

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036034.D
 Acq On : 11 Jun 2024 15:10
 Operator : SY/MD
 Sample : P2798-04
 Misc : 5.18g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB15

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:07:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	243517	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	254611	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	116198	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	293974	65.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 262.640%#			
7) Chloroethane-d5	1.529	69	258235	72.338	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 289.360%#			
11) 1,1-Dichloroethene-d2	2.053	65	139258	69.871	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 279.480%#			
21) 2-Butanone-d5	3.812	46	173312	168.722	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 337.440%#			
24) Chloroform-d	4.243	84	582014	75.177	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 300.720%#			
26) 1,2-Dichloroethane-d4	4.937	65	314057	77.370	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 309.480%#			
32) Benzene-d6	4.953	84	1159979	76.644	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 306.560%#			
36) 1,2-Dichloropropane-d6	5.982	67	379058	79.532	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 318.120%#			
41) Toluene-d8	7.239	98	1006023	75.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 301.360%#			
43) trans-1,3-Dichloroprop...	7.548	79	145848	74.633	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 298.520%#			
47) 2-Hexanone-d5	8.027	63	120816	187.098	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 374.200%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	303767	85.291	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 341.160%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	381925	89.630	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 358.520%#			
Target Compounds						Qvalue
13) Acetone	2.150	43	13864m	8.665	ug/L	
16) Methylene chloride	2.442	84	41360	7.506	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	8003	1.932	ug/L	93
19) 1,1-Dichloroethane	3.111	63	19233	2.438	ug/L	96
20) cis-1,2-Dichloroethene	3.806	96	3646619	876.094	ug/L	98
25) Chloroform	4.269	83	12987	1.600	ug/L	81
34) Trichloroethene	5.831	95	78912	15.462	ug/L	98
42) Toluene	7.326	91	21077	1.239	ug/L	100
46) Tetrachloroethene	7.902	164	253082	67.802	ug/L	98

