

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV021993.D
 Acq On : 30 Aug 2021 10:37
 Operator : SY/MD
 Sample : M3552-04 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:36:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 02:34:28 2021
 Response via : Initial Calibration

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

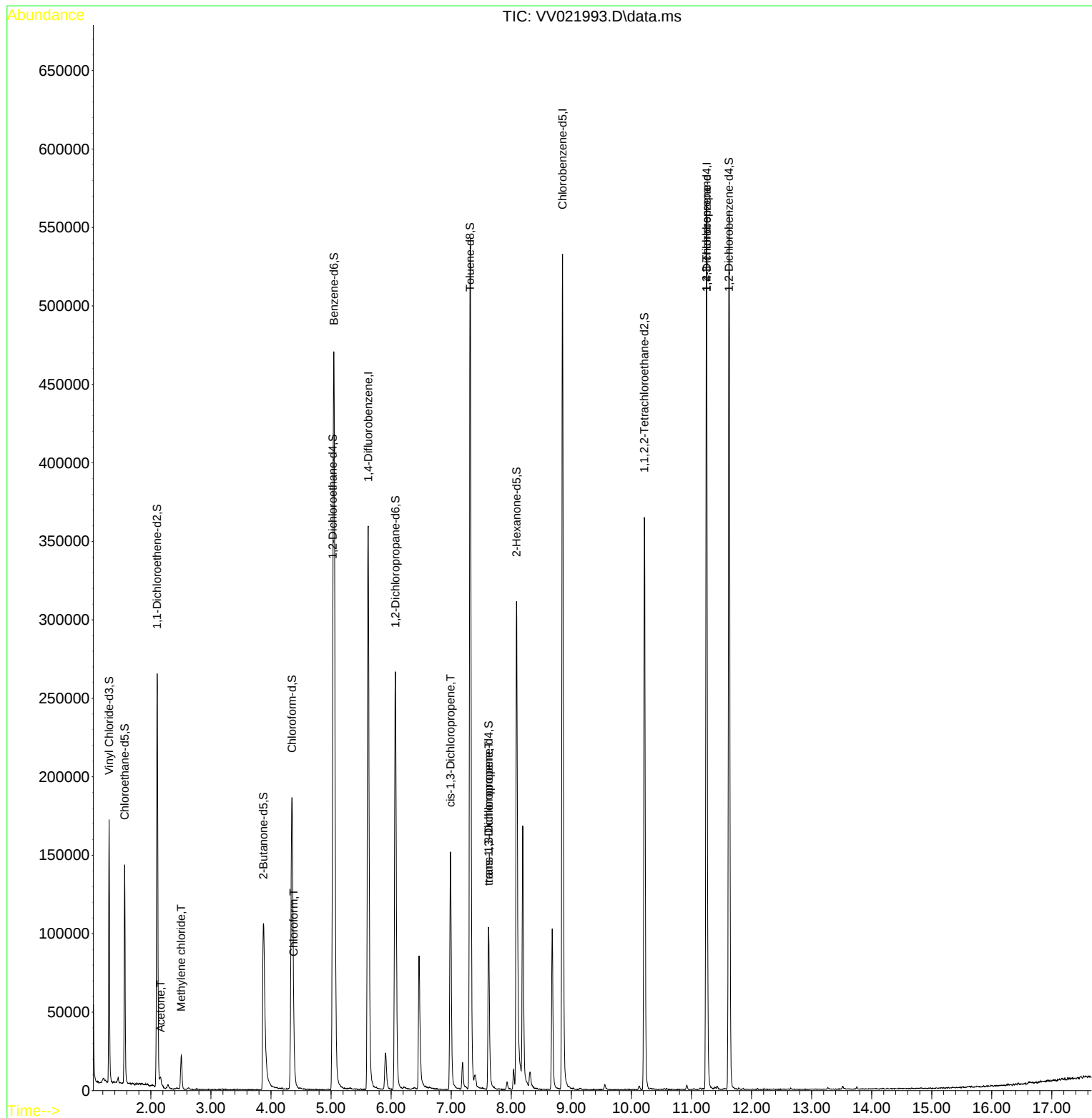
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	329666	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	310925	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	156232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106457	46.631	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.260%	
7) Chloroethane-d5	1.565	69	89548	50.228	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.460%	
11) 1,1-Dichloroethene-d2	2.105	63	134300	35.570	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.140%	
21) 2-Butanone-d5	3.873	46	170812	109.096	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.100%	
24) Chloroform-d	4.349	84	200419	48.145	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.300%	
26) 1,2-Dichloroethane-d4	5.031	65	130608	53.267	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.540%	
32) Benzene-d6	5.050	84	419040	49.688	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.380%	
36) 1,2-Dichloropropane-d6	6.072	67	136292	51.389	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.780%	
41) Toluene-d8	7.317	98	370453	46.534	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.060%	
43) trans-1,3-Dichloroprop...	7.622	79	61357	48.606	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	97.220%	
47) 2-Hexanone-d5	8.088	63	107531	105.668	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.670%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	178306	52.494	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.980%	
66) 1,2-Dichlorobenzene-d4	11.625	152	155424	50.605	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds					Qvalue	
13) Acetone	2.163	43	4821	3.675	ug/L #	75
16) Methylene chloride	2.507	84	8887	3.488	ug/L	99
25) Chloroform	4.378	83	11187	2.581	ug/L	99
39) cis-1,3-Dichloropropene	6.989	75	3841	1.061	ug/L #	67
44) trans-1,3-Dichloropropene	7.625	75	2766	0.821	ug/L #	79
61) 1,2,3-Trichloropropane	11.249	75	16763	6.191	ug/L #	65

