

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021806.D
 Acq On : 16 Aug 2021 21:17
 Operator : SY/MD
 Sample : M3364-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 04:33:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 04:08:59 2021
 Response via : Initial Calibration

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

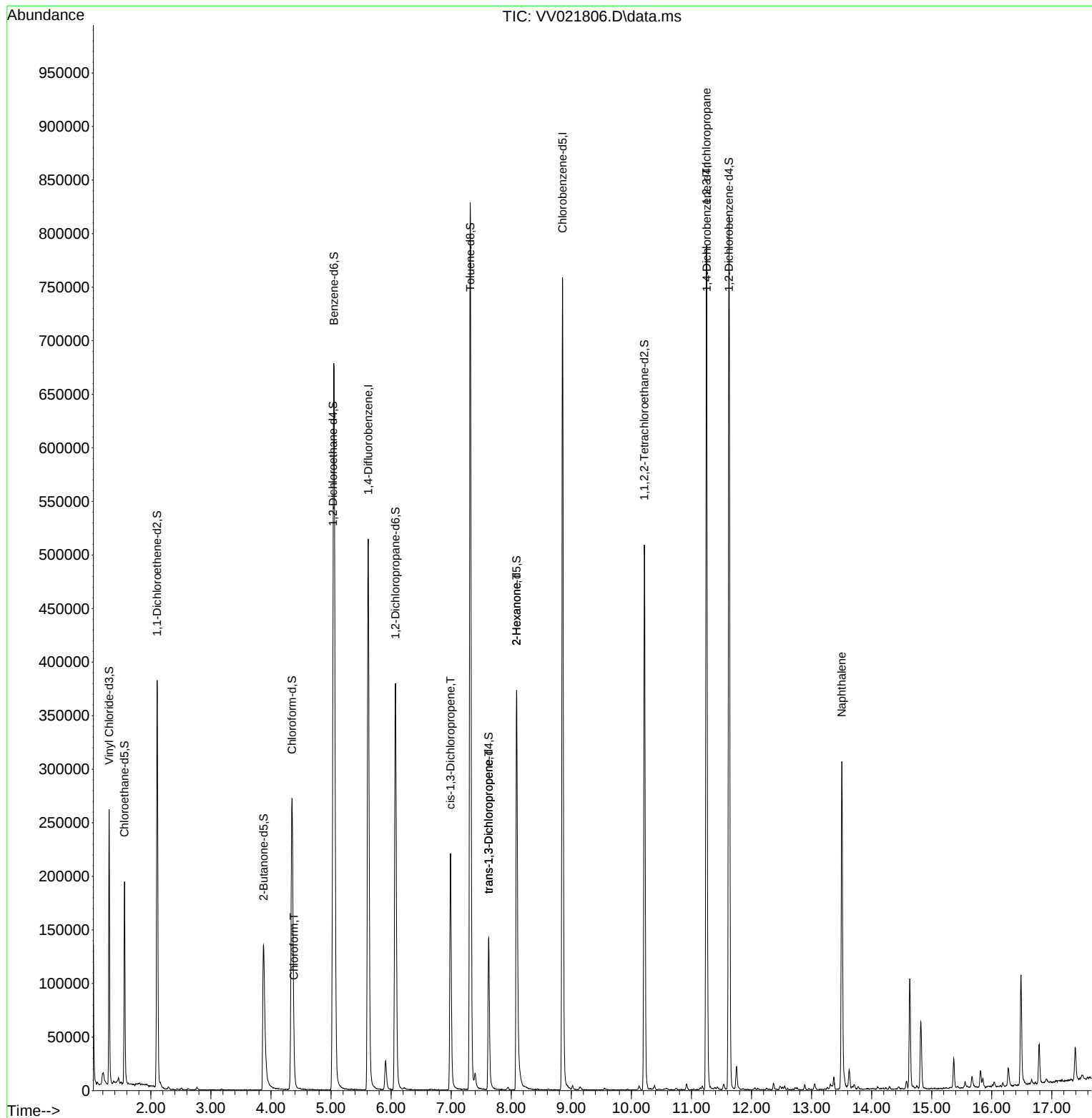
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	473462	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	436766	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	218309	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162644	43.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.880%
7) Chloroethane-d5	1.561	69	125645	44.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.960%
11) 1,1-Dichloroethene-d2	2.105	63	194091	32.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.880%
21) 2-Butanone-d5	3.876	46	215810	93.748	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.750%
24) Chloroform-d	4.349	84	287667	44.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
26) 1,2-Dichloroethane-d4	5.034	65	178120	48.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
32) Benzene-d6	5.050	84	612485	48.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
36) 1,2-Dichloropropane-d6	6.072	67	194839	49.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.620%
41) Toluene-d8	7.317	98	562879	48.487	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
43) trans-1,3-Dichloroprop...	7.625	79	85166	44.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.480%
47) 2-Hexanone-d5	8.088	63	130658	101.924	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	245376	50.625	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	224143	49.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
Target Compounds						Qvalue
25) Chloroform	4.381	83	4582	0.728	ug/L	98
39) cis-1,3-Dichloropropene	6.989	75	5405	1.003	ug/L #	66
44) trans-1,3-Dichloropropene	7.625	75	3494	0.688	ug/L	94
48) 2-Hexanone	8.088	43	15055	4.152	ug/L #	73
61) 1,2,3-Trichloropropane	11.249	75	23169	5.743	ug/L #	64
71) Naphthalene	13.503	128	250674	20.027	ug/L	99

