

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110122\
 Data File : VV028824.D
 Acq On : 01 Nov 2022 18:52
 Operator : SY/MD
 Sample : N5301-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 05:15:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

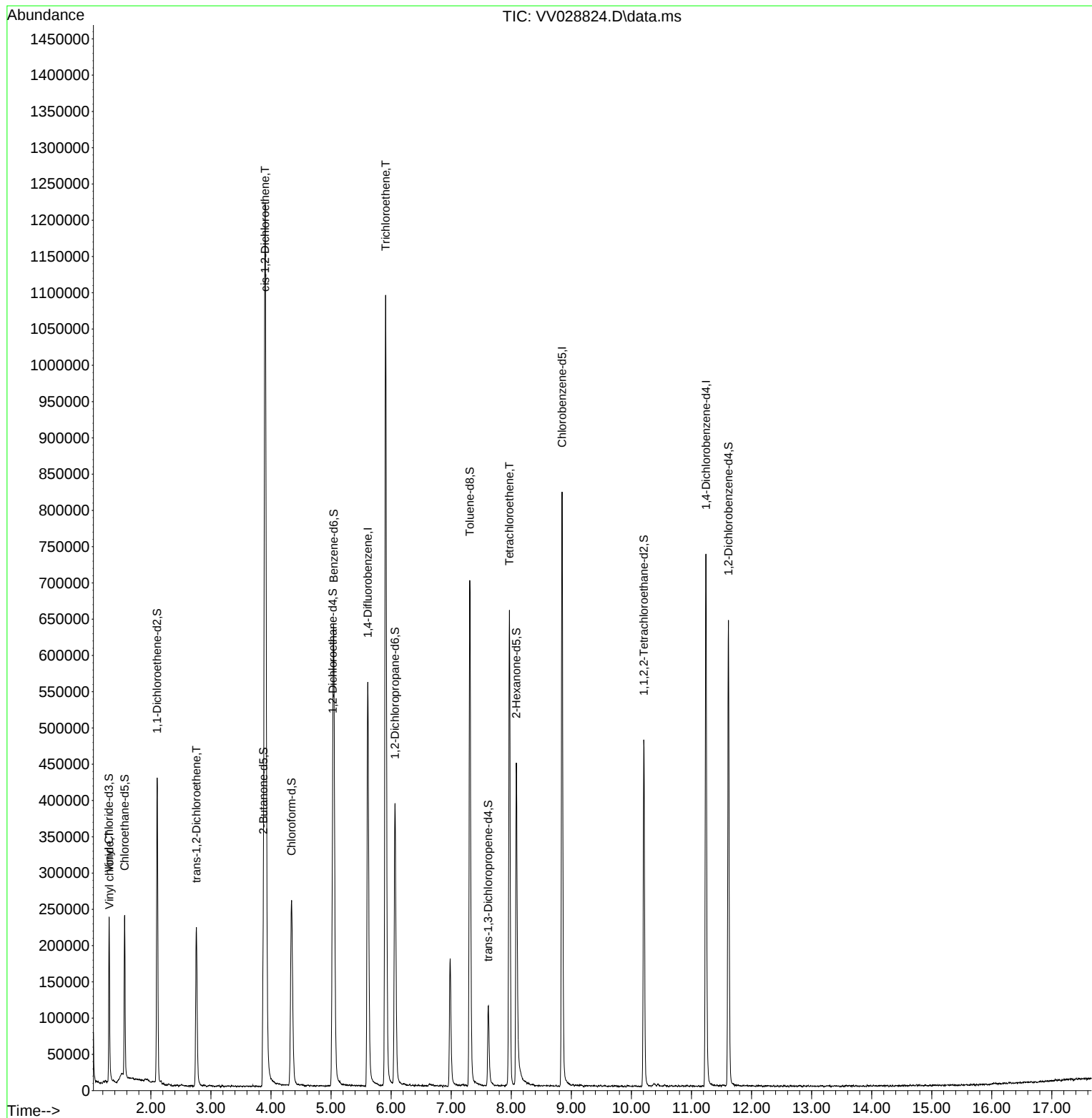
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	442270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	403362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	171244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	161895	38.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.220%
7) Chloroethane-d5	1.564	69	144115	40.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.420%
11) 1,1-Dichloroethene-d2	2.105	63	234791	29.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.880%#
21) 2-Butanone-d5	3.873	46	245571	80.463	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.460%
24) Chloroform-d	4.342	84	254871	40.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.620%
26) 1,2-Dichloroethane-d4	5.027	65	181559	43.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
32) Benzene-d6	5.043	84	523937	41.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
36) 1,2-Dichloropropane-d6	6.066	67	188453	43.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.180%
41) Toluene-d8	7.310	98	440210	39.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.540%#
43) trans-1,3-Dichloroprop...	7.616	79	62401	37.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.160%
47) 2-Hexanone-d5	8.085	63	153382	78.512	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.510%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	232204	40.734	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.460%
66) 1,2-Dichlorobenzene-d4	11.615	152	145720	43.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.220%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4058	0.816	ug/L #	31
17) trans-1,2-Dichloroethene	2.757	96	74642	23.393	ug/L	95
20) cis-1,2-Dichloroethene	3.902	96	602882	171.248	ug/L #	97
34) Trichloroethene	5.908	95	376783	113.460	ug/L	96
46) Tetrachloroethene	7.969	164	128966	56.033	ug/L	99

