

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036218.D
 Acq On : 21 Jun 2024 20:41
 Operator : SY/MD
 Sample : VV0621SBL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 03:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

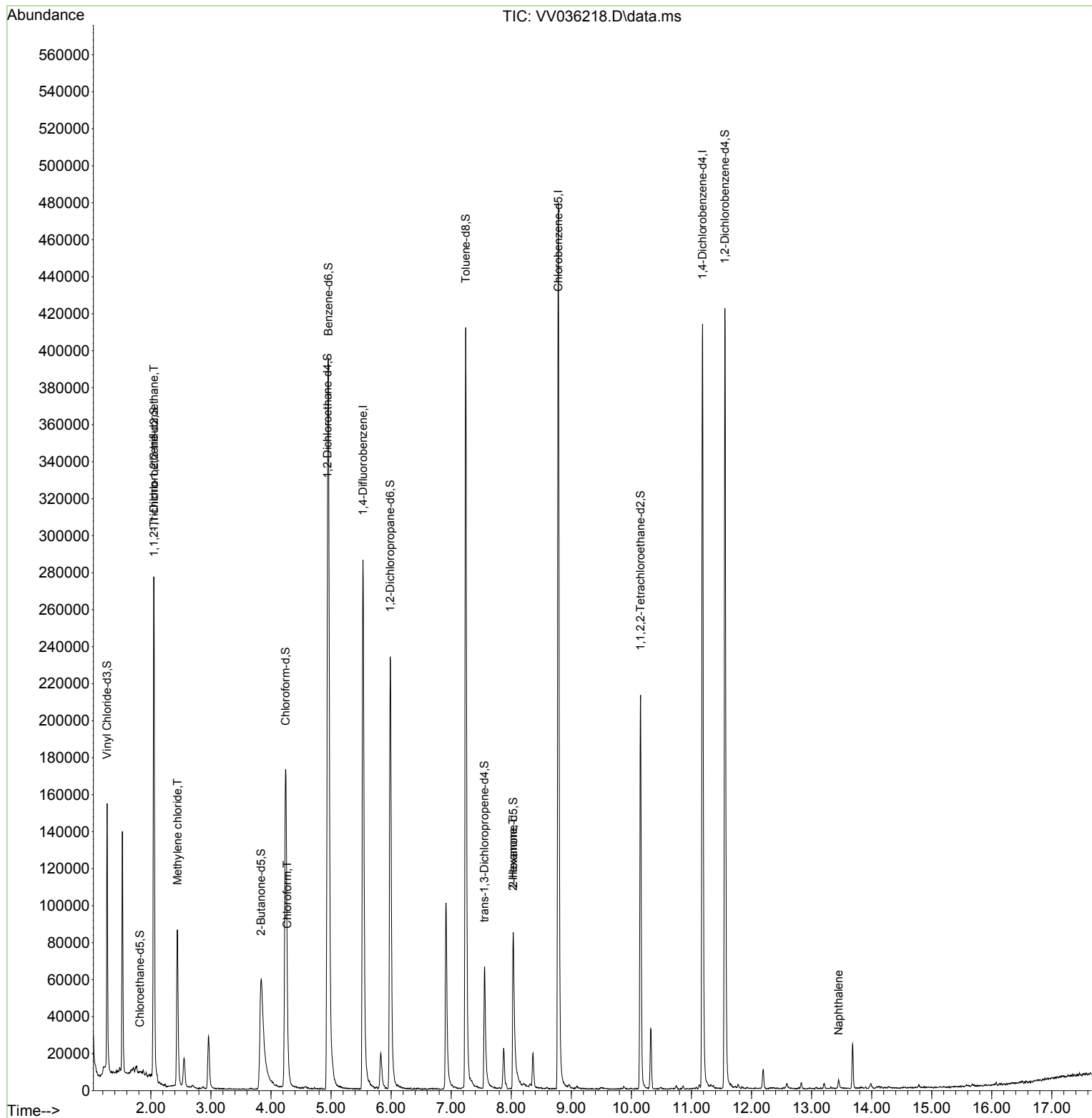
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	255210	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	267791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	93755	19.982	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.920%		
7) Chloroethane-d5	1.818	69	116	0.031	ug/L	0.29
Spiked Amount 25.000	Range 30 - 150		Recovery =	0.120%#		
11) 1,1-Dichloroethene-d2	2.050	65	46208	22.122	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.480%		
21) 2-Butanone-d5	3.834	46	50838	47.224	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.440%		
24) Chloroform-d	4.243	84	190833	23.520	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.080%		
26) 1,2-Dichloroethane-d4	4.941	65	109889	25.832	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.320%		
32) Benzene-d6	4.957	84	359729	22.599	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.400%		
36) 1,2-Dichloropropane-d6	5.985	67	119194	23.778	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.120%		
41) Toluene-d8	7.243	98	288774	20.560	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.240%		
43) trans-1,3-Dichloroprop...	7.555	79	43095	20.967	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.880%		
47) 2-Hexanone-d5	8.034	63	32529	47.896	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.800%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	105490	28.162	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.640%		
66) 1,2-Dichlorobenzene-d4	11.558	152	108704	26.580	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.320%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	1863	0.425	ug/L #	42
16) Methylene chloride	2.442	84	37372	6.471	ug/L	94
25) Chloroform	4.272	83	4964	0.584	ug/L	97
48) 2-Hexanone	8.030	43	4105	2.102	ug/L #	32
71) Naphthalene	13.451	128	4265	0.591	ug/L	95

