

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043132.D
 Acq On : 15 Apr 2021 19:45
 Operator : SY/MD
 Sample : M2055-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4532

Quant Time: Apr 16 05:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

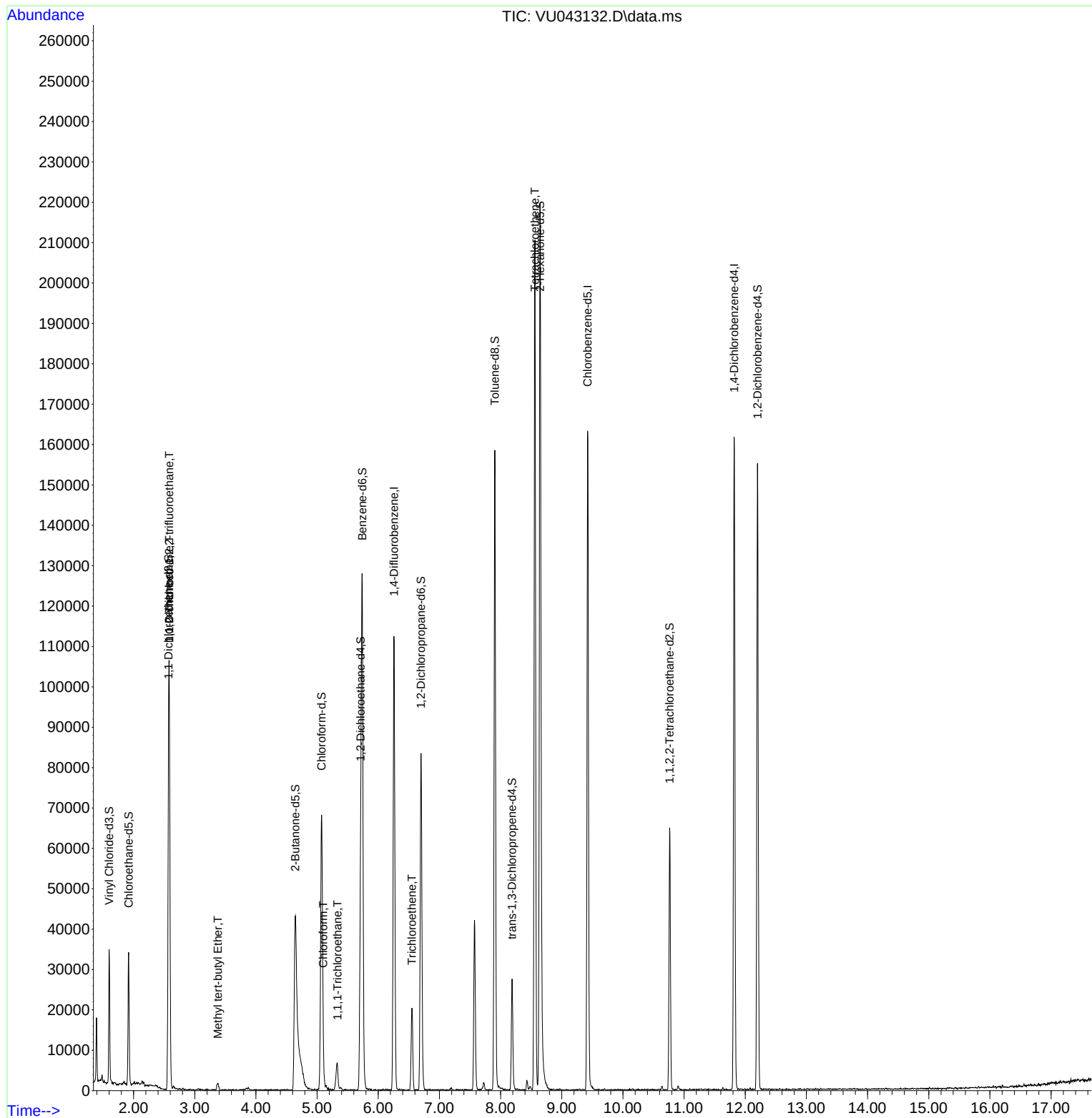
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	83651	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82278	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40652	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22720	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.919	69	21909	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.572	65	12937	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.645	46	105803	56.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	5.073	84	56774	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.713	65	38073	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.739	84	104486	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.700	67	35205	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.906	98	96380	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.185	79	14246	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.645	63	76878	54.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29150	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	38511	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	832	0.15	ug/L	# 48
12) 1,1-Dichloroethene	2.584	96	18733	4.03	ug/L	# 53
17) Methyl tert-butyl Ether	3.375	73	1886	0.12	ug/L	# 82
25) Chloroform	5.099	83	2725	0.24	ug/L	84
29) 1,1,1-Trichloroethane	5.333	97	5230	0.51	ug/L	95
34) Trichloroethene	6.549	95	6615	1.09	ug/L	91
47) Tetrachloroethene	8.562	164	43723	9.10	ug/L	97

