

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101022\
 Data File : VV028499.D
 Acq On : 10 Oct 2022 16:55
 Operator : SY/MD
 Sample : N5079-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFYZ9

Quant Time: Oct 11 02:57:00 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)

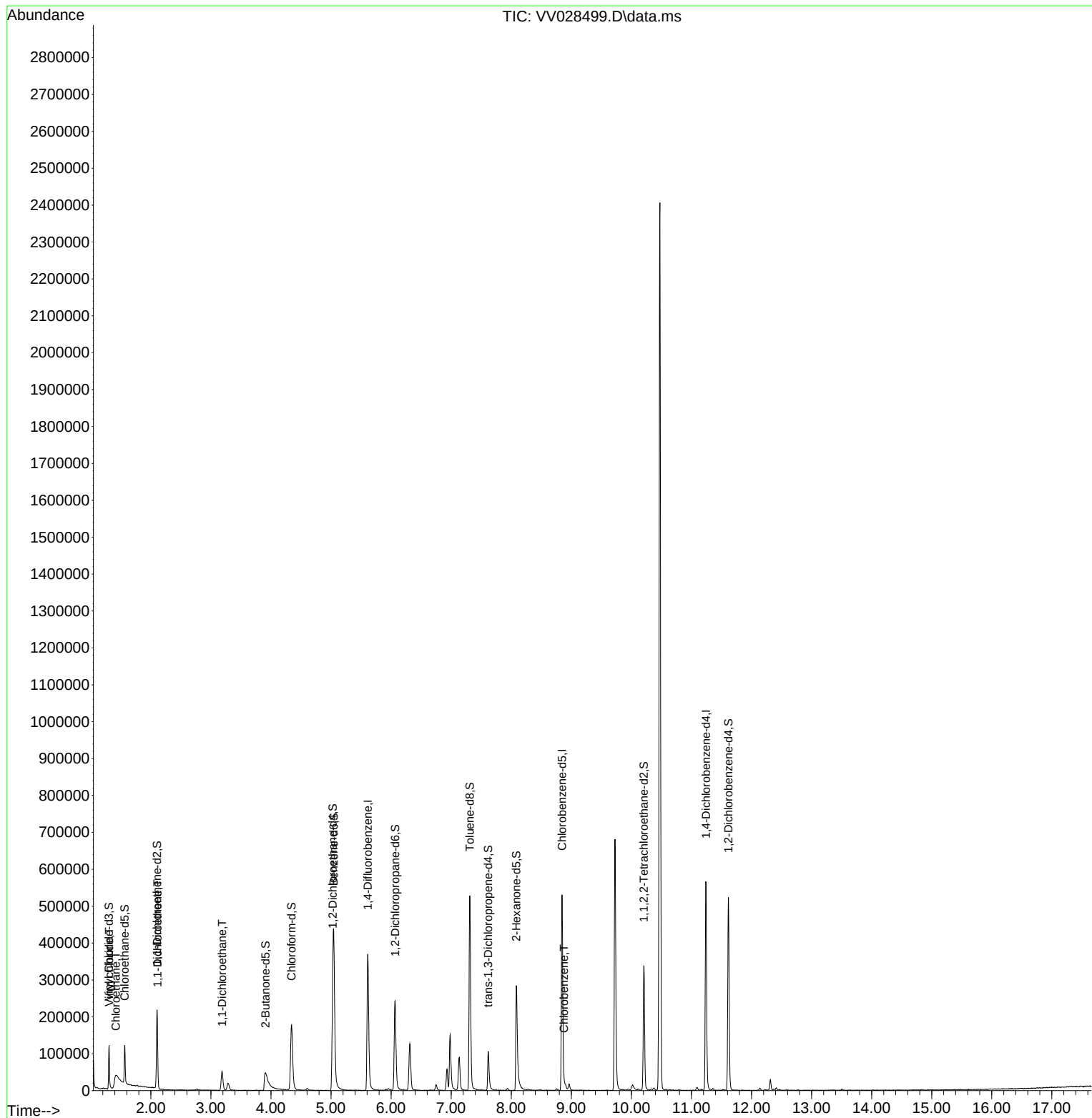
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	321011	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	292278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	144966	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73873	29.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.640%#		
7) Chloroethane-d5	1.564	69	63609	32.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.780%#		
11) 1,1-Dichloroethene-d2	2.101	63	111311	26.405	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.800%#		
21) 2-Butanone-d5	3.908	46	117132	54.020	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	54.020%		
24) Chloroform-d	4.342	84	185675	40.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.740%		
26) 1,2-Dichloroethane-d4	5.027	65	126861	43.301	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.600%		
32) Benzene-d6	5.043	84	382053	40.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.580%		
36) 1,2-Dichloropropane-d6	6.066	67	117573	38.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.000%		
41) Toluene-d8	7.310	98	347999	41.502	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.000%		
43) trans-1,3-Dichloroprop...	7.616	79	63314	40.679	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.360%		
47) 2-Hexanone-d5	8.085	63	113887	68.562	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.560%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	159800	38.243	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	76.480%		
66) 1,2-Dichlorobenzene-d4	11.615	152	130888	43.574	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.140%		
Target Compounds						
5) Vinyl chloride	1.307	62	1960	0.718	ug/L #	1
8) Chloroethane	1.416	64	39855	24.044	ug/L #	53
12) 1,1-Dichloroethene	2.111	96	2302	1.226	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	52134	11.653	ug/L	97
51) Chlorobenzene	8.879	112	6535	1.051	ug/L	100

