

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023588.D
 Acq On : 17 Nov 2021 22:34
 Operator : SY/MD
 Sample : M4627-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4647

Quant Time: Nov 18 00:25:55 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)

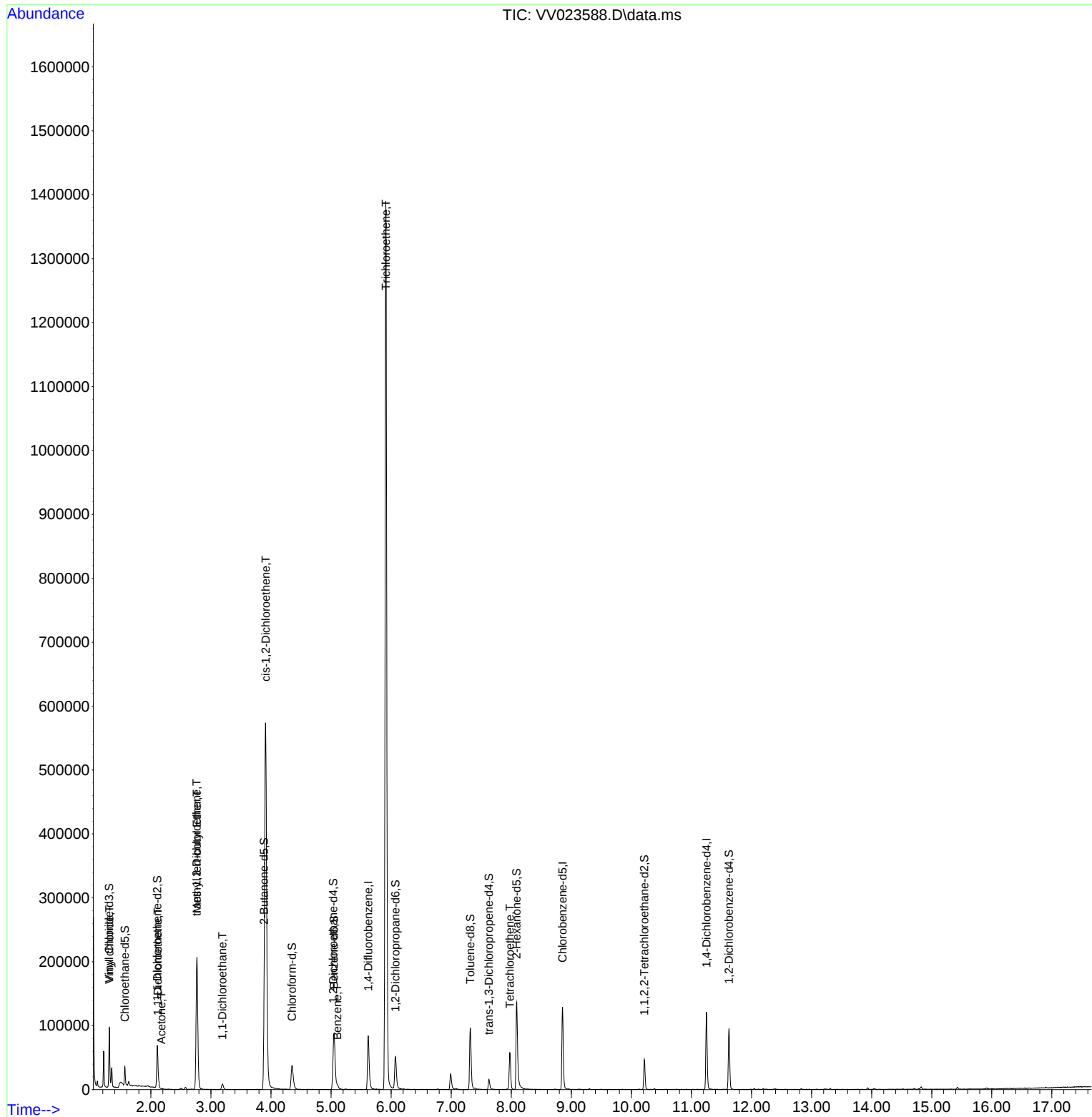
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	73173	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	73606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	32798	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	23358	5.096	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.000%		
7) Chloroethane-d5	1.568	69	16324	4.369	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 87.400%		
11) 1,1-Dichloroethene-d2	2.108	63	32476	3.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.600%		
20) 2-Butanone-d5	3.886	46	65781	83.294	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 166.580%#		
24) Chloroform-d	4.349	84	39376	4.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 80.600%		
26) 1,2-Dichloroethane-d4	5.037	65	22345	5.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.800%		
32) Benzene-d6	5.050	84	76865	4.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 81.400%		
36) 1,2-Dichloropropane-d6	6.072	67	24186	4.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 87.000%		
41) Toluene-d8	7.317	98	65019	3.674	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 73.400%		
43) trans-1,3-Dichloroprop...	7.629	79	9500	4.507	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.200%		
46) 2-Hexanone-d5	8.088	63	46368	59.783	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 119.560%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21650	5.415	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	25852	4.734	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.600%		
Target Compounds						
5) Vinyl chloride	1.311	62	25836	4.264	ug/L	95
12) 1,1-Dichloroethene	2.118	96	1529	0.350	ug/L #	1
13) Acetone	2.175	43	1005	2.083	ug/L	87
17) Methyl tert-butyl Ether	2.767	73	173232	18.035	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	12789	2.384	ug/L	99
19) 1,1-Dichloroethane	3.191	63	8733	0.964	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	318380	61.674	ug/L #	90
33) Benzene	5.105	78	5513	0.268	ug/L	100
34) Trichloroethene	5.912	95	461664	84.384	ug/L	97
47) Tetrachloroethene	7.979	164	13554	2.859	ug/L	97