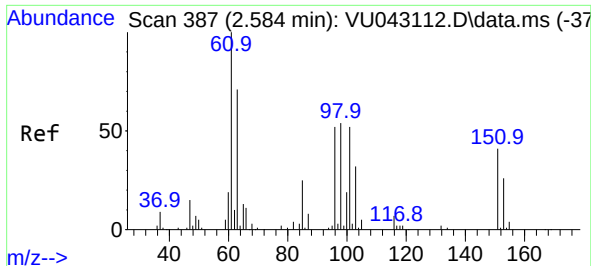
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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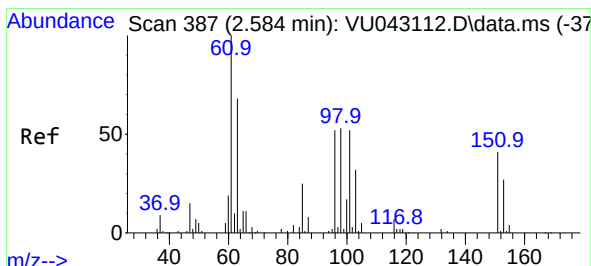
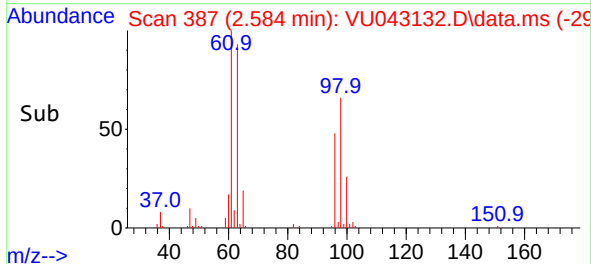
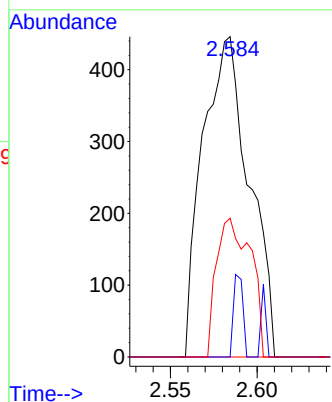
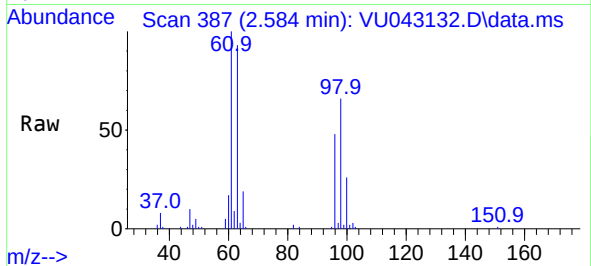




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.15 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

