

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036051.D
 Acq On : 13 Jun 2024 10:42
 Operator : SY/MD
 Sample : P2850-08
 Misc : 5.48g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB09

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 01:16:20 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	5.529	114	457977	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	478398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	230804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	207091	24.595	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.400%		
7) Chloroethane-d5	1.529	69	164821	24.550	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.200%		
11) 1,1-Dichloroethene-d2	2.053	65	88510	23.613	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.440%		
21) 2-Butanone-d5	3.847	46	85612m	44.316	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.640%		
24) Chloroform-d	4.243	84	337456	23.177	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.720%		
26) 1,2-Dichloroethane-d4	4.937	65	179374	23.497	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.000%		
32) Benzene-d6	4.953	84	665951	23.418	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.680%		
36) 1,2-Dichloropropane-d6	5.985	67	214350	23.936	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.760%		
41) Toluene-d8	7.239	98	551768	21.991	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.960%		
43) trans-1,3-Dichloroprop...	7.551	79	68805	18.739	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.960%		
47) 2-Hexanone-d5	8.030	63	49003	40.388	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.780%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	158617	23.703	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	11.558	152	202936	23.977	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.920%		
Target Compounds						
13) Acetone	2.153	43	15779m	5.244	ug/L	
16) Methylene chloride	2.442	84	77803	7.508	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	4388	0.563	ug/L	95
19) 1,1-Dichloroethane	3.111	63	6836	0.461	ug/L	97
20) cis-1,2-Dichloroethene	3.805	96	1161231	148.342	ug/L	99
34) Trichloroethene	5.831	95	56722	5.915	ug/L	99
42) Toluene	7.326	91	18932	0.592	ug/L	98
46) Tetrachloroethene	7.902	164	88038	12.553	ug/L	99

