

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036060.D
 Acq On : 13 Jun 2024 14:08
 Operator : SY/MD
 Sample : P2850-05
 Misc : 5.41g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB06

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 01:18:42 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	317359	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	253282	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	210873	36.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 144.560%			
7) Chloroethane-d5	1.529	69	153004	32.888	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 131.560%			
11) 1,1-Dichloroethene-d2	2.056	65	85194	32.799	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 131.200%#			
21) 2-Butanone-d5	3.802	46	24864m	18.573	ug/L	-0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 37.140%			
24) Chloroform-d	4.246	84	263651	26.131	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.520%			
26) 1,2-Dichloroethane-d4	4.941	65	106583	20.148	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.600%			
32) Benzene-d6	4.957	84	535435	35.564	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 142.240%#			
36) 1,2-Dichloropropane-d6	5.986	67	153624	32.402	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 129.600%#			
41) Toluene-d8	7.243	98	417658	31.440	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 125.760%			
43) trans-1,3-Dichloroprop...	7.558	79	40140	20.648	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.600%			
47) 2-Hexanone-d5	8.037	63	14157m	22.039	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 44.080%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	71941	20.306	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.240%			
66) 1,2-Dichlorobenzene-d4	11.558	152	85751	28.192	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.760%			
Target Compounds						
5) Vinyl chloride	1.282	62	1295714	187.417	ug/L	99
6) Bromomethane	1.484	94	5508	1.284	ug/L	93
13) Acetone	2.111	43	28193m	13.520	ug/L	
14) Carbon disulfide	2.240	76	15723	0.891	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	7298	1.352	ug/L	95
20) cis-1,2-Dichloroethene	3.809	96	410066	75.595	ug/L	99
34) Trichloroethene	5.841	95	13263	2.612	ug/L	98
42) Toluene	7.326	91	15073	0.890	ug/L	95
46) Tetrachloroethene	7.912	164	2225	0.599	ug/L	94

