

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036035.D
 Acq On : 11 Jun 2024 15:33
 Operator : SY/MD
 Sample : P2798-05
 Misc : 6.13g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB16

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 02:07:58 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	417074	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433274	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	223803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	169974	22.167	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.680%		
7) Chloroethane-d5	1.529	69	147531	24.130	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.520%		
11) 1,1-Dichloroethene-d2	2.053	65	79092	23.170	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.680%		
21) 2-Butanone-d5	3.809	46	130110m	73.956	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	147.920%#		
24) Chloroform-d	4.246	84	325811	24.571	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.280%		
26) 1,2-Dichloroethane-d4	4.940	65	183607	26.410	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.640%		
32) Benzene-d6	4.957	84	643397	24.982	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.920%		
36) 1,2-Dichloropropane-d6	5.985	67	215392	26.557	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.240%		
41) Toluene-d8	7.239	98	546967	24.070	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.280%		
43) trans-1,3-Dichloroprop...	7.551	79	83925	25.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.960%		
47) 2-Hexanone-d5	8.030	63	92009	83.732	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	167.460%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	199134	32.857	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	131.440%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	223090	27.183	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.720%		
Target Compounds						Qvalue
13) Acetone	2.156	43	14425m	5.264	ug/L	
16) Methylene chloride	2.442	84	29868	3.165	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	13189	1.859	ug/L	93
19) 1,1-Dichloroethane	3.111	63	26050	1.928	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	9344712	1310.817	ug/L	98
25) Chloroform	4.272	83	8389	0.604	ug/L #	74
34) Trichloroethene	5.828	95	215788	24.846	ug/L	99
42) Toluene	7.329	91	15169	0.524	ug/L	94
46) Tetrachloroethene	7.902	164	875623	137.851	ug/L	99

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

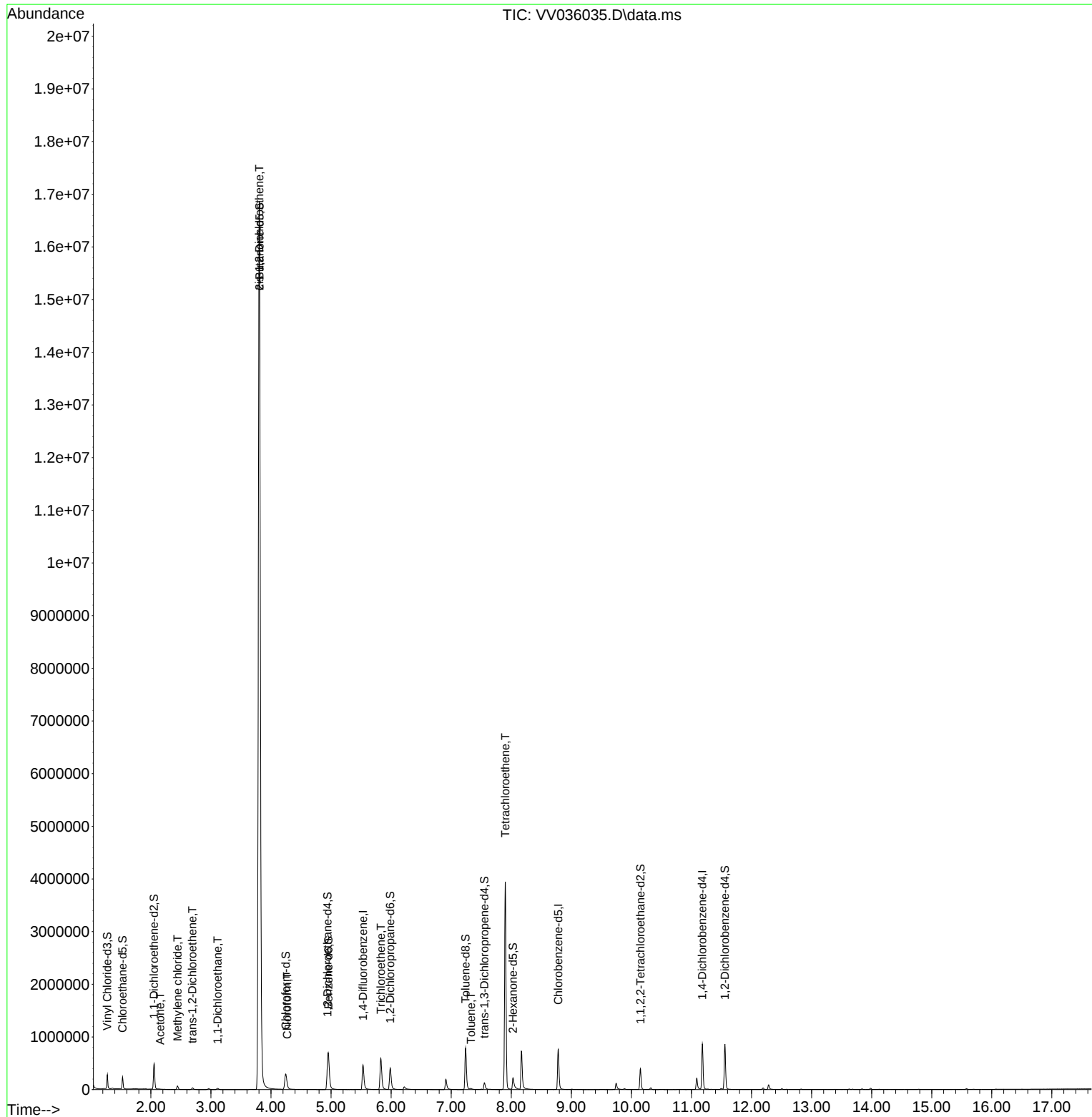
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036035.D
Acq On : 11 Jun 2024 15:33
Operator : SY/MD
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Misc : 6.13g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

