

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036052.D
 Acq On : 13 Jun 2024 11:05
 Operator : SY/MD
 Sample : P2850-09
 Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB10

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 14 01:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	326462	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	345138	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	163262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	163356	27.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.880%			
7) Chloroethane-d5	1.529	69	128428	26.835	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.360%			
11) 1,1-Dichloroethene-d2	2.053	65	69183	25.892	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.560%			
21) 2-Butanone-d5	3.825	46	99100m	71.964	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.920%#			
24) Chloroform-d	4.246	84	261896	25.233	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.920%			
26) 1,2-Dichloroethane-d4	4.941	65	149281	27.433	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.720%			
32) Benzene-d6	4.957	84	512153	24.964	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.840%			
36) 1,2-Dichloropropane-d6	5.986	67	169191	26.188	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.760%			
41) Toluene-d8	7.240	98	415300	22.942	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.760%			
43) trans-1,3-Dichloroprop...	7.555	79	60125	22.697	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.800%			
47) 2-Hexanone-d5	8.030	63	63080	72.064	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.120%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	158705	32.873	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.480%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	163117	27.245	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.000%			
Target Compounds						
13) Acetone	2.156	43	14602m	6.807	ug/L	
16) Methylene chloride	2.442	84	52602	7.121	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	2639	0.475	ug/L	96
19) 1,1-Dichloroethane	3.111	63	6922	0.655	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	1596362	286.080	ug/L	99
34) Trichloroethene	5.834	95	36907	5.335	ug/L	100
42) Toluene	7.326	91	11298	0.490	ug/L	88
46) Tetrachloroethene	7.902	164	272078	53.772	ug/L	98

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

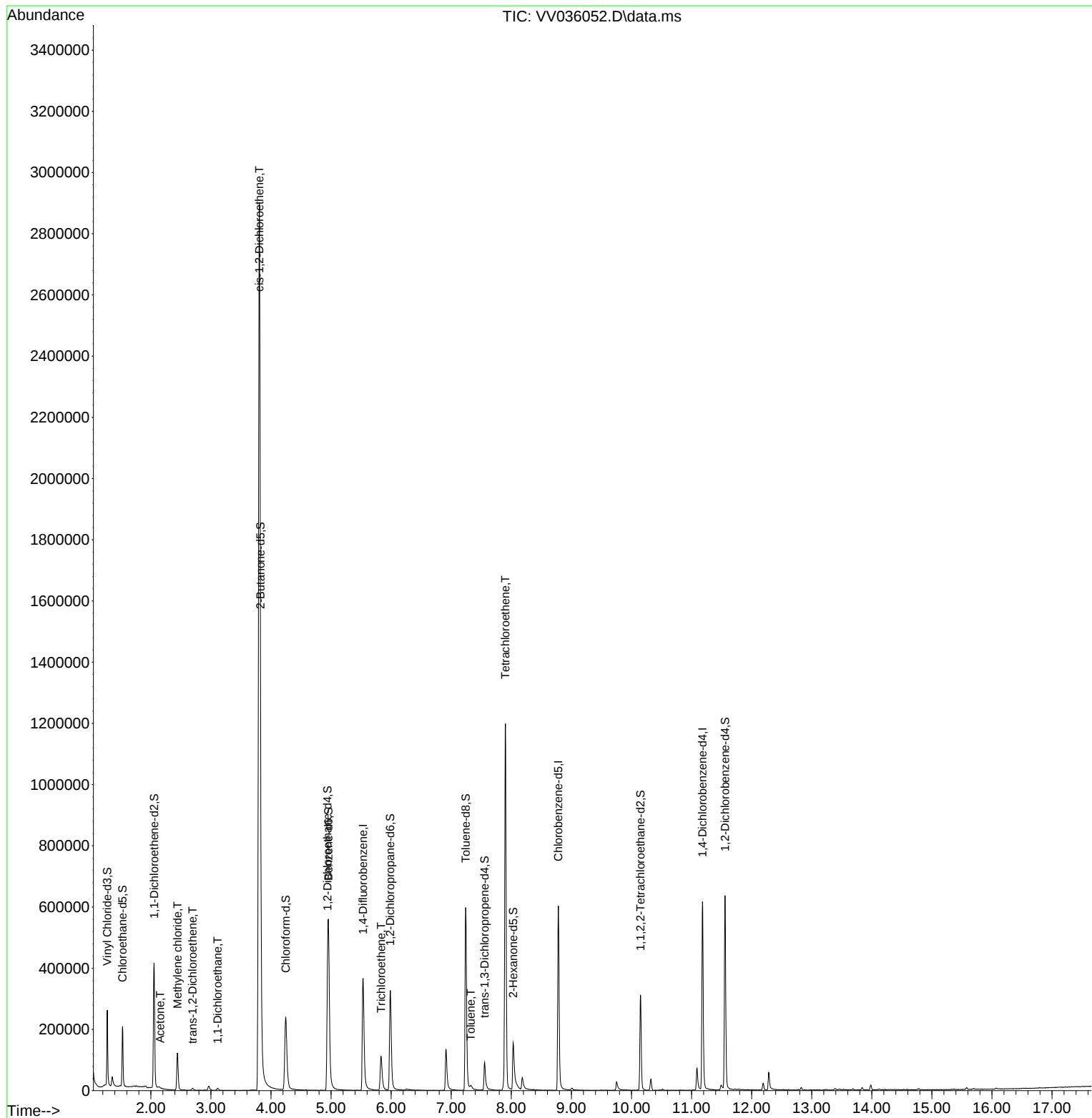
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Data File : VV036052.D
Acq On : 13 Jun 2024 11:05
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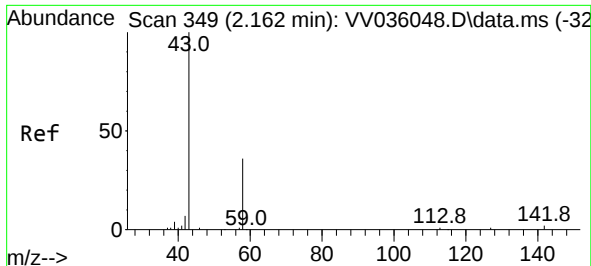
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





