

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101022\
 Data File : VV028500.D
 Acq On : 10 Oct 2022 17:19
 Operator : SY/MD
 Sample : N5079-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ00

Quant Time: Oct 11 02:57:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 11 02:53:11 2022
 Response via : Initial Calibration

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

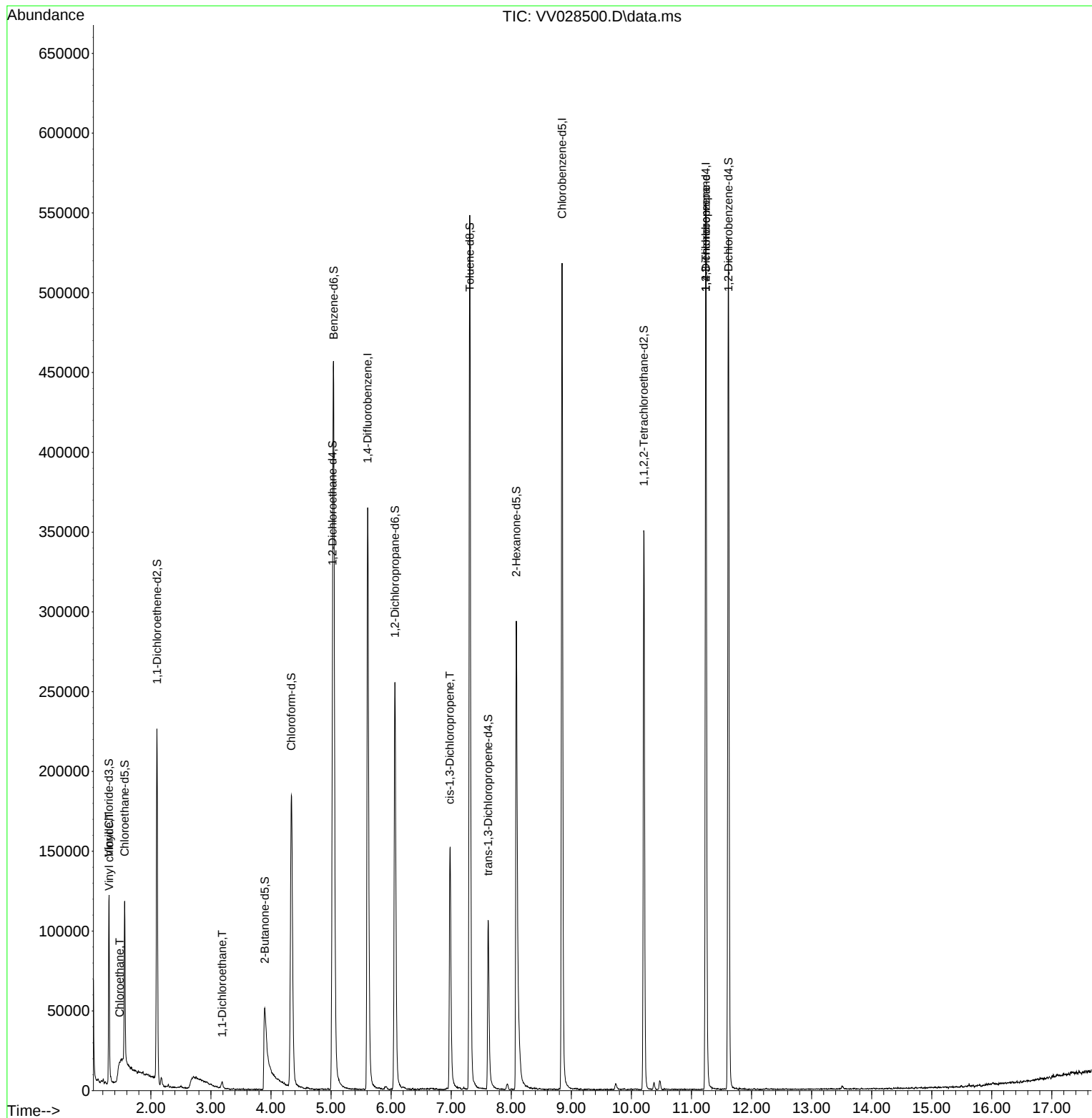
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	314162	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	283939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	143096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73480	30.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.620%
7) Chloroethane-d5	1.564	69	64167	33.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.760%#
11) 1,1-Dichloroethene-d2	2.101	63	112315	27.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.440%#
21) 2-Butanone-d5	3.895	46	114589	53.999	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	54.000%
24) Chloroform-d	4.339	84	191703	43.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.240%
26) 1,2-Dichloroethane-d4	5.024	65	129420	45.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
32) Benzene-d6	5.043	84	394866	43.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.063	67	121020	40.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.600%
41) Toluene-d8	7.310	98	362508	44.502	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.616	79	61093	40.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.820%
47) 2-Hexanone-d5	8.085	63	130140	80.647	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.650%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	167274	41.207	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.420%
66) 1,2-Dichlorobenzene-d4	11.615	152	132846	44.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	3030	1.134	ug/L #	1
8) Chloroethane	1.481	64	18481	11.392	ug/L #	54
19) 1,1-Dichloroethane	3.185	63	3955	0.903	ug/L	88
39) cis-1,3-Dichloropropene	6.979	75	4160	1.044	ug/L #	71
61) 1,2,3-Trichloropropane	11.239	75	16811	5.518	ug/L #	66