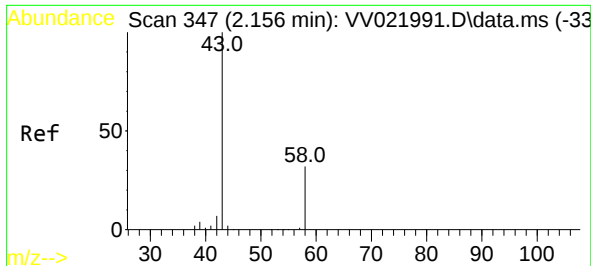
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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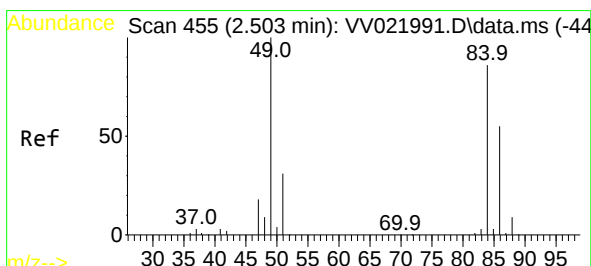
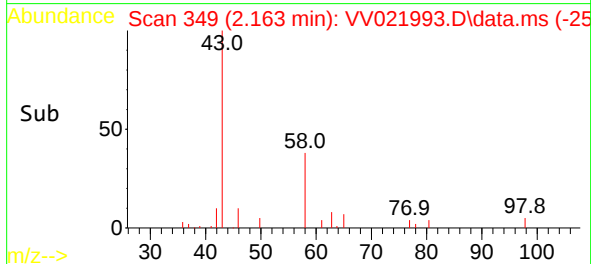
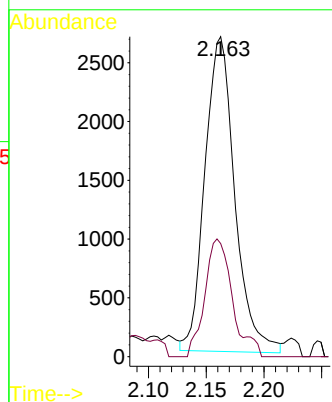
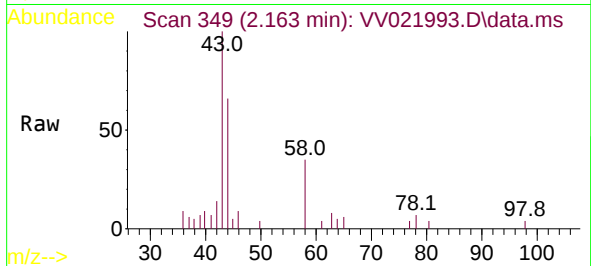




#13
Acetone
Concen: 3.675 ug/L
RT: 2.163 min Scan# 349
Delta R.T. 0.007 min
Lab File: VV021993.D
Acq: 30 Aug 2021 10:37