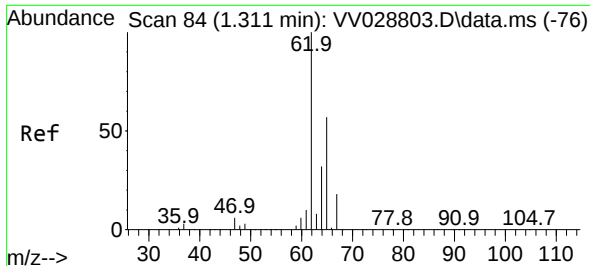
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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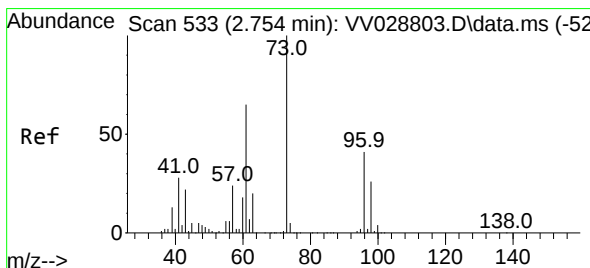
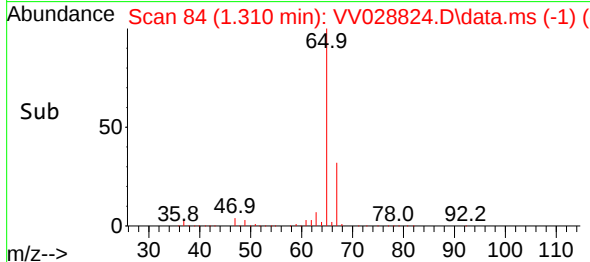
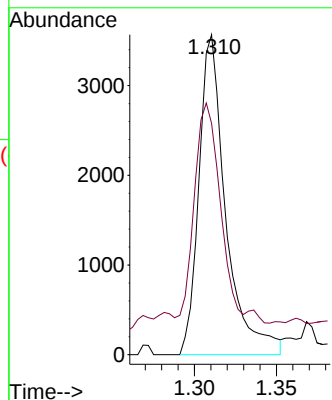
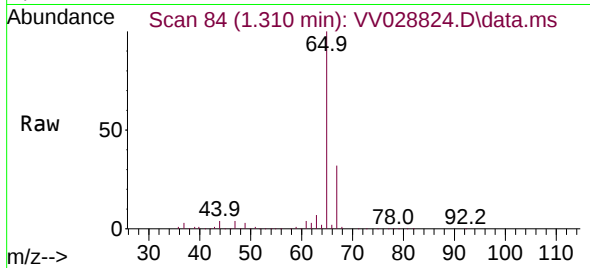