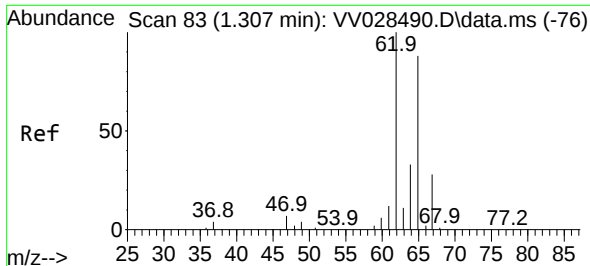
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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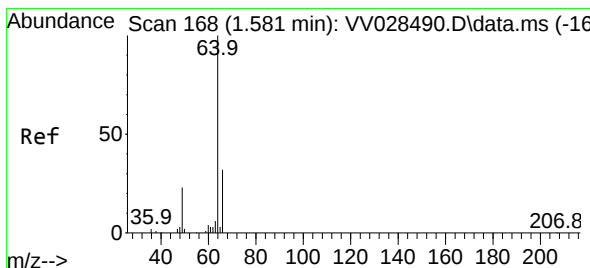
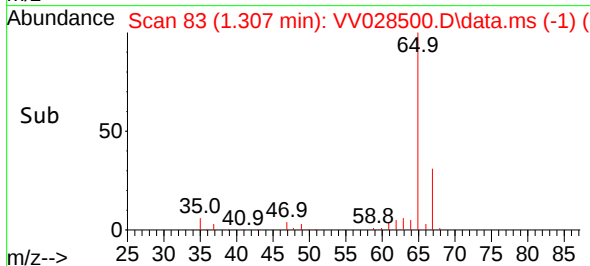
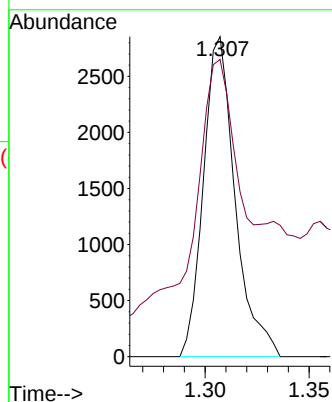
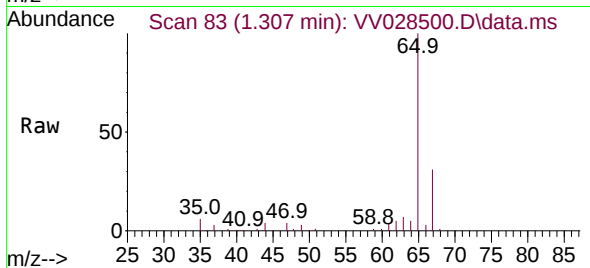




