

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035917.D
 Acq On : 31 May 2024 10:24
 Operator : SY/MD
 Sample : P2632-21
 Misc : 5.02g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:00:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

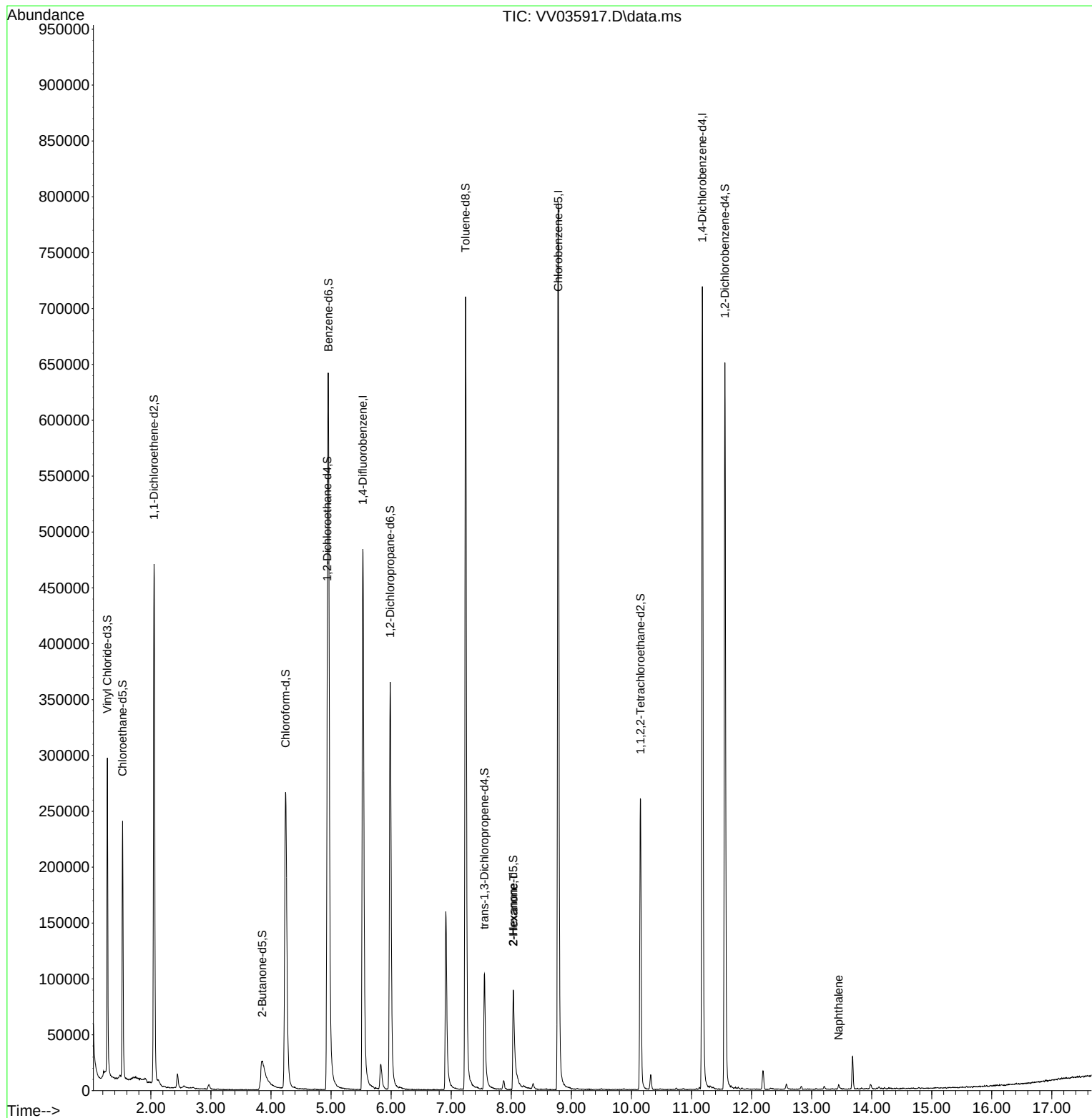
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	437340	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	454227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	193557	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	181392	22.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.240%
7) Chloroethane-d5	1.529	69	148288	23.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.520%
11) 1,1-Dichloroethene-d2	2.053	65	80161	22.395	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.560%
21) 2-Butanone-d5	3.854	46	40359	21.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.760%
24) Chloroform-d	4.243	84	299895	21.569	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.280%
26) 1,2-Dichloroethane-d4	4.937	65	159651	21.900	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	4.957	84	598279	22.158	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.640%
36) 1,2-Dichloropropane-d6	5.985	67	190561	22.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.640%
41) Toluene-d8	7.239	98	499943	20.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.960%
43) trans-1,3-Dichloroprop...	7.554	79	69018	19.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.200%
47) 2-Hexanone-d5	8.034	63	35279	30.624	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.240%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	134194	21.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	175081	24.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
48) 2-Hexanone	8.037	43	4077	1.230	ug/L #	70
71) Naphthalene	13.451	128	4084	0.326	ug/L #	91

