

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092122\
 Data File : VV028055.D
 Acq On : 22 Sep 2022 10:35
 Operator : SY/MD
 Sample : N4659-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E65

Quant Time: Sep 22 12:56:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 05:25:17 2022
 Response via : Initial Calibration

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

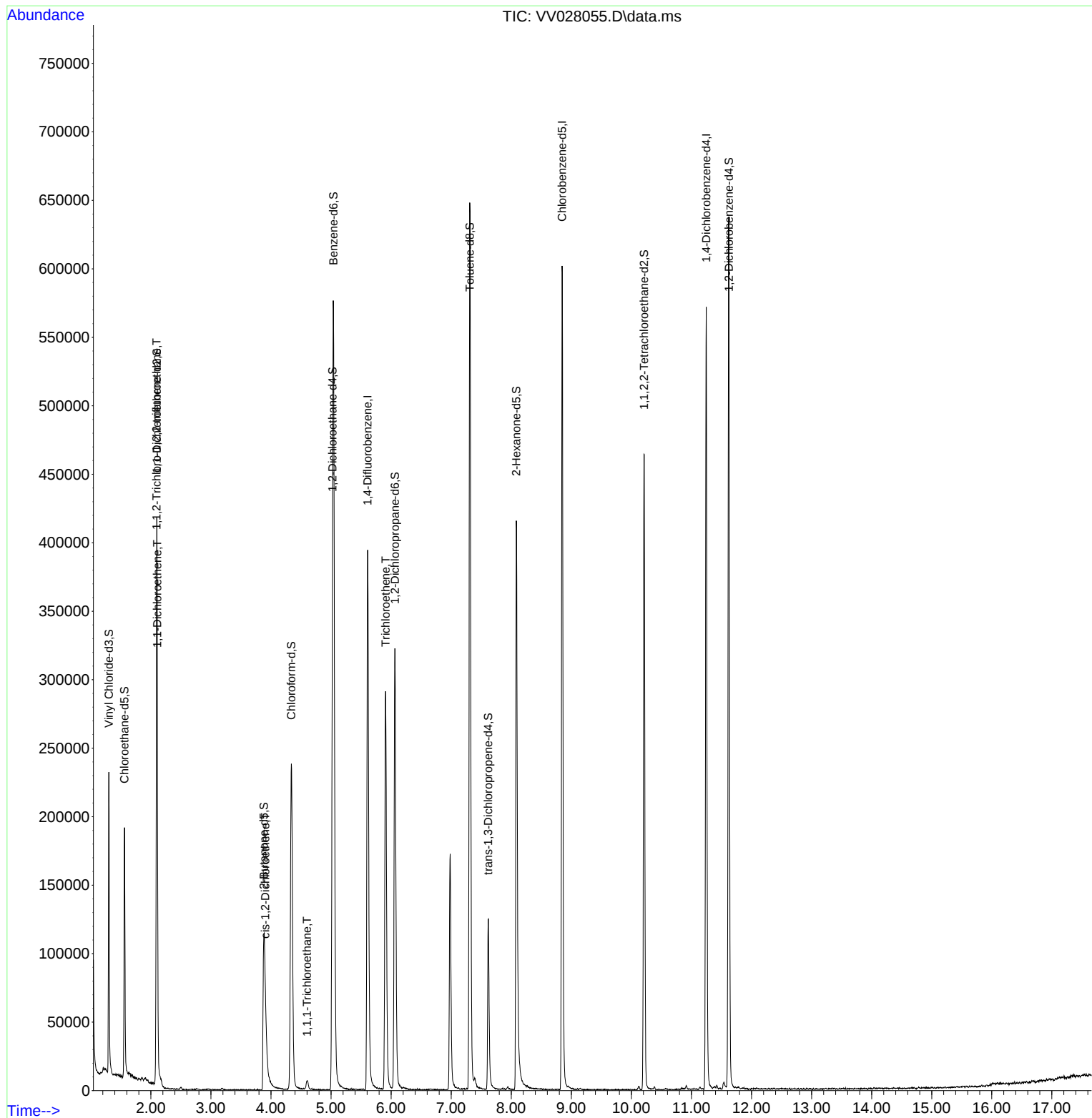
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	349421	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	337261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	156704	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	144687	47.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.340%
7) Chloroethane-d5	1.561	69	119114	48.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.220%
11) 1,1-Dichloroethene-d2	2.098	63	216291	39.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.600%
21) 2-Butanone-d5	3.883	46	203734	111.692	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.690%
24) Chloroform-d	4.339	84	253789	49.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	5.024	65	166519	49.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.780%
32) Benzene-d6	5.040	84	500979	51.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
36) 1,2-Dichloropropane-d6	6.063	67	156537	52.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.300%
41) Toluene-d8	7.310	98	438692	49.281	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	7.616	79	73295	48.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.660%
47) 2-Hexanone-d5	8.085	63	149734	101.824	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	219509	49.683	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.360%
66) 1,2-Dichlorobenzene-d4	11.622	152	166643	54.781	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.560%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.095	101	2198	0.867	ug/L #	21
12) 1,1-Dichloroethene	2.108	96	9771	3.854	ug/L #	1
20) cis-1,2-Dichloroethene	3.905	96	8097	3.009	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	5455	1.314	ug/L #	81
34) Trichloroethene	5.908	95	102851	41.249	ug/L	97