#5
 Vinyl chloride
 Concen: 1.134 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028500.D
 Acq: 10 Oct 2022 17:19

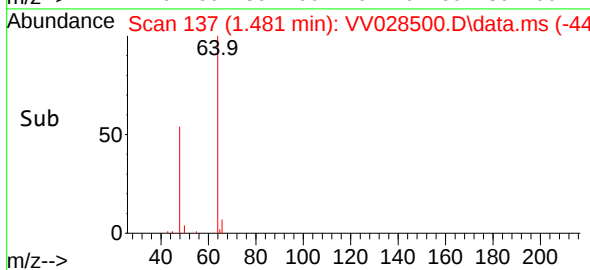
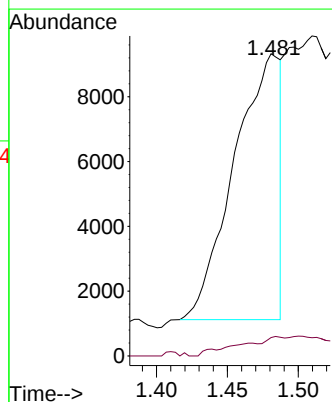
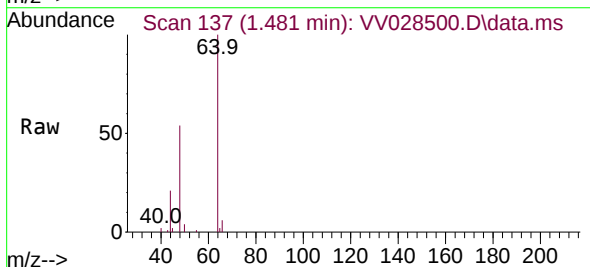
Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ00

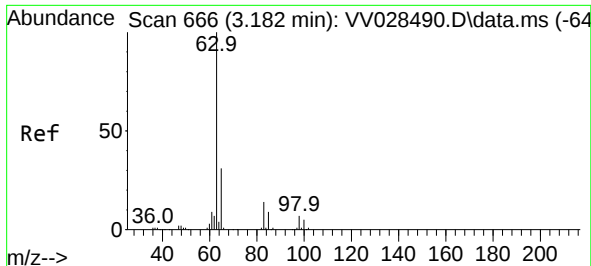
Tgt Ion: 62 Resp: 3030
 Ion Ratio Lower Upper
 62 100
 64 92.9 23.3 43.3#



#8
 Chloroethane
 Concen: 11.392 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.100 min
 Lab File: VV028500.D
 Acq: 10 Oct 2022 17:19

Tgt Ion: 64 Resp: 18481
 Ion Ratio Lower Upper
 64 100
 66 6.1 22.2 41.2#





#19

1,1-Dichloroethane

Concen: 0.903 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028500.D

Acq: 10 Oct 2022 17:19

Instrument :

MSVOA_V

ClientSampleId :

