

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036070.D
 Acq On : 13 Jun 2024 19:31
 Operator : SY/MD
 Sample : VV0613SBL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

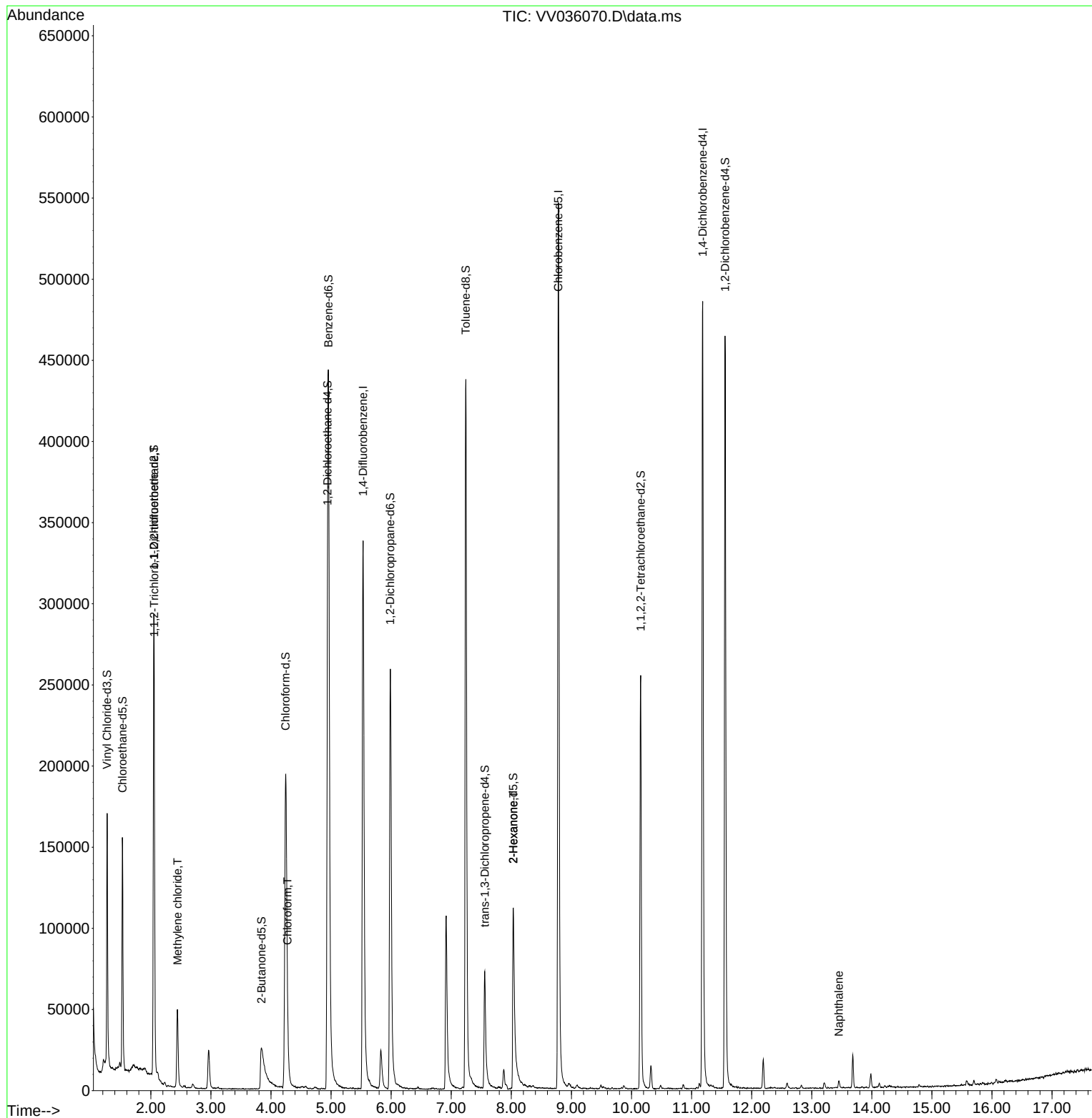
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	299604	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	309243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	133406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	102569	18.621	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.480%		
7) Chloroethane-d5	1.526	69	94327	21.477	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.920%		
11) 1,1-Dichloroethene-d2	2.050	65	50048	20.410	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.640%		
21) 2-Butanone-d5	3.841	46	68928	54.541	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.080%		
24) Chloroform-d	4.243	84	219210	23.014	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.040%		
26) 1,2-Dichloroethane-d4	4.940	65	122242	24.478	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.920%		
32) Benzene-d6	4.956	84	395602	21.521	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.080%		
36) 1,2-Dichloropropane-d6	5.985	67	136979	23.663	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.640%		
41) Toluene-d8	7.243	98	310295	19.131	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.520%		
43) trans-1,3-Dichloroprop...	7.558	79	49459	20.838	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.360%		
47) 2-Hexanone-d5	8.030	63	45651	58.207	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.420%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	128878	29.793	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	119.160%		
66) 1,2-Dichlorobenzene-d4	11.557	152	123939	25.334	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.320%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2013	0.391	ug/L #	54
16) Methylene chloride	2.442	84	20844	3.075	ug/L	98
25) Chloroform	4.275	83	6231	0.624	ug/L	82
48) 2-Hexanone	8.034	43	5524	2.449	ug/L #	66
71) Naphthalene	13.451	128	3954	0.458	ug/L #	94

