

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052055.D
 Acq On : 22 Nov 2022 21:35
 Operator : JC/MD
 Sample : N5684-17DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J7DL

Quant Time: Nov 23 00:50:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

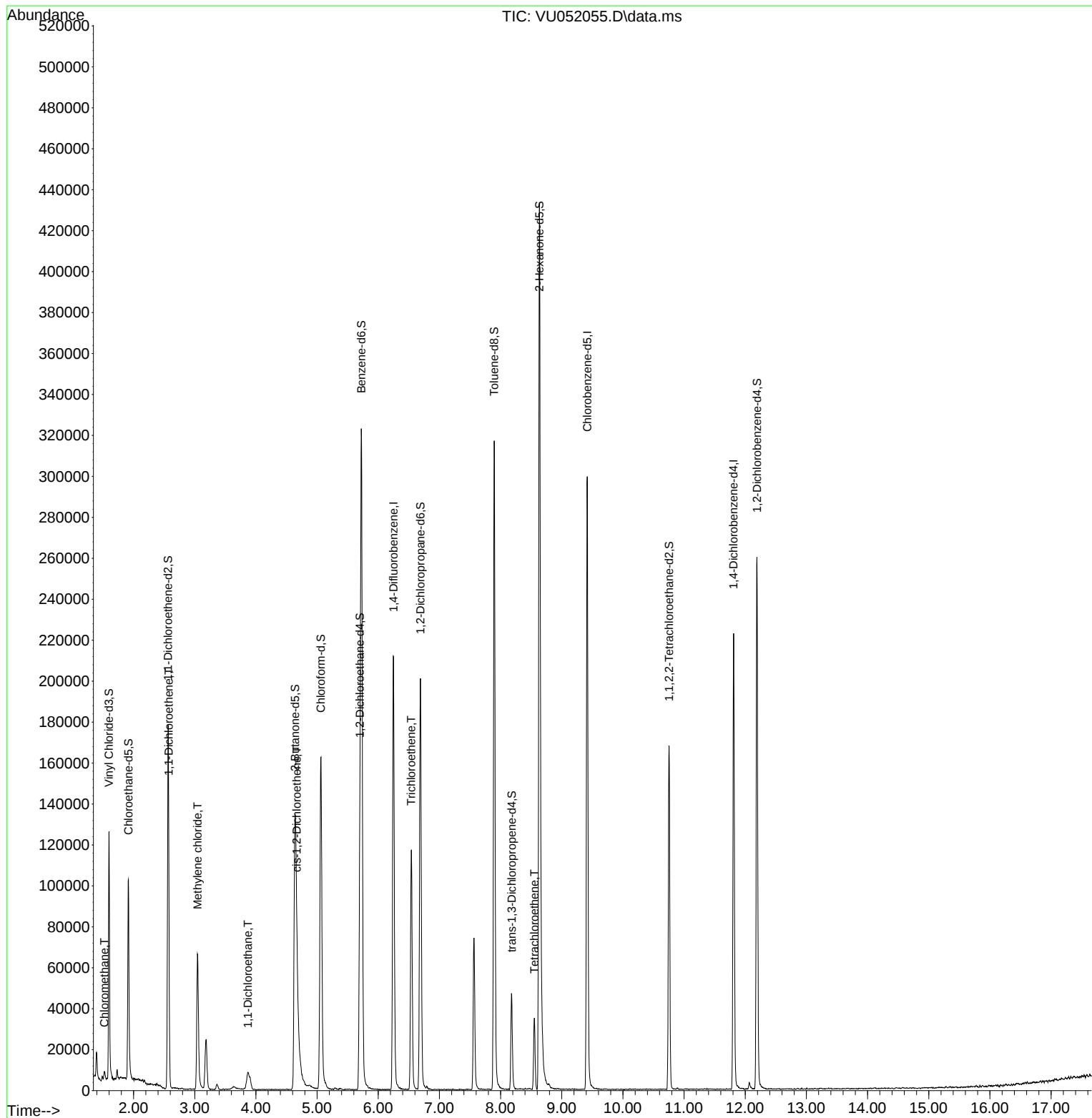
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	176572	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	93469	5.442	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.800%		
7) Chloroethane-d5	1.916	69	78716	5.901	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 118.000%		
11) 1,1-Dichloroethene-d2	2.565	65	33353	5.418	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 108.400%		
20) 2-Butanone-d5	4.639	46	214741	68.977	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 137.960%#		
24) Chloroform-d	5.063	84	156819	6.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 124.200%		
26) 1,2-Dichloroethane-d4	5.700	65	83989	6.589	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 131.800%#		
32) Benzene-d6	5.726	84	308503	5.902	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 118.000%		
36) 1,2-Dichloropropane-d6	6.690	67	102232	6.320	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 126.400%		
41) Toluene-d8	7.896	98	221800	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.800%		
43) trans-1,3-Dichloroprop...	8.182	79	28834	4.891	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.800%		
46) 2-Hexanone-d5	8.636	63	153985	61.637	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 123.280%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87375	6.230	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 124.600%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	74365	6.196	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 124.000%#		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	3292	0.165	ug/L	92
12) 1,1-Dichloroethene	2.575	96	1837	0.143	ug/L #	1
16) Methylene chloride	3.044	84	35342	2.039	ug/L	98
19) 1,1-Dichloroethane	3.867	63	4323	0.175	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	3050	0.212	ug/L	76
34) Trichloroethene	6.539	95	43157	3.020	ug/L	99
47) Tetrachloroethene	8.552	164	7909	0.722	ug/L	95