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

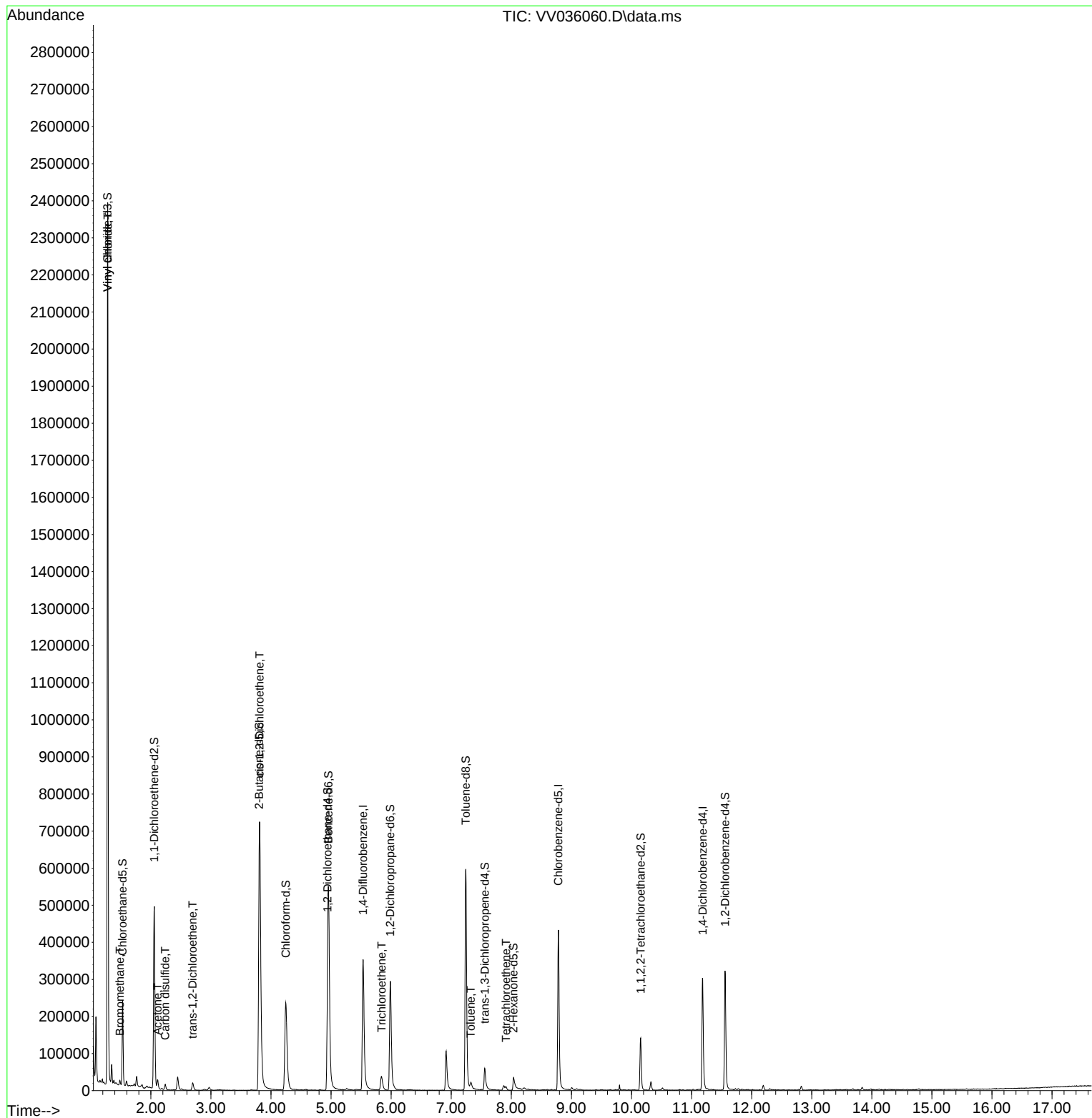
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036060.D
Acq On : 13 Jun 2024 14:08
Operator : SY/MD
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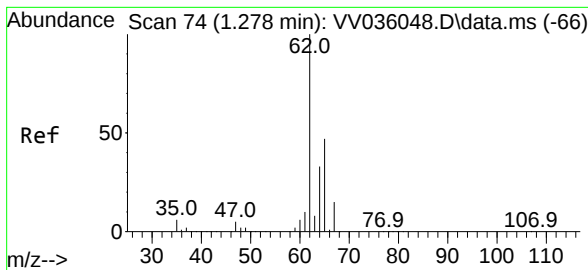
Instrument :
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ClientSampleId :
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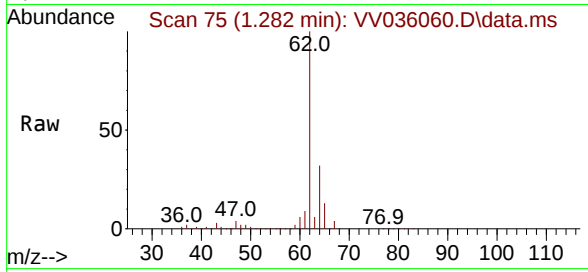
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 187.417 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036060.D
 Acq: 13 Jun 2024 14:08

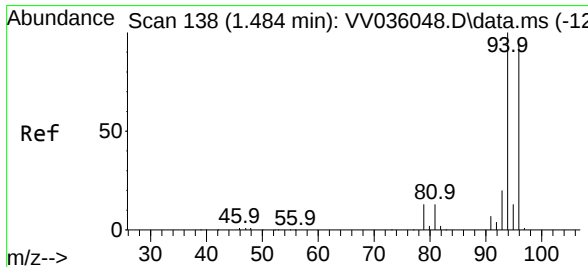
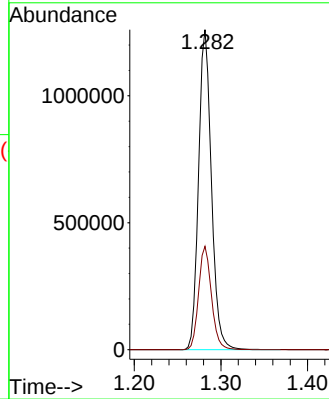
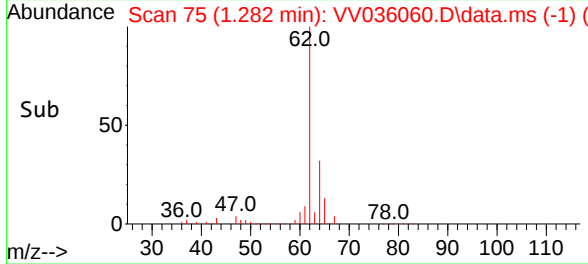
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Tgt Ion: 62 Resp: 1295714
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5

