

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023580.D
 Acq On : 17 Nov 2021 19:23
 Operator : SY/MD
 Sample : M4627-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4638DL

Quant Time: Nov 18 00:24:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

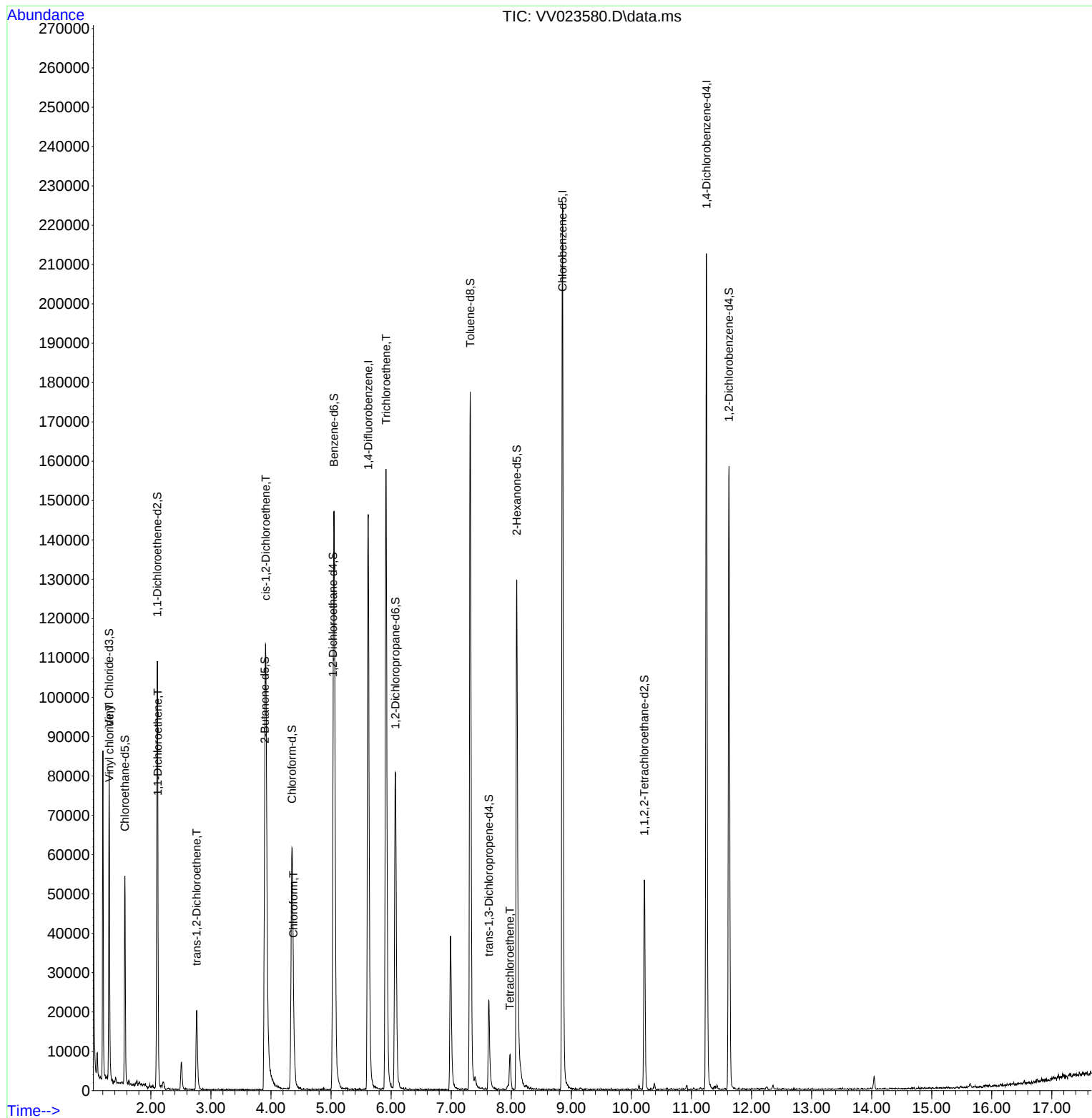
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42342	5.100	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.000%		
7) Chloroethane-d5	1.568	69	31575	4.667	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 93.400%		
11) 1,1-Dichloroethene-d2	2.108	63	55923	3.598	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 72.000%		
20) 2-Butanone-d5	3.896	46	61094	42.716	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 85.440%		
24) Chloroform-d	4.349	84	63948	3.614	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 72.200%		
26) 1,2-Dichloroethane-d4	5.034	65	32774	4.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.400%		
32) Benzene-d6	5.050	84	136006	4.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 84.000%		
36) 1,2-Dichloropropane-d6	6.072	67	39503	4.147	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 83.000%		
41) Toluene-d8	7.317	98	120000	3.957	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 79.200%		
43) trans-1,3-Dichloroprop...	7.629	79	13797	3.820	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 76.400%		
46) 2-Hexanone-d5	8.092	63	44929	33.809	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 67.620%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24650	3.598	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 72.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	42578	4.334	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 86.600%		
Target Compounds						
5) Vinyl chloride	1.310	62	6098	0.556	ug/L	97
12) 1,1-Dichloroethene	2.118	96	1089	0.138	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	7669	0.789	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	52657	5.632	ug/L #	90
25) Chloroform	4.375	83	6233	0.357	ug/L	98
34) Trichloroethene	5.915	95	55538	5.925	ug/L	98
47) Tetrachloroethene	7.979	164	2105	0.259	ug/L	95

