

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043890.D
 Acq On : 21 May 2021 15:34
 Operator : SY/MD
 Sample : M2459-07 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GM7

Quant Time: May 22 00:53:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

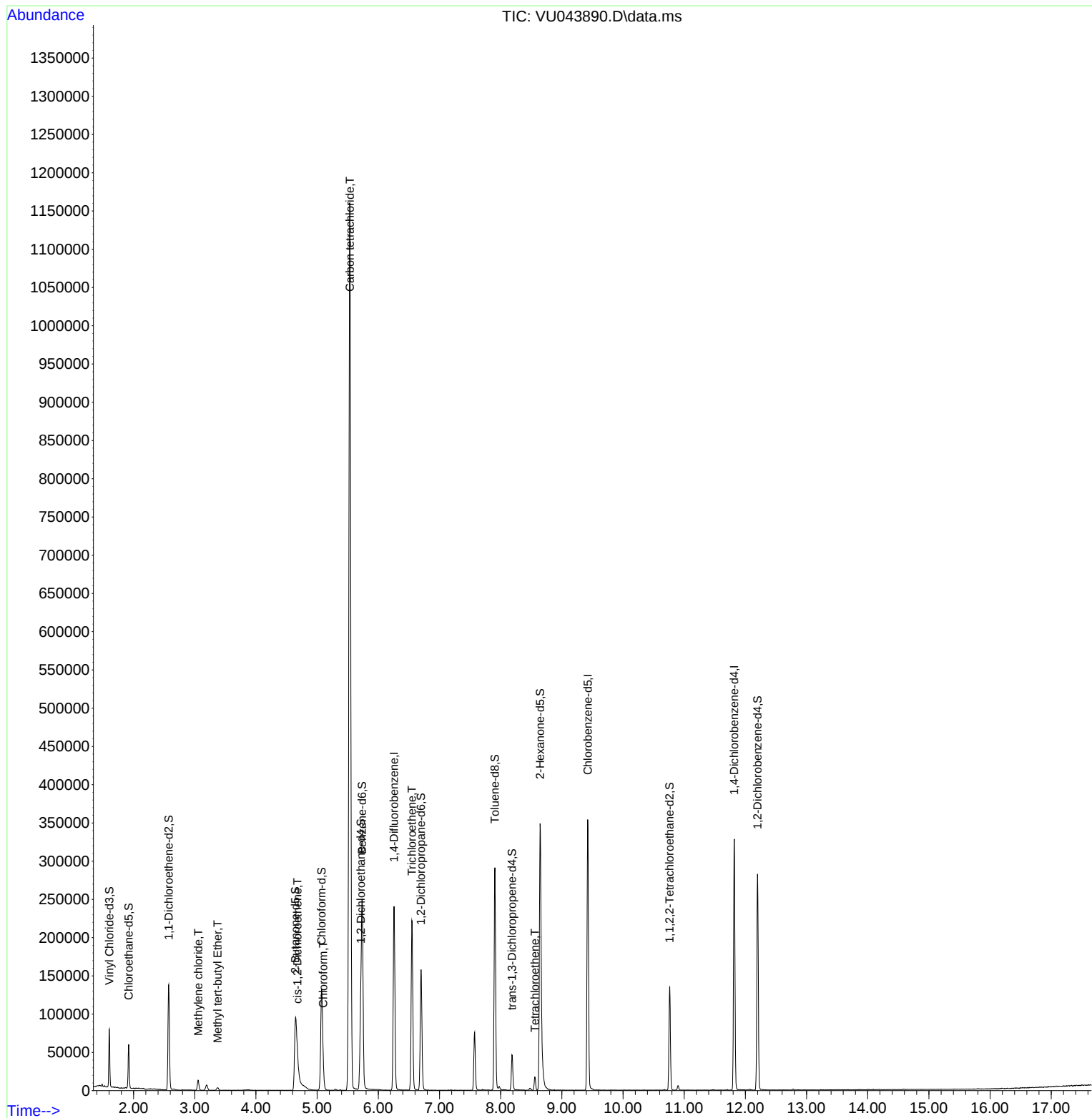
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	201732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	208748	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	93909	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53351	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.919	69	40723	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.575	65	25930	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.645	46	169153	59.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.62%
24) Chloroform-d	5.073	84	121735	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.713	65	62677	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.735	84	240029	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	80869	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	196229	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloroprop...	8.186	79	27154	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.645	63	136595	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	68972	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	81388	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.057	84	6388	0.32	ug/L	93
17) Methyl tert-butyl Ether	3.372	73	3195	0.11	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	5846	0.40	ug/L	91
25) Chloroform	5.099	83	18941	0.76	ug/L	99
31) Carbon tetrachloride	5.536	117	809903	44.54	ug/L	99
34) Trichloroethene	6.549	95	76953	4.97	ug/L	96
47) Tetrachloroethene	8.559	164	4328	0.35	ug/L	95