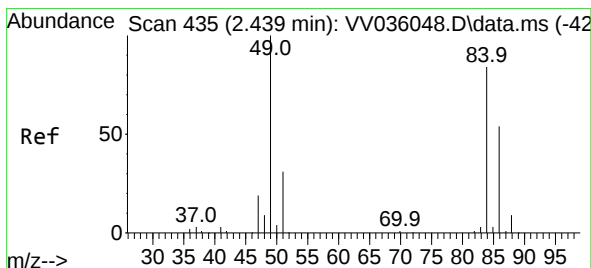
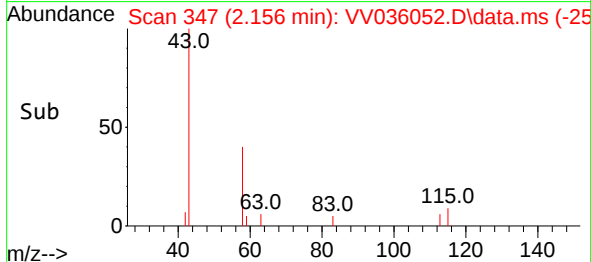
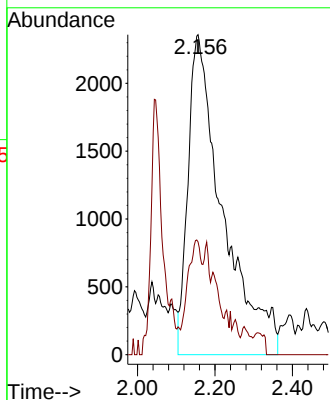
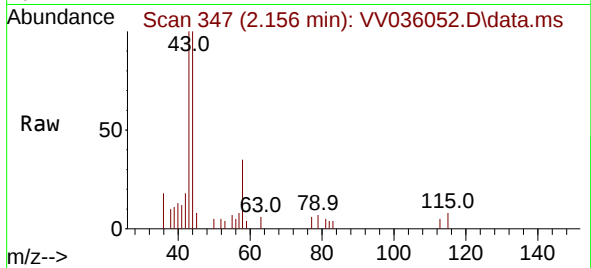
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Acetone
Concen: 6.807 ug/L m
RT: 2.156 min Scan# 349
Delta R.T. -0.006 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 14602
Ion Ratio Lower Upper
43 100
58 10.5 0.0 24.2

