

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036324.D
 Acq On : 27 Jun 2024 22:43
 Operator : SY/MD
 Sample : P3035-23
 Misc : 5.11g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 05:07:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

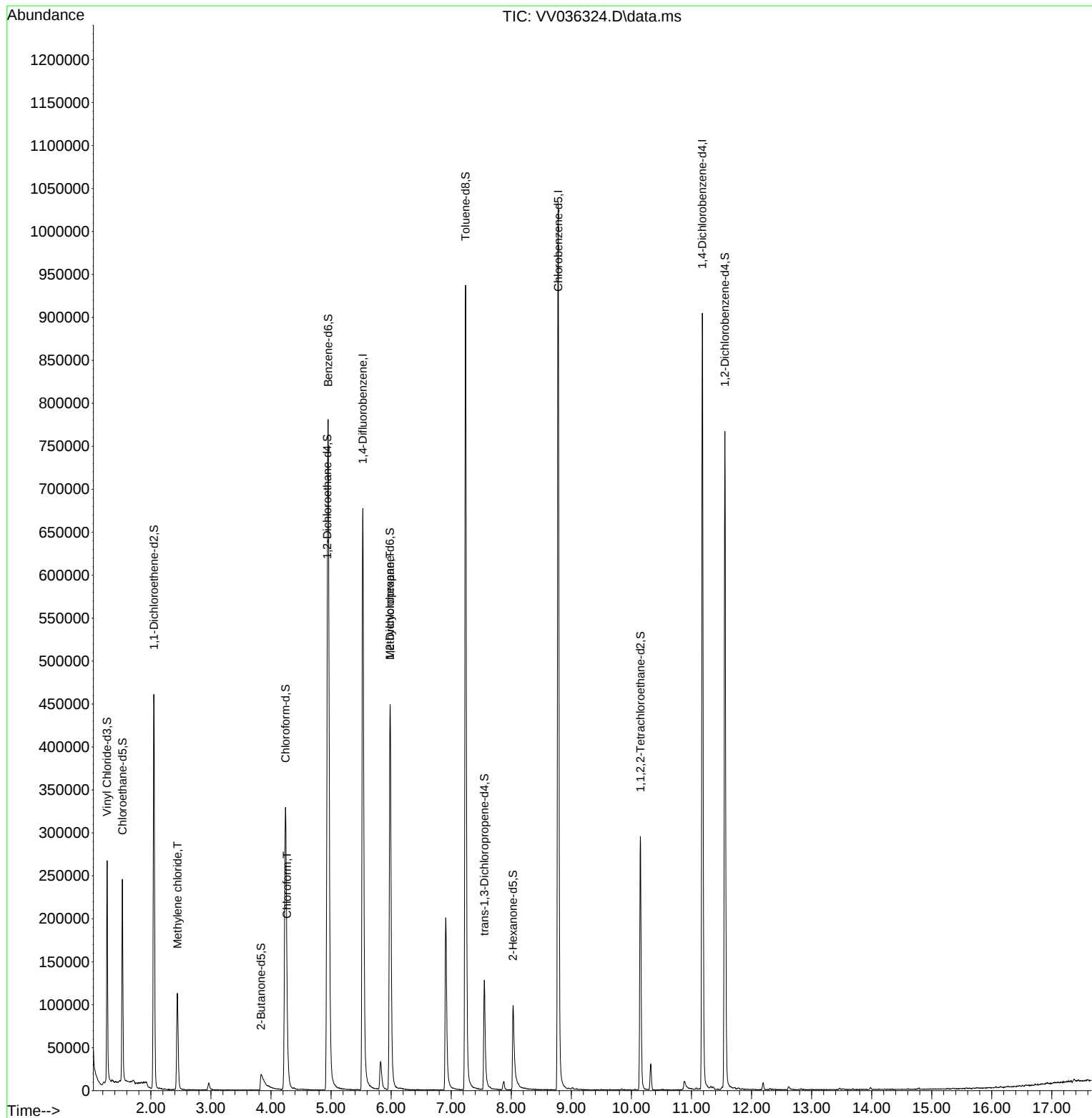
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	606437	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	586809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	238310	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	175774	17.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.280%
7) Chloroethane-d5	1.526	69	161190	19.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	2.050	65	80120	16.548	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.200%
21) 2-Butanone-d5	3.834	46	14084	5.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.780%#
24) Chloroform-d	4.243	84	363299	20.295	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.937	65	196794	20.615	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.440%
32) Benzene-d6	4.953	84	731276	22.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.320%
36) 1,2-Dichloropropane-d6	5.982	67	225477	22.630	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.520%
41) Toluene-d8	7.239	98	634201	21.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	7.551	79	79117	17.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.120%
47) 2-Hexanone-d5	8.030	63	39102	24.585	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	145199	17.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	199673	22.992	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	53279	4.463	ug/L	97
25) Chloroform	4.265	83	10567	0.588	ug/L	91
35) Methylcyclohexane	5.982	83	56689	3.709	ug/L #	22