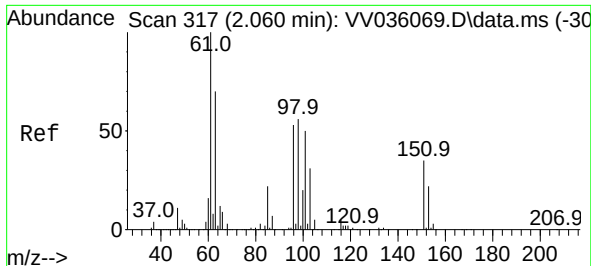
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
Response via : Initial Calibration





#10

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

Concen: 0.391 ug/L

RT: 2.056 min Scan# 317

Delta R.T. -0.003 min

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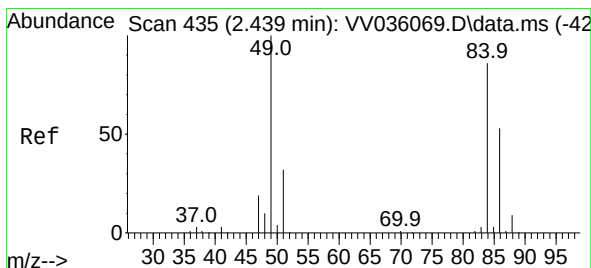
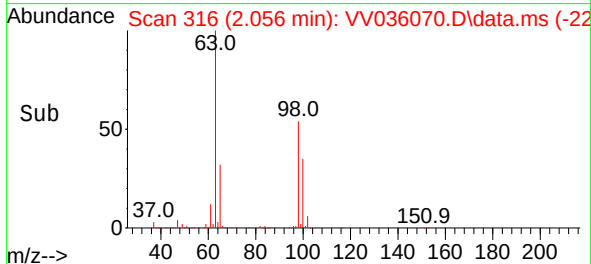
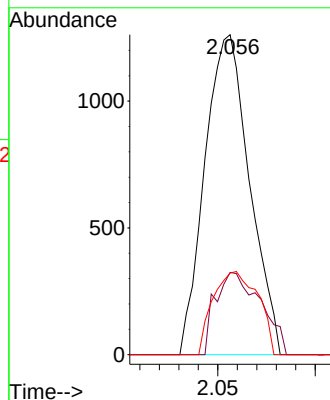
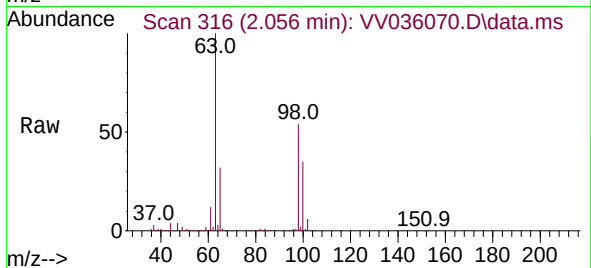
Tgt Ion:101 Resp: 2013

