

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036505.D
 Acq On : 12 Jul 2024 14:18
 Operator : SY/MD
 Sample : P3215-05
 Misc : 5.35g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:09:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

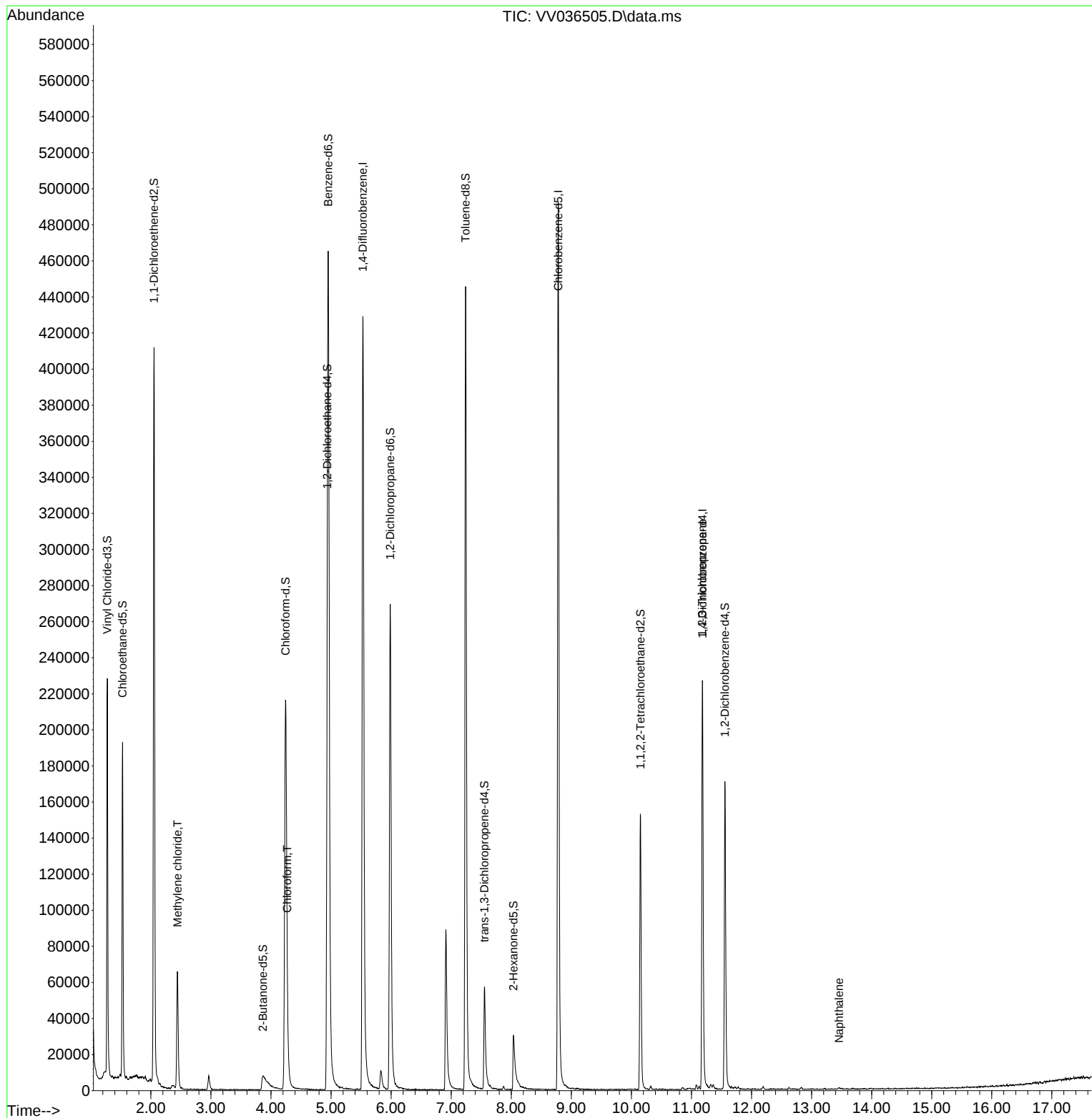
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	405762	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	297037	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66407	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	145220	24.981	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.920%		
7) Chloroethane-d5	1.529	69	121139	23.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.320%		
11) 1,1-Dichloroethene-d2	2.053	65	65795	22.041	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.160%		
21) 2-Butanone-d5	3.866	46	7420	7.457	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	14.920%#		
24) Chloroform-d	4.243	84	240083	20.327	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.320%		
26) 1,2-Dichloroethane-d4	4.937	65	118855	20.289	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.160%		
32) Benzene-d6	4.953	84	437170	29.501	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.000%		
36) 1,2-Dichloropropane-d6	5.985	67	131751	29.832	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.320%		
41) Toluene-d8	7.239	98	319451	23.364	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.440%		
43) trans-1,3-Dichloroprop...	7.554	79	36672	19.972	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.880%		
47) 2-Hexanone-d5	8.037	63	11150	22.732	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	45.460%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	73462	19.751	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.000%		
66) 1,2-Dichlorobenzene-d4	11.557	152	47398	21.032	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.120%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	30251	3.626	ug/L	98
25) Chloroform	4.272	83	6254	0.534	ug/L	99
61) 1,2,3-Trichloropropane	11.181	75	6487	5.490	ug/L #	63
71) Naphthalene	13.458	128	1215	0.335	ug/L #	80