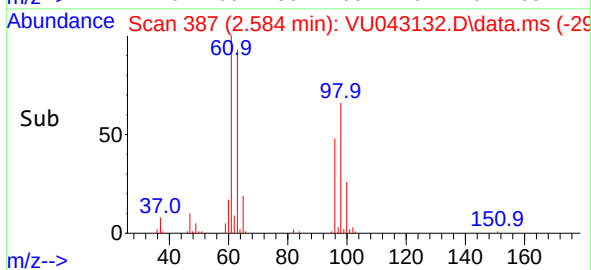
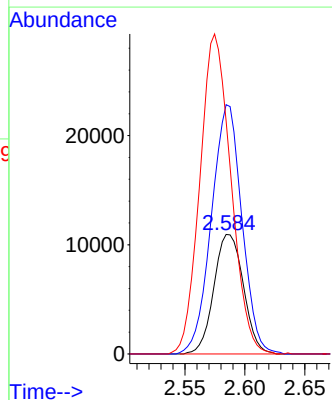
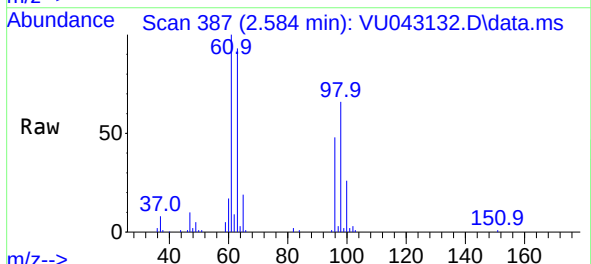
Instrument :
MSVOA_U
ClientSampled :
H4532

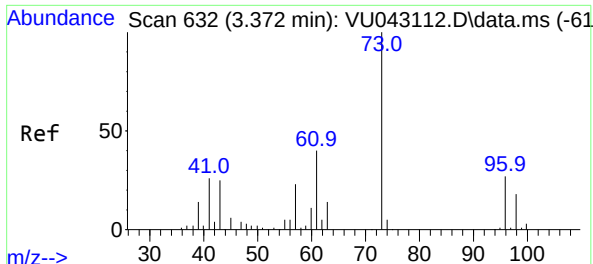
Tgt Ion:101 Resp: 832
Ion Ratio Lower Upper
101 100
85 5.2 34.5 51.7#
151 31.7 57.4 86.2#



#12
1,1-Dichloroethene
Concen: 4.03 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Tgt Ion: 96 Resp: 18733
Ion Ratio Lower Upper
96 100
61 208.6 115.1 213.7
63 194.9 84.1 156.1#



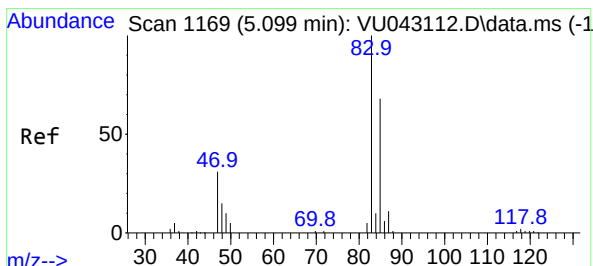
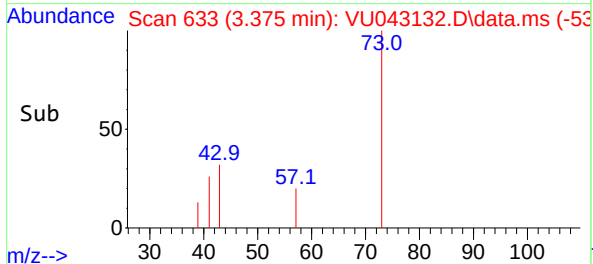
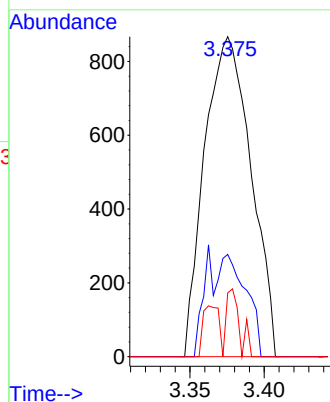
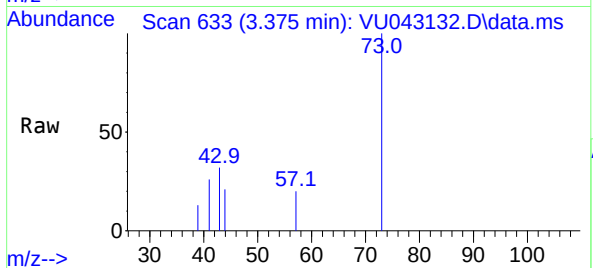