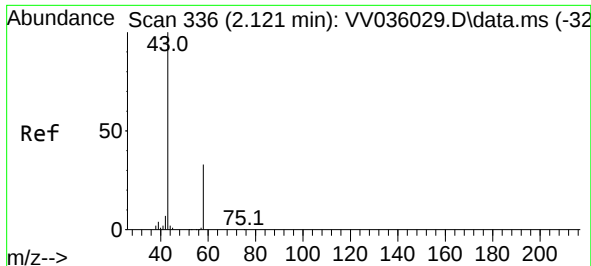
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis
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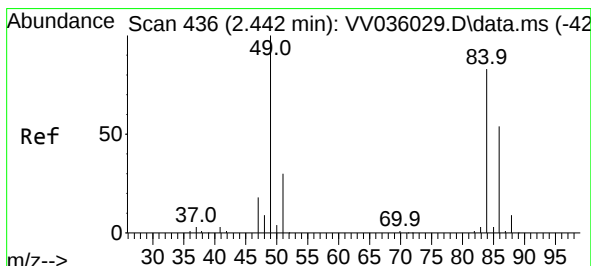
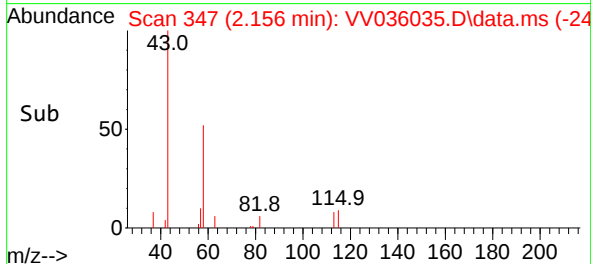
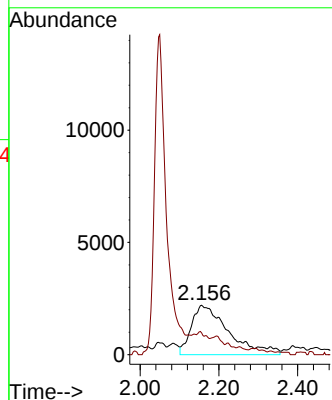
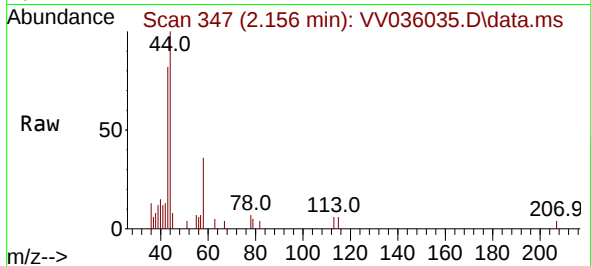
#13
Acetone
Concen: 5.264 ug/L m
RT: 2.156 min Scan# 34
Delta R.T. 0.035 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
58 0.1 0.0 24.2

