

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052223\
 Data File : VV031152.D
 Acq On : 22 May 2023 09:47
 Operator : SY/MD
 Sample : VV0522WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK341

Quant Time: May 23 04:48:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 23 04:42:12 2023
 Response via : Initial Calibration

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

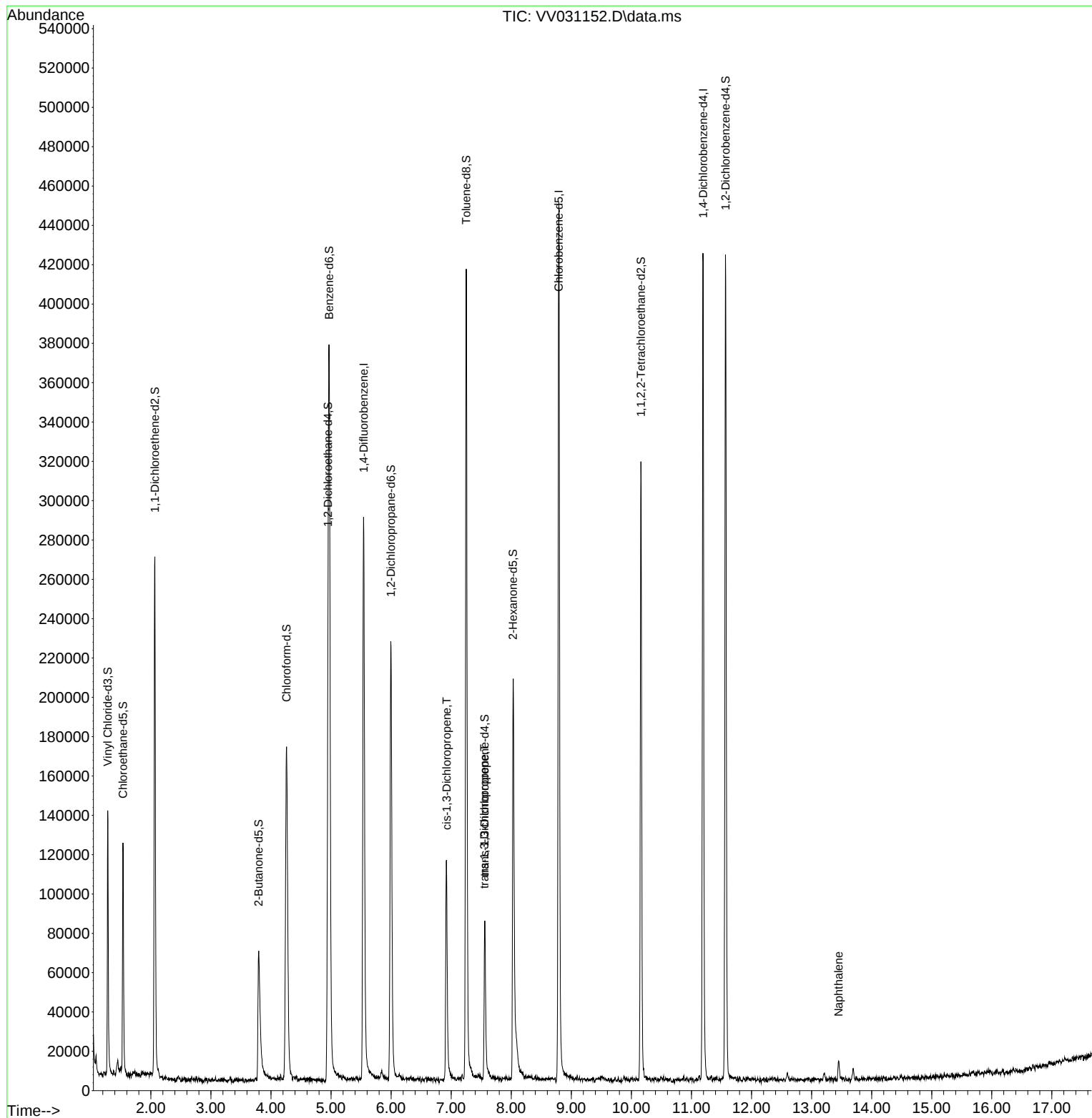
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	243399	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	238323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	113401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	91253	43.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.740%
7) Chloroethane-d5	1.535	69	72757	45.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.066	65	43891	44.996	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.000%
21) 2-Butanone-d5	3.796	46	108963	98.307	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.310%
24) Chloroform-d	4.259	84	174330	47.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
26) 1,2-Dichloroethane-d4	4.950	65	123023	49.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
32) Benzene-d6	4.969	84	310226	48.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	5.995	67	92242	47.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	7.249	98	266858	44.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	7.558	79	42889	44.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
47) 2-Hexanone-d5	8.030	63	66780	88.601	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.600%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	132624	45.742	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.480%
66) 1,2-Dichlorobenzene-d4	11.567	152	106416	52.221	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.440%
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.924	75	3192	1.317	ug/L	86
44) trans-1,3-Dichloropropene	7.554	75	2779	1.134	ug/L	96
71) Naphthalene	13.451	128	7751	1.460	ug/L #	95

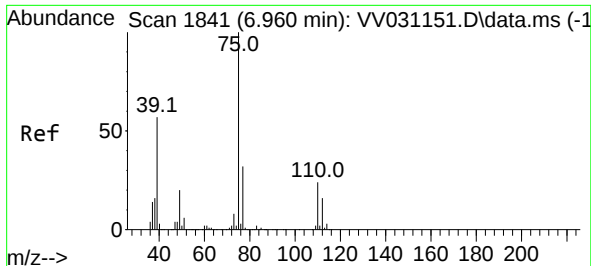
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.317 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

