

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035887.D
 Acq On : 30 May 2024 12:15
 Operator : SY/MD
 Sample : VV0530SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:50:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

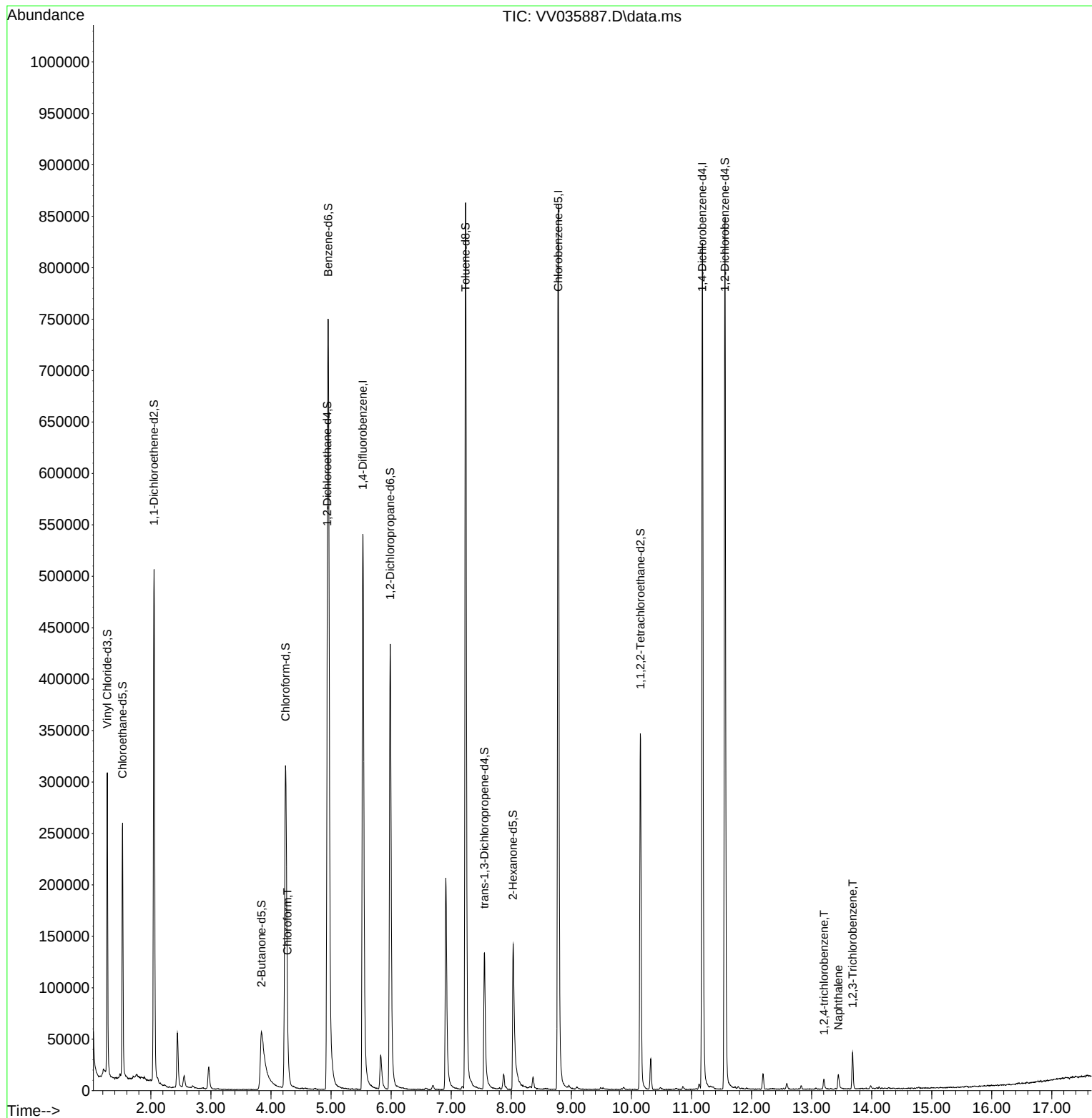
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	488710	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	490181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	221332	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	196750	21.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
7) Chloroethane-d5	1.529	69	163162	22.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
11) 1,1-Dichloroethene-d2	2.053	65	86601	21.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	3.841	46	80683	39.139	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.280%
24) Chloroform-d	4.243	84	355618	22.888	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	4.937	65	188378	23.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.480%
32) Benzene-d6	4.953	84	698700	23.979	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	5.985	67	226460	24.680	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	7.239	98	595634	23.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	7.551	79	87999	23.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	8.030	63	60633	48.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	175004	25.523	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	223582	27.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.200%
Target Compounds						
25) Chloroform	4.275	83	10071	0.618	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	3781	0.430	ug/L	97
71) Naphthalene	13.445	128	13709	0.956	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	3700	0.462	ug/L	98

