

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040521\
 Data File : VV020925.D
 Acq On : 05 Apr 2021 19:19
 Operator : SY/MD
 Sample : M1845-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1D0

Quant Time: Apr 06 06:26:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

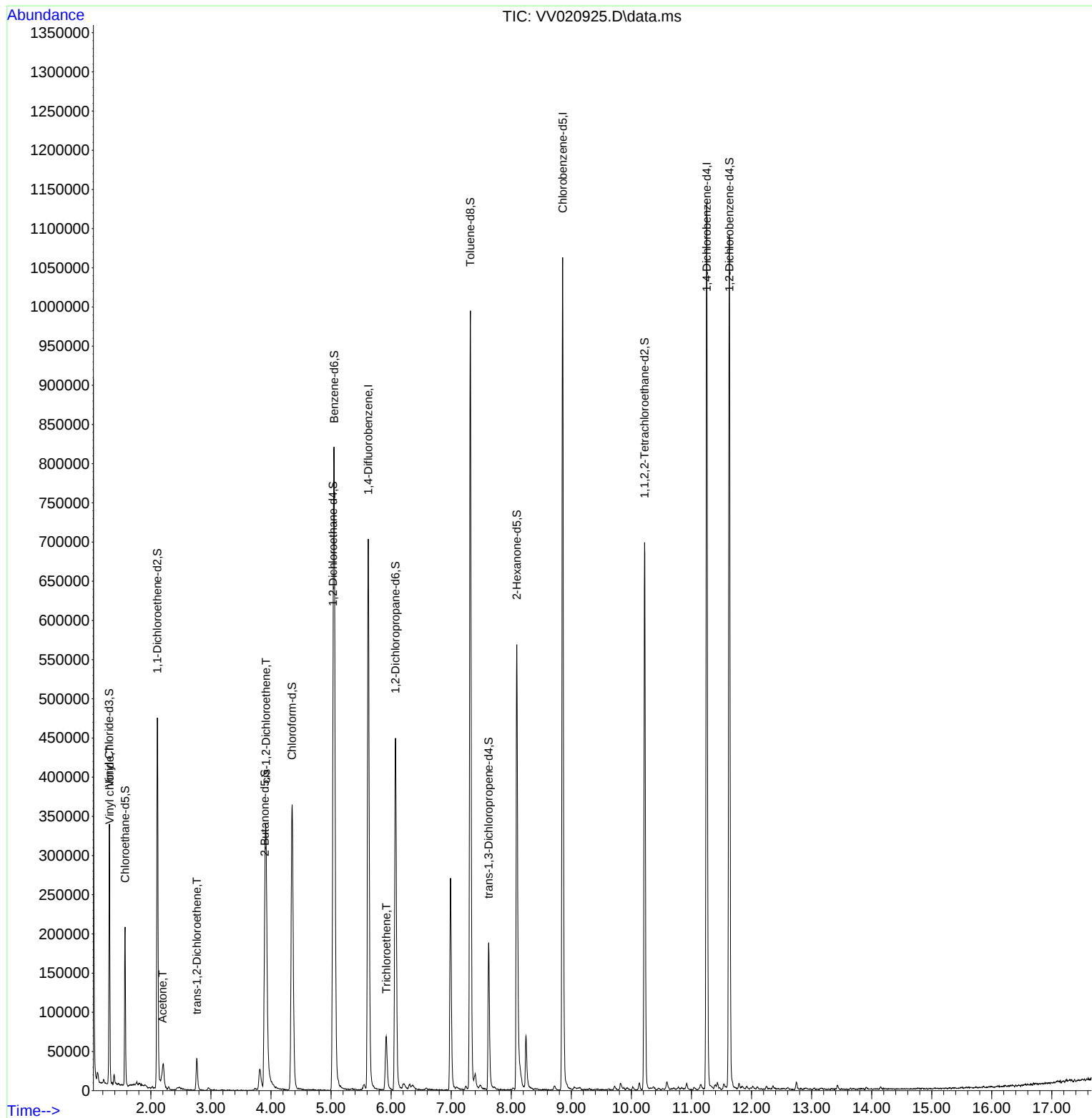
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	618074	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	596429	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	309995	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151029	34.42	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.84%	
7) Chloroethane-d5	1.571	69	122399	36.90	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	73.80%	
11) 1,1-Dichloroethene-d2	2.108	63	236666	28.59	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	57.18%#	
21) 2-Butanone-d5	3.896	46	259765	90.99	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	90.99%	
24) Chloroform-d	4.352	84	381841	43.78	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.56%	
26) 1,2-Dichloroethane-d4	5.034	65	259377	45.15	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.30%	
32) Benzene-d6	5.053	84	697149	43.85	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.70%	
36) 1,2-Dichloropropane-d6	6.072	67	206051	42.22	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	84.44%	
41) Toluene-d8	7.320	98	658800	44.52	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.04%	
43) trans-1,3-Dichloroprop...	7.625	79	113247	43.61	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.22%	
47) 2-Hexanone-d5	8.092	63	197944	96.73	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.73%	
57) 1,1,2,2-Tetrachloroeth...	10.220	84	299177	42.08	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.16%	
64) 1,2-Dichlorobenzene-d4	11.632	152	292762	48.66	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.32%	
Target Compounds						
5) Vinyl chloride	1.314	62	54469	11.53	ug/L	93
13) Acetone	2.195	43	40423	19.86	ug/L	79
17) trans-1,2-Dichloroethene	2.767	96	15627	3.78	ug/L	83
20) cis-1,2-Dichloroethene	3.915	96	142010	32.09	ug/L	93
34) Trichloroethene	5.921	95	20800	4.61	ug/L	93