#17
Methyl tert-butyl Ether
Concen: 0.12 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Instrument :
MSVOA_U
ClientSampleId :
H4532

Tgt Ion: 73 Resp: 1886

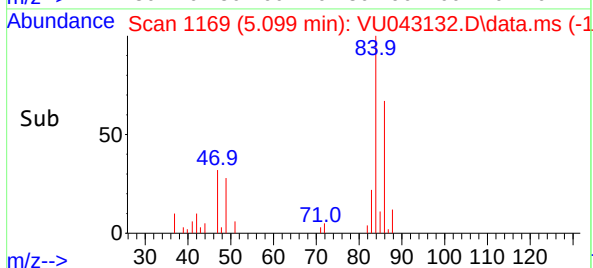
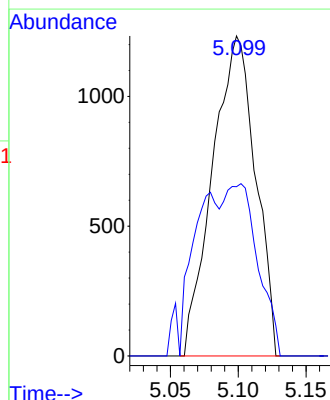
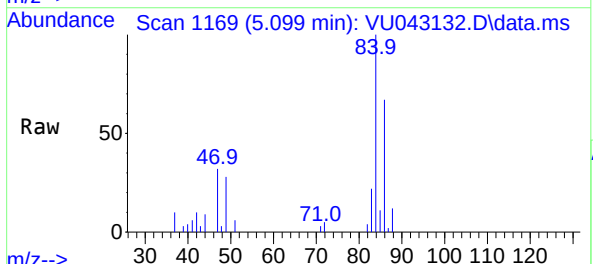
Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.0	22.4
57	6.0	17.3	25.9#

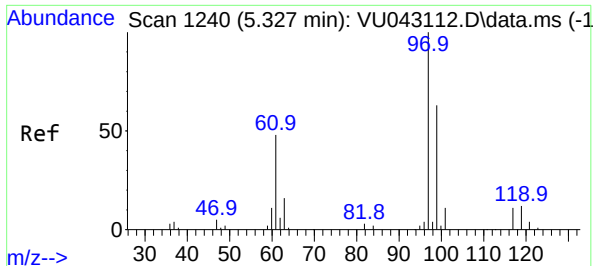


#25
Chloroform
Concen: 0.24 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Tgt Ion: 83 Resp: 2725

