

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
 Data File : VV036583.D
 Acq On : 17 Jul 2024 10:42
 Operator : SY/MD
 Sample : VV0717SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 18 01:25:50 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)

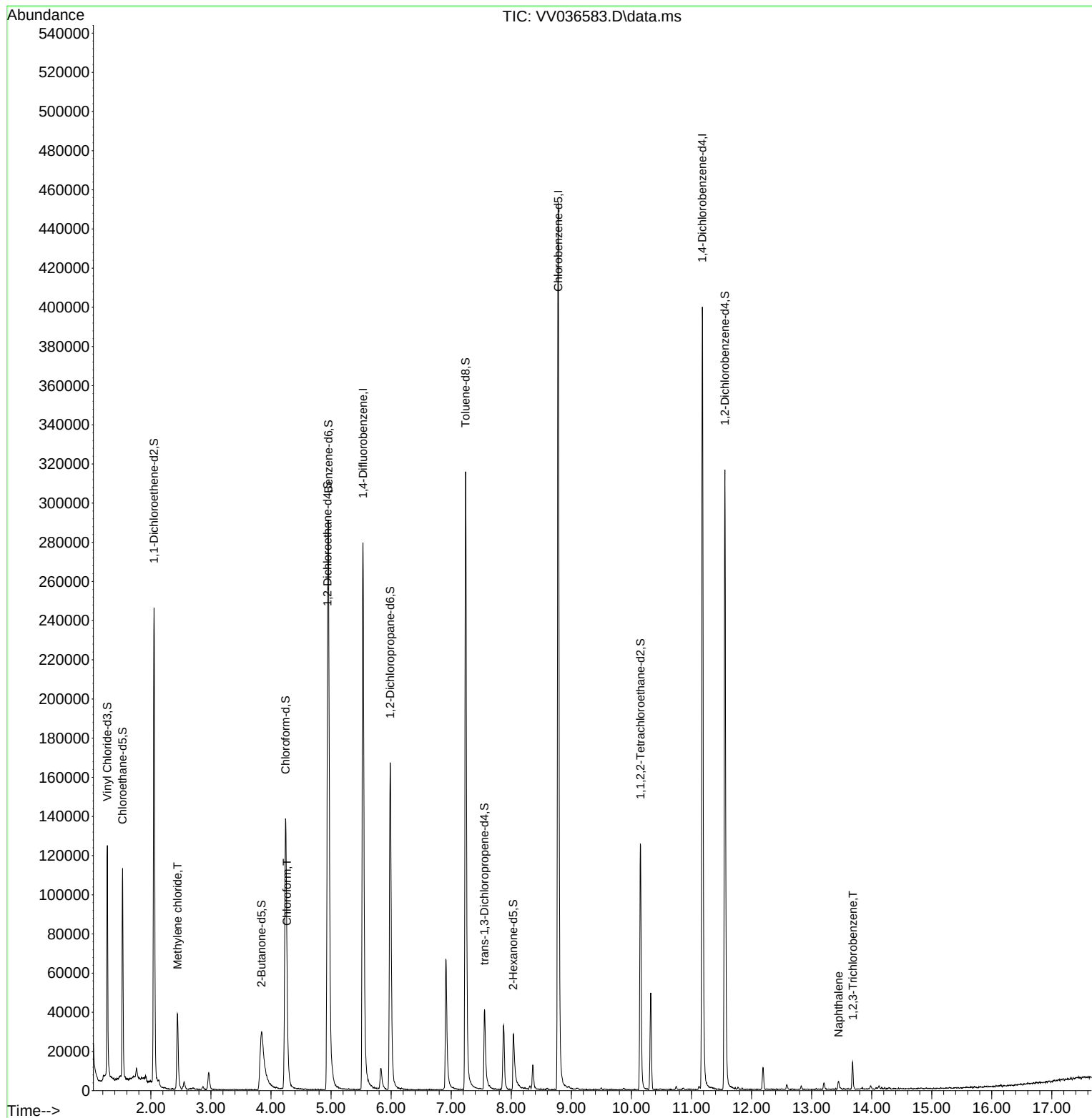
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	262341	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	279221	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	116390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	77235	20.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.200%
7) Chloroethane-d5	1.529	69	69671	21.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.053	65	38694	20.048	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.200%
21) 2-Butanone-d5	3.844	46	4340	6.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.500%#
24) Chloroform-d	4.243	84	153738	20.133	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.520%
26) 1,2-Dichloroethane-d4	4.941	65	73800	19.486	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.960%
32) Benzene-d6	4.957	84	273460	19.631	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	5.986	67	82347	19.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.360%
41) Toluene-d8	7.239	98	229019	17.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.280%
43) trans-1,3-Dichloroprop...	7.555	79	28502	16.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.040%
47) 2-Hexanone-d5	8.034	63	10752	23.319	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	61814	17.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	89879	22.755	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.040%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	17977	3.333	ug/L	100
25) Chloroform	4.269	83	5049	0.667	ug/L	86
71) Naphthalene	13.451	128	4547	0.715	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.686	180	1622	0.405	ug/L	88

