

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021982.D
 Acq On : 27 Aug 2021 17:41
 Operator : SY/MD
 Sample : M3549-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:42:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

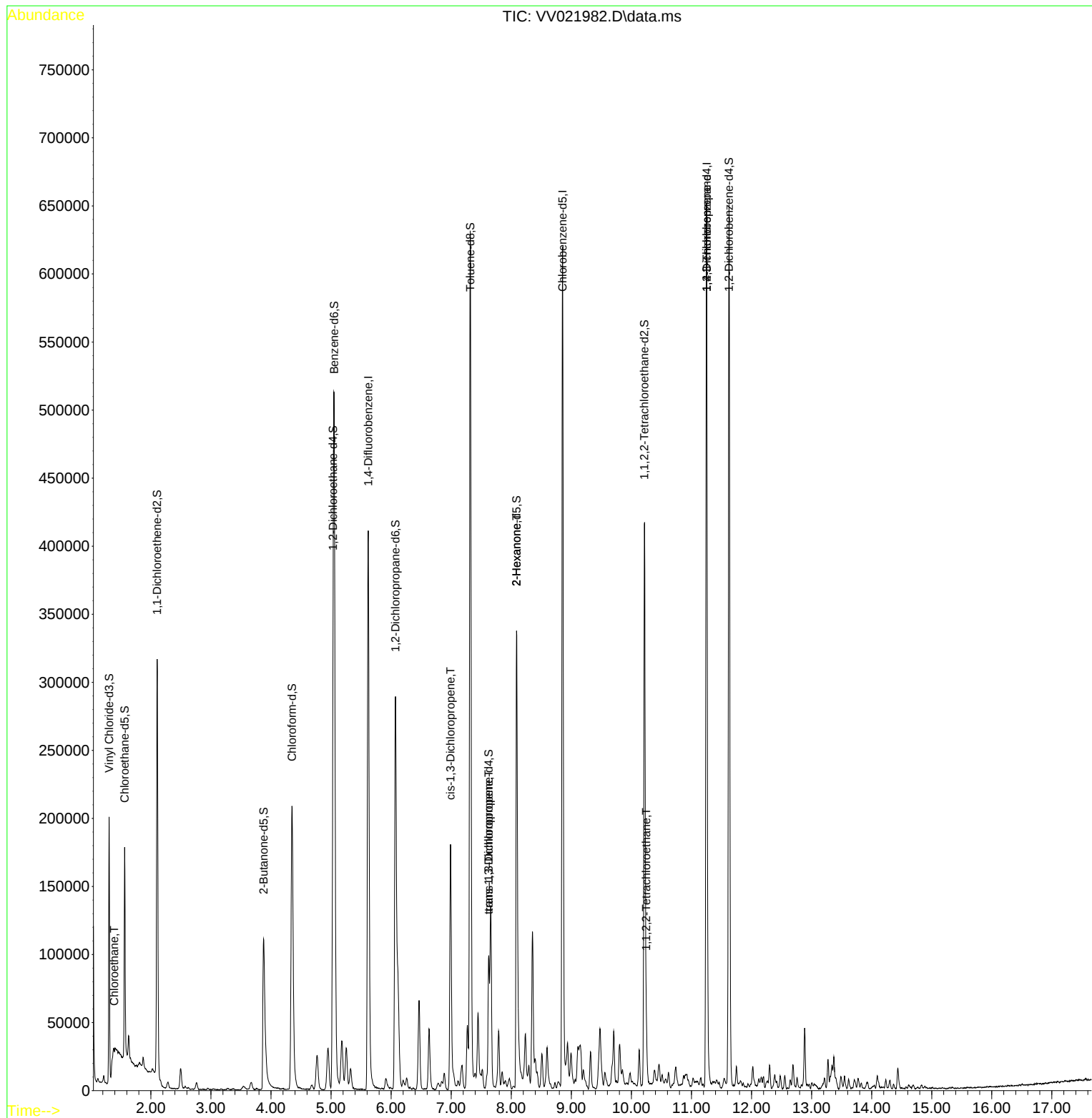
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	375934	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	357785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	183374	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119517	45.908	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.820%	
7) Chloroethane-d5	1.564	69	95640	47.042	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.080%	
11) 1,1-Dichloroethene-d2	2.105	63	154559	35.898	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.800%	
21) 2-Butanone-d5	3.876	46	167204	93.648	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.650%	
24) Chloroform-d	4.349	84	219947	46.334	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.660%	
26) 1,2-Dichloroethane-d4	5.034	65	134450	48.085	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.180%	
32) Benzene-d6	5.053	84	466586	48.080	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.160%	
36) 1,2-Dichloropropane-d6	6.072	67	147970	48.485	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.960%	
41) Toluene-d8	7.317	98	429084	46.840	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.680%	
43) trans-1,3-Dichloroprop...	7.625	79	58032	39.951	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.900%	
47) 2-Hexanone-d5	8.088	63	116954	99.875	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	201135	51.459	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.920%	
66) 1,2-Dichlorobenzene-d4	11.625	152	172540	47.862	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.720%	
Target Compounds						
8) Chloroethane	1.388	64	39550	22.923	ug/L #	51
39) cis-1,3-Dichloropropene	6.989	75	3561	0.855	ug/L #	50
44) trans-1,3-Dichloropropene	7.622	75	2458	0.634	ug/L	88
48) 2-Hexanone	8.088	43	12188	4.294	ug/L #	73
57) 1,1,2,2-Tetrachloroethane	10.246	83	4309	1.083	ug/L #	43
61) 1,2,3-Trichloropropane	11.252	75	19600	6.167	ug/L #	64

