

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035888.D
 Acq On : 30 May 2024 12:36
 Operator : SY/MD
 Sample : P2568-23
 Misc : 4.99g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:50:49 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)

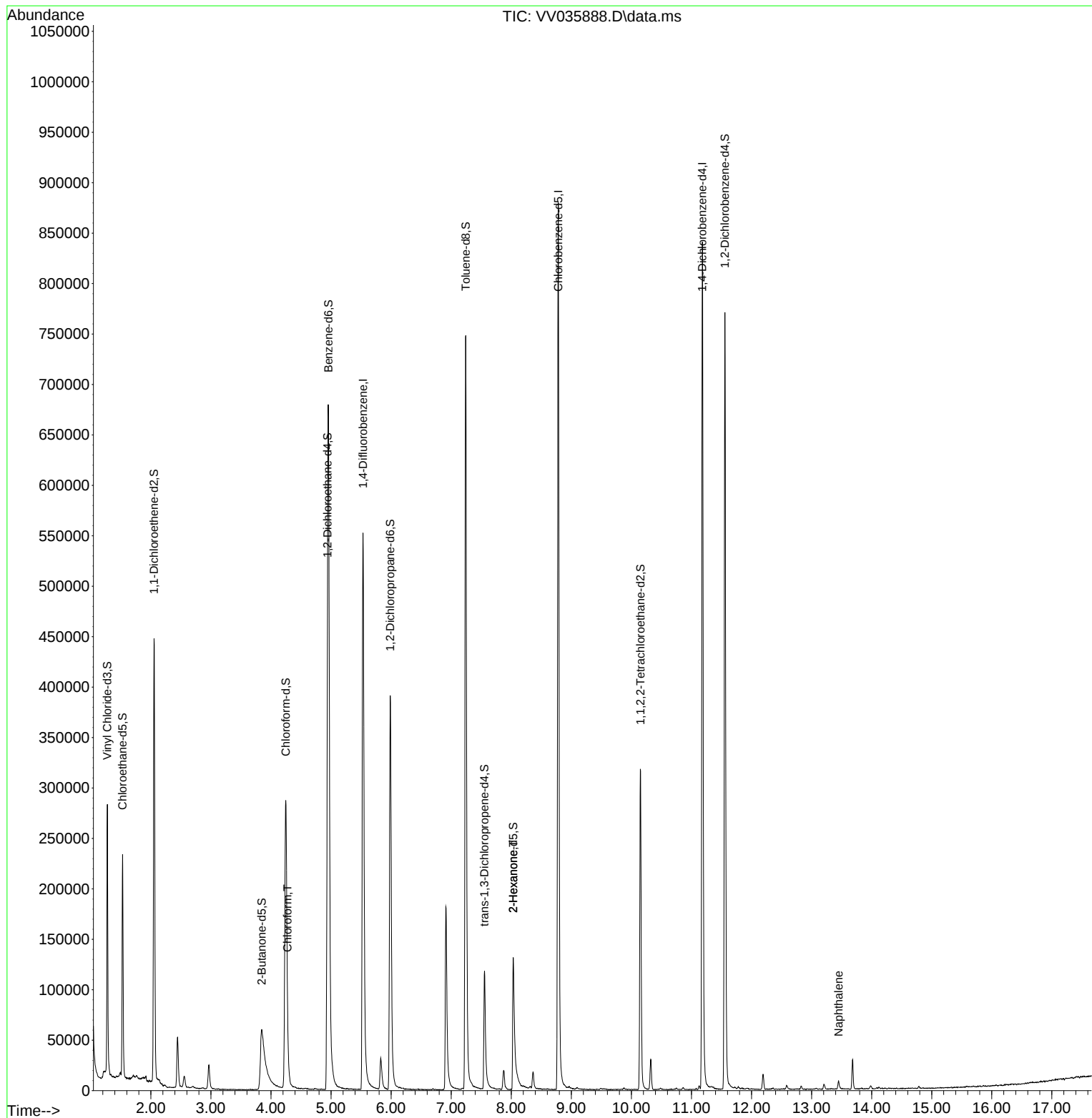
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	497630	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	500445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	226154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	173764	18.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
7) Chloroethane-d5	1.529	69	145318	19.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.680%
11) 1,1-Dichloroethene-d2	2.053	65	76289	18.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.920%
21) 2-Butanone-d5	3.844	46	60363	28.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.520%
24) Chloroform-d	4.246	84	318631	20.140	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.560%
26) 1,2-Dichloroethane-d4	4.940	65	174663	21.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.240%
32) Benzene-d6	4.957	84	623897	20.973	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.880%
36) 1,2-Dichloropropane-d6	5.985	67	205050	21.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.560%
41) Toluene-d8	7.243	98	521047	19.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.554	79	80674	21.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.000%
47) 2-Hexanone-d5	8.034	63	54295	42.778	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	163267	23.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	202780	24.451	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
25) Chloroform	4.275	83	9235	0.557	ug/L	89
48) 2-Hexanone	8.034	43	5400	1.479	ug/L #	49
71) Naphthalene	13.448	128	7350	0.502	ug/L	98

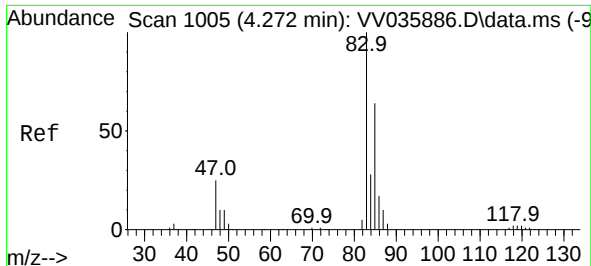
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
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#25

