

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037683.D
 Acq On : 01 Oct 2024 01:38
 Operator : SY/MD
 Sample : P4205-01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY075

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 07:49:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	654871	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	631827	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	297750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	187881	32.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.360%		
7) Chloroethane-d5	1.532	69	168898	37.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.700%		
11) 1,1-Dichloroethene-d2	2.059	65	88707	36.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.860%		
21) 2-Butanone-d5	3.786	46	201781	98.546	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.550%		
24) Chloroform-d	4.243	84	452208	44.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
26) 1,2-Dichloroethane-d4	4.937	65	279746	46.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
32) Benzene-d6	4.953	84	874090	44.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
36) 1,2-Dichloropropane-d6	5.982	67	290899	46.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.420%		
41) Toluene-d8	7.236	98	781552	43.594	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.180%		
43) trans-1,3-Dichloroprop...	7.548	79	124509	42.573	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.140%		
47) 2-Hexanone-d5	8.024	63	118812	89.373	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.370%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	333555	45.598	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	11.554	152	325347	51.855	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.700%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	1027567	177.090	ug/L	99
8) Chloroethane	1.548	64	1011791	282.907	ug/L	98
12) 1,1-Dichloroethene	2.072	96	50441m	11.570	ug/L	
17) trans-1,2-Dichloroethene	2.693	96	140741	30.515	ug/L	99
19) 1,1-Dichloroethane	3.104	63	5429393	614.398	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	4864462	942.477	ug/L	99
27) 1,2-Dichloroethane	5.043	62	45239	7.004	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	1165227	149.738	ug/L	99
33) Benzene	5.011	78	48950	2.569	ug/L	100
34) Trichloroethene	5.828	95	162235	31.970	ug/L	98
46) Tetrachloroethene	7.898	164	69281	17.856	ug/L	94

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

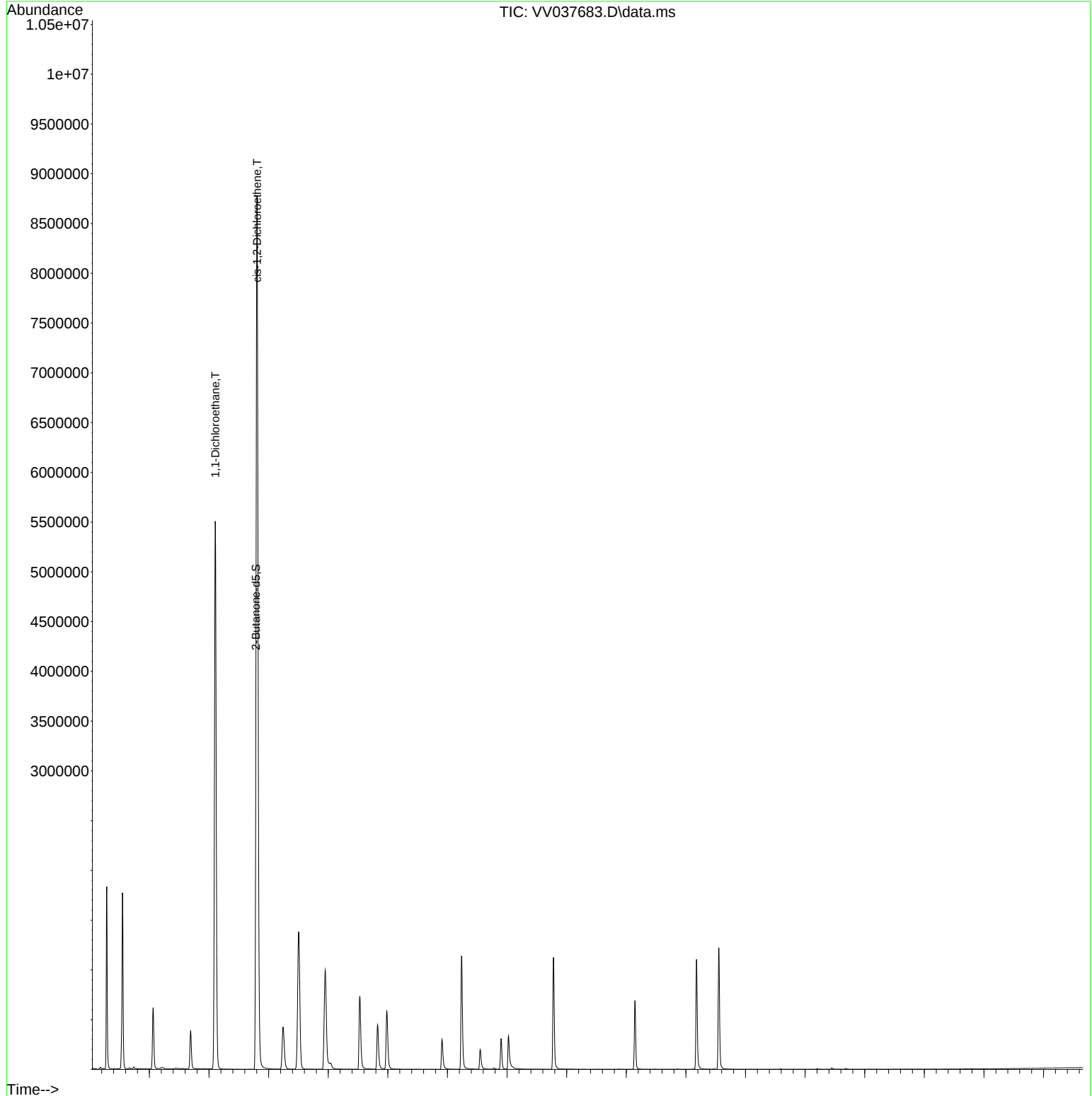
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037683.D
Acq On : 01 Oct 2024 01:38
Operator : SY/MD
Sample : P4205-01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

