

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041924\
 Data File : VW035309.D
 Acq On : 19 Apr 2024 15:41
 Operator : SY/MD
 Sample : P2157-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORB6

Quant Time: Apr 19 22:31:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	399554	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	398930	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	174671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	125177	32.440	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	64.880%	
7) Chloroethane-d5	1.529	69	110192	32.878	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	65.760%#	
11) 1,1-Dichloroethene-d2	2.060	65	56079	33.154	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.300%	
21) 2-Butanone-d5	3.786	46	197852	86.454	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.450%	
24) Chloroform-d	4.246	84	272913	42.066	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.140%	
26) 1,2-Dichloroethane-d4	4.941	65	172837	41.961	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.920%	
32) Benzene-d6	4.957	84	522756	39.011	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	78.020%	
36) 1,2-Dichloropropane-d6	5.986	67	174948	41.114	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	82.220%	
41) Toluene-d8	7.243	98	439552	36.423	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	72.840%#	
43) trans-1,3-Dichloroprop...	7.555	79	65792	31.804	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.600%	
47) 2-Hexanone-d5	8.024	63	110934	68.953	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	68.950%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	251431	42.908	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.820%	
66) 1,2-Dichlorobenzene-d4	11.558	152	178027	45.395	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.780%	
Target Compounds						
33) Benzene	5.018	78	18682m	1.436	ug/L	
51) Chlorobenzene	8.818	112	20141	2.282	ug/L	94
65) 1,4-Dichlorobenzene	11.207	146	7224	1.207	ug/L	91
67) 1,2-Dichlorobenzene	11.577	146	8053	1.374	ug/L #	91

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

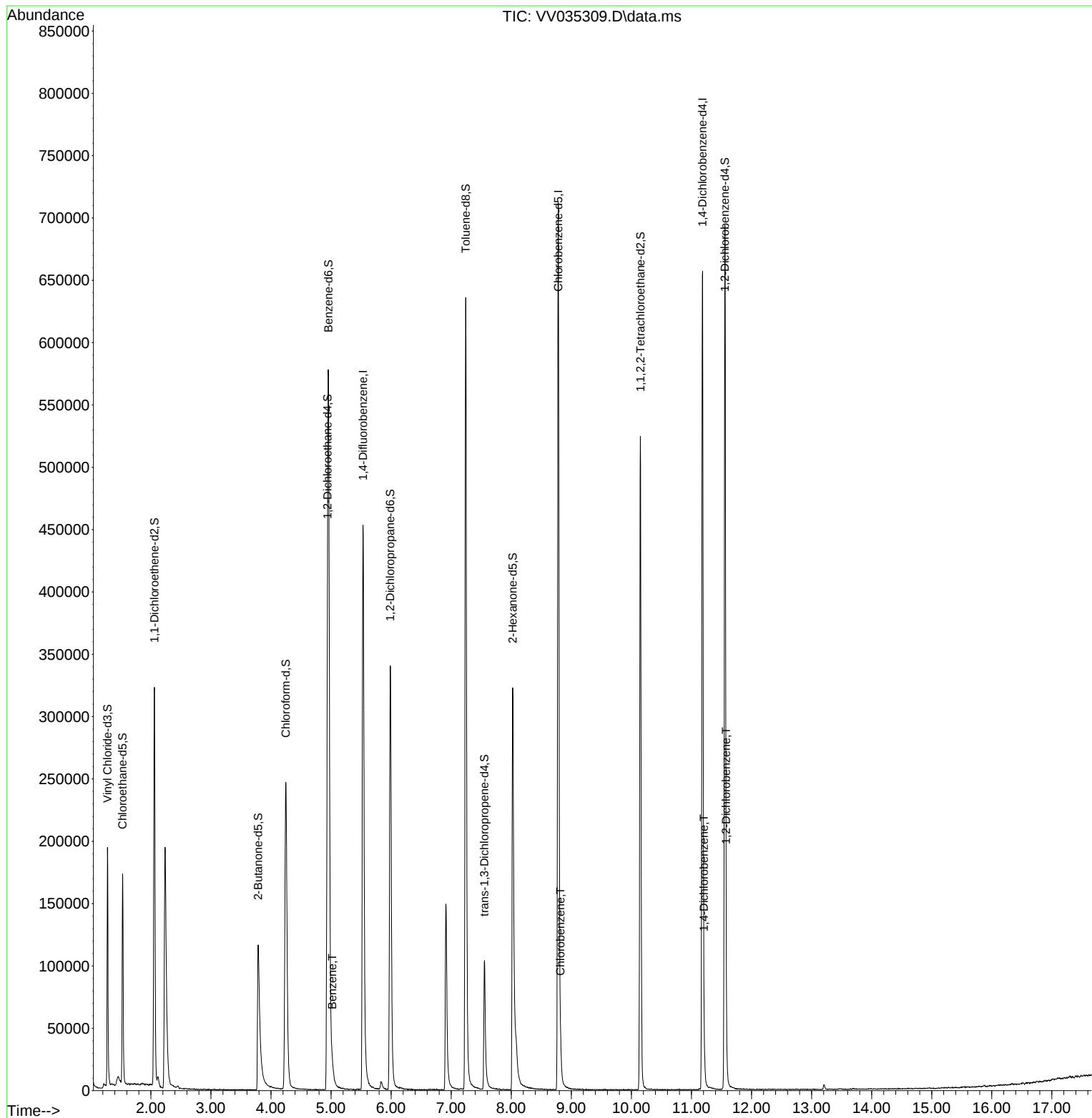
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
Data File : VV035309.D
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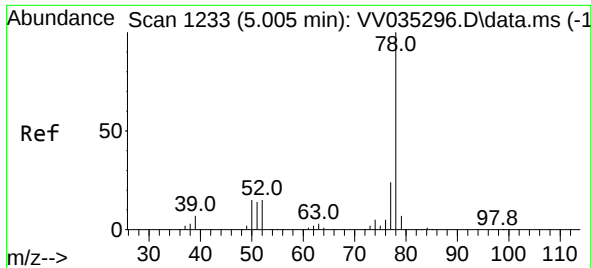
Instrument :
MSVOA_V
ClientSampleId :
MCOB6

