

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022461.D
 Acq On : 01 Oct 2021 03:18
 Operator : SY/MD
 Sample : M3996-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A31

Quant Time: Oct 01 04:48:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

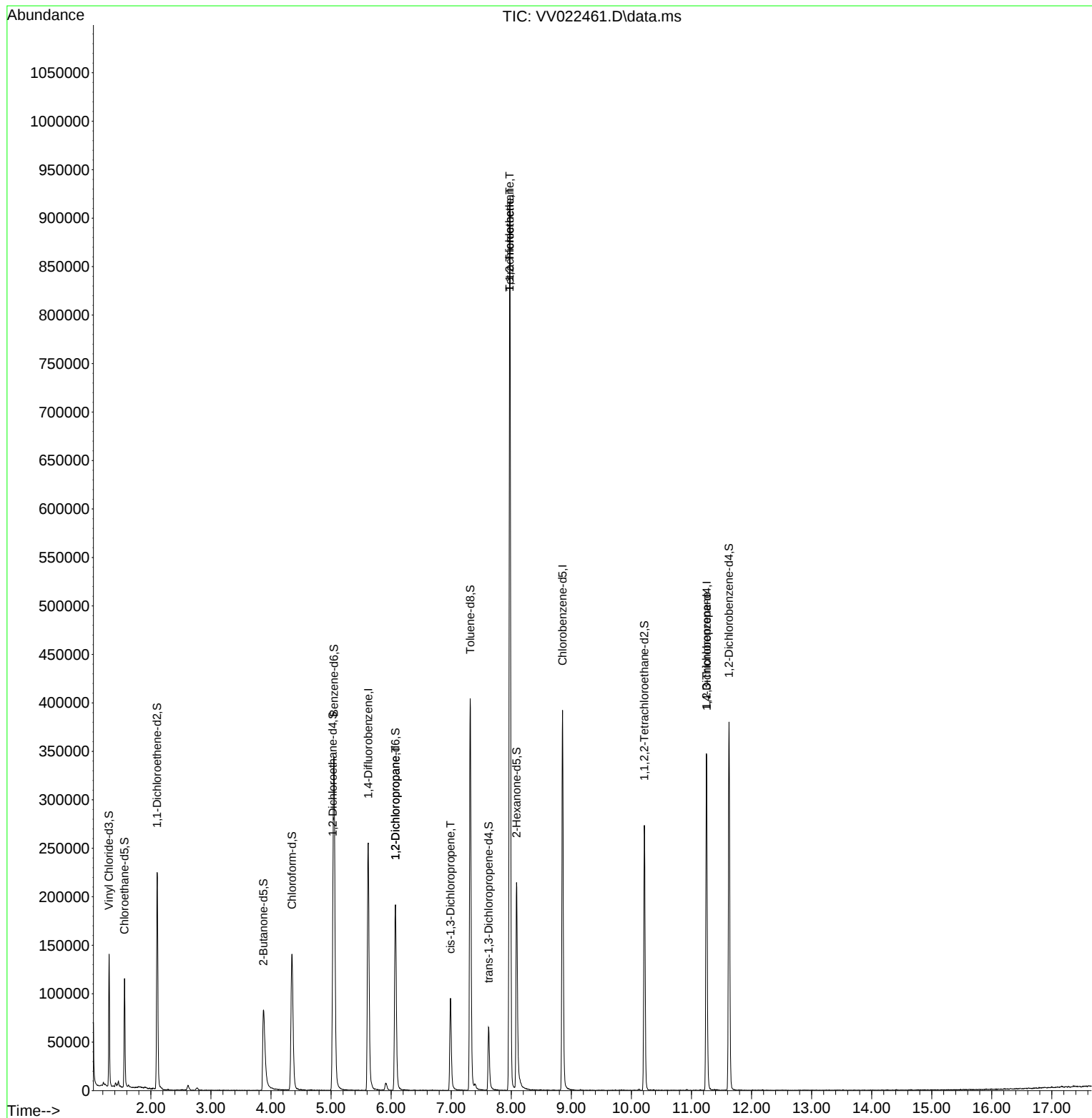
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	230181	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	223742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	96822	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85517	43.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.560%
7) Chloroethane-d5	1.561	69	69858	45.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.420%
11) 1,1-Dichloroethene-d2	2.105	63	114525	33.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.440%
21) 2-Butanone-d5	3.873	46	113800	82.547	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.550%
24) Chloroform-d	4.349	84	149840	42.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.960%
26) 1,2-Dichloroethane-d4	5.030	65	91054	42.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.180%
32) Benzene-d6	5.050	84	306835	43.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
36) 1,2-Dichloropropane-d6	6.072	67	95997	42.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.260%
41) Toluene-d8	7.317	98	265946	41.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	7.625	79	37705	36.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.340%
47) 2-Hexanone-d5	8.088	63	73397	80.216	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	128990	39.461	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.920%
66) 1,2-Dichlorobenzene-d4	11.625	152	102484	47.601	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.072	63	10097	5.762	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	2379	0.922	ug/L #	76
45) 1,1,2-Trichloroethane	7.976	97	1630	0.914	ug/L #	1
46) Tetrachloroethene	7.976	164	209880	145.164	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	10669	5.906	ug/L #	66