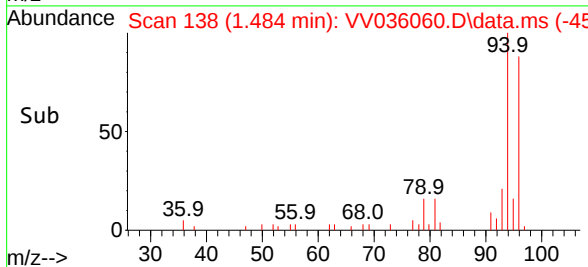
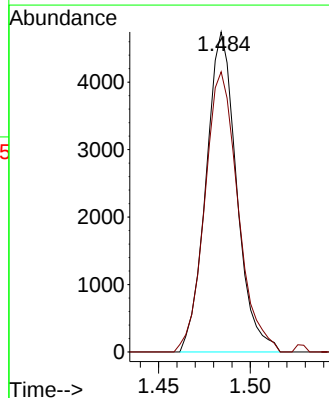
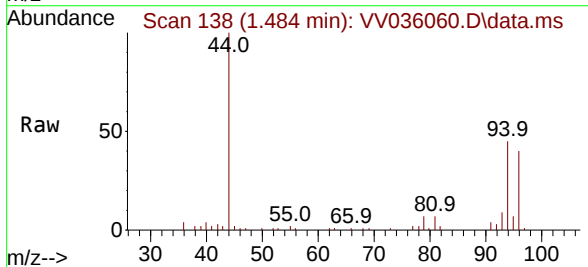
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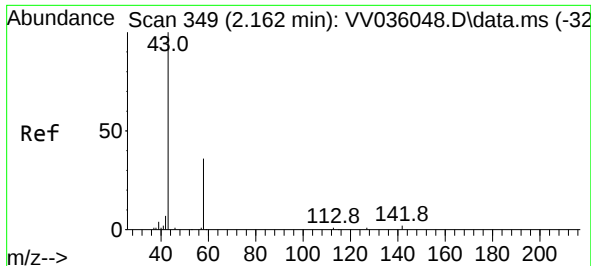
Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024



#6
 Bromomethane
 Concen: 1.284 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV036060.D
 Acq: 13 Jun 2024 14:08

Tgt Ion: 94 Resp: 5508
 Ion Ratio Lower Upper
 94 100
 96 87.5 65.7 122.1





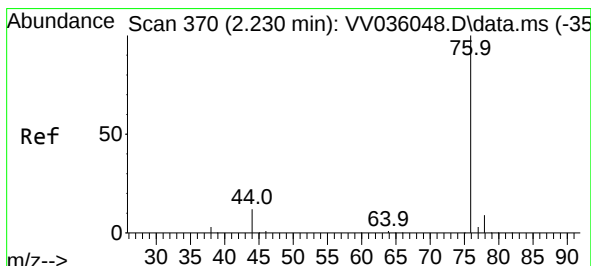
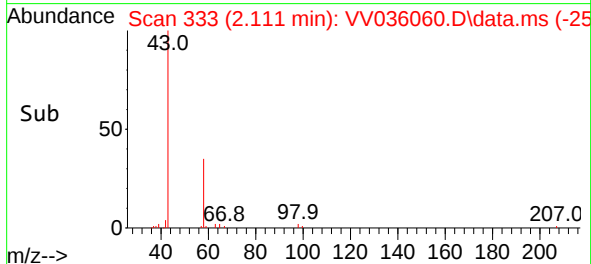
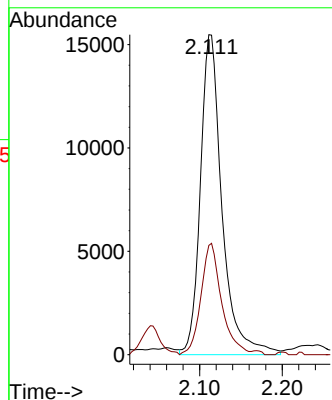
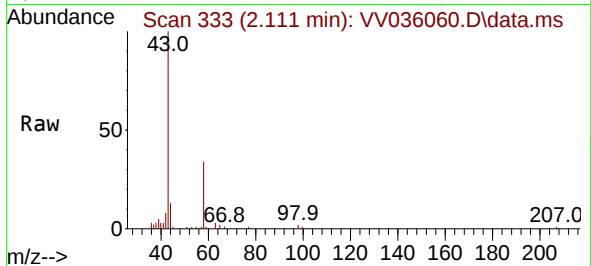
#13
Acetone
Concen: 13.520 ug/L m
RT: 2.111 min Scan# 31
Delta R.T. -0.051 min
Lab File: VV036060.D
Acq: 13 Jun 2024 14:08

