

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028799.D
 Acq On : 31 Oct 2022 22:44
 Operator : SY/MD
 Sample : N5321-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:59:13 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)

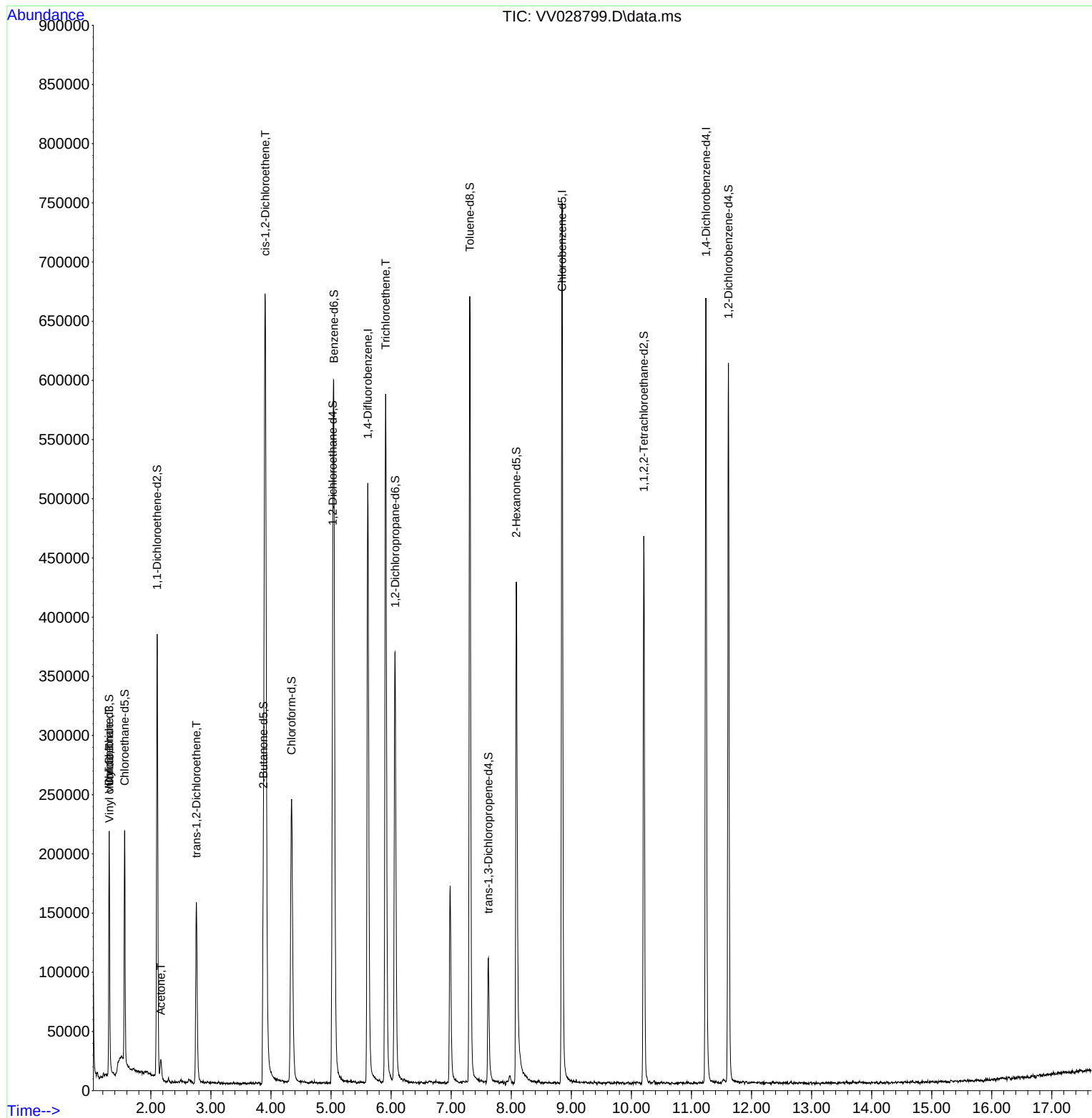
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	404738	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	368110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	156020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127738	33.293	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	66.580%	
7) Chloroethane-d5	1.564	69	124973	38.102	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	76.200%	
11) 1,1-Dichloroethene-d2	2.105	63	207795	28.471	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	56.940%#	
21) 2-Butanone-d5	3.873	46	247045	88.453	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.450%	
24) Chloroform-d	4.342	84	239331	41.358	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.720%	
26) 1,2-Dichloroethane-d4	5.027	65	171876	44.910	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.820%	
32) Benzene-d6	5.047	84	500428	43.547	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.100%	
36) 1,2-Dichloropropane-d6	6.066	67	177124	44.896	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.800%	
41) Toluene-d8	7.310	98	420959	41.669	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.340%	
43) trans-1,3-Dichloroprop...	7.619	79	59968	39.576	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.160%	
47) 2-Hexanone-d5	8.085	63	149730	83.982	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	83.980%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227213	43.675	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	87.360%	
66) 1,2-Dichlorobenzene-d4	11.615	152	138862	45.090	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.180%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	21637	4.755	ug/L	85
8) Chloroethane	1.307	64	9139	3.128	ug/L	100
13) Acetone	2.166	43	13161	4.867	ug/L	84
17) trans-1,2-Dichloroethene	2.757	96	52418	17.952	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	325474	101.024	ug/L #	98
34) Trichloroethene	5.908	95	205065	67.664	ug/L	98

