

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV021997.D
 Acq On : 30 Aug 2021 12:13
 Operator : SY/MD
 Sample : M3553-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:37:23 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

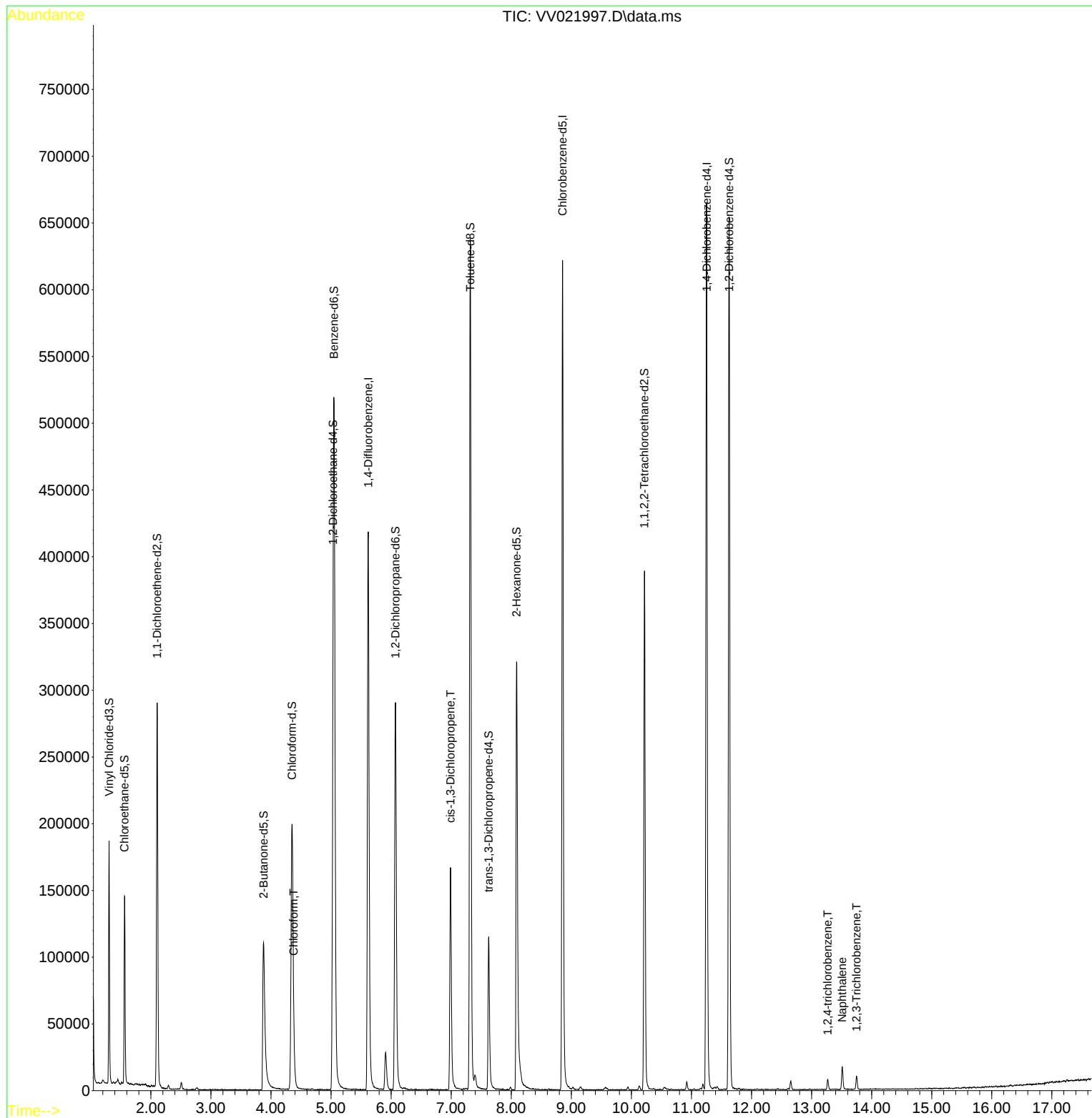
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	381448	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	358487	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	186767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108944	41.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.480%
7) Chloroethane-d5	1.561	69	91903	44.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.100%
11) 1,1-Dichloroethene-d2	2.105	63	147638	33.794	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.580%
21) 2-Butanone-d5	3.876	46	181351	100.103	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.100%
24) Chloroform-d	4.349	84	210135	43.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
26) 1,2-Dichloroethane-d4	5.034	65	136797	48.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	5.050	84	469020	48.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
36) 1,2-Dichloropropane-d6	6.072	67	149151	48.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.560%
41) Toluene-d8	7.317	98	434225	47.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
43) trans-1,3-Dichloroprop...	7.625	79	67160	46.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.280%
47) 2-Hexanone-d5	8.088	63	112642	96.005	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	186963	47.740	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.480%
66) 1,2-Dichlorobenzene-d4	11.628	152	177162	48.252	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.500%
Target Compounds						
25) Chloroform	4.378	83	13953	2.782	ug/L	98
39) cis-1,3-Dichloropropene	6.989	75	4270	1.023	ug/L #	69
70) 1,2,4-trichlorobenzene	13.268	180	2876	0.734	ug/L	92
71) Naphthalene	13.509	128	14416	1.279	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.747	180	3600	0.942	ug/L	97

