

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036397.D
 Acq On : 02 Jul 2024 00:38
 Operator : SY/MD
 Sample : P3087-16
 Misc : 5.37g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:27:16 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)

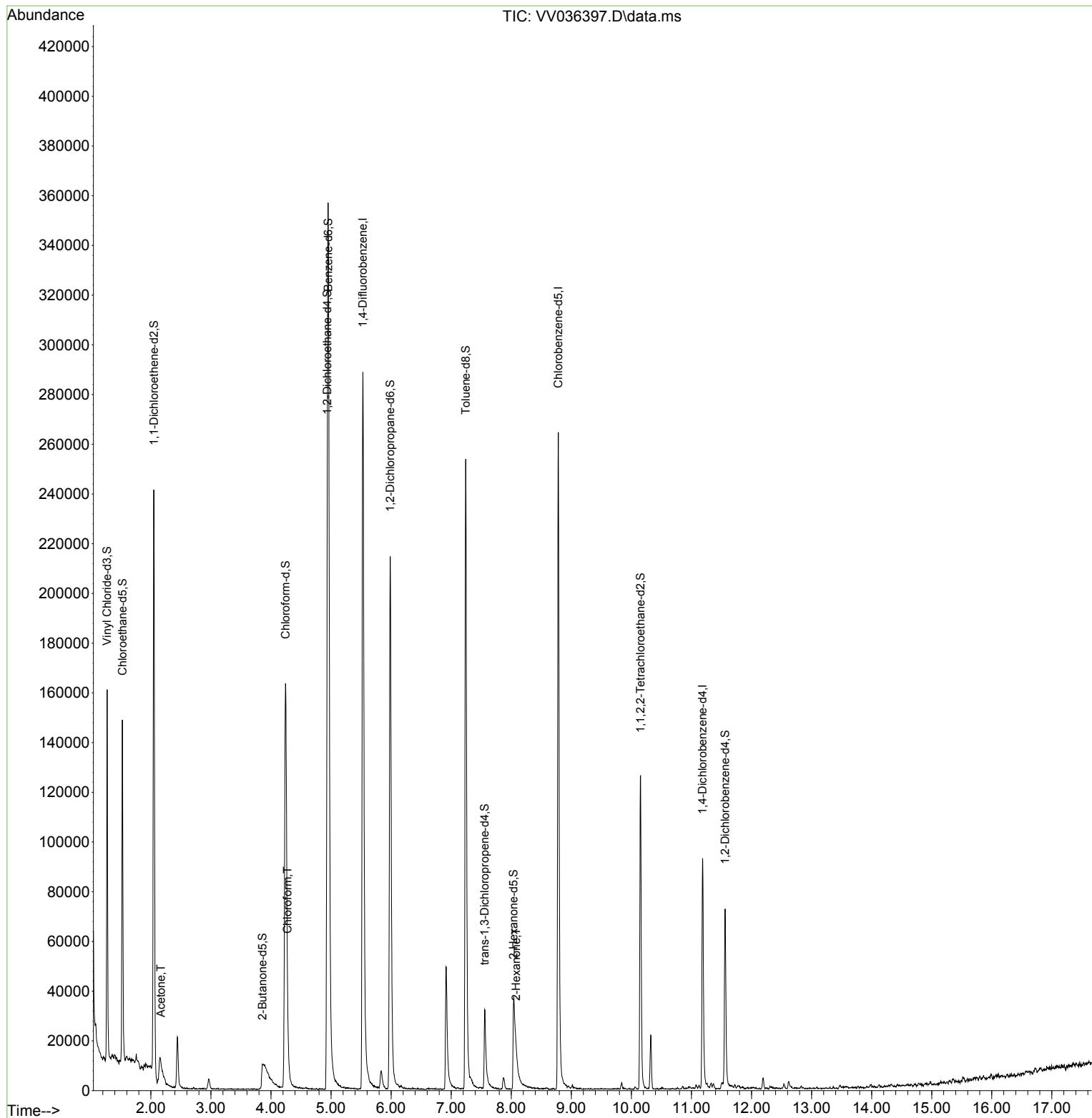
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	263308	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	153951	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	27012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	97096	21.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.840%
7) Chloroethane-d5	1.526	69	92909	26.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.040%
11) 1,1-Dichloroethene-d2	2.050	65	40627	19.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.320%
21) 2-Butanone-d5	3.857	46	6086	5.864	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.720%#
24) Chloroform-d	4.243	84	184115	23.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	4.937	65	107938	26.042	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.160%
32) Benzene-d6	4.953	84	324448	37.333	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	149.320%#
36) 1,2-Dichloropropane-d6	5.985	67	108835	41.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	166.520%#
41) Toluene-d8	7.243	98	182450	23.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	7.558	79	22811	19.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.160%
47) 2-Hexanone-d5	8.037	63	10424	24.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.960%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	63148	29.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.880%
66) 1,2-Dichlorobenzene-d4	11.561	152	20591	20.918	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.680%
Target Compounds						
					Qvalue	
13) Acetone	2.166	43	19834	14.145	ug/L #	63
25) Chloroform	4.275	83	4745	0.608	ug/L	99
48) 2-Hexanone	8.082	43	11686	11.312	ug/L #	39

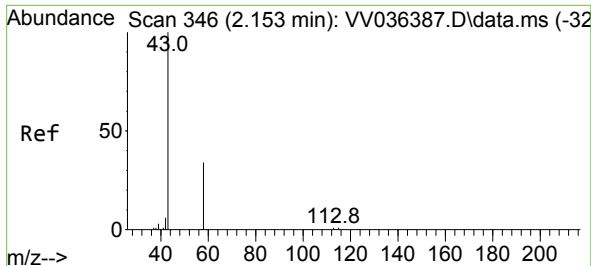
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 02 05:19:46 2024
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#13

