

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110122\
 Data File : VV028815.D
 Acq On : 01 Nov 2022 14:50
 Operator : SY/MD
 Sample : N5353-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWU7

Quant Time: Nov 02 05:13:16 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)

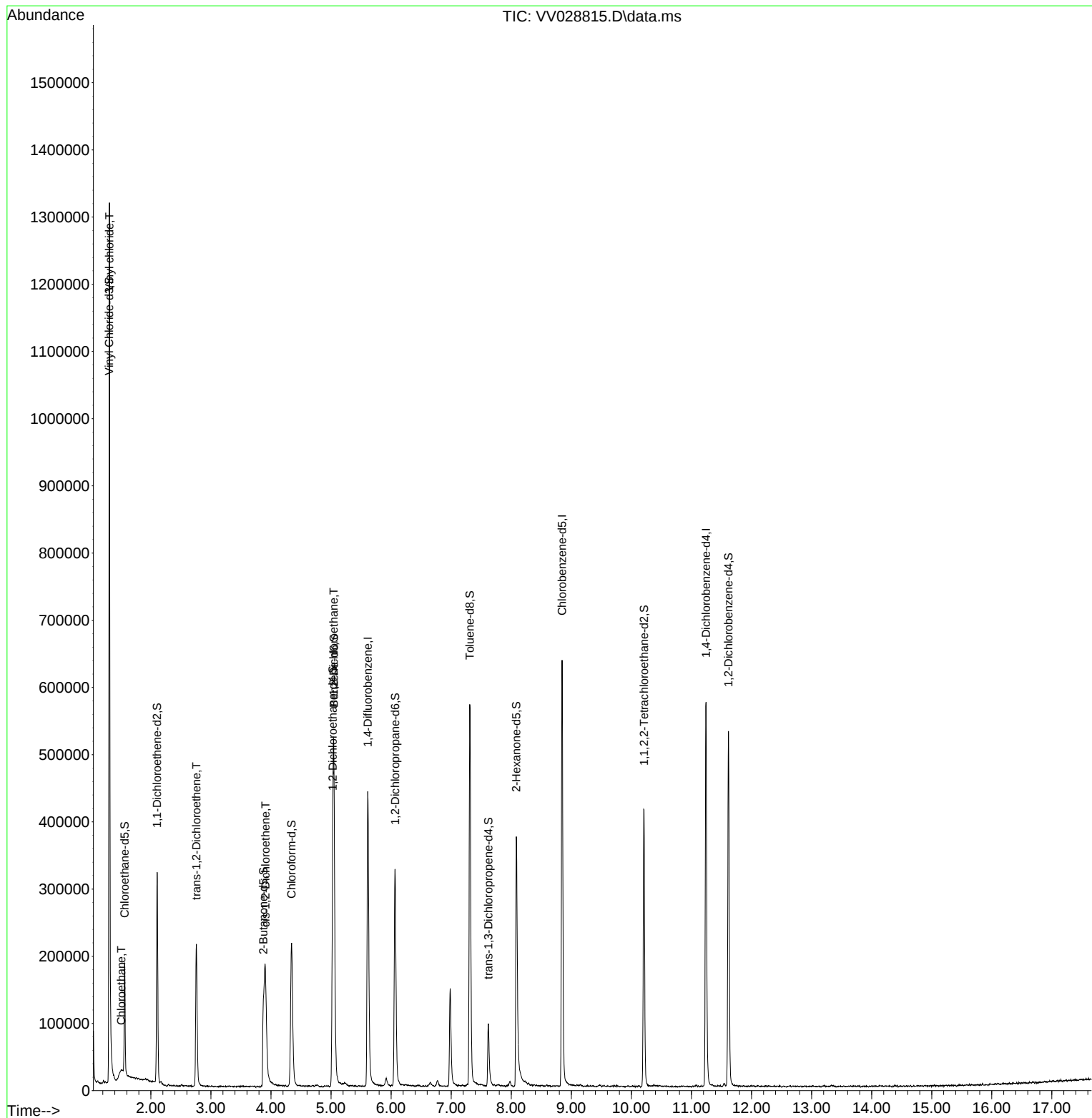
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	352365	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	316551	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	134885	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114575	34.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.600%
7) Chloroethane-d5	1.564	69	106187	37.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.380%
11) 1,1-Dichloroethene-d2	2.105	63	173630	27.326	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.660%#
21) 2-Butanone-d5	3.873	46	217333	89.380	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.380%
24) Chloroform-d	4.342	84	213912	42.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.920%
26) 1,2-Dichloroethane-d4	5.027	65	151622	45.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
32) Benzene-d6	5.047	84	431804	43.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	157722	46.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.980%
41) Toluene-d8	7.310	98	362307	41.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.619	79	52369	40.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.380%
47) 2-Hexanone-d5	8.085	63	132848	86.650	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.650%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	202024	45.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	11.616	152	123881	46.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.060%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	819382	206.833	ug/L	98
8) Chloroethane	1.507	64	28178	11.077	ug/L #	53
17) trans-1,2-Dichloroethene	2.757	96	70781	27.843	ug/L	92
20) cis-1,2-Dichloroethene	3.908	96	73615	26.245	ug/L #	98
27) 1,2-Dichloroethane	5.043	62	3086	0.734	ug/L	98