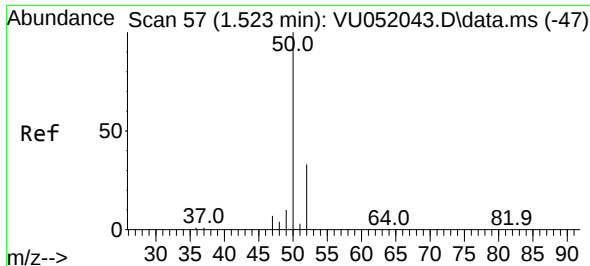
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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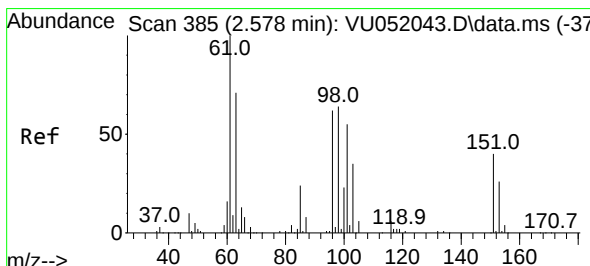
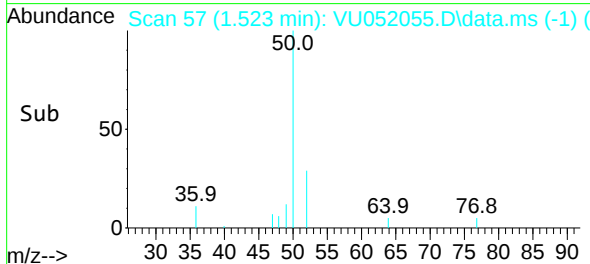
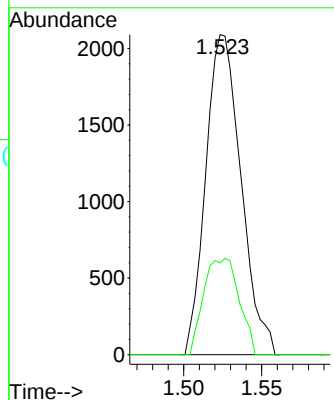
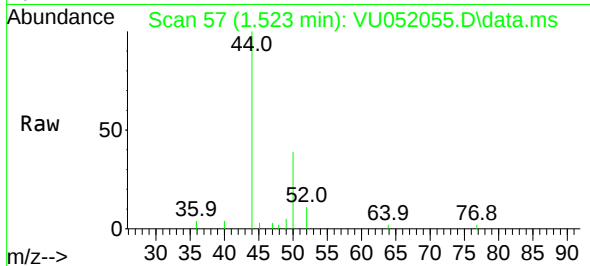




