

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052323\
 Data File : VV031195.D
 Acq On : 23 May 2023 17:14
 Operator : SY/MD
 Sample : 02865-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX58

Quant Time: May 24 01:36:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 24 01:27:41 2023
 Response via : Initial Calibration

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

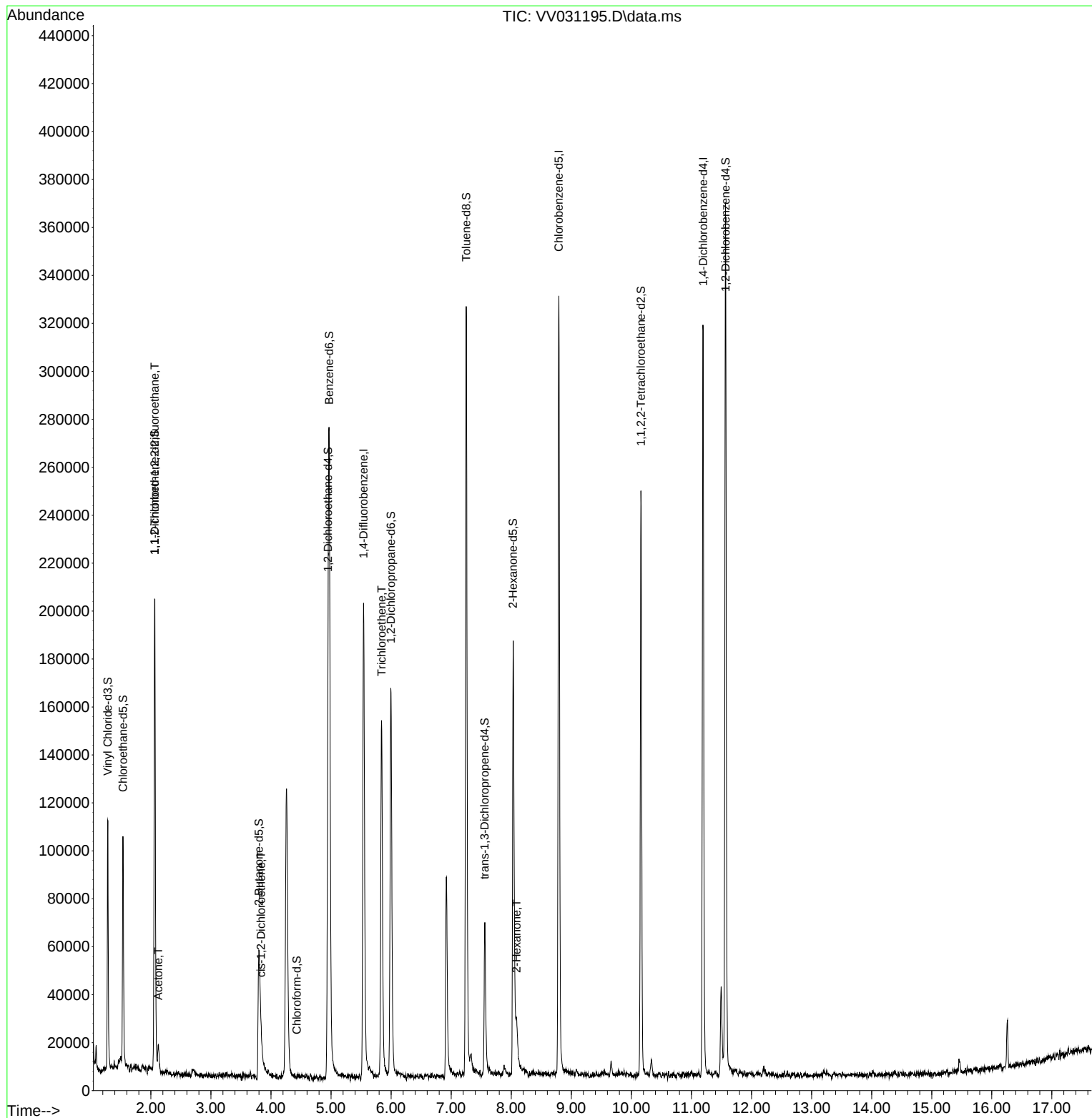
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	163508	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	169758	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	81704	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	67053	47.985	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.980%			
7) Chloroethane-d5	1.536	69	60010	55.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.500%			
11) 1,1-Dichloroethene-d2	2.063	65	33319	50.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.700%			
21) 2-Butanone-d5	3.799	46	83479	112.115	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.110%			
24) Chloroform-d	4.429	84	96	0.039	ug/L	0.17
Spiked Amount 50.000	Range 70 - 125		Recovery = 0.080%#			
26) 1,2-Dichloroethane-d4	4.950	65	90923	54.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.860%			
32) Benzene-d6	4.970	84	219864	47.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.560%			
36) 1,2-Dichloropropane-d6	5.995	67	63121	45.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.680%			
41) Toluene-d8	7.249	98	205742	47.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	7.558	79	32900	47.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.240%			
47) 2-Hexanone-d5	8.031	63	58269	108.534	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.530%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	98300	47.597	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.200%			
66) 1,2-Dichlorobenzene-d4	11.567	152	87874	59.851	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.700%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1106	1.033	ug/L #	22
13) Acetone	2.124	43	10046	10.378	ug/L	99
20) cis-1,2-Dichloroethene	3.835	96	4270	4.125	ug/L	88
34) Trichloroethene	5.841	95	47837	43.898	ug/L	96
48) 2-Hexanone	8.088	43	11938	8.321	ug/L #	94