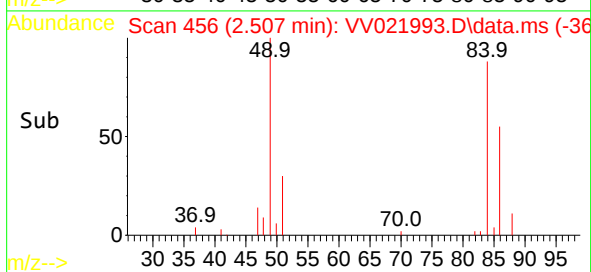
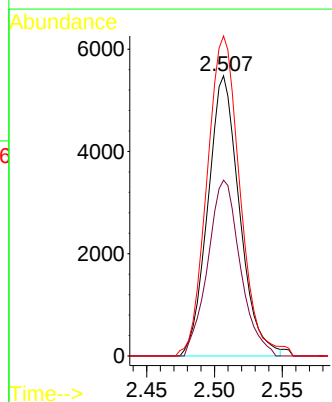
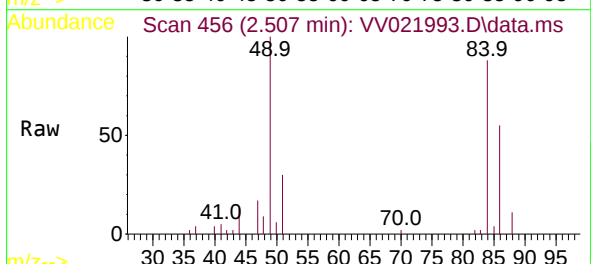
Instrument :
MSVOA_V
ClientSampled :

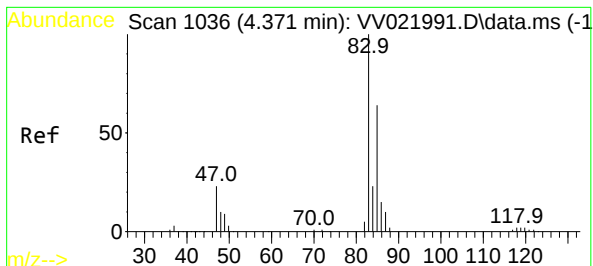
Tgt Ion: 43 Resp: 4821
Ion Ratio Lower Upper
43 100
58 32.1 0.0 0.4#



#16
Methylene chloride
Concen: 3.488 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021993.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 84 Resp: 8887
Ion Ratio Lower Upper
84 100
86 62.7 44.8 83.2
49 114.2 80.2 149.0

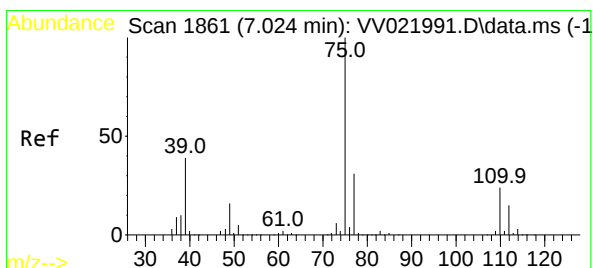
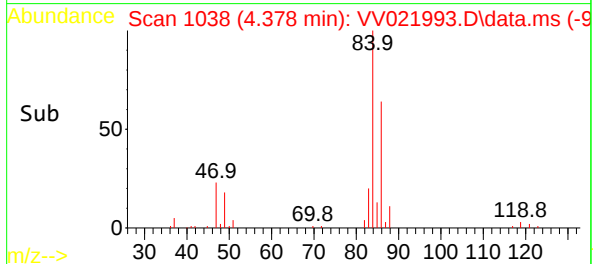
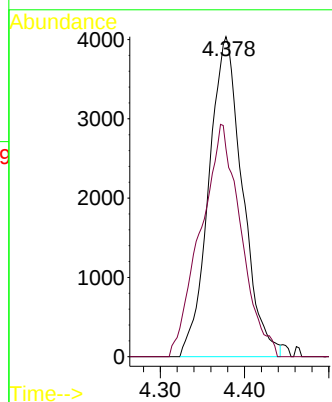
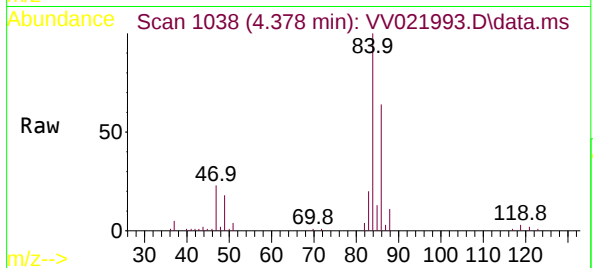




#25
Chloroform
Concen: 2.581 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV021993.D
Acq: 30 Aug 2021 10:37

