

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035971.D
 Acq On : 04 Jun 2024 12:29
 Operator : SY/MD
 Sample : P2695-13
 Misc : 6.51g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 04:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 04:01:54 2024
 Response via : Initial Calibration

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

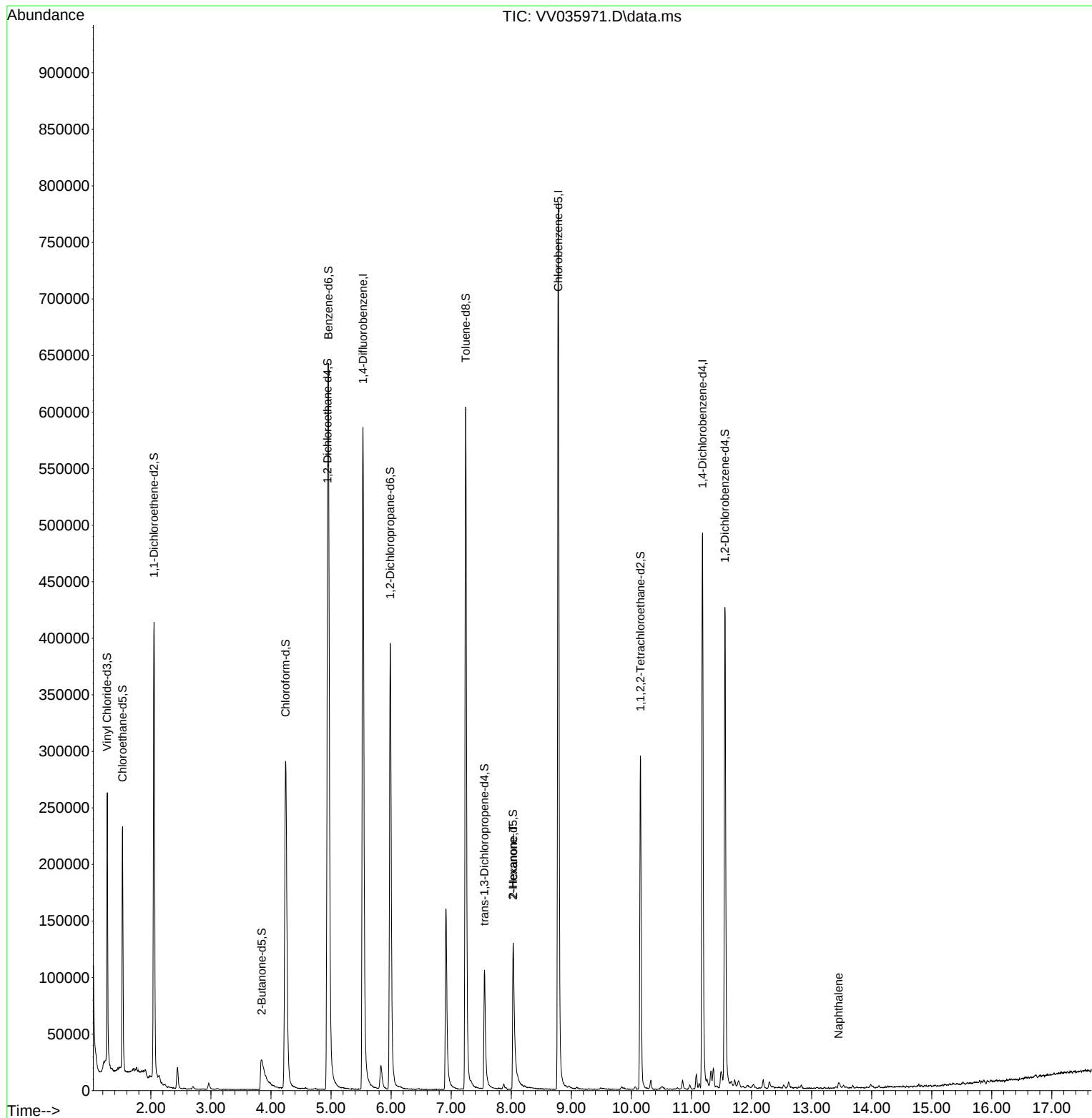
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	515486	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	439687	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134224	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	157503	16.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.480%
7) Chloroethane-d5	1.529	69	143137	18.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.760%
11) 1,1-Dichloroethene-d2	2.053	65	69578	16.491	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.960%
21) 2-Butanone-d5	3.844	46	66284	30.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.960%
24) Chloroform-d	4.243	84	325261	19.847	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	4.941	65	177450	20.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	4.957	84	587747	22.488	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	5.986	67	205830	25.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	7.243	98	426395	18.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.960%
43) trans-1,3-Dichloroprop...	7.555	79	68638	20.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.360%
47) 2-Hexanone-d5	8.031	63	50779	45.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	149240	24.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	113672	23.094	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.360%
Target Compounds					Qvalue	
48) 2-Hexanone	8.034	43	6400	1.995	ug/L #	72
71) Naphthalene	13.452	128	4413	0.508	ug/L #	87