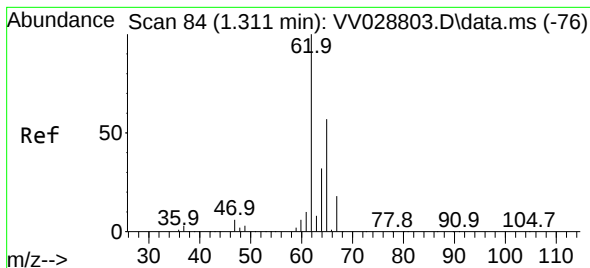
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 206.833 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

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ClientSampleId :

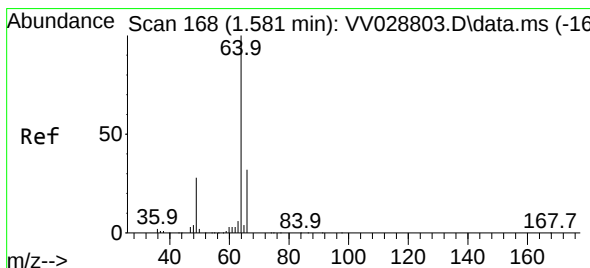
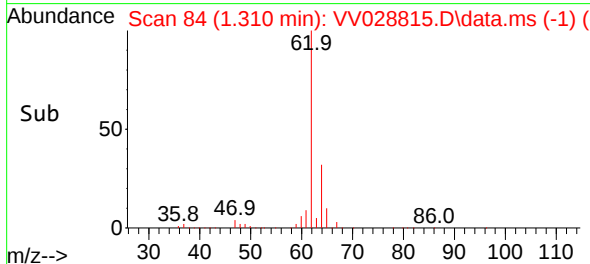
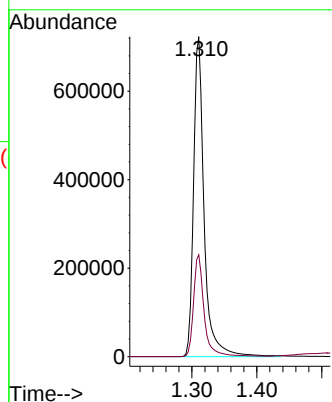
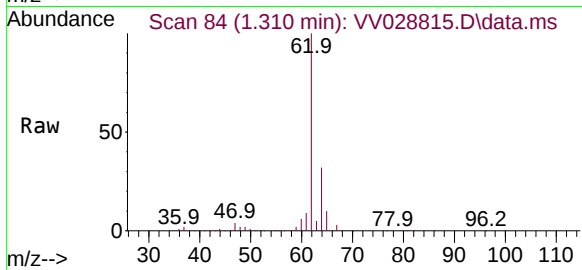
DBWU7