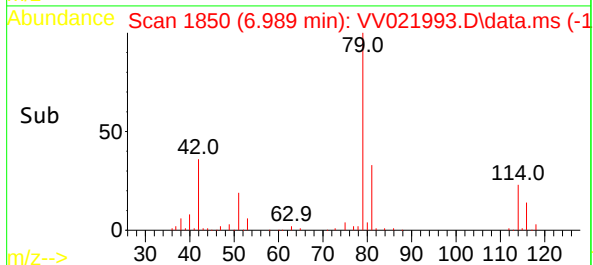
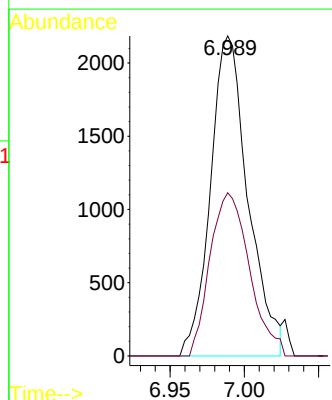
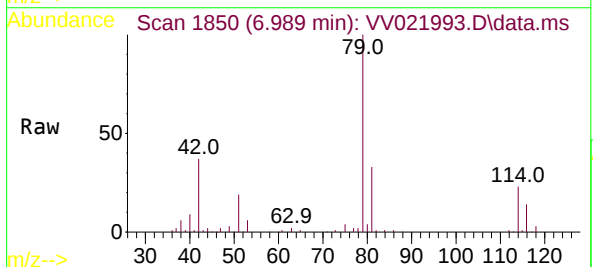
Instrument :
MSVOA_V
ClientSampled :

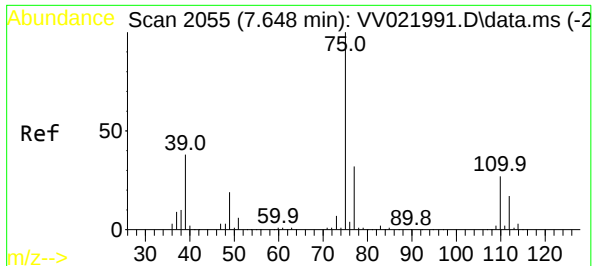
Tgt Ion: 83 Resp: 11187
Ion Ratio Lower Upper
83 100
85 65.0 46.3 85.9



#39
cis-1,3-Dichloropropene
Concen: 1.061 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV021993.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 75 Resp: 3841
Ion Ratio Lower Upper
75 100
77 51.0 22.7 42.1#

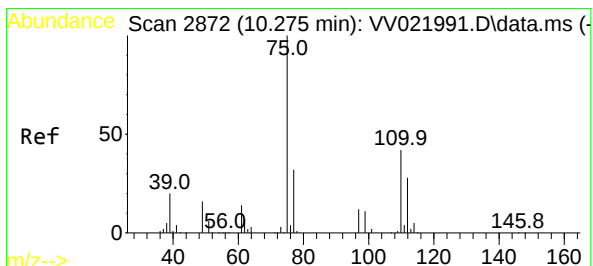
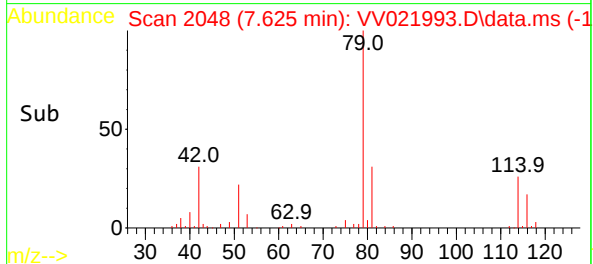
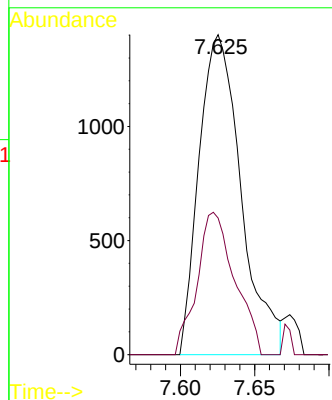
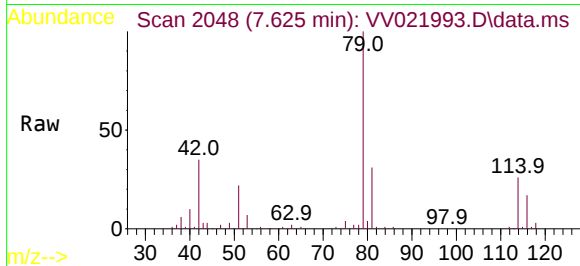




#44
trans-1,3-Dichloropropene
Concen: 0.821 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV021993.D
Acq: 30 Aug 2021 10:37

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 2766
Ion Ratio Lower Upper
75 100
77 42.7 21.8 40.6#



#61
1,2,3-Trichloropropane
Concen: 6.191 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021993.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 75 Resp: 16763
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 2.7 33.8 50.6#