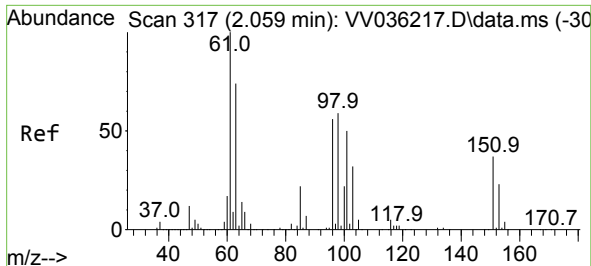
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.425 ug/L

RT: 2.053 min Scan# 317

Delta R.T. -0.006 min

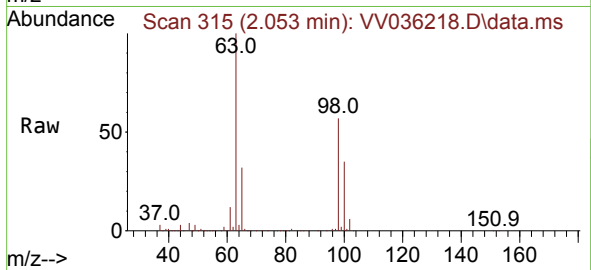
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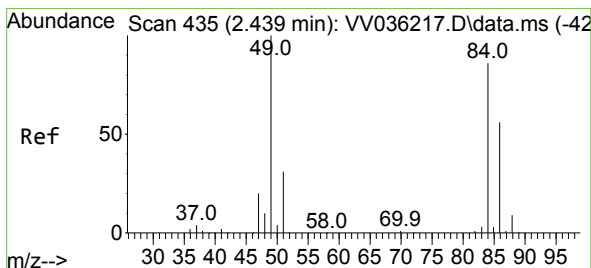
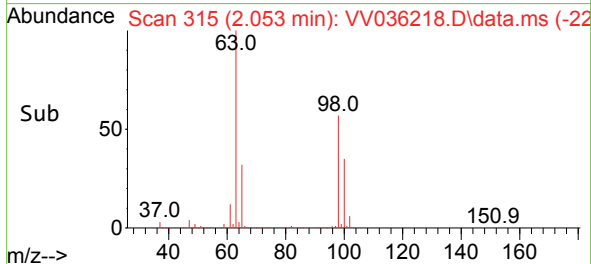
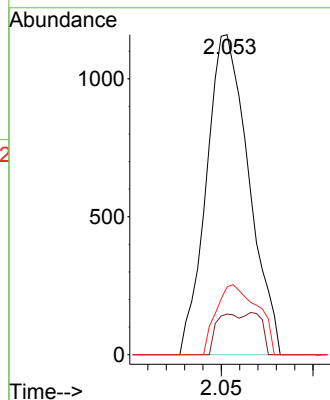
Tgt Ion:101 Resp: 1863

