

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022090.D
 Acq On : 02 Sep 2021 21:49
 Operator : SY/MD
 Sample : M3647-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 01:04:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

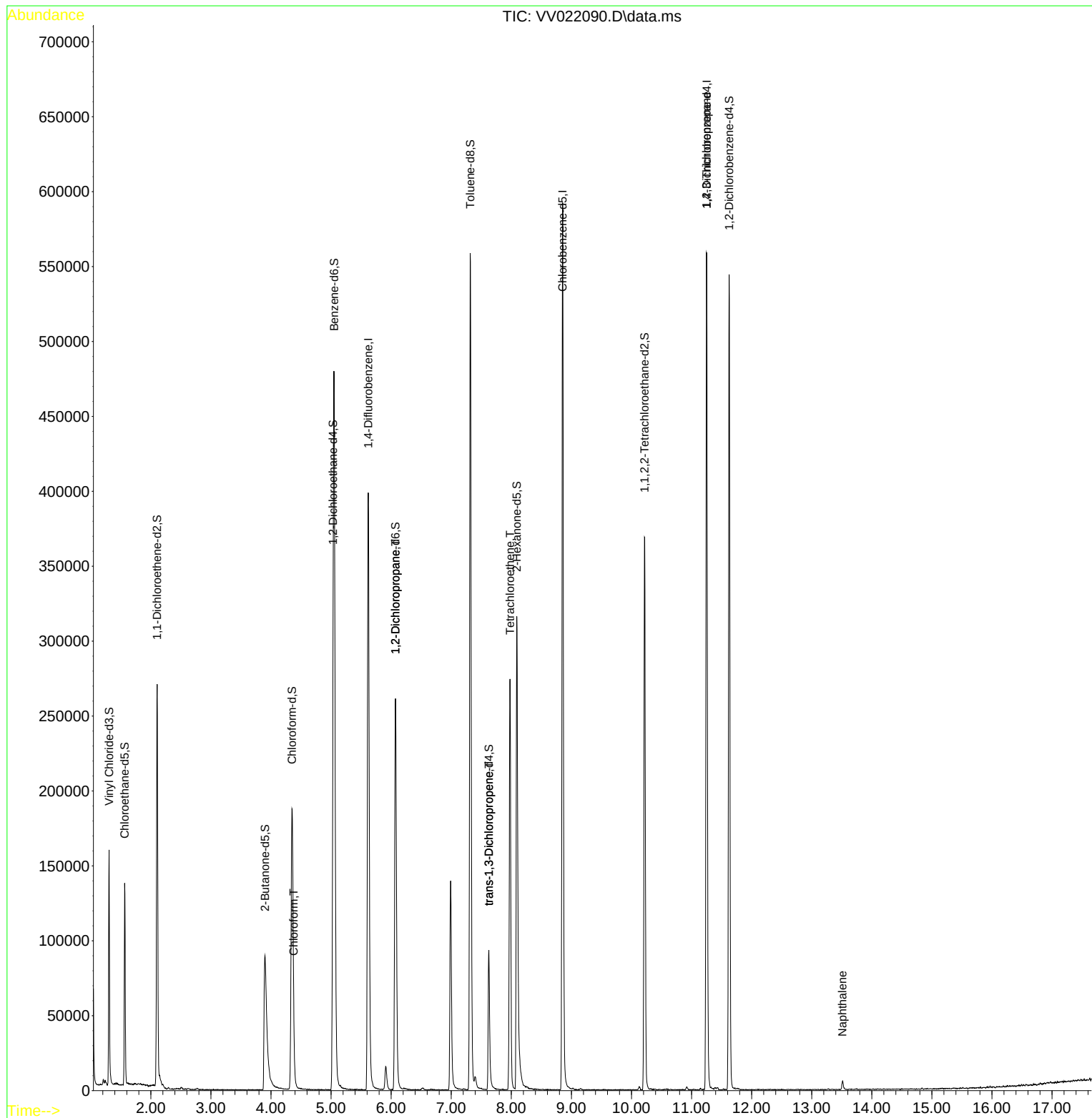
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	365780	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	338187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	154813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97840	38.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.240%		
7) Chloroethane-d5	1.564	69	82644	41.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.560%		
11) 1,1-Dichloroethene-d2	2.104	63	137746	32.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.760%		
21) 2-Butanone-d5	3.899	46	182446	105.022	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.020%		
24) Chloroform-d	4.349	84	199574	43.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.420%		
26) 1,2-Dichloroethane-d4	5.034	65	125268	46.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
32) Benzene-d6	5.050	84	421095	45.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
36) 1,2-Dichloropropane-d6	6.072	67	133439	46.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.520%		
41) Toluene-d8	7.316	98	377133	43.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	7.625	79	55870	40.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.380%		
47) 2-Hexanone-d5	8.091	63	116566	105.313	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.310%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	178328	48.268	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.540%		
66) 1,2-Dichlorobenzene-d4	11.625	152	144712	47.549	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.100%		
Target Compounds						Qvalue
25) Chloroform	4.378	83	4652	0.967	ug/L	92
37) 1,2-Dichloropropane	6.072	63	14016	5.495	ug/L #	86
44) trans-1,3-Dichloropropene	7.625	75	2218	0.605	ug/L #	61
46) Tetrachloroethene	7.979	164	64204	29.626	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	16633	6.199	ug/L #	64
71) Naphthalene	13.512	128	5778	0.618	ug/L	97