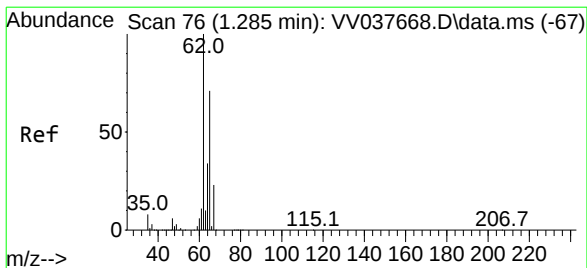
Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Oct 01 04:32:07 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 177.090 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037683.D

Acq: 01 Oct 2024 01:38

Instrument :

MSVOA_V

ClientSampleId :

EY075

Tgt Ion: 62 Resp: 1027567

Ion Ratio Lower Upper

62 100

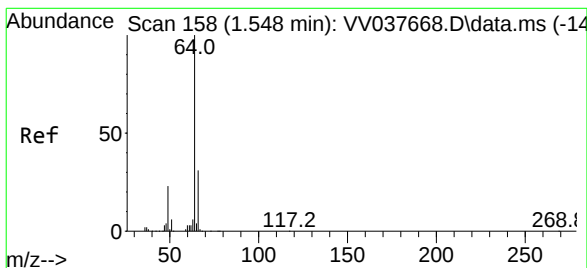
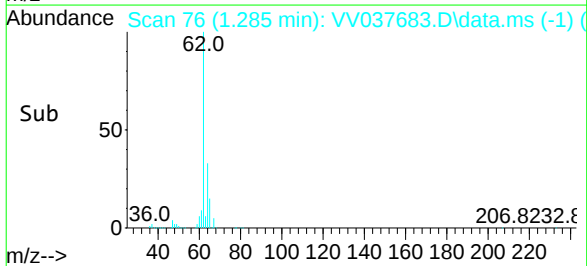
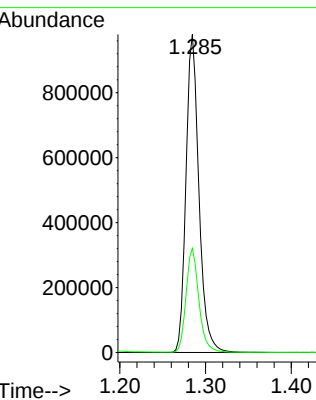
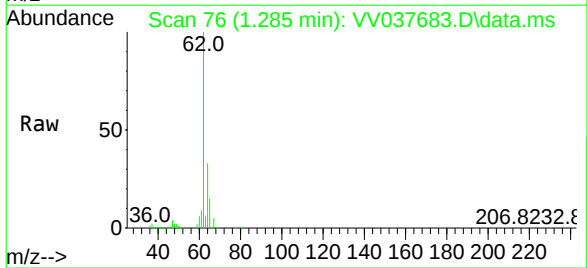
64 32.7 23.2 43.0

