

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036254.D
 Acq On : 24 Jun 2024 19:50
 Operator : SY/MD
 Sample : VV0624SBL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 05:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

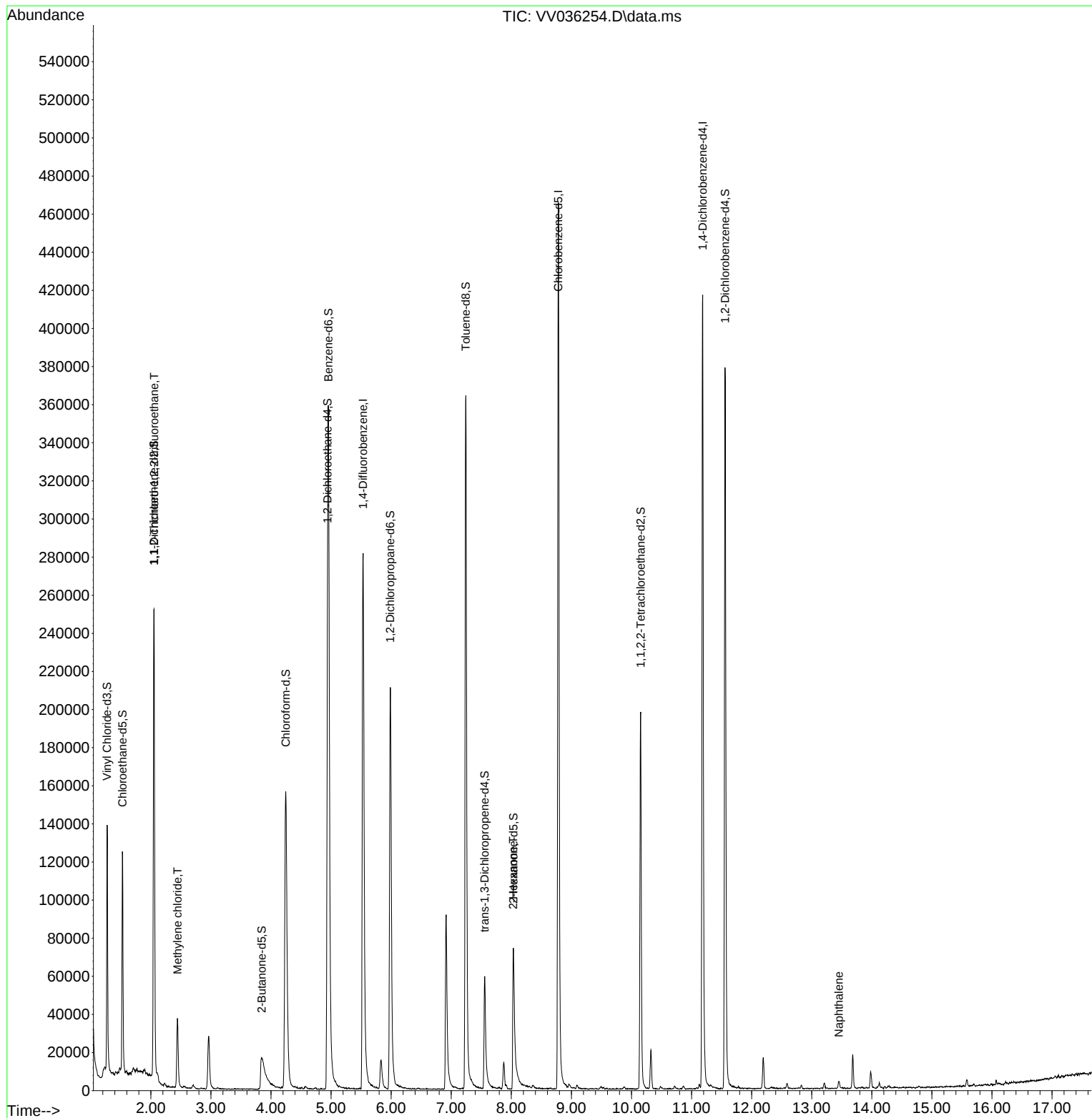
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	254264	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	266390	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112192	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	82661	17.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.720%
7) Chloroethane-d5	1.526	69	77482	20.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
11) 1,1-Dichloroethene-d2	2.050	65	41794	20.083	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.320%
21) 2-Butanone-d5	3.844	46	39187	36.537	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.080%
24) Chloroform-d	4.246	84	174347	21.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.280%
26) 1,2-Dichloroethane-d4	4.941	65	98978	23.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.957	84	321951	20.332	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.320%
36) 1,2-Dichloropropane-d6	5.986	67	107374	21.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.120%
41) Toluene-d8	7.243	98	259762	18.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.360%
43) trans-1,3-Dichloroprop...	7.555	79	38672	18.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.640%
47) 2-Hexanone-d5	8.034	63	27479	40.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	99083	26.590	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	11.558	152	98884	24.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.120%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	1764	0.404	ug/L #	41
16) Methylene chloride	2.442	84	16337	2.839	ug/L	98
48) 2-Hexanone	8.030	43	3860	1.986	ug/L #	47
71) Naphthalene	13.451	128	3796	0.522	ug/L	96