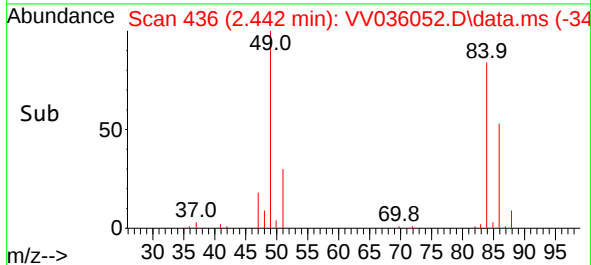
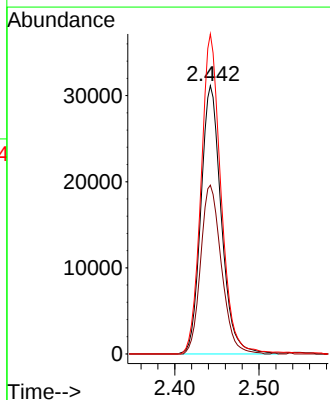
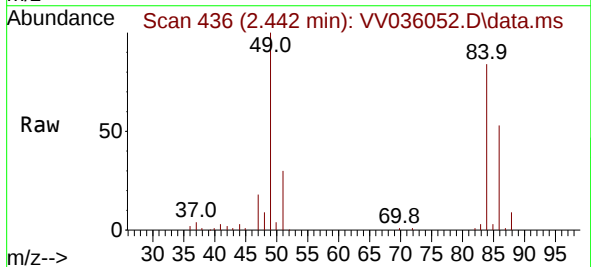
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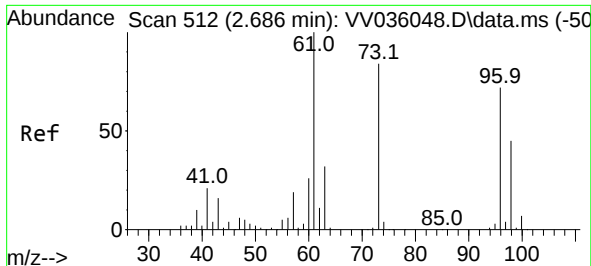
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#16
Methylene chloride
Concen: 7.121 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

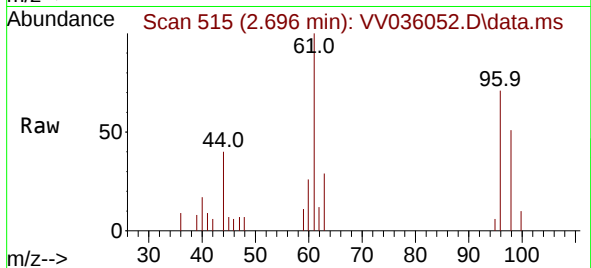
Tgt Ion: 84 Resp: 52602
Ion Ratio Lower Upper
84 100
86 62.9 44.6 82.8
49 119.3 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 0.475 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.010 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

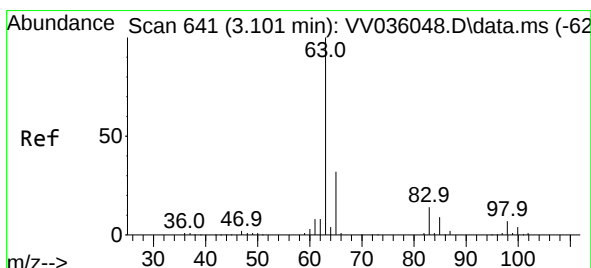
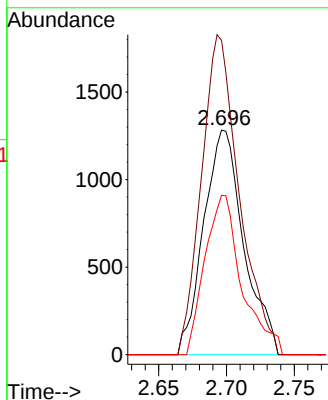
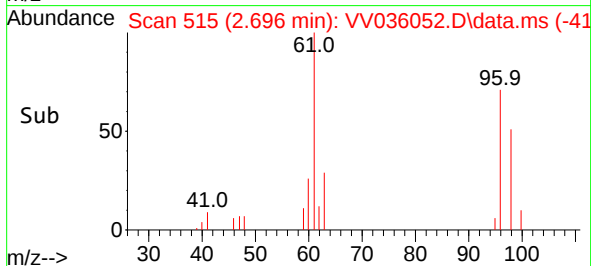
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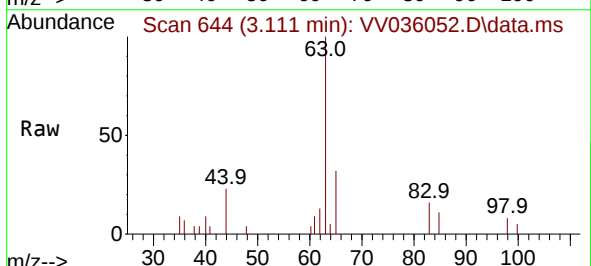
Tgt Ion: 96 Resp: 2639
Ion Ratio Lower Upper
96 100
61 139.9 99.4 184.6
98 70.9 44.9 83.3