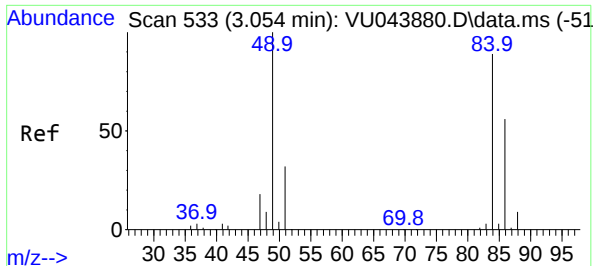
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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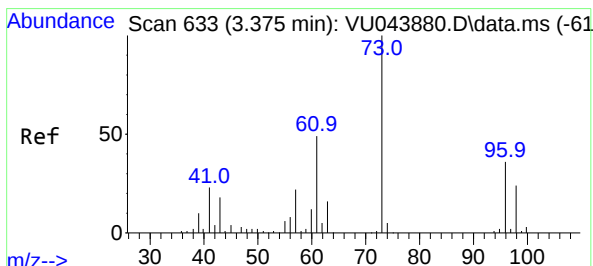
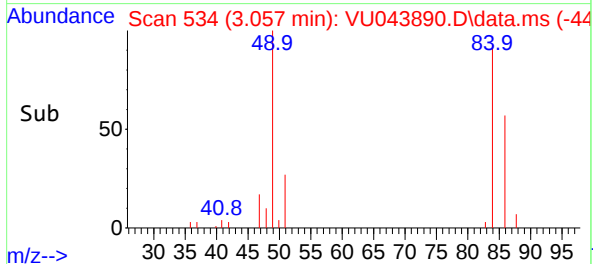
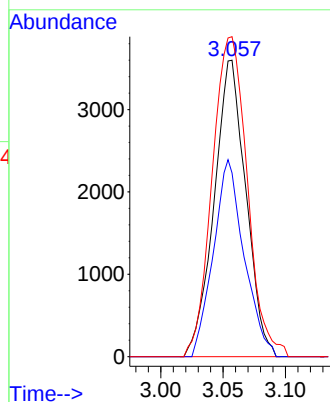
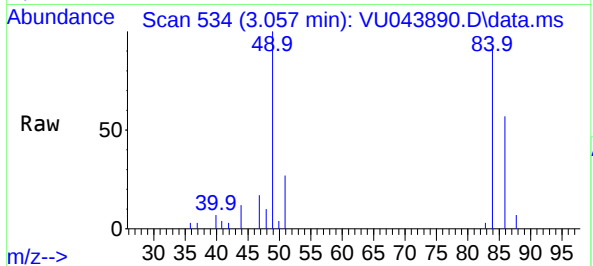


#16
Methylene chloride
Concen: 0.32 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Instrument :
MSVOA_U
ClientSampleId :
C0GM7