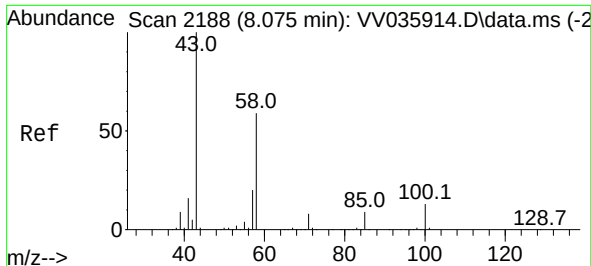
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#48

2-Hexanone

Concen: 1.230 ug/L

RT: 8.037 min Scan# 2188

Delta R.T. -0.039 min

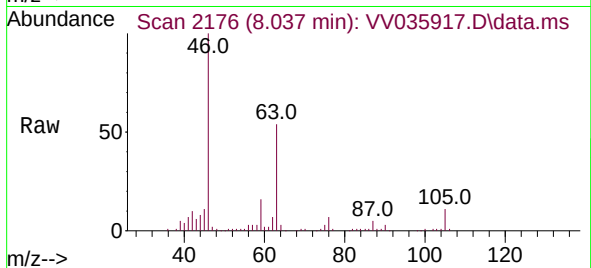
Lab File: VV035917.D

Acq: 31 May 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4077

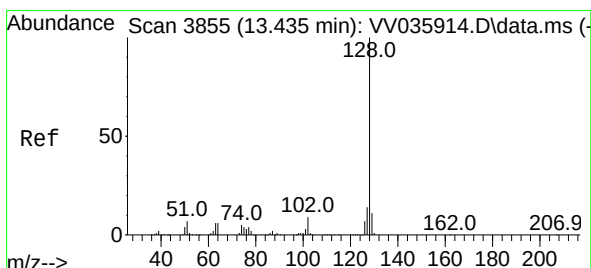
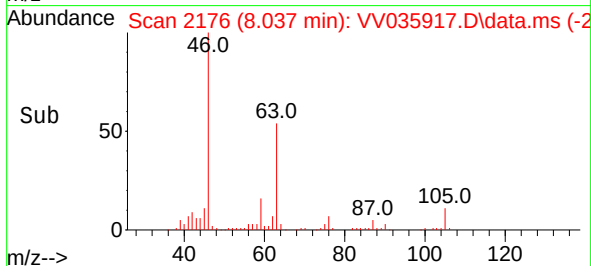
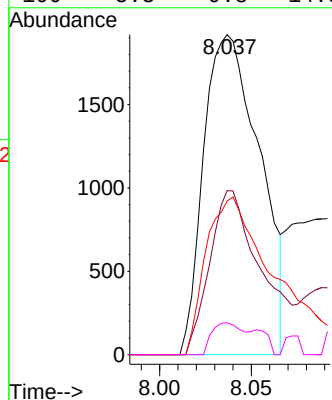
Ion Ratio Lower Upper

43 100

58 47.2 45.4 68.0

57 60.3 15.8 23.8#

100 5.3 9.8 14.8#



#71

Naphthalene

Concen: 0.326 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

Lab File: VV035917.D

Acq: 31 May 2024 10:24

Tgt Ion: 128 Resp: 4084

Ion Ratio Lower Upper

128 100

127 11.8 10.6 16.0

129 5.1 8.8 13.2#