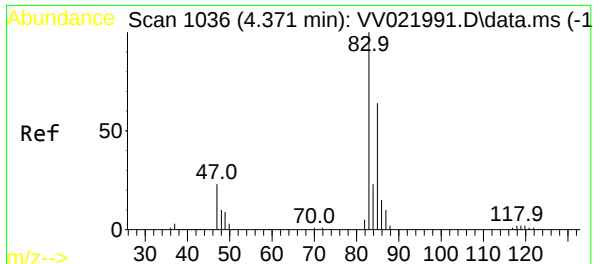
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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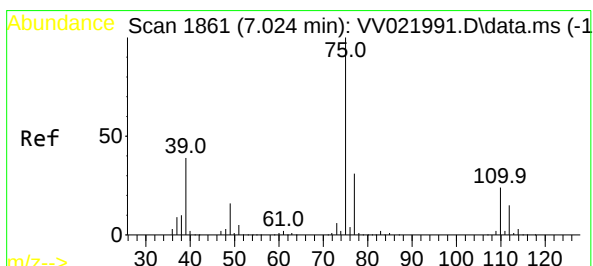
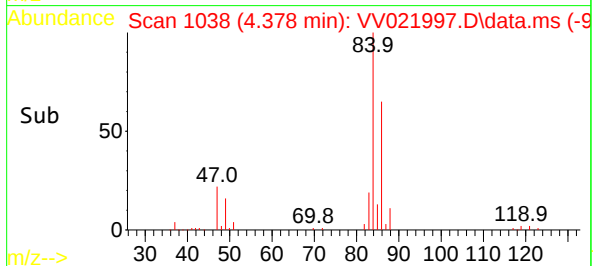
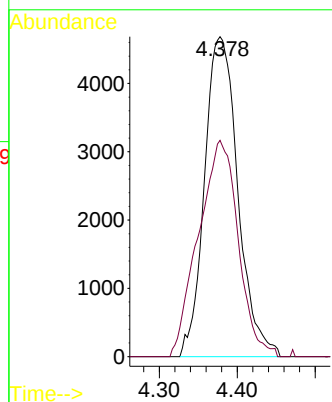
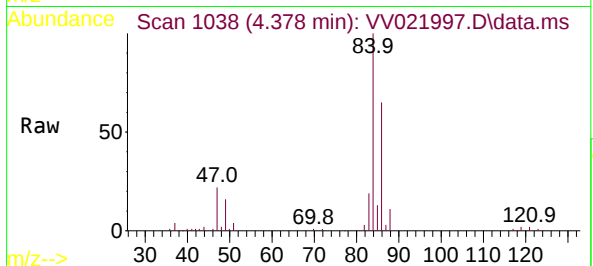


