

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022231.D
 Acq On : 20 Sep 2021 14:40
 Operator : SY/MD
 Sample : M3778-09 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:43:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

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

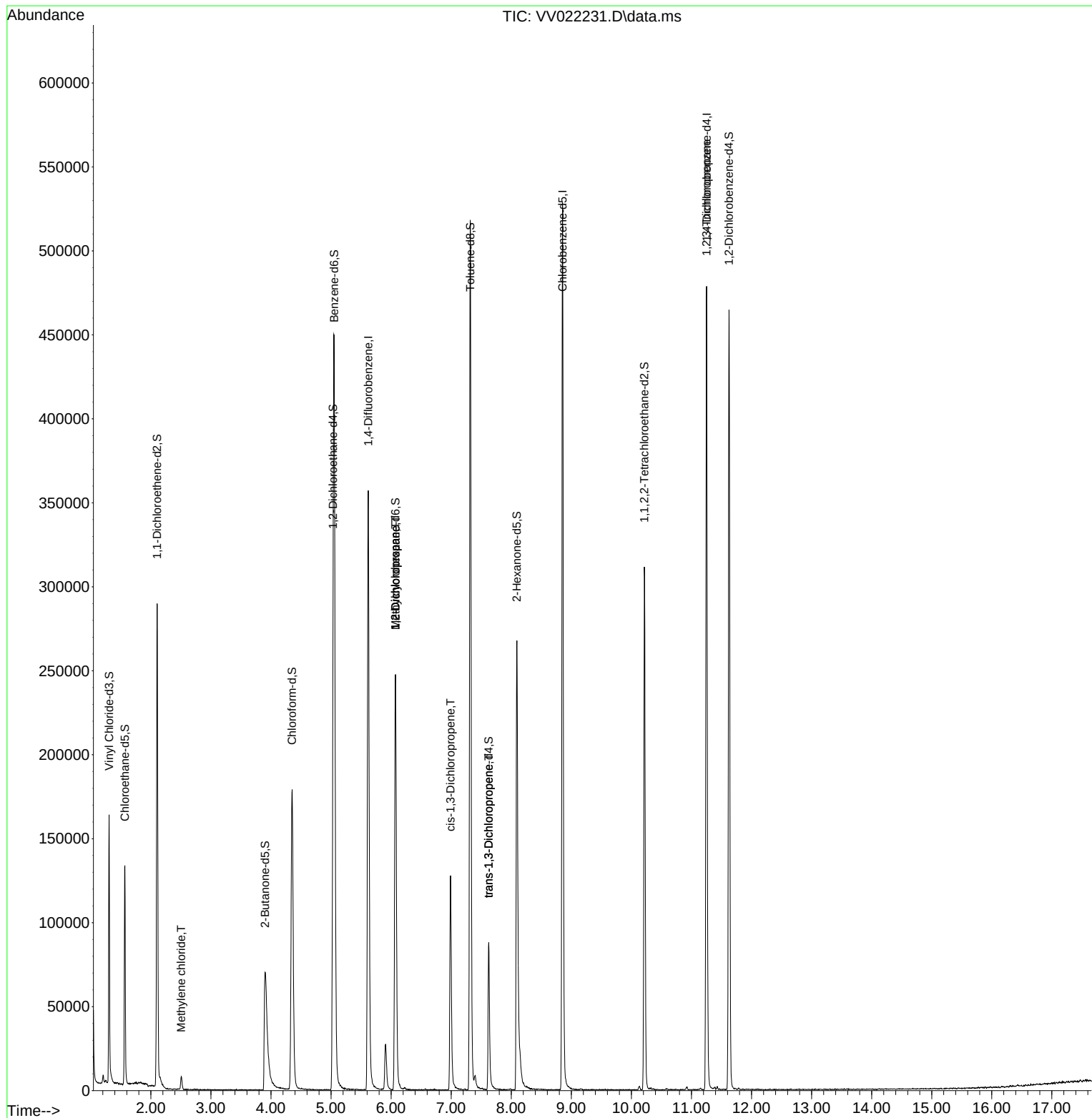
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	313943	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	297246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	128498	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105565	48.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.120%
7) Chloroethane-d5	1.568	69	84469	49.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.500%
11) 1,1-Dichloroethene-d2	2.105	63	145485	40.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.920%
21) 2-Butanone-d5	3.902	46	157610	105.705	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.710%
24) Chloroform-d	4.352	84	189612	47.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
26) 1,2-Dichloroethane-d4	5.034	65	118865	50.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.820%
32) Benzene-d6	5.053	84	396420	49.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
36) 1,2-Dichloropropane-d6	6.072	67	124541	49.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	7.320	98	345340	45.376	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	7.625	79	50531	41.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.740%
47) 2-Hexanone-d5	8.092	63	95674	98.343	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	145967	44.951	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	125638	49.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.480%
Target Compounds						Qvalue
16) Methylene chloride	2.507	84	3088	1.273	ug/L	91
35) Methylcyclohexane	6.072	83	29246	8.167	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	13615	6.073	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	3143	0.908	ug/L #	71
44) trans-1,3-Dichloropropene	7.625	75	2254	0.700	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	13854	6.221	ug/L #	65