Tgt Ion: 84 Resp: 6388

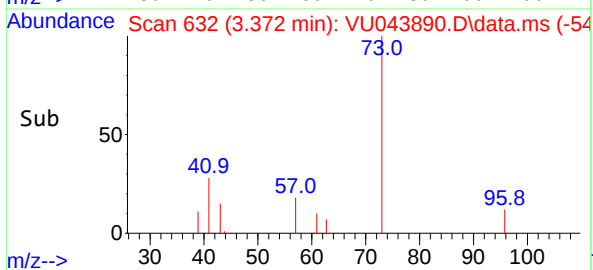
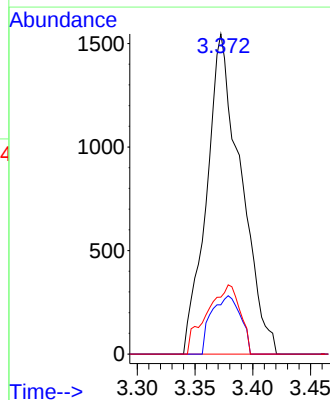
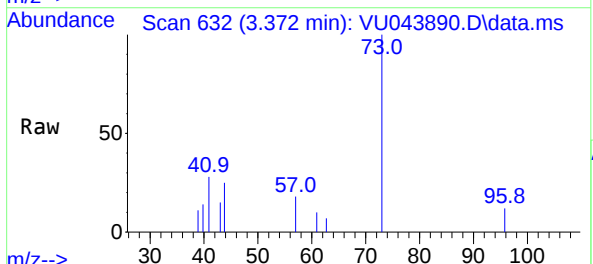
Ion	Ratio	Lower	Upper
84	100		
86	61.9	44.7	82.9
49	107.9	83.1	154.3

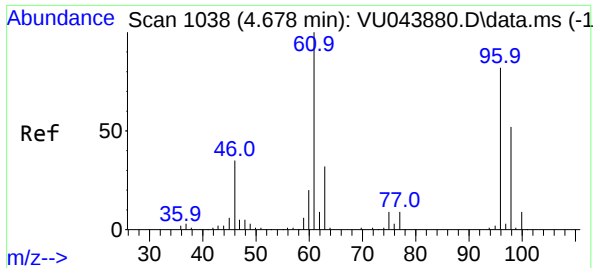


#17
Methyl tert-butyl Ether
Concen: 0.11 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 73 Resp: 3195

Ion	Ratio	Lower	Upper
73	100		
43	15.4	15.0	22.4
57	21.0	18.6	27.8

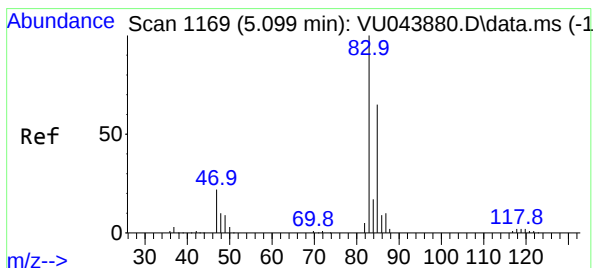
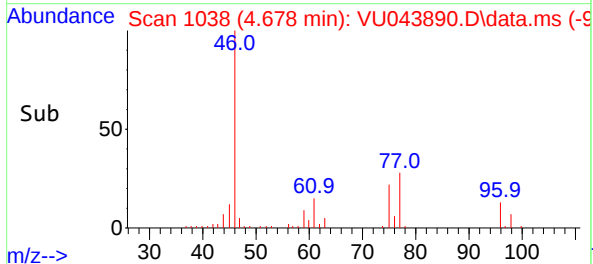
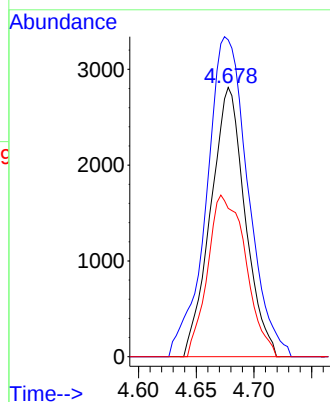
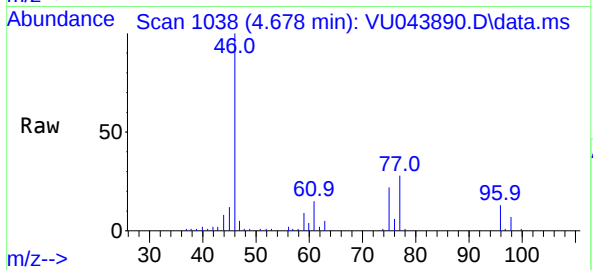