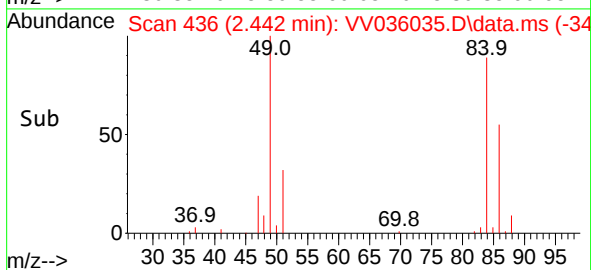
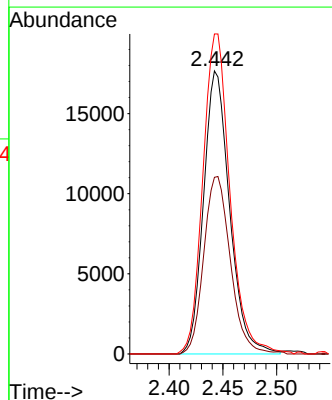
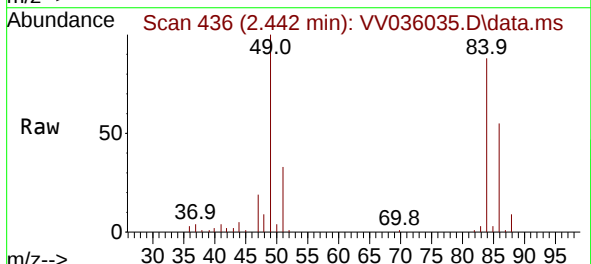
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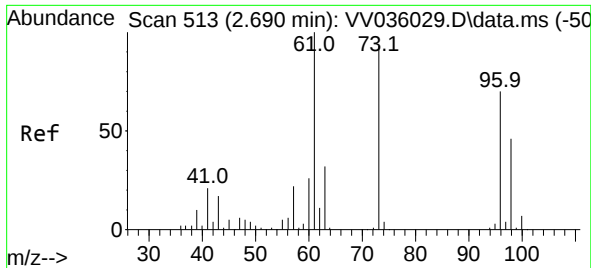
Reviewed By :Mahesh Dadoda 06/12/2024
Supervised By :Semsettin Yesilyurt 06/12/2024



#16
Methylene chloride
Concen: 3.165 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

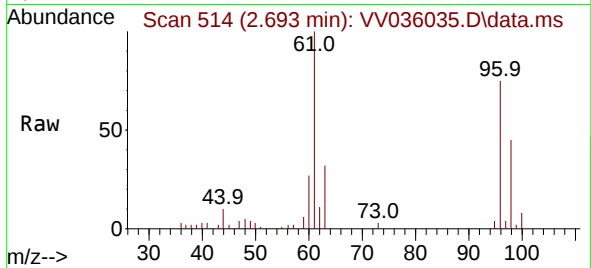
Tgt Ion: 84 Resp: 29868
Ion Ratio Lower Upper
84 100
86 62.4 44.6 82.8
49 113.0 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 1.859 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

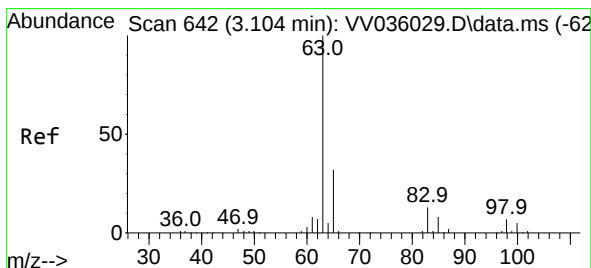
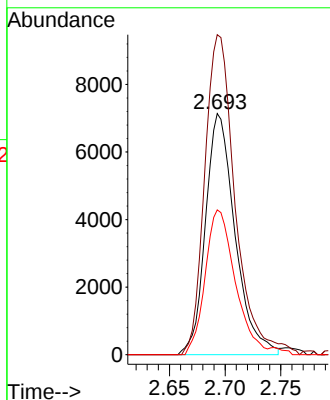
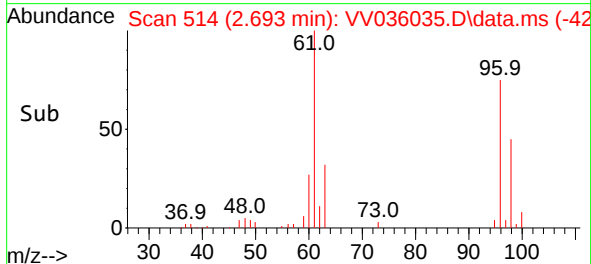
Instrument :
MSVOA_V
ClientSampleId :
BHB16