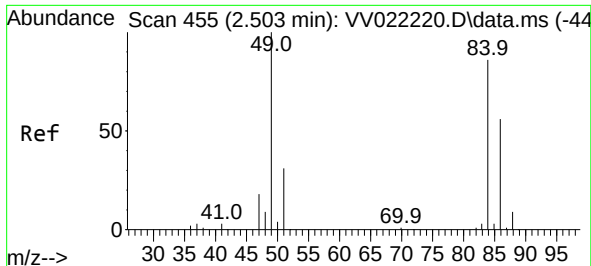
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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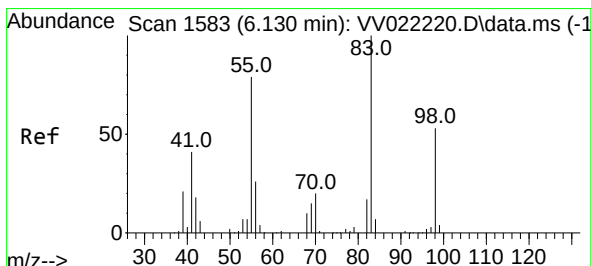
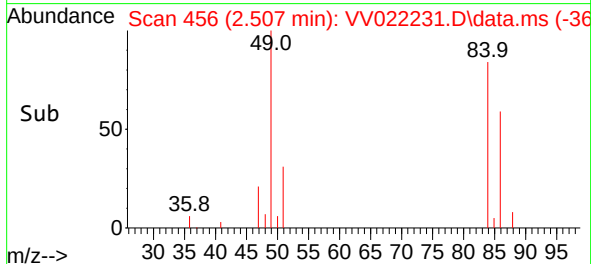
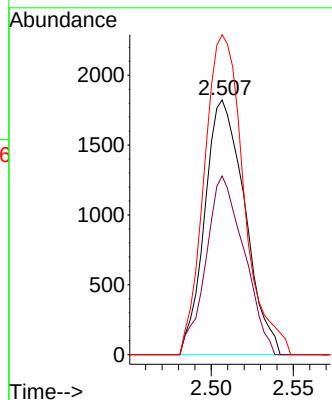
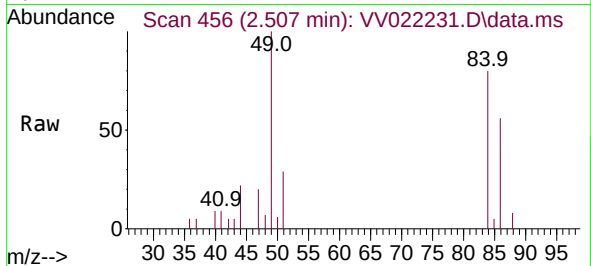




#16
Methylene chloride
Concen: 1.273 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022231.D
Acq: 20 Sep 2021 14:40

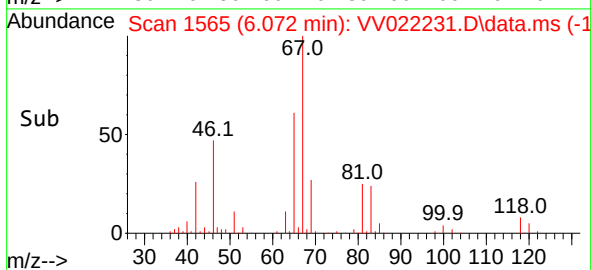
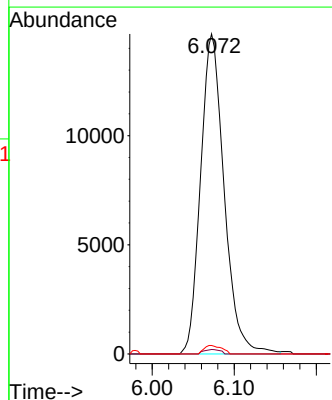
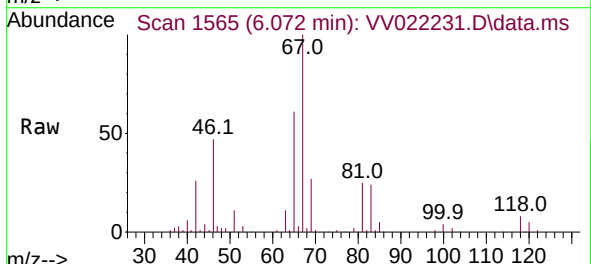
Instrument :
MSVOA_V
ClientSampleId :

