

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036499.D
 Acq On : 12 Jul 2024 11:06
 Operator : SY/MD
 Sample : VV0712SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:08:12 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)

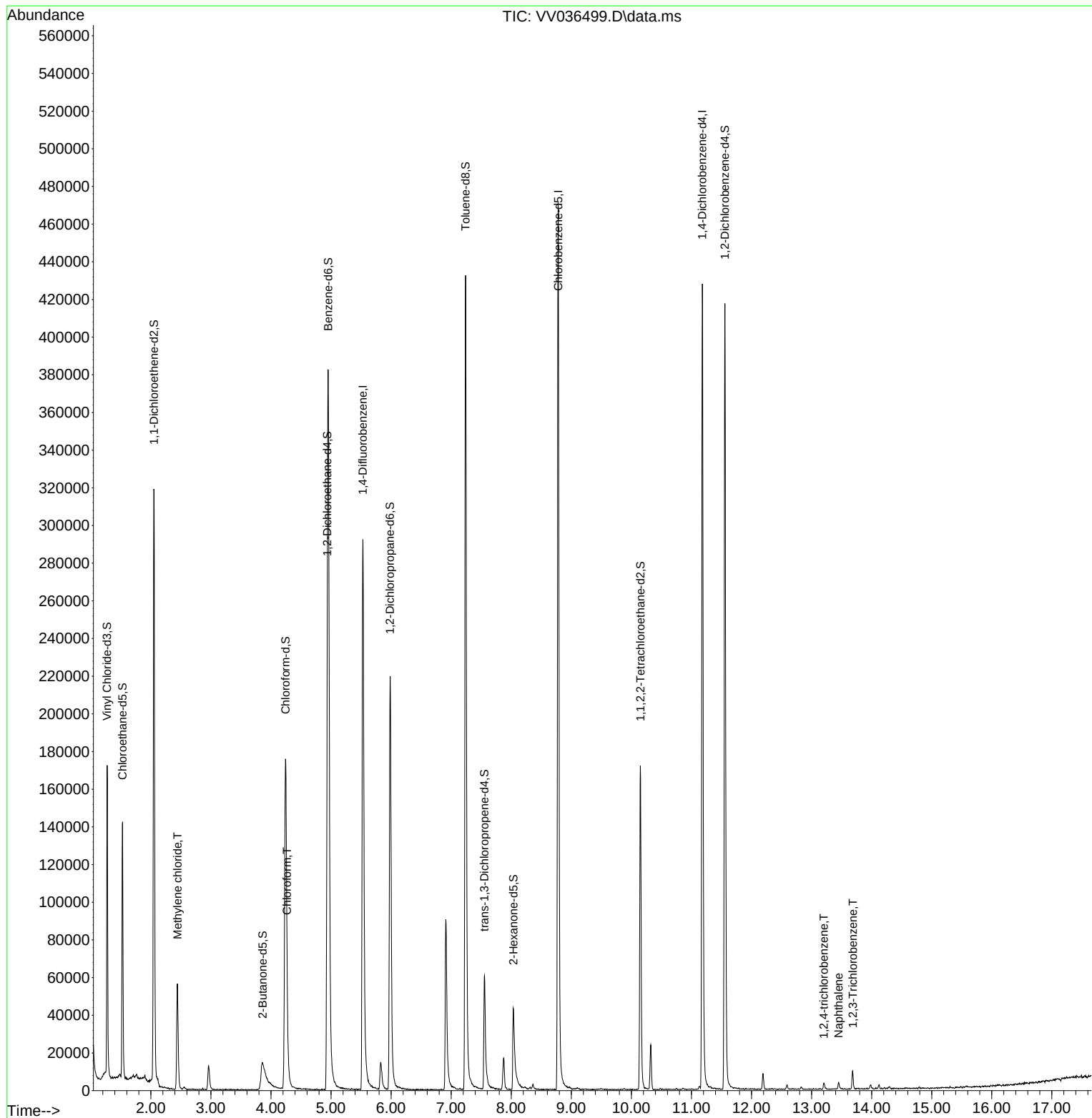
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	276405	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	288742	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	122161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	103918	26.242	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.960%			
7) Chloroethane-d5	1.526	69	89642	25.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.560%			
11) 1,1-Dichloroethene-d2	2.050	65	51602	25.376	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.520%			
21) 2-Butanone-d5	3.860	46	8021	11.834	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 23.660%			
24) Chloroform-d	4.243	84	195933	24.353	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.400%			
26) 1,2-Dichloroethane-d4	4.937	65	98435	24.668	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.680%			
32) Benzene-d6	4.953	84	359805	24.978	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.920%			
36) 1,2-Dichloropropane-d6	5.982	67	106684	24.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.400%			
41) Toluene-d8	7.239	98	310955	23.396	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	7.555	79	39750	22.270	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.080%			
47) 2-Hexanone-d5	8.037	63	15407	32.313	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.620%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	82256	22.750	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.000%			
66) 1,2-Dichlorobenzene-d4	11.558	152	118005	28.464	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.840%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	26426	4.650	ug/L	99
25) Chloroform	4.268	83	5449	0.683	ug/L	87
70) 1,2,4-trichlorobenzene	13.204	180	1568	0.353	ug/L #	92
71) Naphthalene	13.448	128	3656	0.548	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.686	180	1379	0.328	ug/L #	90