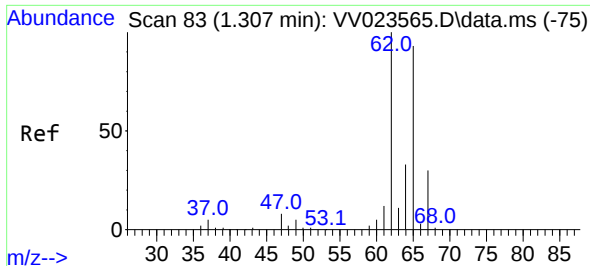
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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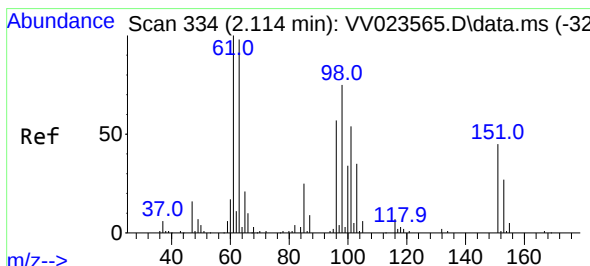
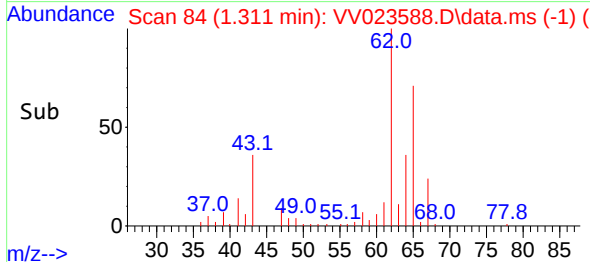
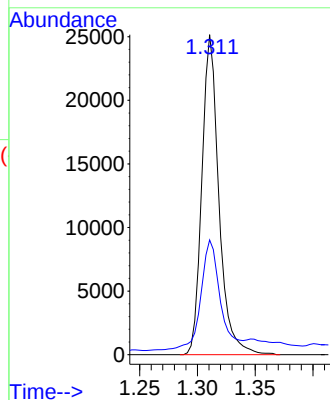
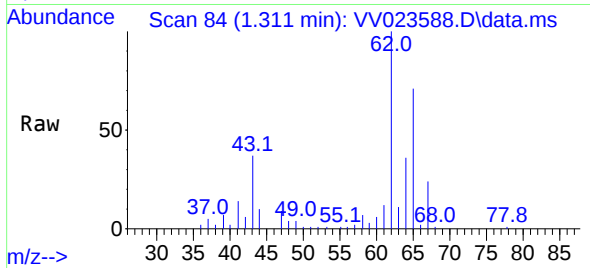




