

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028781.D
 Acq On : 31 Oct 2022 15:33
 Operator : SY/MD
 Sample : N5301-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWP1

Quant Time: Nov 01 04:56:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

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

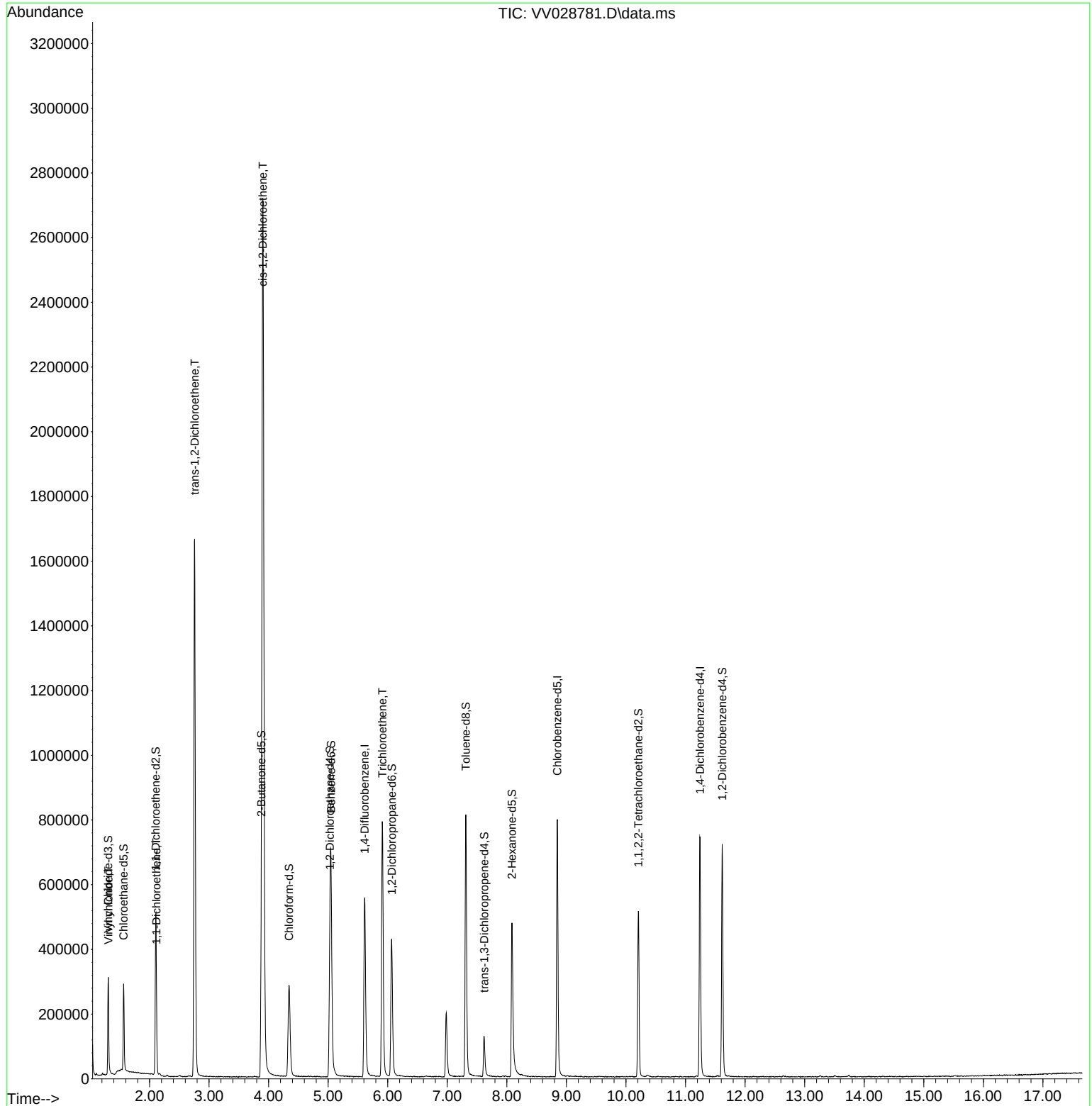
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	447379	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	401280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	175123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	185140	43.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.300%		
7) Chloroethane-d5	1.564	69	168737	46.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.080%		
11) 1,1-Dichloroethene-d2	2.104	63	273880	33.949	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.900%		
21) 2-Butanone-d5	3.876	46	279522	90.542	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.540%		
24) Chloroform-d	4.342	84	282376	44.146	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.300%		
26) 1,2-Dichloroethane-d4	5.027	65	195927	46.315	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.620%		
32) Benzene-d6	5.047	84	600498	47.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.880%		
36) 1,2-Dichloropropane-d6	6.066	67	206361	47.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.960%		
41) Toluene-d8	7.310	98	504805	45.838	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.680%		
43) trans-1,3-Dichloroprop...	7.619	79	70467	42.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.320%		
47) 2-Hexanone-d5	8.085	63	173115	89.072	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.070%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	251397	44.329	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.660%		
66) 1,2-Dichlorobenzene-d4	11.615	152	161762	46.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	26694	5.307	ug/L #	78
12) 1,1-Dichloroethene	2.117	96	9245	2.771	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	562303	174.218	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	1354947	380.477	ug/L #	99
34) Trichloroethene	5.908	95	274337	83.039	ug/L	97