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

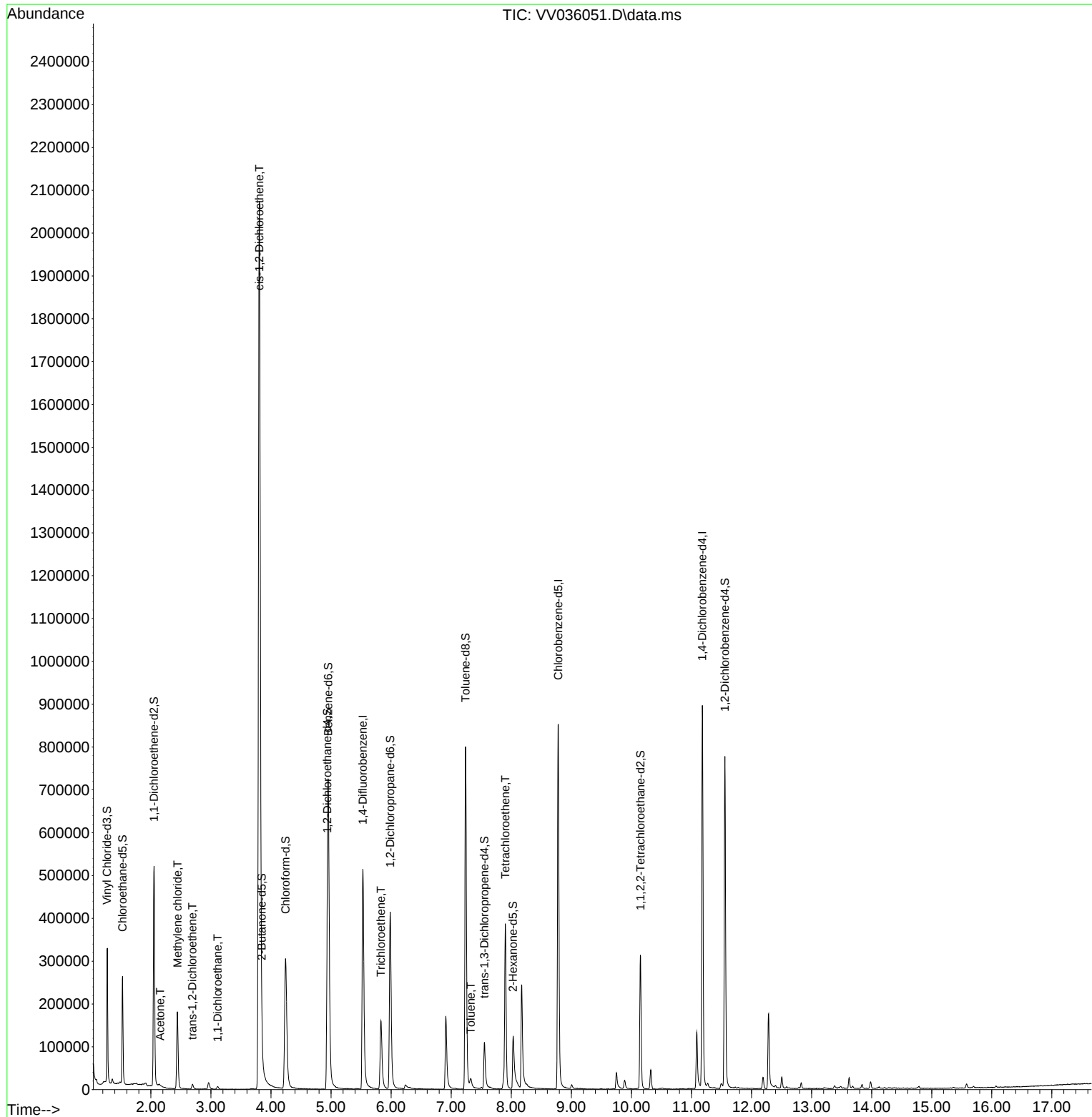
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036051.D
Acq On : 13 Jun 2024 10:42
Operator : SY/MD
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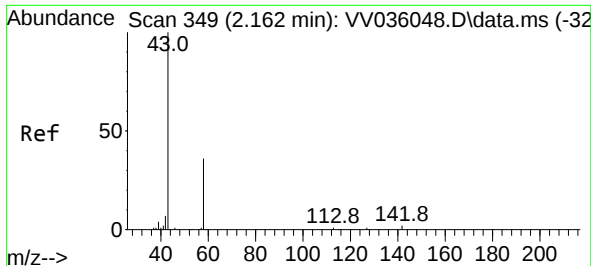
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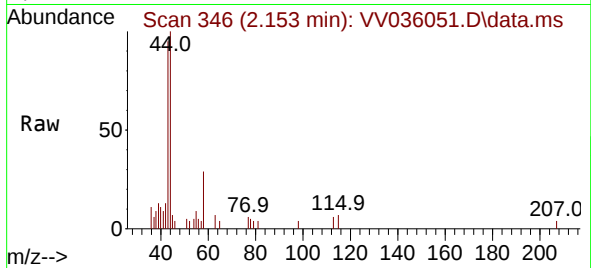
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





#13
Acetone
Concen: 5.244 ug/L m
RT: 2.153 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42