#5
 Vinyl chloride
 Concen: 4.264 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023588.D
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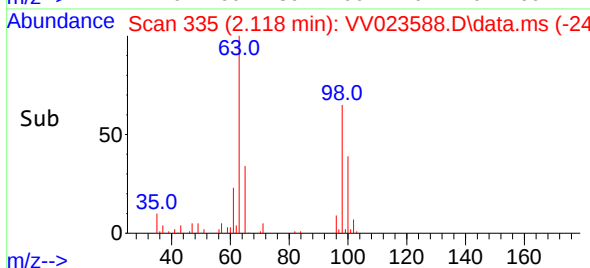
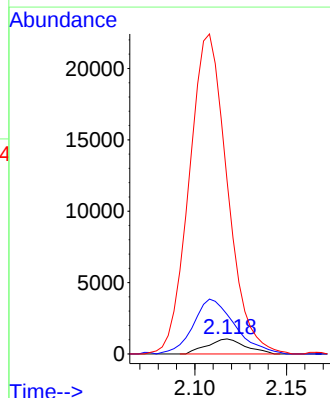
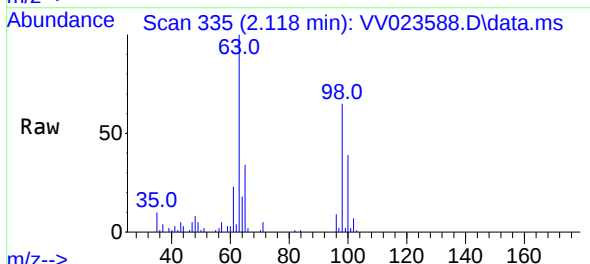
Instrument :
 MSVOA_V
 ClientSampleId :
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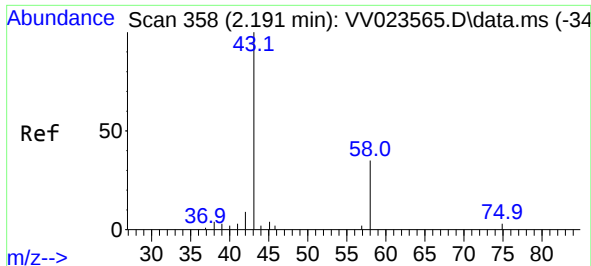
Tgt Ion: 62 Resp: 25836
 Ion Ratio Lower Upper
 62 100
 64 35.9 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.350 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023588.D
 Acq: 17 Nov 2021 22:34

Tgt Ion: 96 Resp: 1529
 Ion Ratio Lower Upper
 96 100
 61 262.2 121.5 225.7#
 63 1146.5 99.6 185.0#