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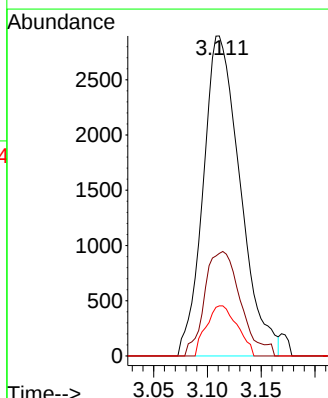
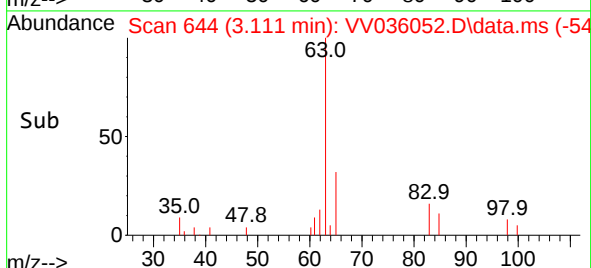
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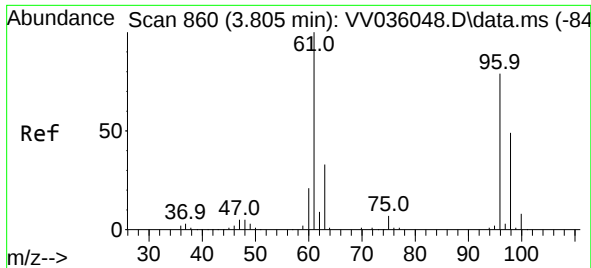


#19
1,1-Dichloroethane
Concen: 0.655 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05



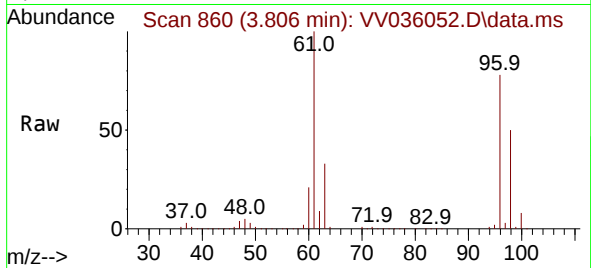
Tgt Ion: 63 Resp: 6922
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 15.7 9.2 17.0





#20
cis-1,2-Dichloroethene
Concen: 286.080 ug/L
RT: 3.806 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

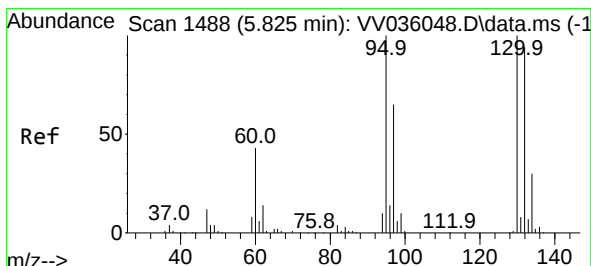
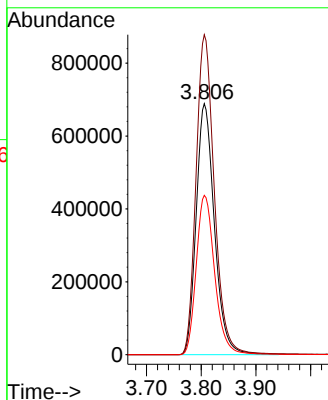
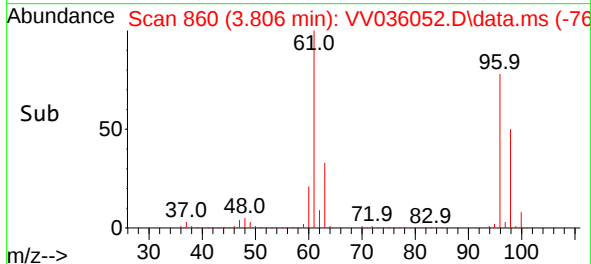
Instrument :
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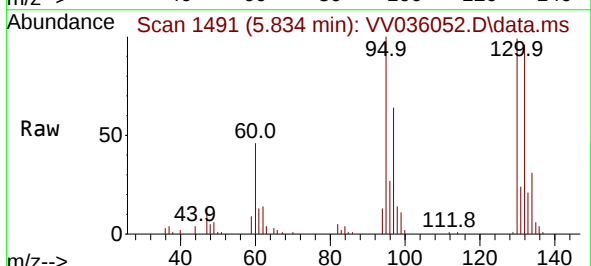
Tgt Ion: 96 Resp: 159636
Ion Ratio Lower Upper
96 100
61 127.5 87.9 163.3
98 63.5 44.4 82.5