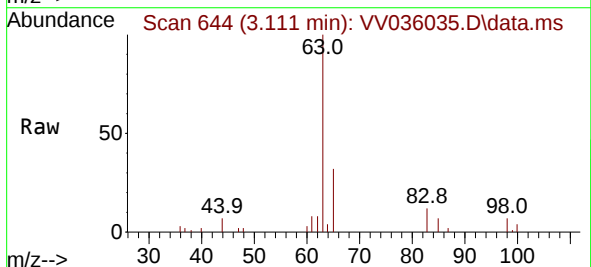
Tgt Ion: 96 Resp: 13189
Ion Ratio Lower Upper
96 100
61 132.7 99.4 184.6
98 60.1 44.9 83.3

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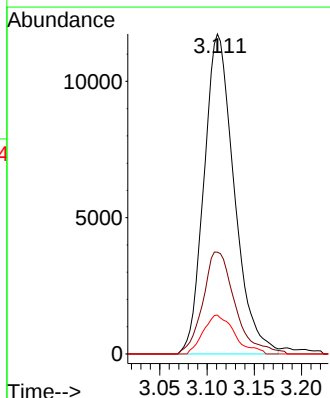
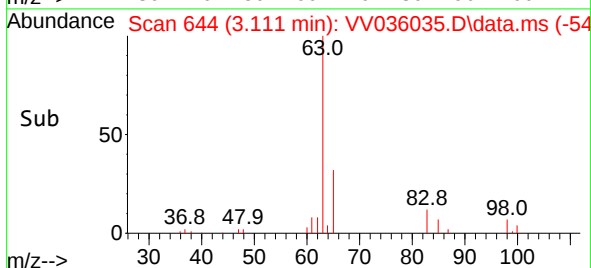
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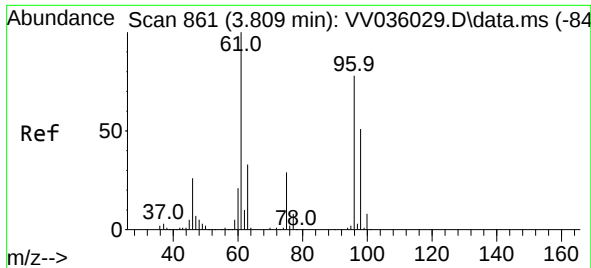


#19
1,1-Dichloroethane
Concen: 1.928 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33



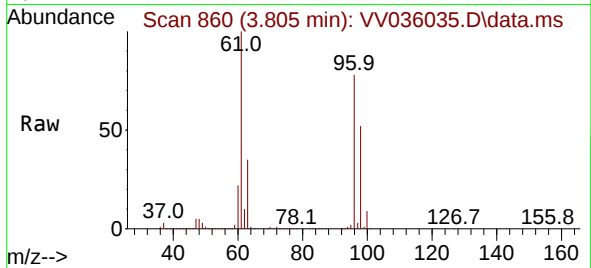
Tgt Ion: 63 Resp: 26050
Ion Ratio Lower Upper
63 100
65 31.8 22.4 41.6
83 12.1 9.2 17.0





#20
cis-1,2-Dichloroethene
Concen: 1310.817 ug/L
RT: 3.805 min Scan# 80
Delta R.T. -0.003 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

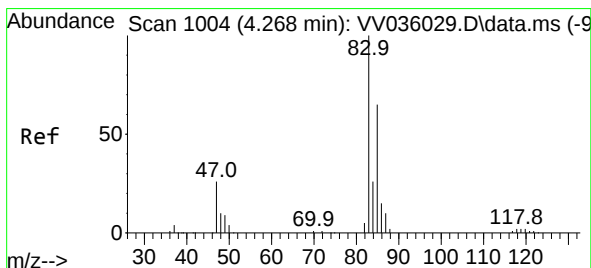
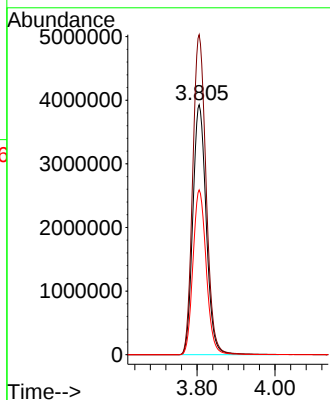
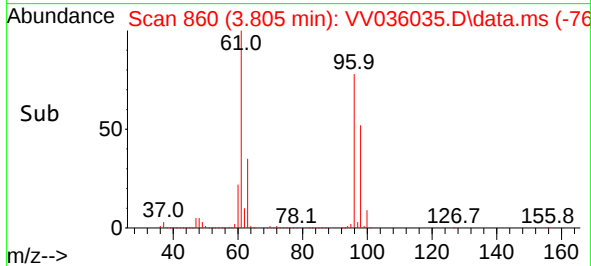
Instrument :
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Tgt Ion: 96 Resp: 934471
Ion Ratio Lower Upper
96 100
61 128.0 87.9 163.3
98 66.0 44.4 82.5