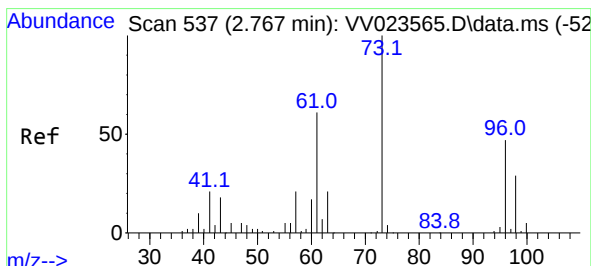
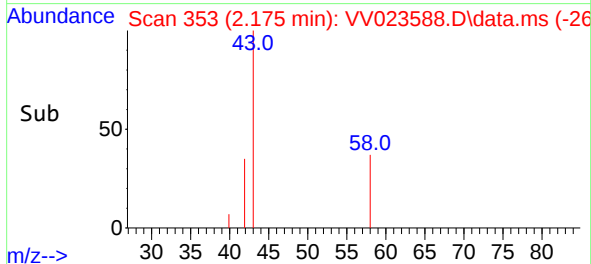
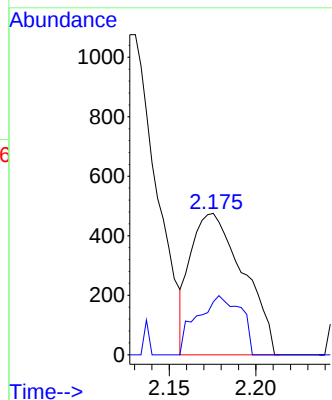
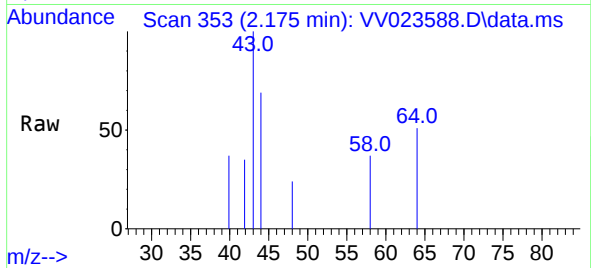




#13
Acetone
Concen: 2.083 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV023588.D
Acq: 17 Nov 2021 22:34

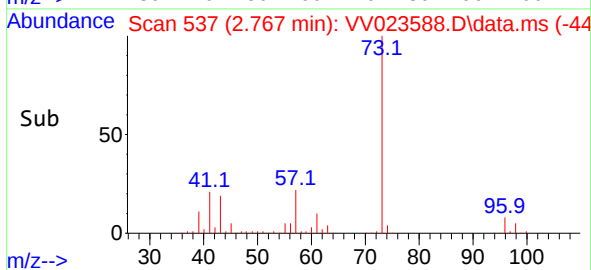
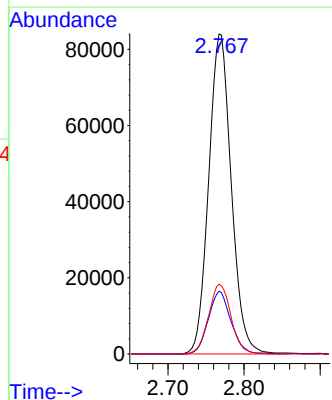
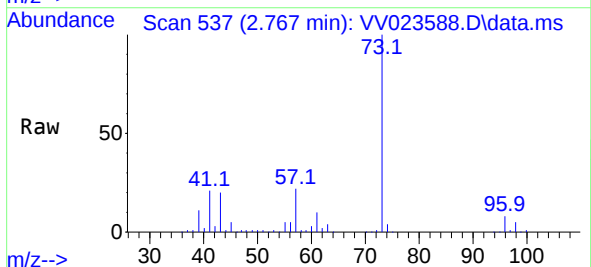
Instrument :
MSVOA_V
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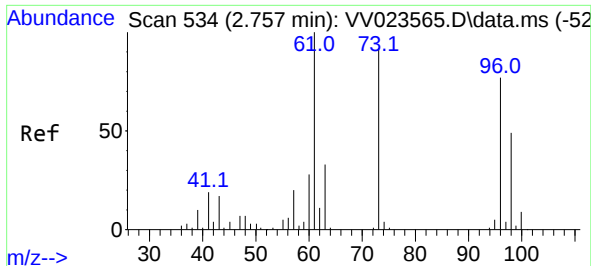
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 34.7 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 18.035 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023588.D
Acq: 17 Nov 2021 22:34

Tgt Ion: 73 Resp: 173232
Ion Ratio Lower Upper
73 100
43 19.5 17.4 26.0
57 21.7 16.5 24.7