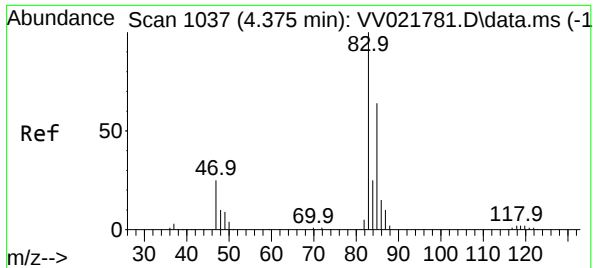
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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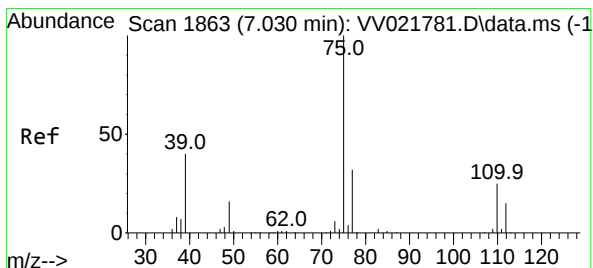
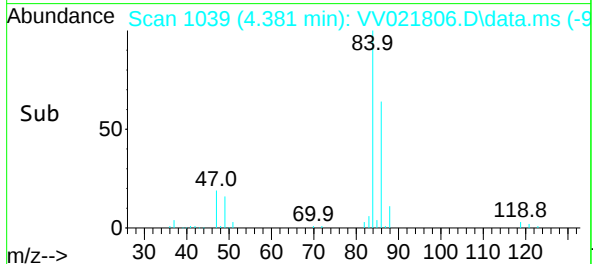
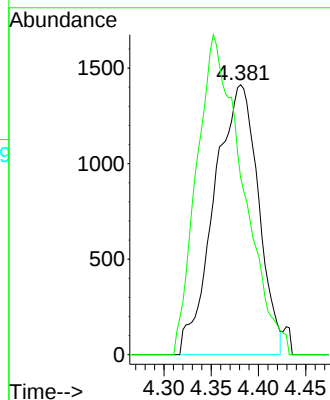
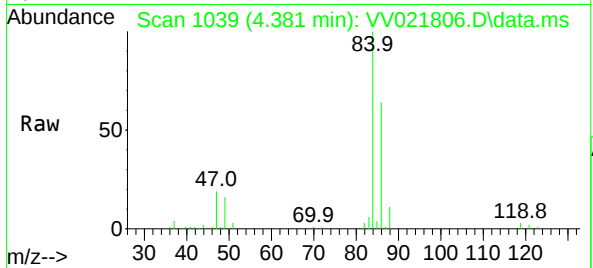




#25
Chloroform
Concen: 0.728 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VV021806.D
Acq: 16 Aug 2021 21:17

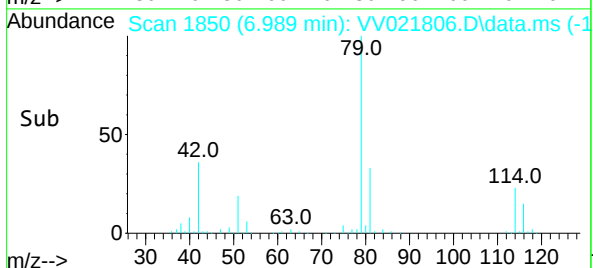
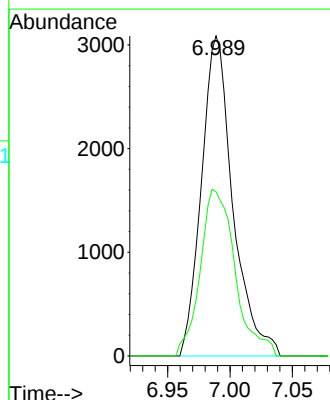
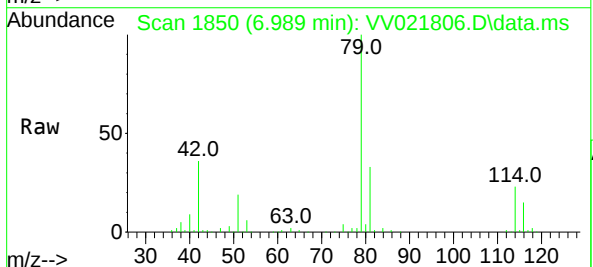
Instrument :
MSVOA_V
ClientSampled :