Ion	Ratio	Lower	Upper
83	100		
85	52.9	45.6	84.8



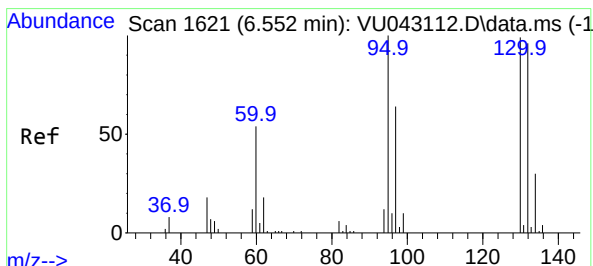
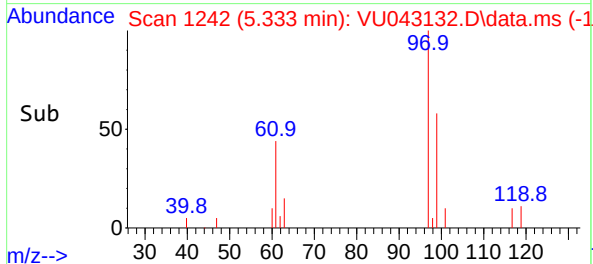
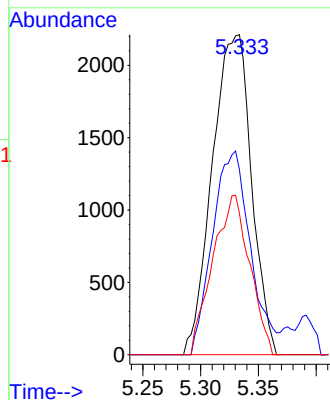
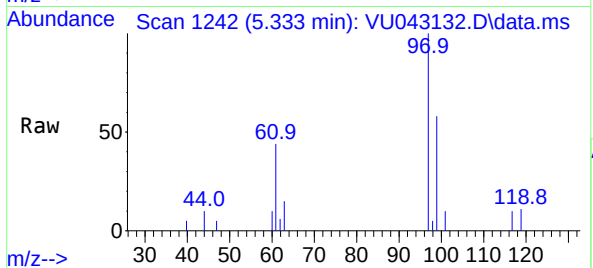


#29

1,1,1-Trichloroethane
Concen: 0.51 ug/L
RT: 5.333 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Instrument :
MSVOA_U
ClientSampled :
H4532

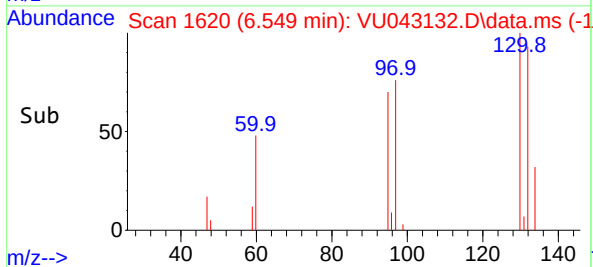
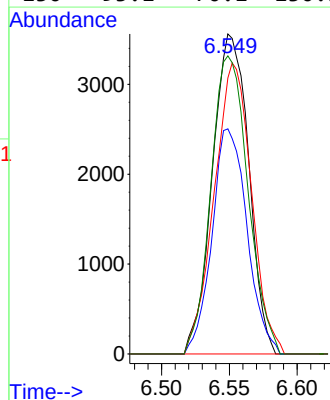
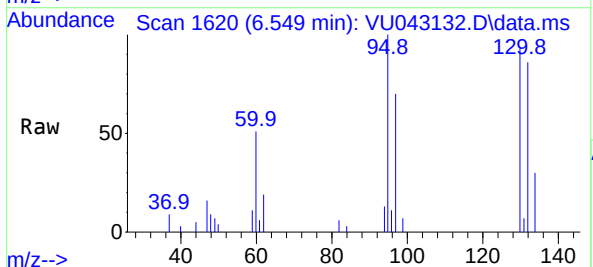
Tgt Ion: 97 Resp: 5230
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 46.8 32.7 49.1

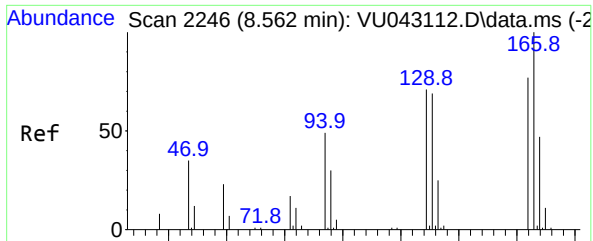


#34

Trichloroethene
Concen: 1.09 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Tgt Ion: 95 Resp: 6615
Ion Ratio Lower Upper
95 100
97 70.4 45.8 85.2
132 86.3 68.7 127.7
130 93.1 70.1 130.3





#47
Tetrachloroethene
Concen: 9.10 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Instrument :
MSVOA_U
ClientSampleId :
H4532

Tgt Ion:164 Resp: 43723

Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.6	123.8
131	87.5	65.9	122.3
166	132.8	93.7	173.9

