

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037246.D
 Acq On : 10 Sep 2024 14:20
 Operator : SY/MD
 Sample : P3391-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 05:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	168424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80505	3.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.529	69	87120	4.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.053	65	42897	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.841	46	254626	42.281	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.243	84	202500	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	4.941	65	97369	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	4.954	84	396688	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.986	67	130519	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.240	98	340699	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	36592	3.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.027	63	189874	40.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97874	4.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	126859	4.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	7100	0.223	ug/L	94
5) Vinyl chloride	1.278	62	7529	0.225	ug/L #	77
6) Bromomethane	1.484	94	5016	0.250	ug/L	97
8) Chloroethane	1.545	64	4554	0.226	ug/L #	82
9) Trichlorofluoromethane	1.709	101	9464	0.227	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6521	0.259	ug/L	88
12) 1,1-Dichloroethene	2.063	96	6214	0.258	ug/L #	1
14) Carbon disulfide	2.233	76	16495	0.217	ug/L	96
15) Methyl Acetate	2.413	43	2611m	0.272	ug/L	
16) Methylene chloride	2.442	84	7947	0.287	ug/L	80
17) Methyl tert-butyl Ether	2.709	73	12681	0.222	ug/L #	95
18) trans-1,2-Dichloroethene	2.696	96	5510	0.218	ug/L #	89
19) 1,1-Dichloroethane	3.111	63	10007	0.207	ug/L	97
21) 2-Butanone	3.950	43	18250m	2.864	ug/L	
22) cis-1,2-Dichloroethene	3.819	96	5647	0.206	ug/L	95
23) Bromochloromethane	4.172	128	2776m	0.234	ug/L	
25) Chloroform	4.275	83	13134	0.270	ug/L	97
27) 1,2-Dichloroethane	5.063	62	5766m	0.209	ug/L	
29) 1,1,1-Trichloroethane	4.500	97	8638m	0.208	ug/L	

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

30) Cyclohexane	4.577	56	8223	0.204	ug/L	94
31) Carbon tetrachloride	4.735	117	6809	0.192	ug/L	96
33) Benzene	5.015	78	22468	0.212	ug/L	100
34) Trichloroethene	5.847	95	6112m	0.214	ug/L	
35) Methylcyclohexane	6.040	83	10879m	0.251	ug/L	
37) 1,2-Dichloropropane	6.101	63	6724m	0.250	ug/L	
38) Bromodichloromethane	6.442	83	6710m	0.199	ug/L	
39) cis-1,3-Dichloropropene	6.973	75	8390m	0.215	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	30882m	2.005	ug/L	
42) Toluene	7.323	91	22542	0.205	ug/L	90
44) trans-1,3-Dichloropropene	7.606	75	6760m	0.215	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	3627	0.188	ug/L	90
47) Tetrachloroethene	7.908	164	4754	0.233	ug/L	95
48) 2-Hexanone	8.092	43	36515m	3.243	ug/L	
49) Dibromochloromethane	8.172	129	3736	0.185	ug/L	81
50) 1,2-Dibromoethane	8.288	107	3638	0.200	ug/L #	98
51) Chlorobenzene	8.815	112	15236	0.208	ug/L	94
52) Ethylbenzene	8.953	91	22631	0.184	ug/L	99
53) m,p-Xylene	9.082	106	9258	0.205	ug/L	96
54) o-Xylene	9.481	106	8349	0.187	ug/L	88
55) Styrene	9.510	104	14391m	0.190	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	5085	0.219	ug/L #	85
59) Bromoform	9.670	173	1958	0.199	ug/L #	90
60) Isopropylbenzene	9.870	105	23197	0.206	ug/L	96
61) 1,2,3-Trichloropropane	10.214	75	3192	0.208	ug/L #	83
62) 1,3,5-Trimethylbenzene	10.477	105	18556	0.208	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	17031	0.190	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	12025	0.226	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	12611	0.231	ug/L	93
67) 1,2-Dichlorobenzene	11.577	146	12644	0.256	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.384	75	594m	0.187	ug/L	
69) 1,3,5-Trichlorobenzene	12.587	180	8987	0.236	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	7800	0.249	ug/L	99
71) Naphthalene	13.448	128	14087	0.295	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.686	180	6865	0.265	ug/L	97