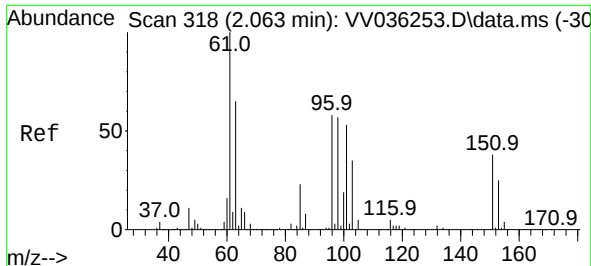
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_V\Data\VV062424\
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MSV0A_V
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Quant Time: Jun 25 05:54:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:53:47 2024
Response via : Initial Calibration





#10

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

Concen: 0.404 ug/L

RT: 2.053 min Scan# 318

Delta R.T. -0.010 min

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ClientSampleId :

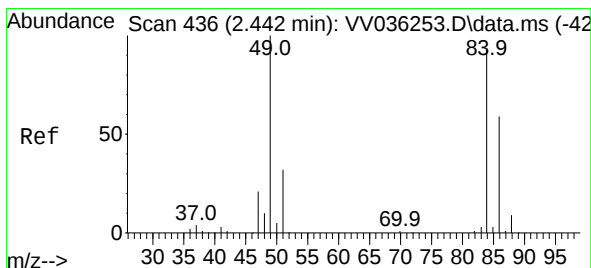
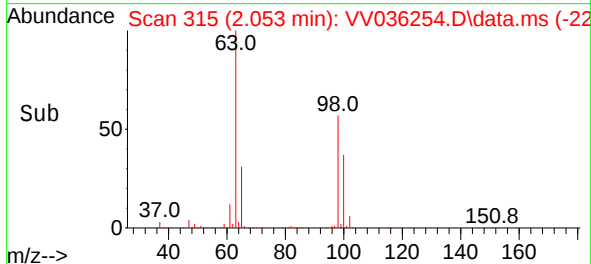
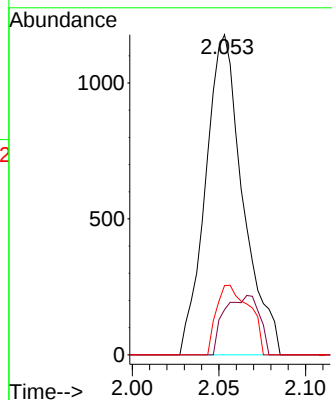
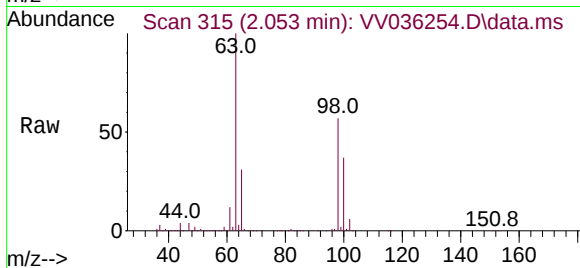
Tgt Ion:101 Resp: 1764