#3
Chloromethane
Concen: 0.165 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052055.D
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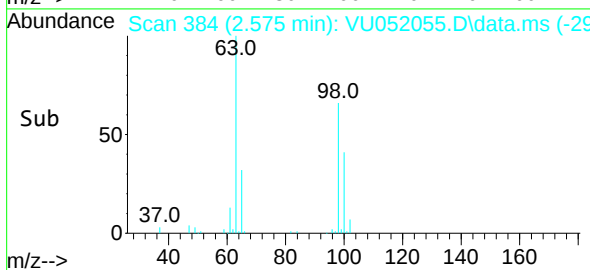
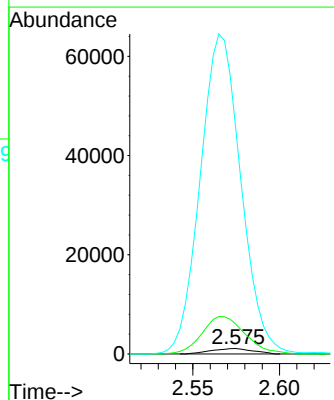
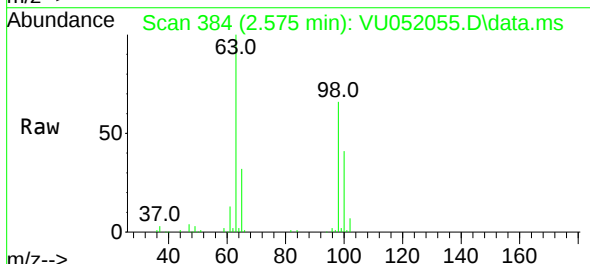
Instrument :
MSVOA_U
ClientSampleId :
BH1J7DL

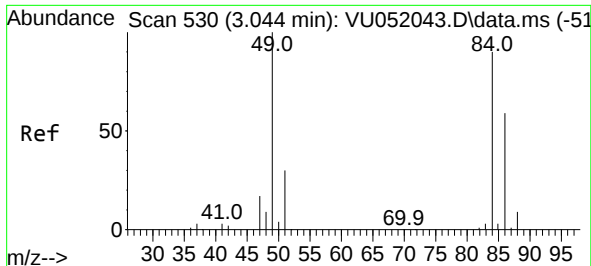
Tgt Ion: 50 Resp: 3292
Ion Ratio Lower Upper
50 100
52 28.7 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.143 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052055.D
Acq: 22 Nov 2022 21:35

Tgt Ion: 96 Resp: 1837
Ion Ratio Lower Upper
96 100
61 550.9 114.8 213.2#
63 4163.6 93.7 174.1#

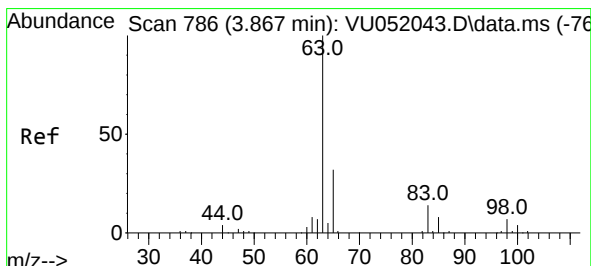
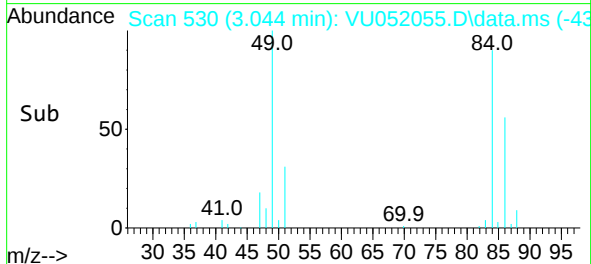
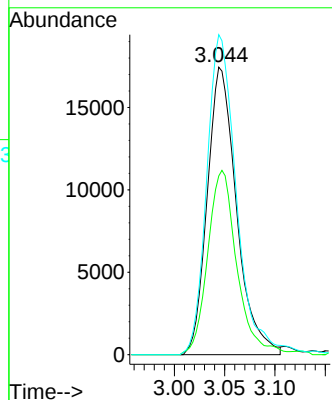
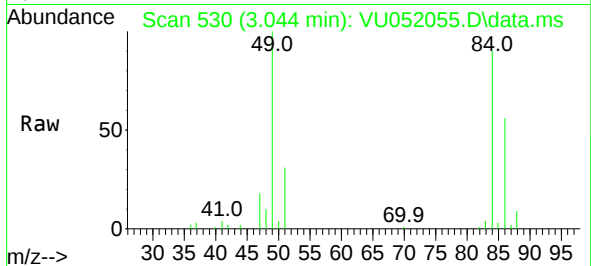