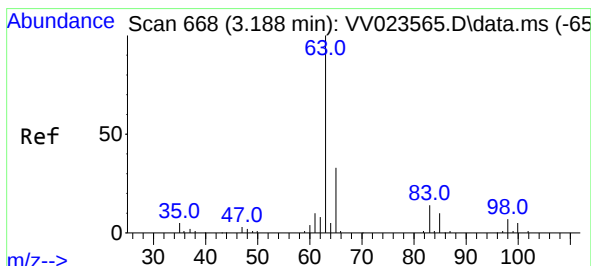
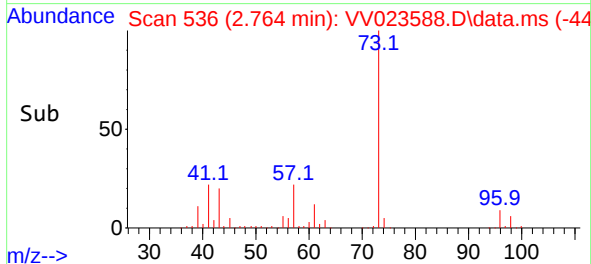
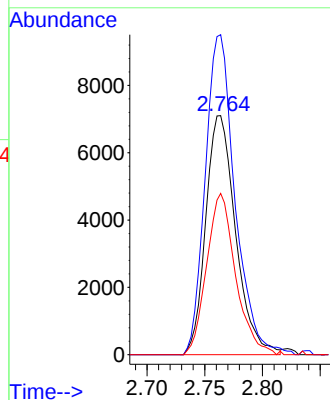
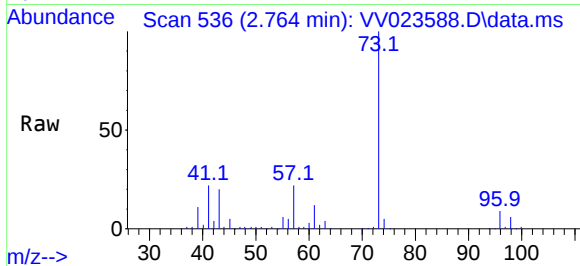




#18
trans-1,2-Dichloroethene
Concen: 2.384 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023588.D
Acq: 17 Nov 2021 22:34

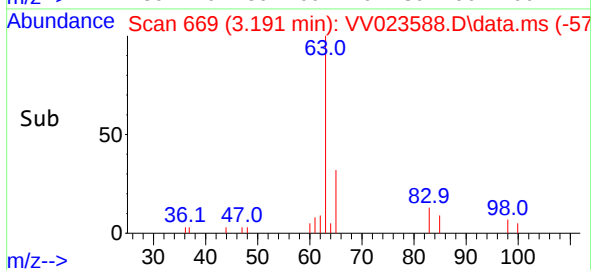
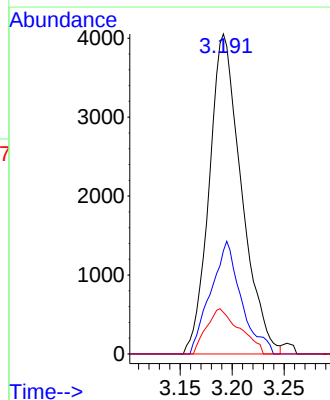
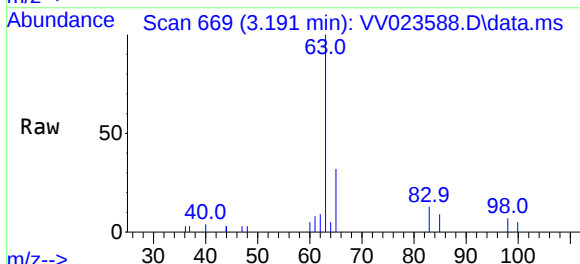
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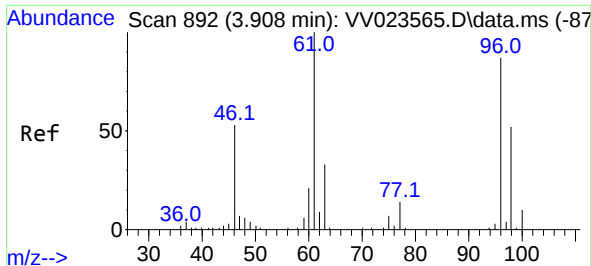
Tgt Ion: 96 Resp: 12789
Ion Ratio Lower Upper
96 100
61 133.9 93.2 173.2
98 67.5 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.964 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023588.D
Acq: 17 Nov 2021 22:34