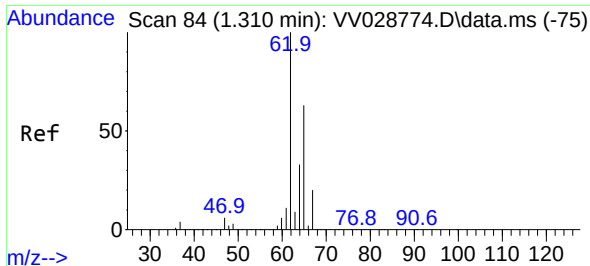
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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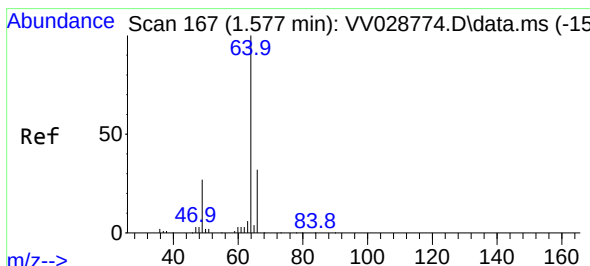
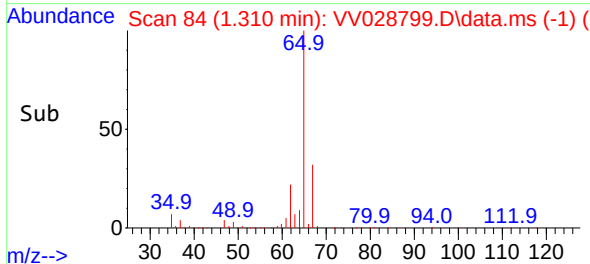
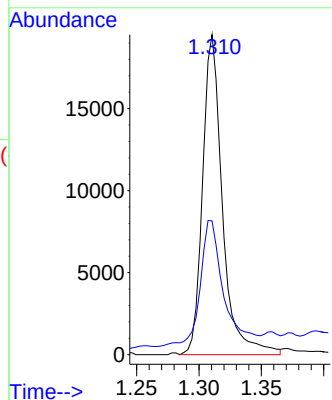
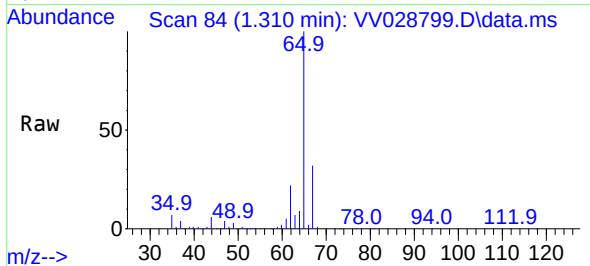




#5
 Vinyl chloride
 Concen: 4.755 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028799.D
 Acq: 31 Oct 2022 22:44