Chloroform

Concen: 0.557 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

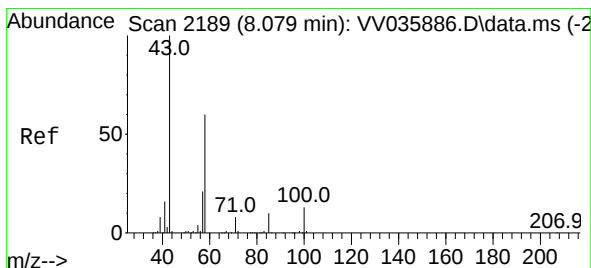
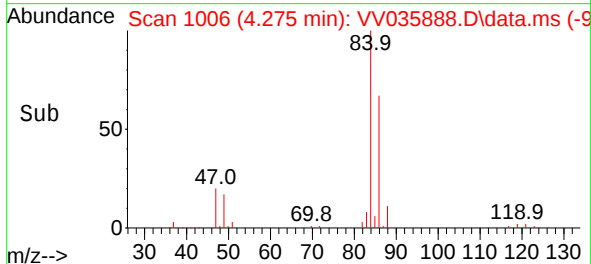
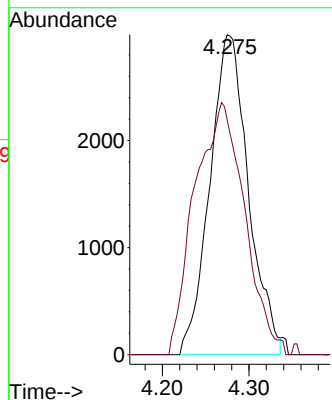
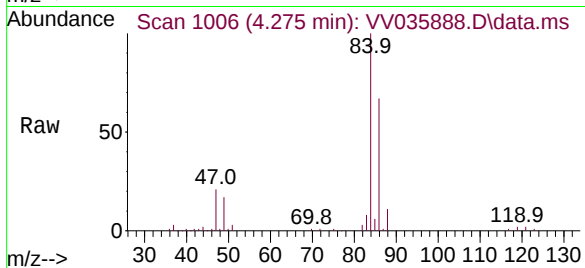
ClientSampleId :

Tgt Ion: 83 Resp: 9235

Ion Ratio Lower Upper

83 100

85 73.3 45.2 84.0



#48

2-Hexanone

Concen: 1.479 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

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Tgt Ion: 43 Resp: 5400

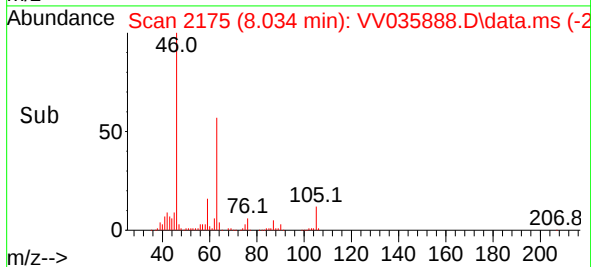
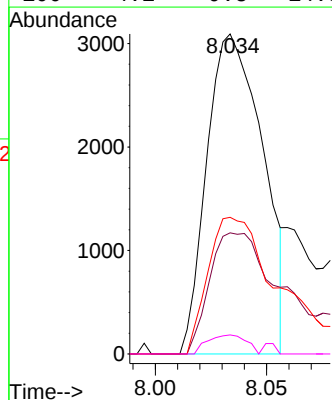
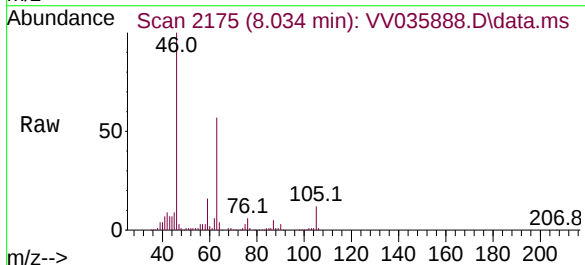
Ion Ratio Lower Upper

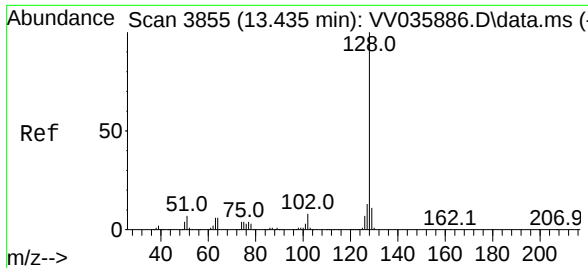
43 100

58 20.2 45.4 68.0#

57 53.4 15.8 23.8#

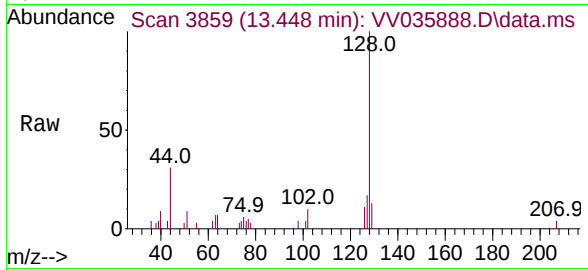
100 4.1 9.8 14.8#





#71
Naphthalene
Concen: 0.502 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
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ClientSampleId :



Tgt Ion:	128	Resp:	7350
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.6	16.0
129	10.2	8.8	13.2

