

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036395.D
 Acq On : 01 Jul 2024 23:52
 Operator : SY/MD
 Sample : P3087-14
 Misc : 5.59g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:26:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

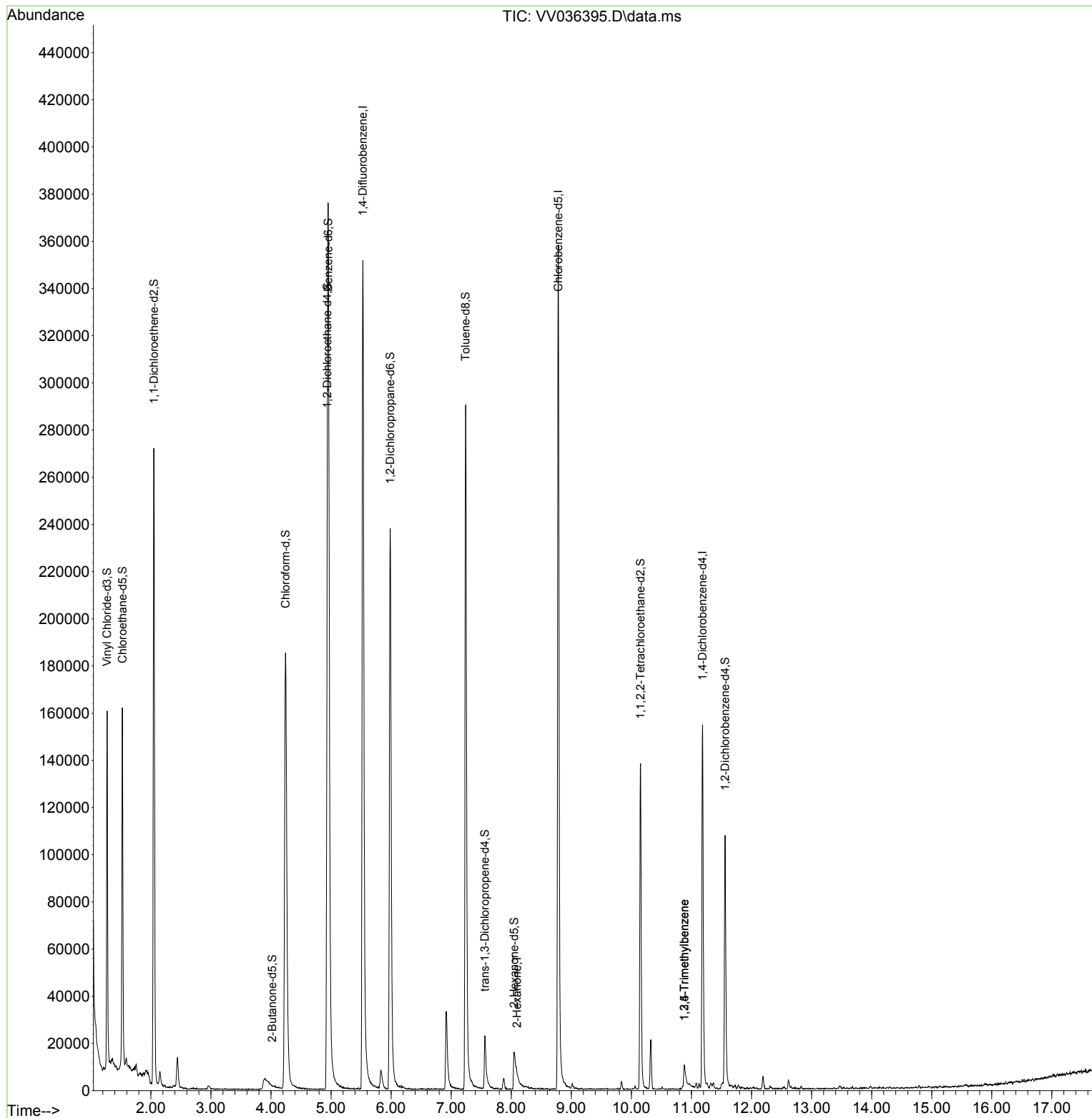
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	322682	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	209260	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	43879	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	101244	18.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.880%
7) Chloroethane-d5	1.526	69	103636	23.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	2.050	65	45612	17.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.840%
21) 2-Butanone-d5	4.021	46	134	0.105	ug/L	0.18
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.220%#
24) Chloroform-d	4.243	84	206587	21.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.760%
26) 1,2-Dichloroethane-d4	4.937	65	112025	22.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.953	84	343831	29.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.440%
36) 1,2-Dichloropropane-d6	5.986	67	120466	33.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.600%#
41) Toluene-d8	7.240	98	208596	19.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.360%
43) trans-1,3-Dichloroprop...	7.561	79	16300	10.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.080%
47) 2-Hexanone-d5	8.047	63	5851	10.316	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	69675	23.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.680%
66) 1,2-Dichlorobenzene-d4	11.561	152	28552	17.856	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.440%#
Target Compounds					Qvalue	
48) 2-Hexanone	8.095	43	4810	3.425	ug/L #	38
62) 1,3,5-Trimethylbenzene	10.883	105	4626	1.219	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.883	105	4626	1.121	ug/L #	31

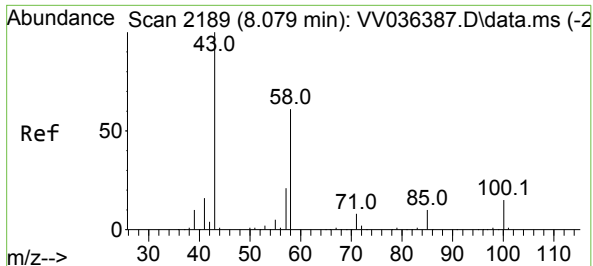
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 02 05:19:46 2024
Response via : Initial Calibration