Ion Ratio Lower Upper

101 100

85 7.0 34.5 51.7#

151 21.3 56.3 84.5#



#16

Methylene chloride

Concen: 6.471 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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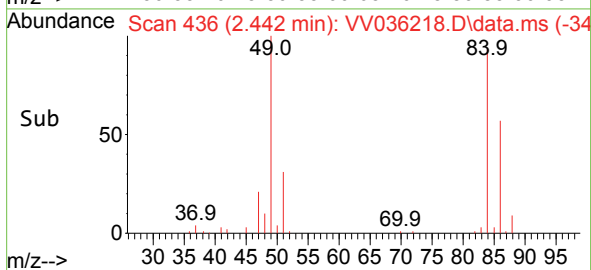
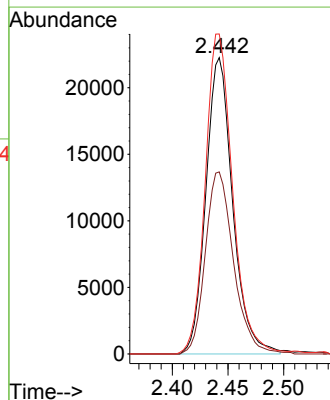
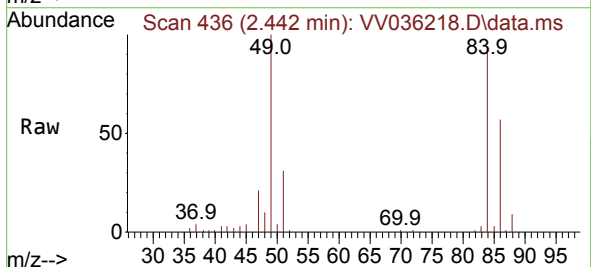
Tgt Ion: 84 Resp: 37372

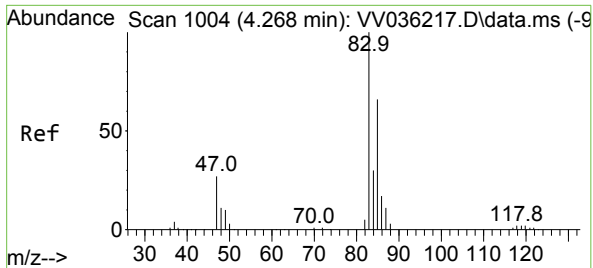
Ion Ratio Lower Upper

84 100

86 61.5 44.6 82.8

49 108.0 81.1 150.5

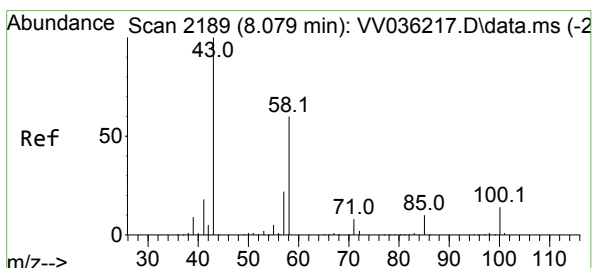
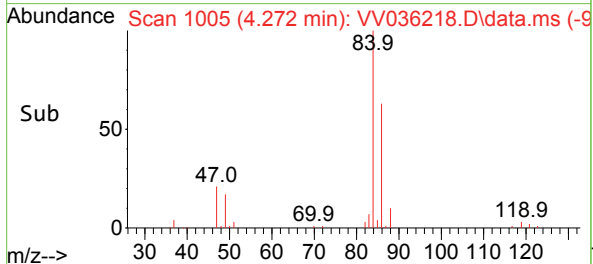
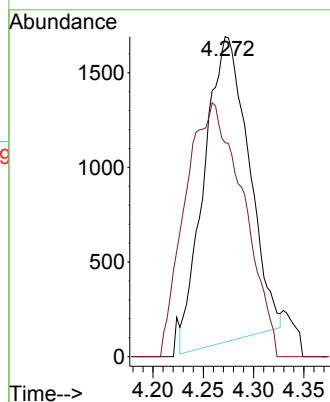
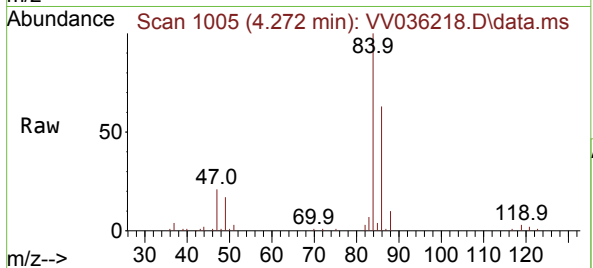