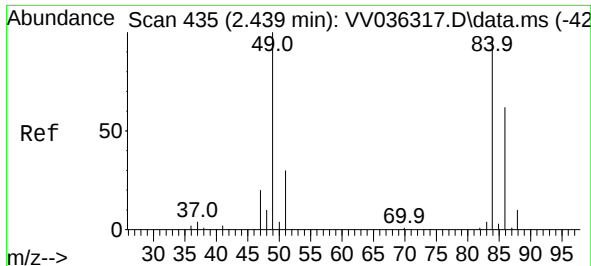
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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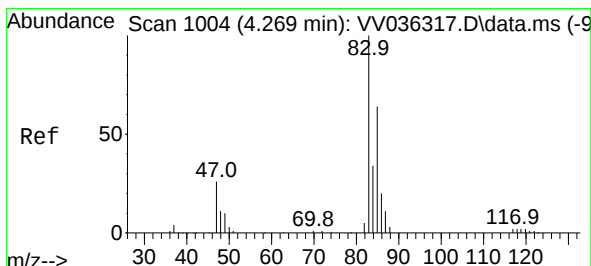
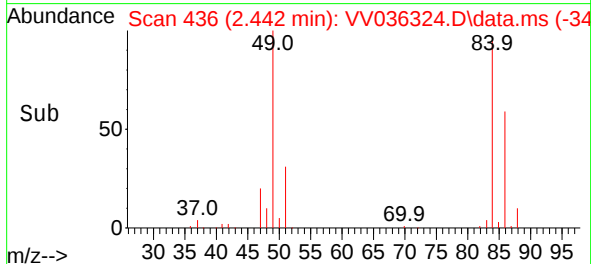
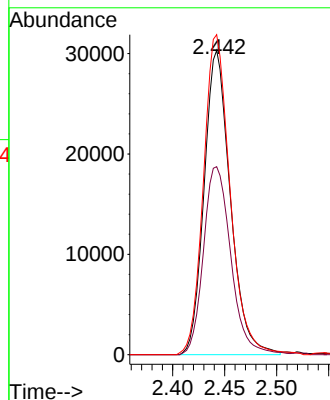
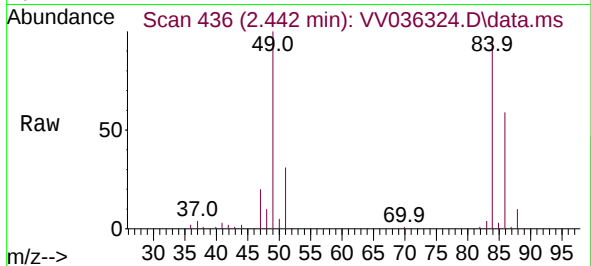




#16
Methylene chloride
Concen: 4.463 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036324.D
Acq: 27 Jun 2024 22:43

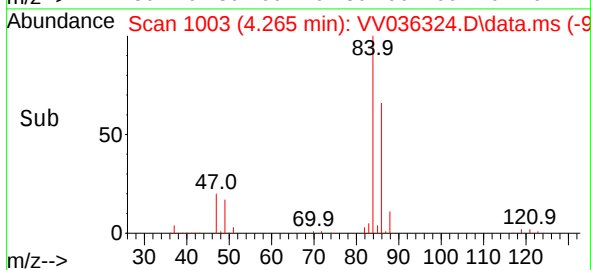
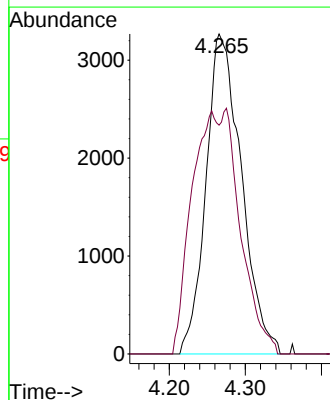
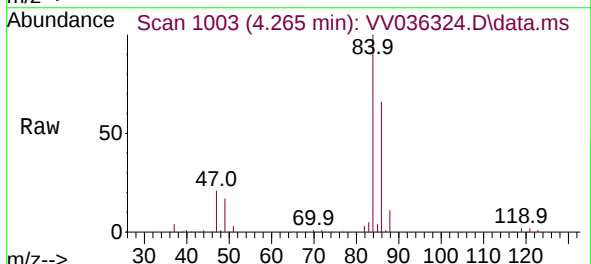
Instrument :
MSVOA_V
ClientSampleId :

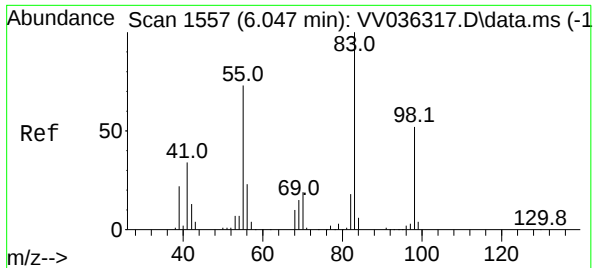
Tgt Ion: 84 Resp: 53279
Ion Ratio Lower Upper
84 100
86 61.8 45.6 84.8
49 105.1 75.7 140.5



#25
Chloroform
Concen: 0.588 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV036324.D
Acq: 27 Jun 2024 22:43

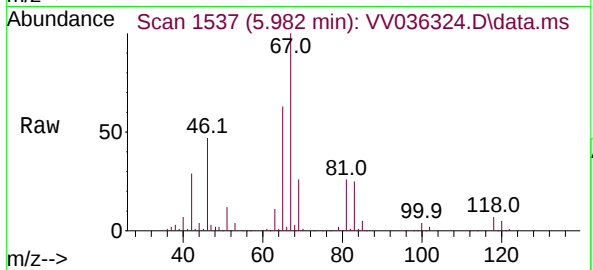
Tgt Ion: 83 Resp: 10567
Ion Ratio Lower Upper
83 100
85 71.5 45.0 83.6





#35
 Methylcyclohexane
 Concen: 3.709 ug/L
 RT: 5.982 min Scan# 1
 Delta R.T. -0.064 min
 Lab File: VV036324.D
 Acq: 27 Jun 2024 22:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	83	Resp:	56689
Ion	Ratio	Lower	Upper
83	100		
55	0.7	56.0	84.0#
98	1.9	39.0	58.6#