Manual Integrations

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#8

Chloroethane

Concen: 282.907 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037683.D

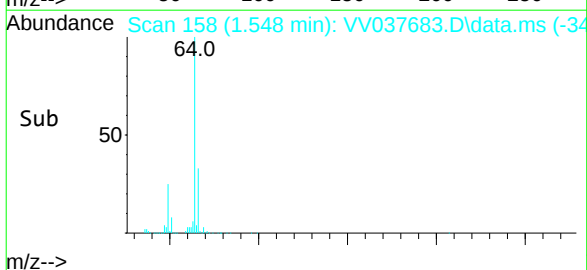
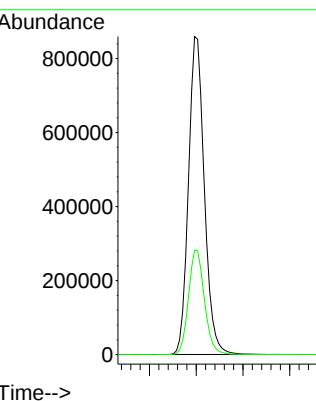
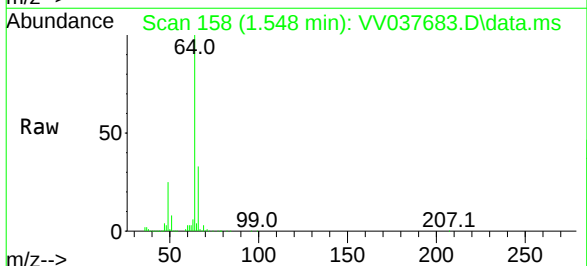
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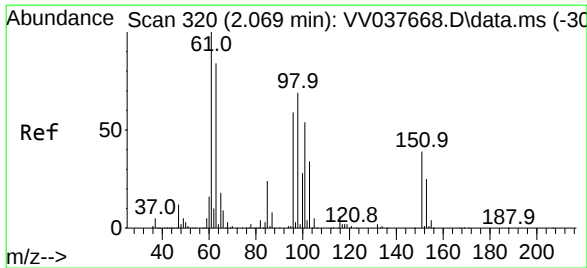
Tgt Ion: 64 Resp: 1011791

Ion Ratio Lower Upper

64 100

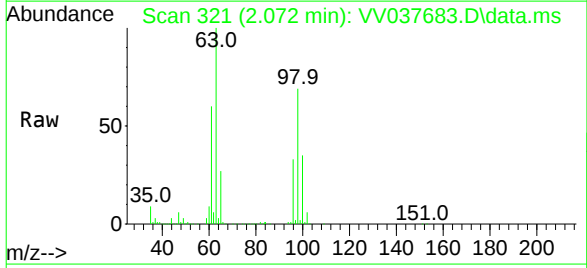
66 32.9 22.2 41.2





#12
1,1-Dichloroethene
Concen: 11.570 ug/L m
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

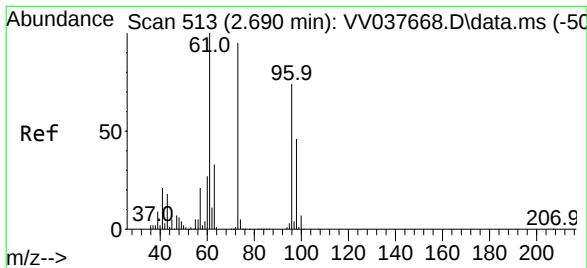
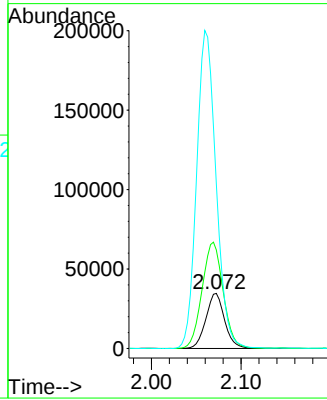
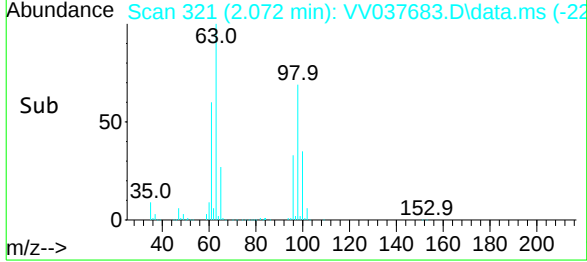
Instrument :
MSVOA_V
ClientSampleId :
EY075