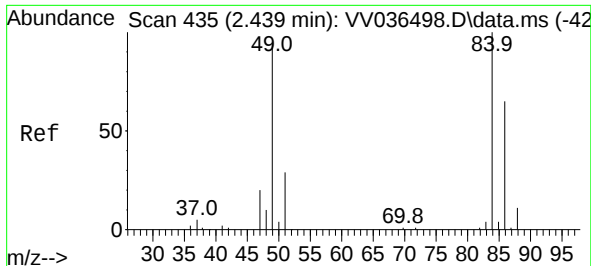
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration

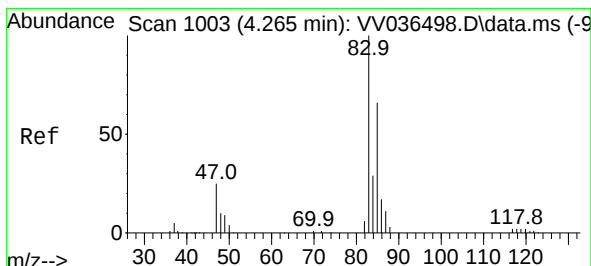
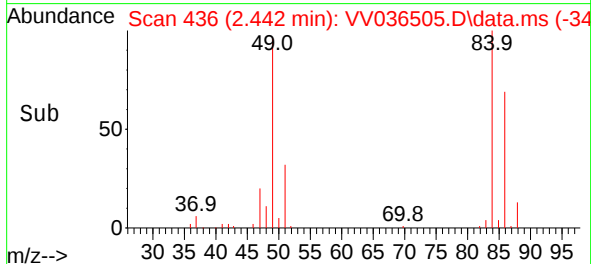
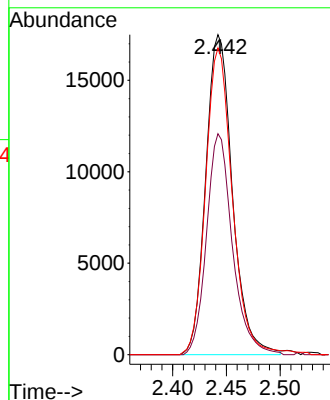
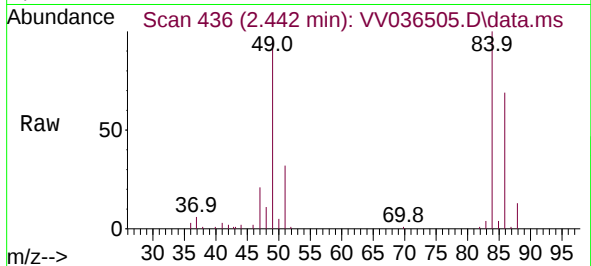




#16
Methylene chloride
Concen: 3.626 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036505.D
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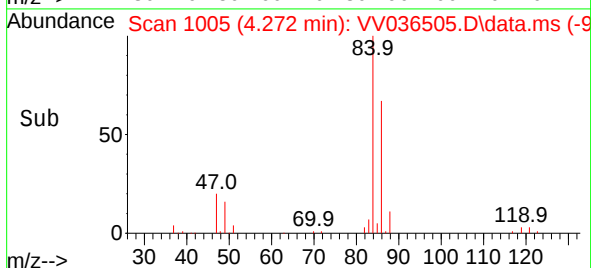
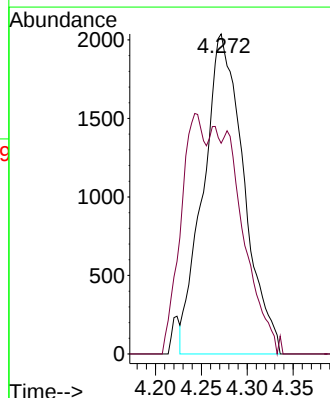
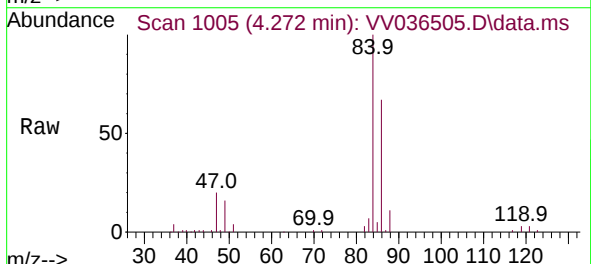
Instrument :
MSVOA_V
ClientSampleId :