#16
Methylene chloride
Concen: 2.039 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052055.D
Acq: 22 Nov 2022 21:35

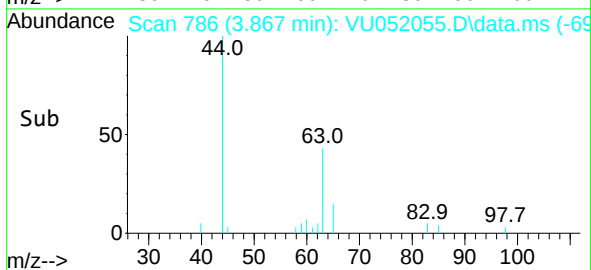
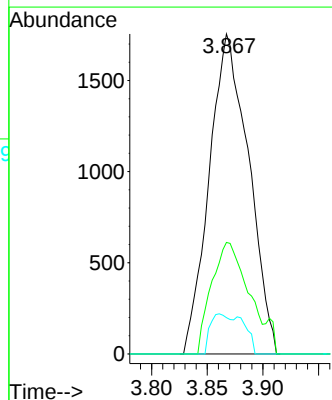
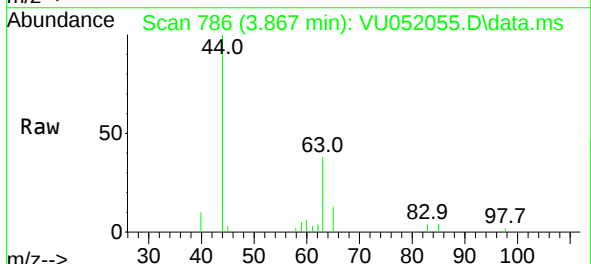
Instrument :
MSVOA_U
ClientSampleId :
BH1J7DL

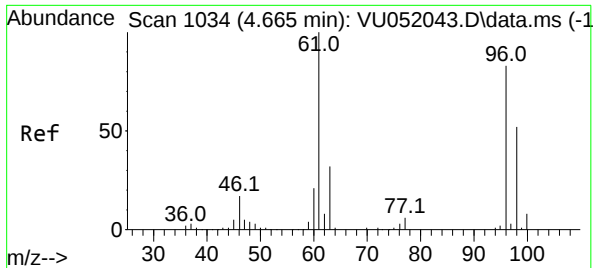
Tgt Ion: 84 Resp: 35342
Ion Ratio Lower Upper
84 100
86 62.2 43.8 81.4
49 111.3 75.9 141.1



#19
1,1-Dichloroethane
Concen: 0.175 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052055.D
Acq: 22 Nov 2022 21:35

Tgt Ion: 63 Resp: 4323
Ion Ratio Lower Upper
63 100
65 34.8 22.2 41.2
83 11.3 9.2 17.0

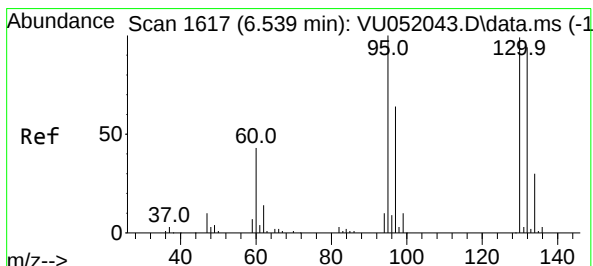
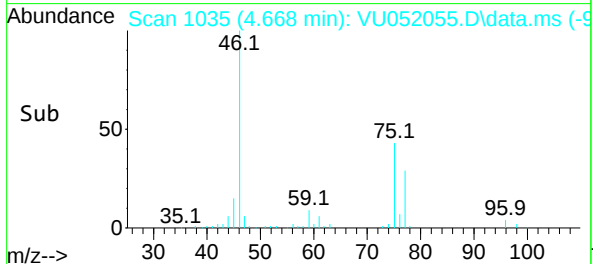
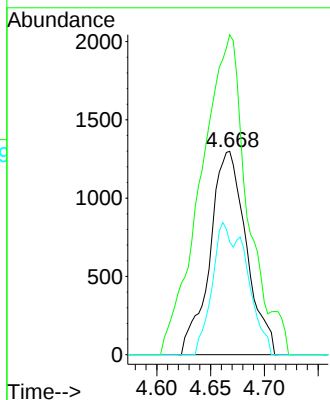
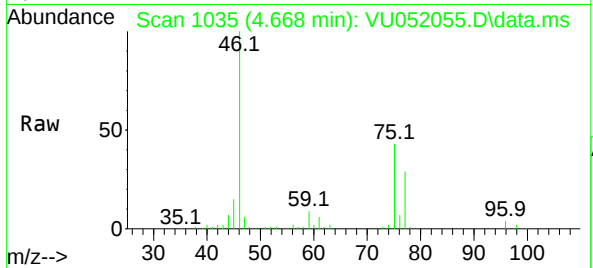