Tgt Ion: 96 Resp: 50441
Ion Ratio Lower Upper
96 100
61 178.8 122.6 227.6
63 299.3 118.0 219.2

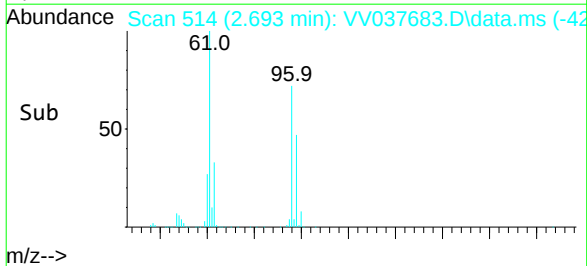
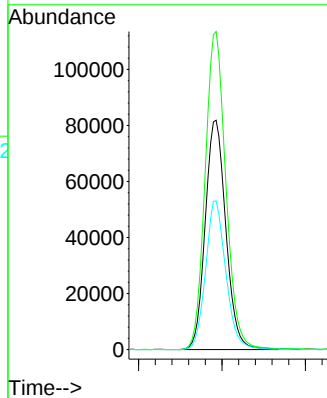
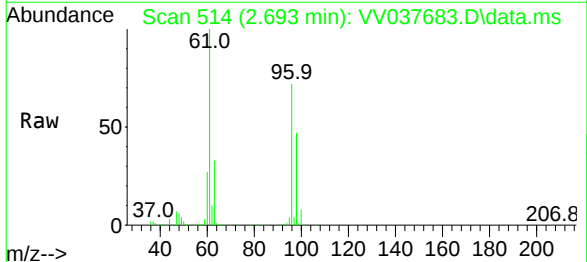
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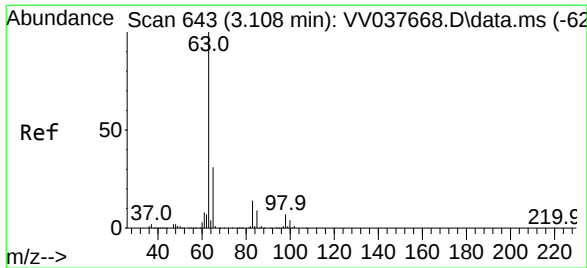
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#17
trans-1,2-Dichloroethene
Concen: 30.515 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

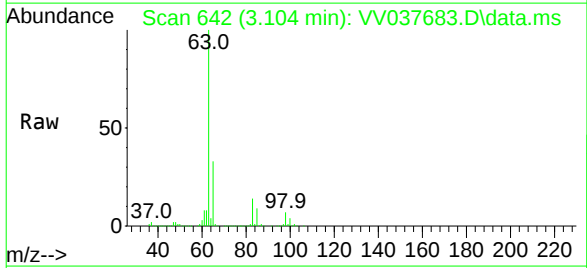
Tgt Ion: 96 Resp: 140741
Ion Ratio Lower Upper
96 100
61 138.7 97.3 180.7
98 64.9 43.9 81.5





#19
1,1-Dichloroethane
Concen: 614.398 ug/L
RT: 3.104 min Scan# 643
Delta R.T. -0.003 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

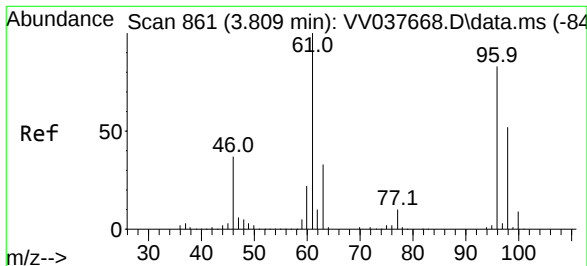
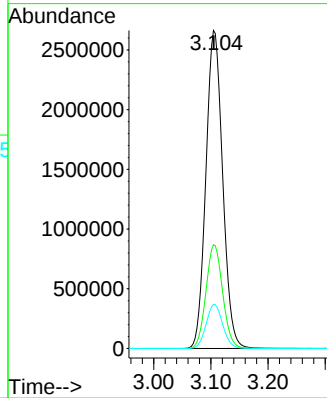
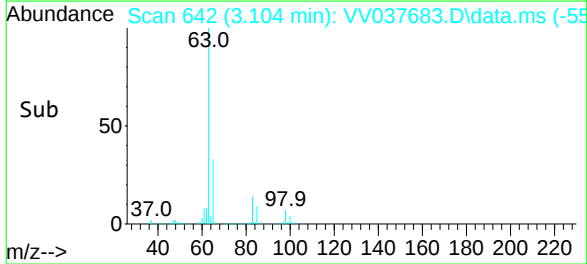
Instrument :
MSVOA_V
ClientSampleId :
EY075