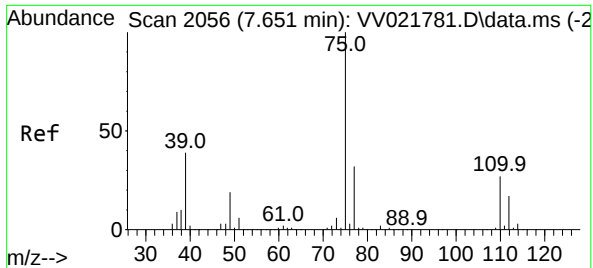
Tgt Ion: 83 Resp: 4582
Ion Ratio Lower Upper
83 100
85 65.5 44.8 83.2



#39
cis-1,3-Dichloropropene
Concen: 1.003 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV021806.D
Acq: 16 Aug 2021 21:17

Tgt Ion: 75 Resp: 5405
Ion Ratio Lower Upper
75 100
77 51.3 22.5 41.9#

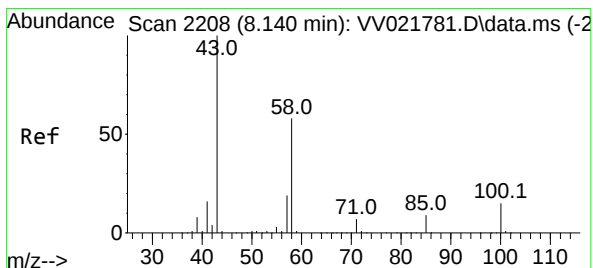
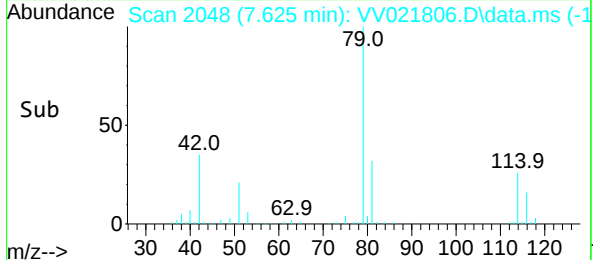
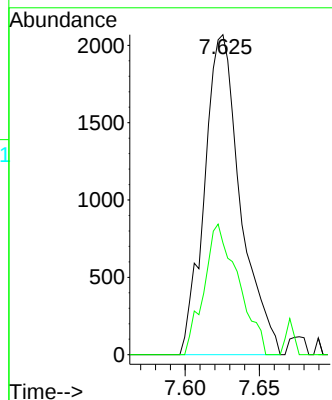
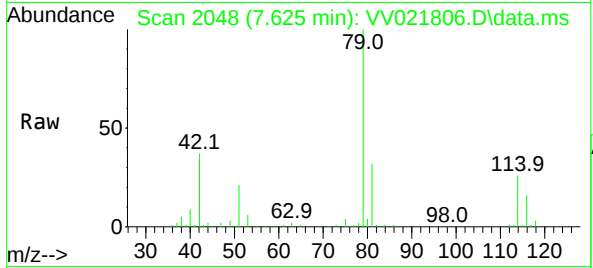




#44
trans-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021806.D
Acq: 16 Aug 2021 21:17