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MSVOA_V

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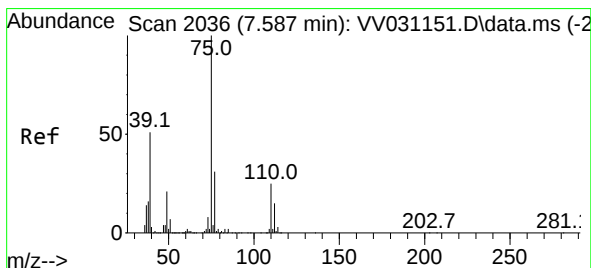
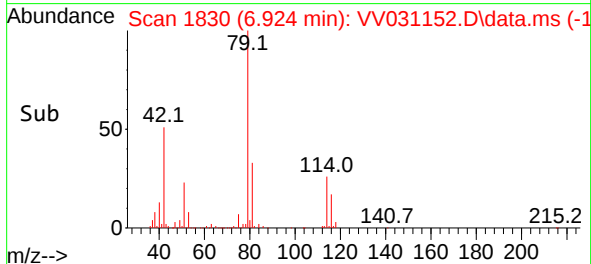
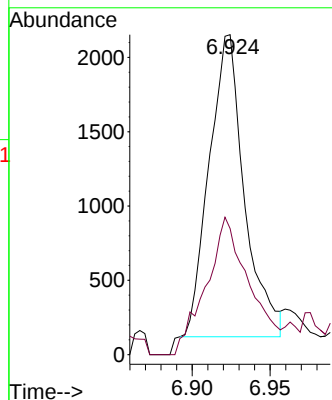
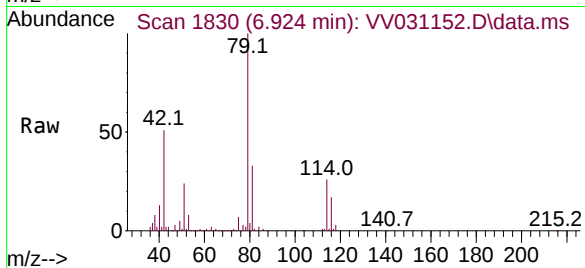
VBLK341

Tgt Ion: 75 Resp: 3192

Ion Ratio Lower Upper

75 100

77 39.4 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 1.134 ug/L

RT: 7.554 min Scan# 2026

Delta R.T. -0.032 min

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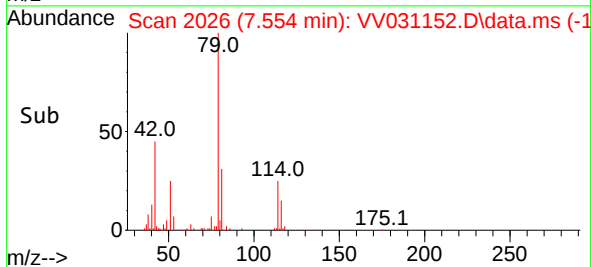
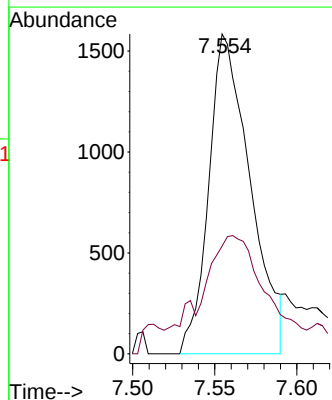
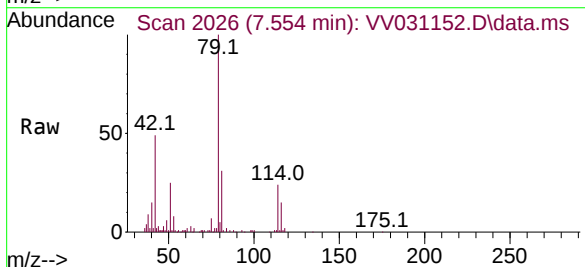
Acq: 22 May 2023 09:47

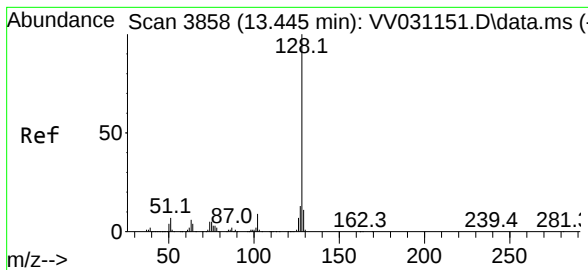
Tgt Ion: 75 Resp: 2779

Ion Ratio Lower Upper

75 100

77 33.7 22.2 41.2





#71

Naphthalene

Concen: 1.460 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.006 min

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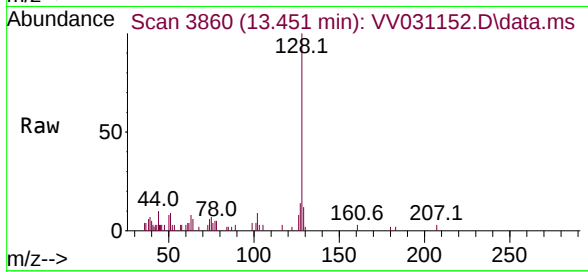
Acq: 22 May 2023 09:47

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MSVOA_V

ClientSampleId :

VBLK341



Tgt Ion:128 Resp: 7751

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 14.7 8.8 13.2#

