

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026954.D
 Acq On : 26 Jul 2022 16:20
 Operator : SY/MD
 Sample : N3766-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jul 27 01:42:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

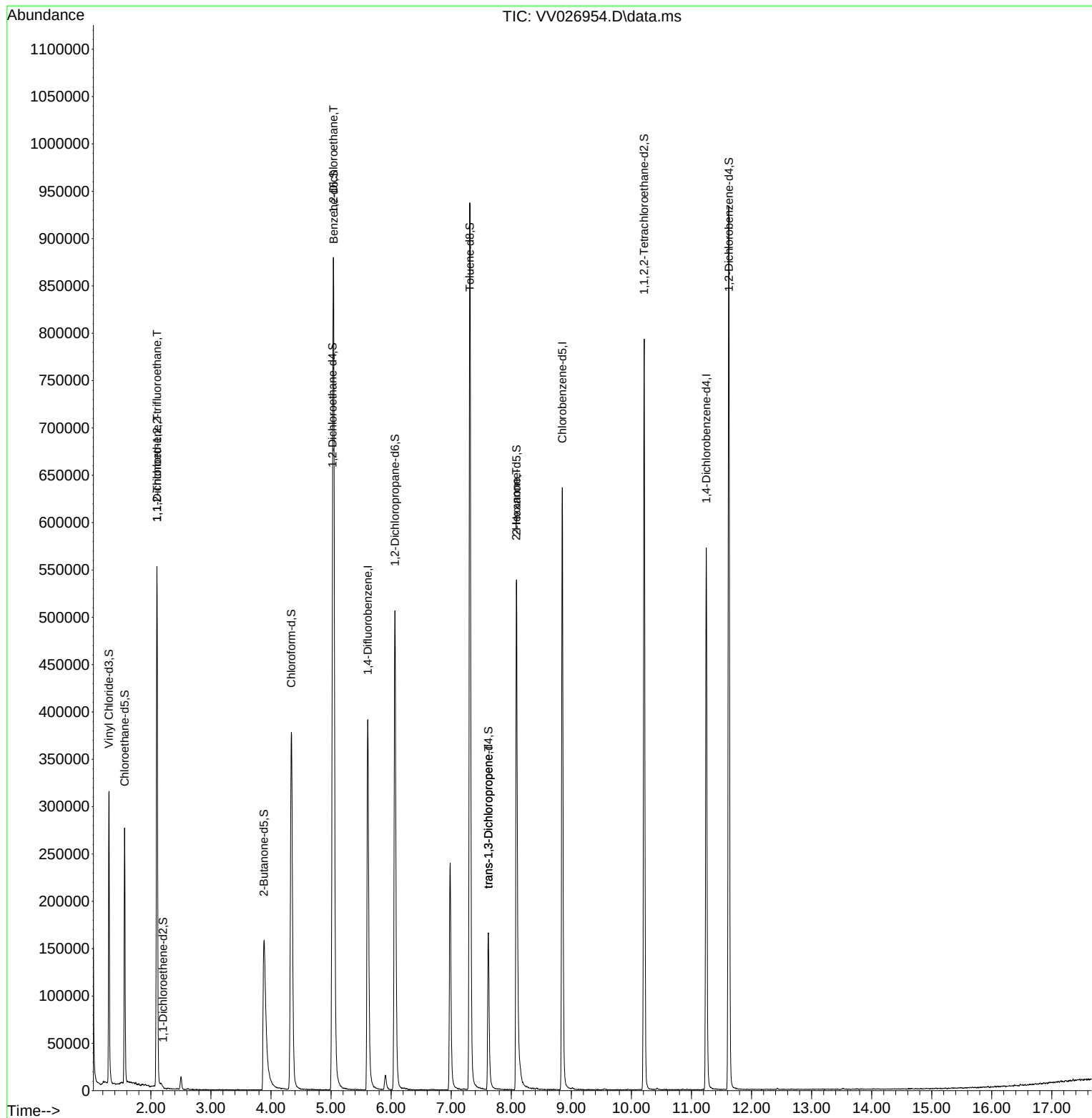
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	361431	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	369713	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	156403	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	206136	68.001	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 136.000%#		
7) Chloroethane-d5	1.564	69	179952	73.379	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 146.760%#		
11) 1,1-Dichloroethene-d2	2.201	63	351	0.064	ug/L	0.11
Spiked Amount 50.000	Range 60	- 125	Recovery	= 0.120%#		
21) 2-Butanone-d5	3.883	46	298922	146.296	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 146.300%#		
24) Chloroform-d	4.339	84	416846	69.872	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 139.740%#		
26) 1,2-Dichloroethane-d4	5.024	65	246824	72.328	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 144.660%#		
32) Benzene-d6	5.043	84	817252	73.128	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 146.260%#		
36) 1,2-Dichloropropane-d6	6.063	67	262269	72.822	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 145.640%#		
41) Toluene-d8	7.310	98	654898	66.975	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 133.960%#		
43) trans-1,3-Dichloroprop...	7.619	79	104223	69.064	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 138.120%#		
47) 2-Hexanone-d5	8.088	63	198224	126.406	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 126.410%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	382497	69.912	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 139.820%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	248733	84.770	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 169.540%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2455	0.821	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	2799	1.002	ug/L #	1
27) 1,2-Dichloroethane	5.040	62	3834	0.937	ug/L	97
44) trans-1,3-Dichloropropene	7.619	75	4434	1.047	ug/L	91
48) 2-Hexanone	8.085	43	21297	7.431	ug/L #	68