#22
cis-1,2-Dichloroethene
Concen: 0.40 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

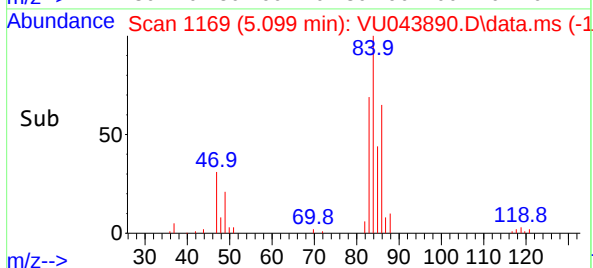
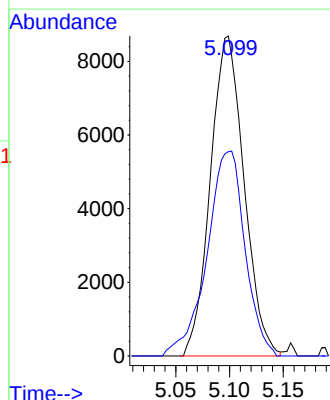
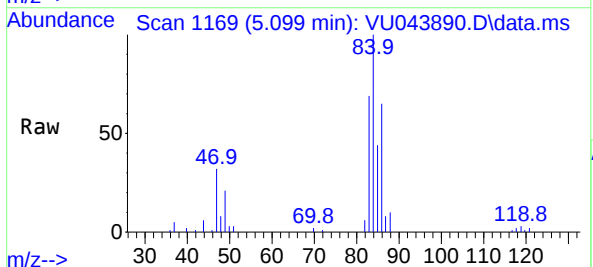
Instrument :
MSVOA_U
ClientSampleId :
C0GM7

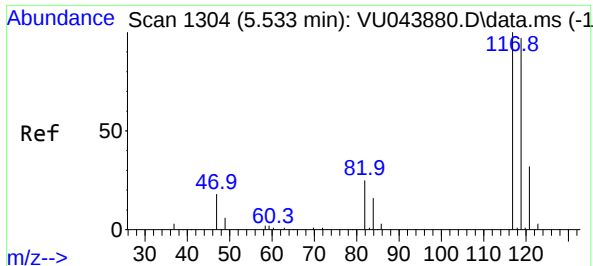
Tgt Ion: 96 Resp: 5846
Ion Ratio Lower Upper
96 100
61 117.6 89.0 165.4
98 55.1 44.9 83.3



#25
Chloroform
Concen: 0.76 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 83 Resp: 18941
Ion Ratio Lower Upper
83 100
85 63.9 45.0 83.6