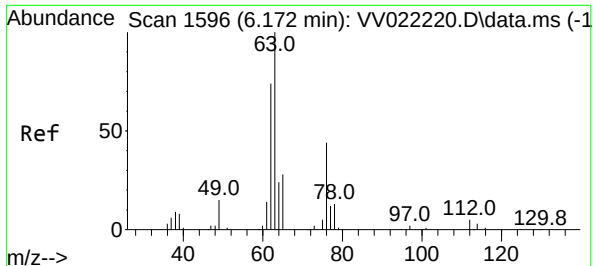
Tgt Ion: 84 Resp: 3088
Ion Ratio Lower Upper
84 100
86 70.2 44.8 83.2
49 125.6 80.2 149.0



#35
Methylcyclohexane
Concen: 8.167 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022231.D
Acq: 20 Sep 2021 14:40

Tgt Ion: 83 Resp: 29246
Ion Ratio Lower Upper
83 100
55 1.0 56.8 85.2#
98 2.0 39.9 59.9#

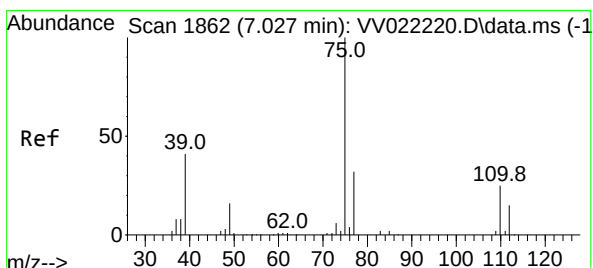
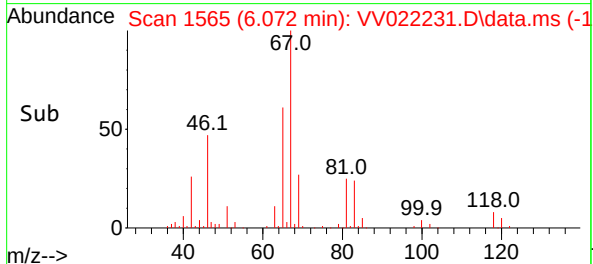
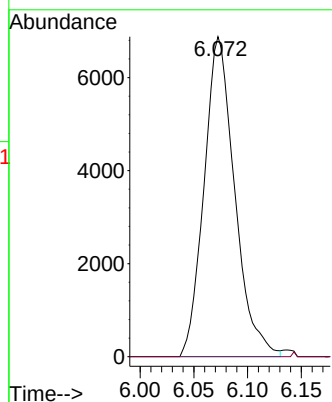
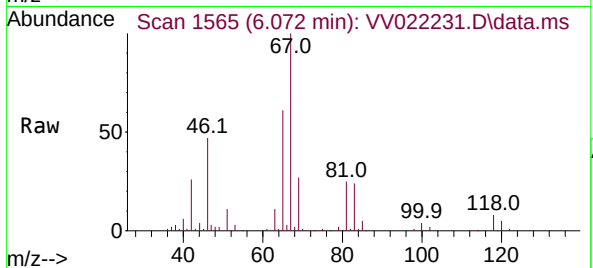




#37
1,2-Dichloropropane
Concen: 6.073 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022231.D
Acq: 20 Sep 2021 14:40