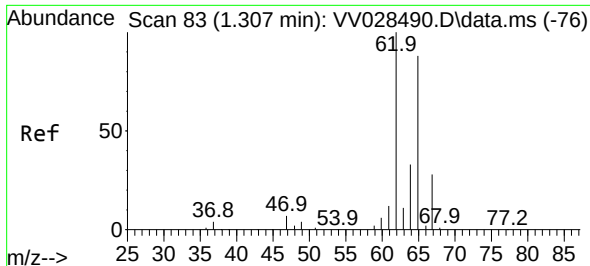
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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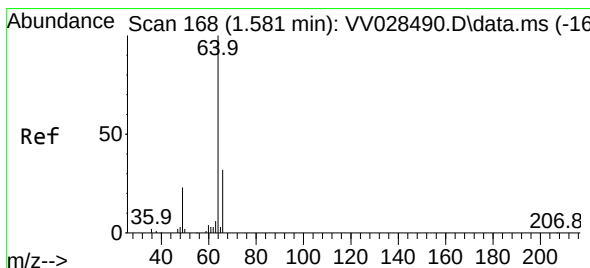
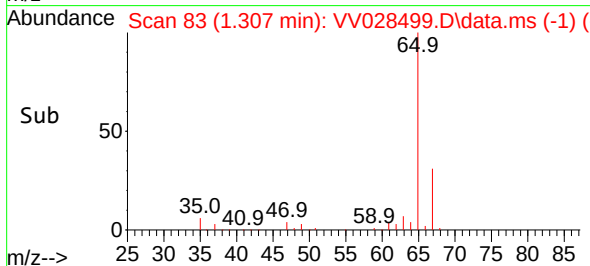
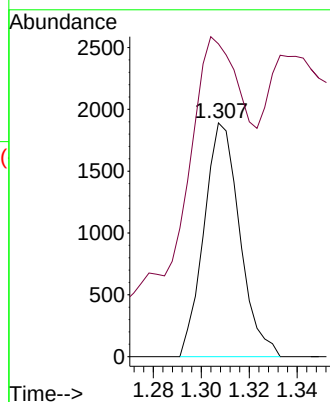
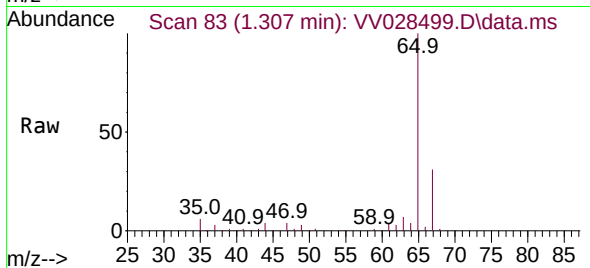