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

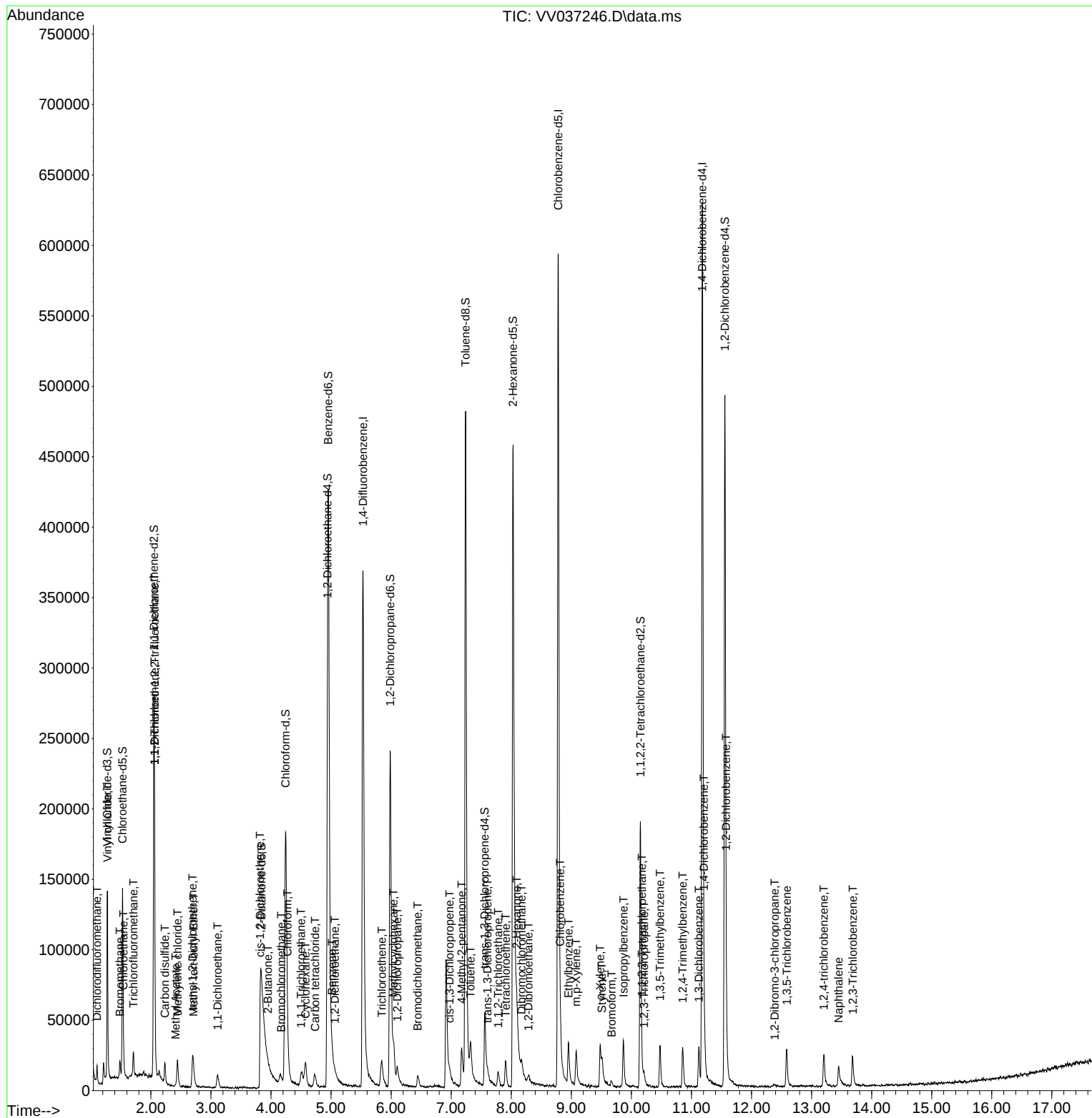
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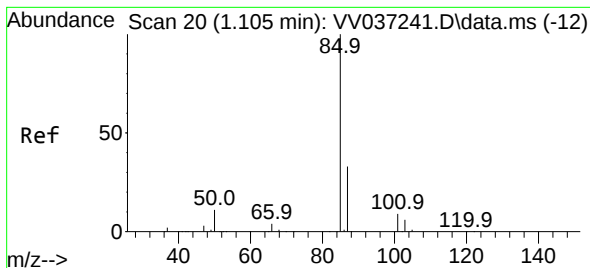
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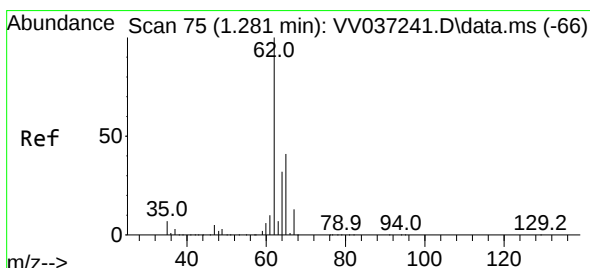
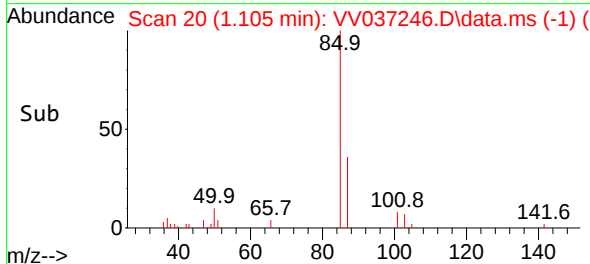
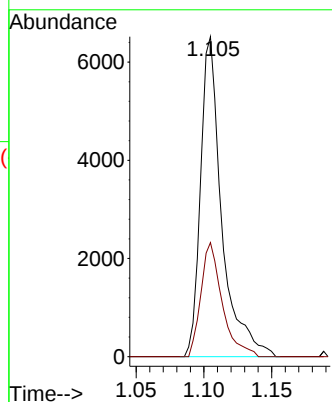
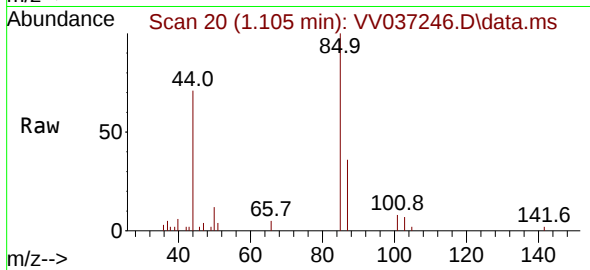
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Dichlorodifluoromethane
Concen: 0.223 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion: 85 Resp: 7100
Ion Ratio Lower Upper
85 100
87 35.8 25.8 38.8

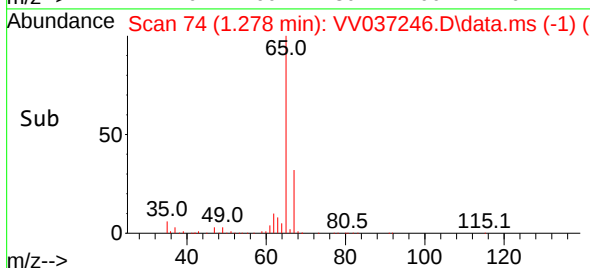
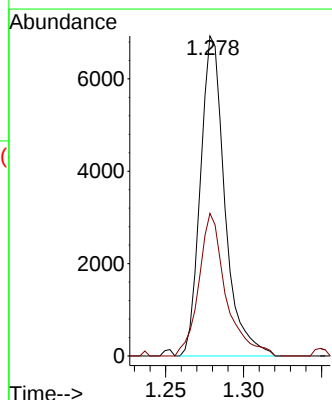
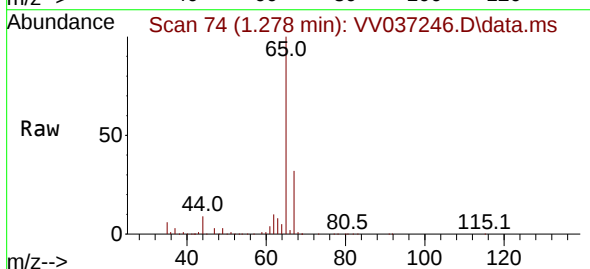
Manual Integrations
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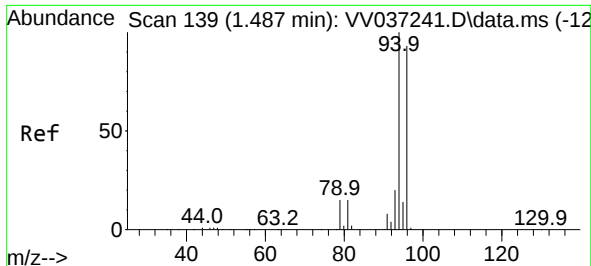
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#5
Vinyl chloride
Concen: 0.225 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

