

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
 Data File : VV036271.D
 Acq On : 25 Jun 2024 13:17
 Operator : SY/MD
 Sample : P2897-19
 Misc : 5.32g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 12:48:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:03:41 2024
 Response via : Initial Calibration

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

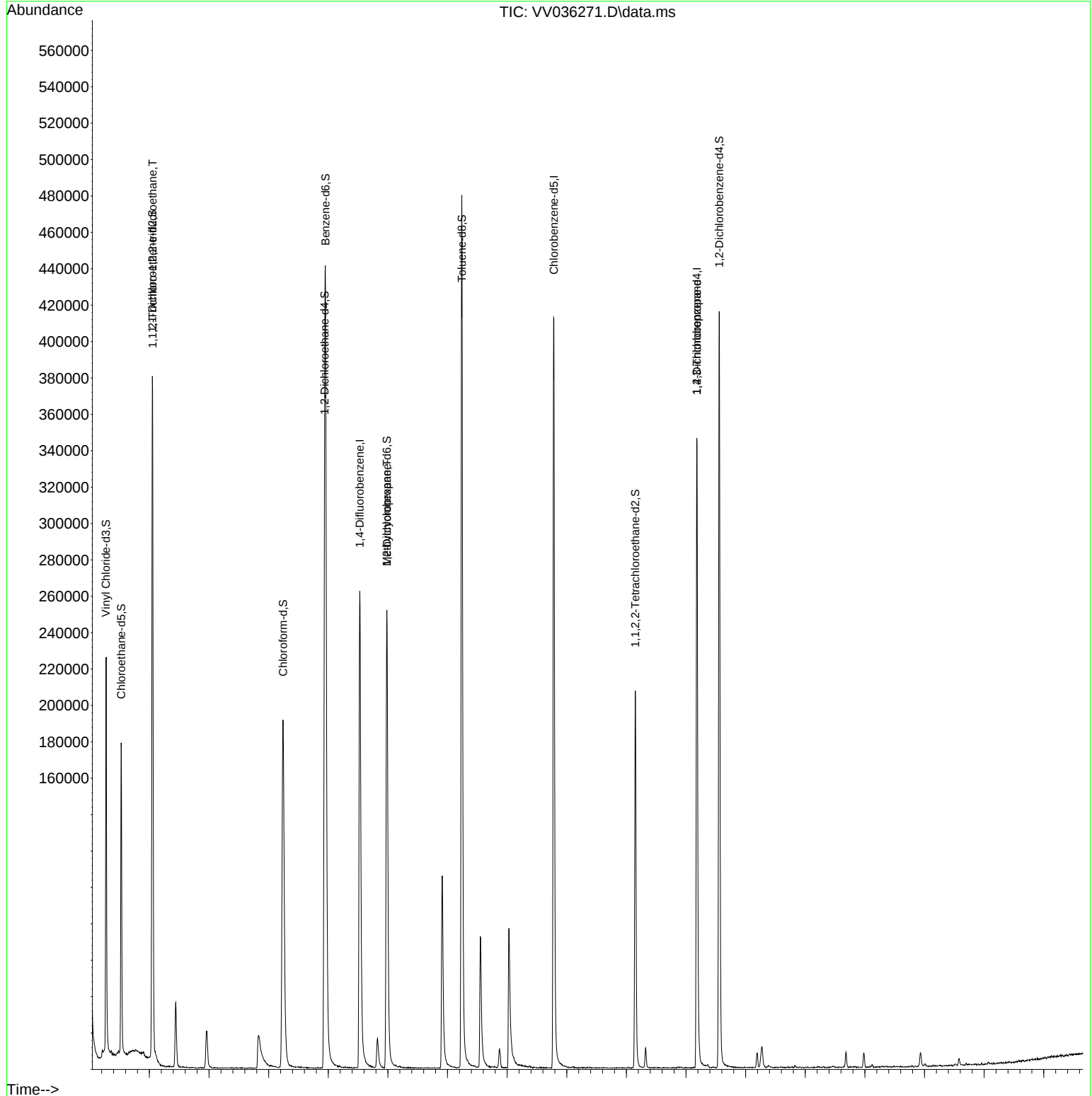
Internal Standards							
1) 1,4-Difluorobenzene		5.529	114	233776	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	239810	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.181	152	95635	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	142402	33.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.520%		
7) Chloroethane-d5		1.526	69	111843	32.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 130.560%		
11) 1,1-Dichloroethene-d2		2.050	65	63360	33.115	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 132.440%#		
21) 2-Butanone-d5		3.831	46	43058	43.664	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.320%		
24) Chloroform-d		4.240	84	211744	28.490	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.960%		
26) 1,2-Dichloroethane-d4		4.937	65	111628	28.646	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.600%		
32) Benzene-d6		4.953	84	402875	28.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 113.040%		
36) 1,2-Dichloropropane-d6		5.982	67	126980	28.287	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.160%		
41) Toluene-d8		7.239	98	330008	26.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.960%		
43) trans-1,3-Dichloroprop...		7.551	79	47310	25.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.800%		
47) 2-Hexanone-d5		8.030	63	27451	45.135	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 90.260%		
56) 1,1,2,2-Tetrachloroeth...		10.149	84	101208	30.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 120.680%#		
66) 1,2-Dichlorobenzene-d4		11.558	152	108444	30.922	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 123.680%#		
Target Compounds							Qvalue
10) 1,1,2-Trichloro-1,2,2-...		2.053	101	2046	0.510	ug/L #	28
16) Methylene chloride		2.442	84	15367	2.905	ug/L	94
35) Methylcyclohexane		5.982	83	30768	4.628	ug/L #	19
48) 2-Hexanone		8.030	43	4075	2.330	ug/L #	54
61) 1,2,3-Trichloropropane		11.181	75	10901	4.820	ug/L #	63

