

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052824\
 Data File : VW035851.D
 Acq On : 28 May 2024 17:04
 Operator : SY/MD
 Sample : P2632-03
 Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 02:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

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

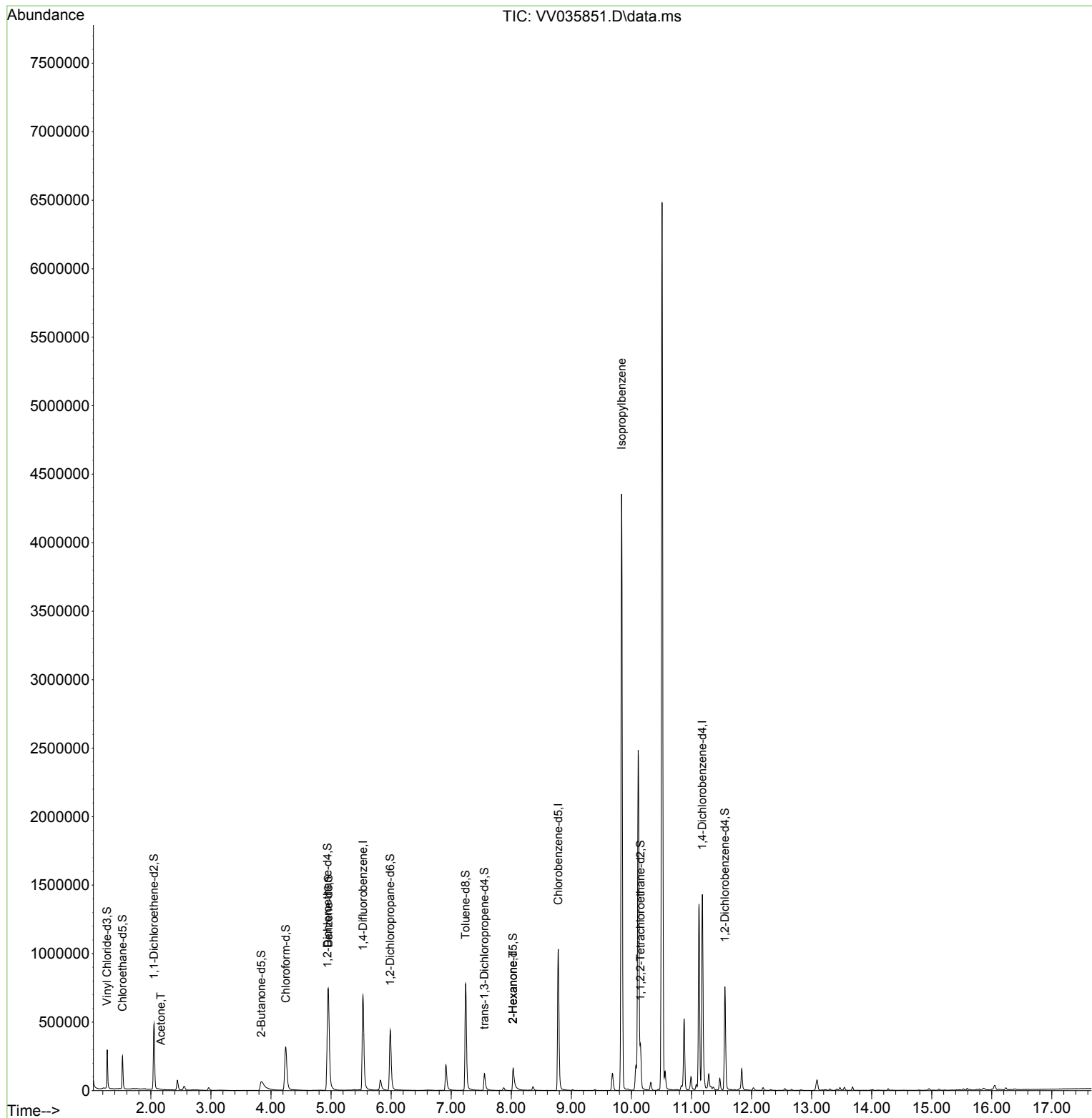
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	621531	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	581820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	307307	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	189798	19.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.040%
7) Chloroethane-d5	1.529	69	161672	20.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
11) 1,1-Dichloroethene-d2	2.053	65	83195	19.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.240%
21) 2-Butanone-d5	3.838	46	93397	34.258	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.520%
24) Chloroform-d	4.246	84	358206	19.386	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.560%
26) 1,2-Dichloroethane-d4	4.941	65	200571	21.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.840%
32) Benzene-d6	4.957	84	686926	21.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.280%
36) 1,2-Dichloropropane-d6	5.986	67	227097	23.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.440%
41) Toluene-d8	7.240	98	544688	19.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.880%
43) trans-1,3-Dichloroprop...	7.555	79	81116	19.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.200%
47) 2-Hexanone-d5	8.031	63	64091	36.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	158858	16.773	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	201808	18.923	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.680%
Target Compounds						
					Qvalue	
13) Acetone	2.166	43	8780	2.200	ug/L	87
48) 2-Hexanone	8.031	43	8309	1.842	ug/L #	71
60) Isopropylbenzene	9.838	105	181882	4.443	ug/L #	1

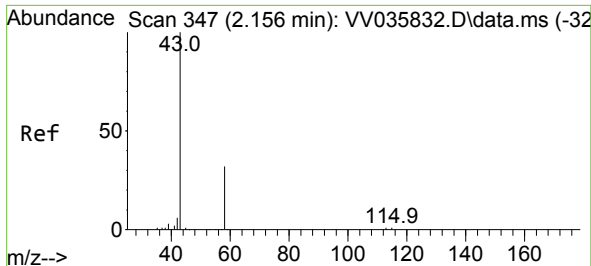
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.200 ug/L