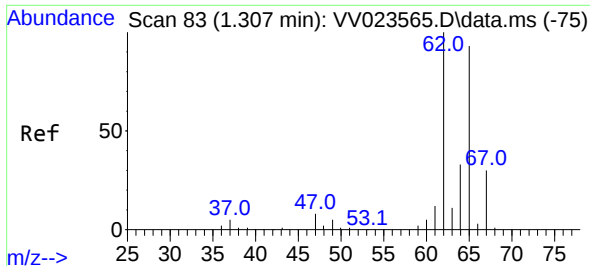
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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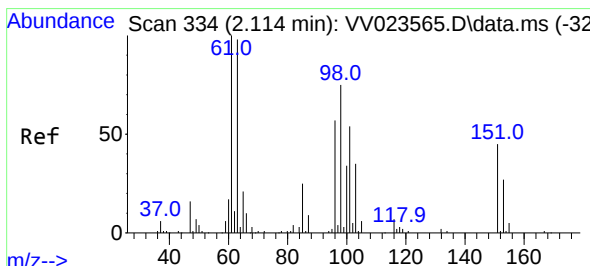
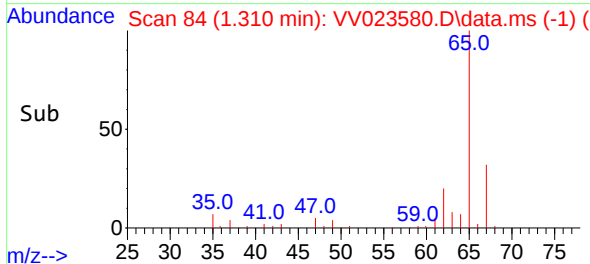
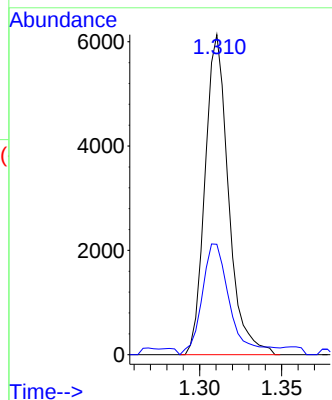
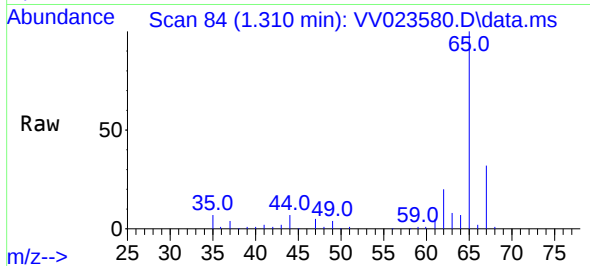