#25
Chloroform
Concen: 0.584 ug/L
RT: 4.272 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV036218.D
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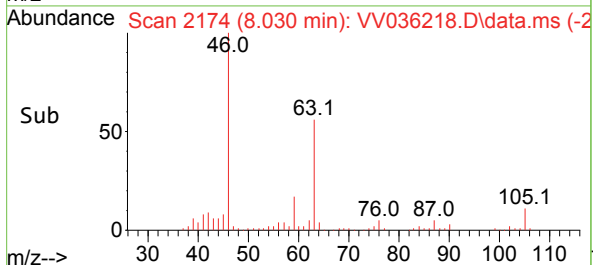
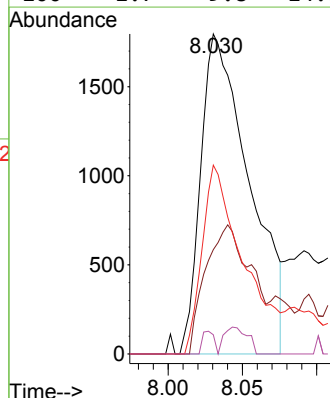
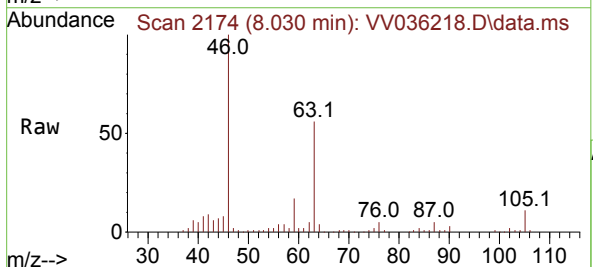
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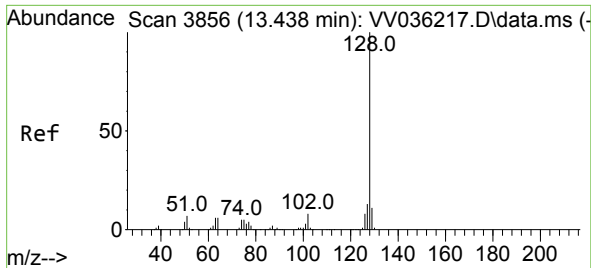
Tgt Ion: 83 Resp: 4964
Ion Ratio Lower Upper
83 100
85 66.8 45.2 84.0



#48
2-Hexanone
Concen: 2.102 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV036218.D
Acq: 21 Jun 2024 20:41

Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
58 0.0 45.4 68.0#
57 49.7 15.8 23.8#
100 1.7 9.8 14.8#





#71

Naphthalene

Concen: 0.591 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.013 min

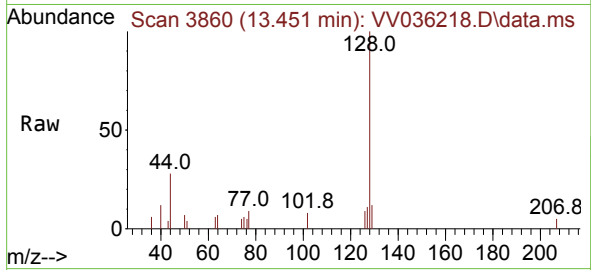
Lab File: VV036218.D

Acq: 21 Jun 2024 20:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 4265

Ion Ratio Lower Upper

128 100

127 11.2 10.6 16.0

129 9.1 8.8 13.2