Tgt Ion: 63 Resp: 5429393
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 13.9 9.5 17.7

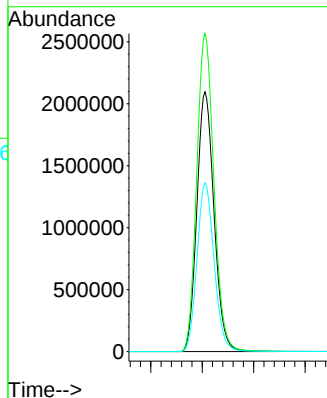
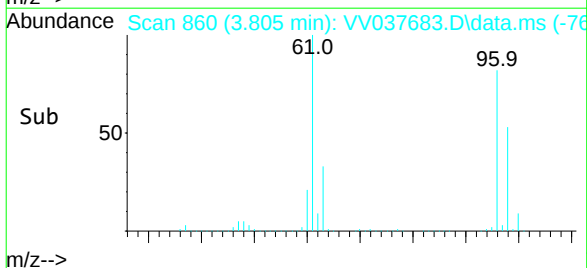
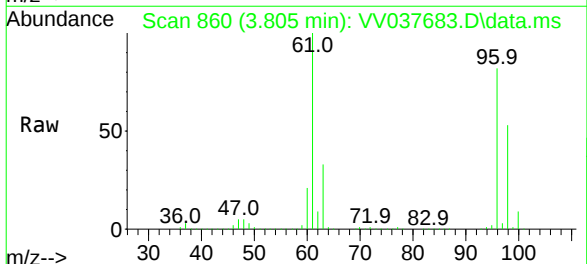
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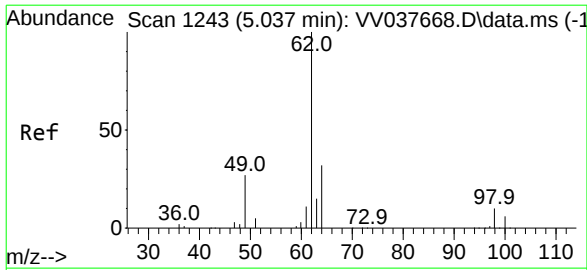
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
cis-1,2-Dichloroethene
Concen: 942.477 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

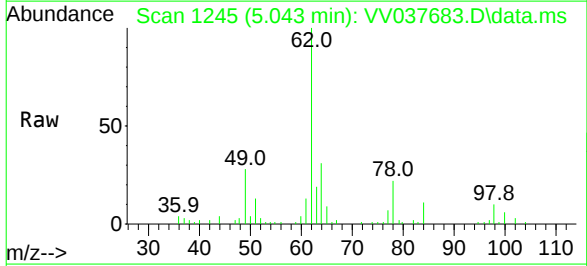
Tgt Ion: 96 Resp: 4864462
Ion Ratio Lower Upper
96 100
61 122.4 85.0 157.8
98 65.0 44.2 82.0





#27
1,2-Dichloroethane
Concen: 7.004 ug/L
RT: 5.043 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