RT: 2.166 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV035851.D

Acq: 28 May 2024 17:04

Instrument :

MSVOA_V

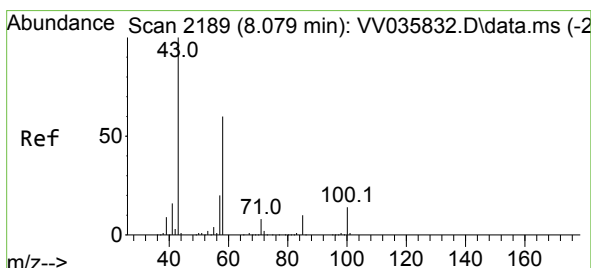
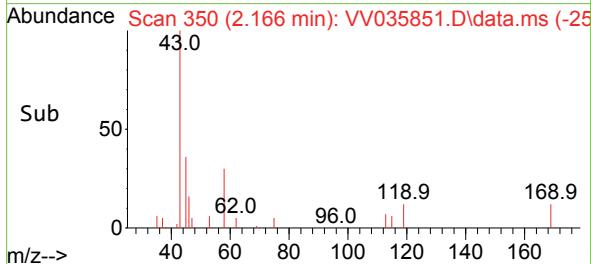
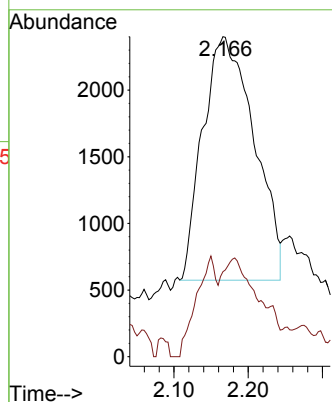
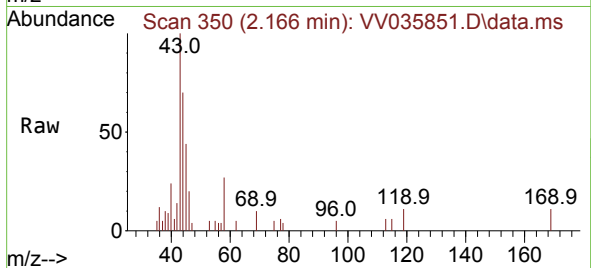
ClientSampleId :

Tgt Ion: 43 Resp: 8780

Ion Ratio Lower Upper

43 100

58 16.3 0.0 22.8



#48

2-Hexanone

Concen: 1.842 ug/L

RT: 8.031 min Scan# 2174

Delta R.T. -0.048 min

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Tgt Ion: 43 Resp: 8309

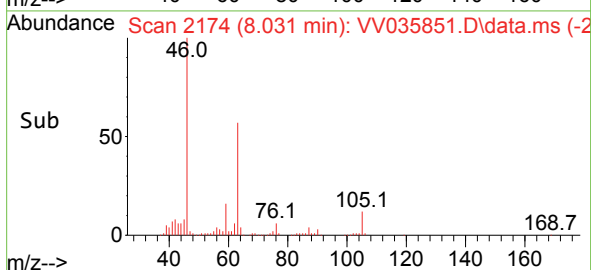
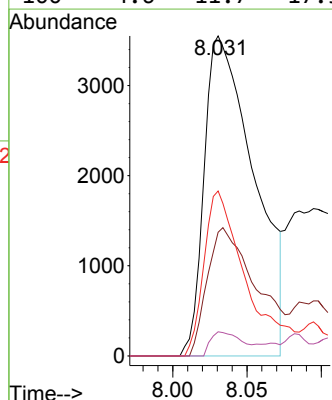
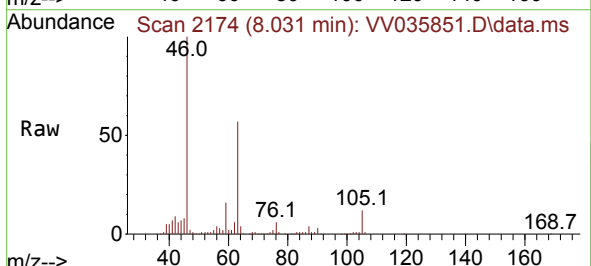
Ion Ratio Lower Upper

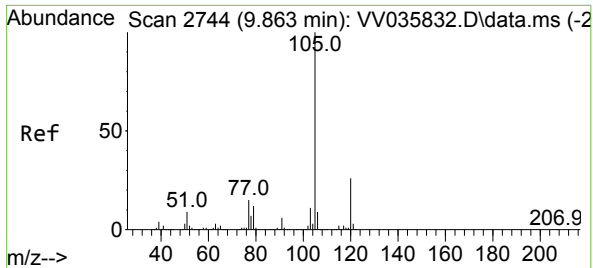
43 100

58 39.7 48.8 73.2#

57 37.5 16.9 25.3#

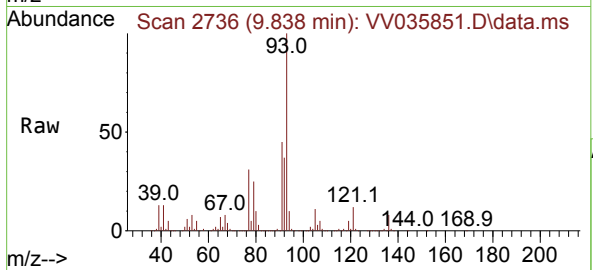
100 4.6 11.7 17.5#





#60
Isopropylbenzene
Concen: 4.443 ug/L
RT: 9.838 min Scan# 21
Delta R.T. -0.026 min
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 181882
Ion Ratio Lower Upper
105 100
120 7.8 21.3 31.9#
77 275.7 12.2 18.2#