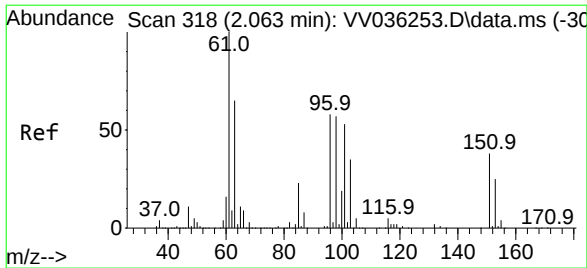
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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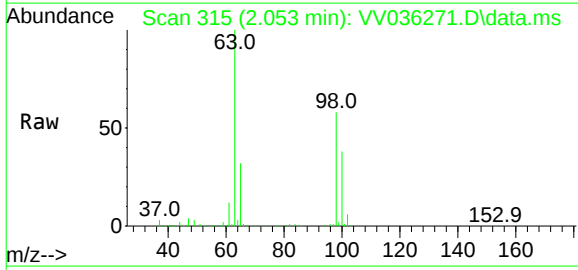
Quant Time: Jun 27 12:48:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
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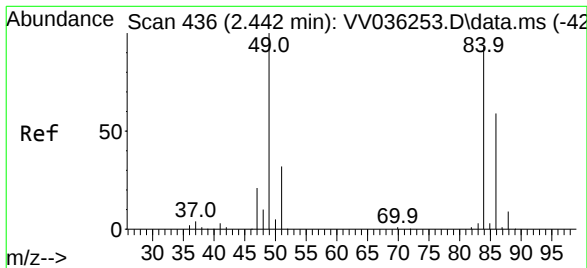
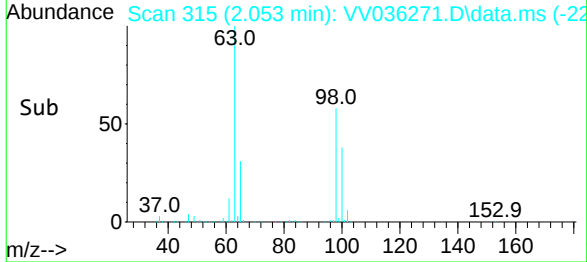
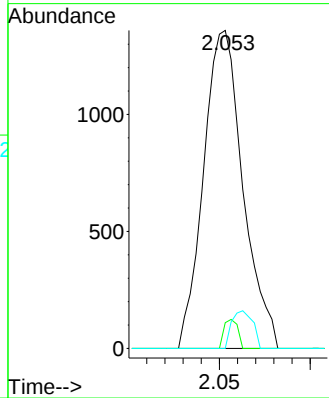