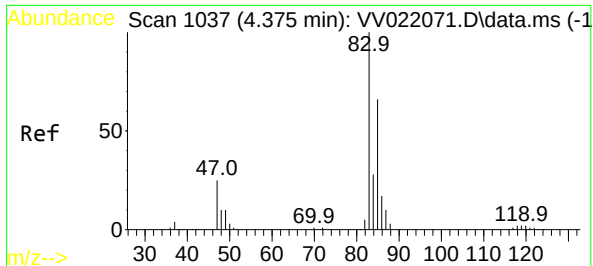
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.967 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

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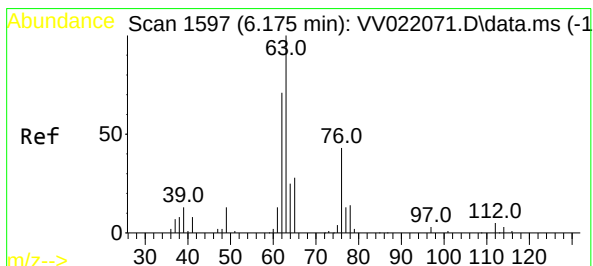
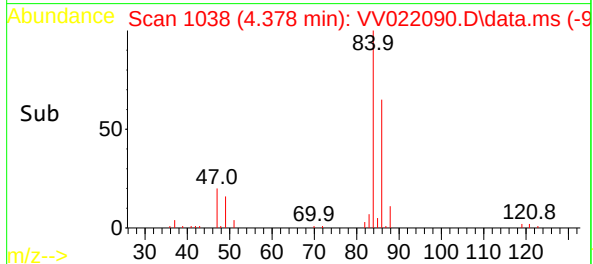
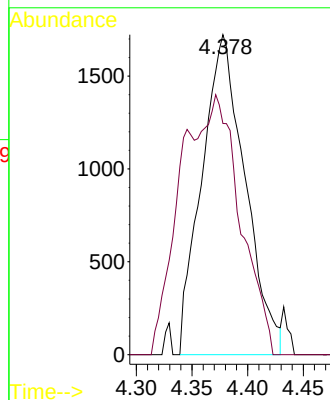
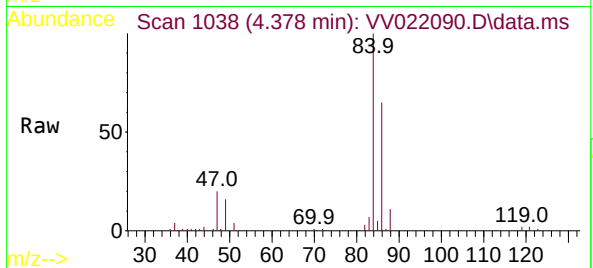
Acq: 02 Sep 2021 21:49