#5
 Vinyl chloride
 Concen: 0.556 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023580.D
 Acq: 17 Nov 2021 19:23

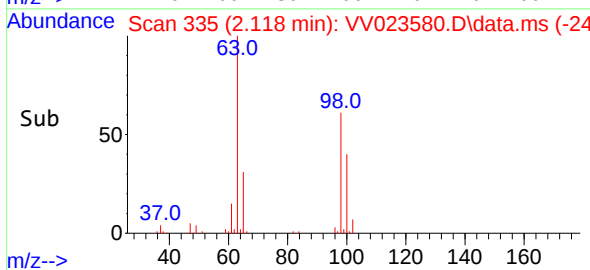
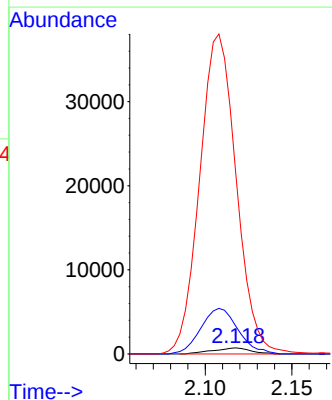
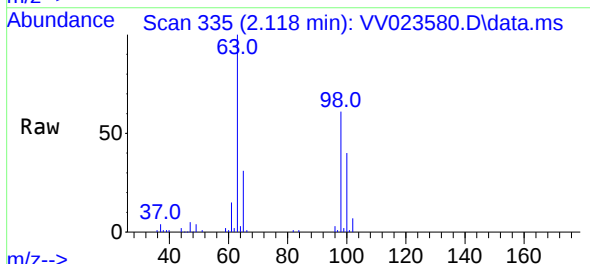
Instrument :
 MSVOA_V
 ClientSampleId :
 H4638DL

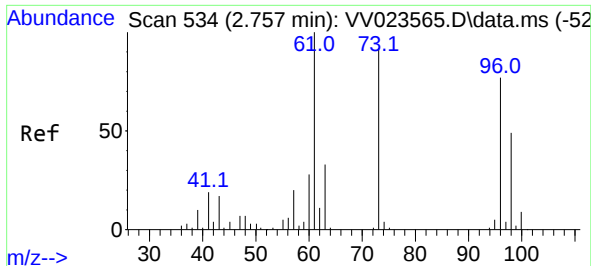
Tgt Ion: 62 Resp: 6098
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.138 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023580.D
 Acq: 17 Nov 2021 19:23

Tgt Ion: 96 Resp: 1089
 Ion Ratio Lower Upper
 96 100
 61 466.1 121.5 225.7#
 63 3031.5 99.6 185.0#

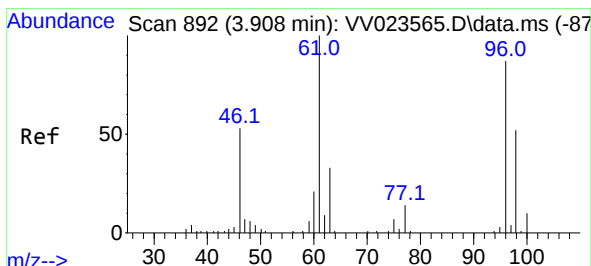
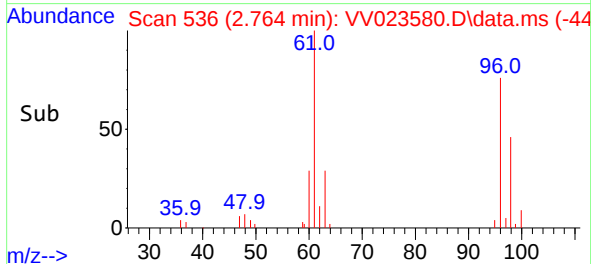
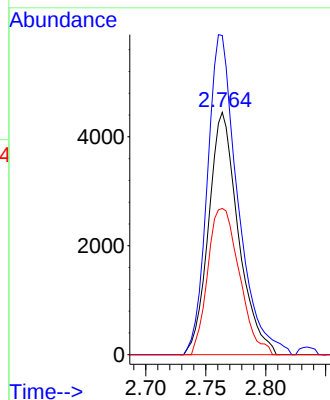
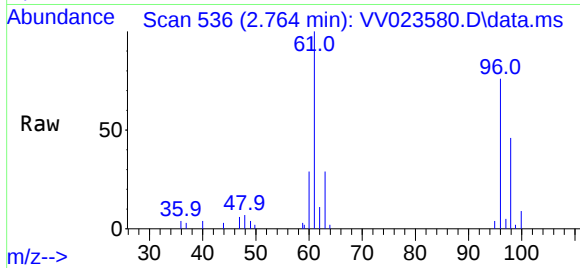