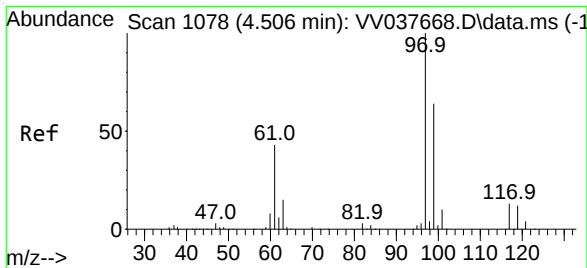
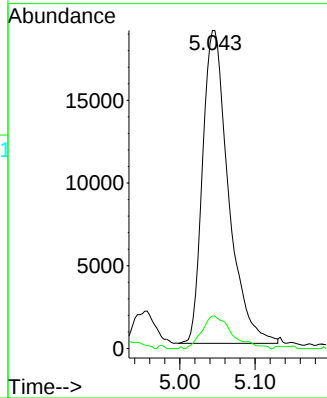
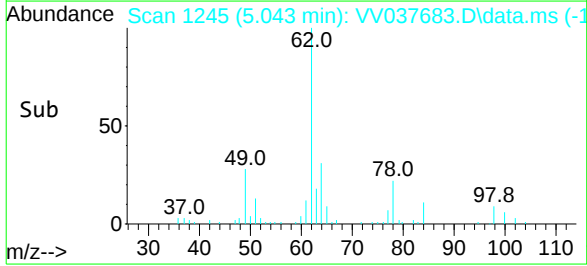
Instrument :
MSVOA_V
ClientSampleId :
EY075



Tgt Ion: 62 Resp: 45239
Ion Ratio Lower Upper
62 100
98 10.2 8.4 12.6

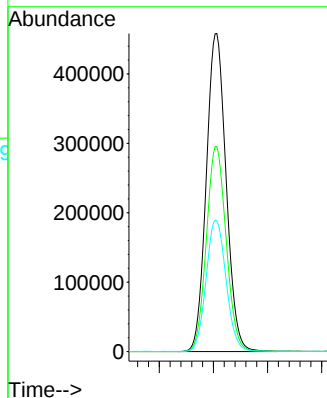
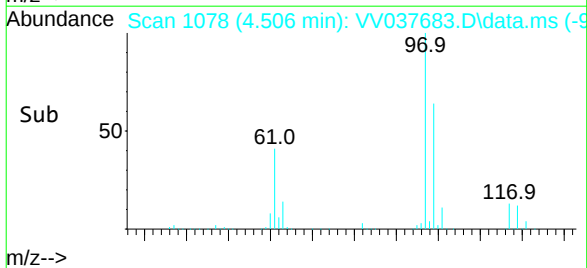
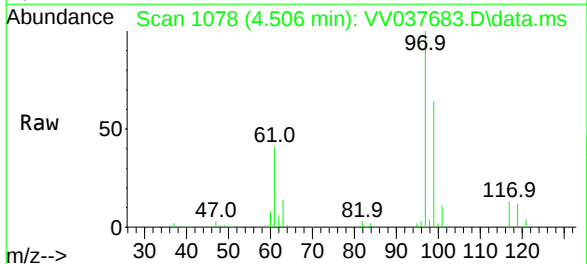
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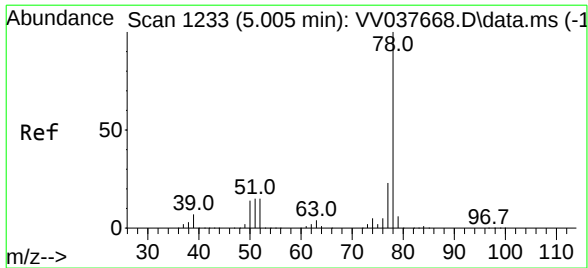
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
1,1,1-Trichloroethane
Concen: 149.738 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

Tgt Ion: 97 Resp: 1165227
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 41.5 33.6 50.4





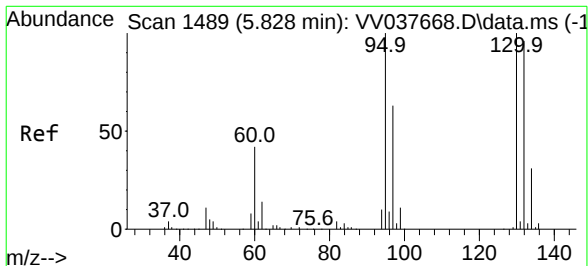
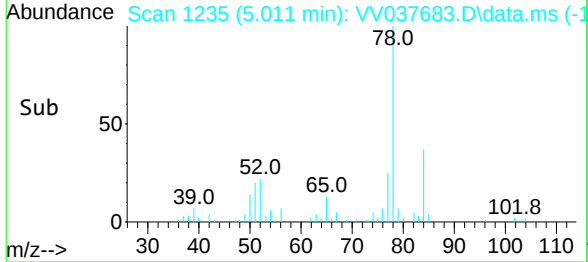
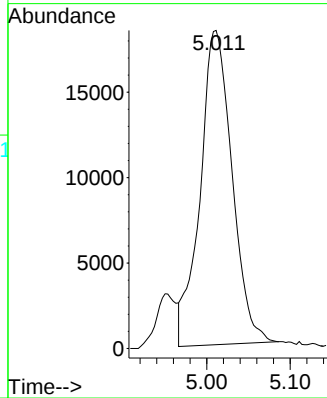
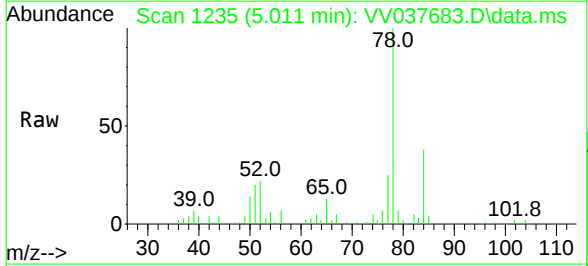
#33
Benzene
Concen: 2.569 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