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

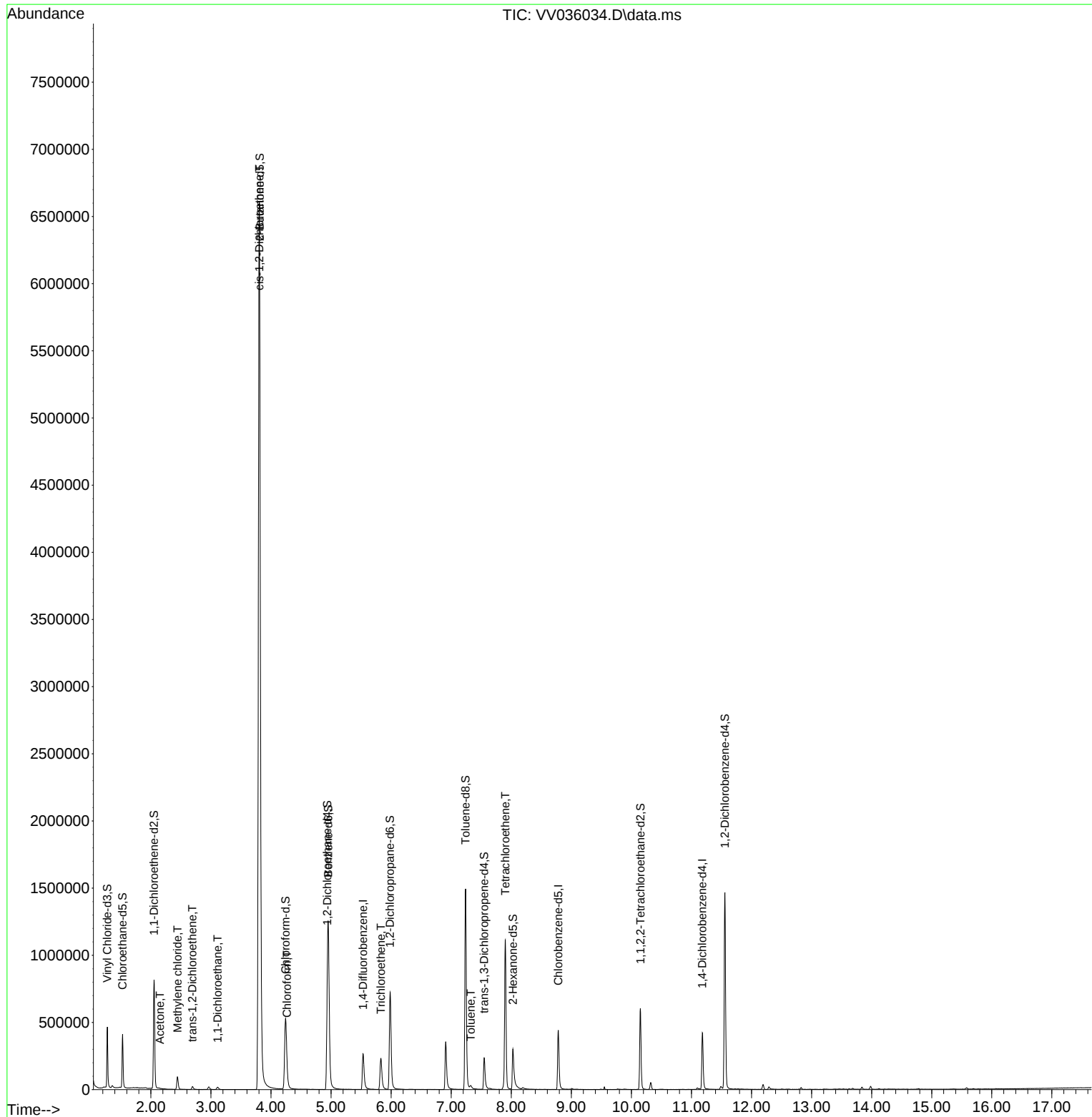
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036034.D
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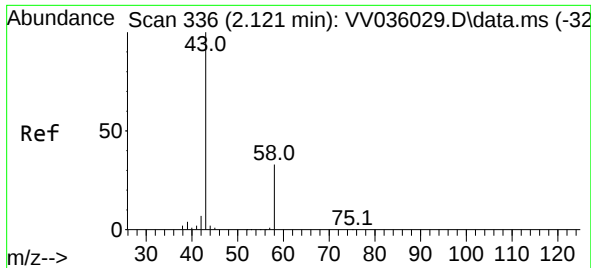
Instrument :
MSVOA_V
ClientSampleId :
BHB15

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Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:07:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 02:05:45 2024
Response via : Initial Calibration





#13

Acetone

Concen: 8.665 ug/L m

RT: 2.150 min Scan# 34

Delta R.T. 0.029 min

Lab File: VV036034.D

Acq: 11 Jun 2024 15:10

Instrument :

MSVOA_V

ClientSampleId :