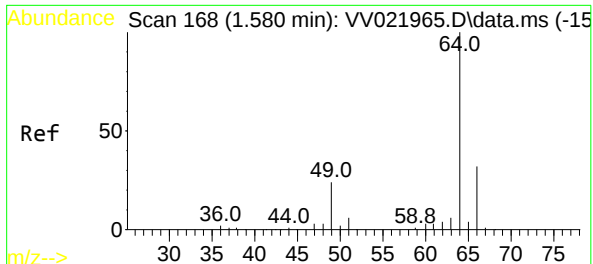
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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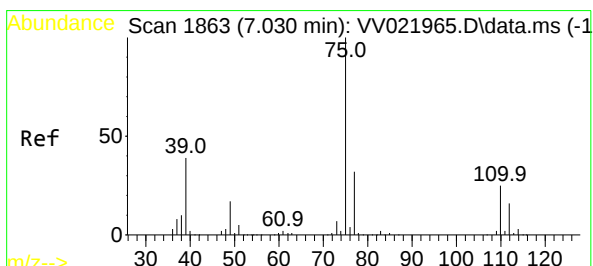
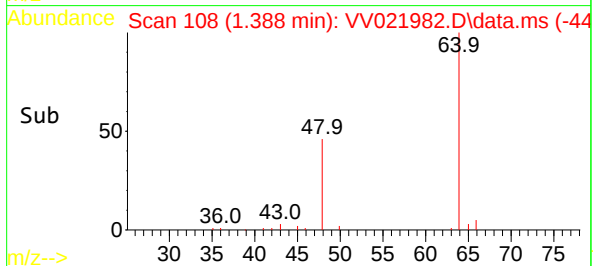
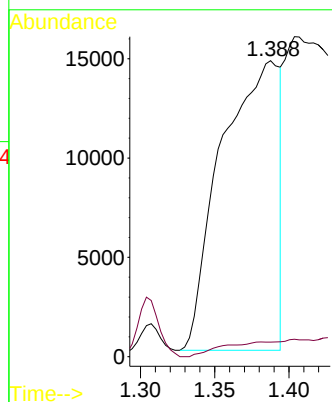
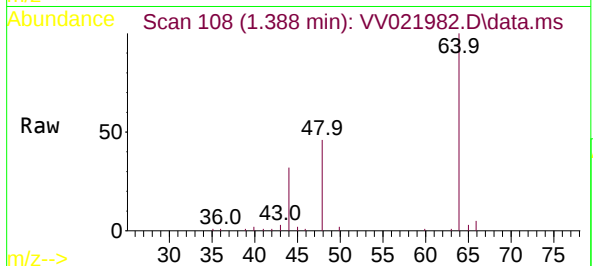




#8
Chloroethane
Concen: 22.923 ug/L
RT: 1.388 min Scan# 108
Delta R.T. -0.193 min
Lab File: VV021982.D
Acq: 27 Aug 2021 17:41