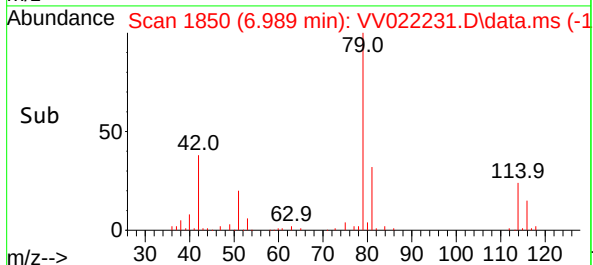
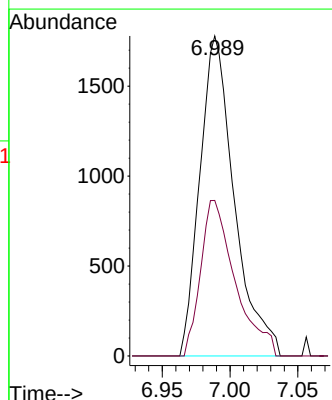
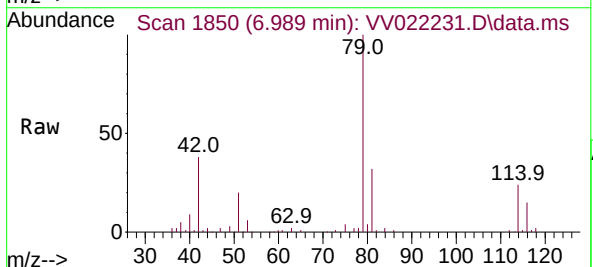
Instrument :
MSVOA_V
ClientSampled :

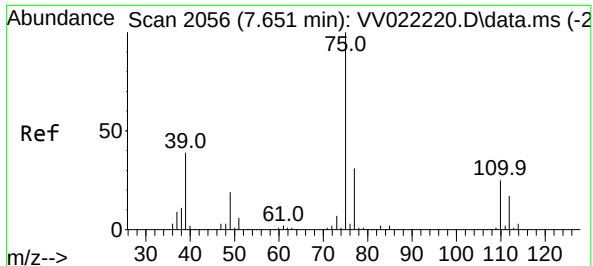
Tgt Ion: 63 Resp: 13615
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.908 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022231.D
Acq: 20 Sep 2021 14:40

Tgt Ion: 75 Resp: 3143
Ion Ratio Lower Upper
75 100
77 48.6 22.7 42.1#

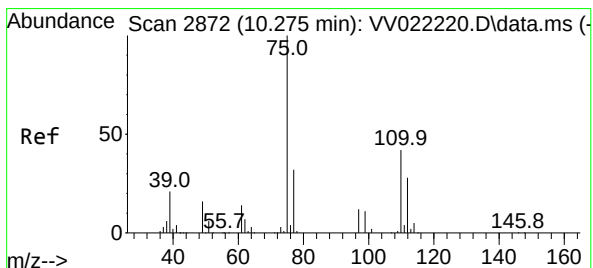
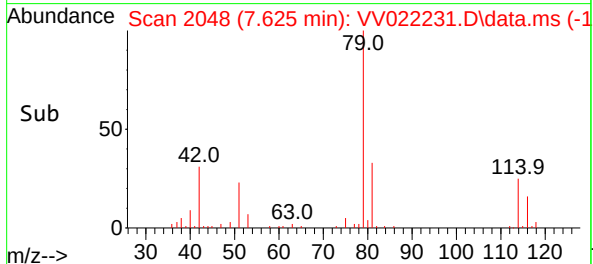
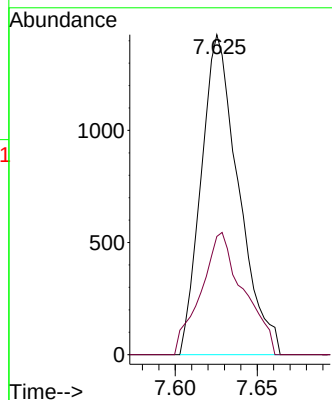
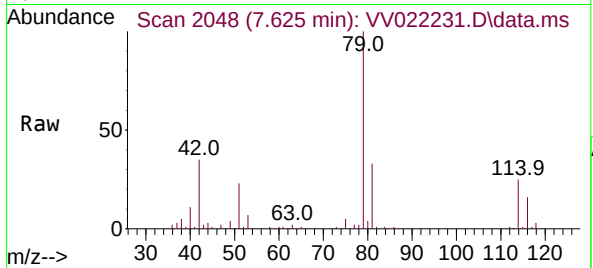




#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022231.D
Acq: 20 Sep 2021 14:40

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 2254
Ion Ratio Lower Upper
75 100
77 36.9 21.8 40.6



#61
1,2,3-Trichloropropane
Concen: 6.221 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022231.D
Acq: 20 Sep 2021 14:40

Tgt Ion: 75 Resp: 13854
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
110 3.2 33.8 50.6#

