

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036074.D
 Acq On : 13 Jun 2024 21:03
 Operator : SY/MD
 Sample : P2856-04
 Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 03:08:38 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)

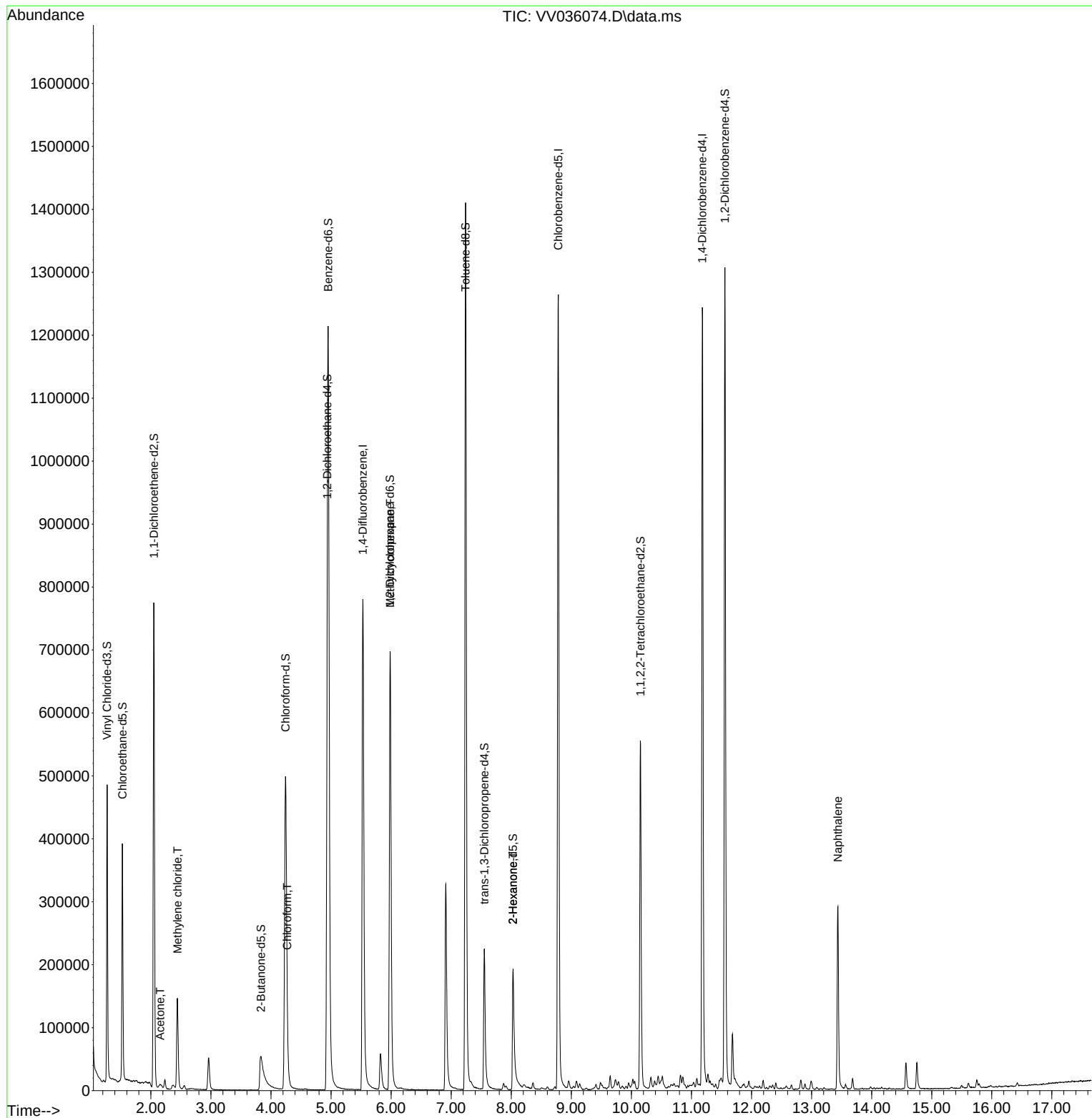
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	699252	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	728137	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	332063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	325123	25.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.160%
7) Chloroethane-d5	1.526	69	257770	25.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.050	65	134194	23.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.800%
21) 2-Butanone-d5	3.834	46	125262	42.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.940%
24) Chloroform-d	4.243	84	558424	25.119	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	4.937	65	322212	27.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.560%
32) Benzene-d6	4.953	84	1123258	25.952	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	5.982	67	362595	26.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.400%
41) Toluene-d8	7.239	98	962881	25.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	7.551	79	146802	26.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.080%
47) 2-Hexanone-d5	8.030	63	76474	41.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	270549	26.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	337562	27.721	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.880%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	7564	1.646	ug/L #	44
16) Methylene chloride	2.442	84	66096	4.177	ug/L	98
25) Chloroform	4.272	83	11676	0.501	ug/L	94
35) Methylcyclohexane	5.986	83	86352	4.278	ug/L #	19
48) 2-Hexanone	8.030	43	8776	1.652	ug/L #	72
71) Naphthalene	13.439	128	241879	11.248	ug/L	100