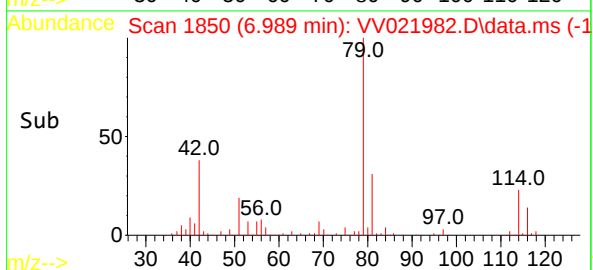
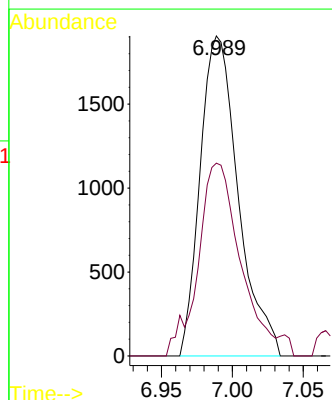
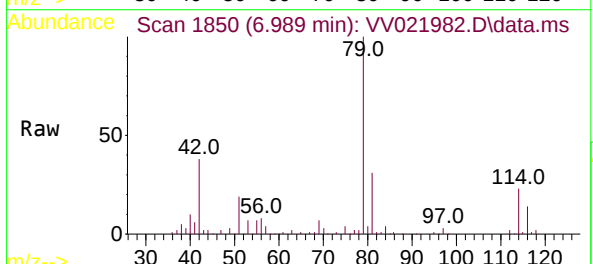
Instrument :
MSVOA_V
ClientSampled :

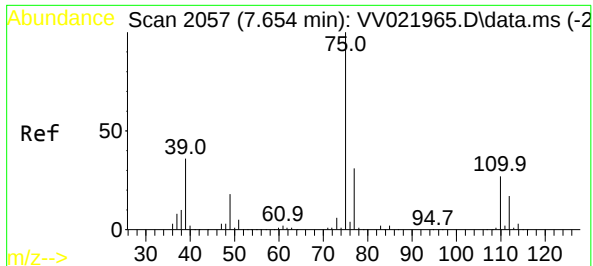
Tgt Ion: 64 Resp: 39550
Ion Ratio Lower Upper
64 100
66 4.9 22.7 42.3#



#39
cis-1,3-Dichloropropene
Concen: 0.855 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV021982.D
Acq: 27 Aug 2021 17:41

Tgt Ion: 75 Resp: 3561
Ion Ratio Lower Upper
75 100
77 60.2 22.7 42.1#

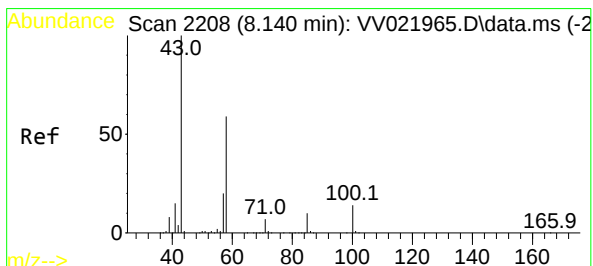
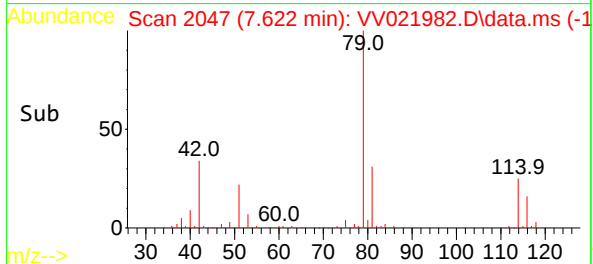
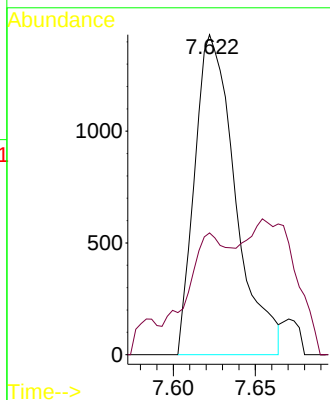
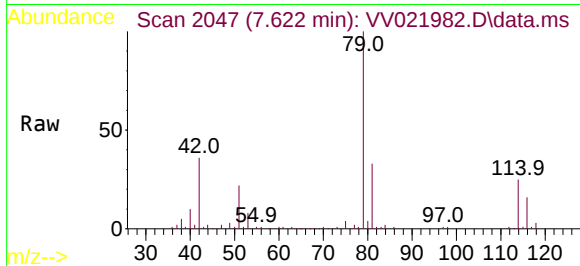




#44
trans-1,3-Dichloropropene
Concen: 0.634 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.032 min
Lab File: VV021982.D
Acq: 27 Aug 2021 17:41