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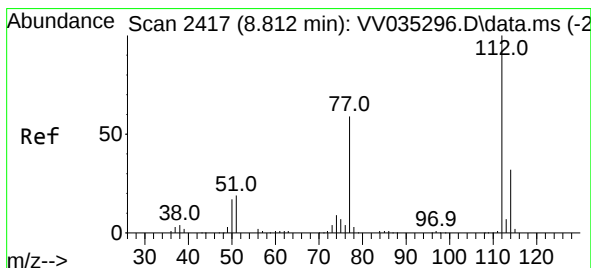
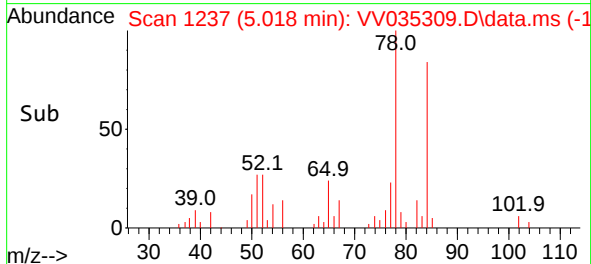
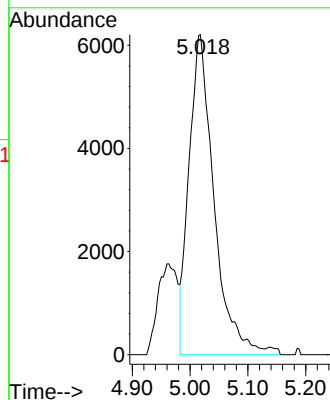
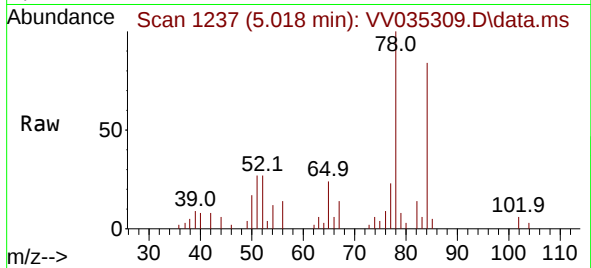
#33
Benzene
Concen: 1.436 ug/L m
RT: 5.018 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV035309.D
Acq: 19 Apr 2024 15:41

Instrument :
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ClientSampleId :
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Tgt Ion: 78 Resp: 1868

