

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035702.D
 Acq On : 23 May 2024 14:32
 Operator : SY/MD
 Sample : P2568-17
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH637

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:48:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142141	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	57281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	65709	29.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.640%
7) Chloroethane-d5	1.526	69	61547	34.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.920%
11) 1,1-Dichloroethene-d2	2.050	65	30019	30.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	123.440%#
21) 2-Butanone-d5	3.850	46	36490m	58.526	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.060%
24) Chloroform-d	4.246	84	162596	38.477	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	153.920%#
26) 1,2-Dichloroethane-d4	4.940	65	102708	49.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	196.640%#
32) Benzene-d6	4.956	84	254945	32.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.080%
36) 1,2-Dichloropropane-d6	5.989	67	104773	42.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	171.880%#
41) Toluene-d8	7.243	98	185032	26.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.240%
43) trans-1,3-Dichloroprop...	7.561	79	24313	23.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.240%
47) 2-Hexanone-d5	8.046	63	11291m	25.750	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.500%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114145	48.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	194.320%#
66) 1,2-Dichlorobenzene-d4	11.561	152	69124	34.772	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	139.080%#
Target Compounds						
13) Acetone	2.153	43	35861m	39.292	ug/L	
15) Methyl Acetate	2.391	43	7671m	5.548	ug/L	
16) Methylene chloride	2.442	84	58127	17.734	ug/L	99

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

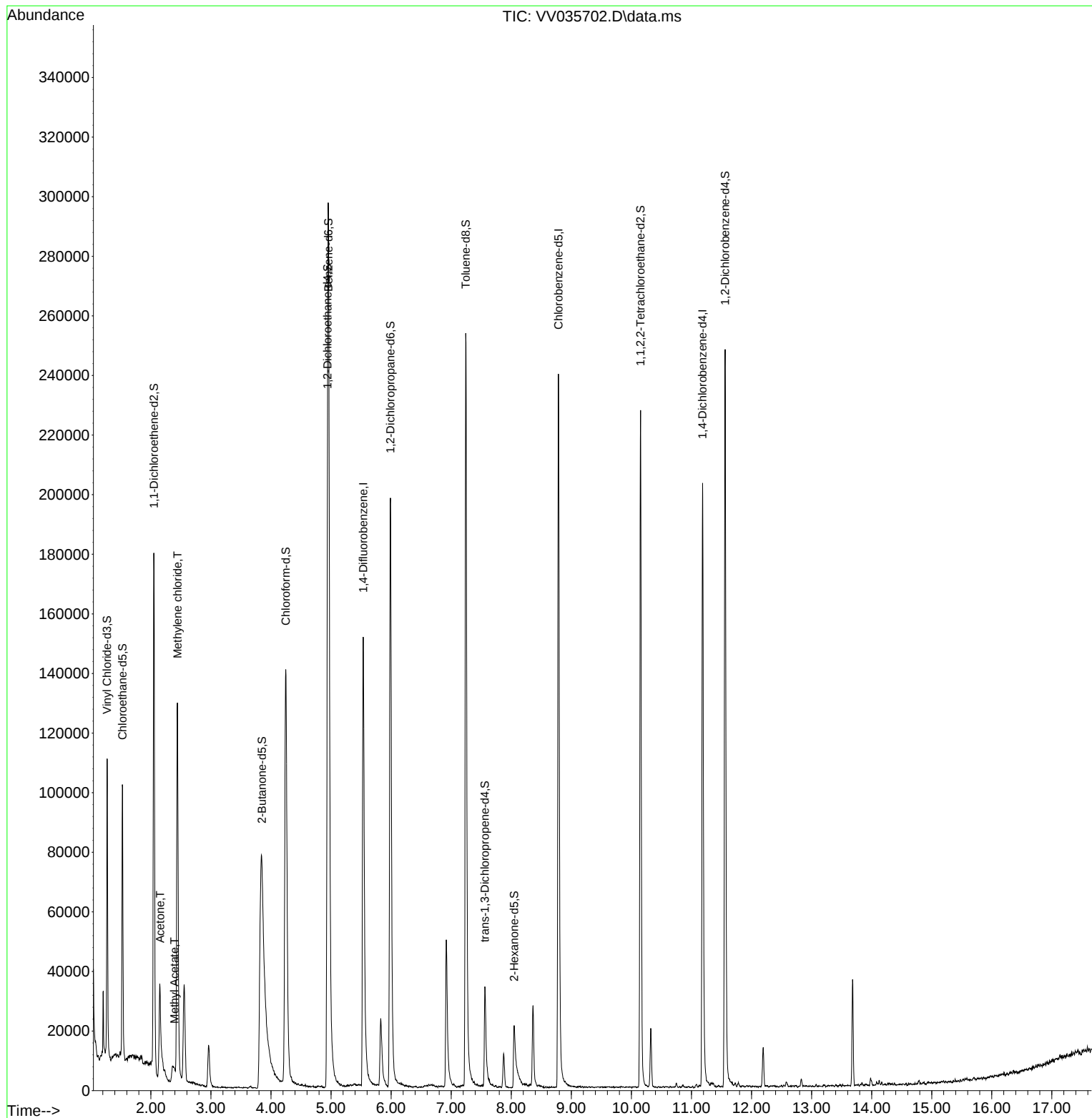
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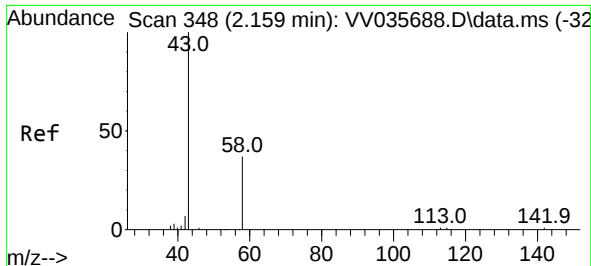
Instrument :
MSVOA_V
ClientSampleId :
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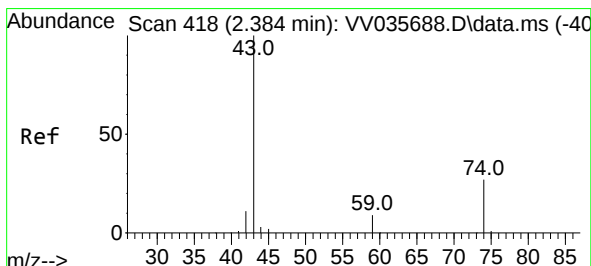
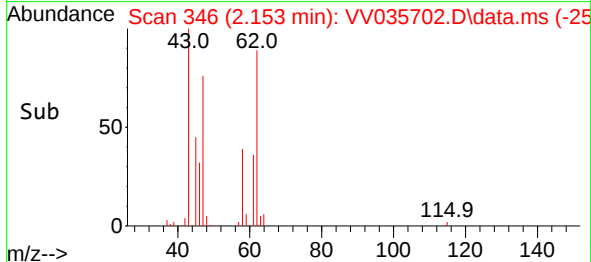
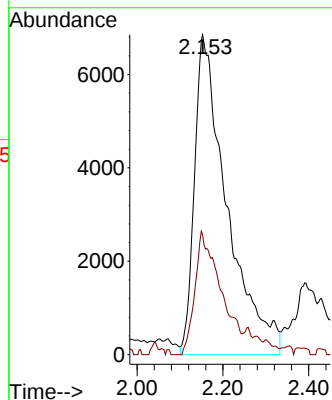
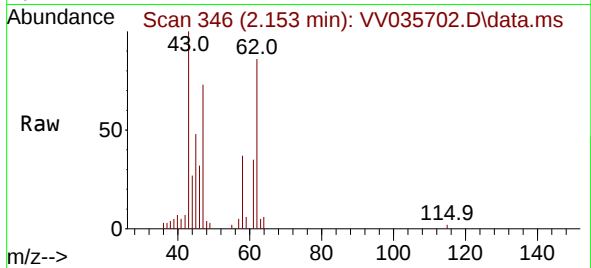
#13
Acetone
Concen: 39.292 ug/L m
RT: 2.153 min Scan# 34
Delta R.T. -0.006 min
Lab File: VV035702.D
Acq: 23 May 2024 14:32