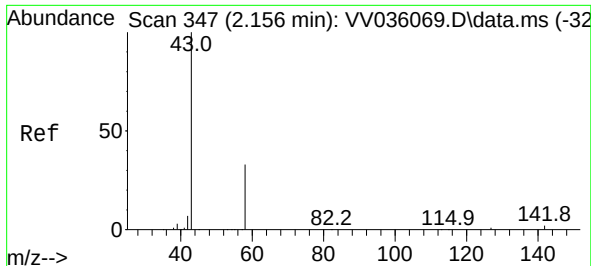
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.646 ug/L

RT: 2.153 min Scan# 347

Delta R.T. -0.003 min

Lab File: VV036074.D

Acq: 13 Jun 2024 21:03

Instrument :

MSVOA_V

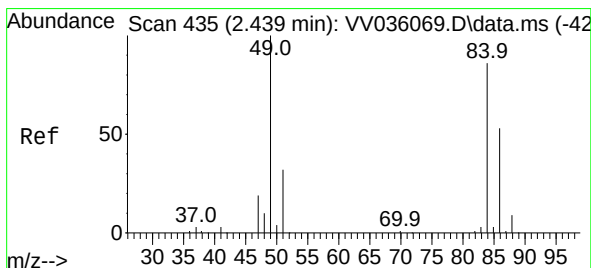
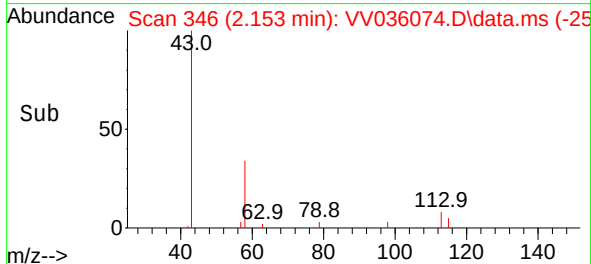
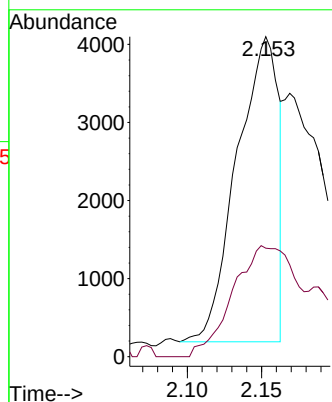
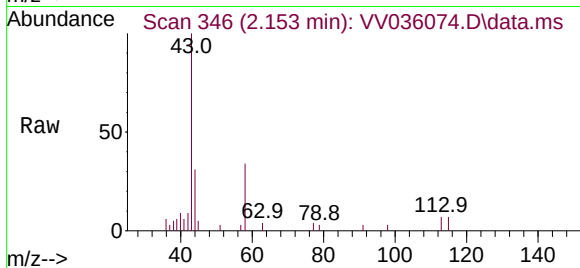
ClientSampleId :

Tgt Ion: 43 Resp: 7564

Ion Ratio Lower Upper

43 100

58 33.7 0.0 24.2#



#16

Methylene chloride

Concen: 4.177 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036074.D

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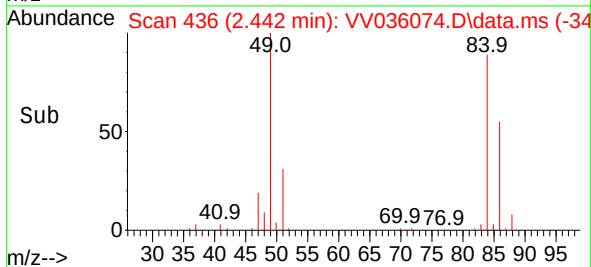
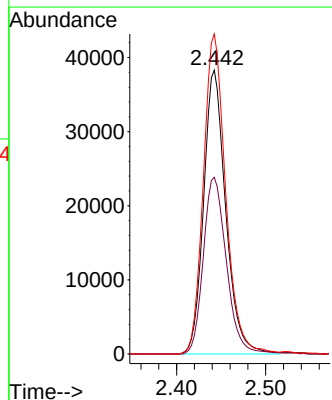
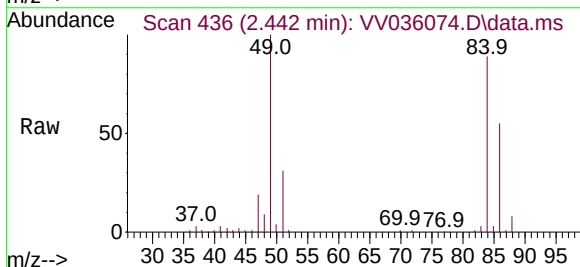
Tgt Ion: 84 Resp: 66096