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 2819
Ion Ratio Lower Upper
43 100
58 0.2 0.0 24.2

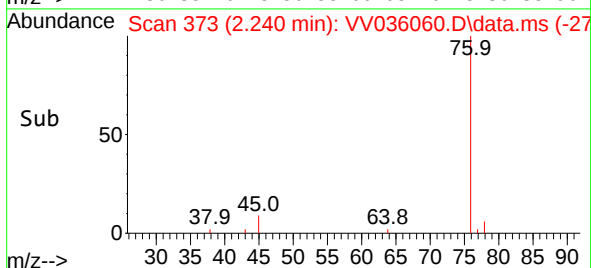
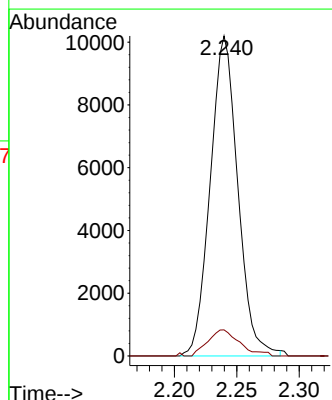
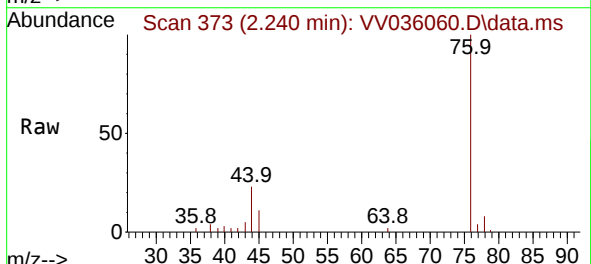
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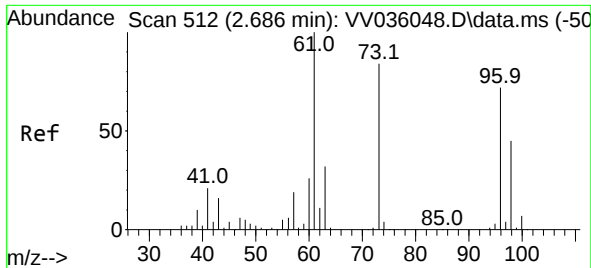
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#14
Carbon disulfide
Concen: 0.891 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.010 min
Lab File: VV036060.D
Acq: 13 Jun 2024 14:08

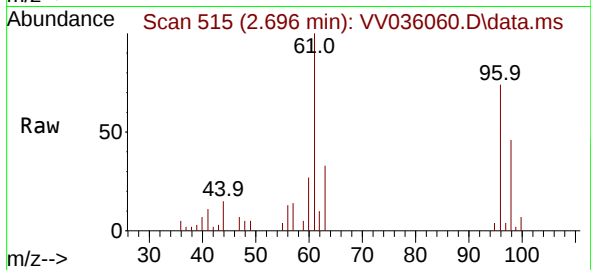
Tgt Ion: 76 Resp: 15723
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2





#17
trans-1,2-Dichloroethene
Concen: 1.352 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.010 min
Lab File: VV036060.D
Acq: 13 Jun 2024 14:08

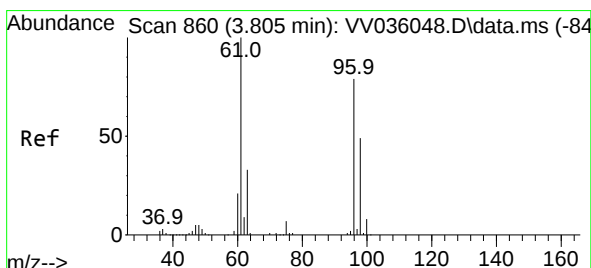
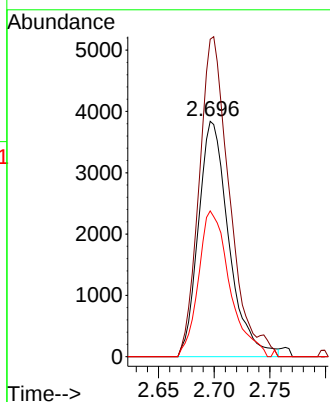
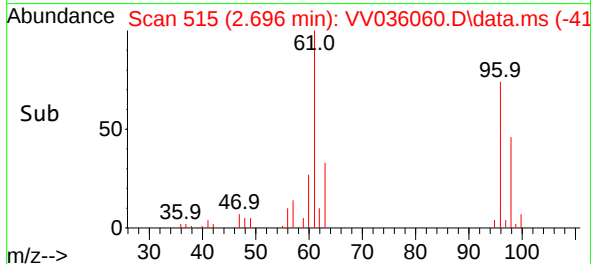
Instrument :
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ClientSampleId :
BHB06