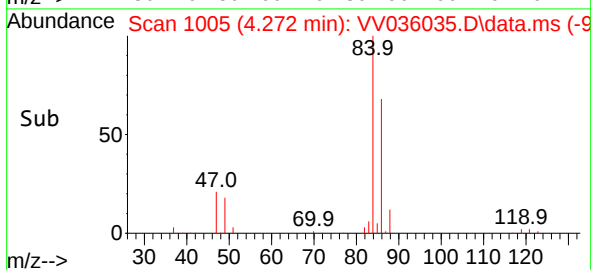
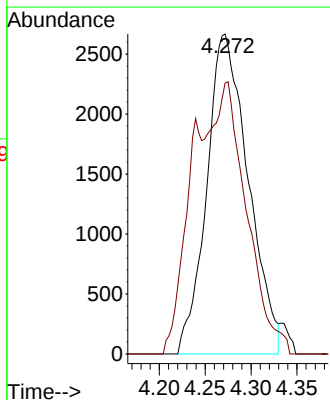
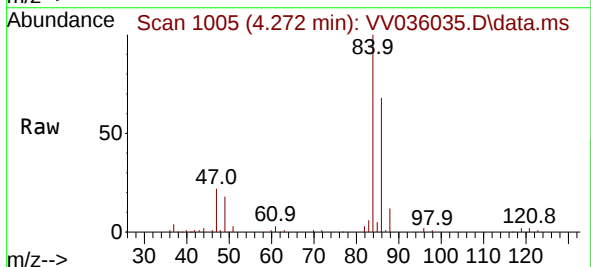
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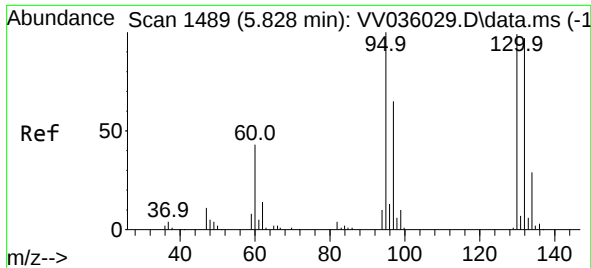
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#25
Chloroform
Concen: 0.604 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

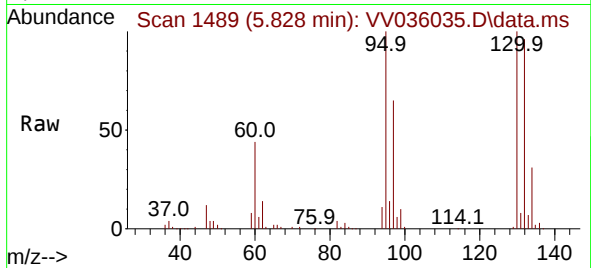
Tgt Ion: 83 Resp: 8389
Ion Ratio Lower Upper
83 100
85 84.7 45.2 84.0#





#34
Trichloroethene
Concen: 24.846 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