#48

2-Hexanone

Concen: 3.425 ug/L

RT: 8.095 min Scan# 2189

Delta R.T. 0.016 min

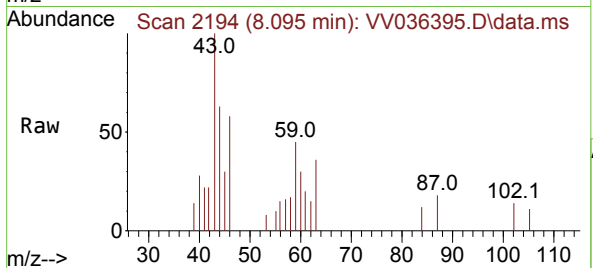
Lab File: VV036395.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4810

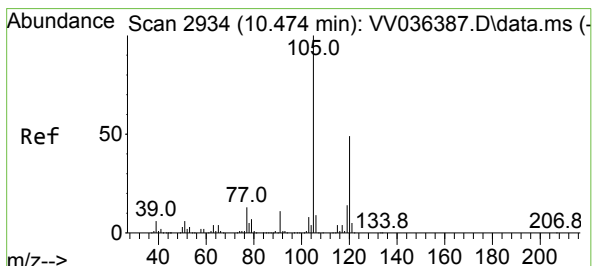
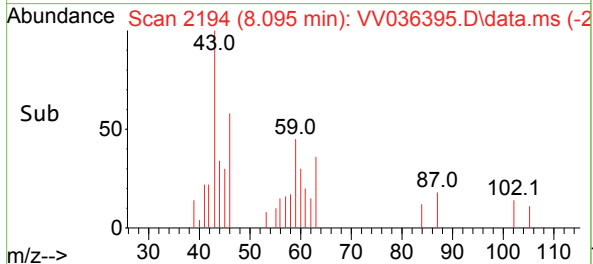
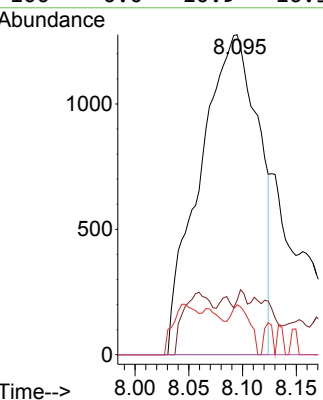
Ion Ratio Lower Upper

43 100

58 0.9 48.5 72.7#

57 5.1 15.8 23.6#

100 0.0 10.9 16.3#



#62

1,3,5-Trimethylbenzene

Concen: 1.219 ug/L

RT: 10.883 min Scan# 3061

Delta R.T. 0.408 min

Lab File: VV036395.D

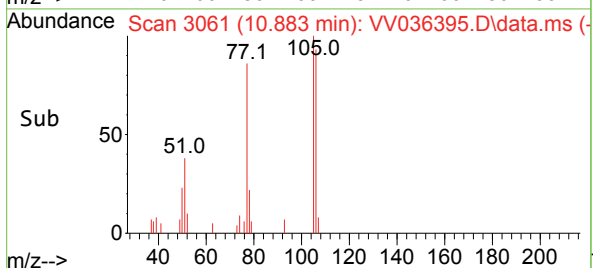
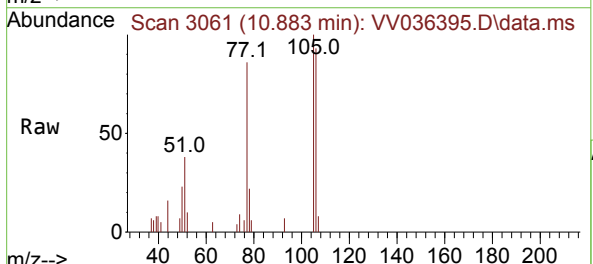
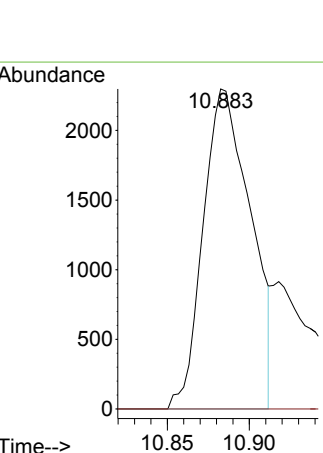
Acq: 01 Jul 2024 23:52

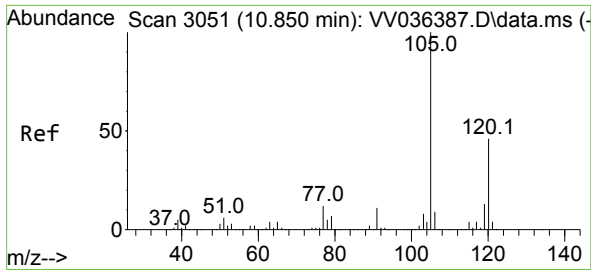
Tgt Ion: 105 Resp: 4626

Ion Ratio Lower Upper

105 100

120 0.0 39.1 58.7#





#63
 1,2,4-Trimethylbenzene
 Concen: 1.121 ug/L
 RT: 10.883 min Scan# 30
 Delta R.T. 0.032 min
 Lab File: VV036395.D
 Acq: 01 Jul 2024 23:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 4626
 Ion Ratio Lower Upper
 105 100
 120 0.0 36.2 54.4#

