

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121222\
 Data File : VV029615.D
 Acq On : 12 Dec 2022 23:17
 Operator : SY/MD
 Sample : VV1212WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK307

Quant Time: Dec 13 04:58:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

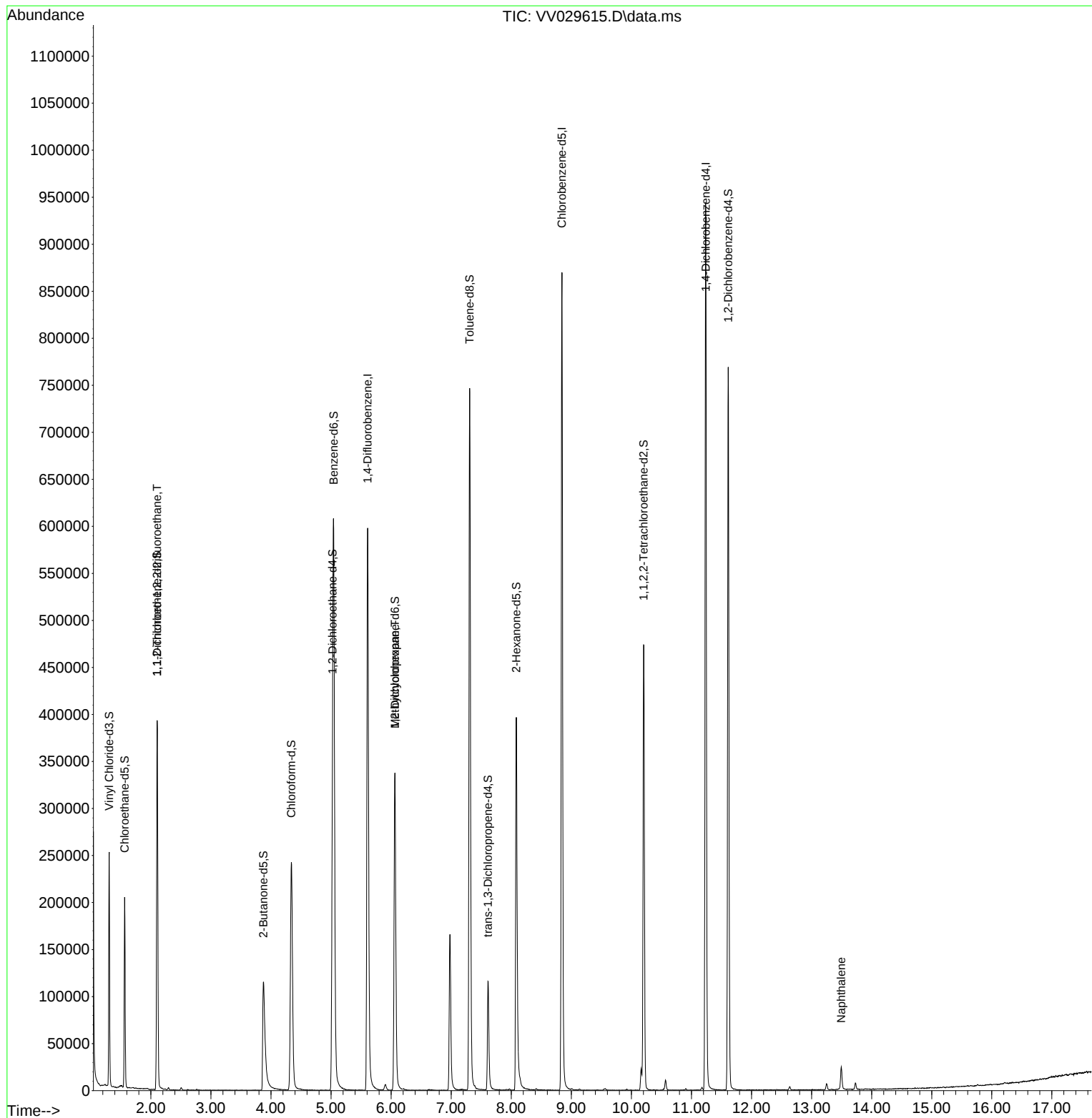
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	545382	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	503353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	259147	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	160197	47.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.940%		
7) Chloroethane-d5	1.564	69	126848	49.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.620%		
11) 1,1-Dichloroethene-d2	2.105	63	200421	38.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.960%		
21) 2-Butanone-d5	3.873	46	184435	90.529	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.530%		
24) Chloroform-d	4.339	84	267460	42.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.120%		
26) 1,2-Dichloroethane-d4	5.024	65	158803	44.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.480%		
32) Benzene-d6	5.043	84	589009	44.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.580%		
36) 1,2-Dichloropropane-d6	6.063	67	176127	43.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.700%		
41) Toluene-d8	7.307	98	528035	42.135	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.280%		
43) trans-1,3-Dichloroprop...	7.612	79	72306	35.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.500%		
47) 2-Hexanone-d5	8.085	63	153935	88.732	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.730%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	242180	41.716	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.440%		
66) 1,2-Dichlorobenzene-d4	11.612	152	208096	42.183	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.360%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2194	0.770	ug/L #	20
35) Methylcyclohexane	6.063	83	41846	6.930	ug/L #	21
71) Naphthalene	13.493	128	23293	1.951	ug/L	99