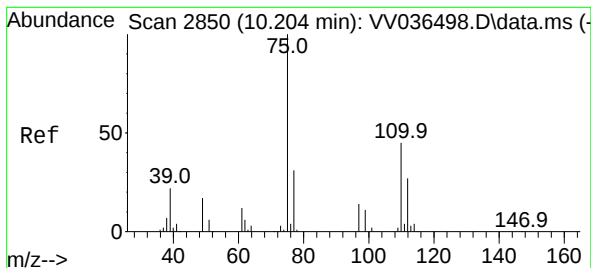
Tgt Ion: 84 Resp: 30251
Ion Ratio Lower Upper
84 100
86 69.1 46.3 86.1
49 95.8 68.1 126.5



#25
Chloroform
Concen: 0.534 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV036505.D
Acq: 12 Jul 2024 14:18

Tgt Ion: 83 Resp: 6254
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.6





#61

1,2,3-Trichloropropane

Concen: 5.490 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV036505.D

Acq: 12 Jul 2024 14:18

Instrument :

MSVOA_V

ClientSampleId :

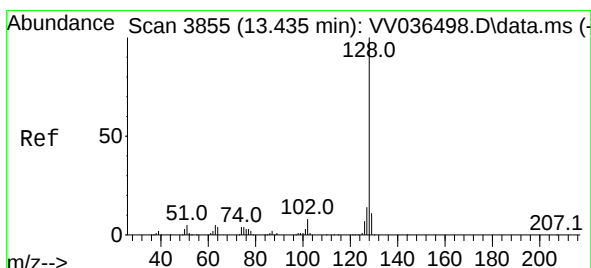
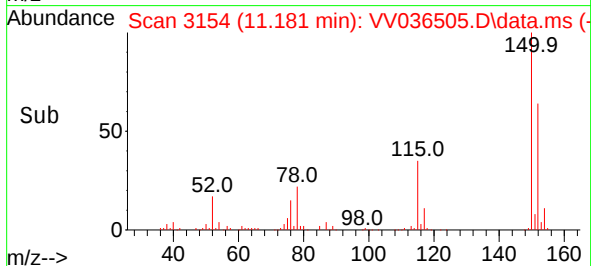
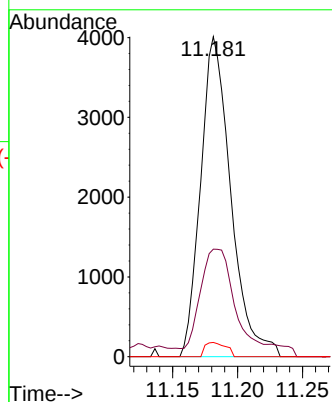
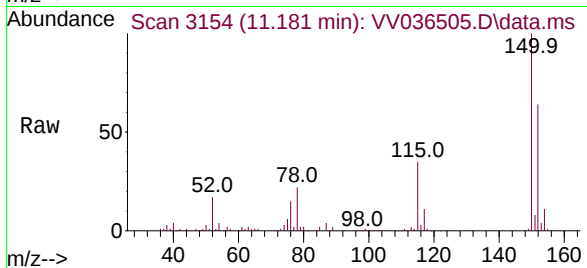
Tgt Ion: 75 Resp: 6487

Ion Ratio Lower Upper

75 100

77 33.3 25.6 38.4

110 3.1 34.8 52.2#



#71

Naphthalene

Concen: 0.335 ug/L

RT: 13.458 min Scan# 3862

Delta R.T. 0.022 min

Lab File: VV036505.D

Acq: 12 Jul 2024 14:18

Tgt Ion: 128 Resp: 1215

Ion Ratio Lower Upper

128 100

127 8.5 10.8 16.2#

129 0.0 8.6 13.0#