Acetone

Concen: 14.145 ug/L

RT: 2.166 min Scan# 31

Delta R.T. 0.013 min

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Instrument :

MSVOA_V

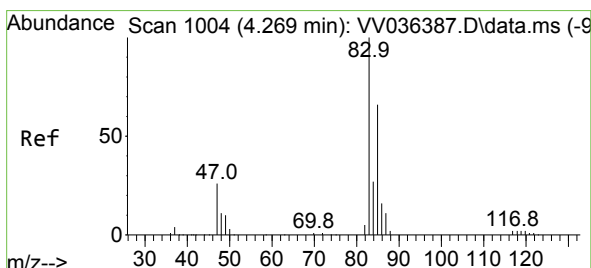
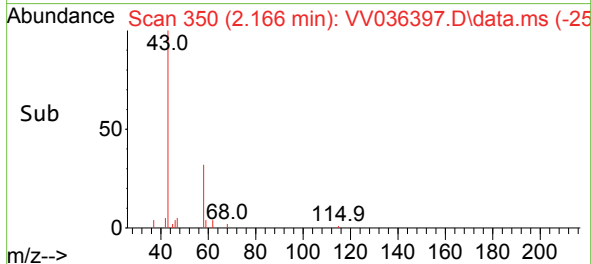
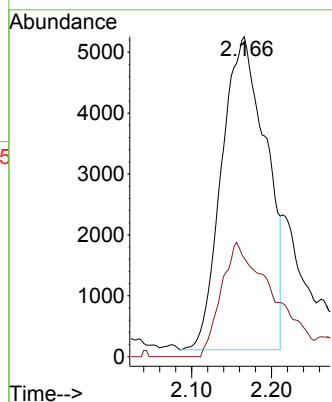
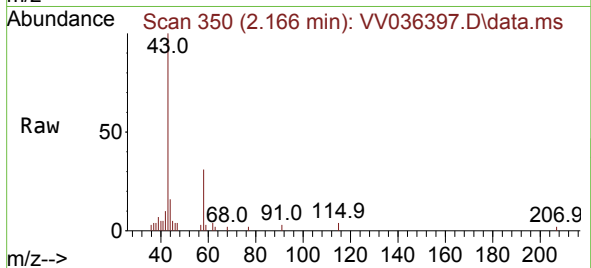
ClientSampleId :

Tgt Ion: 43 Resp: 19834

Ion Ratio Lower Upper

43 100

58 34.5 0.0 0.6#



#25

Chloroform

Concen: 0.608 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

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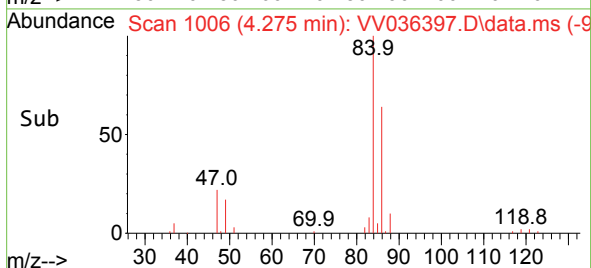
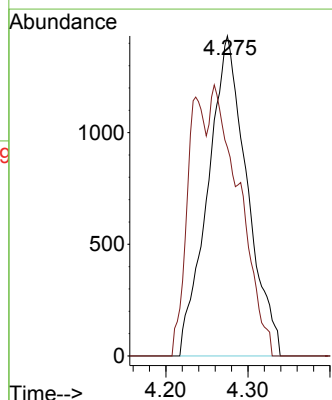
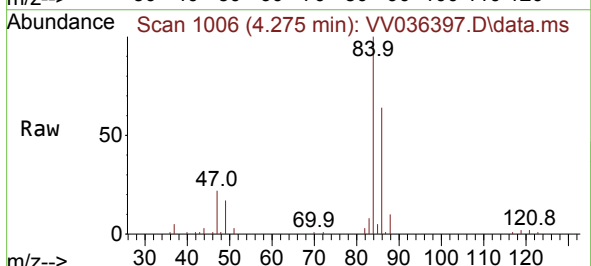
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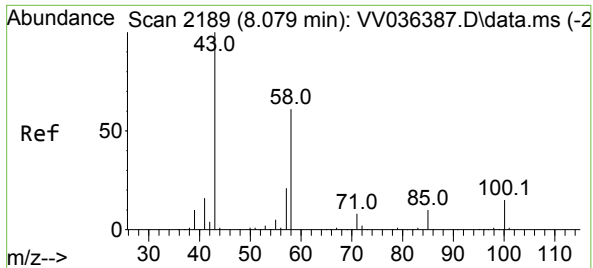
Tgt Ion: 83 Resp: 4745

Ion Ratio Lower Upper

83 100

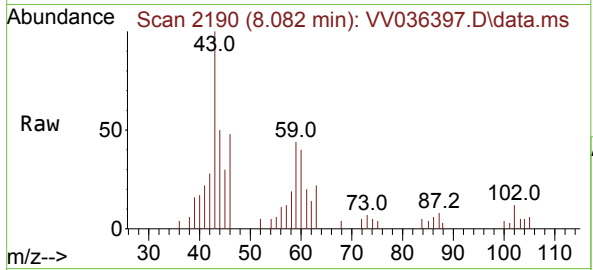
85 65.2 45.0 83.6





#48
 2-Hexanone
 Concen: 11.312 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV036397.D
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 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 11686
Ion Ratio	Lower Upper
43 100	
58 3.7	48.5 72.7#
57 1.4	15.8 23.6#
100 1.1	10.9 16.3#

