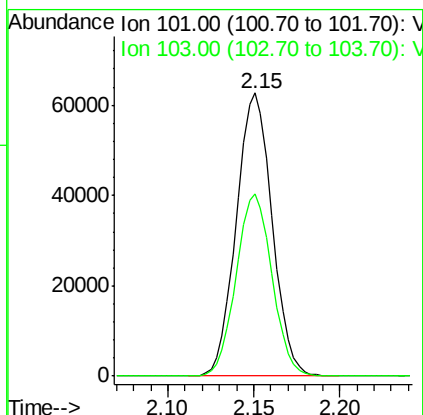
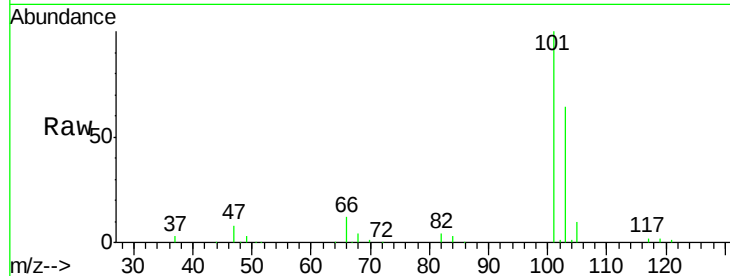


#9

Trichlorofluoromethane
Concen: 11.809 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041487.D
Acq: 07 Dec 2020 12:39

Instrument :
MSVOA_U
ClientSampled :
C0AP7

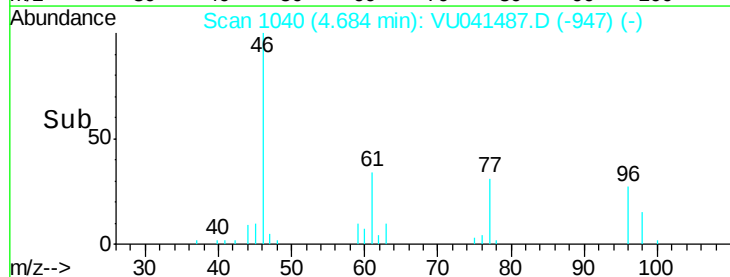
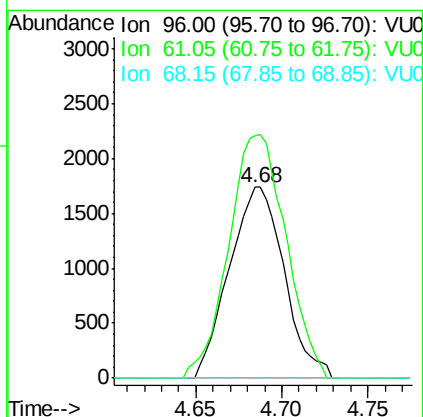
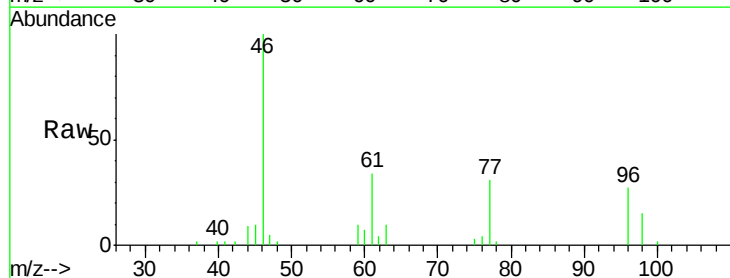
Tot Ion:101 Resp: 90487
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

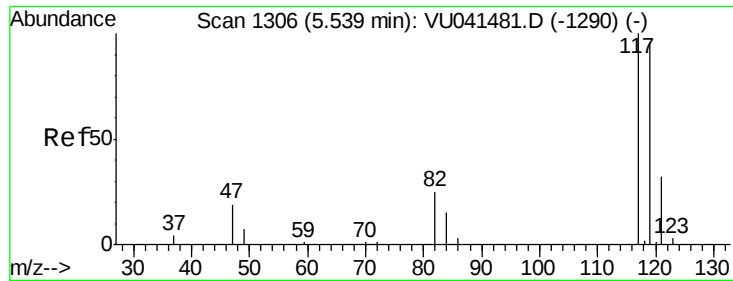


#22

cis-1,2-Dichloroethene
Concen: 1.171 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041487.D
Acq: 07 Dec 2020 12:39