BHB15

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

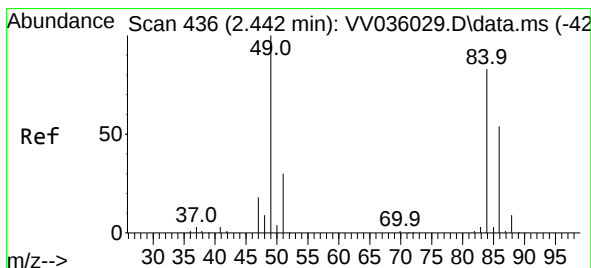
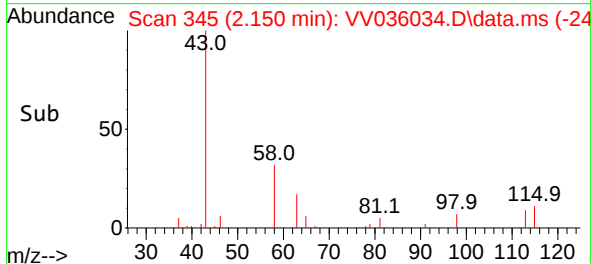
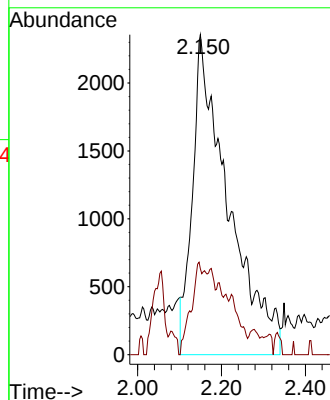
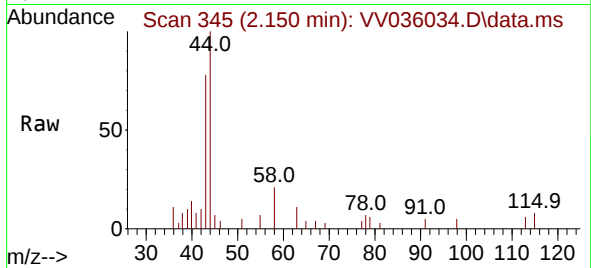
58 2.7 0.0 24.2

Manual Integrations

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#16

Methylene chloride

Concen: 7.506 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036034.D

Acq: 11 Jun 2024 15:10

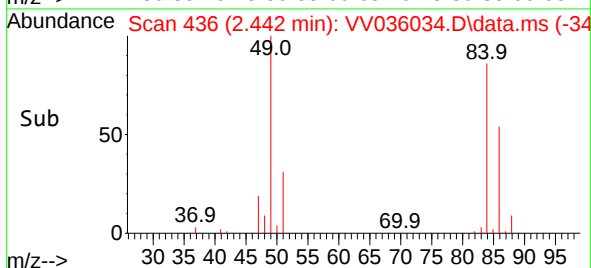
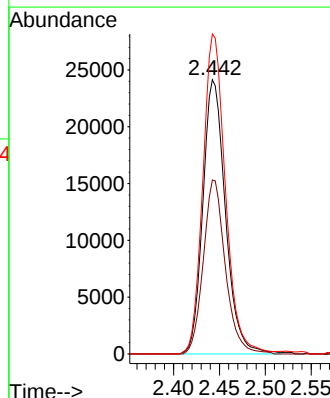
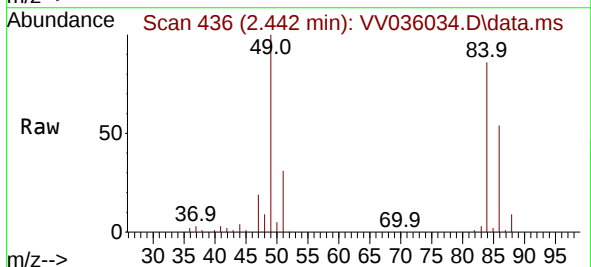
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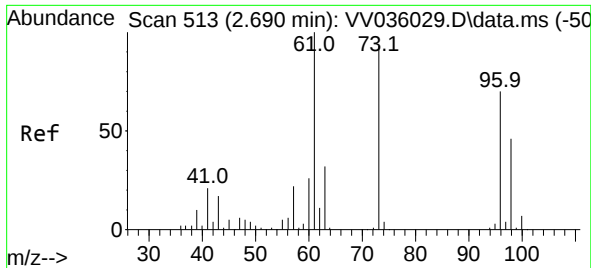
Ion Ratio Lower Upper