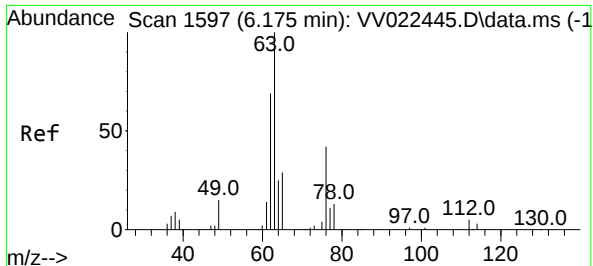
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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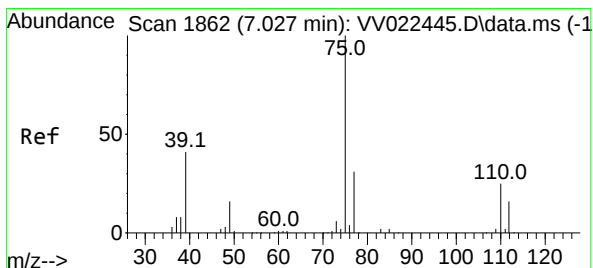
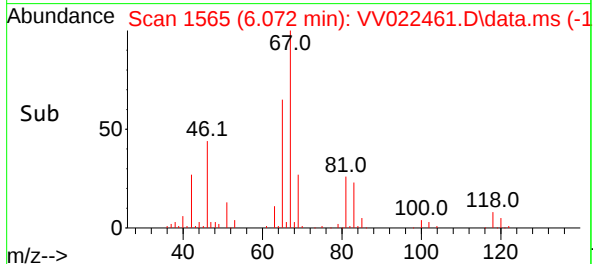
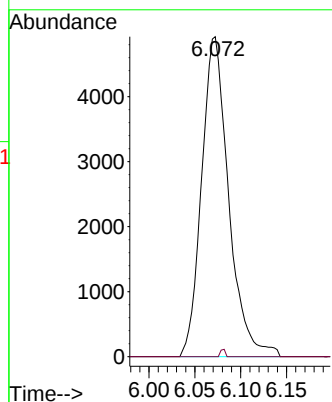
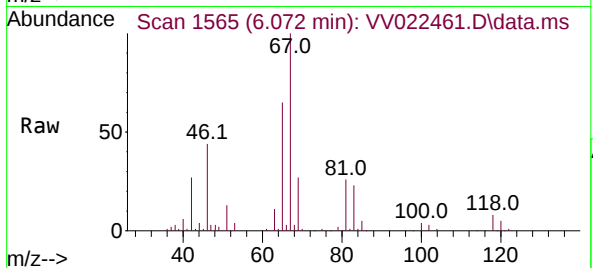