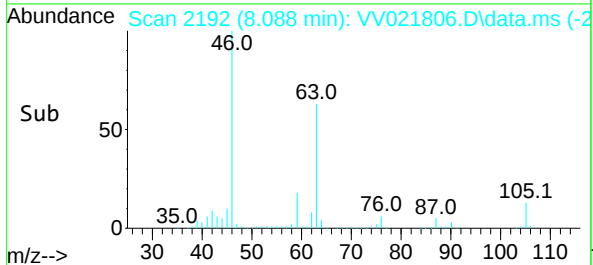
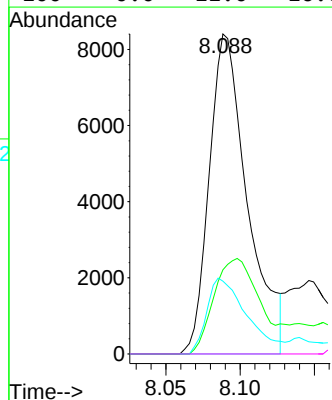
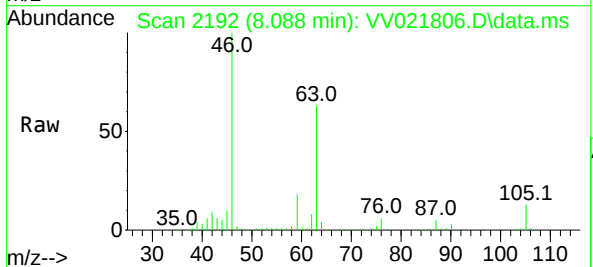
Instrument :
MSVOA_V
ClientSampled :

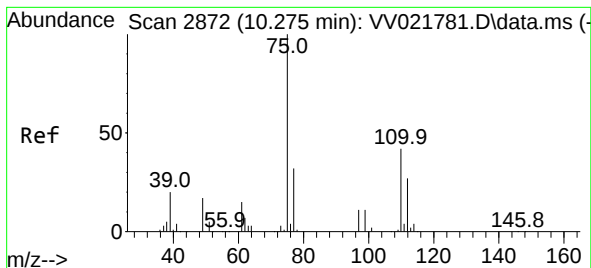
Tgt Ion: 75 Resp: 3494
Ion Ratio Lower Upper
75 100
77 34.9 22.2 41.2



#48
2-Hexanone
Concen: 4.152 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV021806.D
Acq: 16 Aug 2021 21:17

Tgt Ion: 43 Resp: 15055
Ion Ratio Lower Upper
43 100
58 34.6 45.4 68.2#
57 25.0 15.3 22.9#
100 0.0 11.0 16.6#





#61

1,2,3-Trichloropropane

Concen: 5.743 ug/L

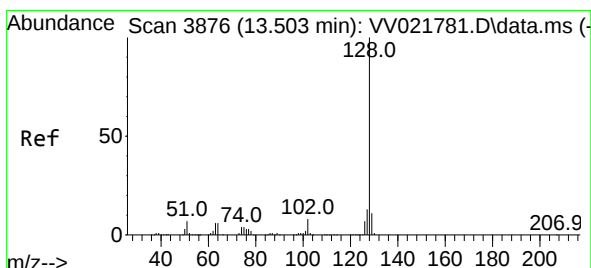
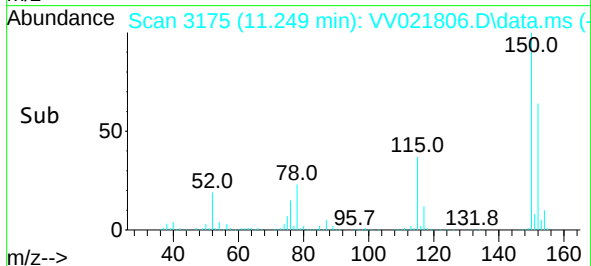
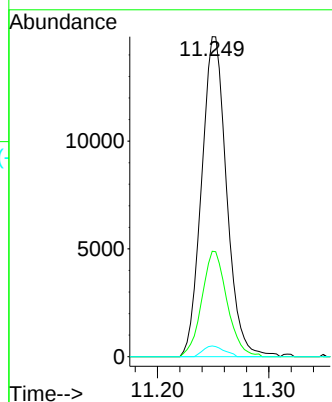
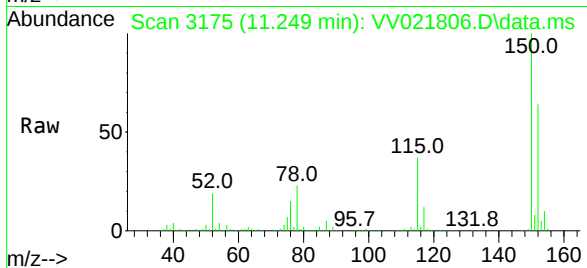
RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV021806.D

Acq: 16 Aug 2021 21:17

Tgt Ion: 75	Resp: 23169
Ion Ratio	Lower Upper
75 100	
77 33.2	25.5 38.3
110 2.8	33.4 50.2#



#71

Naphthalene

Concen: 20.027 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV021806.D

Acq: 16 Aug 2021 21:17

Tgt Ion: 128	Resp: 250674
Ion Ratio	Lower Upper
128 100	
127 12.4	10.0 15.0
129 11.0	8.5 12.7