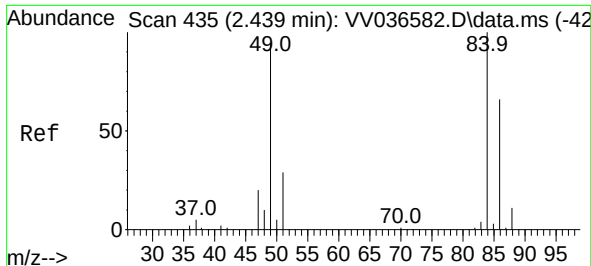
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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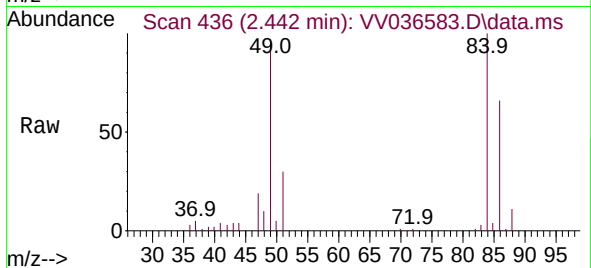
Quant Time: Jul 18 01:25:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 01:25:10 2024
Response via : Initial Calibration



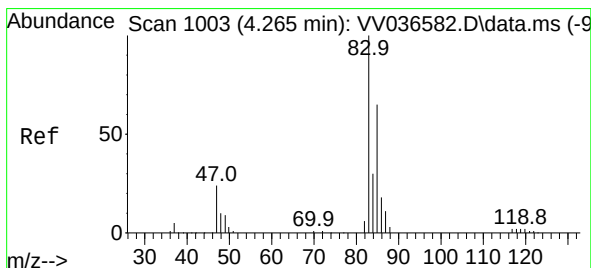
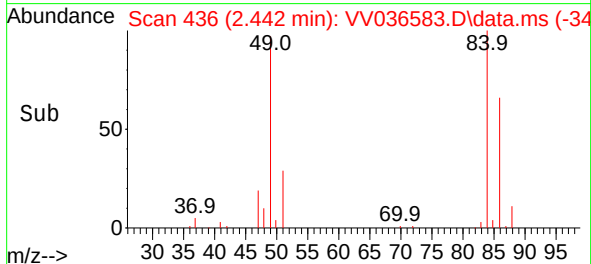
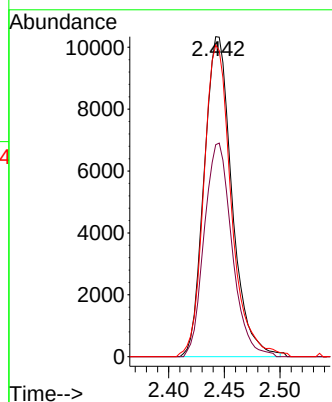


#16
Methylene chloride
Concen: 3.333 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036583.D
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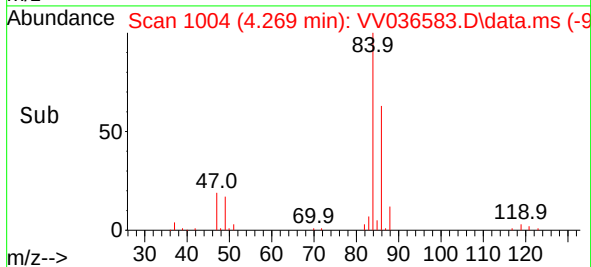
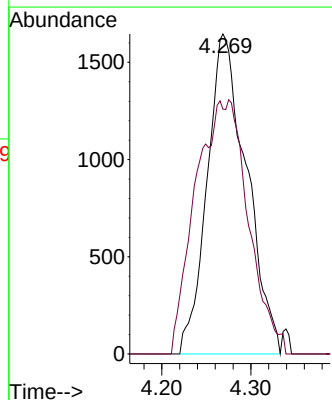
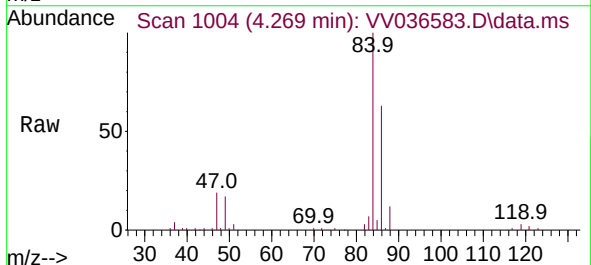