84 100

86 63.5 44.6 82.8

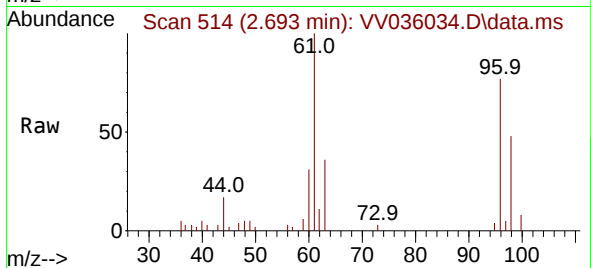
49 116.7 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 1.932 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV036034.D
Acq: 11 Jun 2024 15:10

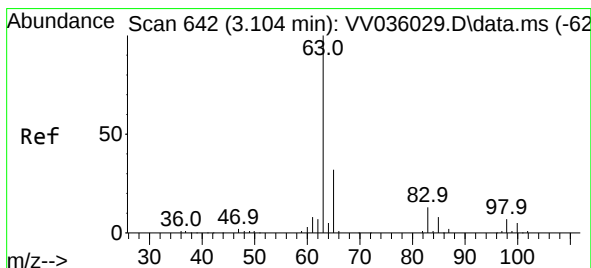
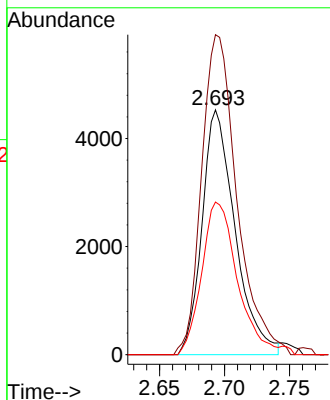
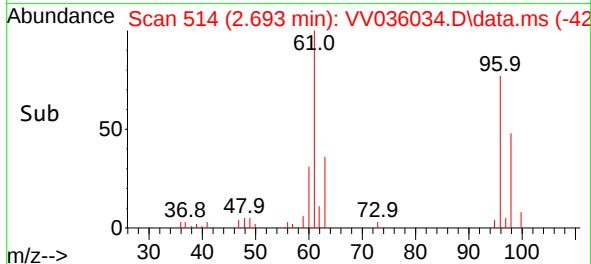
Instrument :
MSVOA_V
ClientSampleId :
BHB15



Tgt Ion: 96 Resp: 800
Ion Ratio Lower Upper
96 100
61 130.7 99.4 184.6
98 62.3 44.9 83.3

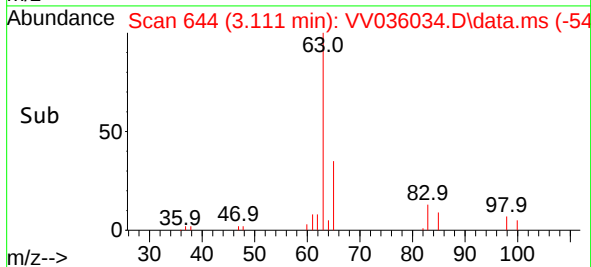
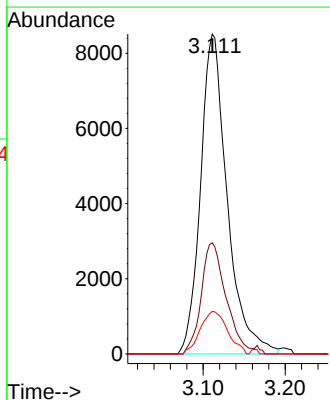
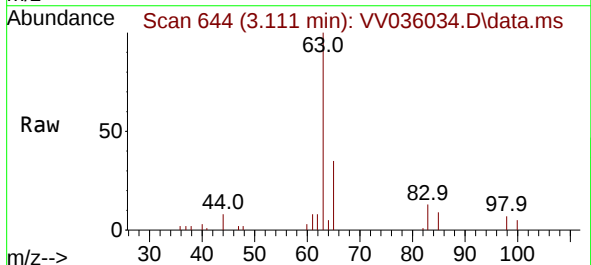
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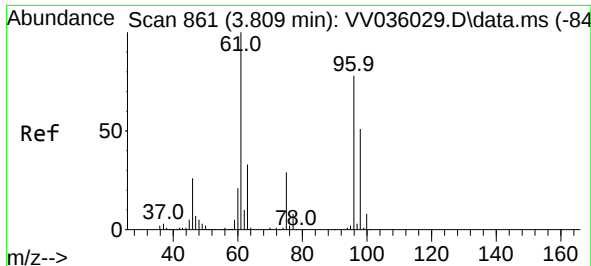
Reviewed By :Mahesh Dadoda 06/12/2024
Supervised By :Semsettin Yesilyurt 06/12/2024