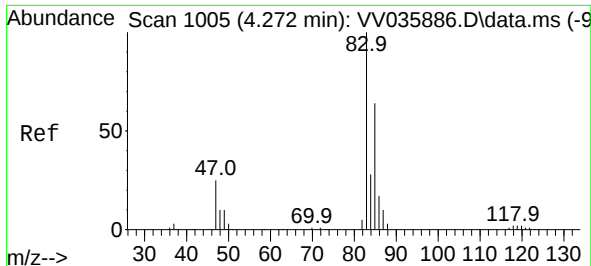
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.618 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

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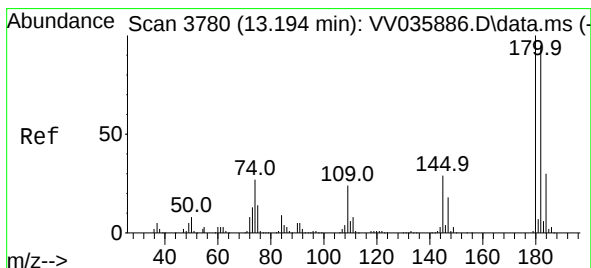
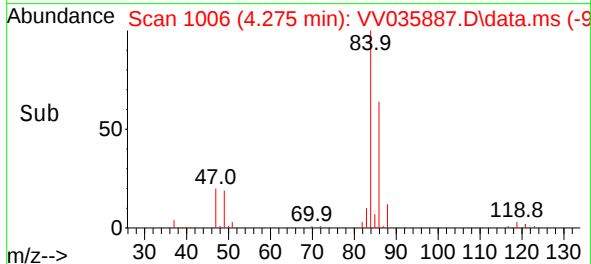
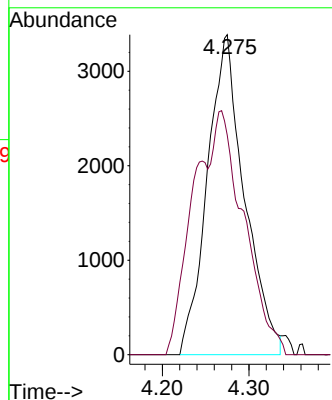
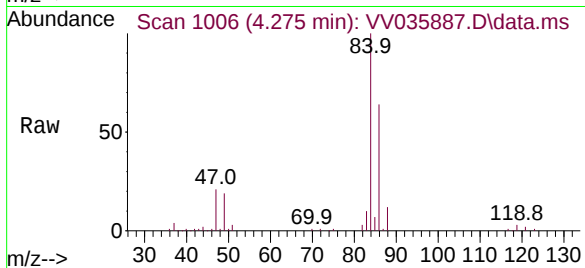
ClientSampleId :