#25

Chloroform
Concen: 2.782 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021997.D
Acq: 30 Aug 2021 12:13

Instrument :
MSVOA_V
ClientSampled :

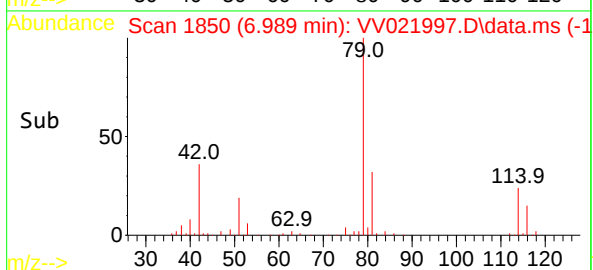
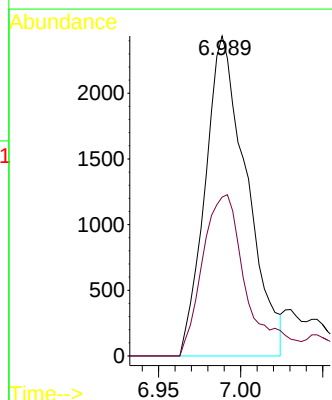
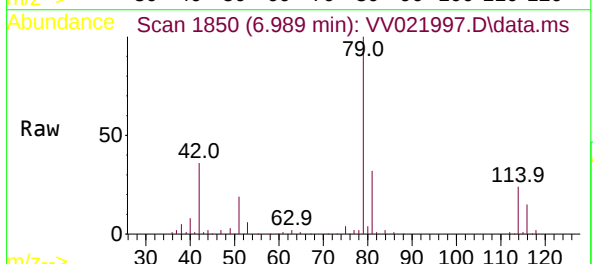
Tgt Ion: 83 Resp: 13953
Ion Ratio Lower Upper
83 100
85 67.6 46.3 85.9

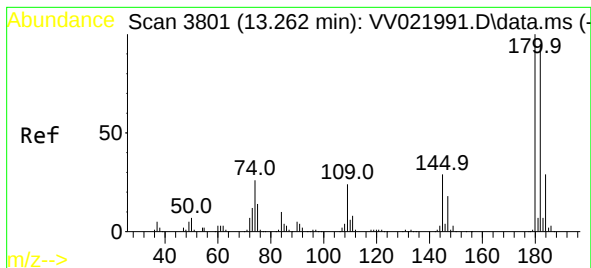


#39

cis-1,3-Dichloropropene
Concen: 1.023 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV021997.D
Acq: 30 Aug 2021 12:13

Tgt Ion: 75 Resp: 4270
Ion Ratio Lower Upper
75 100
77 49.7 22.7 42.1#

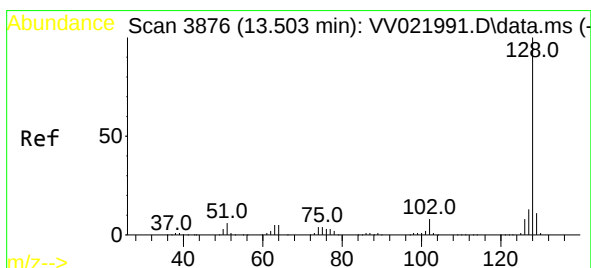
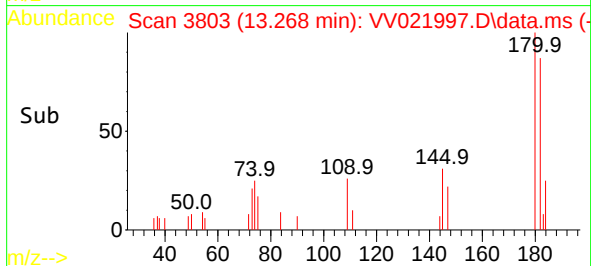
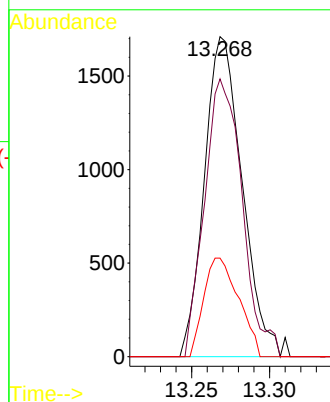
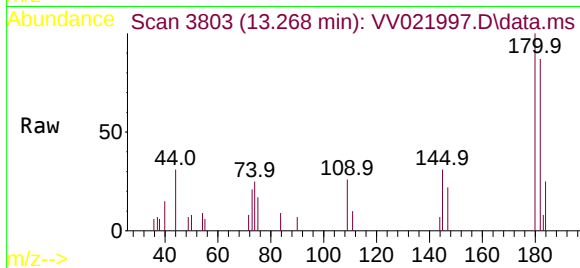