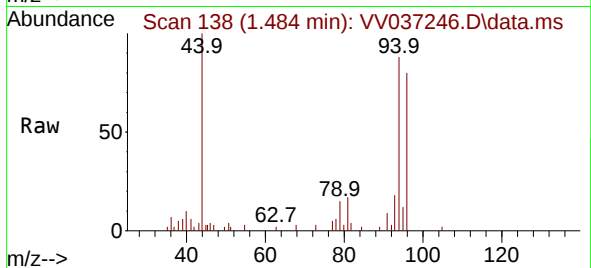
Tgt Ion: 62 Resp: 7529
Ion Ratio Lower Upper
62 100
64 44.6 22.4 41.6#





#6
Bromomethane
Concen: 0.250 ug/L
RT: 1.484 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

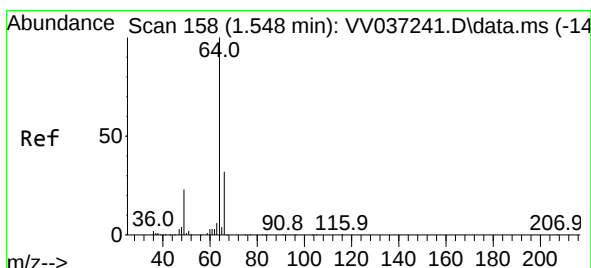
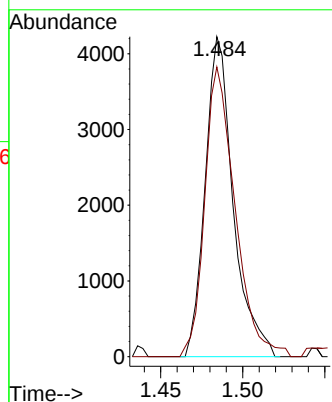
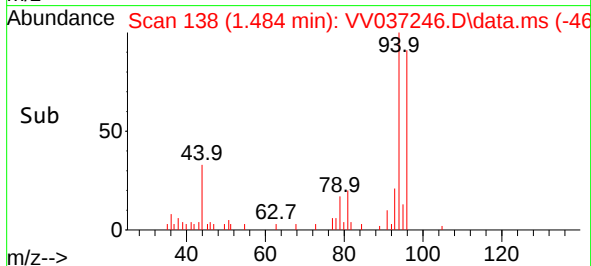
Instrument :
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ClientSampleId :
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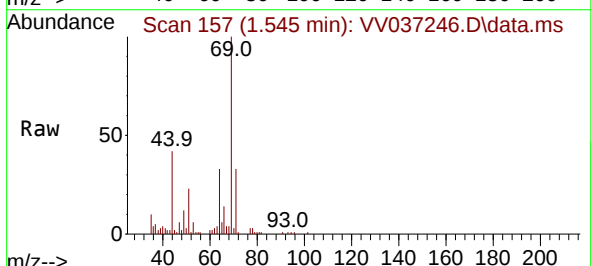
Tgt Ion: 94 Resp: 5010
Ion Ratio Lower Upper
94 100
96 90.5 65.3 121.3

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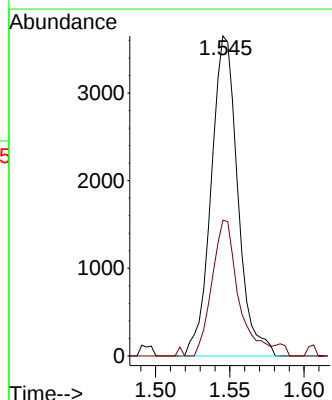
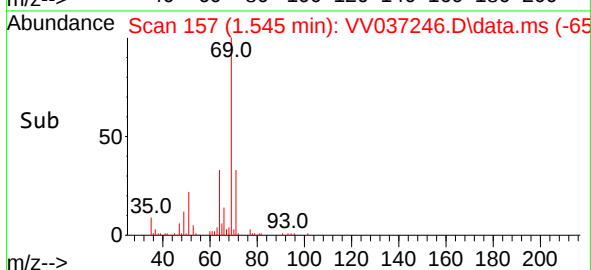
Reviewed By :Semsettin Yesilyurt 09/11/2024
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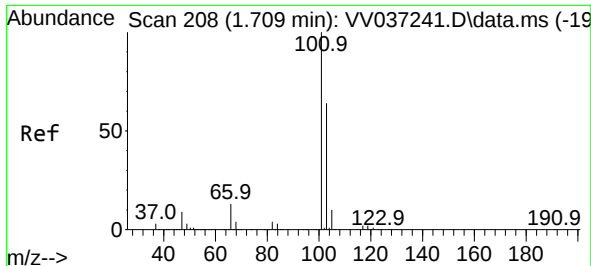


#8
Chloroethane
Concen: 0.226 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20



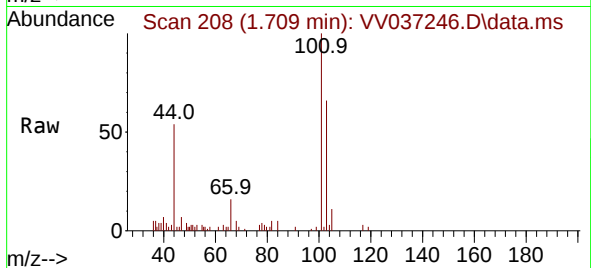
Tgt Ion: 64 Resp: 4554
Ion Ratio Lower Upper
64 100
66 42.4 22.7 42.1#





#9
Trichlorofluoromethane
Concen: 0.227 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