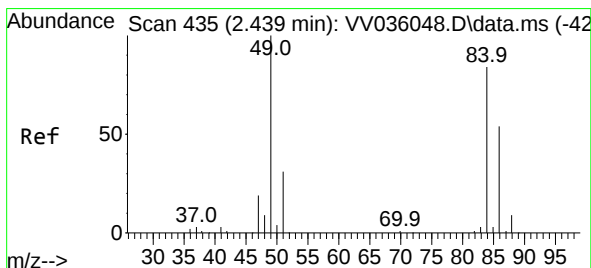
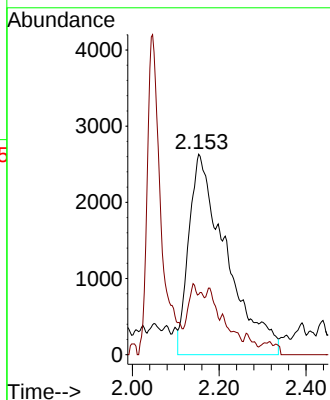
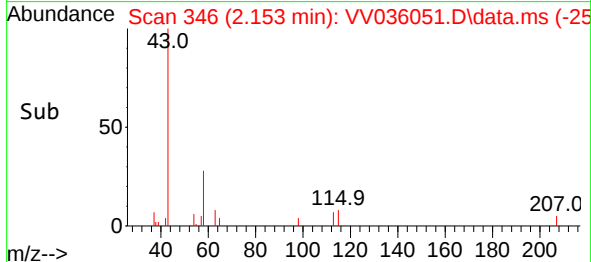
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Tgt Ion: 43 Resp: 15779
Ion Ratio Lower Upper
43 100
58 4.7 0.0 24.2

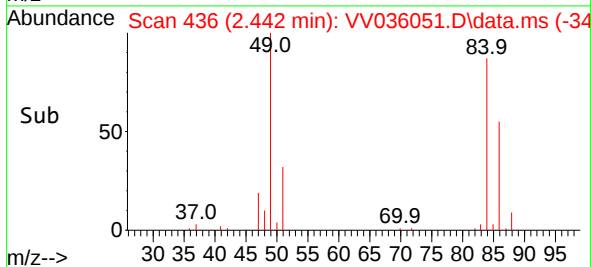
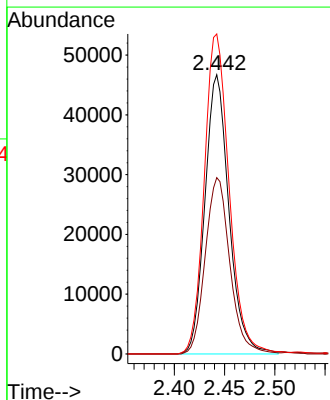
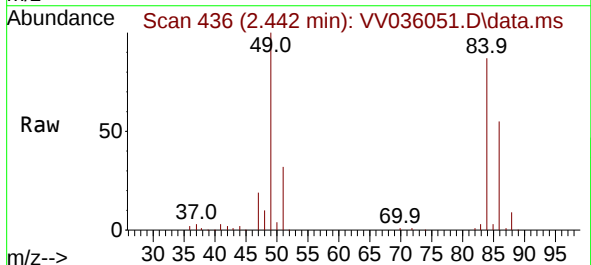
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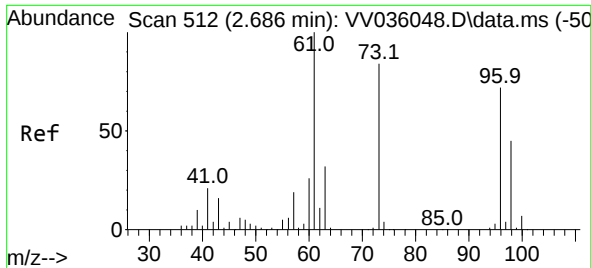
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#16
Methylene chloride
Concen: 7.508 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42

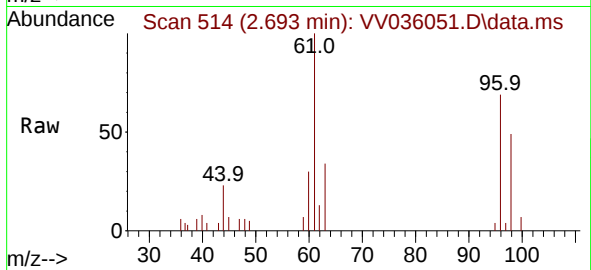
Tgt Ion: 84 Resp: 77803
Ion Ratio Lower Upper
84 100
86 63.1 44.6 82.8
49 114.6 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 0.563 ug/L
RT: 2.693 min Scan# 512
Delta R.T. 0.006 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42