Tgt Ion: 96 Resp: 3869
Ion Ratio Lower Upper
96 100
61 127.1 90.5 168.1
68 0.0 0.0 0.0



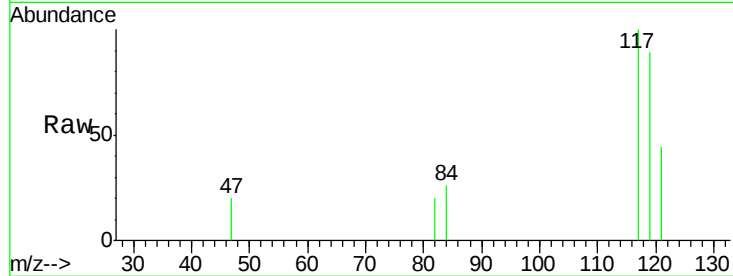


#31

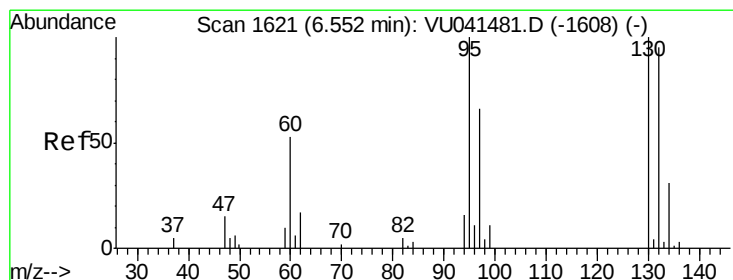
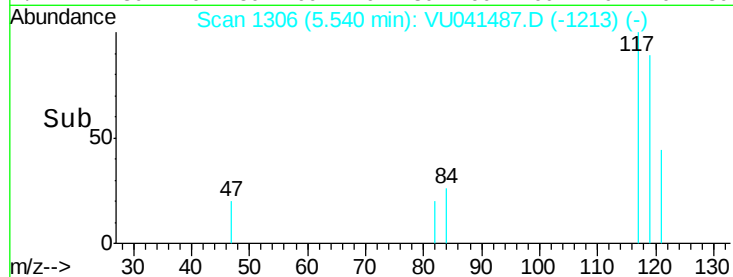
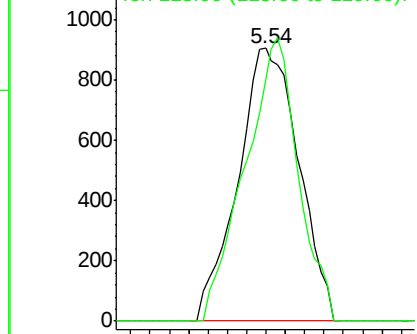
Carbon tetrachloride
Concen: 0.312 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041487.D
Acq: 07 Dec 2020 12:39

Instrument :
MSVOA_U
ClientSampled :
C0AP7

Tot Ion:117 Resp: 1983
Ion Ratio Lower Upper
117 100
119 90.7 77.2 115.8



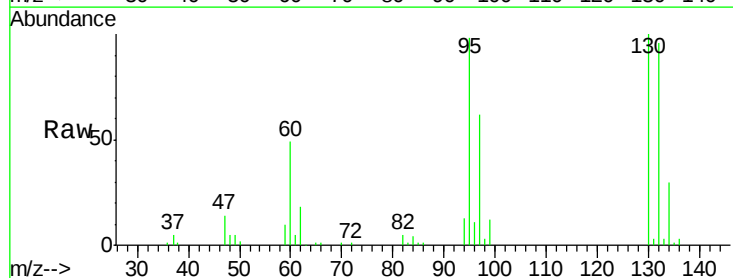
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



