

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036634.D
 Acq On : 22 Jul 2024 17:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 02:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

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

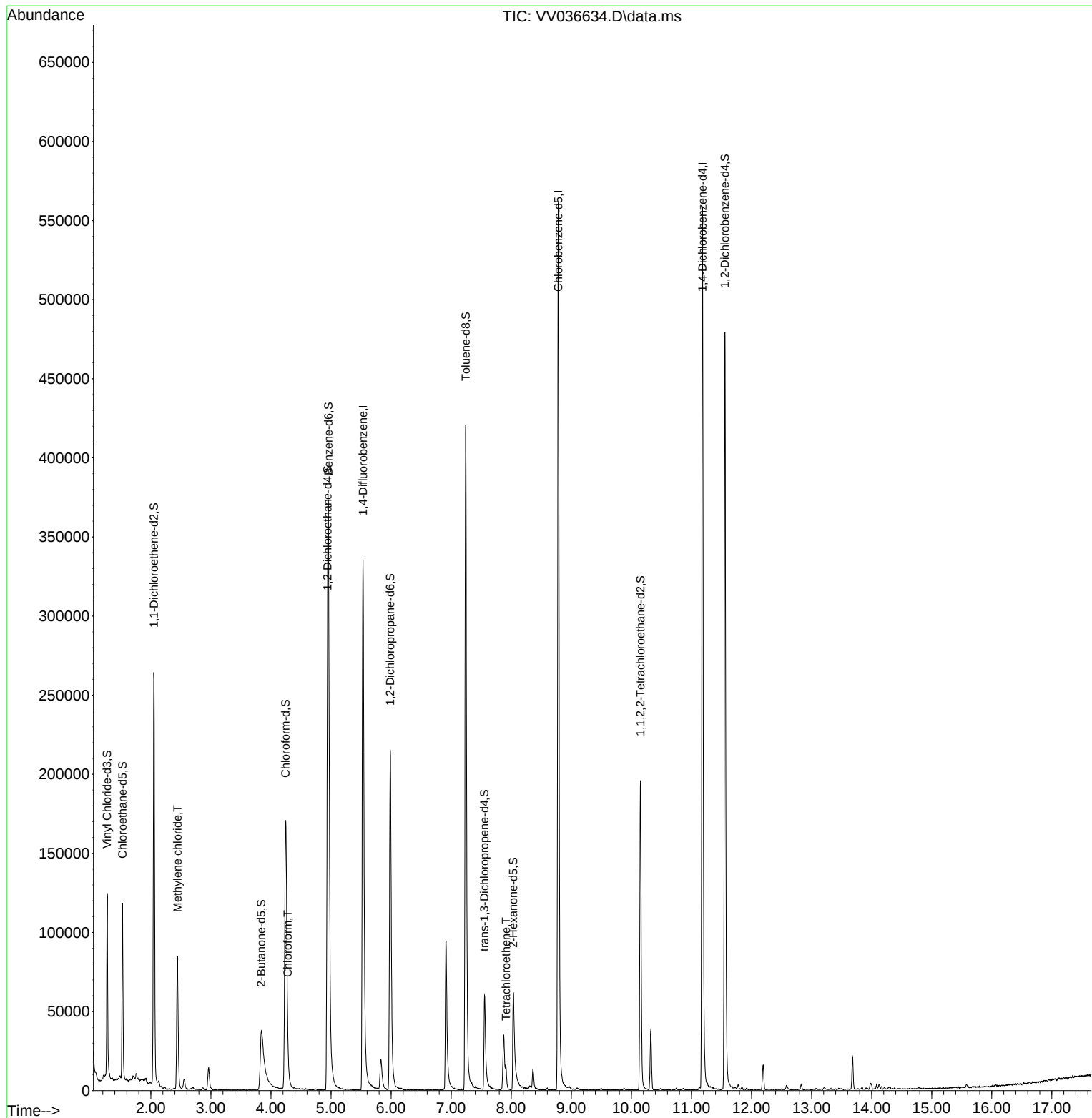
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	327091	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337958	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	76971	21.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.960%
7) Chloroethane-d5	1.526	69	74889	23.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.050	65	41744	22.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.160%
21) 2-Butanone-d5	3.838	46	26132	31.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.520%
24) Chloroform-d	4.243	84	193422	22.359	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.440%
26) 1,2-Dichloroethane-d4	4.940	65	104244	24.426	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.720%
32) Benzene-d6	4.957	84	344078	21.482	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.920%
36) 1,2-Dichloropropane-d6	5.985	67	103780	22.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	7.243	98	307895	20.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.560%
43) trans-1,3-Dichloroprop...	7.554	79	39981	19.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.840%
47) 2-Hexanone-d5	8.034	63	24483	40.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.620%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	93507	23.507	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	138547	24.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.240%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	40362	6.632	ug/L	96
25) Chloroform	4.278	83	6358	0.659	ug/L	95
46) Tetrachloroethene	7.911	164	3731	0.599	ug/L	94

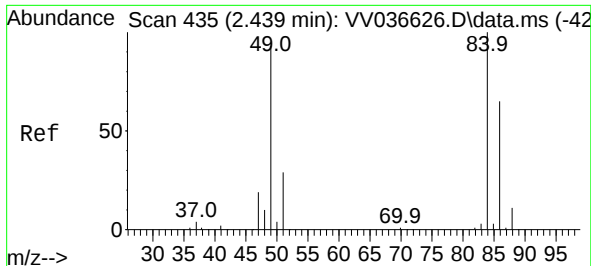
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
Response via : Initial Calibration