#5
 Vinyl chloride
 Concen: 0.718 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028499.D
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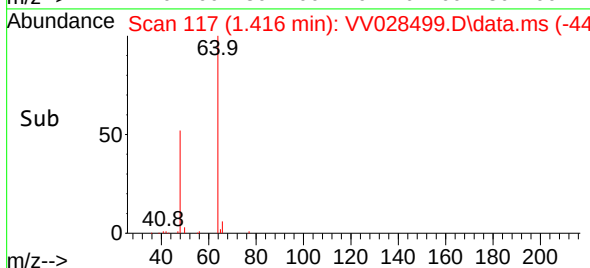
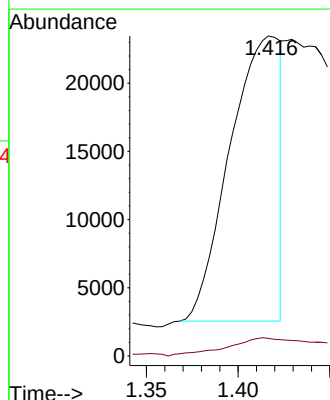
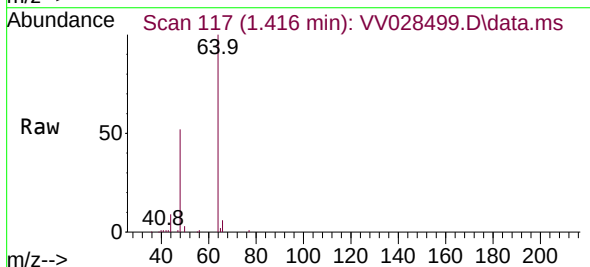
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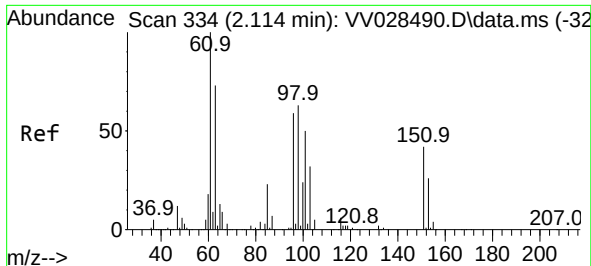
Tgt Ion: 62 Resp: 1960
 Ion Ratio Lower Upper
 62 100
 64 133.8 23.3 43.3#



#8
 Chloroethane
 Concen: 24.044 ug/L
 RT: 1.416 min Scan# 117
 Delta R.T. -0.164 min
 Lab File: VV028499.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 64 Resp: 39855
 Ion Ratio Lower Upper
 64 100
 66 5.5 22.2 41.2#

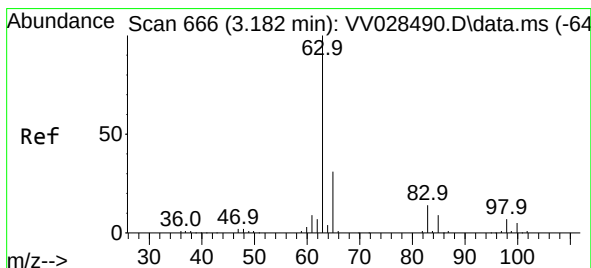
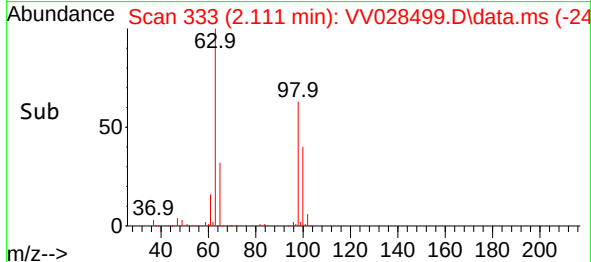
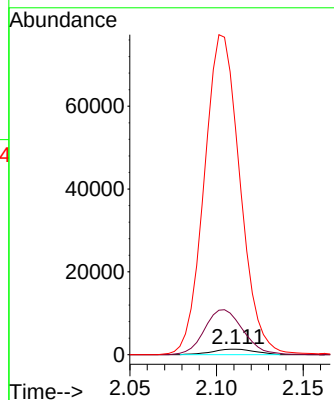
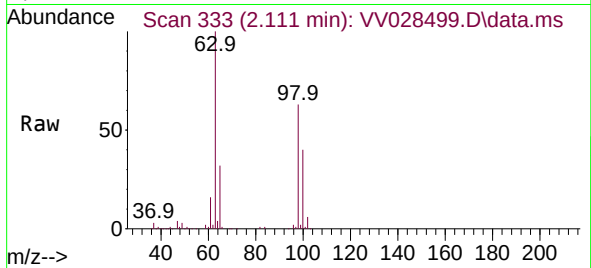




