

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
 Data File : VV021117.D
 Acq On : 23 Apr 2021 14:17
 Operator : SY/MD
 Sample : M2144-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

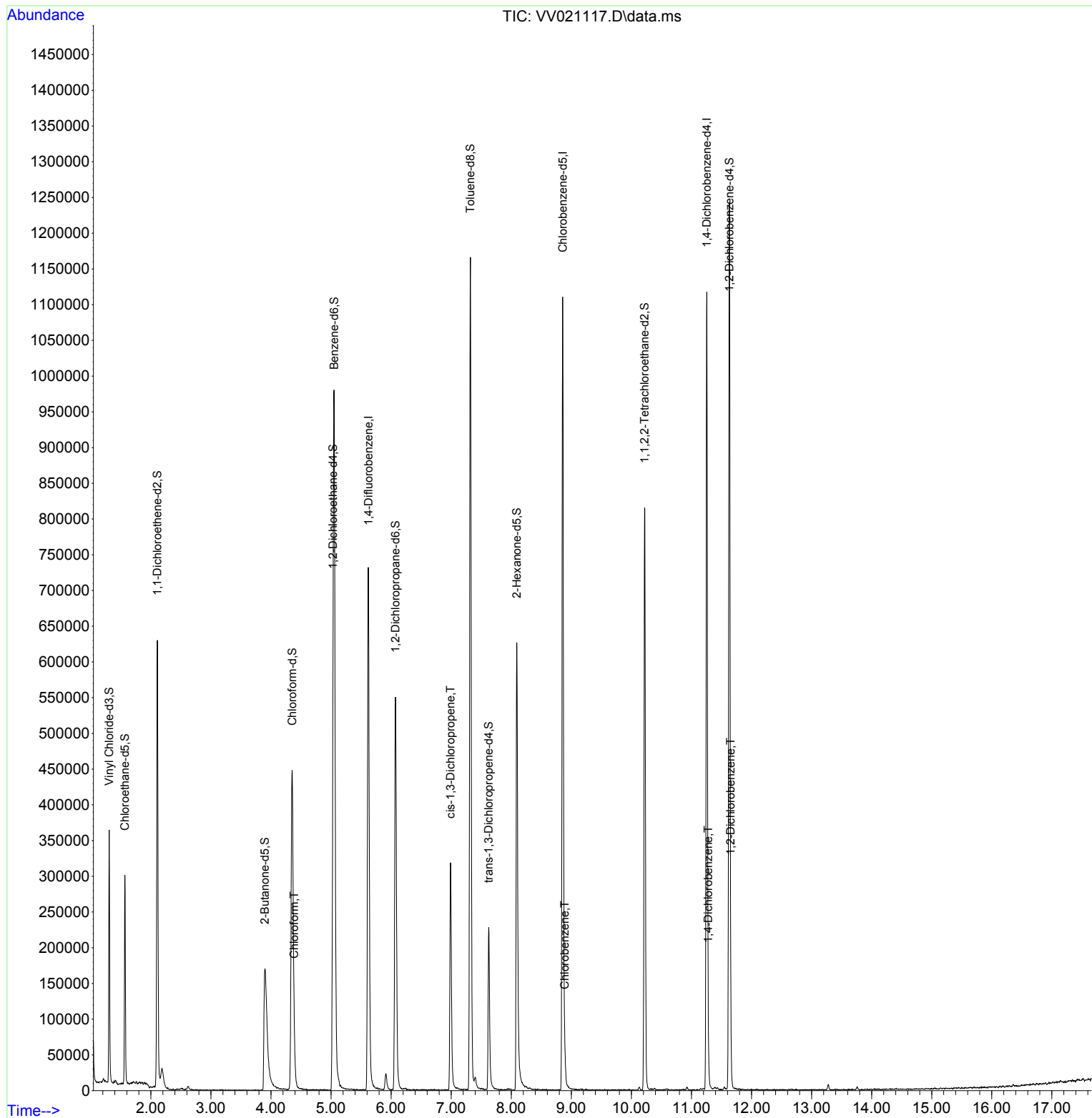
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	643409	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	619046	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	294749	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	216442	40.94	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.88%	
7) Chloroethane-d5	1.568	69	176312	45.33	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	90.66%	
11) 1,1-Dichloroethene-d2	2.108	63	322920	33.12	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.24%	
21) 2-Butanone-d5	3.899	46	285590	110.62	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.62%	
24) Chloroform-d	4.352	84	448076	47.54	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.08%	
26) 1,2-Dichloroethane-d4	5.034	65	311645	52.01	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.02%	
32) Benzene-d6	5.053	84	825781	50.09	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.18%	
36) 1,2-Dichloropropane-d6	6.072	67	251573	51.12	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.24%	
41) Toluene-d8	7.320	98	782126	49.02	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.04%	
43) trans-1,3-Dichloroprop...	7.625	79	133964	49.81	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.62%	
47) 2-Hexanone-d5	8.091	63	229128	117.39	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	117.39%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	360070	48.51	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.02%	
66) 1,2-Dichlorobenzene-d4	11.632	152	317581	54.54	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.08%	
Target Compounds						
25) Chloroform	4.384	83	54040	6.03	ug/L	95
39) cis-1,3-Dichloropropene	6.989	75	8572	1.24	ug/L #	60
51) Chlorobenzene	8.889	112	23799	1.83	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	7652	0.85	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	25657	2.83	ug/L	97