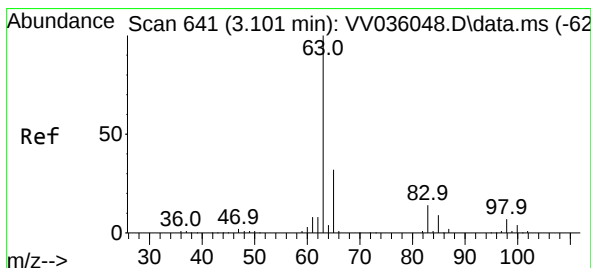
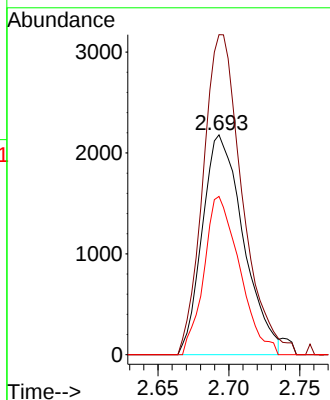
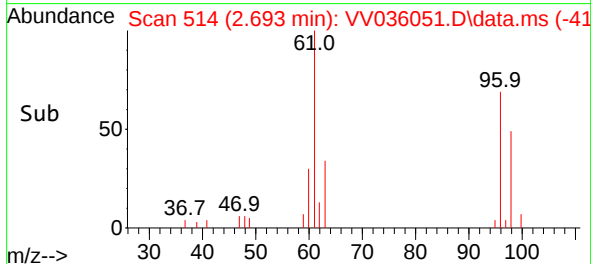
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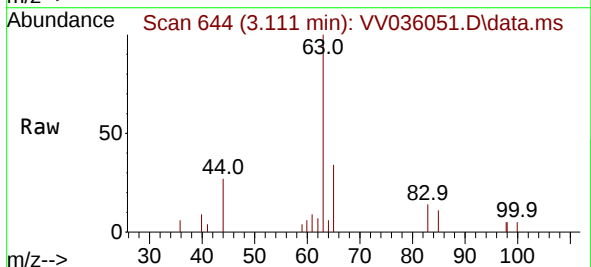
Tgt Ion: 96 Resp: 4388
Ion Ratio Lower Upper
96 100
61 145.6 99.4 184.6
98 72.0 44.9 83.3

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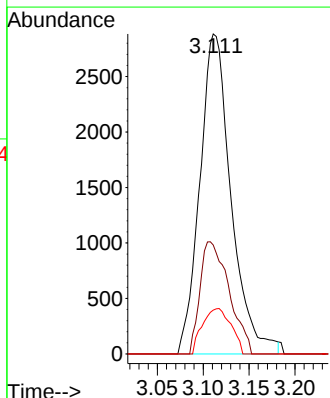
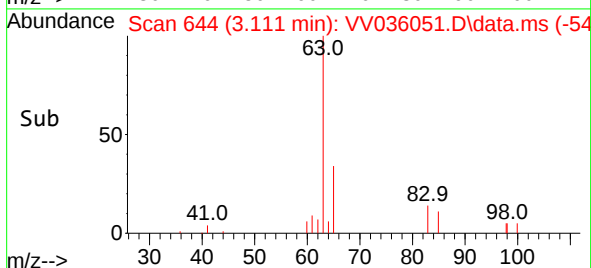
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024

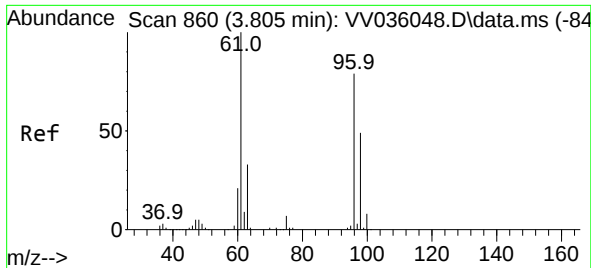


#19
1,1-Dichloroethane
Concen: 0.461 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42