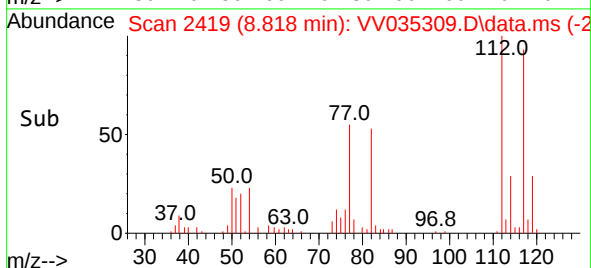
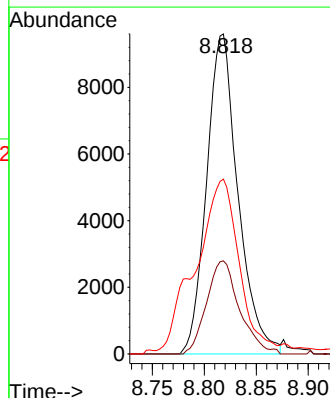
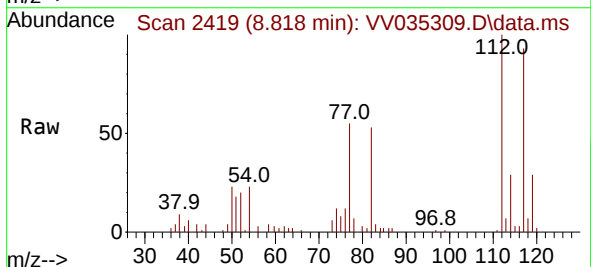
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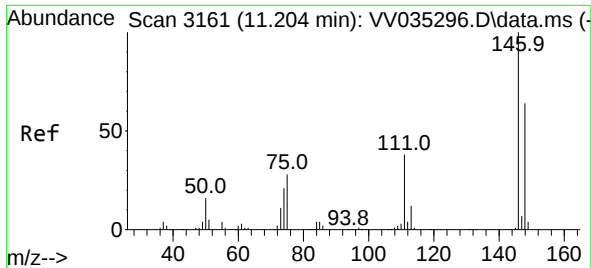
Reviewed By :Mahesh Dadoda 04/23/2024
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#51
Chlorobenzene
Concen: 2.282 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.007 min
Lab File: VV035309.D
Acq: 19 Apr 2024 15:41

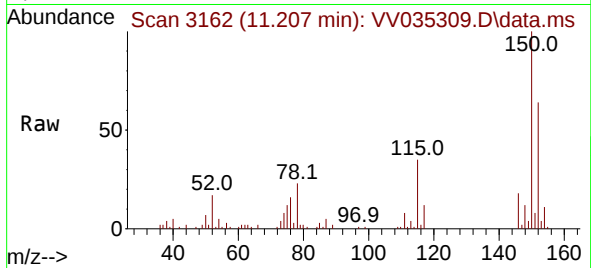
Tgt Ion:112 Resp: 20141
Ion Ratio Lower Upper
112 100
114 29.1 22.0 41.0
77 54.7 47.4 71.2





#65
1,4-Dichlorobenzene
Concen: 1.207 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV035309.D
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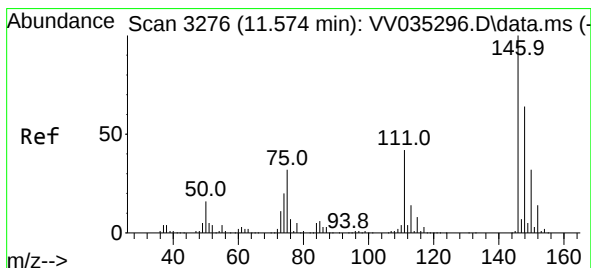
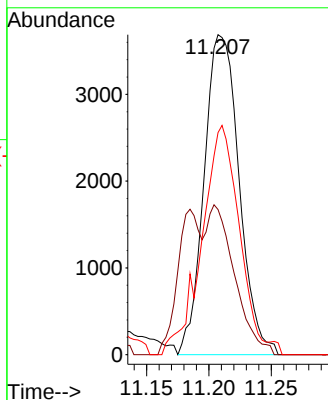
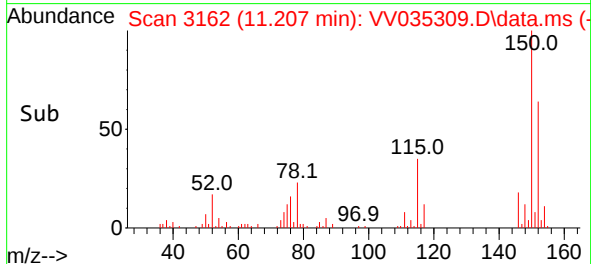
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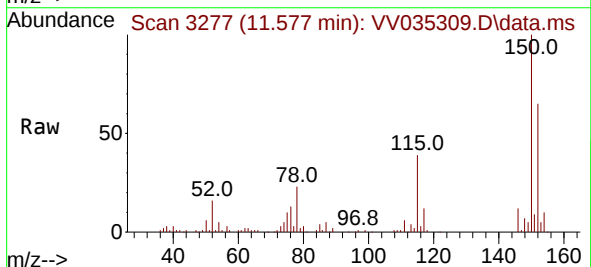
Tgt Ion:146 Resp: 7224
Ion Ratio Lower Upper
146 100
111 45.4 27.4 50.8
148 69.4 44.2 82.2

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#67
1,2-Dichlorobenzene
Concen: 1.374 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV035309.D
Acq: 19 Apr 2024 15:41



Tgt Ion:146 Resp: 8053
Ion Ratio Lower Upper
146 100
111 54.8 34.6 52.0#
148 62.1 51.5 77.3