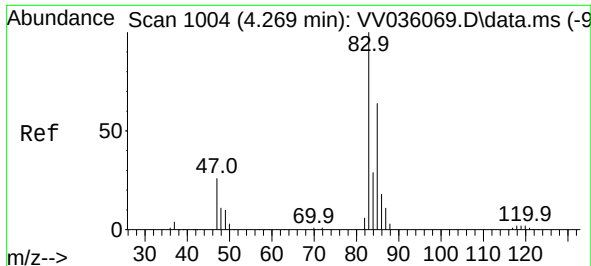
Ion Ratio Lower Upper

84 100

86 62.2 44.6 82.8

49 112.7 81.1 150.5





#25

Chloroform

Concen: 0.501 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036074.D

Acq: 13 Jun 2024 21:03

Instrument :

MSVOA_V

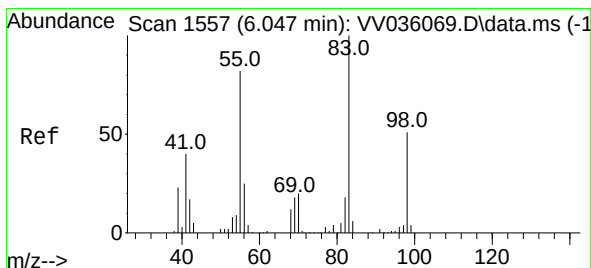
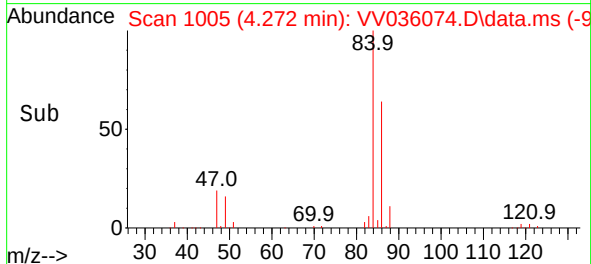
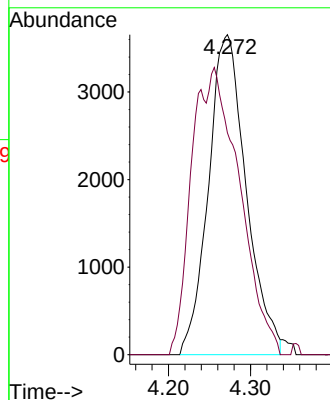
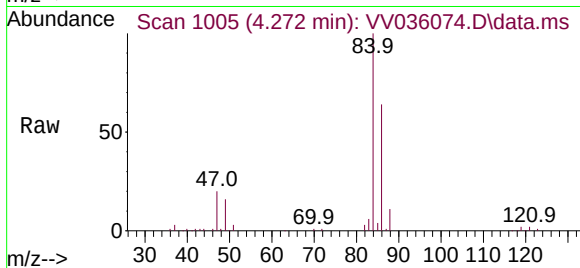
ClientSampleId :