Ion Ratio Lower Upper

101 100

85 21.8 34.5 51.7#

151 26.1 56.3 84.5#



#16

Methylene chloride

Concen: 3.075 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036070.D

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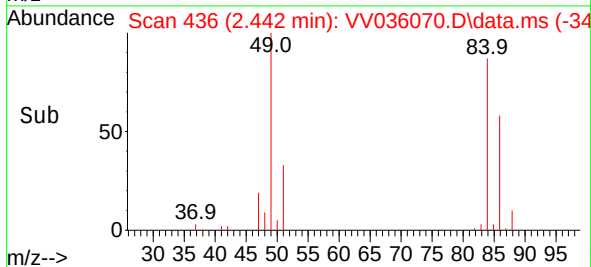
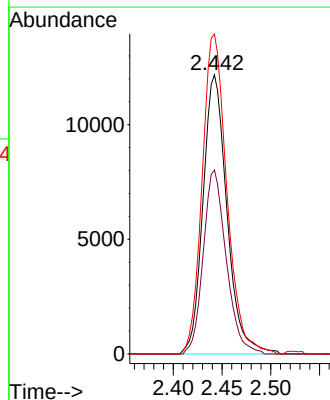
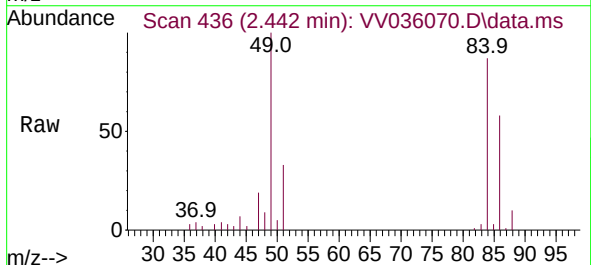
Tgt Ion: 84 Resp: 20844

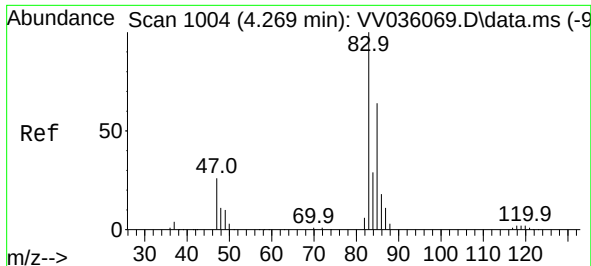
Ion Ratio Lower Upper

84 100

86 65.9 44.6 82.8

49 114.6 81.1 150.5





#25

Chloroform

Concen: 0.624 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

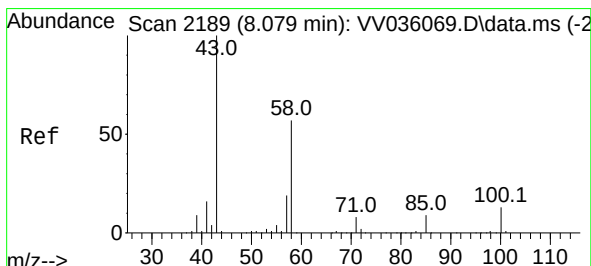
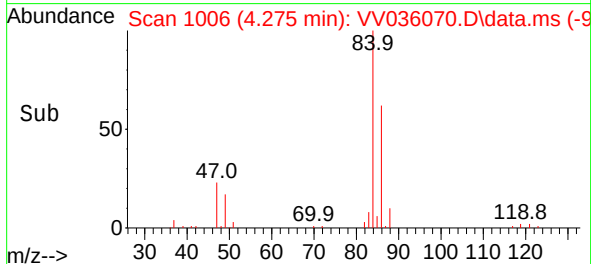
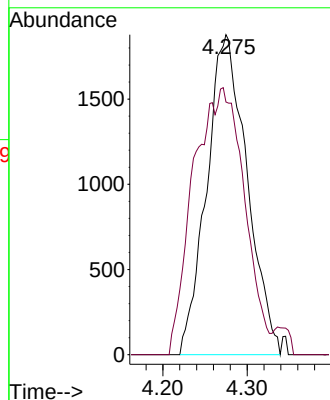
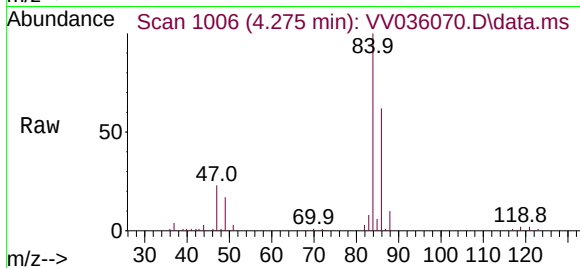
ClientSampleId :