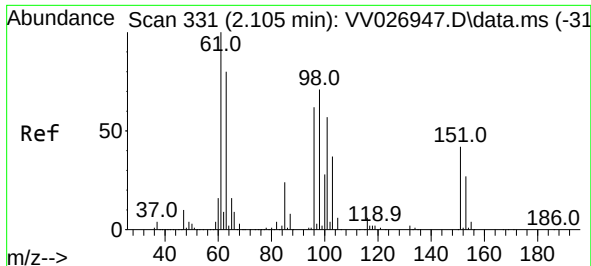
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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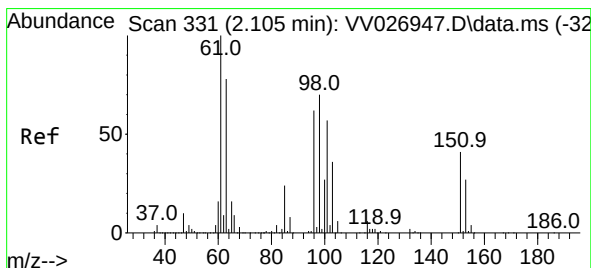
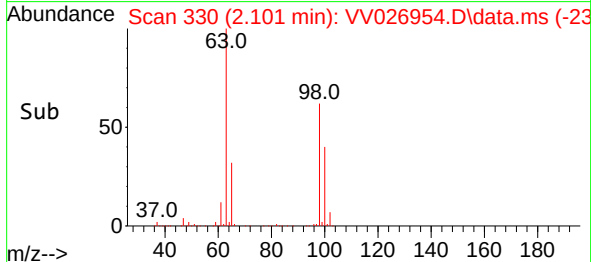
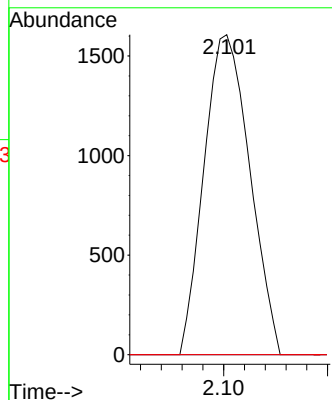
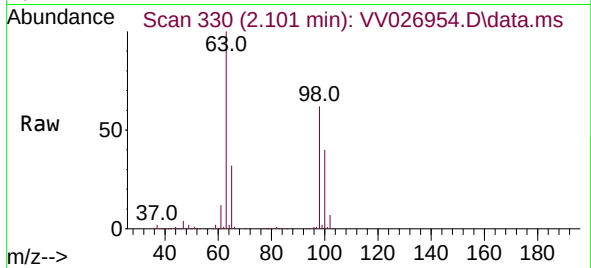