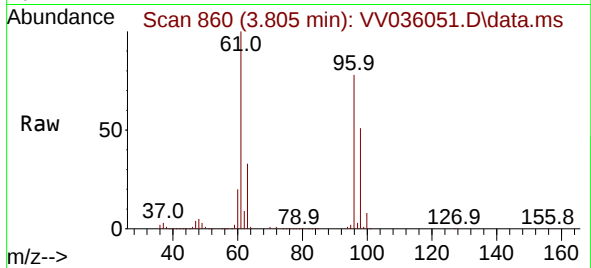
Tgt Ion: 63 Resp: 6836
Ion Ratio Lower Upper
63 100
65 34.0 22.4 41.6
83 13.7 9.2 17.0





#20
cis-1,2-Dichloroethene
Concen: 148.342 ug/L
RT: 3.805 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42

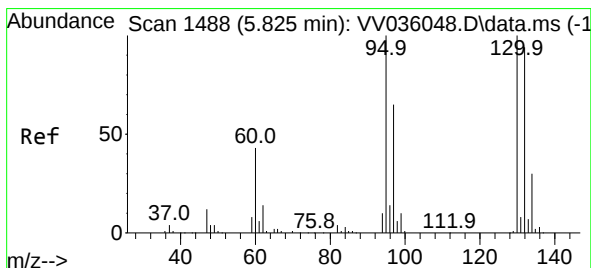
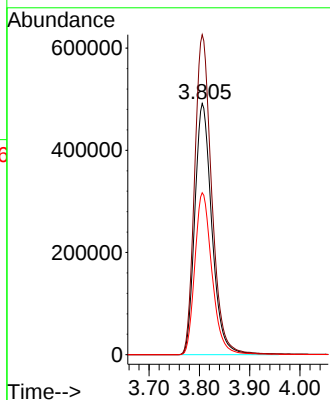
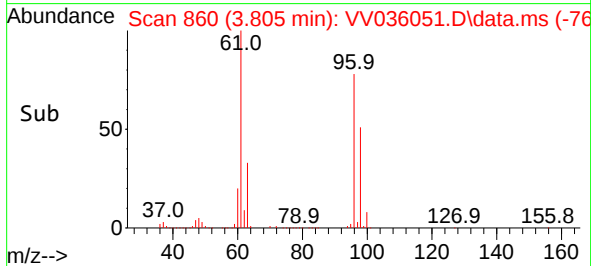
Instrument :
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ClientSampleId :
BHB09



Tgt Ion: 96 Resp: 116123
Ion Ratio Lower Upper
96 100
61 127.4 87.9 163.3
98 64.5 44.4 82.5

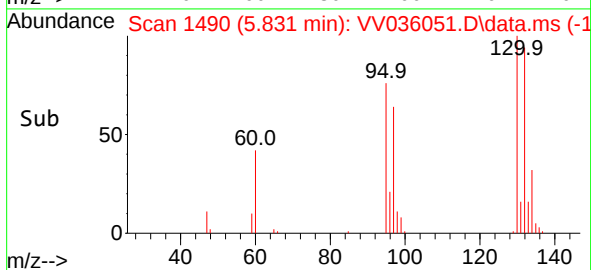
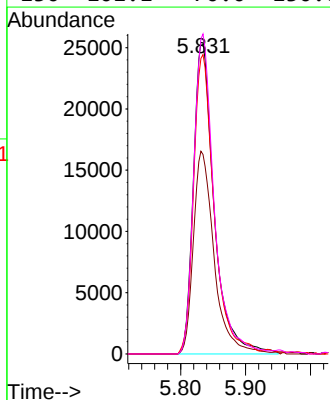
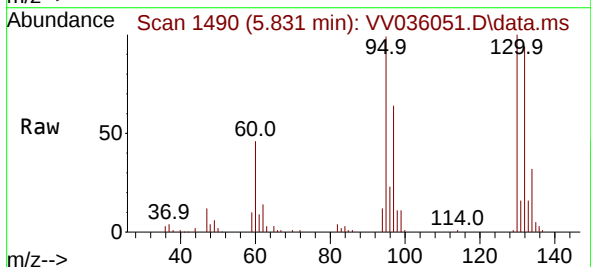
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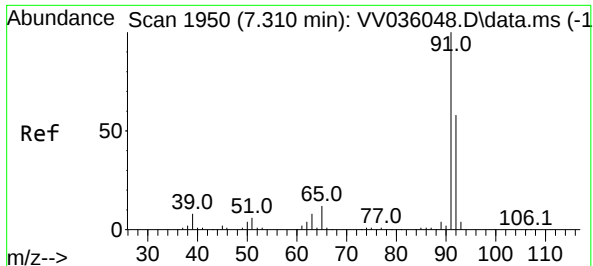
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#34
Trichloroethene
Concen: 5.915 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42