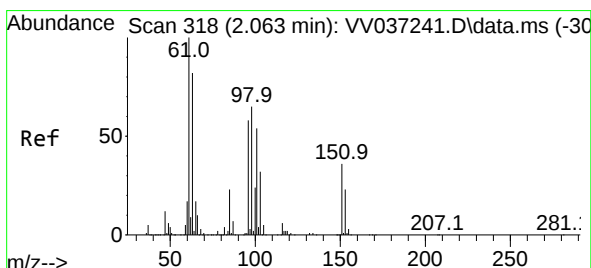
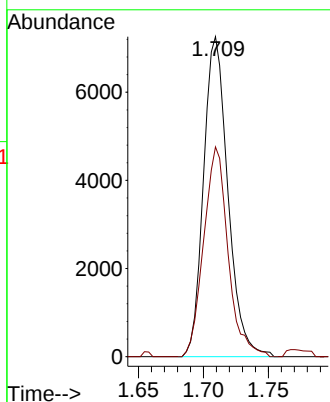
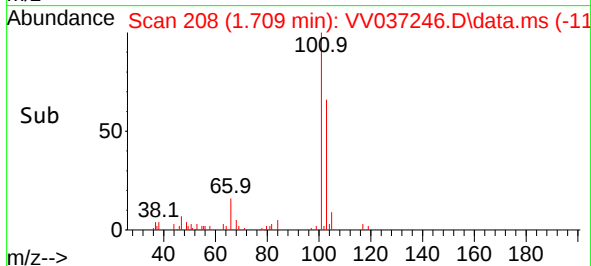
Instrument :
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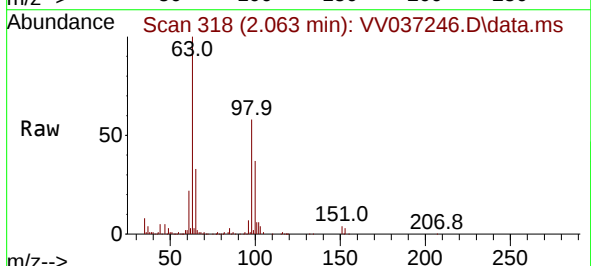
Tgt Ion:101 Resp: 946
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

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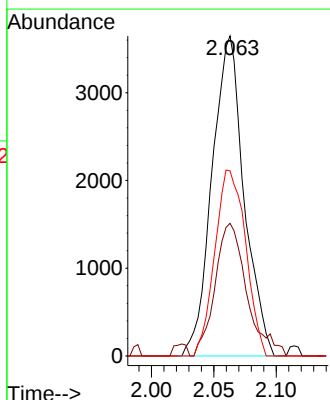
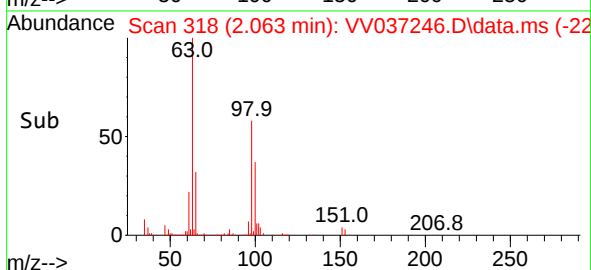
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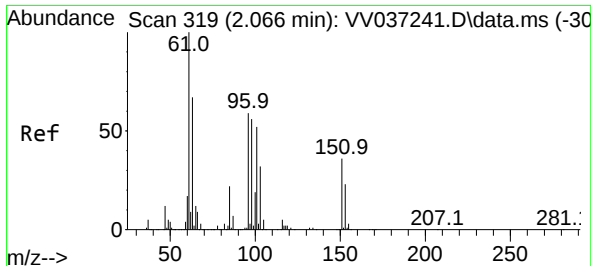


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.259 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20



Tgt Ion:101 Resp: 6521
Ion Ratio Lower Upper
101 100
85 41.1 35.1 52.7
151 55.8 55.3 82.9





#12

1,1-Dichloroethene

Concen: 0.258 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

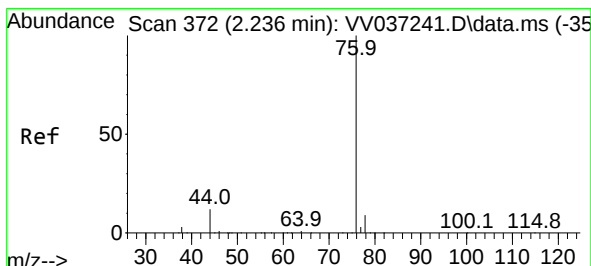
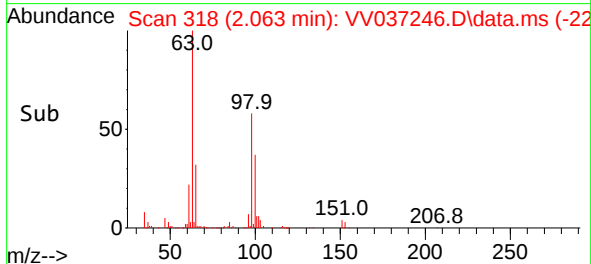
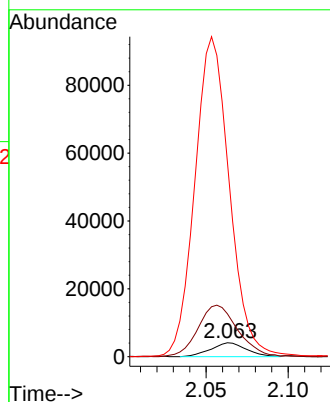
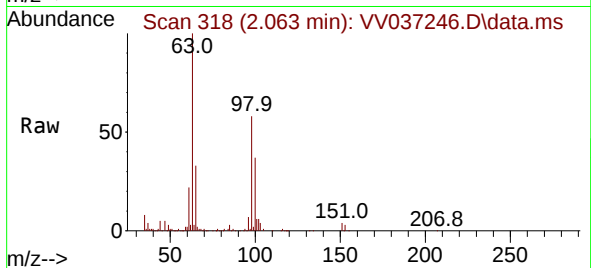
MDL-WATER-QT3-2024-05

Tgt Ion: 96 Resp: 6214
 Ion Ratio Lower Upper
 96 100
 61 308.1 119.9 222.7
 63 1398.5 81.4 151.1