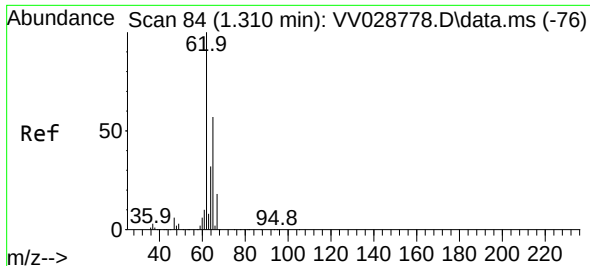
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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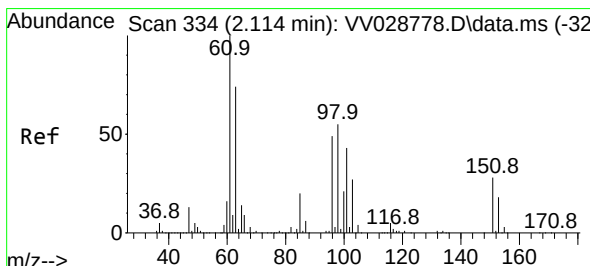
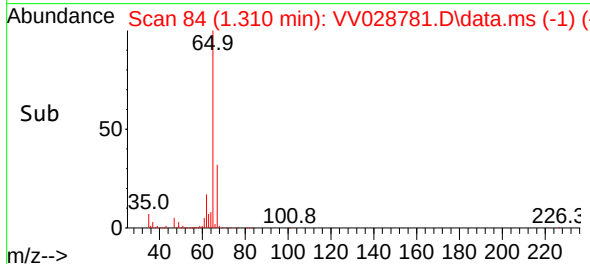
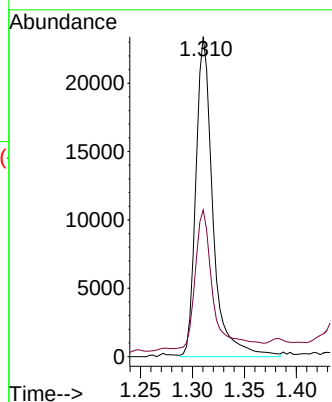
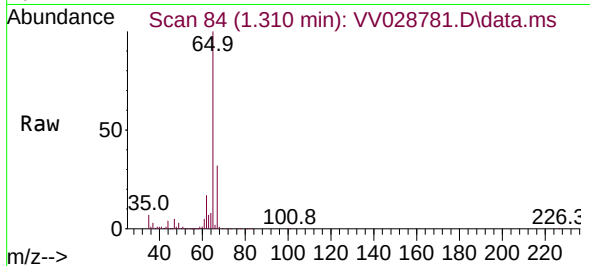