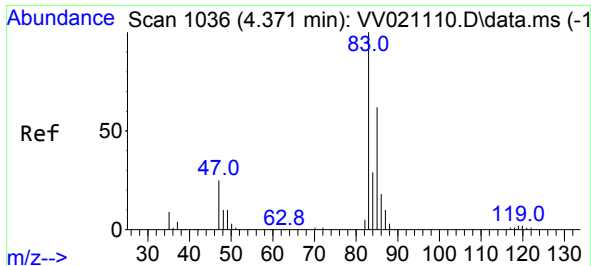
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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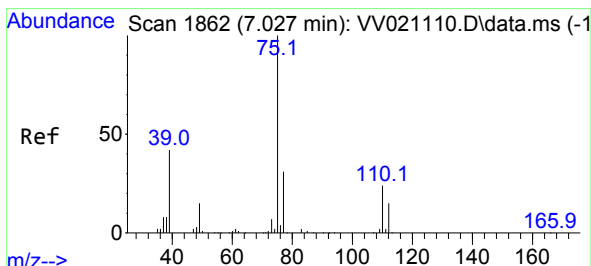
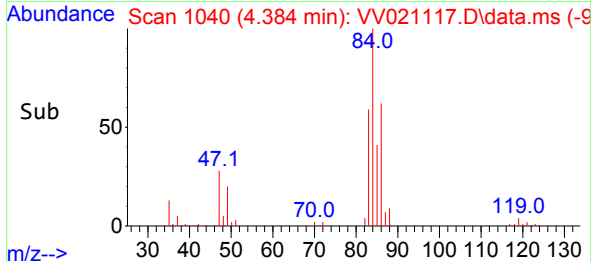
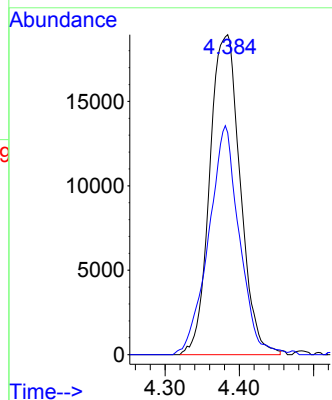
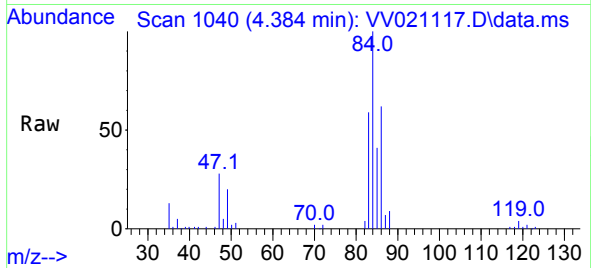