Tgt Ion: 63 Resp: 8733
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.0 11.1 20.7

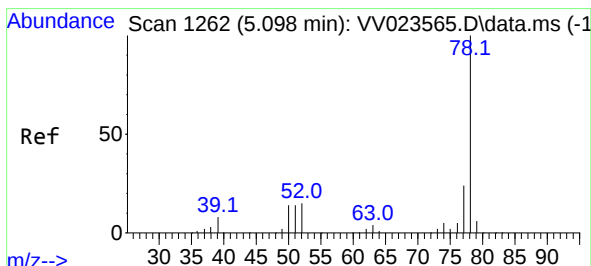
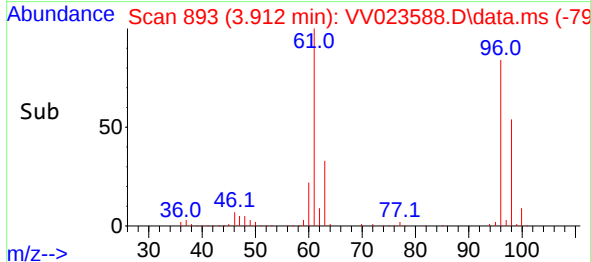
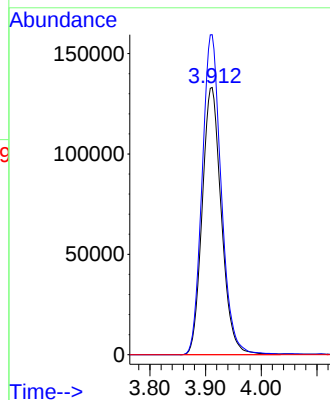
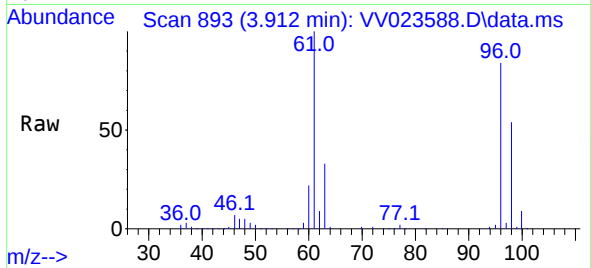




#22
 cis-1,2-Dichloroethene
 Concen: 61.674 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023588.D
 Acq: 17 Nov 2021 22:34

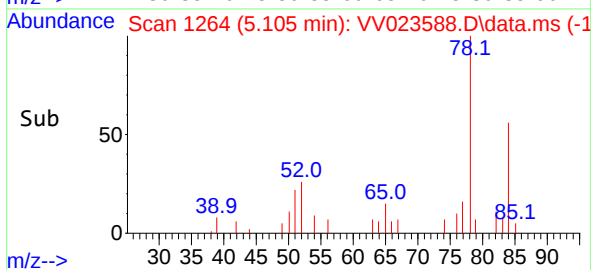
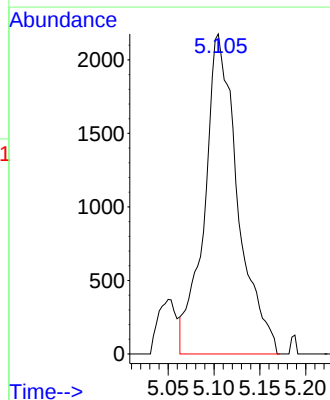
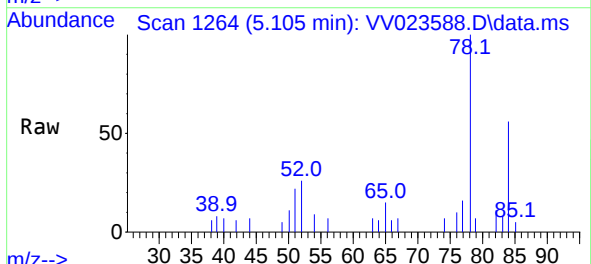
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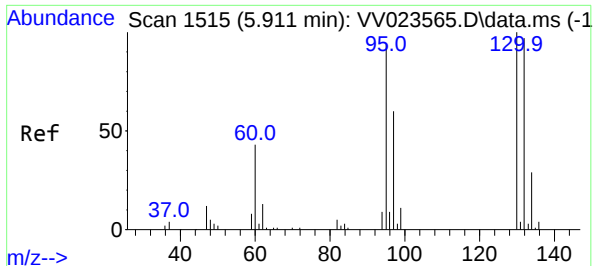
Tgt Ion: 96 Resp: 318380
 Ion Ratio Lower Upper
 96 100
 61 119.8 92.3 171.3
 68 0.0 0.4 0.8#