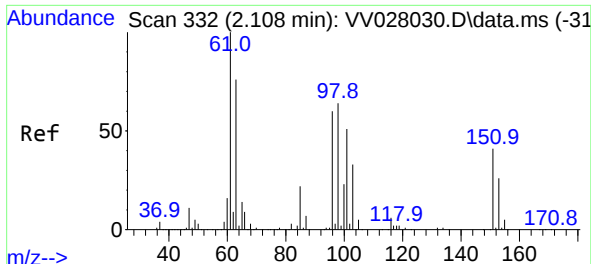
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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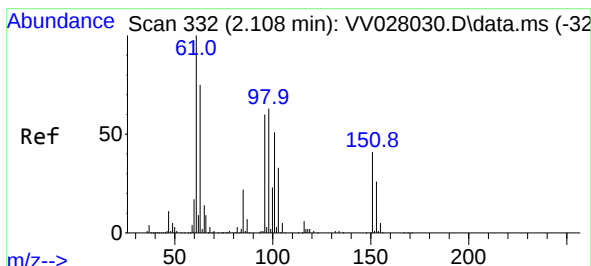
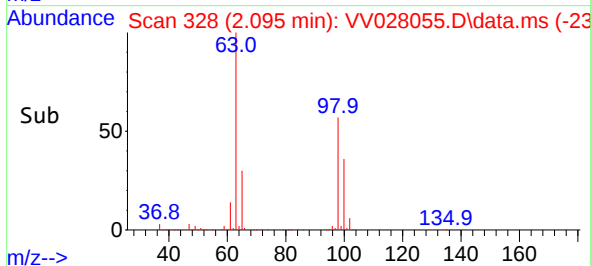
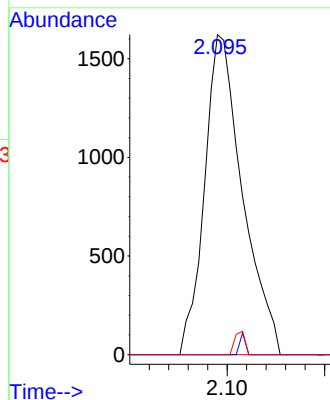
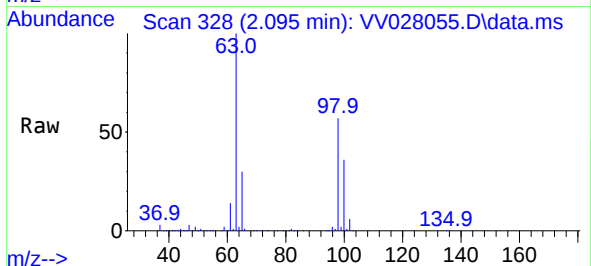




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.867 ug/L
RT: 2.095 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV028055.D
Acq: 22 Sep 2022 10:35