Tgt Ion: 96 Resp: 7298
Ion Ratio Lower Upper
96 100
61 134.8 99.4 184.6
98 61.9 44.9 83.3

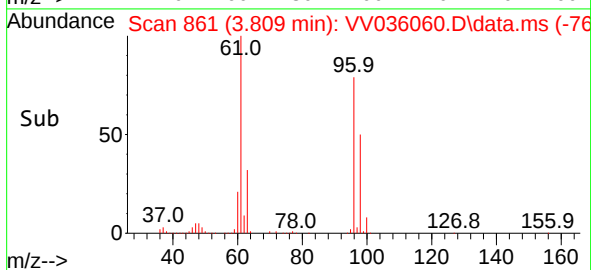
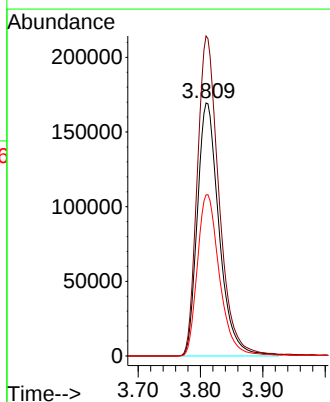
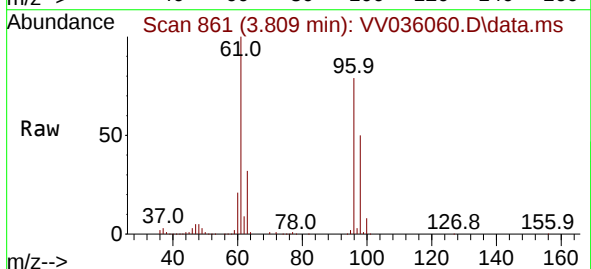
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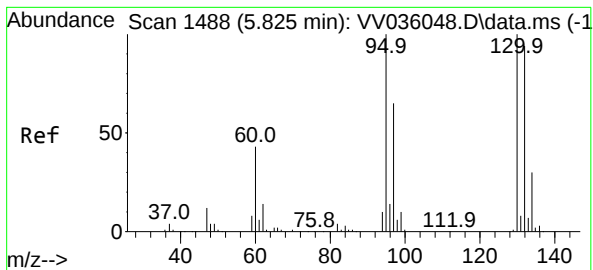
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Supervised By :Semsettin Yesilyurt 06/20/2024



#20
cis-1,2-Dichloroethene
Concen: 75.595 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036060.D
Acq: 13 Jun 2024 14:08

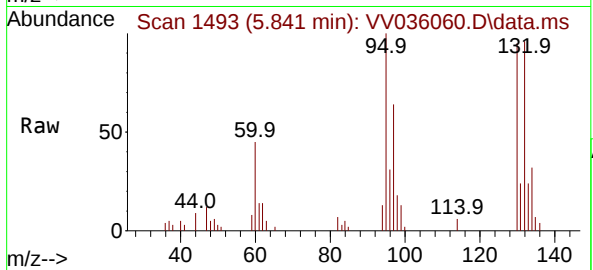
Tgt Ion: 96 Resp: 410066
Ion Ratio Lower Upper
96 100
61 126.5 87.9 163.3
98 63.7 44.4 82.5





#34
Trichloroethene
Concen: 2.612 ug/L
RT: 5.841 min Scan# 1488
Delta R.T. 0.016 min
Lab File: VV036060.D
Acq: 13 Jun 2024 14:08