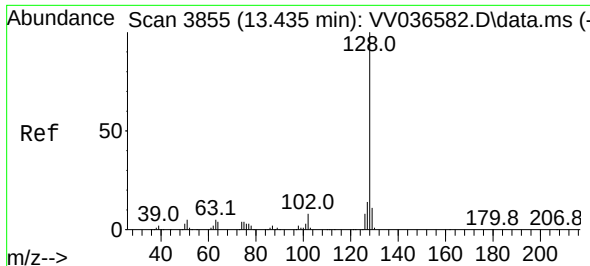
Tgt Ion: 84 Resp: 17977
Ion Ratio Lower Upper
84 100
86 66.3 46.3 86.1
49 97.4 68.1 126.5



#25
Chloroform
Concen: 0.667 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036583.D
Acq: 17 Jul 2024 10:42

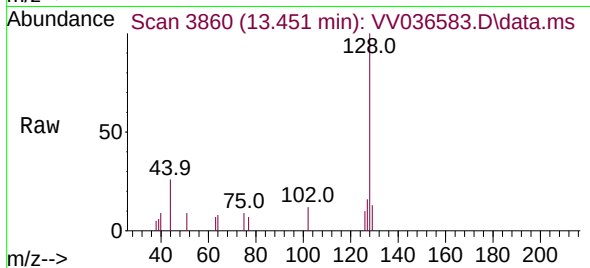
Tgt Ion: 83 Resp: 5049
Ion Ratio Lower Upper
83 100
85 76.5 45.6 84.6



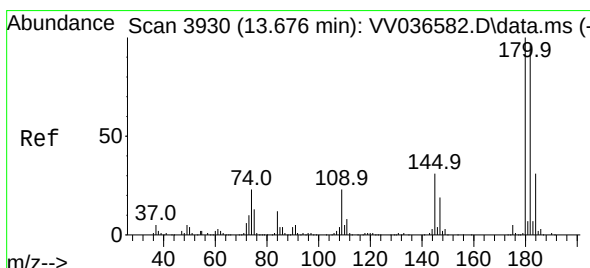
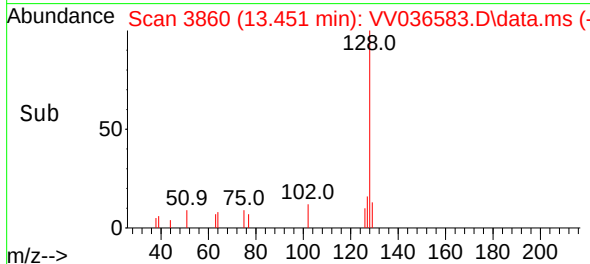
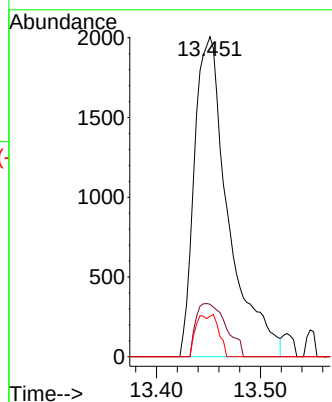


#71
Naphthalene
Concen: 0.715 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV036583.D
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Tgt Ion:128 Resp: 4547
Ion Ratio Lower Upper
128 100
127 14.3 10.8 16.2
129 4.6 8.6 13.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.405 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.010 min
Lab File: VV036583.D
Acq: 17 Jul 2024 10:42

Tgt Ion:180 Resp: 1622
Ion Ratio Lower Upper
180 100
182 81.3 76.6 114.8
145 32.1 24.4 36.6