#5
 Vinyl chloride
 Concen: 0.816 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028824.D
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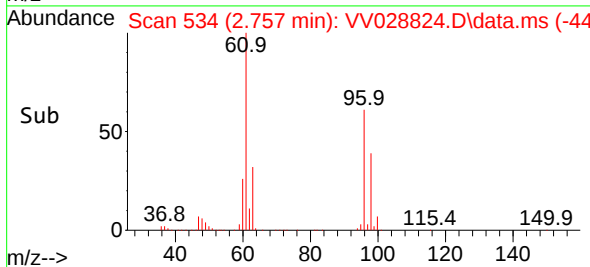
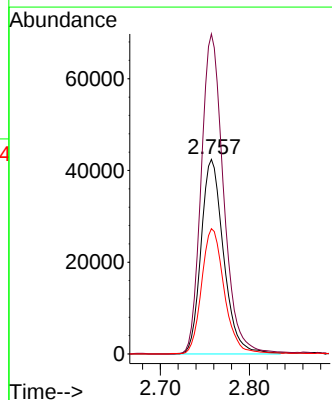
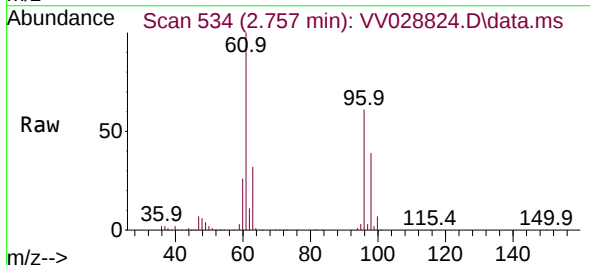
Instrument :
 MSVOA_V
 ClientSampleId :

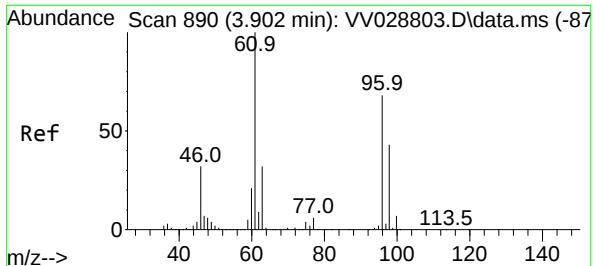
Tgt Ion: 62 Resp: 4058
 Ion Ratio Lower Upper
 62 100
 64 72.3 23.2 43.0#



#17
 trans-1,2-Dichloroethene
 Concen: 23.393 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. 0.003 min
 Lab File: VV028824.D
 Acq: 01 Nov 2022 18:52

Tgt Ion: 96 Resp: 74642
 Ion Ratio Lower Upper
 96 100
 61 164.4 109.4 203.2
 98 64.4 43.3 80.5

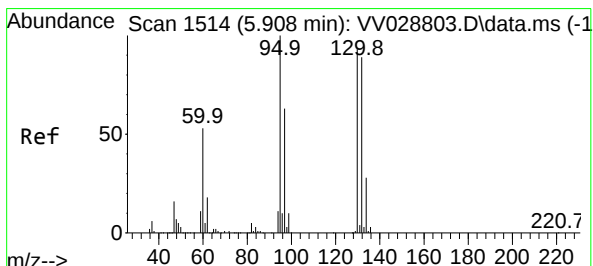
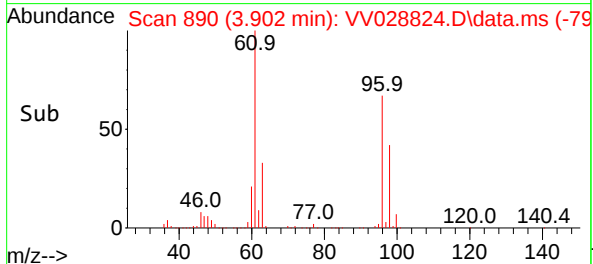
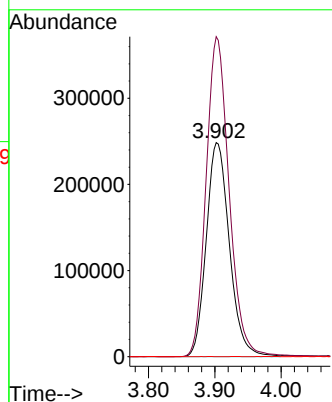
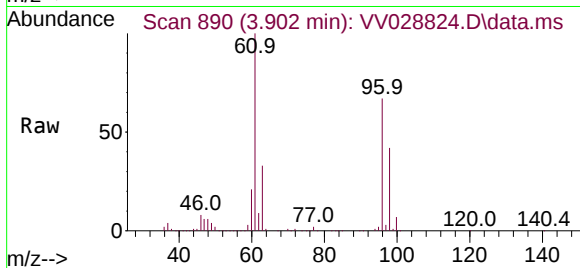