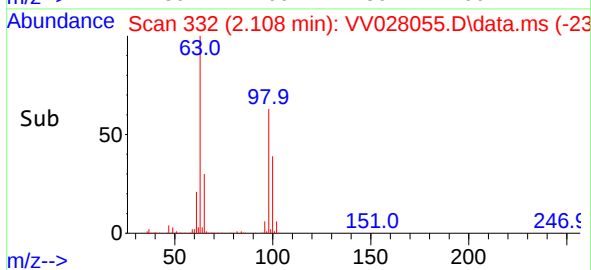
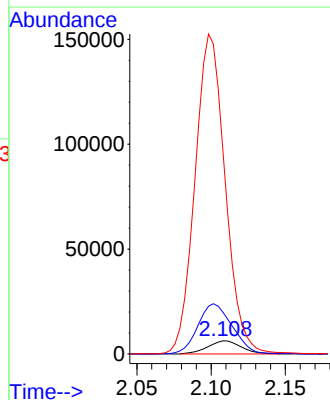
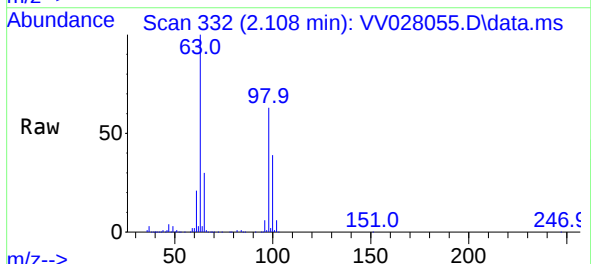
Instrument :
MSVOA_V
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C0E65

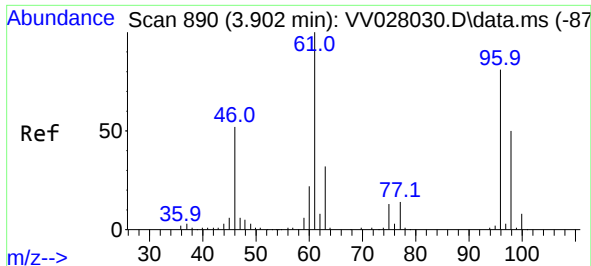
Tgt Ion:101 Resp: 2198
Ion Ratio Lower Upper
101 100
85 1.9 35.6 53.4#
151 2.0 62.2 93.4#



#12
1,1-Dichloroethene
Concen: 3.854 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.000 min
Lab File: VV028055.D
Acq: 22 Sep 2022 10:35

Tgt Ion: 96 Resp: 9771
Ion Ratio Lower Upper
96 100
61 317.5 123.7 229.7#
63 1544.1 108.6 201.6#

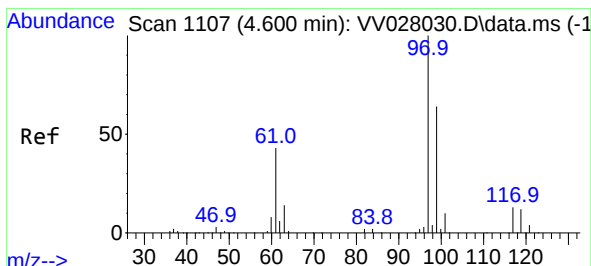
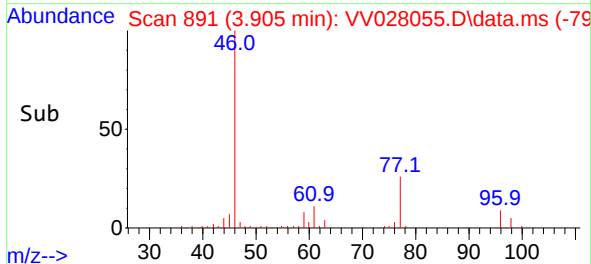
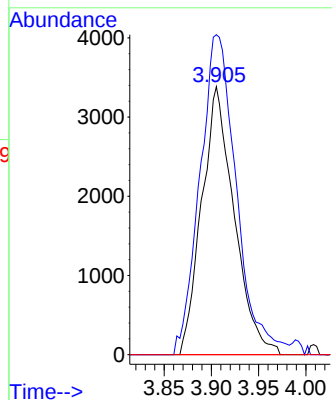
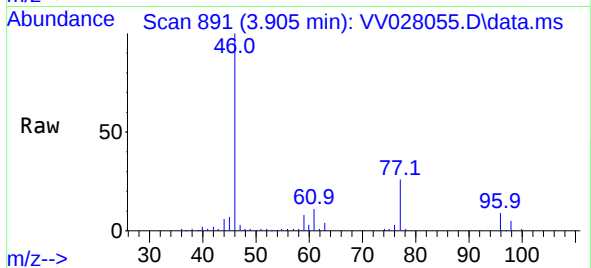