Tgt Ion: 62 Resp: 819382

Ion Ratio Lower Upper

62 100

64 31.8 23.2 43.0



#8

Chloroethane

Concen: 11.077 ug/L

RT: 1.507 min Scan# 145

Delta R.T. -0.074 min

Lab File: VV028815.D

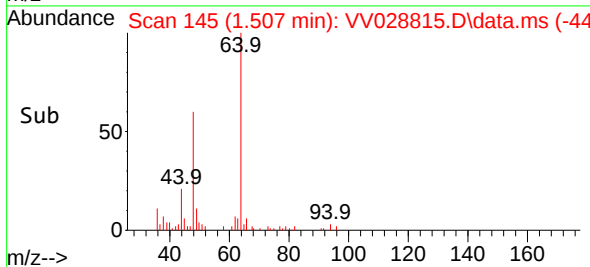
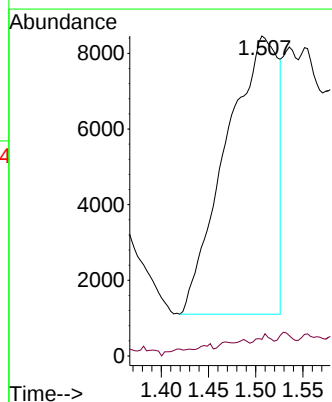
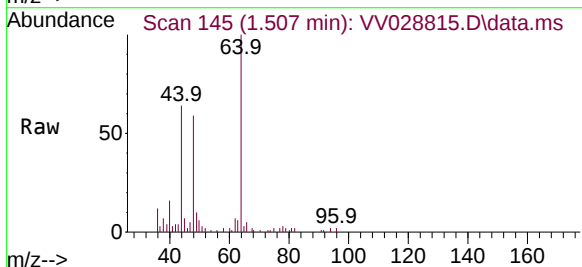
Acq: 01 Nov 2022 14:50

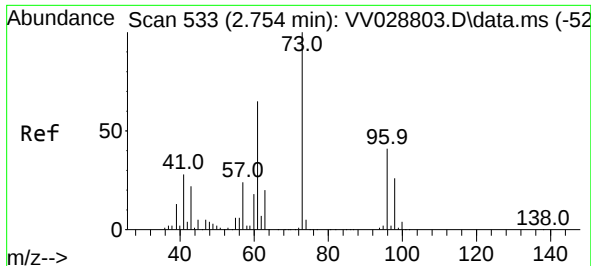
Tgt Ion: 64 Resp: 28178

Ion Ratio Lower Upper

64 100

66 5.2 21.7 40.3#

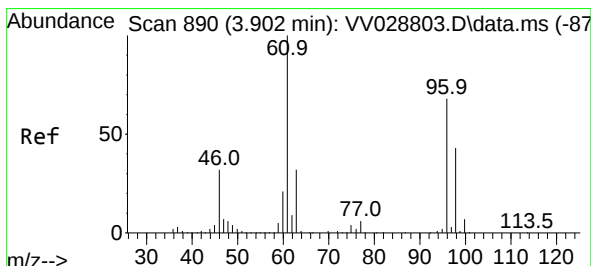
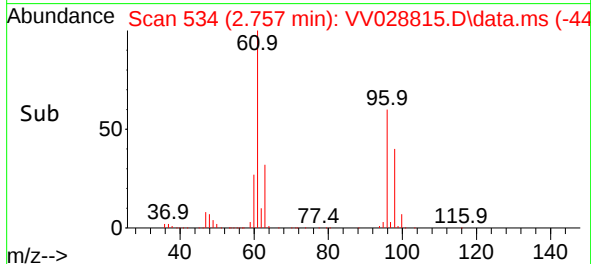
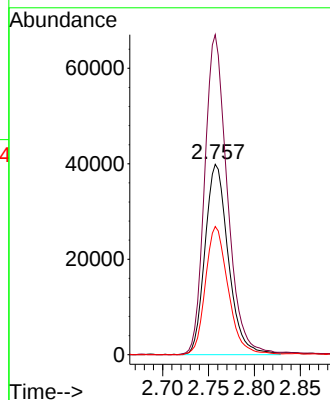
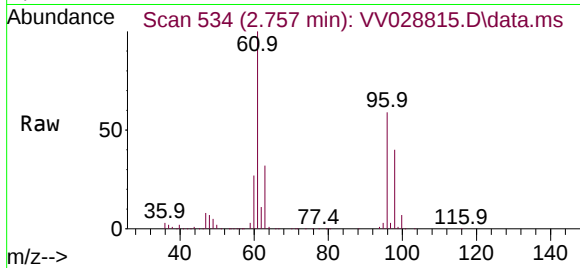