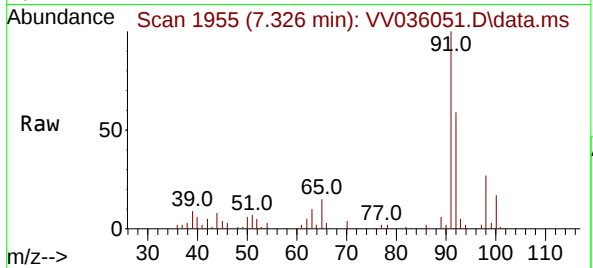
Tgt Ion: 95 Resp: 56722
Ion Ratio Lower Upper
95 100
97 65.1 44.8 83.2
132 94.9 66.8 124.2
130 101.1 70.0 130.0





#42
Toluene
Concen: 0.592 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.016 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42

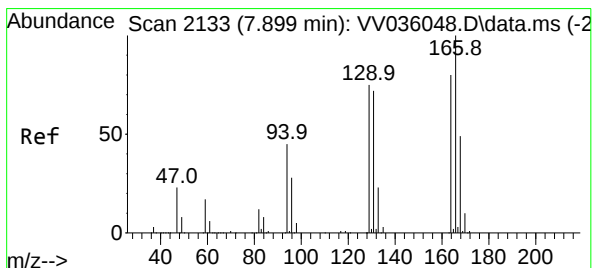
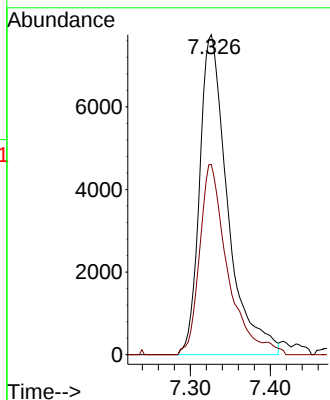
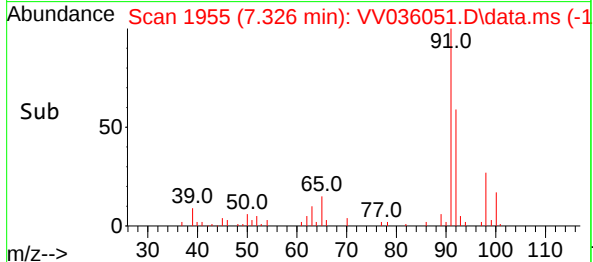
Instrument :
MSVOA_V
ClientSampleId :
BHB09



Tgt Ion: 91 Resp: 1893
Ion Ratio Lower Upper
91 100
92 59.5 40.6 75.4

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#46
Tetrachloroethene
Concen: 12.553 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036051.D
Acq: 13 Jun 2024 10:42

Tgt Ion:164 Resp: 88038
Ion Ratio Lower Upper
164 100
129 92.9 64.6 120.0
131 89.3 63.2 117.4
166 128.5 89.5 166.3