#5
 Vinyl chloride
 Concen: 5.307 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028781.D
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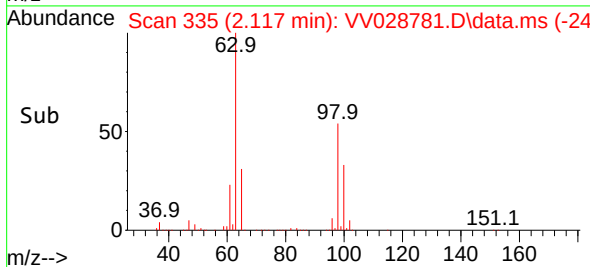
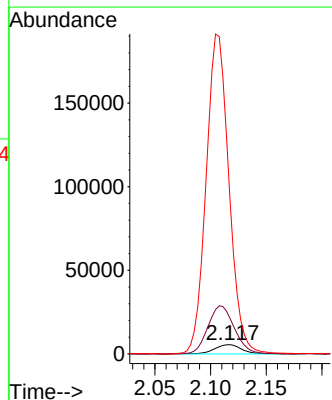
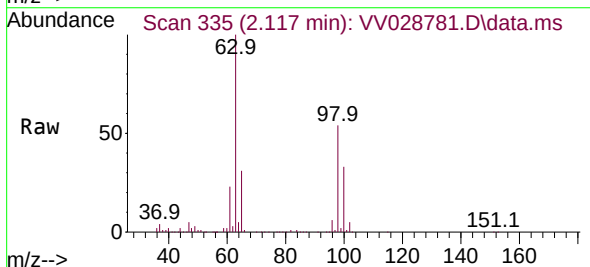
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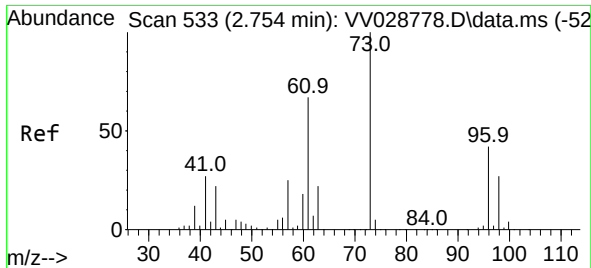
Tgt Ion: 62 Resp: 26694
 Ion Ratio Lower Upper
 62 100
 64 45.8 23.2 43.0#



#12
 1,1-Dichloroethene
 Concen: 2.771 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028781.D
 Acq: 31 Oct 2022 15:33

Tgt Ion: 96 Resp: 9245
 Ion Ratio Lower Upper
 96 100
 61 390.0 142.7 265.1#
 63 1694.7 112.5 208.9#

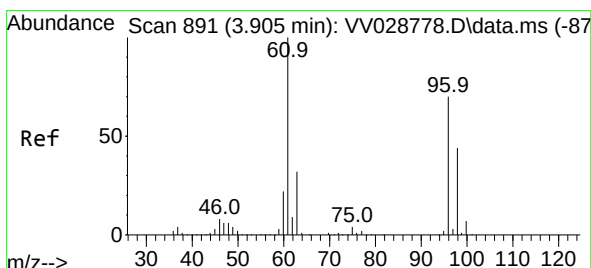
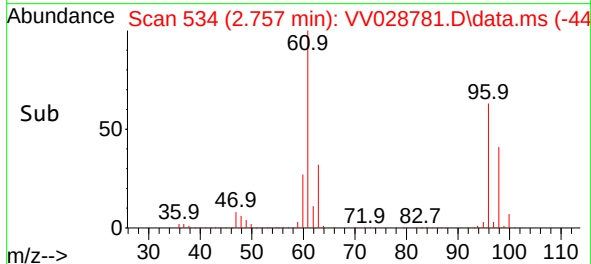
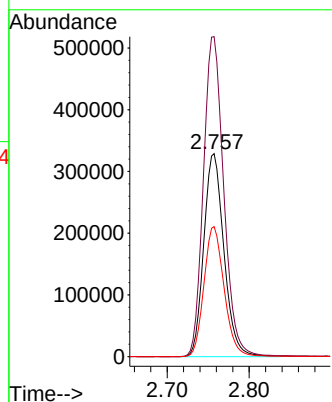
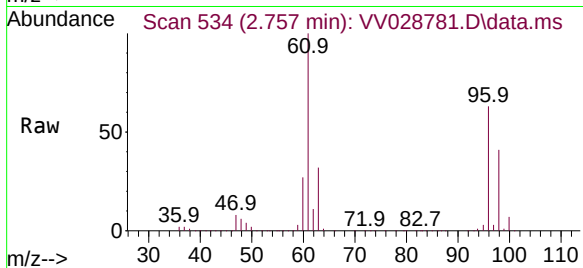