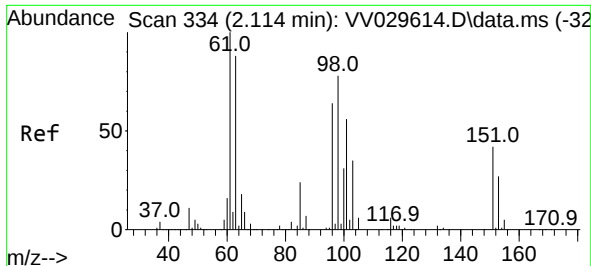
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.770 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

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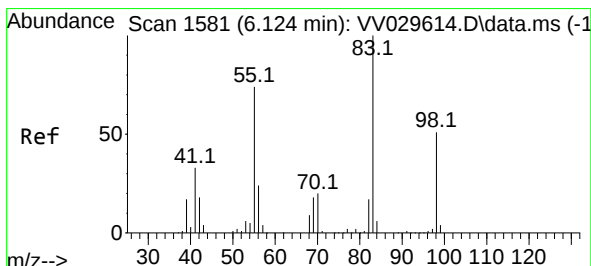
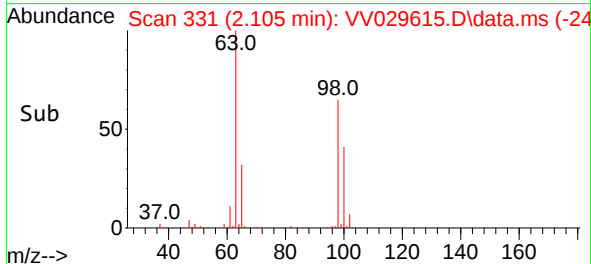
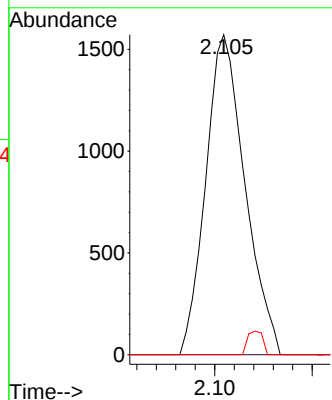
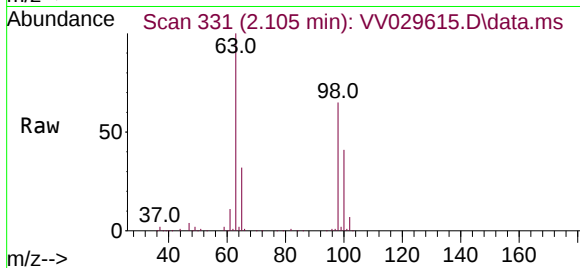
Tgt Ion:101 Resp: 2194

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 2.9 63.5 95.3#



#35

Methylcyclohexane

Concen: 6.930 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

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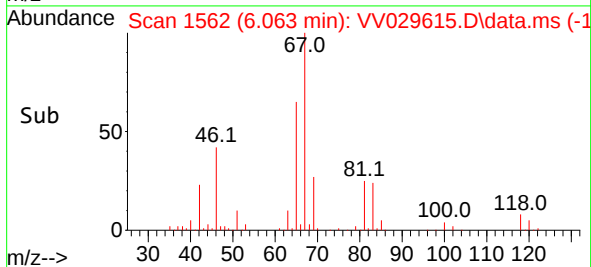
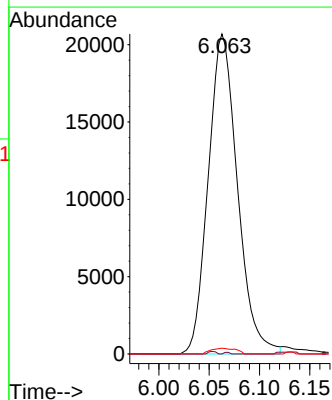
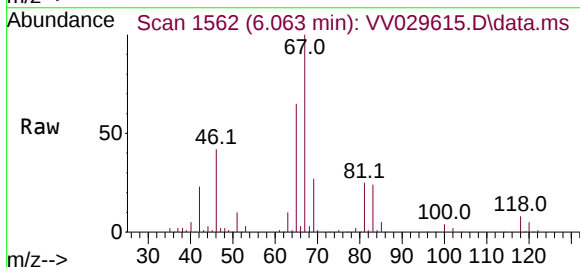
Tgt Ion: 83 Resp: 41846

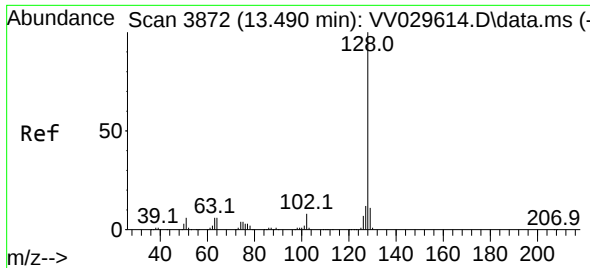
Ion Ratio Lower Upper

83 100

55 0.1 55.5 83.3#

98 1.2 39.8 59.8#





#71

Naphthalene

Concen: 1.951 ug/L

RT: 13.493 min Scan# 3872

Delta R.T. 0.003 min

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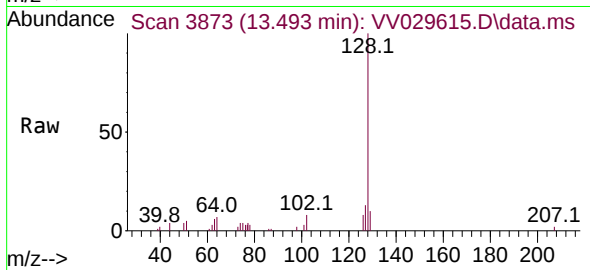
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Tgt Ion:128 Resp: 23293

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.8 8.5 12.7