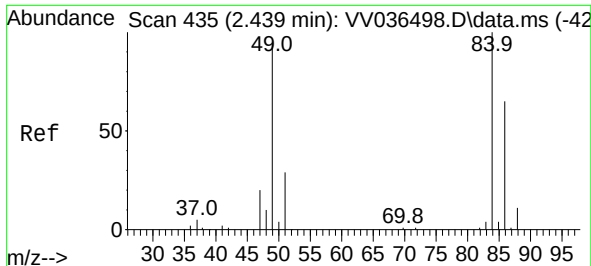
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

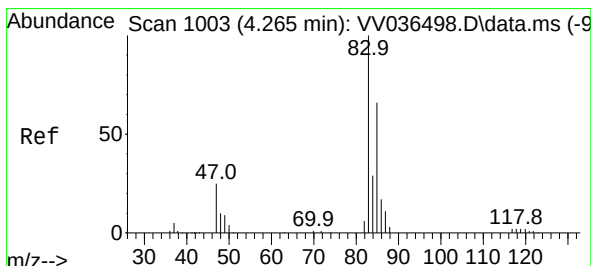
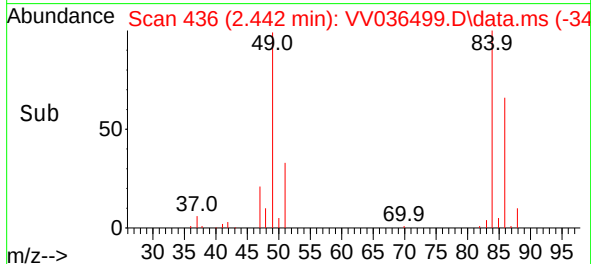
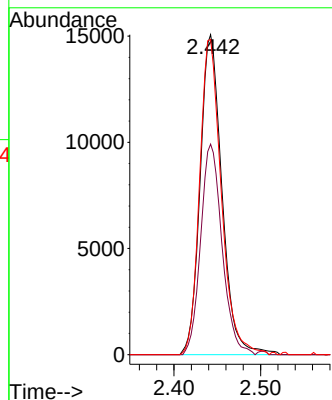
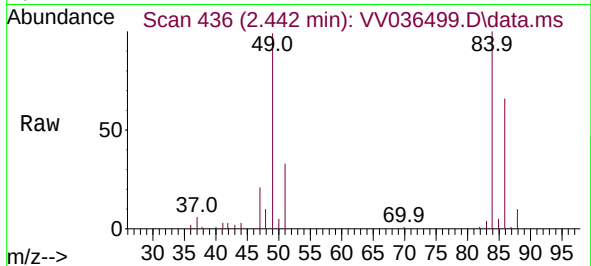




#16
Methylene chloride
Concen: 4.650 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036499.D
Acq: 12 Jul 2024 11:06