Tgt Ion: 83 Resp: 4652

Ion Ratio Lower Upper

83 100

85 72.3 46.3 85.9



#37

1,2-Dichloropropane

Concen: 5.495 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV022090.D

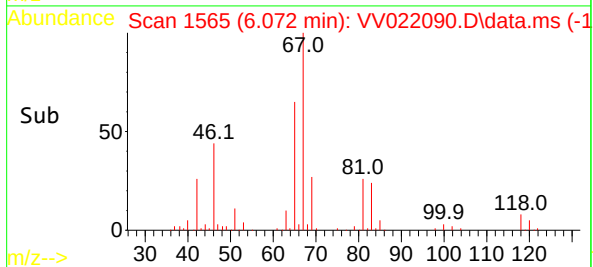
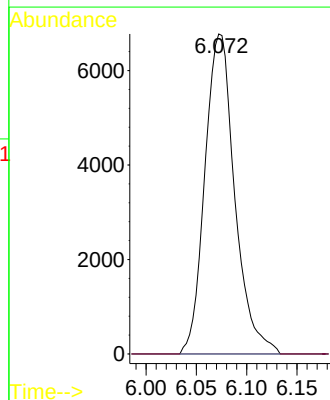
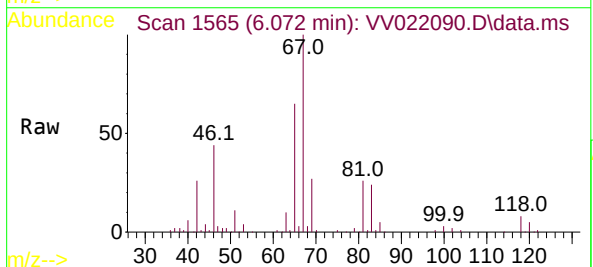
Acq: 02 Sep 2021 21:49

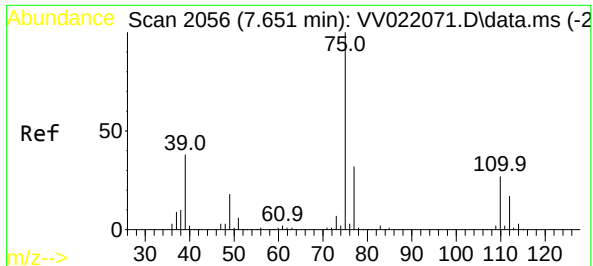
Tgt Ion: 63 Resp: 14016

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

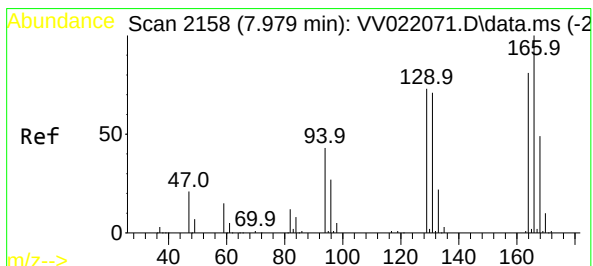
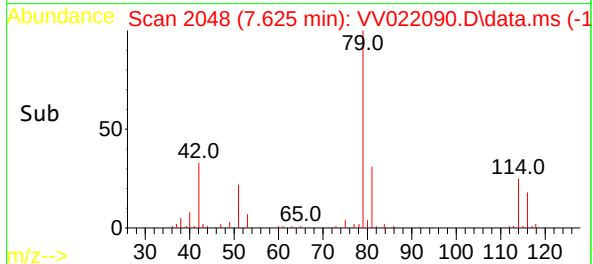
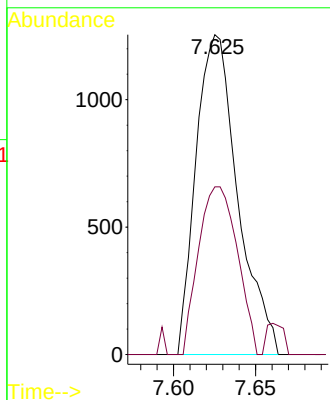
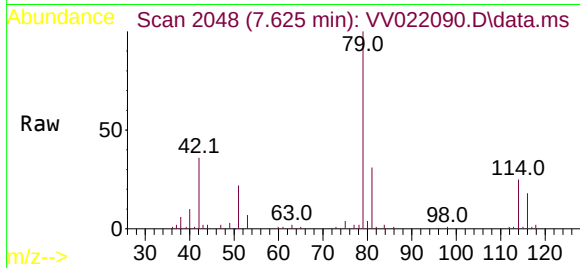