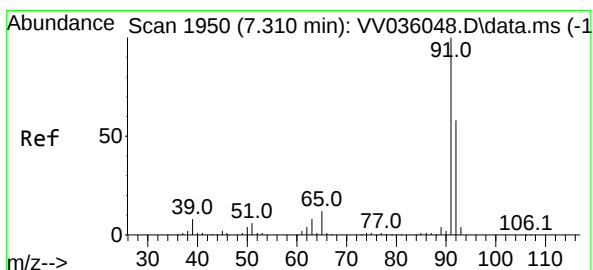
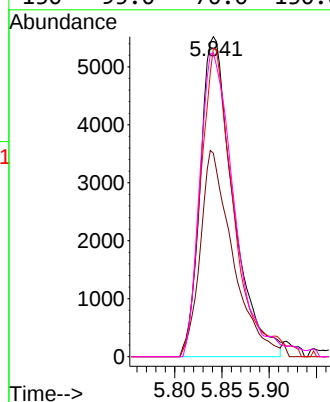
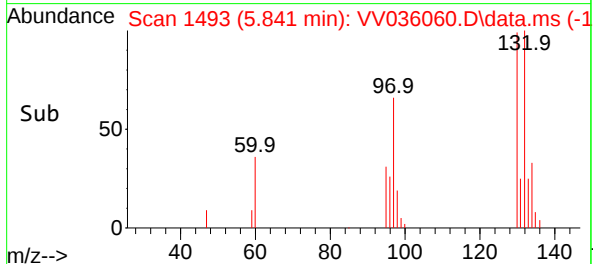
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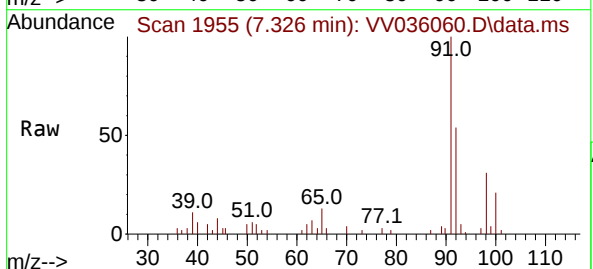
Tgt Ion: 95 Resp: 1326
Ion Ratio Lower Upper
95 100
97 63.6 44.8 83.2
132 96.3 66.8 124.2
130 95.0 70.0 130.0

Manual Integrations
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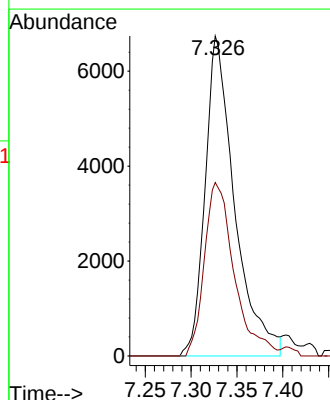
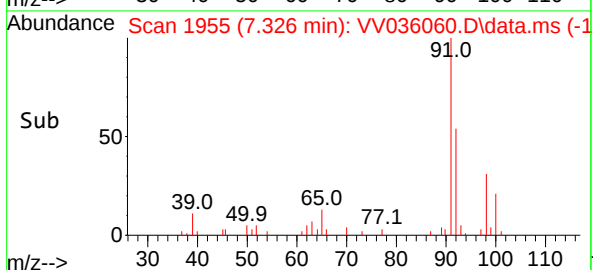
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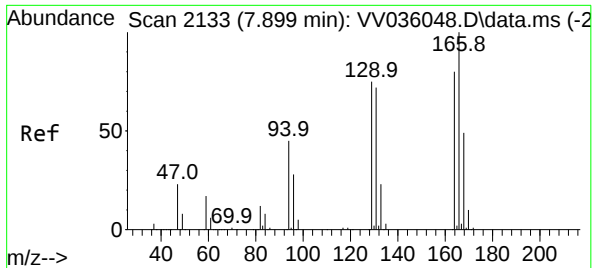


#42
Toluene
Concen: 0.890 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.016 min
Lab File: VV036060.D
Acq: 13 Jun 2024 14:08



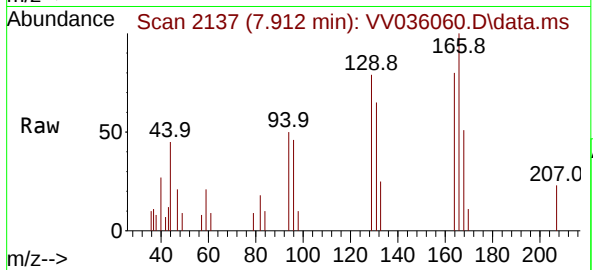
Tgt Ion: 91 Resp: 15073
Ion Ratio Lower Upper
91 100
92 54.2 40.6 75.4





#46
Tetrachloroethene
Concen: 0.599 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.013 min
Lab File: VV036060.D
Acq: 13 Jun 2024 14:08

Instrument :
MSVOA_V
ClientSampleId :
BHB06



Tgt Ion:164 Resp: 222

Ion	Ratio	Lower	Upper
164	100		
129	99.2	64.6	120.0
131	81.9	63.2	117.4
166	125.4	89.5	166.3

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