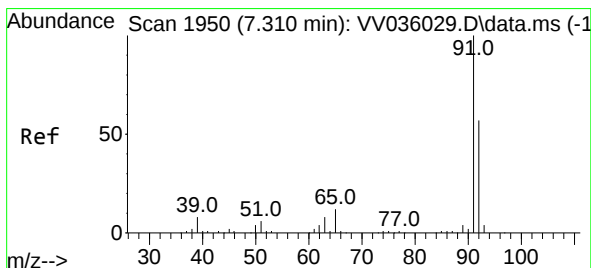
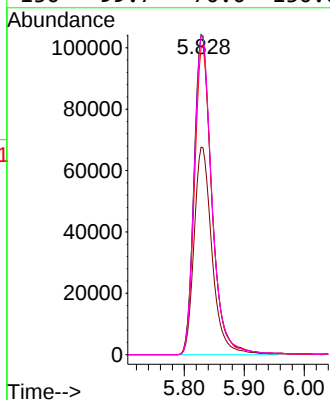
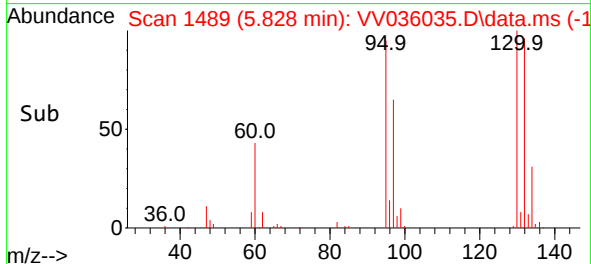
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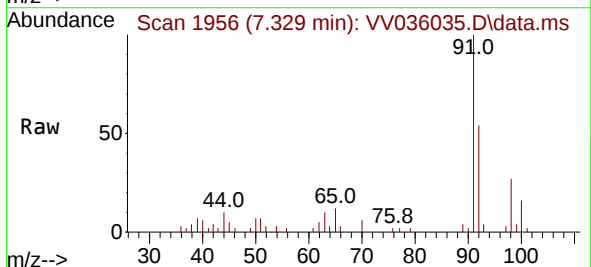
Tgt Ion: 95 Resp: 21578
Ion Ratio Lower Upper
95 100
97 64.9 44.8 83.2
132 96.0 66.8 124.2
130 99.7 70.0 130.0

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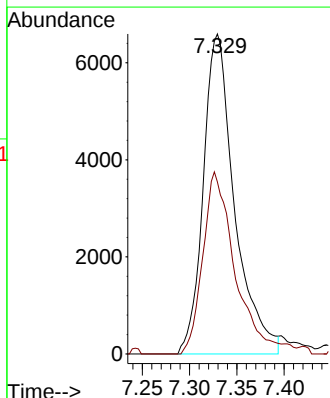
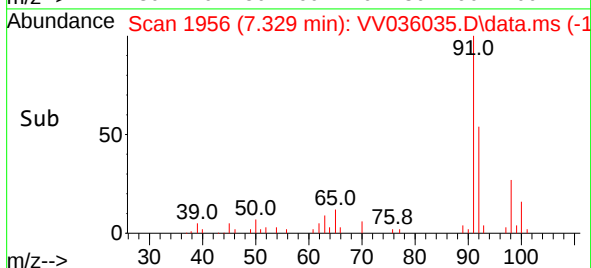
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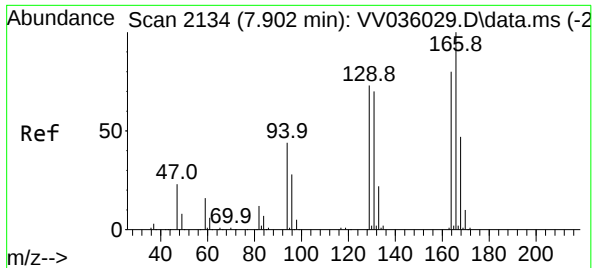


#42
Toluene
Concen: 0.524 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.019 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33



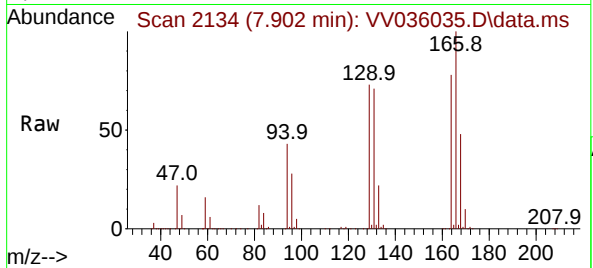
Tgt Ion: 91 Resp: 15169
Ion Ratio Lower Upper
91 100
92 53.7 40.6 75.4





#46
 Tetrachloroethene
 Concen: 137.851 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.000 min
 Lab File: VV036035.D
 Acq: 11 Jun 2024 15:33

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Tgt Ion:	164	Resp:	87562
Ion Ratio	Lower	Upper	
164	100		
129	93.4	64.6	120.0
131	91.1	63.2	117.4
166	128.5	89.5	166.3

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