#37

1,2-Dichloropropane
Concen: 5.762 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022461.D
Acq: 01 Oct 2021 03:18

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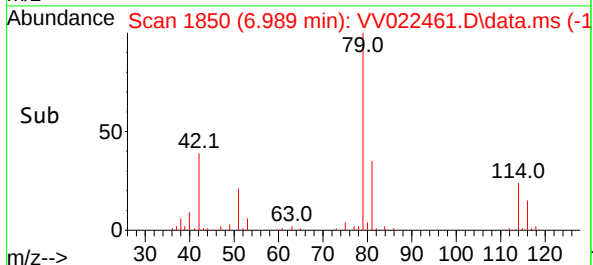
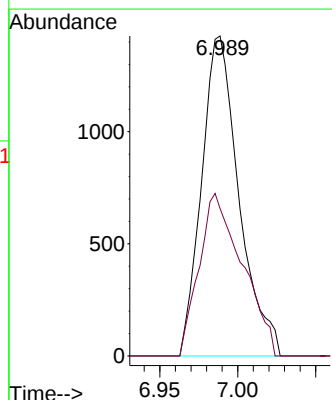
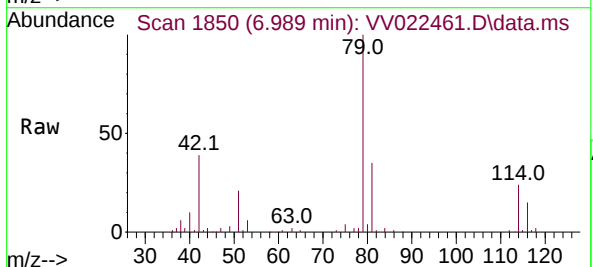
Tgt Ion: 63 Resp: 10097
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#

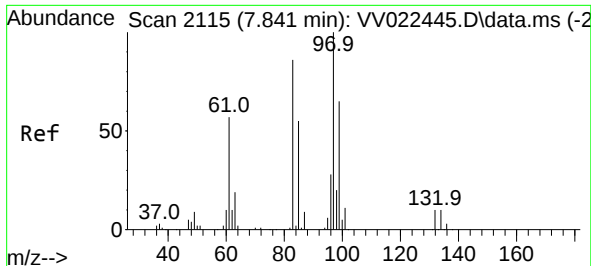


#39

cis-1,3-Dichloropropene
Concen: 0.922 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022461.D
Acq: 01 Oct 2021 03:18