#20
cis-1,2-Dichloroethene
Concen: 171.248 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV028824.D
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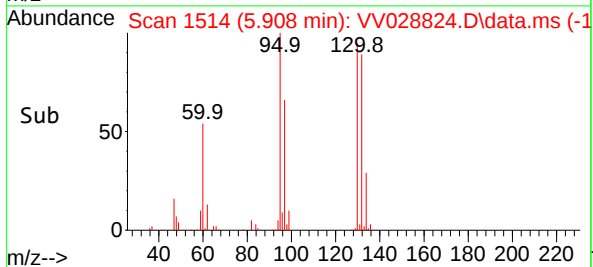
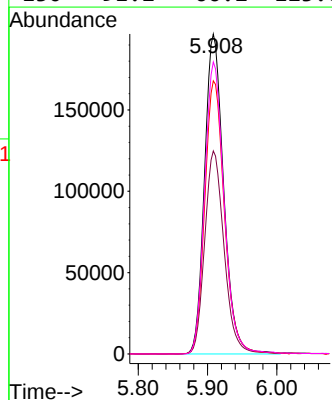
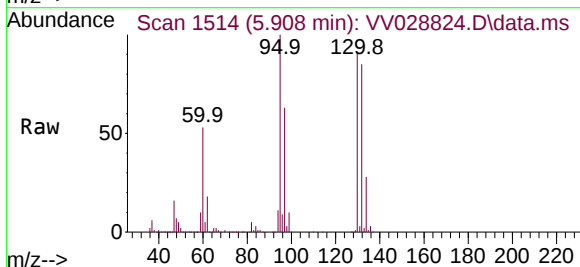
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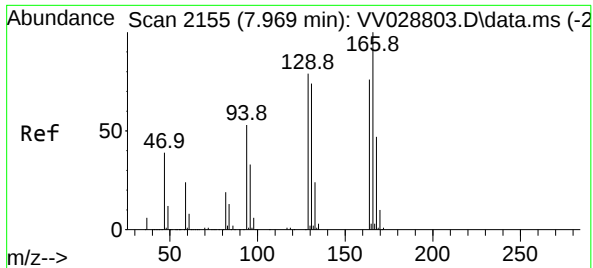
Tgt Ion: 96 Resp: 602882
Ion Ratio Lower Upper
96 100
61 149.4 102.3 190.1
68 0.0 0.1 0.3#



#34
Trichloroethene
Concen: 113.460 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028824.D
Acq: 01 Nov 2022 18:52

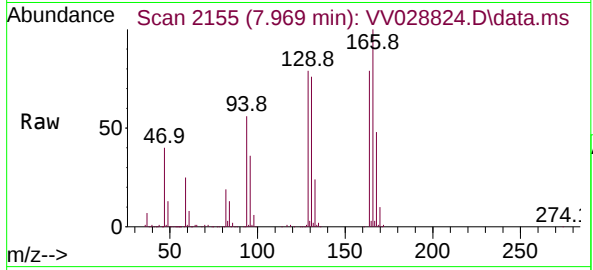
Tgt Ion: 95 Resp: 376783
Ion Ratio Lower Upper
95 100
97 63.5 46.2 85.8
132 85.4 63.2 117.4
130 91.2 66.2 123.0





#46
 Tetrachloroethene
 Concen: 56.033 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: VV028824.D
 Acq: 01 Nov 2022 18:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	128966
Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.5	129.1
131	96.0	66.4	123.2
166	126.9	88.5	164.3