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#14

Carbon disulfide

Concen: 0.217 ug/L

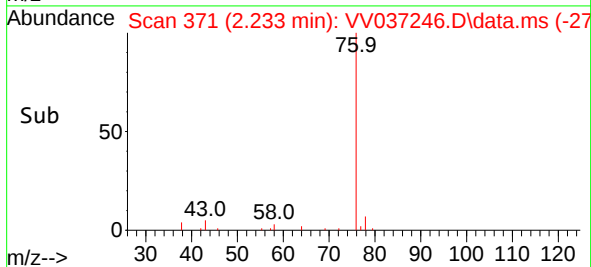
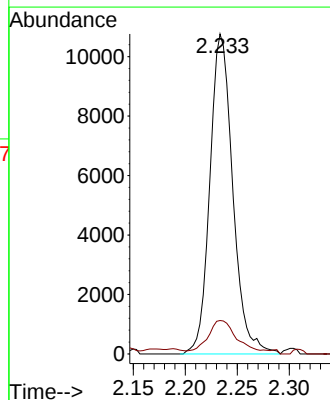
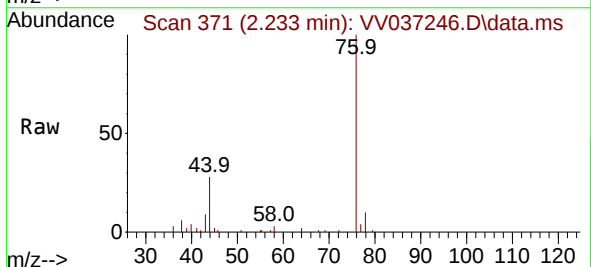
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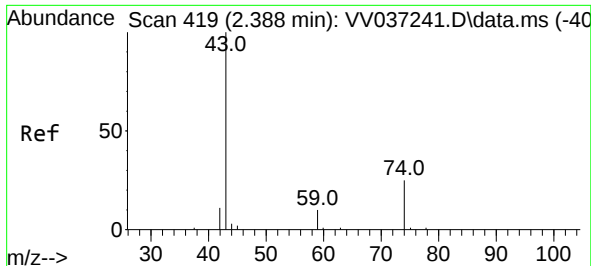
Delta R.T. -0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

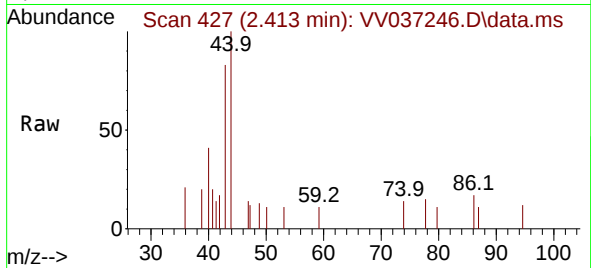
Tgt Ion: 76 Resp: 16495
 Ion Ratio Lower Upper
 76 100
 78 10.5 7.3 10.9





#15
Methyl Acetate
Concen: 0.272 ug/L m
RT: 2.413 min Scan# 419
Delta R.T. 0.026 min
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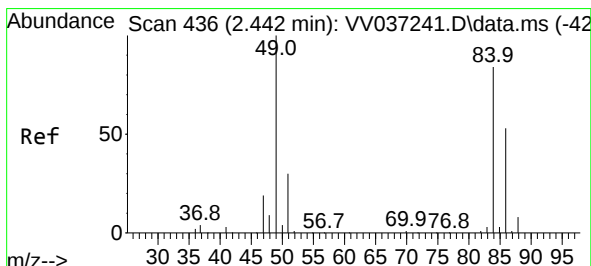
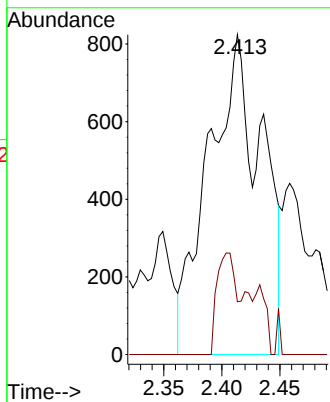
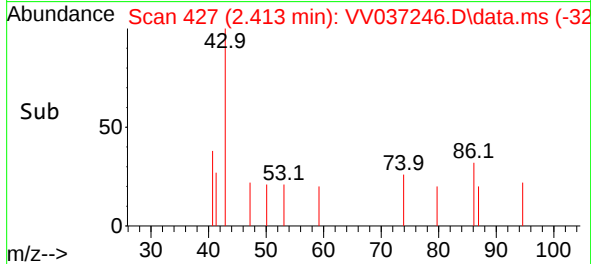
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Tgt Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
74 12.0 21.0 31.4

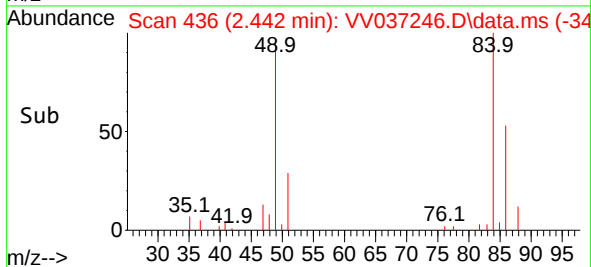
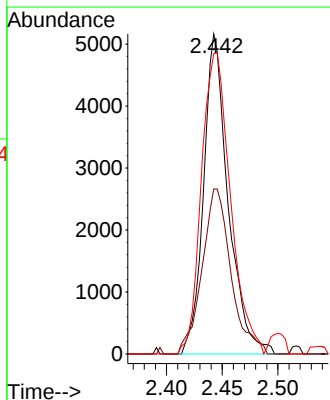
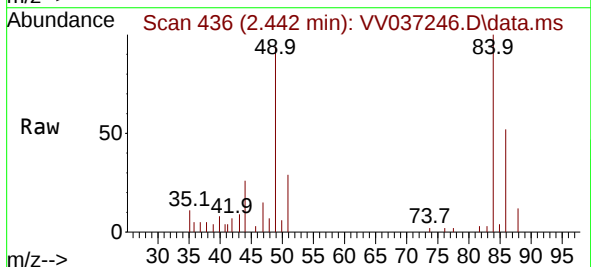
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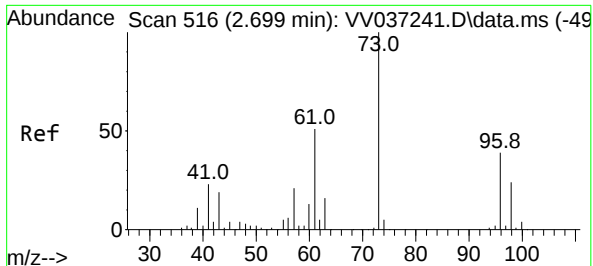
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#16
Methylene chloride
Concen: 0.287 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 84 Resp: 7947
Ion Ratio Lower Upper
84 100
86 51.6 44.0 81.8
49 93.8 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 0.222 ug/L