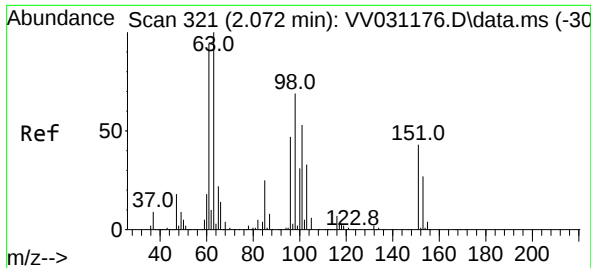
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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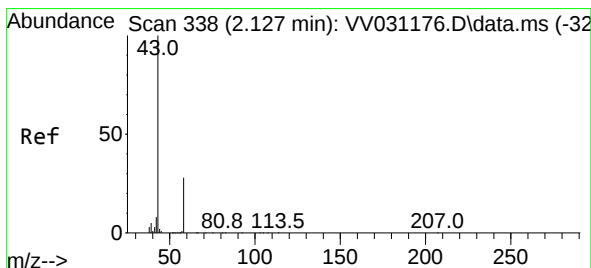
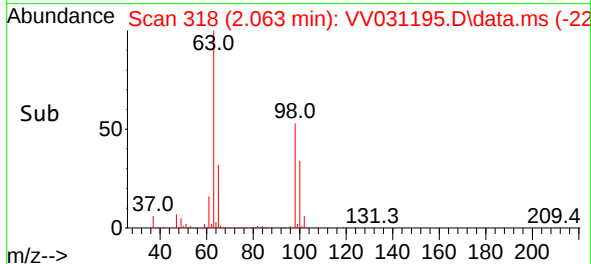
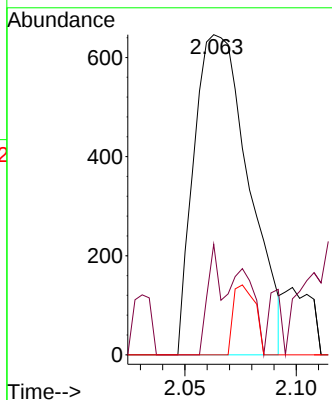
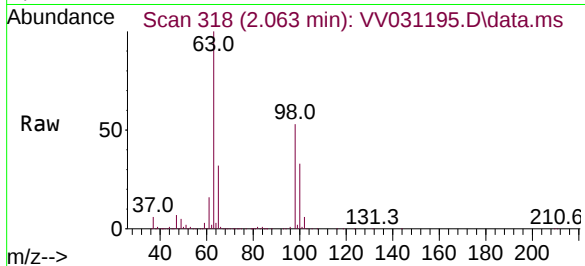