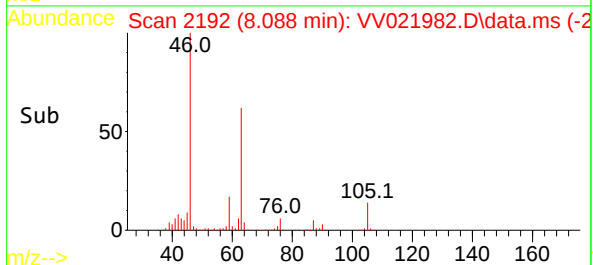
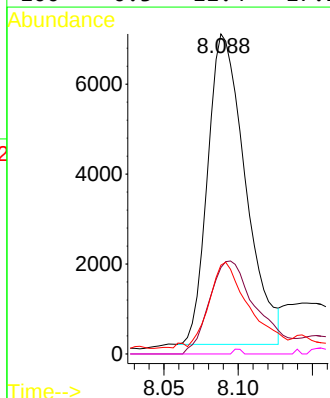
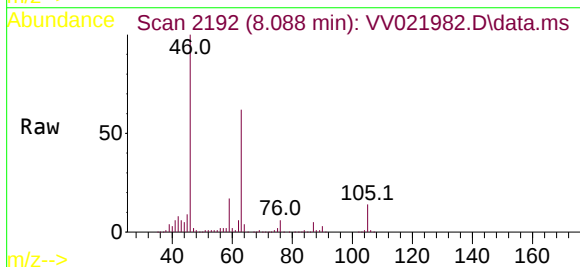
Instrument :
MSVOA_V
ClientSampled :

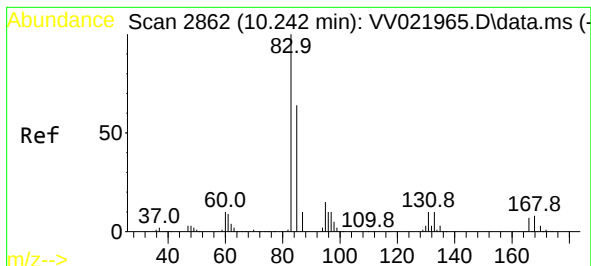
Tgt Ion: 75 Resp: 2458
Ion Ratio Lower Upper
75 100
77 38.1 21.8 40.6



#48
2-Hexanone
Concen: 4.294 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV021982.D
Acq: 27 Aug 2021 17:41

Tgt Ion: 43 Resp: 12188
Ion Ratio Lower Upper
43 100
58 38.2 47.5 71.3#
57 27.8 15.9 23.9#
100 0.3 11.4 17.2#



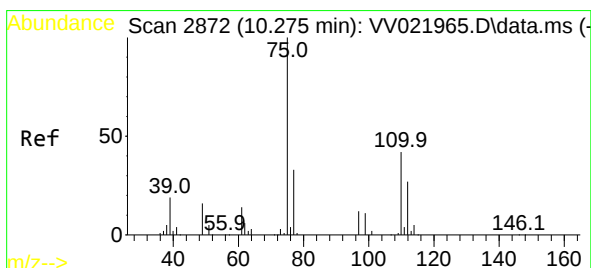
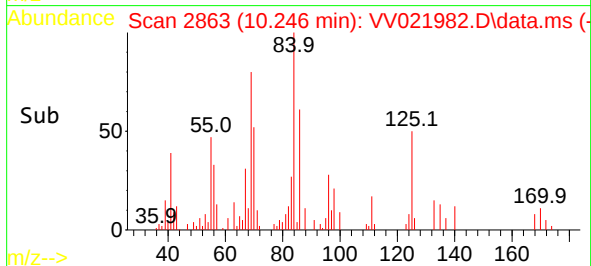
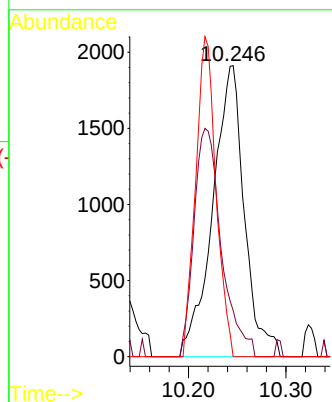
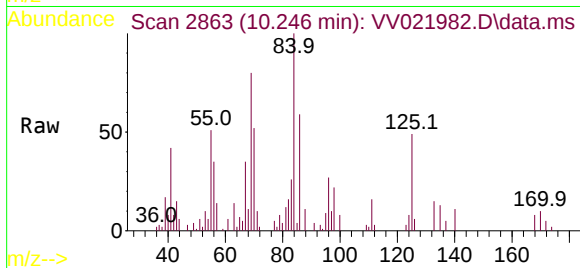


#57

1,1,2,2-Tetrachloroethane
Concen: 1.083 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV021982.D
Acq: 27 Aug 2021 17:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 83 Resp: 4309
Ion Ratio Lower Upper
83 100
85 15.9 44.7 83.1#
131 0.0 8.2 12.2#



#61

1,2,3-Trichloropropane
Concen: 6.167 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.978 min
Lab File: VV021982.D
Acq: 27 Aug 2021 17:41

Tgt Ion: 75 Resp: 19600
Ion Ratio Lower Upper
75 100
77 34.8 26.2 39.2
110 3.4 33.8 50.6#