Tgt Ion: 83 Resp: 6231

Ion Ratio Lower Upper

83 100

85 79.0 45.2 84.0



#48

2-Hexanone

Concen: 2.449 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

Lab File: VV036070.D

Acq: 13 Jun 2024 19:31

Tgt Ion: 43 Resp: 5524

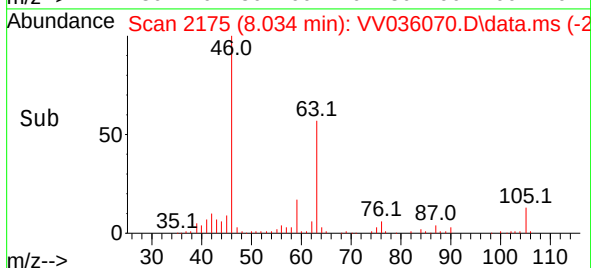
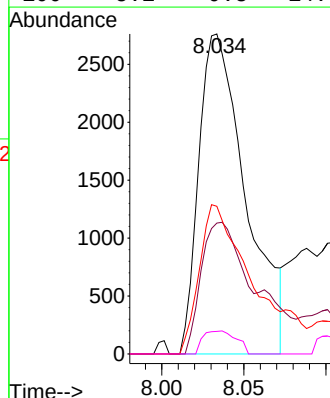
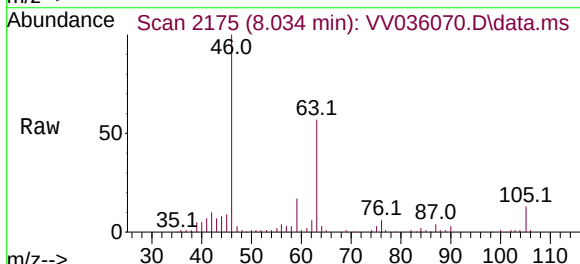
Ion Ratio Lower Upper

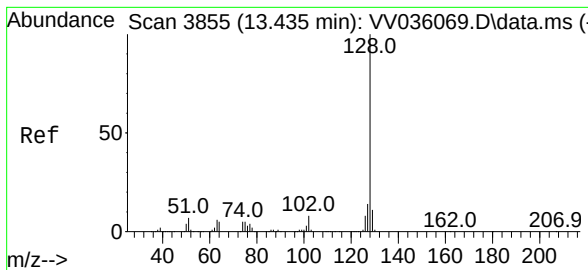
43 100

58 36.0 45.4 68.0#

57 48.0 15.8 23.8#

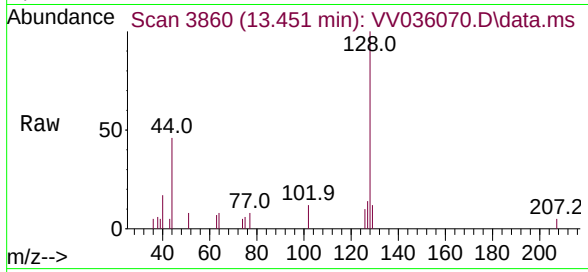
100 5.1 9.8 14.8#





#71
 Naphthalene
 Concen: 0.458 ug/L
 RT: 13.451 min Scan# 3860
 Delta R.T. 0.016 min
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Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	3954
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	16.0
129	7.9	8.8	13.2#