#44
trans-1,3-Dichloropropene
Concen: 0.605 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022090.D
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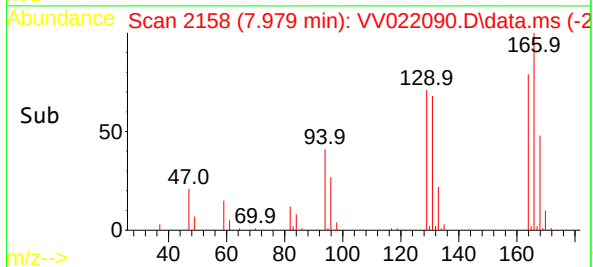
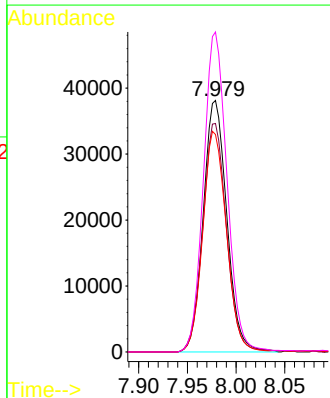
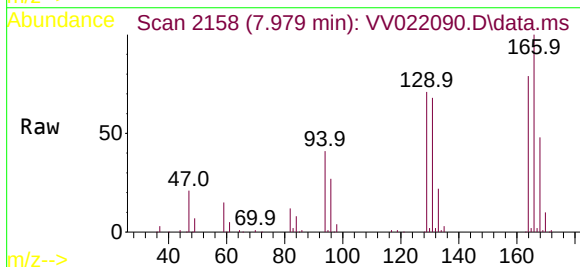
Instrument :
MSVOA_V
ClientSampled :

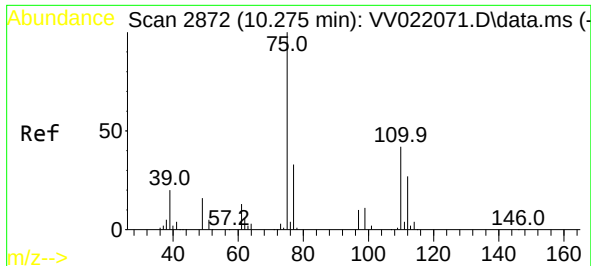
Tgt Ion: 75 Resp: 2218
Ion Ratio Lower Upper
75 100
77 52.4 21.8 40.6#



#46
Tetrachloroethene
Concen: 29.626 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV022090.D
Acq: 02 Sep 2021 21:49

Tgt Ion: 164 Resp: 64204
Ion Ratio Lower Upper
164 100
129 90.9 62.9 116.9
131 86.5 61.0 113.4
166 127.2 90.6 168.3

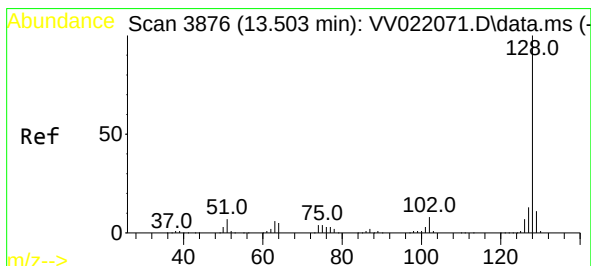
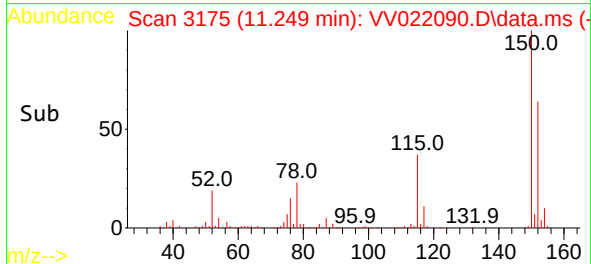
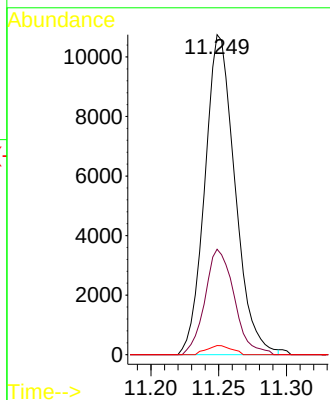
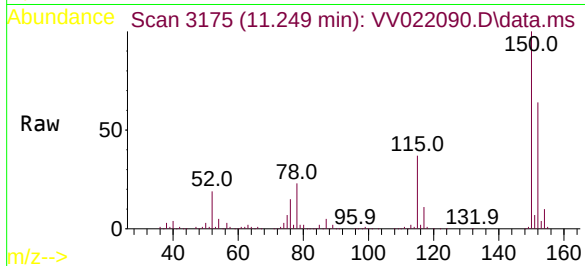




#61
1,2,3-Trichloropropane
Concen: 6.199 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022090.D
Acq: 02 Sep 2021 21:49

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 16633
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 2.4 33.8 50.6#



#71
Naphthalene
Concen: 0.618 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022090.D
Acq: 02 Sep 2021 21:49

Tgt Ion: 128 Resp: 5778
Ion Ratio Lower Upper
128 100
127 11.0 10.1 15.1
129 10.3 8.7 13.1