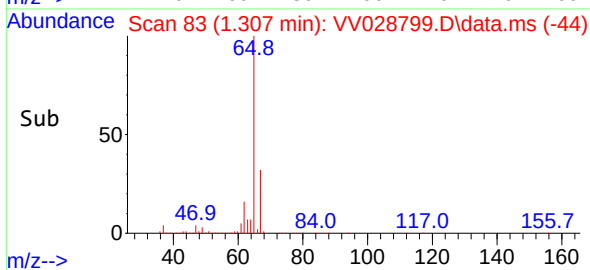
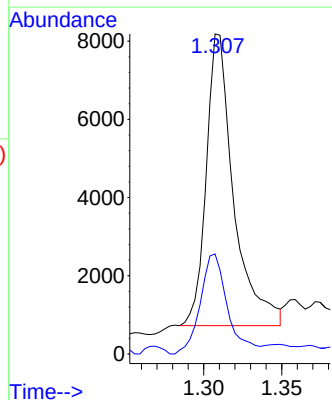
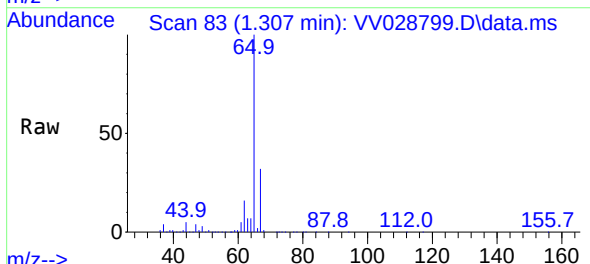
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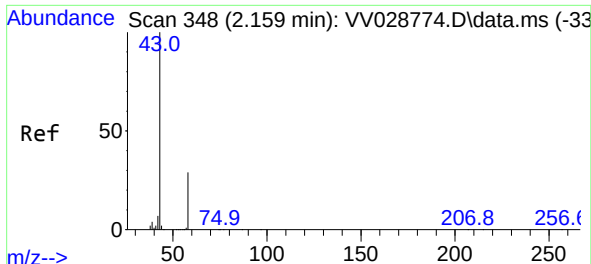
Tgt Ion: 62 Resp: 21637
 Ion Ratio Lower Upper
 62 100
 64 41.8 23.2 43.0



#8
 Chloroethane
 Concen: 3.128 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.273 min
 Lab File: VV028799.D
 Acq: 31 Oct 2022 22:44

Tgt Ion: 64 Resp: 9139
 Ion Ratio Lower Upper
 64 100
 66 31.3 21.7 40.3

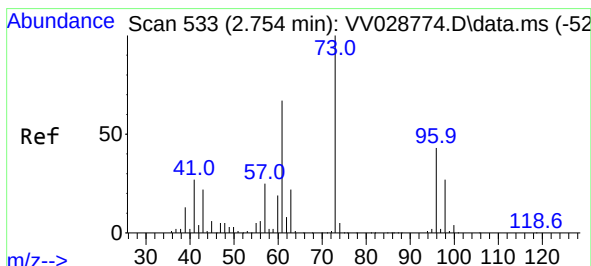
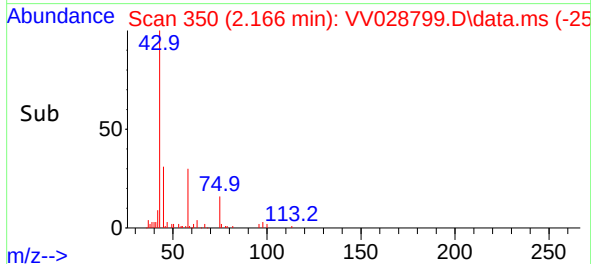
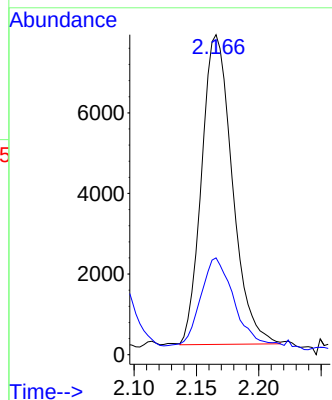
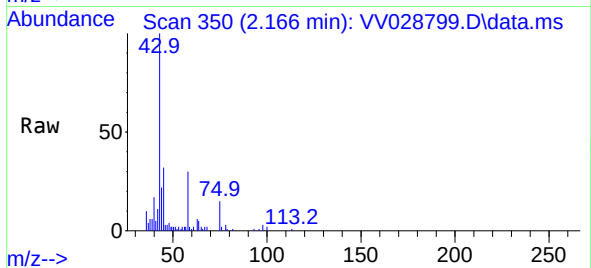




#13
Acetone
Concen: 4.867 ug/L
RT: 2.166 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028799.D
Acq: 31 Oct 2022 22:44