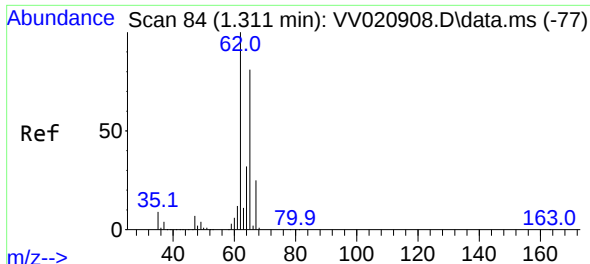
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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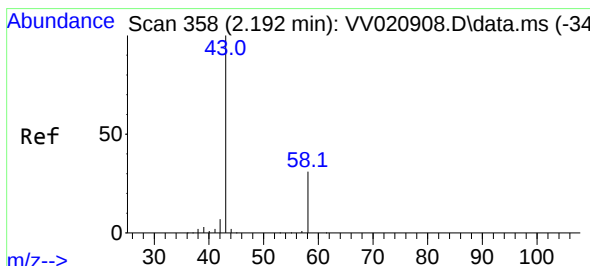
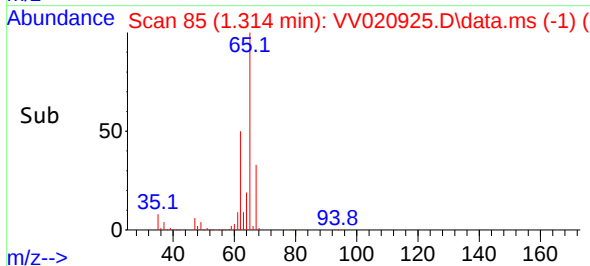
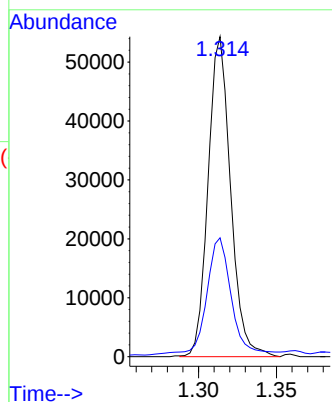
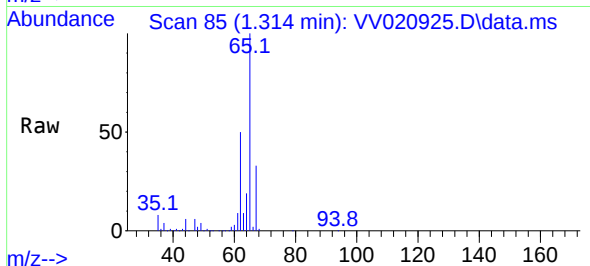