#20
 cis-1,2-Dichloroethene
 Concen: 3.009 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028055.D
 Acq: 22 Sep 2022 10:35

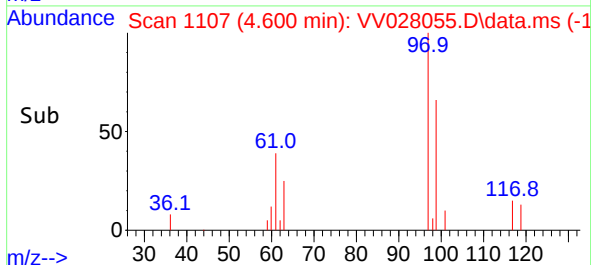
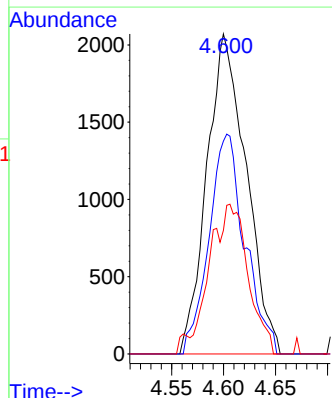
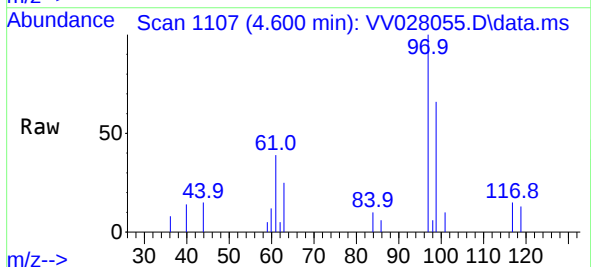
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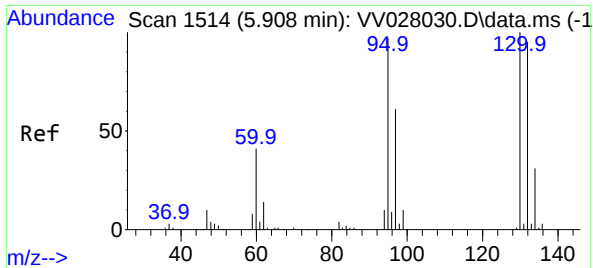
Tgt Ion: 96 Resp: 8097
 Ion Ratio Lower Upper
 96 100
 61 119.4 84.4 156.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.314 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: VV028055.D
 Acq: 22 Sep 2022 10:35

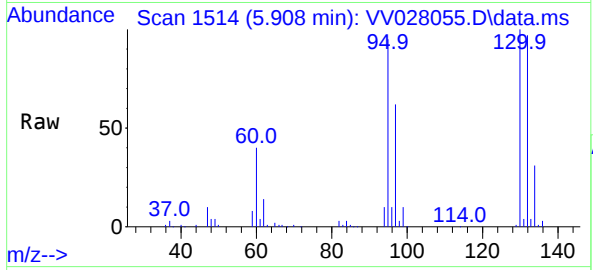
Tgt Ion: 97 Resp: 5455
 Ion Ratio Lower Upper
 97 100
 99 51.4 51.4 77.0
 61 29.8 35.2 52.8#





#34
 Trichloroethene
 Concen: 41.249 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV028055.D
 Acq: 22 Sep 2022 10:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E65



Tgt Ion: 95 Resp: 102851

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.4	84.2
132	103.1	69.2	128.6
130	105.8	71.1	132.1