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.033 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.009 min
 Lab File: VV031195.D
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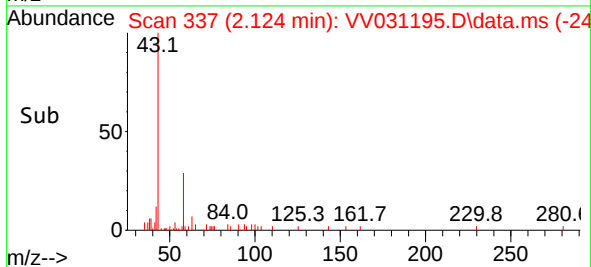
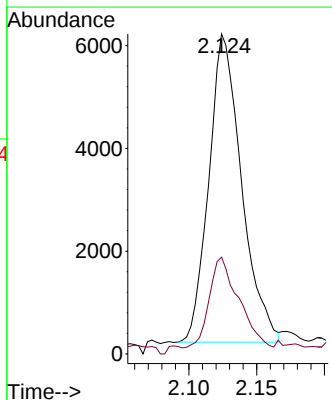
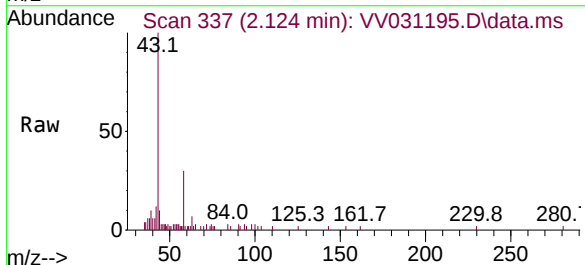
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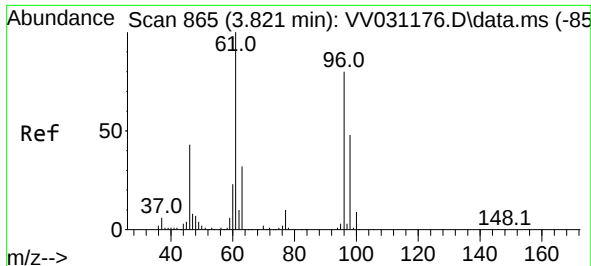
Tgt Ion:101 Resp: 1106
 Ion Ratio Lower Upper
 101 100
 85 7.8 38.0 57.0#
 151 0.0 61.7 92.5#



#13
 Acetone
 Concen: 10.378 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.003 min
 Lab File: VV031195.D
 Acq: 23 May 2023 17:14

Tgt Ion: 43 Resp: 10046
 Ion Ratio Lower Upper
 43 100
 58 26.6 0.0 54.0

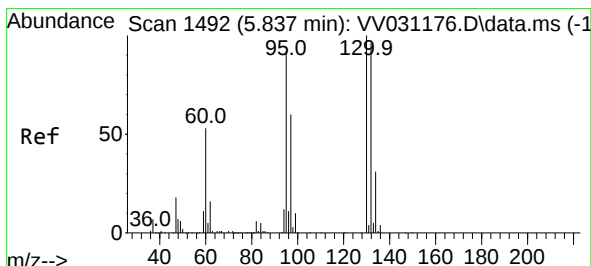
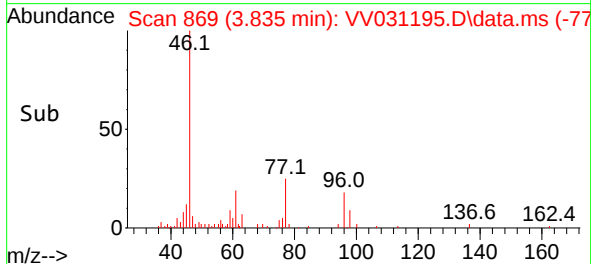
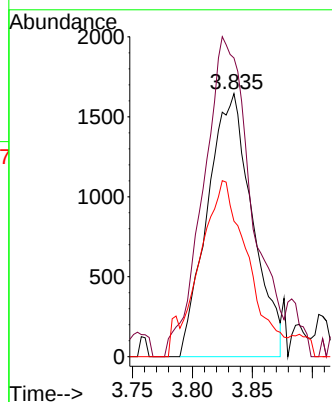
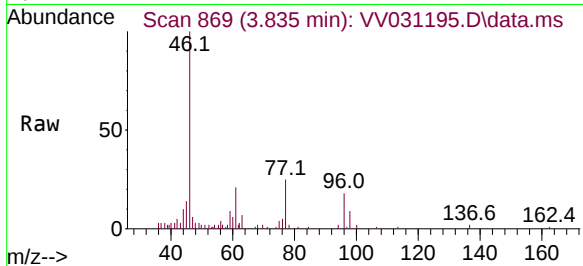