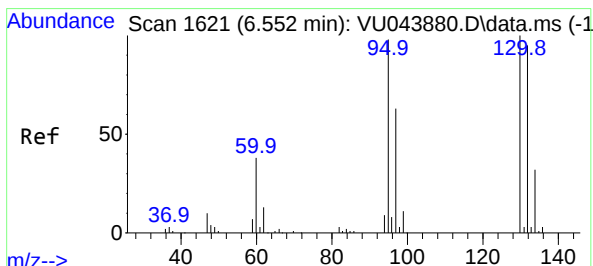
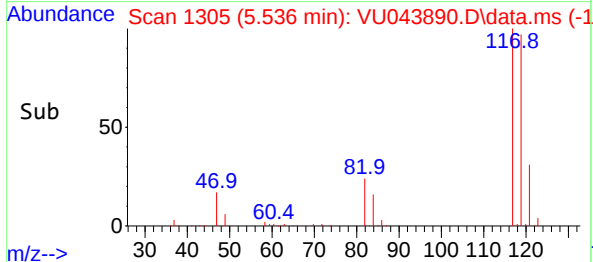
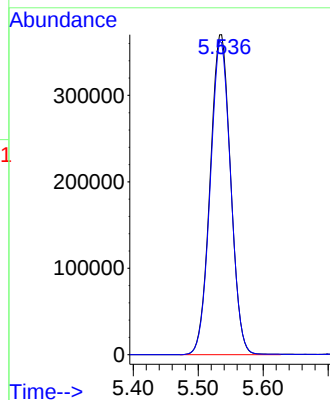
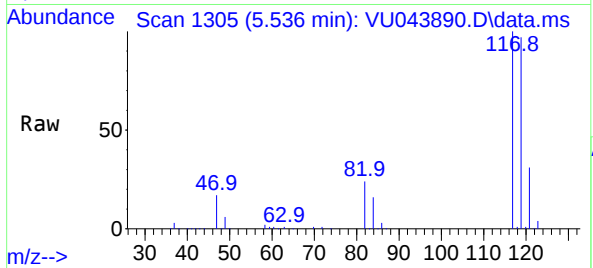




#31
Carbon tetrachloride
Concen: 44.54 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

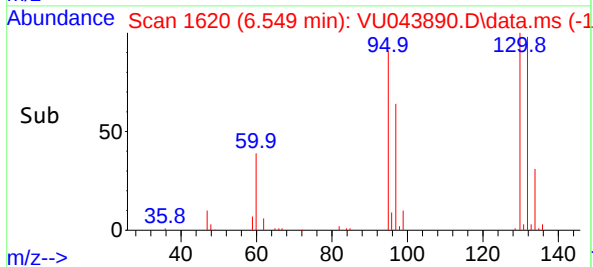
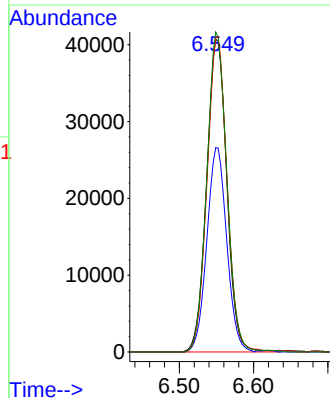
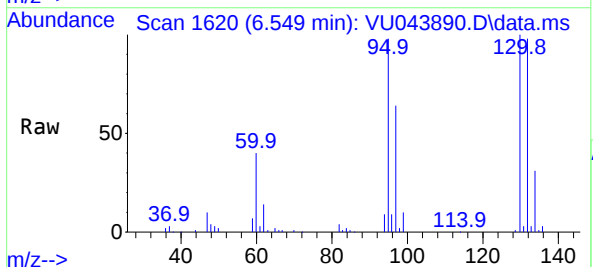
Instrument :
MSVOA_U
ClientSampleId :
C0GM7

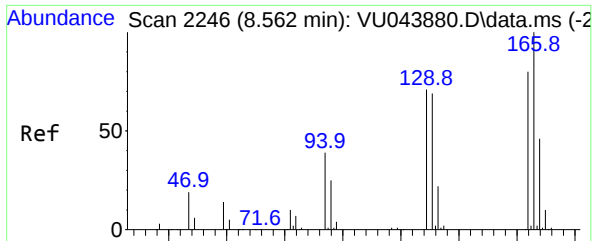
Tgt Ion:117 Resp: 809903
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0



#34
Trichloroethene
Concen: 4.97 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 95 Resp: 76953
Ion Ratio Lower Upper
95 100
97 65.3 44.3 82.3
132 100.5 66.0 122.6
130 102.3 69.2 128.6





#47
Tetrachloroethene
Concen: 0.35 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Instrument :
MSVOA_U
ClientSampleId :
C0GM7

Tgt Ion:164 Resp: 4328

Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.1	119.1
131	82.8	61.2	113.8
166	133.5	87.8	163.2