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.821 ug/L
 RT: 2.101 min Scan# 331
 Delta R.T. -0.003 min
 Lab File: VV026954.D
 Acq: 26 Jul 2022 16:20

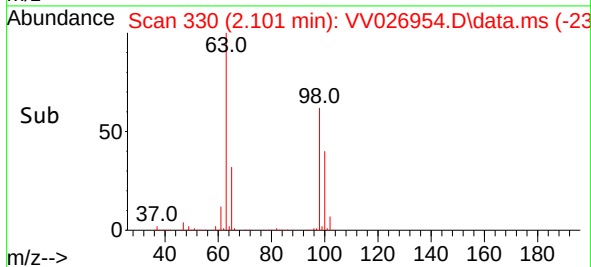
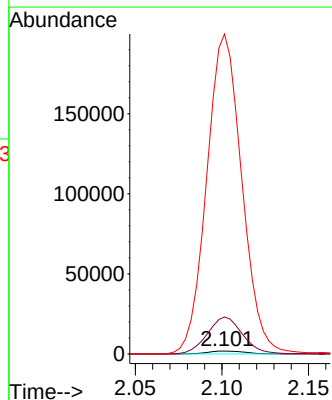
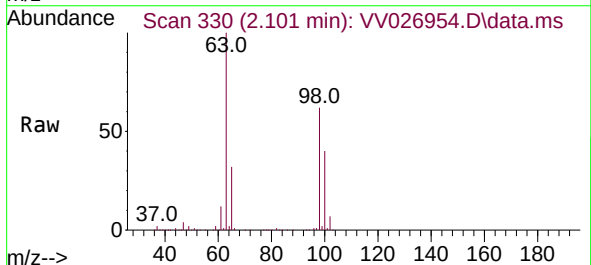
Instrument :
 MSVOA_V
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 VHBLK001

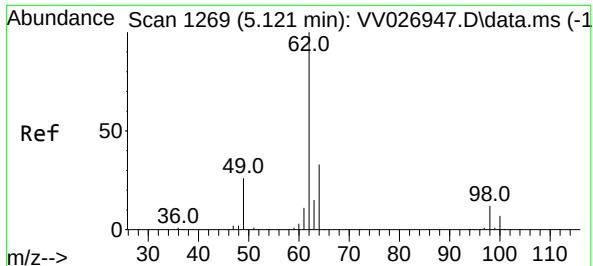
Tgt Ion:101 Resp: 2455
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.1 49.7#
 151 0.0 57.1 85.7#



#12
 1,1-Dichloroethene
 Concen: 1.002 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.003 min
 Lab File: VV026954.D
 Acq: 26 Jul 2022 16:20

Tgt Ion: 96 Resp: 2799
 Ion Ratio Lower Upper
 96 100
 61 1259.0 114.2 212.0#
 63 10876.9 87.0 161.6#