#20
cis-1,2-Dichloroethene
Concen: 4.125 ug/L
RT: 3.835 min Scan# 869
Delta R.T. 0.013 min
Lab File: VV031195.D
Acq: 23 May 2023 17:14

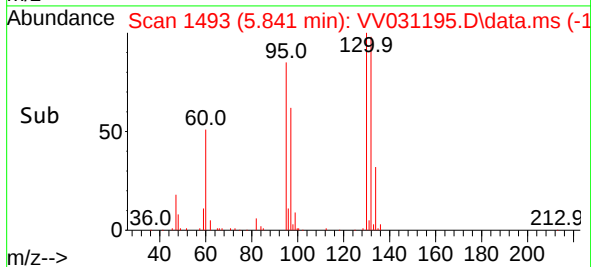
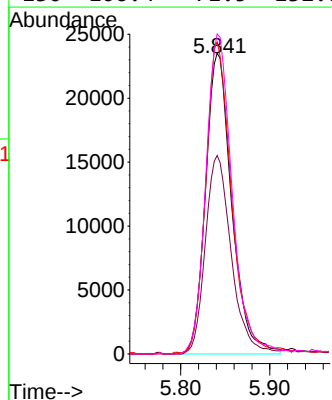
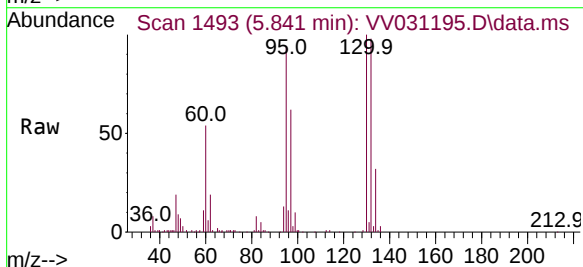
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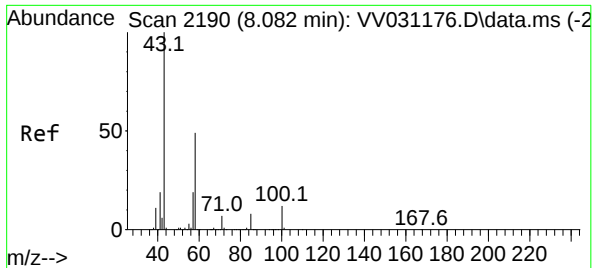
Tgt Ion: 96 Resp: 4270
Ion Ratio Lower Upper
96 100
61 113.6 89.2 165.6
98 51.5 43.0 80.0



#34
Trichloroethene
Concen: 43.898 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031195.D
Acq: 23 May 2023 17:14

Tgt Ion: 95 Resp: 47837
Ion Ratio Lower Upper
95 100
97 66.0 44.4 82.5
132 103.7 70.2 130.4
130 106.4 71.5 132.7





#48
 2-Hexanone
 Concen: 8.321 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV031195.D
 Acq: 23 May 2023 17:14

Instrument :
 MSVOA_V
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 GBX58

Tgt Ion: 43	Resp: 11938
Ion Ratio	Lower Upper
43 100	
58 48.2	39.8 59.6
57 14.3	14.4 21.6#
100 4.4	9.1 13.7#