Instrument : MSVOA_V
ClientSampleId : EY075

Tgt Ion: 78 Resp: 48950

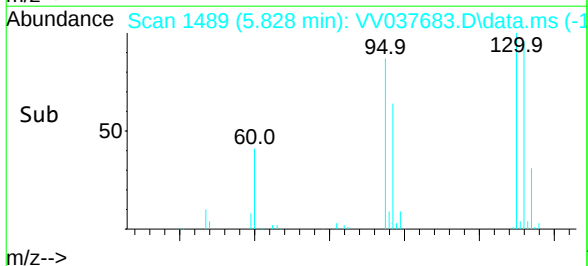
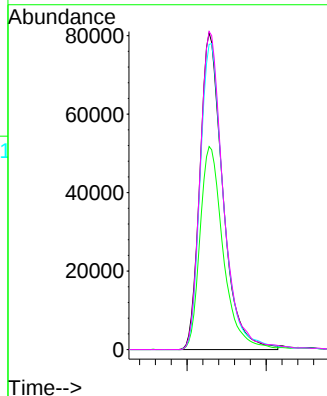
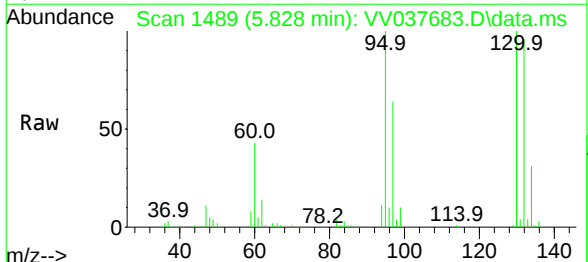
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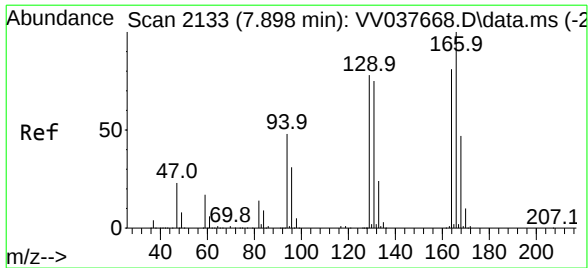
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
Trichloroethene
Concen: 31.970 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037683.D
Acq: 01 Oct 2024 01:38

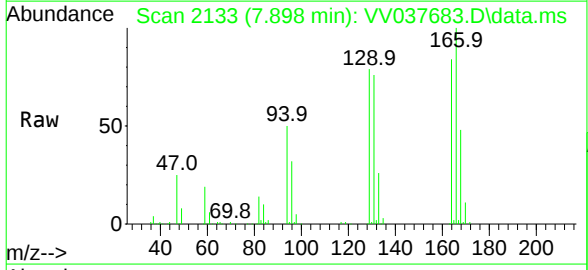
Tgt Ion: 95 Resp: 162235
Ion Ratio Lower Upper
95 100
97 64.1 46.3 85.9
132 96.4 68.6 127.4
130 100.4 70.9 131.7





#46
 Tetrachloroethene
 Concen: 17.856 ug/L
 RT: 7.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037683.D
 Acq: 01 Oct 2024 01:38

Instrument : MSVOA_V
 ClientSampleId : EY075



Tgt Ion:	164	Resp:	69281
Ion Ratio	Lower	Upper	
164	100		
129	93.7	68.2	126.6
131	90.4	66.1	122.8
166	118.8	91.1	169.1

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