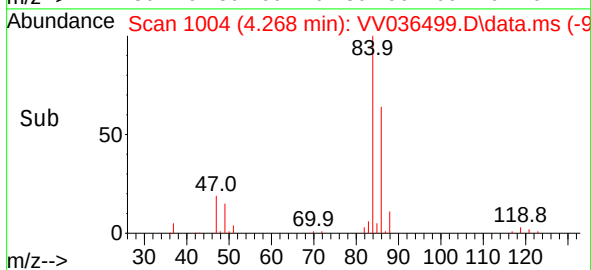
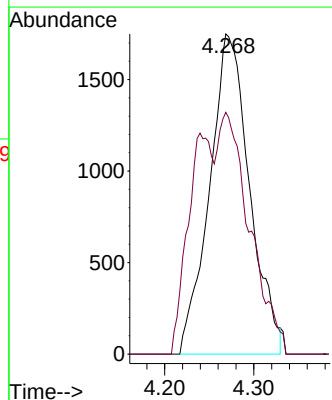
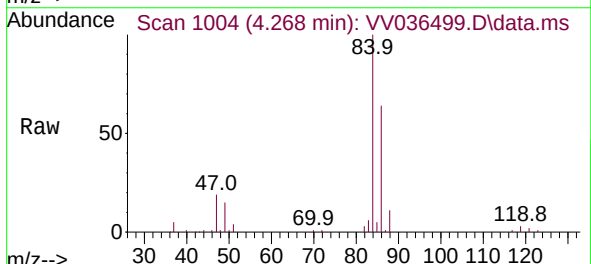
Instrument :
MSVOA_V
ClientSampleId :

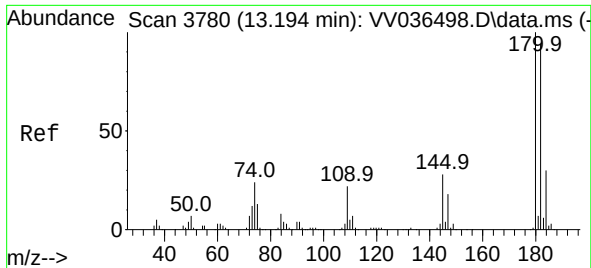
Tgt Ion: 84 Resp: 26426
Ion Ratio Lower Upper
84 100
86 65.8 46.3 86.1
49 98.5 68.1 126.5



#25
Chloroform
Concen: 0.683 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036499.D
Acq: 12 Jul 2024 11:06

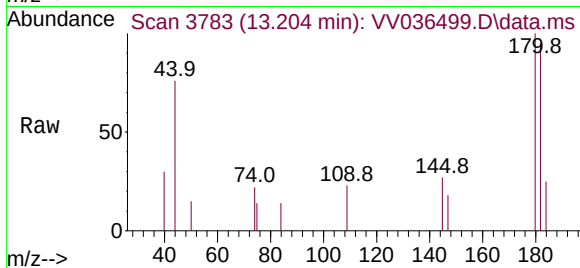
Tgt Ion: 83 Resp: 5449
Ion Ratio Lower Upper
83 100
85 75.5 45.6 84.6



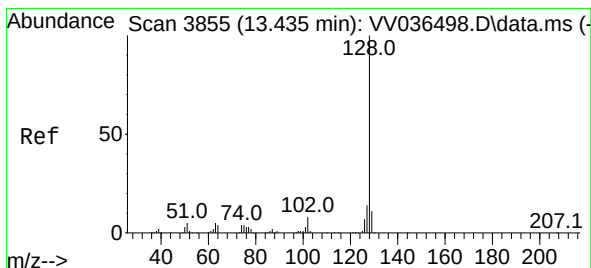
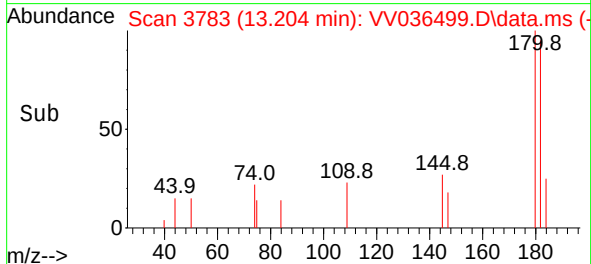
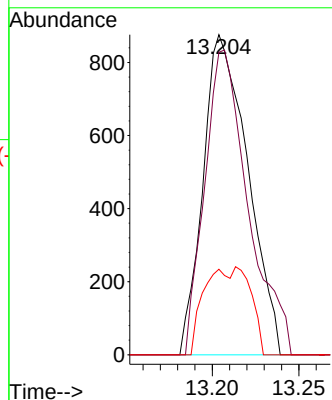