#19
1,1-Dichloroethane
Concen: 2.438 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.007 min
Lab File: VV036034.D
Acq: 11 Jun 2024 15:10

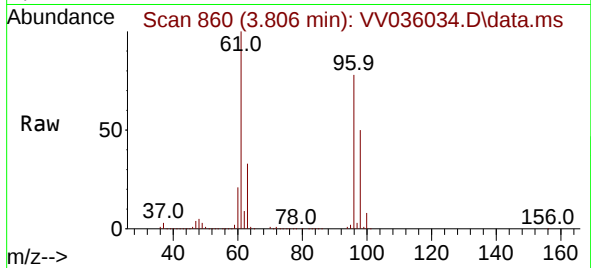
Tgt Ion: 63 Resp: 19233
Ion Ratio Lower Upper
63 100
65 34.8 22.4 41.6
83 13.3 9.2 17.0





#20
cis-1,2-Dichloroethene
Concen: 876.094 ug/L
RT: 3.806 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036034.D
Acq: 11 Jun 2024 15:10

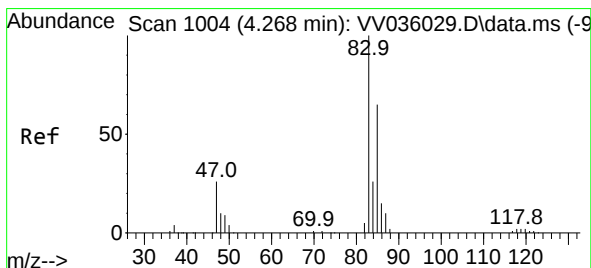
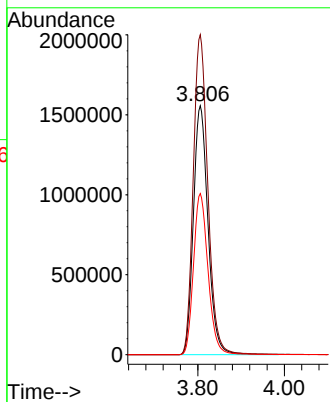
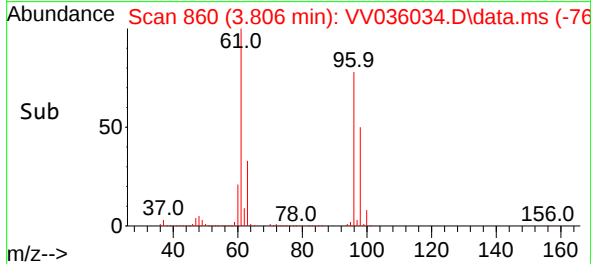
Instrument :
MSVOA_V
ClientSampleId :
BHB15



Tgt Ion: 96 Resp: 3646619
Ion Ratio Lower Upper
96 100
61 128.5 87.9 163.3
98 64.7 44.4 82.5