#12
1,1-Dichloroethene
Concen: 1.226 ug/L
RT: 2.111 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028499.D
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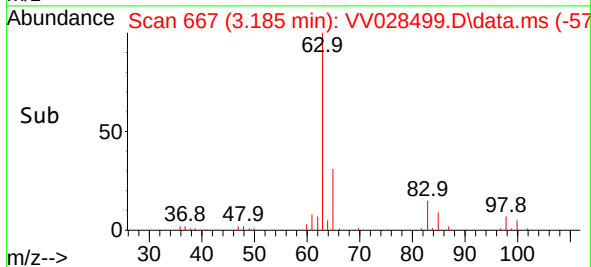
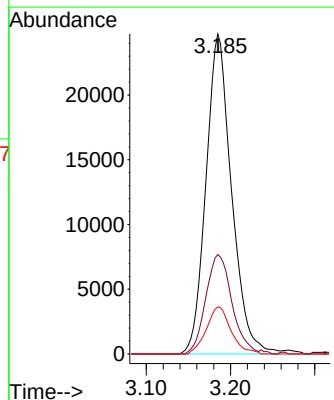
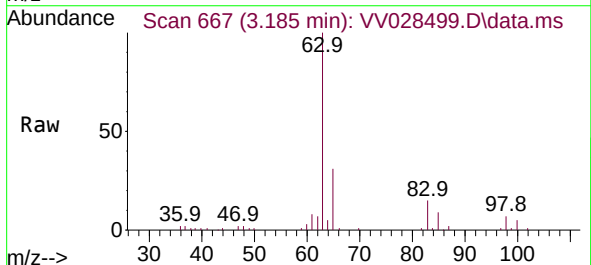
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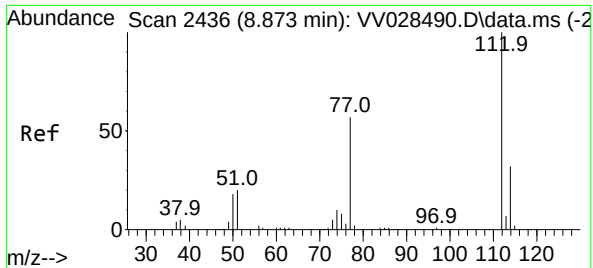
Tgt Ion: 96 Resp: 2302
Ion Ratio Lower Upper
96 100
61 637.5 125.6 233.2#
63 4099.7 100.0 185.6#



#19
1,1-Dichloroethane
Concen: 11.653 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028499.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 63 Resp: 52134
Ion Ratio Lower Upper
63 100
65 31.1 22.6 42.0
83 14.7 9.2 17.0





#51
 Chlorobenzene
 Concen: 1.051 ug/L
 RT: 8.879 min Scan# 2436
 Delta R.T. 0.006 min
 Lab File: VV028499.D
 Acq: 10 Oct 2022 16:55

Instrument :
 MSVOA_V
 ClientSampleId :
 BFYZ9

Tgt Ion:112	Resp:	6535
Ion	Ratio	Lower Upper
112	100	
114	30.7	21.7 40.3
77	61.2	48.7 73.1