#17
trans-1,2-Dichloroethene
Concen: 27.843 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028815.D
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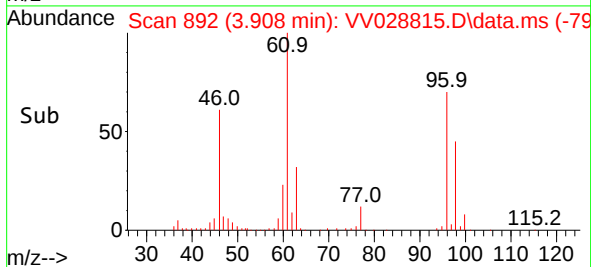
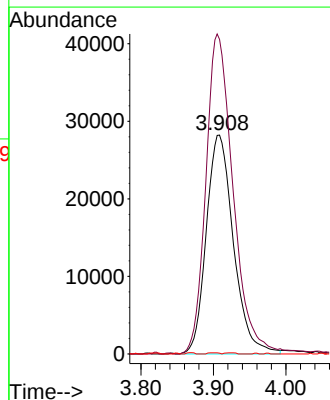
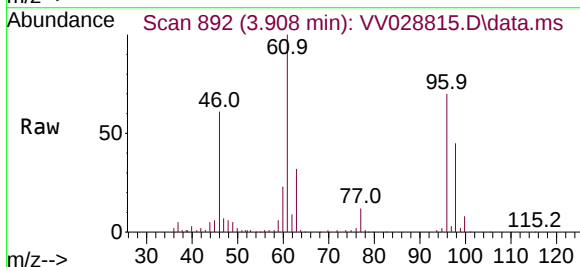
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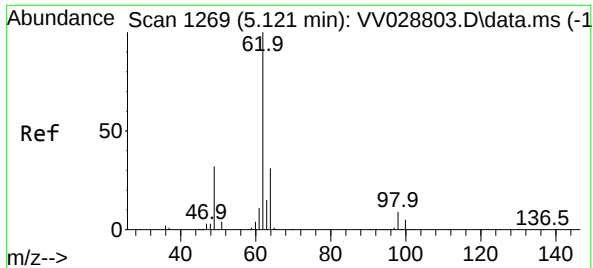
Tgt Ion: 96 Resp: 70781
Ion Ratio Lower Upper
96 100
61 168.1 109.4 203.2
98 67.3 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 26.245 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV028815.D
Acq: 01 Nov 2022 14:50

Tgt Ion: 96 Resp: 73615
Ion Ratio Lower Upper
96 100
61 143.8 102.3 190.1
68 0.4 0.1 0.3#





#27
 1,2-Dichloroethane
 Concen: 0.734 ug/L
 RT: 5.043 min Scan# 11
 Delta R.T. -0.077 min
 Lab File: VV028815.D
 Acq: 01 Nov 2022 14:50

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWU7

Tgt Ion: 62 Resp: 3086
 Ion Ratio Lower Upper
 62 100
 98 9.2 6.9 10.3