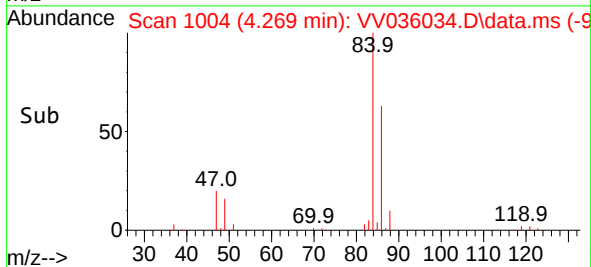
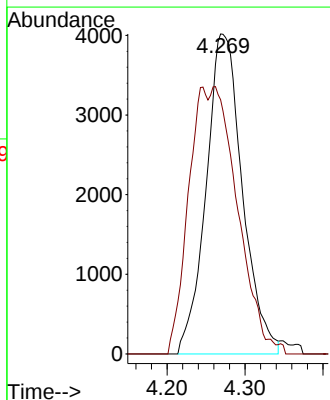
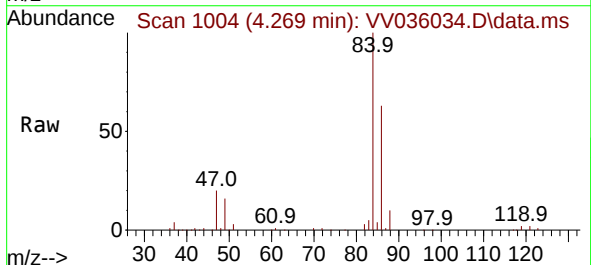
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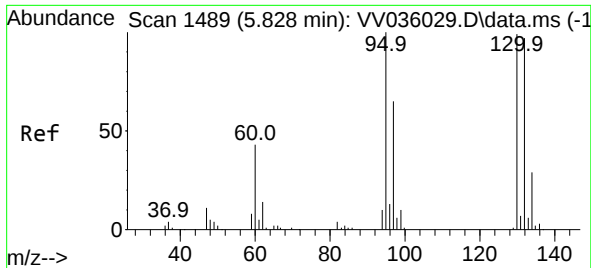
Reviewed By :Mahesh Dadoda 06/12/2024
Supervised By :Semsettin Yesilyurt 06/12/2024



#25
Chloroform
Concen: 1.600 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036034.D
Acq: 11 Jun 2024 15:10

Tgt Ion: 83 Resp: 12987
Ion Ratio Lower Upper
83 100
85 79.4 45.2 84.0





#34

Trichloroethene

Concen: 15.462 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV036034.D

Acq: 11 Jun 2024 15:10

Instrument :

MSVOA_V

ClientSampleId :

BHB15

Tgt Ion: 95 Resp: 7891

Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 96.2 66.8 124.2

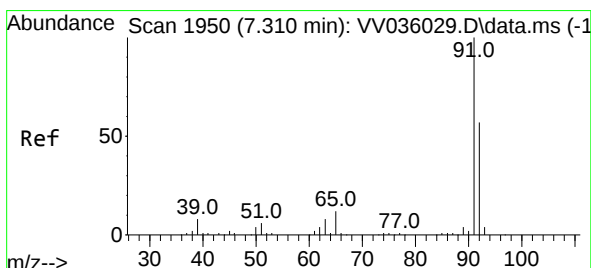
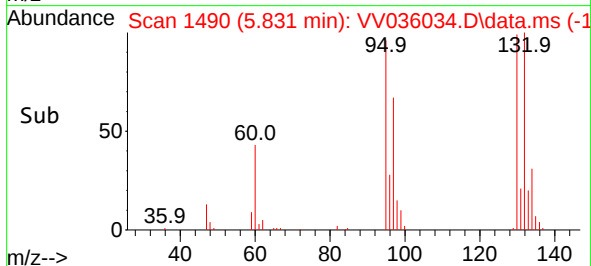
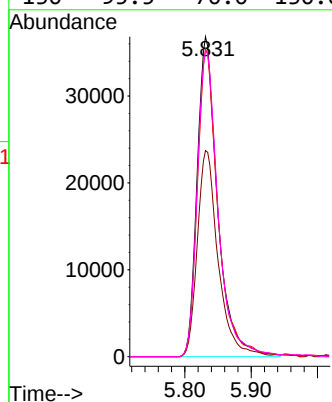
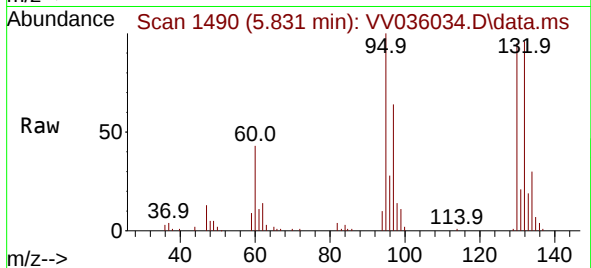
130 95.5 70.0 130.0