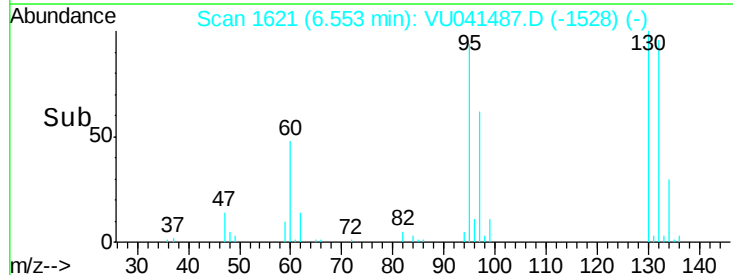
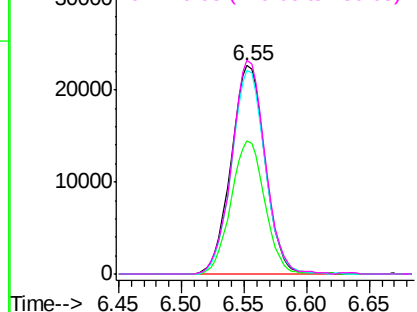
#34

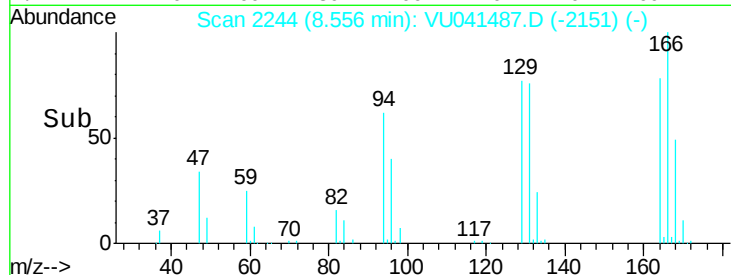
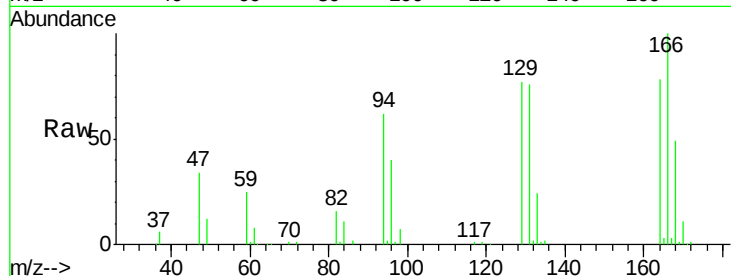
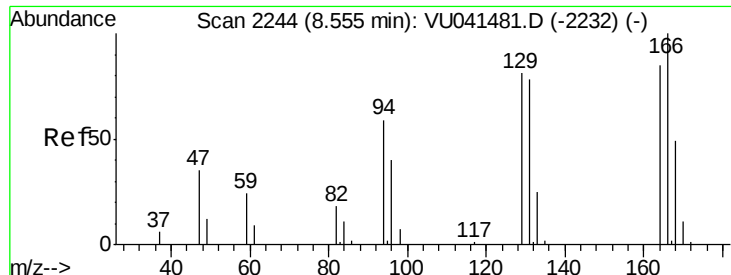
Trichloroethene
Concen: 11.921 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041487.D
Acq: 07 Dec 2020 12:39

Tgt Ion: 95 Resp: 42612
Ion Ratio Lower Upper
95 100
97 63.6 44.7 83.1
132 98.0 65.7 121.9
130 102.5 68.8 127.8



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: 23.260 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041487.D

Acq: 07 Dec 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

C0AP7

Tot Ion:164 Resp: 65669

Ion Ratio Lower Upper

164 100

129 99.4 67.1 124.7

131 97.3 63.3 117.7

166 128.5 88.8 164.8

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