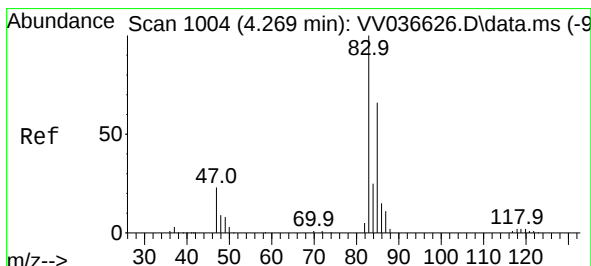
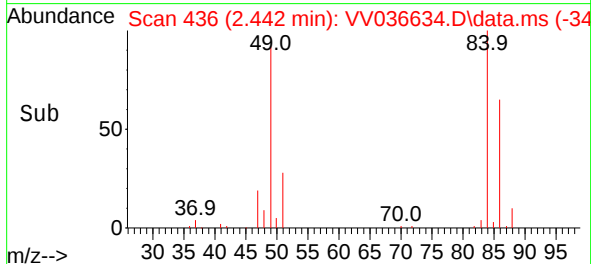
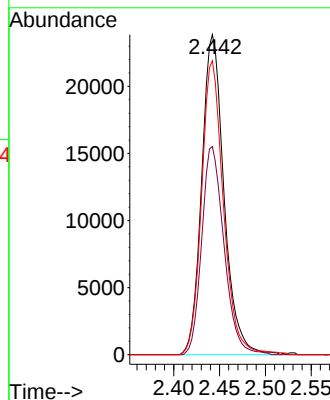
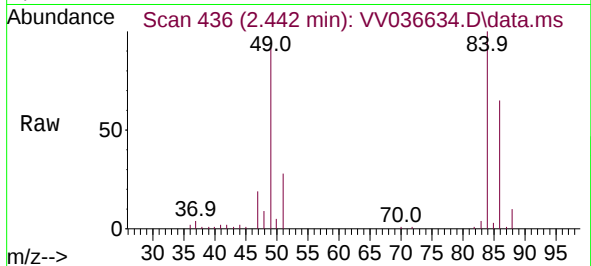




#16
Methylene chloride
Concen: 6.632 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036634.D
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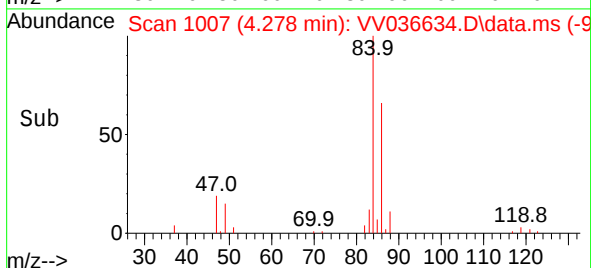
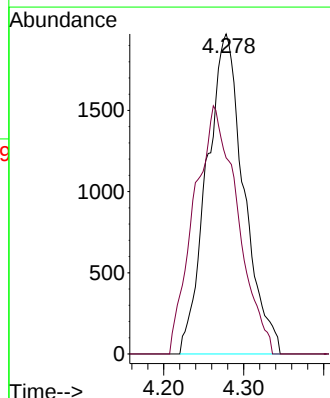
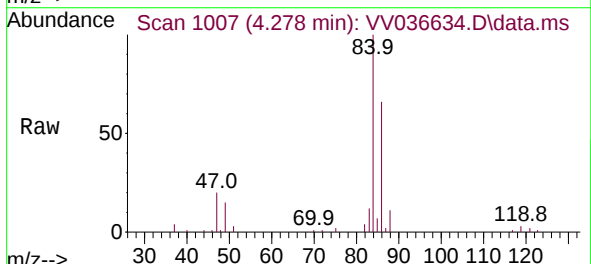
Instrument :
MSVOA_V
ClientSampleId :

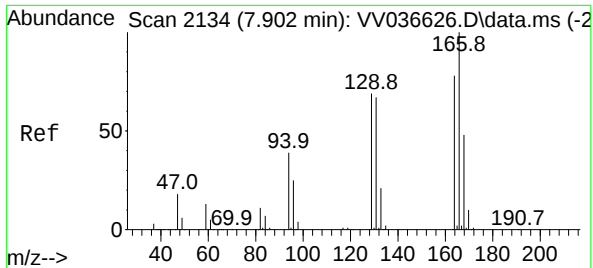
Tgt Ion: 84 Resp: 40362
Ion Ratio Lower Upper
84 100
86 65.1 47.2 87.6
49 91.9 67.3 125.1



#25
Chloroform
Concen: 0.659 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.009 min
Lab File: VV036634.D
Acq: 22 Jul 2024 17:59

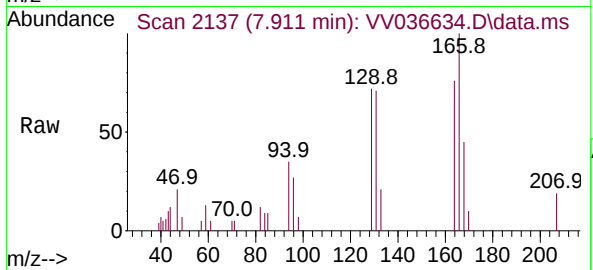
Tgt Ion: 83 Resp: 6358
Ion Ratio Lower Upper
83 100
85 61.3 45.6 84.6





#46
 Tetrachloroethene
 Concen: 0.599 ug/L
 RT: 7.911 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: VV036634.D
 Acq: 22 Jul 2024 17:59

Instrument :
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 ClientSampleId :



Tgt Ion:	164	Resp:	3731
Ion	Ratio	Lower	Upper
164	100		
129	95.0	61.0	113.2
131	93.6	60.1	111.5
166	132.1	89.7	166.7