Manual Integrations

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#42

Toluene

Concen: 1.239 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VV036034.D

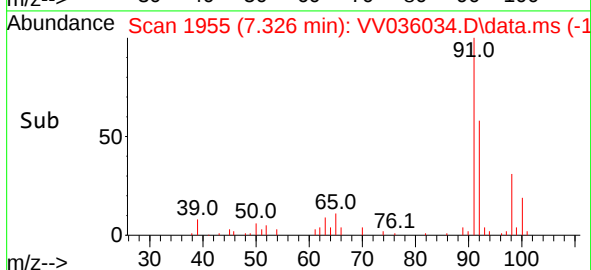
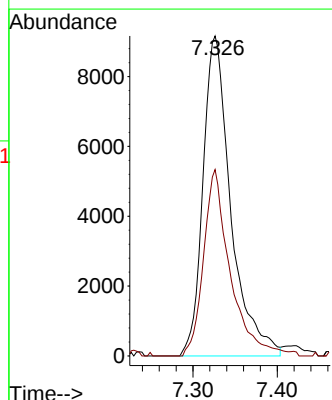
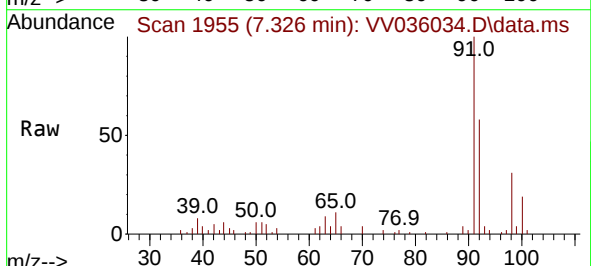
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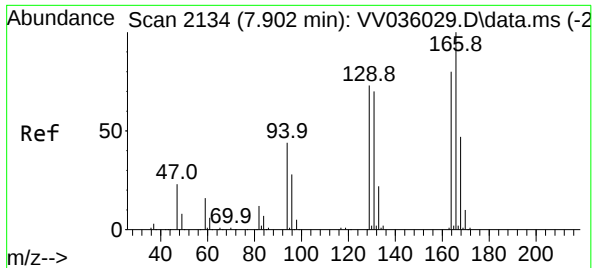
Tgt Ion: 91 Resp: 21077

Ion Ratio Lower Upper

91 100

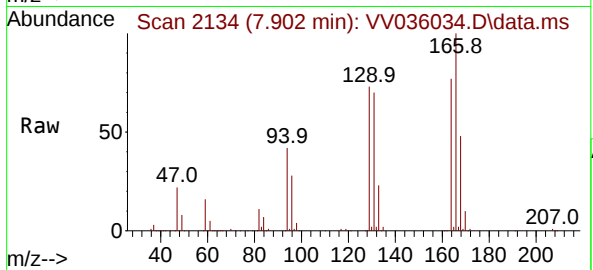
92 58.2 40.6 75.4





#46
Tetrachloroethene
Concen: 67.802 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036034.D
Acq: 11 Jun 2024 15:10

Instrument :
MSVOA_V
ClientSampleId :
BHB15



Tgt Ion:	164	Resp:	25308
Ion Ratio	Lower	Upper	
164	100		
129	94.7	64.6	120.0
131	90.5	63.2	117.4
166	129.9	89.5	166.3

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