

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
 Data File : VV036584.D
 Acq On : 17 Jul 2024 11:16
 Operator : SY/MD
 Sample : P3238-21
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 18 01:26:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 01:25:10 2024
 Response via : Initial Calibration

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

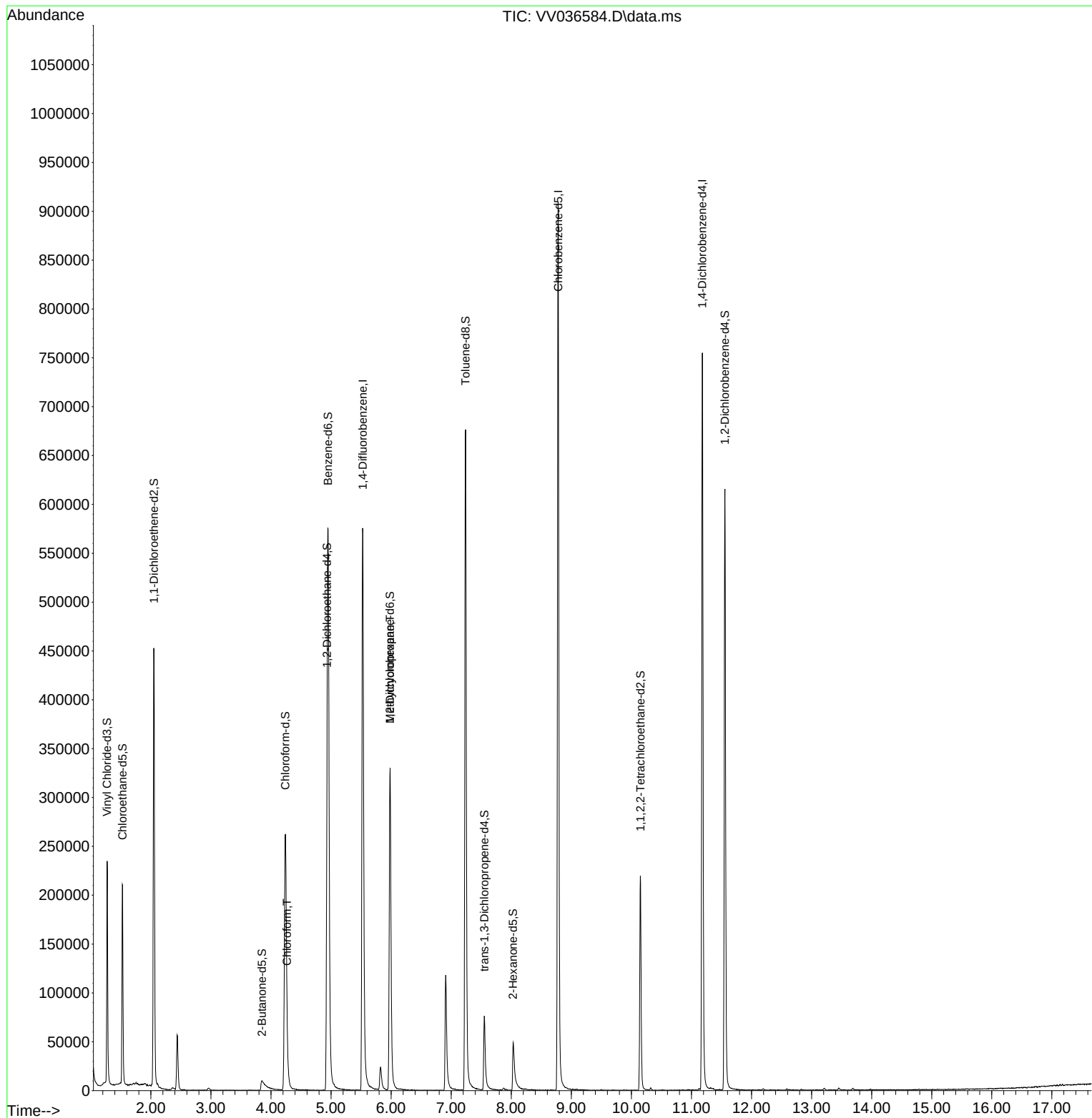
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	536793	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	540255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	215201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	151483	19.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
7) Chloroethane-d5	1.526	69	136546	20.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	2.050	65	72222	18.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.160%
21) 2-Butanone-d5	3.851	46	15042	11.428	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.860%
24) Chloroform-d	4.240	84	293502	18.784	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.120%
26) 1,2-Dichloroethane-d4	4.934	65	139055	17.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.760%
32) Benzene-d6	4.950	84	548270	20.342	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.360%
36) 1,2-Dichloropropane-d6	5.982	67	159325	19.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.320%
41) Toluene-d8	7.239	98	476349	19.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.551	79	49051	14.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.760%
47) 2-Hexanone-d5	8.030	63	19265	21.594	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102428	15.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	173344	23.736	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.960%
Target Compounds						Qvalue
25) Chloroform	4.269	83	9024	0.583	ug/L	81
35) Methylcyclohexane	5.982	83	41657	4.290	ug/L #	21