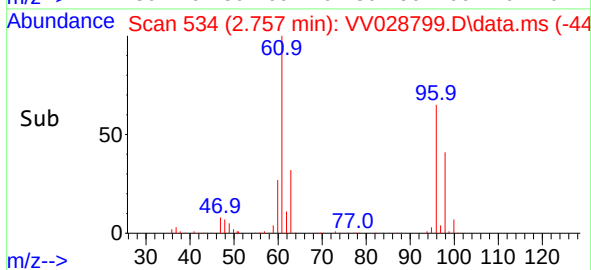
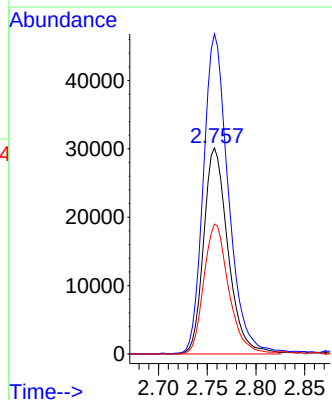
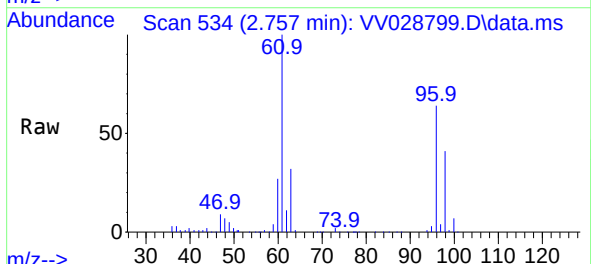
Instrument :
MSVOA_V
ClientSampleId :

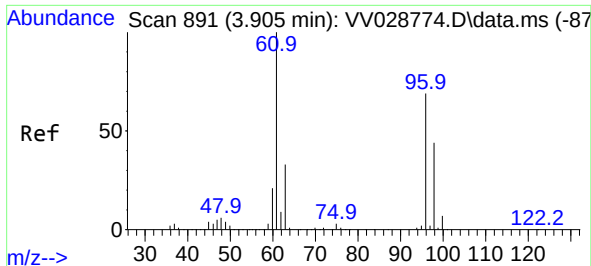
Tgt Ion: 43 Resp: 13161
Ion Ratio Lower Upper
43 100
58 38.0 0.0 59.0



#17
trans-1,2-Dichloroethene
Concen: 17.952 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028799.D
Acq: 31 Oct 2022 22:44

Tgt Ion: 96 Resp: 52418
Ion Ratio Lower Upper
96 100
61 155.3 109.4 203.2
98 63.0 43.3 80.5

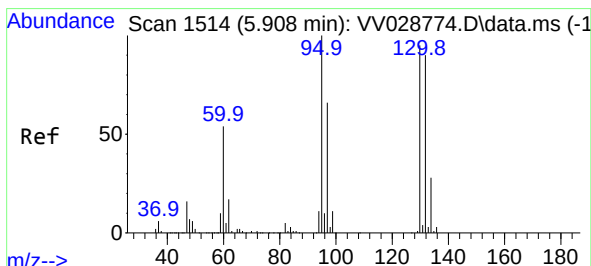
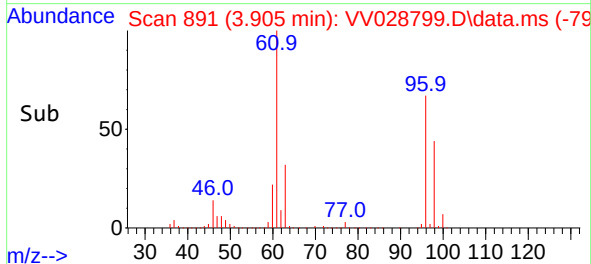
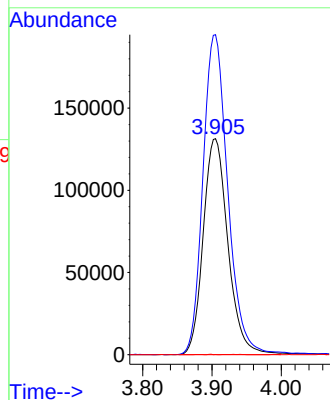
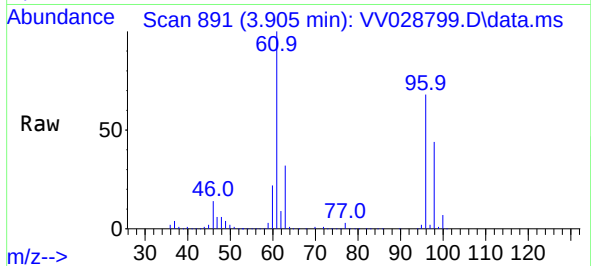




#20
cis-1,2-Dichloroethene
Concen: 101.024 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV028799.D
Acq: 31 Oct 2022 22:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 325474
Ion Ratio Lower Upper
96 100
61 148.1 102.3 190.1
68 0.1 0.1 0.3#



#34
Trichloroethene
Concen: 67.664 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028799.D
Acq: 31 Oct 2022 22:44

Tgt Ion: 95 Resp: 205065
Ion Ratio Lower Upper
95 100
97 64.2 46.2 85.8
132 89.6 63.2 117.4
130 93.0 66.2 123.0