#25
Chloroform
Concen: 6.03 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV021117.D
Acq: 23 Apr 2021 14:17

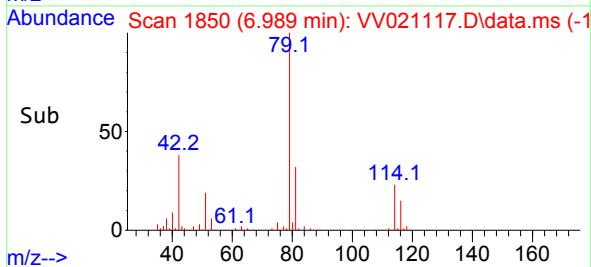
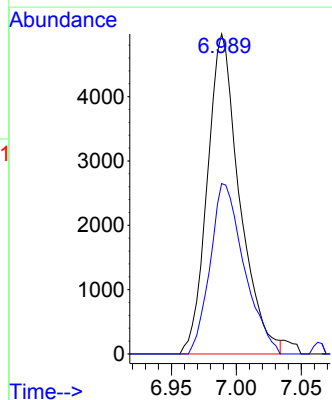
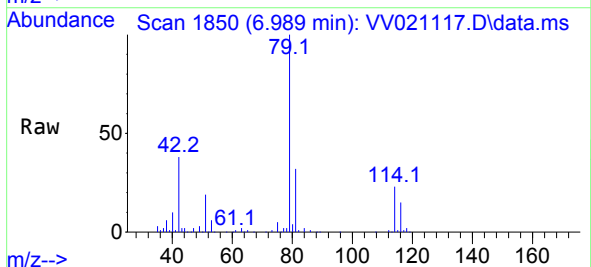
Instrument :
MSVOA_V
ClientSampled :

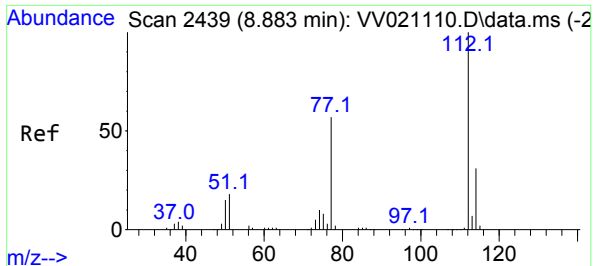
Tgt Ion: 83 Resp: 54040
Ion Ratio Lower Upper
83 100
85 69.4 45.6 84.6



#39
cis-1,3-Dichloropropene
Concen: 1.24 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV021117.D
Acq: 23 Apr 2021 14:17

Tgt Ion: 75 Resp: 8572
Ion Ratio Lower Upper
75 100
77 53.2 21.8 40.6#

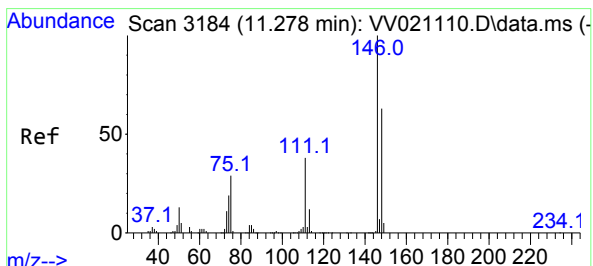
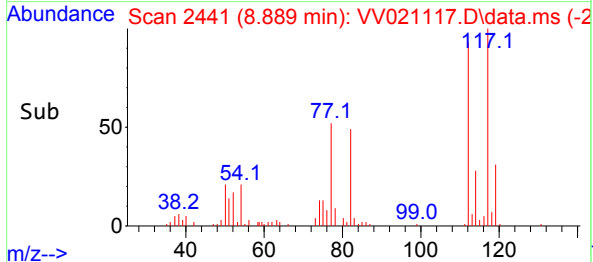
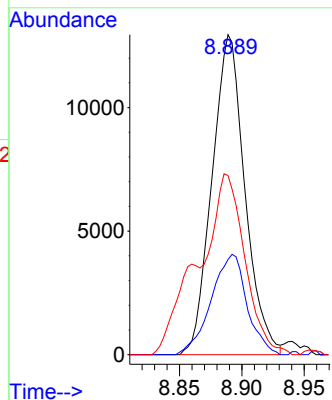
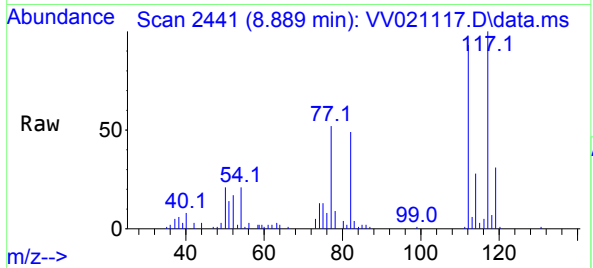