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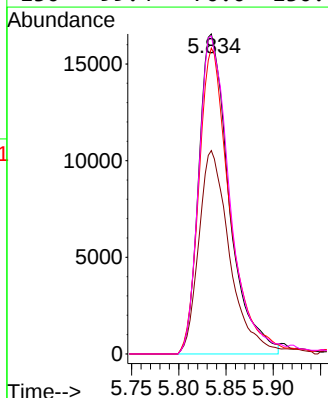
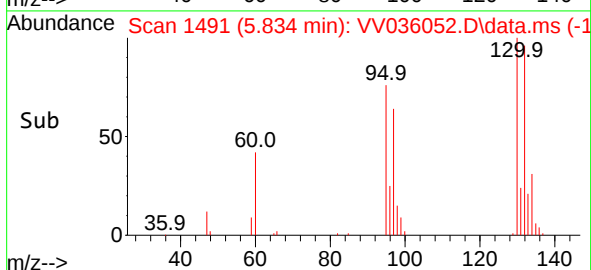
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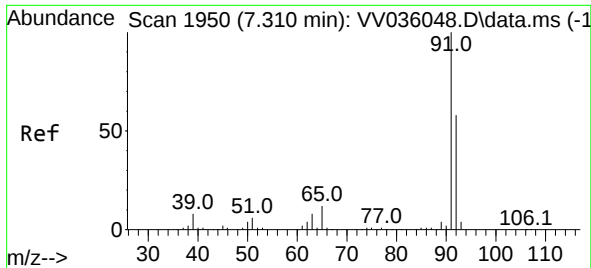


#34
Trichloroethene
Concen: 5.335 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05



Tgt Ion: 95 Resp: 36907
Ion Ratio Lower Upper
95 100
97 63.6 44.8 83.2
132 95.6 66.8 124.2
130 99.4 70.0 130.0





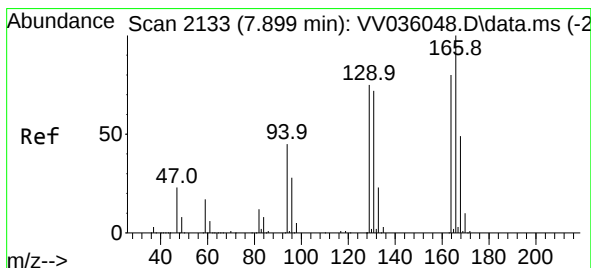
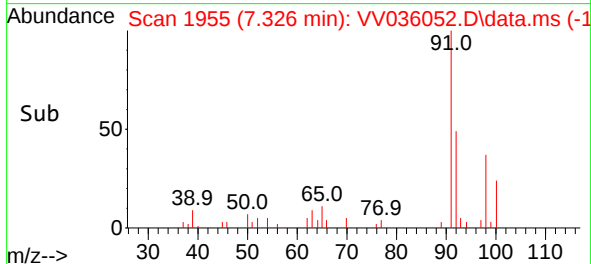
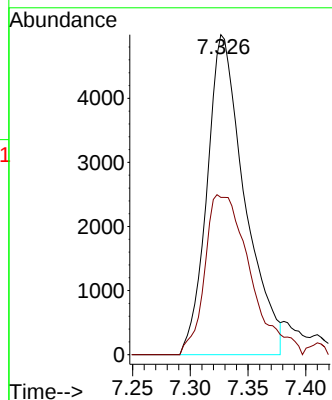
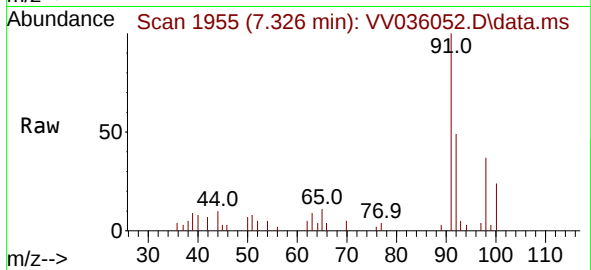
#42
Toluene
Concen: 0.490 ug/L
RT: 7.326 min Scan# 1950
Delta R.T. 0.016 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

Instrument :
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Tgt Ion: 91 Resp: 11298
Ion Ratio Lower Upper
91 100
92 49.2 40.6 75.4

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#46
Tetrachloroethene
Concen: 53.772 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

Tgt Ion:164 Resp: 272078
Ion Ratio Lower Upper
164 100
129 93.2 64.6 120.0
131 89.1 63.2 117.4
166 124.7 89.5 166.3