Tgt Ion: 83 Resp: 10071

Ion Ratio Lower Upper

83 100

85 68.6 45.2 84.0



#70

1,2,4-trichlorobenzene

Concen: 0.430 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.013 min

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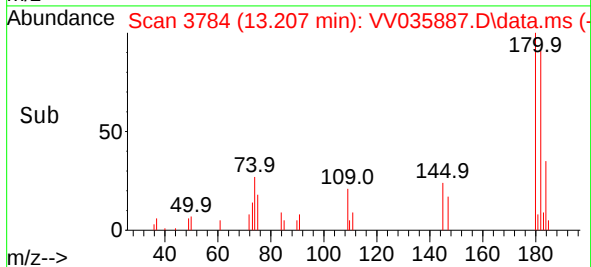
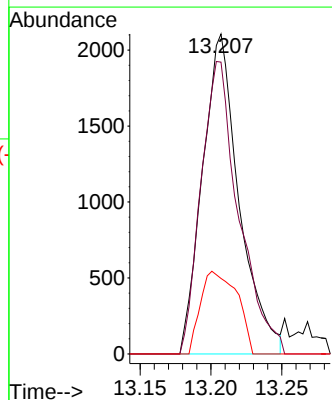
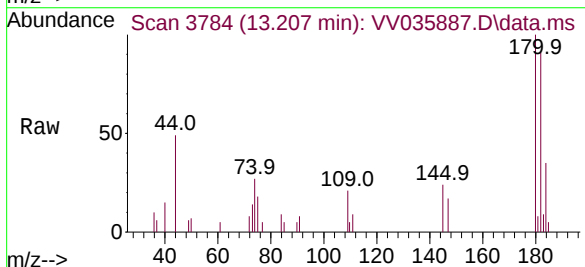
Tgt Ion:180 Resp: 3781

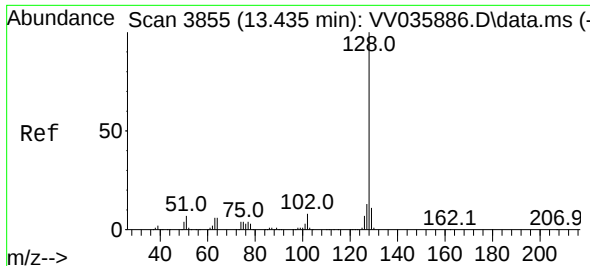
Ion Ratio Lower Upper

180 100

182 93.8 76.1 114.1

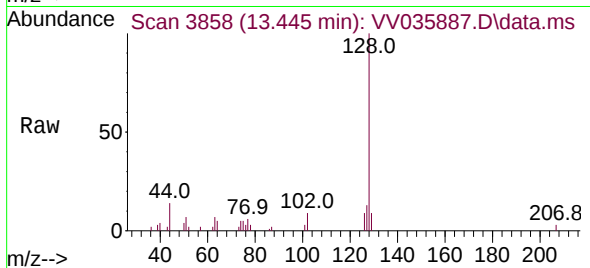
145 25.8 23.5 35.3



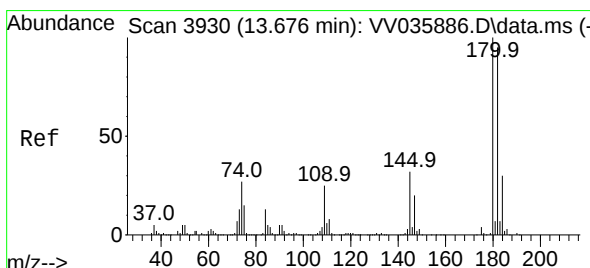
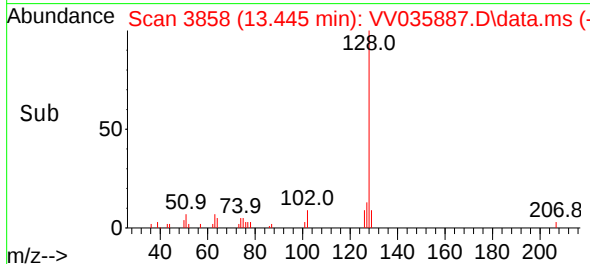
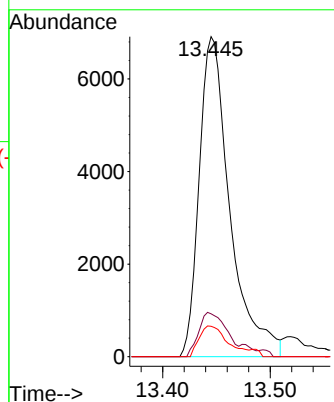


#71
Naphthalene
Concen: 0.956 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
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ClientSampleId :



Tgt Ion:128 Resp: 13709
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 8.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.462 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV035887.D
Acq: 30 May 2024 12:15

Tgt Ion:180 Resp: 3700
Ion Ratio Lower Upper
180 100
182 94.5 75.1 112.7
145 35.8 25.2 37.8