RT: 2.709 min Scan# 516

Delta R.T. 0.010 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

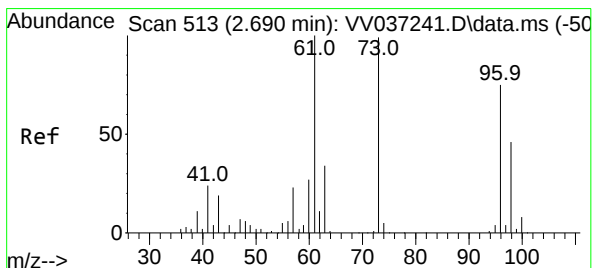
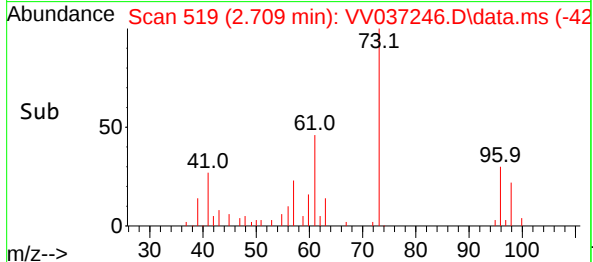
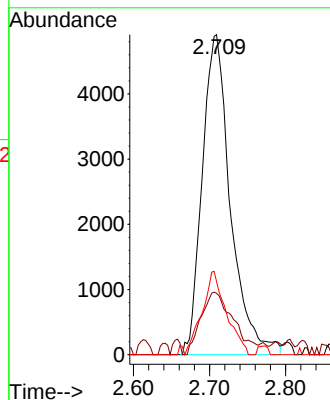
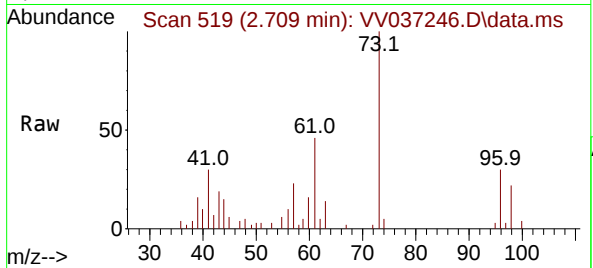
MDL-WATER-QT3-2024-05

Tgt Ion: 73	Resp: 1268
Ion Ratio	Lower Upper
73 100	
43 22.5	14.5 21.7
57 22.4	17.7 26.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#18

trans-1,2-Dichloroethene

Concen: 0.218 ug/L

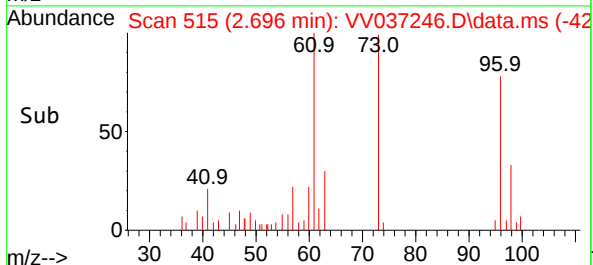
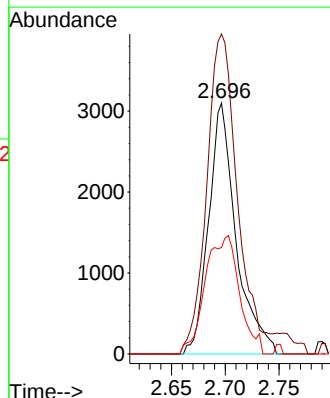
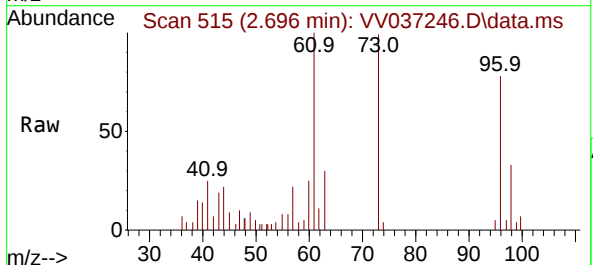
RT: 2.696 min Scan# 515

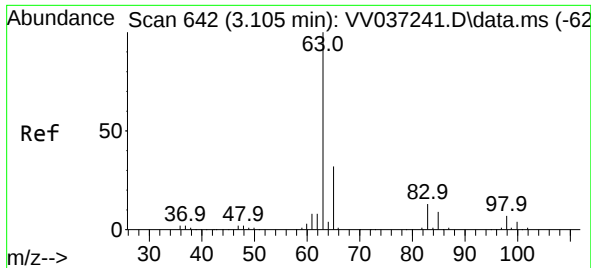
Delta R.T. 0.007 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion: 96	Resp: 5510
Ion Ratio	Lower Upper
96 100	
61 127.6	92.8 172.4
98 42.4	43.0 79.8