BFZ00

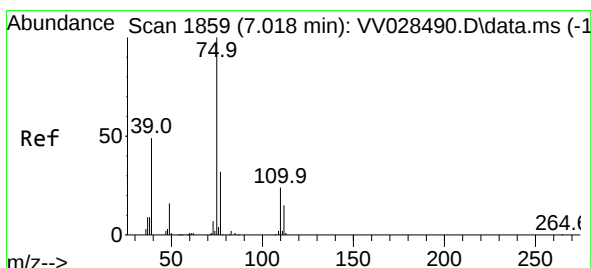
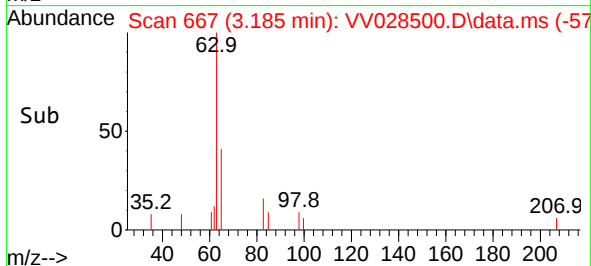
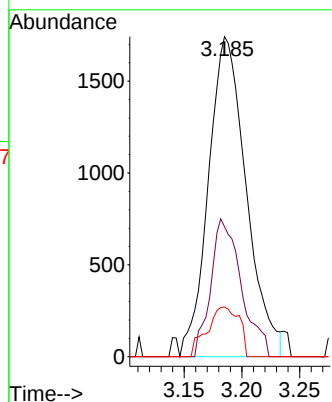
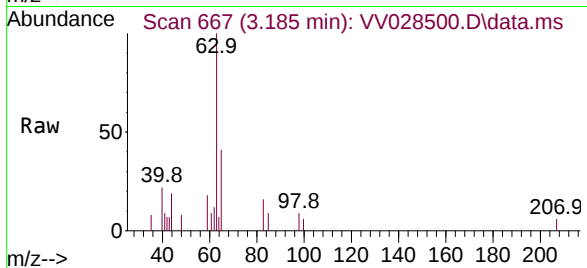
Tgt Ion: 63 Resp: 3955

Ion Ratio Lower Upper

63 100

65 40.6 22.6 42.0

83 15.6 9.2 17.0



#39

cis-1,3-Dichloropropene

Concen: 1.044 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV028500.D

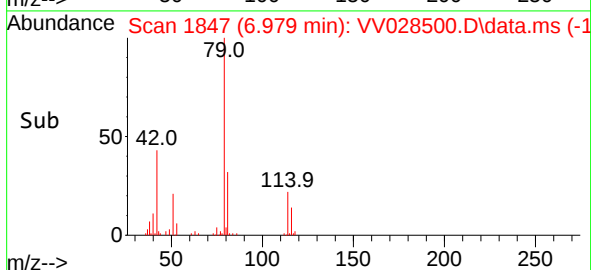
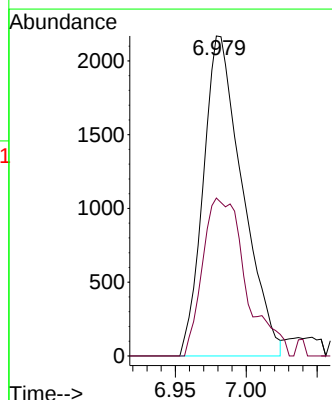
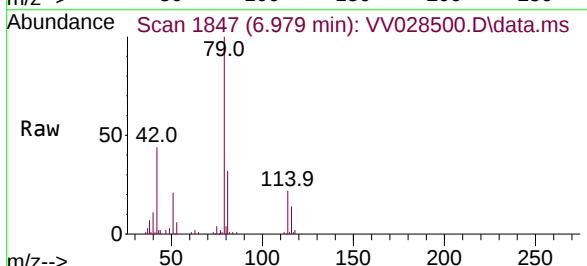
Acq: 10 Oct 2022 17:19

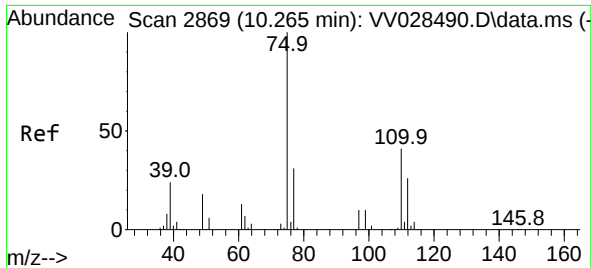
Tgt Ion: 75 Resp: 4160

Ion Ratio Lower Upper

75 100

77 49.4 23.2 43.0#





#61
 1,2,3-Trichloropropane
 Concen: 5.518 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028500.D
 Acq: 10 Oct 2022 17:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ00

Tgt Ion: 75 Resp: 16811
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.7 38.5
 110 1.2 30.0 45.0#