#18
trans-1,2-Dichloroethene
Concen: 0.789 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

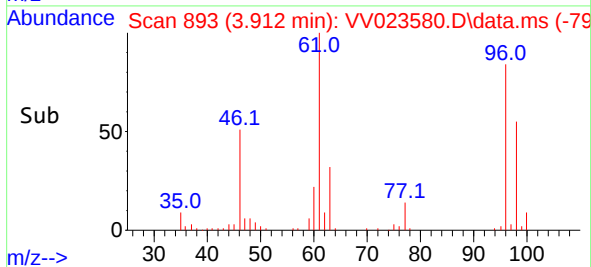
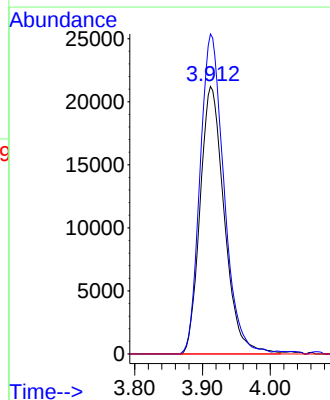
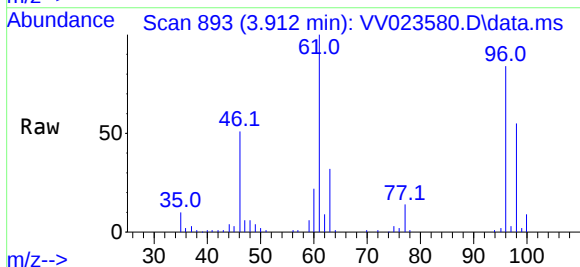
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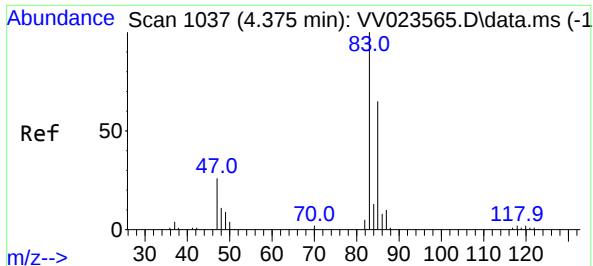
Tgt Ion: 96 Resp: 7669
Ion Ratio Lower Upper
96 100
61 131.6 93.2 173.2
98 60.3 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 5.632 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

Tgt Ion: 96 Resp: 52657
Ion Ratio Lower Upper
96 100
61 119.6 92.3 171.3
68 0.0 0.4 0.8