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.510 ug/L
RT: 2.053 min Scan# 318
Delta R.T. -0.010 min
Lab File: VV036271.D
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MSVOA_V
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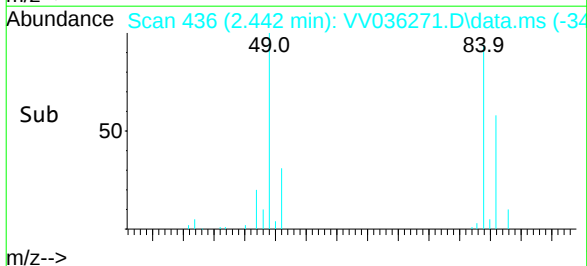
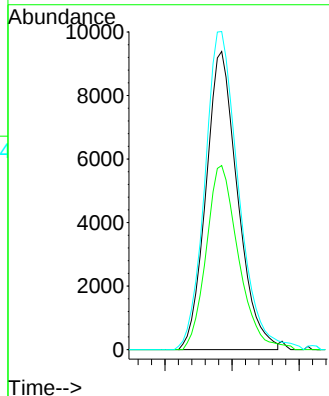
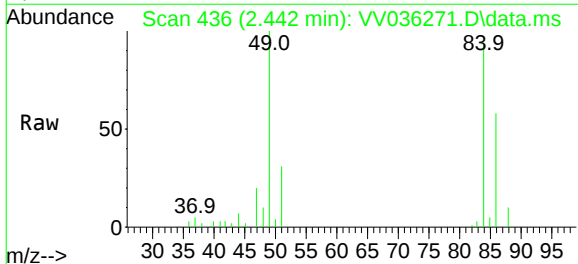


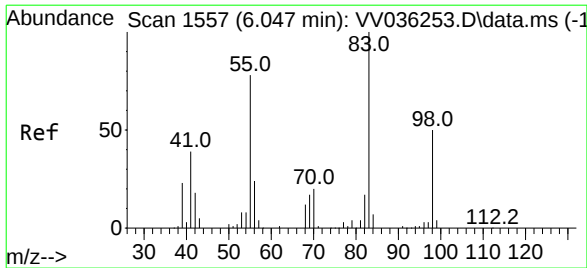
Tgt Ion: 101 Resp: 2046
Ion Ratio Lower Upper
101 100
85 3.2 34.5 51.7#
151 6.3 56.3 84.5#



#16
Methylene chloride
Concen: 2.905 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036271.D
Acq: 25 Jun 2024 13:17

Tgt Ion: 84 Resp: 15367
Ion Ratio Lower Upper
84 100
86 61.7 44.6 82.8
49 106.7 81.1 150.5

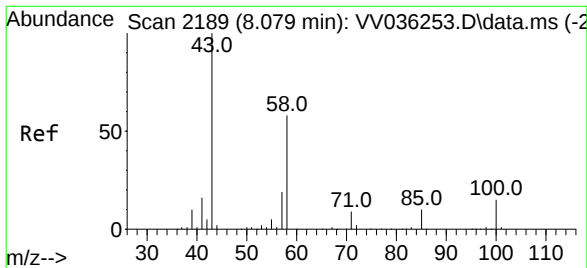
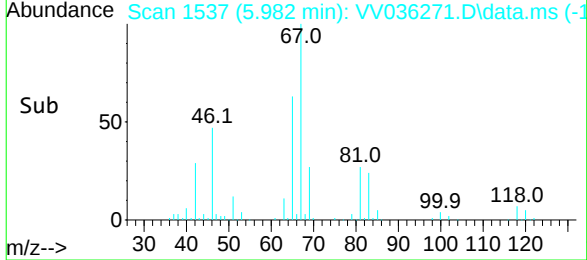
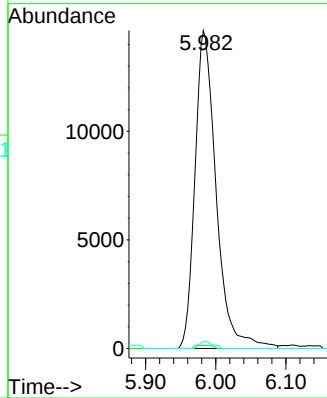
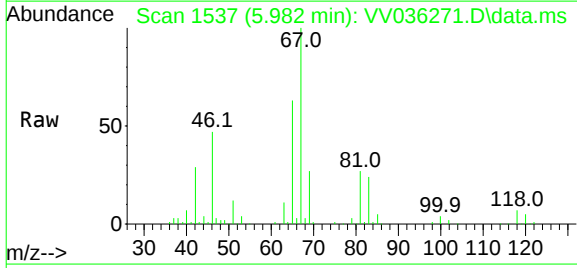