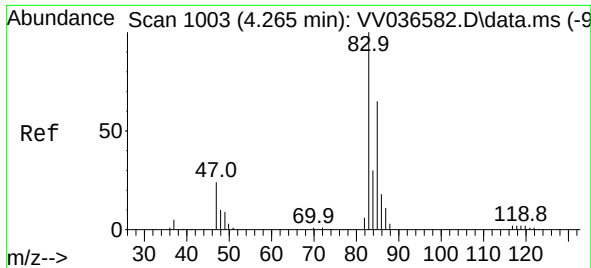
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.583 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

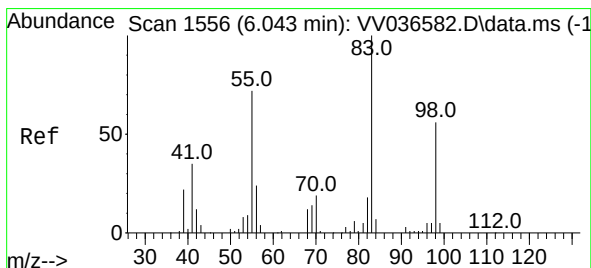
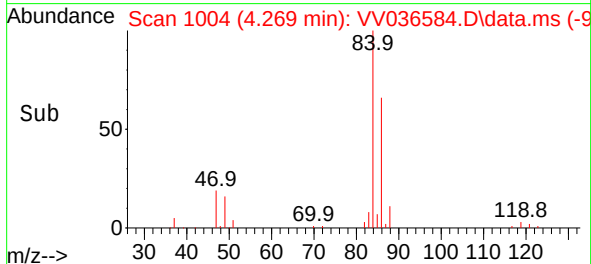
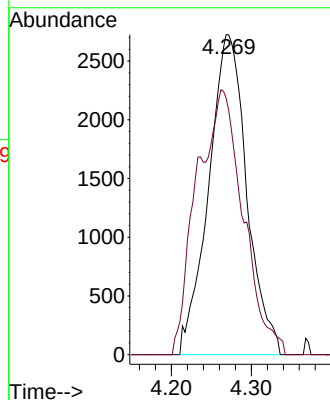
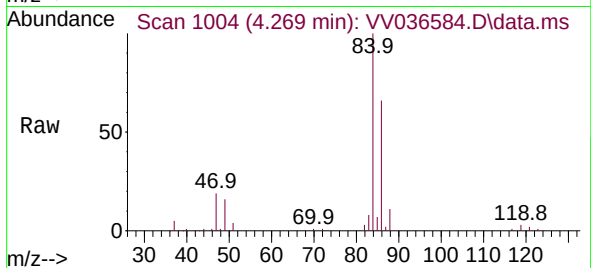
ClientSampleId :

Tgt Ion: 83 Resp: 9024

Ion Ratio Lower Upper

83 100

85 80.2 45.6 84.6



#35

Methylcyclohexane

Concen: 4.290 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.061 min

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Tgt Ion: 83 Resp: 41657

Ion Ratio Lower Upper

83 100

55 0.4 54.3 81.5#

98 1.4 41.7 62.5#