Tgt Ion: 75 Resp: 2379
Ion Ratio Lower Upper
75 100
77 46.1 22.7 42.1#





#45

1,1,2-Trichloroethane

Concen: 0.914 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.135 min

Lab File: VV022461.D

Acq: 01 Oct 2021 03:18

Tgt Ion: 97 Resp: 1630

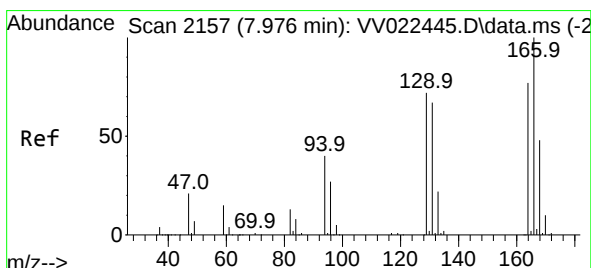
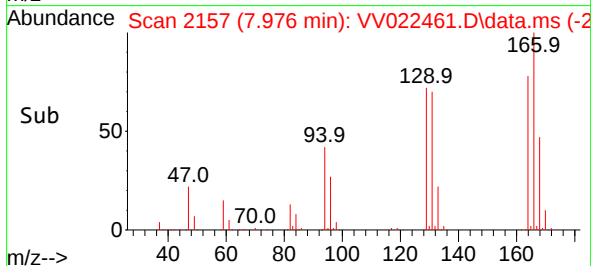
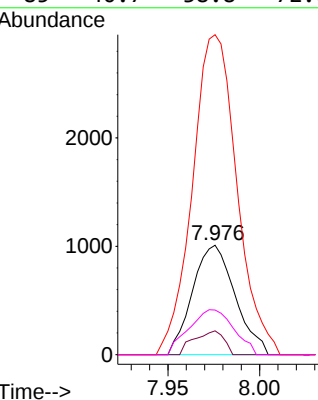
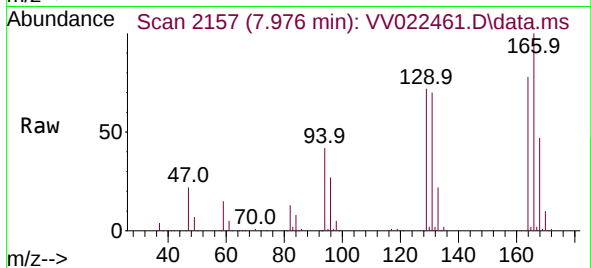
Ion Ratio Lower Upper

97 100

99 21.7 44.6 82.8#

83 292.7 59.8 111.1#

85 40.7 38.8 72.0



#46

Tetrachloroethene

Concen: 145.164 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022461.D

Acq: 01 Oct 2021 03:18

Tgt Ion:164 Resp: 209880

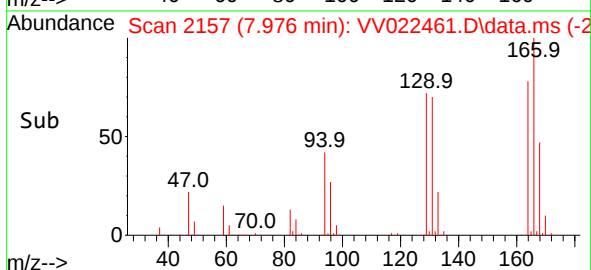
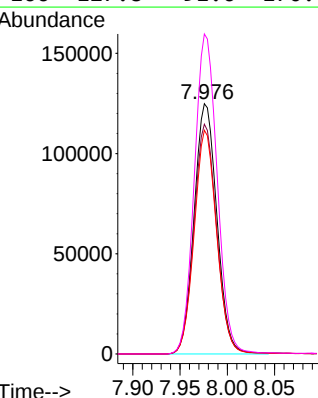
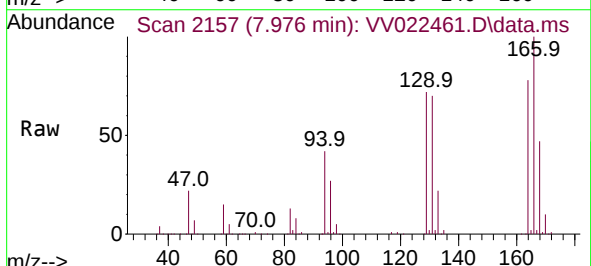
Ion Ratio Lower Upper

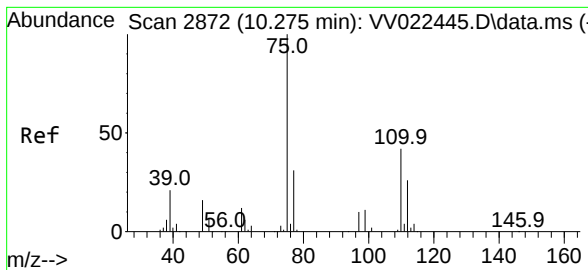
164 100

129 91.8 66.4 123.4

131 89.3 63.6 118.0

166 127.8 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 5.906 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022461.D
 Acq: 01 Oct 2021 03:18

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Tgt Ion:	75	Resp:	10669
Ion Ratio	Lower	Upper	
75	100		
77	32.5	25.4	38.0
110	3.8	32.6	48.8#