#17
trans-1,2-Dichloroethene
Concen: 174.218 ug/L
RT: 2.757 min Scan# 531
Delta R.T. 0.003 min
Lab File: VV028781.D
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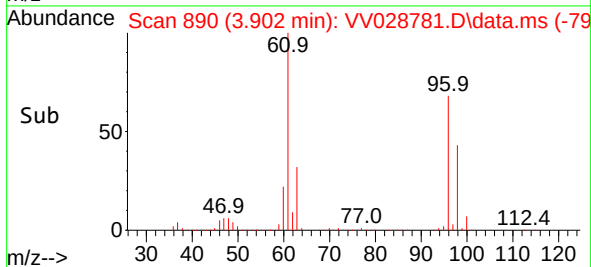
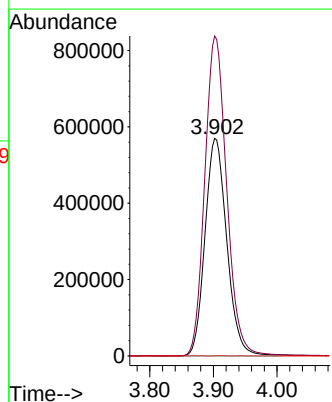
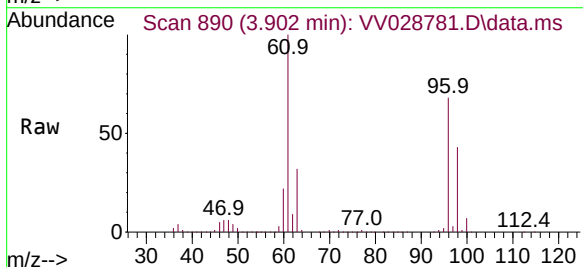
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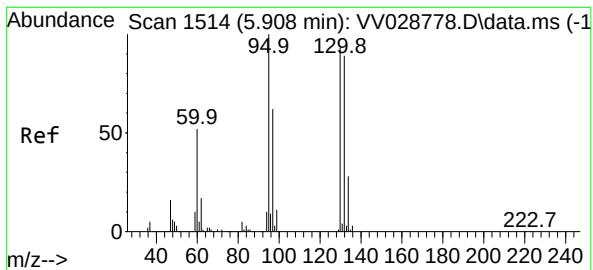
Tgt Ion: 96 Resp: 562303
Ion Ratio Lower Upper
96 100
61 157.7 109.4 203.2
98 64.1 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 380.477 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028781.D
Acq: 31 Oct 2022 15:33

Tgt Ion: 96 Resp: 1354947
Ion Ratio Lower Upper
96 100
61 147.1 102.3 190.1
68 0.0 0.1 0.3





#34
 Trichloroethene
 Concen: 83.039 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV028781.D
 Acq: 31 Oct 2022 15:33

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWP1

Tgt Ion: 95 Resp: 274337

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.2	85.8
132	88.5	63.2	117.4
130	90.8	66.2	123.0