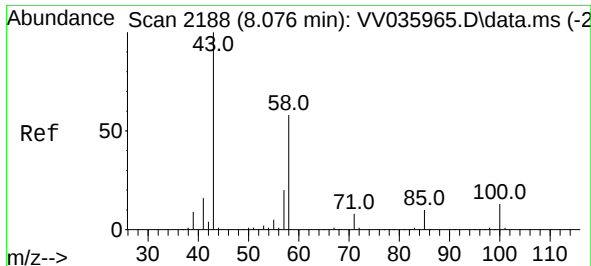
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 04:01:54 2024
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#48

2-Hexanone

Concen: 1.995 ug/L

RT: 8.034 min Scan# 2188

Delta R.T. -0.042 min

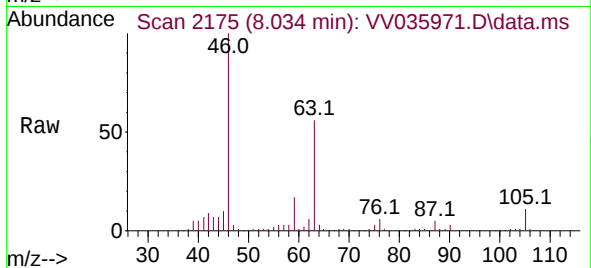
Lab File: VV035971.D

Acq: 04 Jun 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 6400

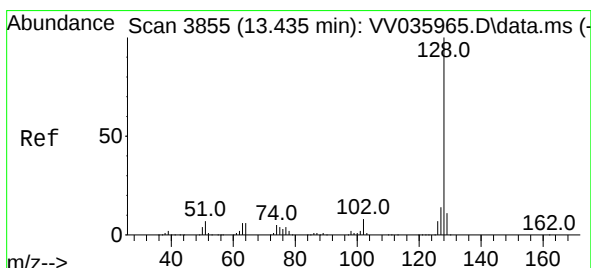
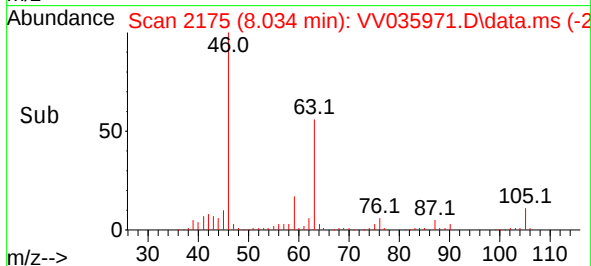
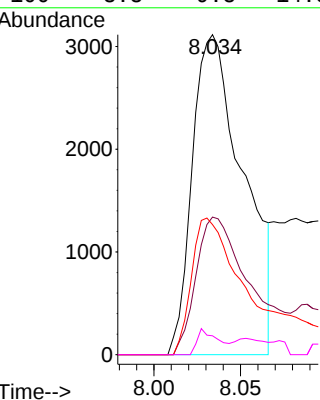
Ion Ratio Lower Upper

43 100

58 46.5 45.4 68.0

57 51.8 15.8 23.8#

100 3.3 9.8 14.8#



#71

Naphthalene

Concen: 0.508 ug/L

RT: 13.452 min Scan# 3860

Delta R.T. 0.016 min

Lab File: VV035971.D

Acq: 04 Jun 2024 12:29

Tgt Ion: 128 Resp: 4413

Ion Ratio Lower Upper

128 100

127 8.9 10.6 16.0#

129 5.1 8.8 13.2#