#33
 Benzene
 Concen: 0.268 ug/L
 RT: 5.105 min Scan# 1264
 Delta R.T. 0.007 min
 Lab File: VV023588.D
 Acq: 17 Nov 2021 22:34

Tgt Ion: 78 Resp: 5513





#34

Trichloroethene

Concen: 84.384 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023588.D

Acq: 17 Nov 2021 22:34

Instrument :

MSVOA_V

ClientSampleId :

H4647

Tgt Ion: 95 Resp: 461664

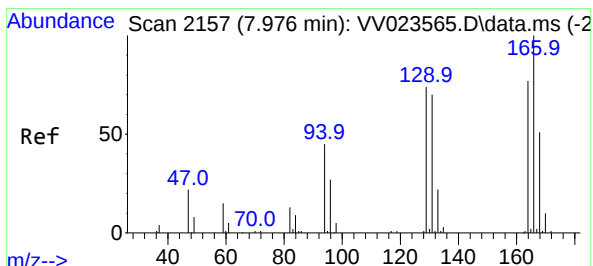
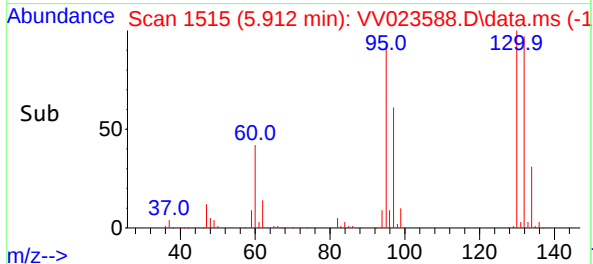
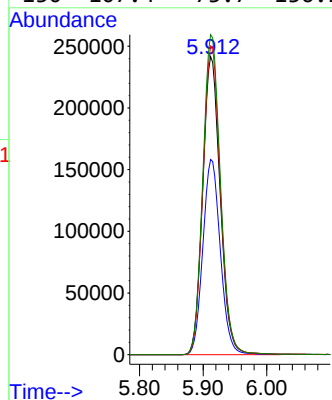
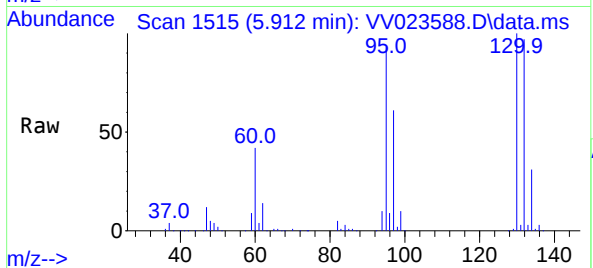
Ion Ratio Lower Upper

95 100

97 65.5 45.0 83.6

132 103.6 69.7 129.4

130 107.4 73.7 136.9



#47

Tetrachloroethene

Concen: 2.859 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023588.D

Acq: 17 Nov 2021 22:34

Tgt Ion:164 Resp: 13554

Ion Ratio Lower Upper

164 100

129 86.7 64.0 119.0

131 86.6 63.4 117.8

166 126.8 89.3 165.9