#22
 cis-1,2-Dichloroethene
 Concen: 0.212 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU052055.D
 Acq: 22 Nov 2022 21:35

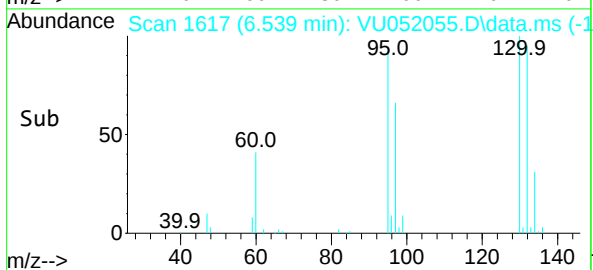
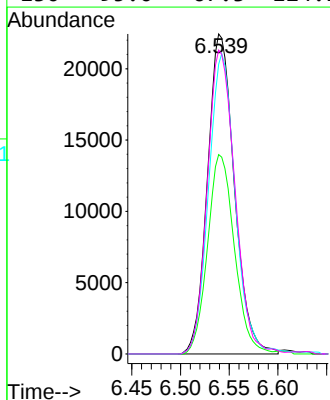
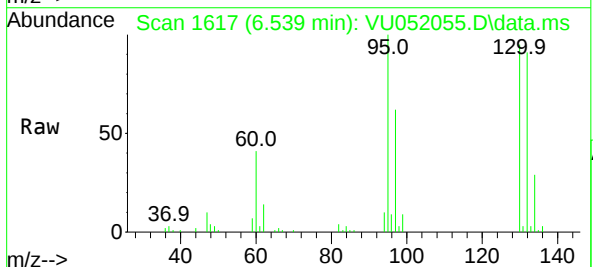
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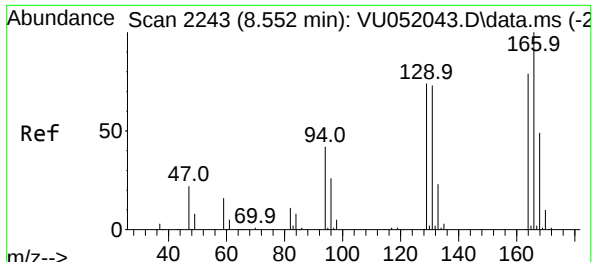
Tgt Ion: 96 Resp: 3050
 Ion Ratio Lower Upper
 96 100
 61 157.4 85.1 158.1
 98 55.4 42.8 79.6



#34
 Trichloroethene
 Concen: 3.020 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052055.D
 Acq: 22 Nov 2022 21:35

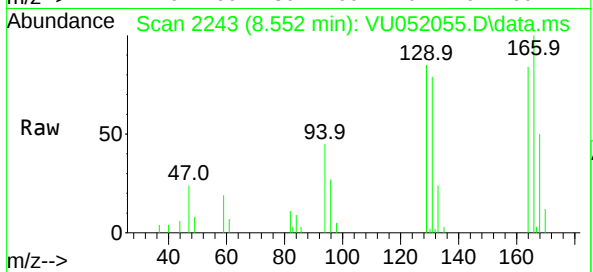
Tgt Ion: 95 Resp: 43157
 Ion Ratio Lower Upper
 95 100
 97 62.3 43.7 81.1
 132 90.6 64.3 119.3
 130 95.0 67.3 124.9





#47
 Tetrachloroethene
 Concen: 0.722 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU052055.D
 Acq: 22 Nov 2022 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J7DL



Tgt Ion:	164	Resp:	7909
Ion	Ratio	Lower	Upper
164	100		
129	101.0	67.4	125.2
131	94.1	67.1	124.7
166	119.0	89.7	166.5