#51
Chlorobenzene
Concen: 1.83 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.006 min
Lab File: VV021117.D
Acq: 23 Apr 2021 14:17

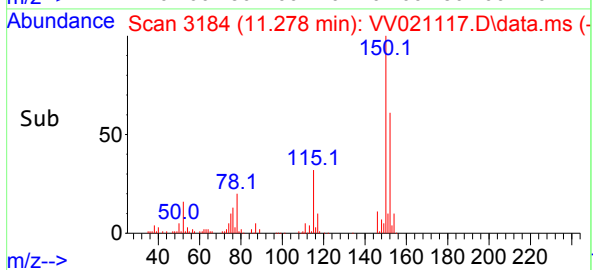
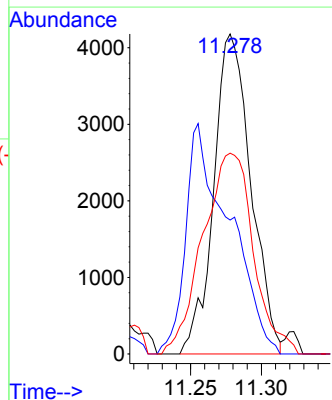
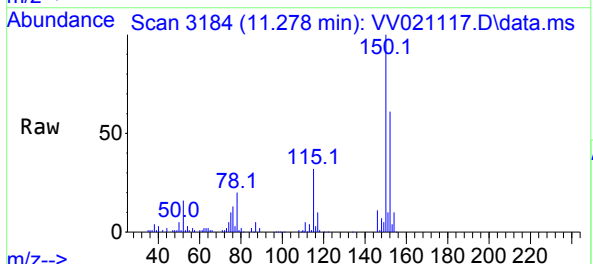
Instrument :
MSVOA_V
ClientSampled :

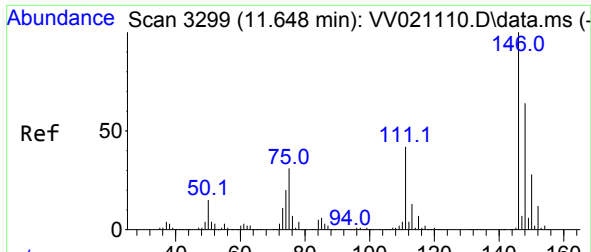
Tgt Ion:112 Resp: 23799
Ion Ratio Lower Upper
112 100
114 29.8 22.8 42.4
77 56.0 44.2 66.2



#65
1,4-Dichlorobenzene
Concen: 0.85 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021117.D
Acq: 23 Apr 2021 14:17

Tgt Ion:146 Resp: 7652
Ion Ratio Lower Upper
146 100
111 41.9 26.3 48.9
148 62.8 44.7 82.9





#67
1,2-Dichlorobenzene
Concen: 2.83 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021117.D
Acq: 23 Apr 2021 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146	Resp:	25657
Ion Ratio	Lower	Upper
146	100	
111	43.9	33.2 49.8
148	61.5	50.6 75.8