#5
 Vinyl chloride
 Concen: 11.53 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020925.D
 Acq: 05 Apr 2021 19:19

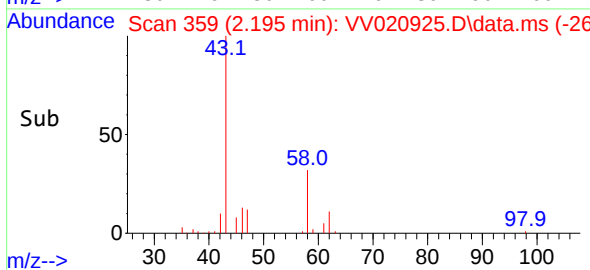
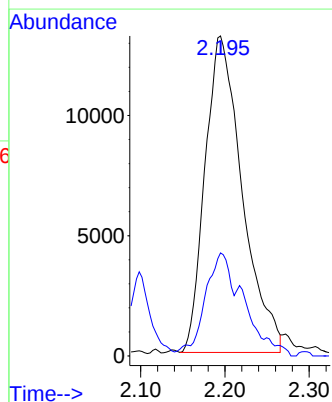
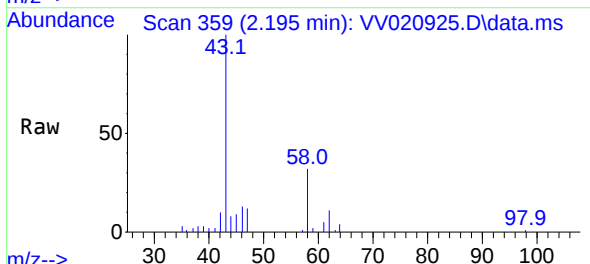
Instrument :
 MSVOA_V
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 EW1D0

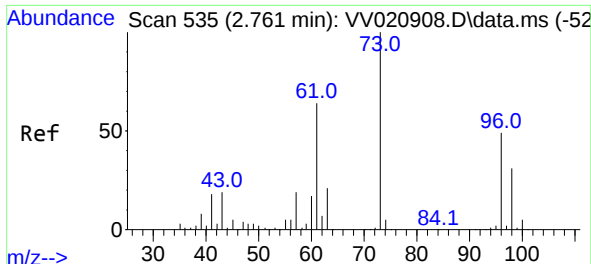
Tgt Ion: 62 Resp: 54469
 Ion Ratio Lower Upper
 62 100
 64 37.1 23.3 43.3



#13
 Acetone
 Concen: 19.86 ug/L
 RT: 2.195 min Scan# 359
 Delta R.T. 0.003 min
 Lab File: VV020925.D
 Acq: 05 Apr 2021 19:19

Tgt Ion: 43 Resp: 40423
 Ion Ratio Lower Upper
 43 100
 58 18.7 0.0 60.8

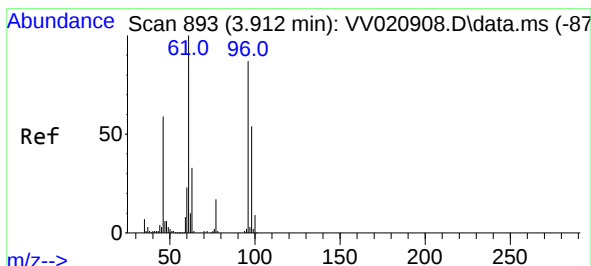
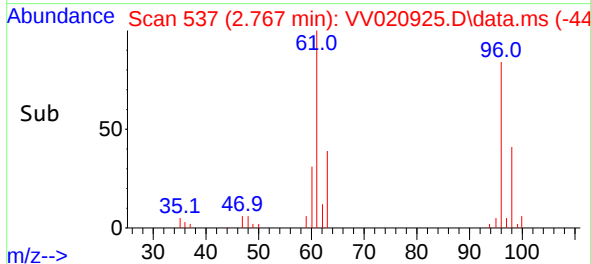
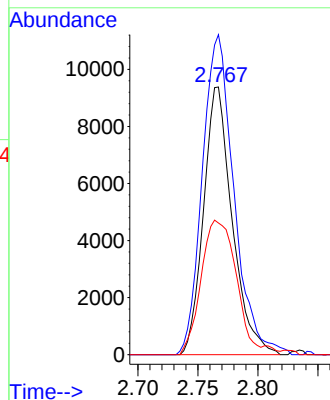
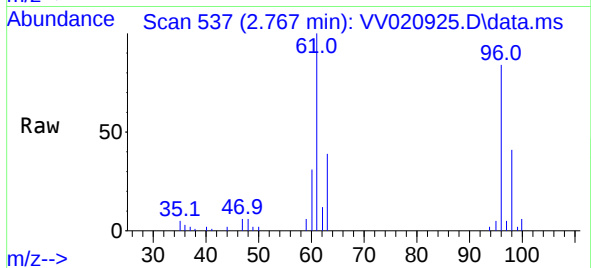