Ion Ratio Lower Upper

101 100

85 9.5 34.5 51.7#

151 19.1 56.3 84.5#



#16

Methylene chloride

Concen: 2.839 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

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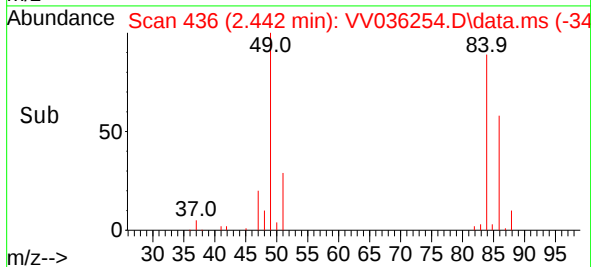
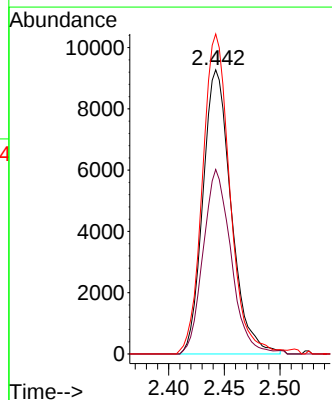
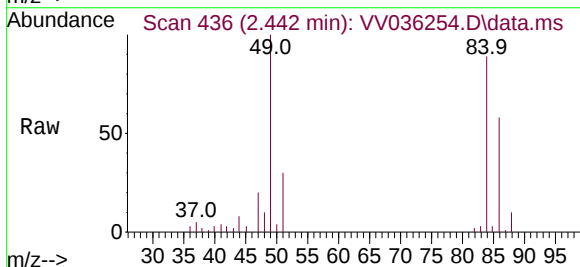
Tgt Ion: 84 Resp: 16337

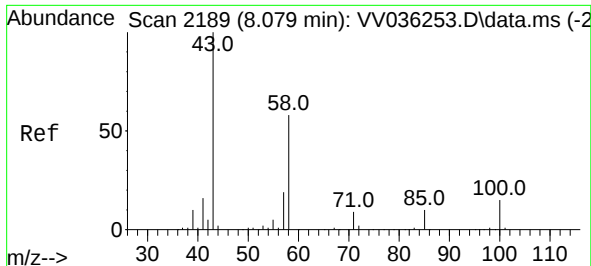
Ion Ratio Lower Upper

84 100

86 64.9 44.6 82.8

49 112.6 81.1 150.5





#48

2-Hexanone

Concen: 1.986 ug/L

RT: 8.030 min Scan# 2189

Delta R.T. -0.048 min

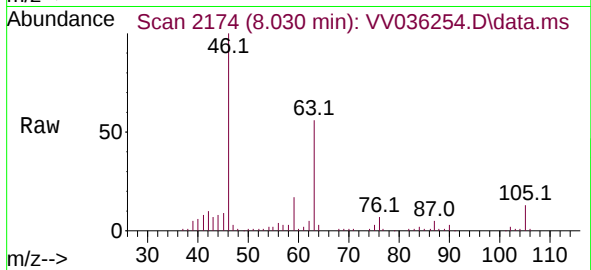
Lab File: VV036254.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 3860

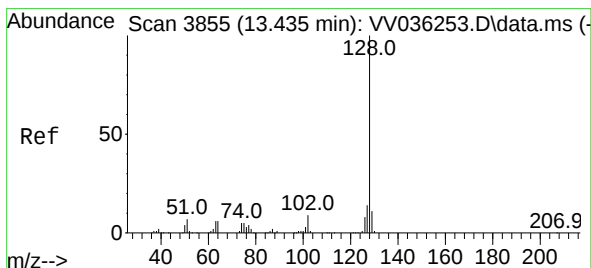
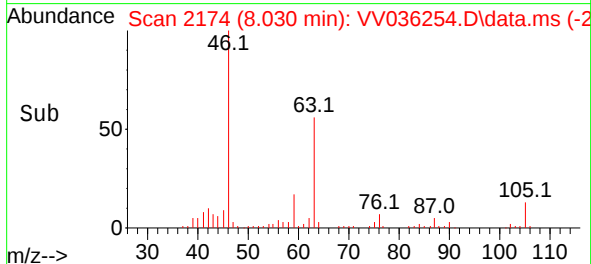
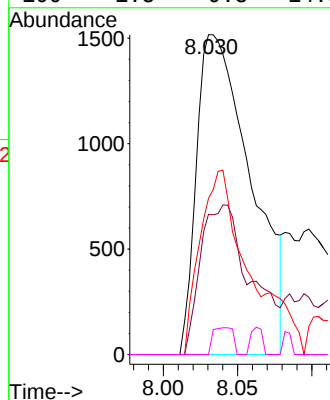
Ion Ratio Lower Upper

43 100

58 13.5 45.4 68.0#

57 43.5 15.8 23.8#

100 1.8 9.8 14.8#



#71

Naphthalene

Concen: 0.522 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

Lab File: VV036254.D

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Tgt Ion: 128 Resp: 3796

Ion Ratio Lower Upper

128 100

127 11.7 10.6 16.0

129 9.2 8.8 13.2