Instrument :
MSVOA_V
ClientSampleId :
BH637

Tgt Ion: 43 Resp: 3586
Ion Ratio Lower Upper
43 100
58 0.4 0.0 22.8

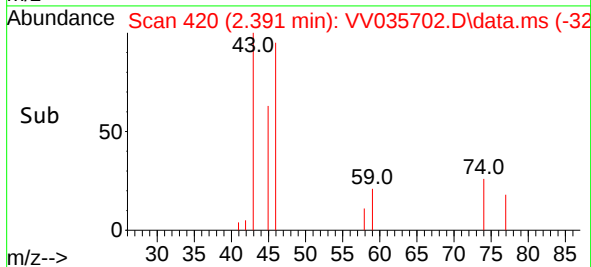
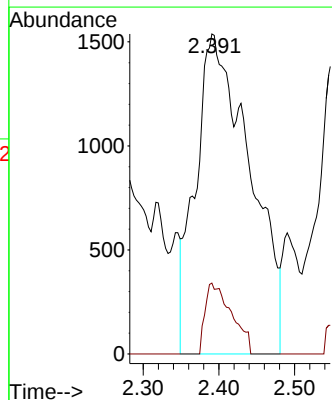
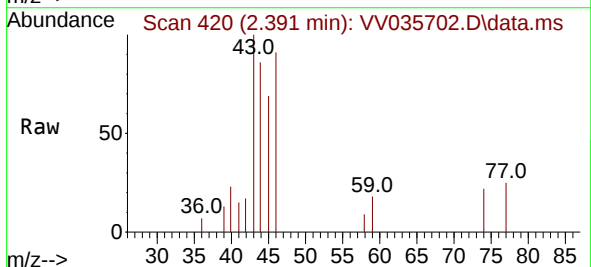
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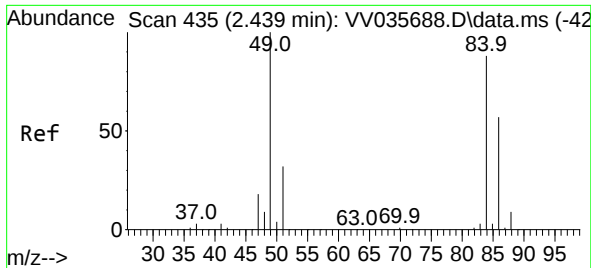
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#15
Methyl Acetate
Concen: 5.548 ug/L m
RT: 2.391 min Scan# 420
Delta R.T. 0.006 min
Lab File: VV035702.D
Acq: 23 May 2024 14:32

Tgt Ion: 43 Resp: 7671
Ion Ratio Lower Upper
43 100
74 3.9 18.6 27.8#





#16
Methylene chloride
Concen: 17.734 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035702.D
Acq: 23 May 2024 14:32

Instrument :
MSVOA_V
ClientSampleId :
BH637

Tgt Ion: 84 Resp: 5812
Ion Ratio Lower Upper
84 100
86 60.1 43.8 81.3
49 107.7 75.3 139.9

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