Tgt Ion: 83 Resp: 11676

Ion Ratio Lower Upper

83 100

85 69.4 45.2 84.0



#35

Methylcyclohexane

Concen: 4.278 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV036074.D

Acq: 13 Jun 2024 21:03

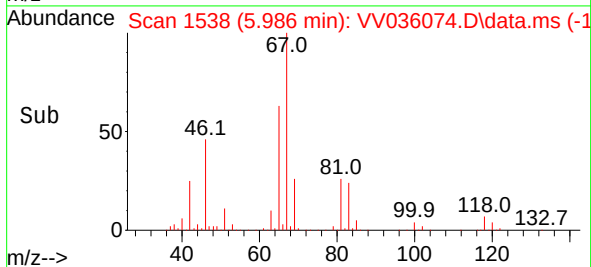
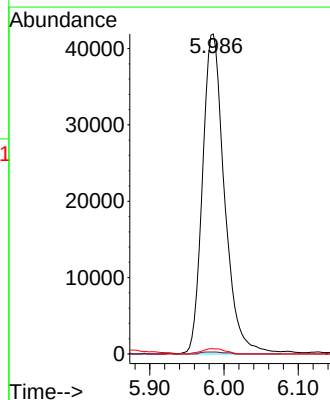
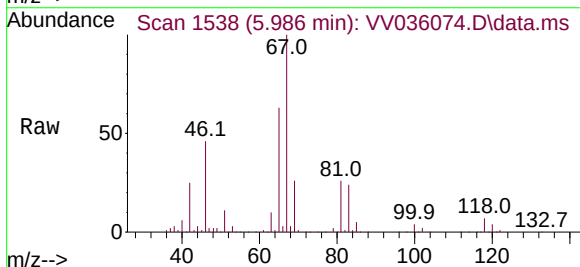
Tgt Ion: 83 Resp: 86352

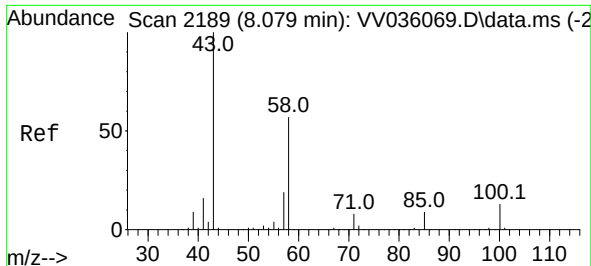
Ion Ratio Lower Upper

83 100

55 0.2 60.7 91.1#

98 1.1 38.7 58.1#

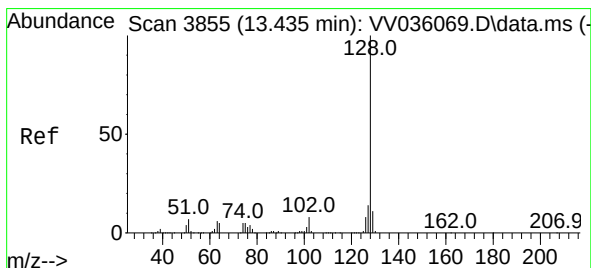
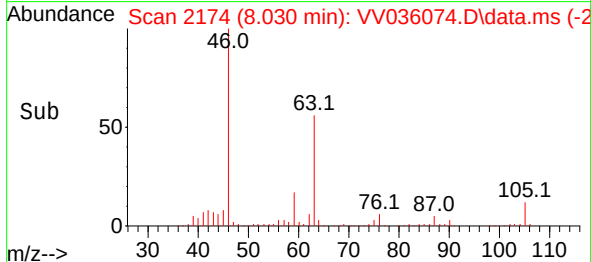
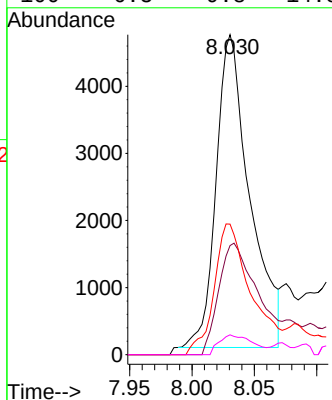
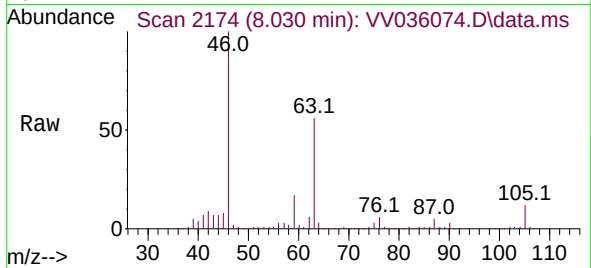




#48
2-Hexanone
Concen: 1.652 ug/L
RT: 8.030 min Scan# 2189
Delta R.T. -0.048 min
Lab File: VV036074.D
Acq: 13 Jun 2024 21:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43	Resp: 8776
Ion Ratio	Lower Upper
43 100	
58 42.0	45.4 68.0#
57 46.0	15.8 23.8#
100 6.3	9.8 14.8#



#71
Naphthalene
Concen: 11.248 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV036074.D
Acq: 13 Jun 2024 21:03

Tgt Ion:128	Resp: 241879		
Ion Ratio	Lower	Upper	
128 100			
127 13.6	10.6	16.0	
129 11.0	8.8	13.2	