#17
trans-1,2-Dichloroethene
Concen: 3.78 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV020925.D
Acq: 05 Apr 2021 19:19

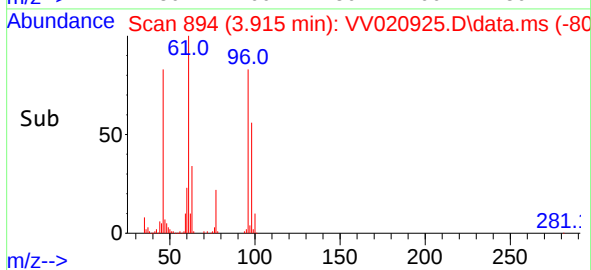
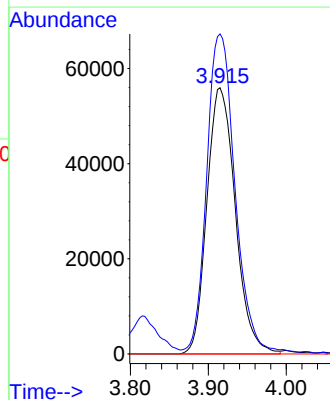
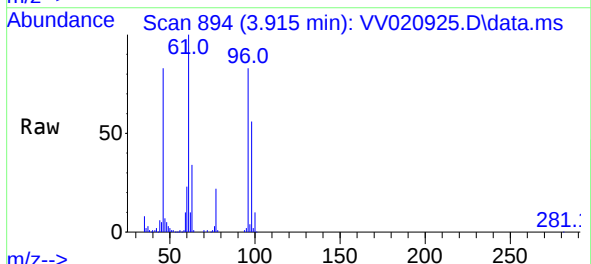
Instrument :
MSVOA_V
ClientSampleId :
EW1D0

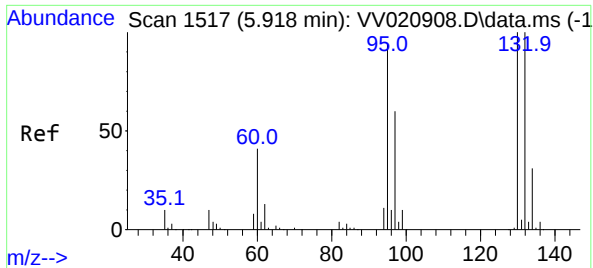
Tgt Ion: 96 Resp: 15627
Ion Ratio Lower Upper
96 100
61 119.5 97.9 181.9
98 49.2 43.9 81.5



#20
cis-1,2-Dichloroethene
Concen: 32.09 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020925.D
Acq: 05 Apr 2021 19:19

Tgt Ion: 96 Resp: 142010
Ion Ratio Lower Upper
96 100
61 120.2 89.9 167.0
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 4.61 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.003 min
 Lab File: VV020925.D
 Acq: 05 Apr 2021 19:19

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1D0

Tgt Ion: 95 Resp: 20800

Ion	Ratio	Lower	Upper
95	100		
97	53.0	43.5	80.9
132	89.8	69.5	129.1
130	101.5	70.7	131.3