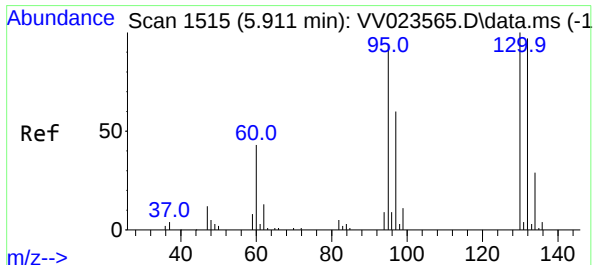
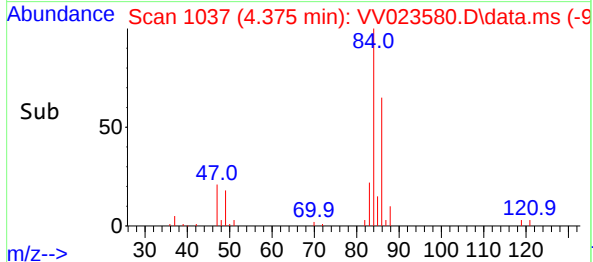
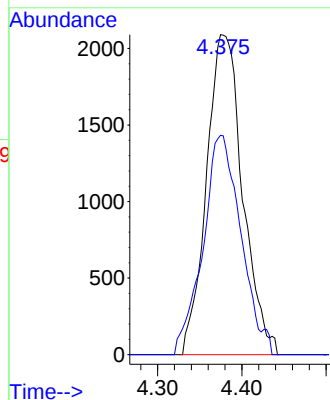
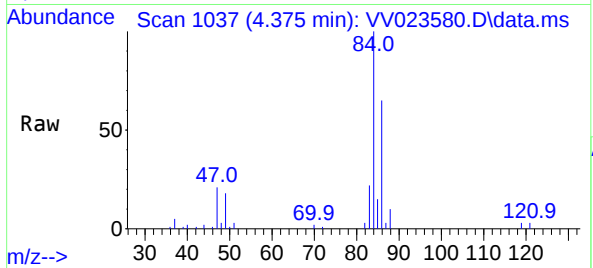




#25
Chloroform
Concen: 0.357 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

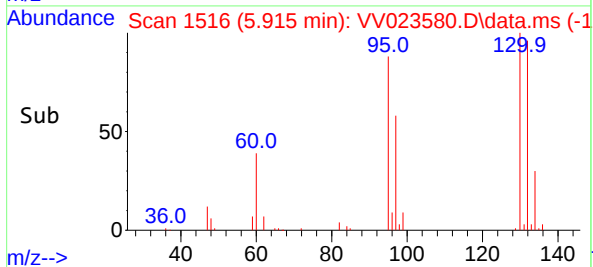
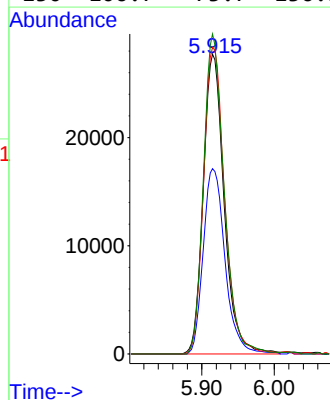
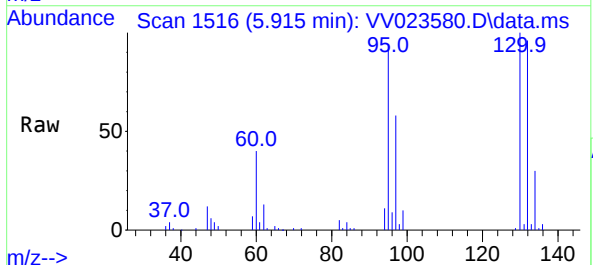
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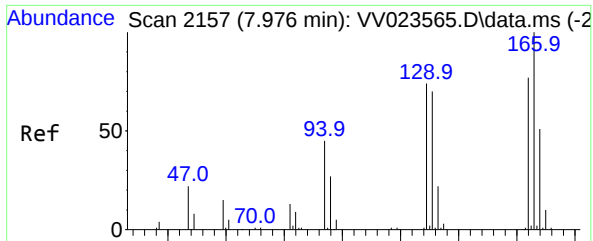
Tgt Ion: 83 Resp: 6233
Ion Ratio Lower Upper
83 100
85 68.6 46.8 86.8



#34
Trichloroethene
Concen: 5.925 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

Tgt Ion: 95 Resp: 55538
Ion Ratio Lower Upper
95 100
97 61.8 45.0 83.6
132 102.2 69.7 129.4
130 106.7 73.7 136.9





#47
 Tetrachloroethene
 Concen: 0.259 ug/L
 RT: 7.979 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023580.D
 Acq: 17 Nov 2021 19:23

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 MSVOA_V
 ClientSampleId :
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Tgt Ion:164 Resp: 2105

Ion	Ratio	Lower	Upper
164	100		
129	85.5	64.0	119.0
131	90.6	63.4	117.8
166	137.0	89.3	165.9