#70
1,2,4-trichlorobenzene
Concen: 0.734 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.006 min
Lab File: VV021997.D
Acq: 30 Aug 2021 12:13

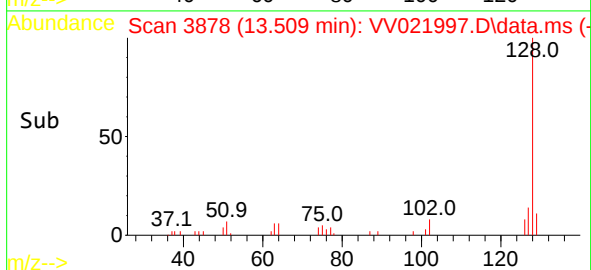
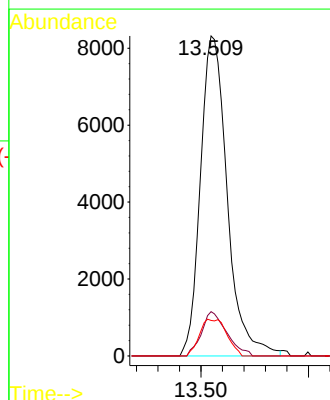
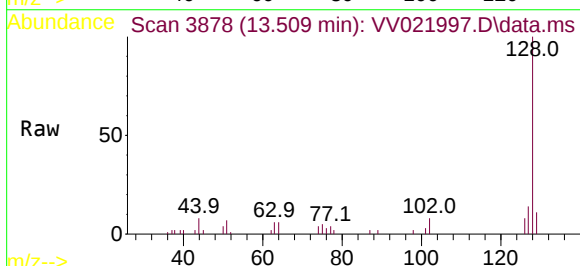
Instrument :
MSVOA_V
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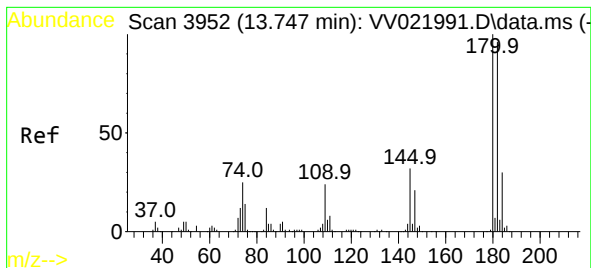
Tgt Ion:180 Resp: 2876
Ion Ratio Lower Upper
180 100
182 85.1 75.9 113.9
145 28.5 23.8 35.6



#71
Naphthalene
Concen: 1.279 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV021997.D
Acq: 30 Aug 2021 12:13

Tgt Ion:128 Resp: 14416
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 6.7 8.7 13.1#





#72
1,2,3-Trichlorobenzene
Concen: 0.942 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021997.D
Acq: 30 Aug 2021 12:13

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	180	Resp:	3600
Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.3	114.5
145	27.3	25.4	38.0