#27

1,2-Dichloroethane

Concen: 0.937 ug/L

RT: 5.040 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV026954.D

Acq: 26 Jul 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

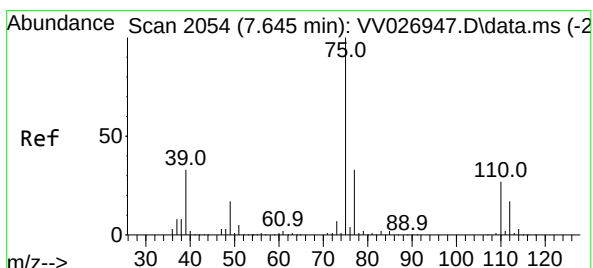
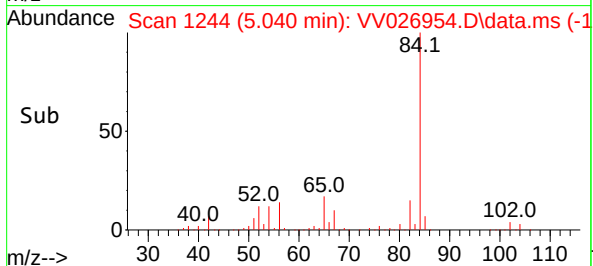
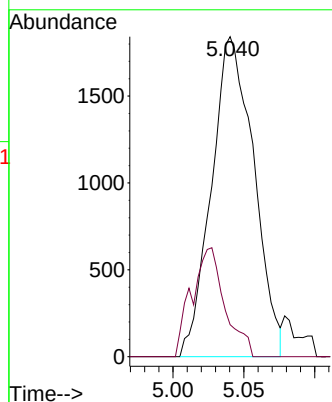
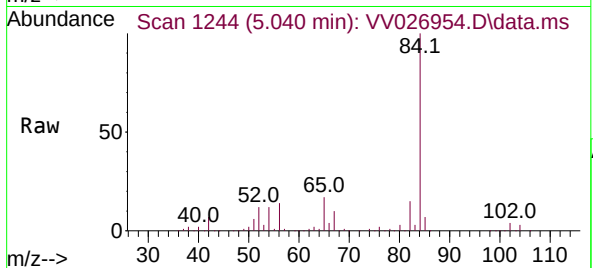
VHBLK001

Tgt Ion: 62 Resp: 3834

Ion Ratio Lower Upper

62 100

98 10.0 8.9 13.3



#44

trans-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV026954.D

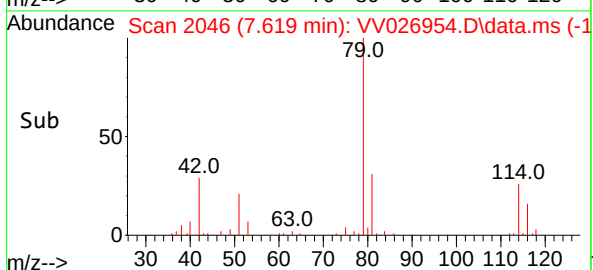
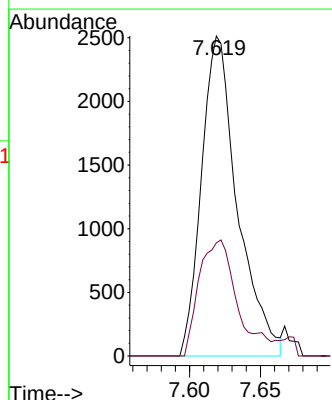
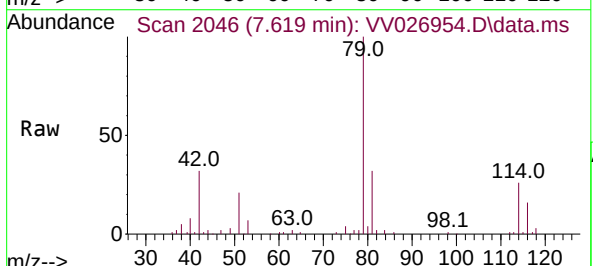
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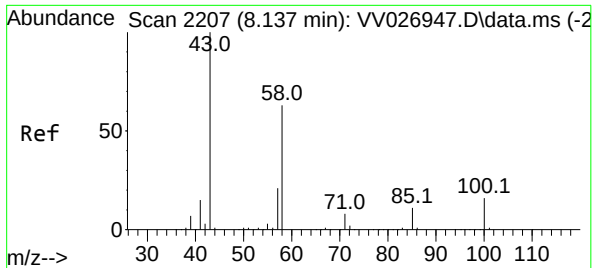
Tgt Ion: 75 Resp: 4434

Ion Ratio Lower Upper

75 100

77 35.4 21.3 39.6





#48
 2-Hexanone
 Concen: 7.431 ug/L
 RT: 8.085 min Scan# 21
 Delta R.T. -0.052 min
 Lab File: VV026954.D
 Acq: 26 Jul 2022 16:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Tgt Ion: 43	Resp: 21297
Ion Ratio	Lower Upper
43 100	
58 37.2	48.8 73.2#
57 40.5	16.6 24.8#
100 5.1	11.6 17.4#