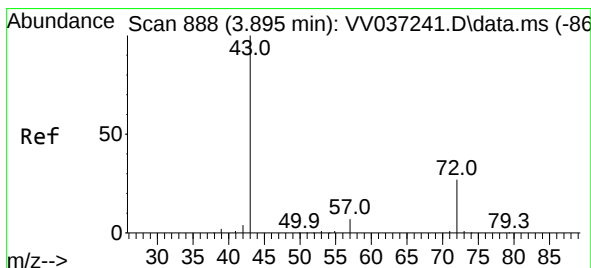
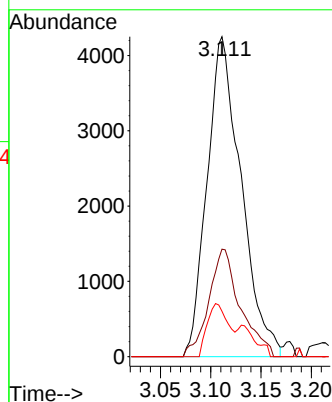
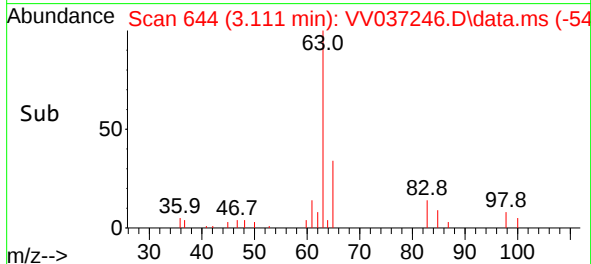
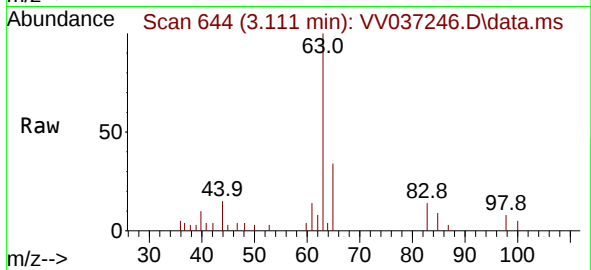
#19
1,1-Dichloroethane
Concen: 0.207 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion: 63 Resp: 1000
Ion Ratio Lower Upper
63 100
65 33.6 22.5 41.7
83 14.2 8.9 16.5

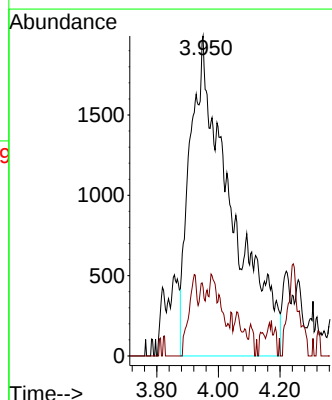
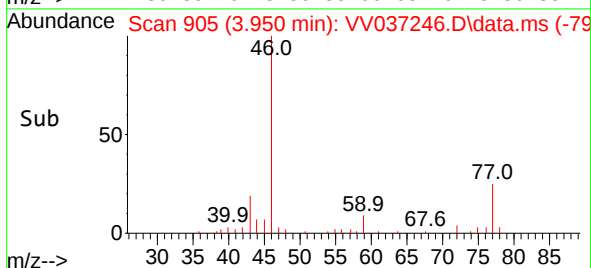
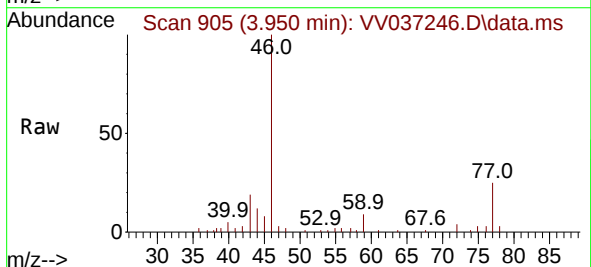
Manual Integrations
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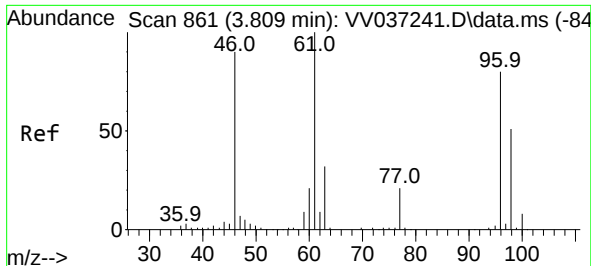
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#21
2-Butanone
Concen: 2.864 ug/L m
RT: 3.950 min Scan# 905
Delta R.T. 0.055 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

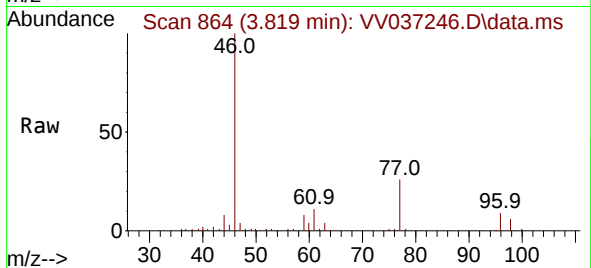
Tgt Ion: 43 Resp: 18250
Ion Ratio Lower Upper
43 100
72 5.3 12.2 36.6#





#22
 cis-1,2-Dichloroethene
 Concen: 0.206 ug/L
 RT: 3.819 min Scan# 861
 Delta R.T. 0.010 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

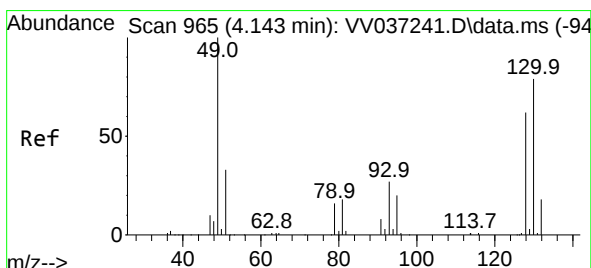
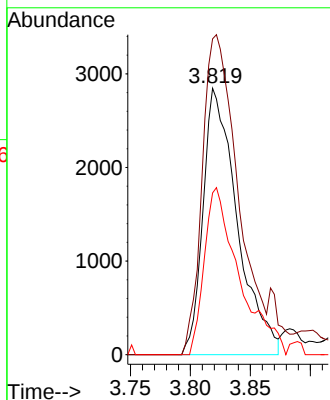
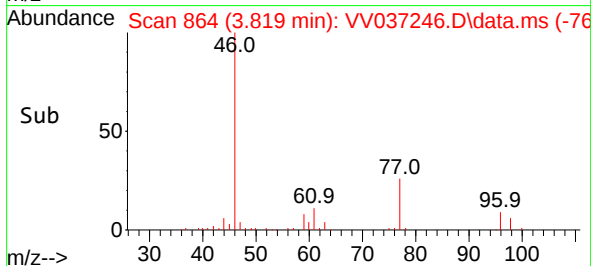
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2024-05



Tgt Ion: 96 Resp: 564
 Ion Ratio Lower Upper
 96 100
 61 118.5 87.6 162.6
 98 60.7 44.9 83.5