#35
Methylcyclohexane
Concen: 4.628 ug/L
RT: 5.982 min Scan# 1557
Delta R.T. -0.061 min
Lab File: VV036271.D
Acq: 25 Jun 2024 13:17

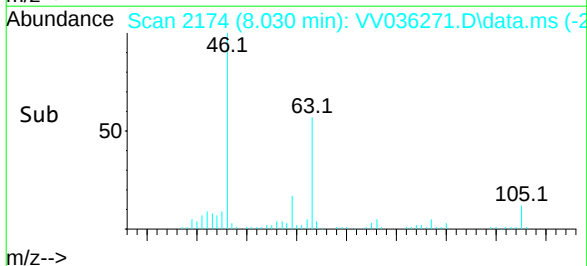
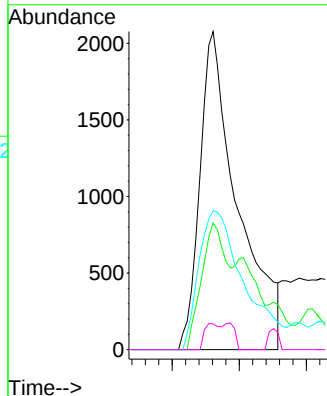
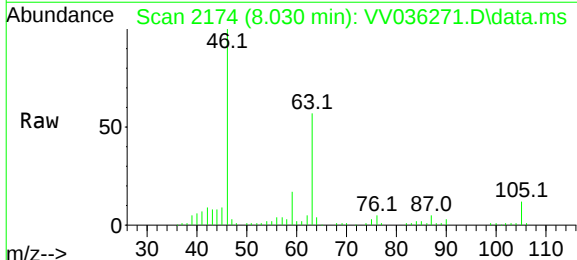
Instrument :
MSVOA_V
ClientSampleId :

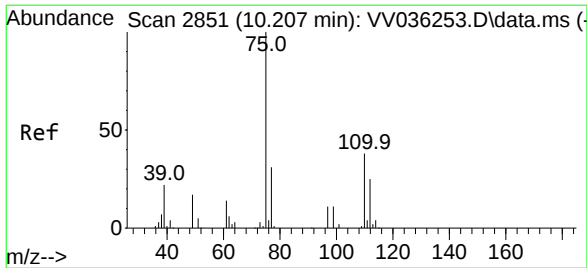
Tgt Ion: 83	Resp: 30768
Ion Ratio	Lower Upper
83 100	
55 0.3	60.7 91.1#
98 1.6	38.7 58.1#



#48
2-Hexanone
Concen: 2.330 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV036271.D
Acq: 25 Jun 2024 13:17

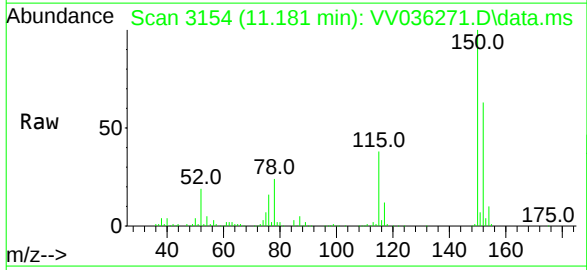
Tgt Ion: 43	Resp: 4075
Ion Ratio	Lower Upper
43 100	
58 26.3	45.4 68.0#
57 52.6	15.8 23.8#
100 2.9	9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 4.820 ug/L
 RT: 11.181 min Scan# 311
 Delta R.T. 0.977 min
 Lab File: VV036271.D
 Acq: 25 Jun 2024 13:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	10901
Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.0	39.0
110	2.2	32.2	48.4