#70
1,2,4-trichlorobenzene
Concen: 0.353 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV036499.D
Acq: 12 Jul 2024 11:06

Instrument :
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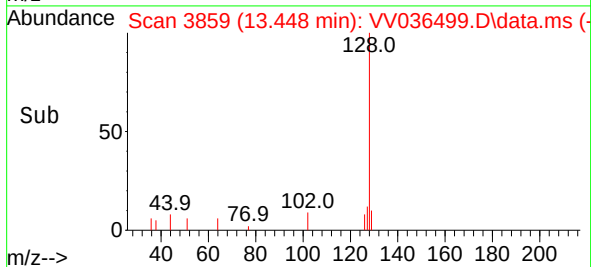
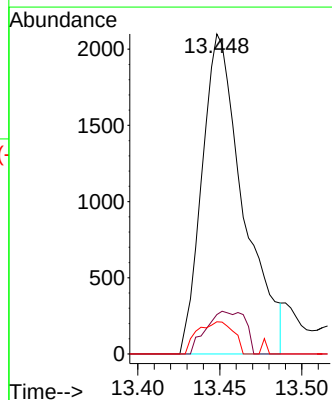
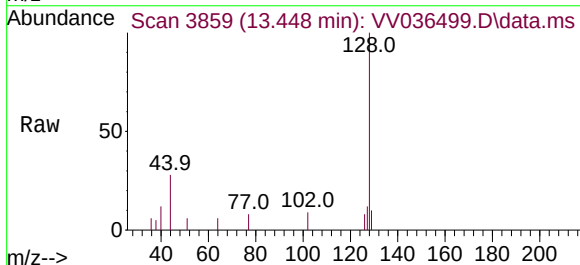


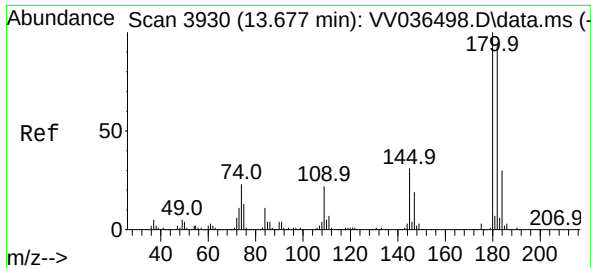
Tgt Ion:180 Resp: 1568
Ion Ratio Lower Upper
180 100
182 92.7 76.7 115.1
145 16.8 23.0 34.6#



#71
Naphthalene
Concen: 0.548 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV036499.D
Acq: 12 Jul 2024 11:06

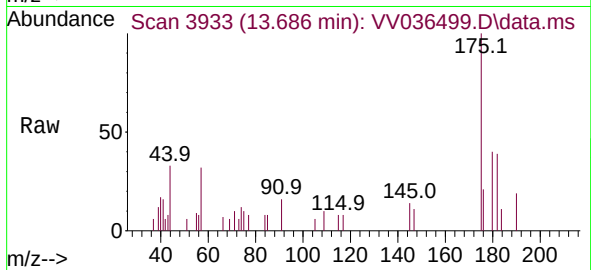
Tgt Ion:128 Resp: 3656
Ion Ratio Lower Upper
128 100
127 8.8 10.8 16.2#
129 8.8 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.328 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.010 min
 Lab File: VV036499.D
 Acq: 12 Jul 2024 11:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1379
Ion Ratio	Lower	Upper	
180	100		
182	86.5	76.6	114.8
145	23.2	24.4	36.6#