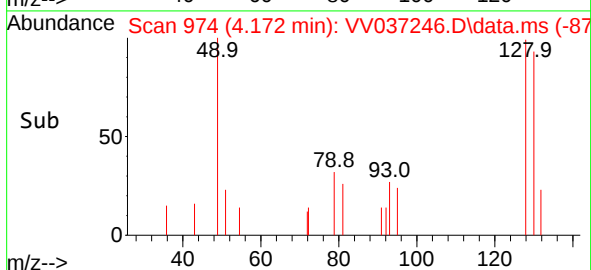
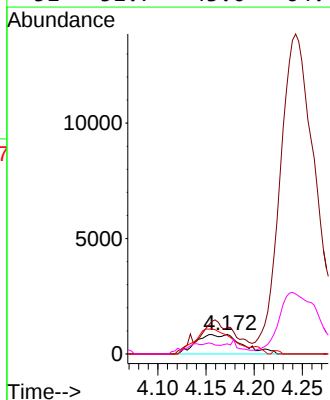
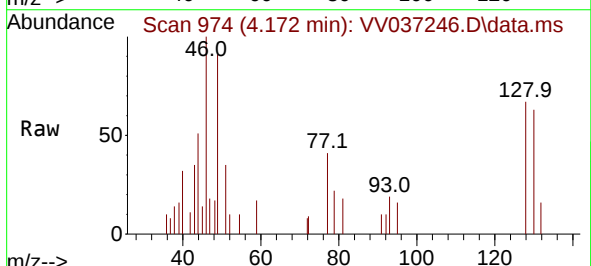
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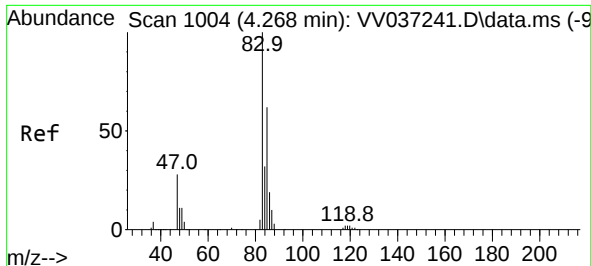
Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024



#23
 Bromochloromethane
 Concen: 0.234 ug/L m
 RT: 4.172 min Scan# 974
 Delta R.T. 0.029 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

Tgt Ion:128 Resp: 2776
 Ion Ratio Lower Upper
 128 100
 49 136.0 114.0 211.8
 130 94.1 89.3 165.9
 51 51.7 43.0 64.4





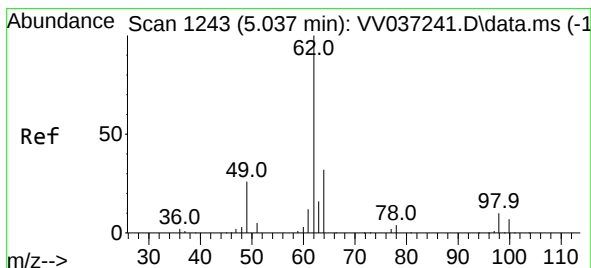
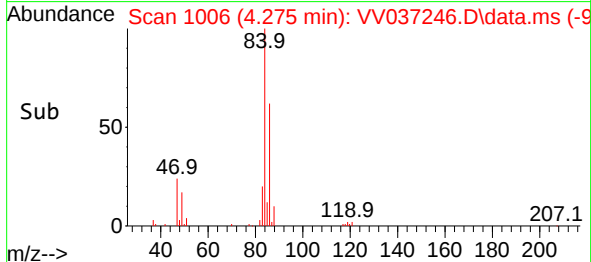
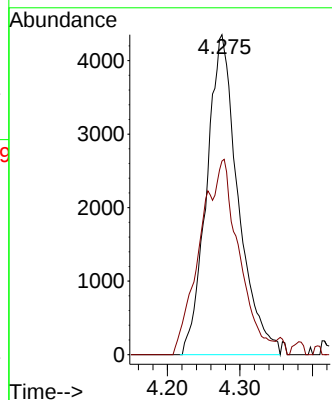
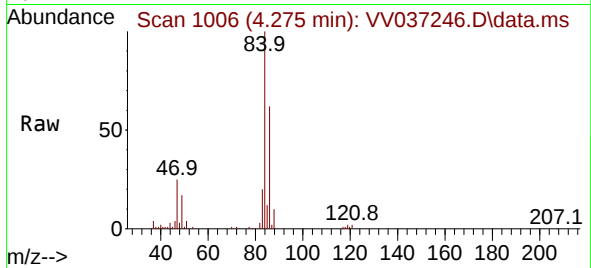
#25
Chloroform
Concen: 0.270 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion: 83 Resp: 13134
Ion Ratio Lower Upper
83 100
85 60.5 43.8 81.4

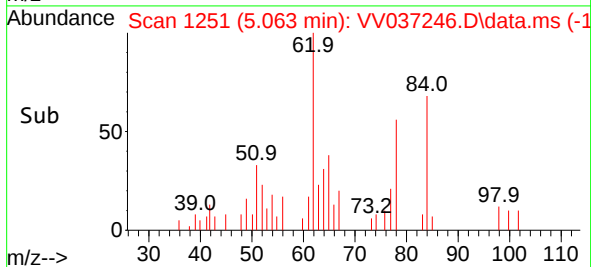
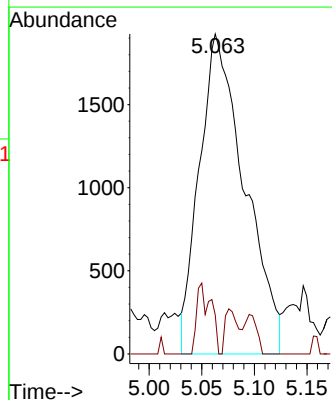
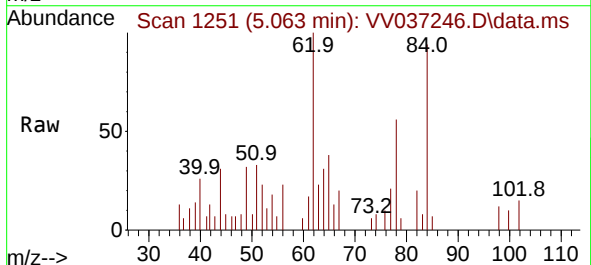
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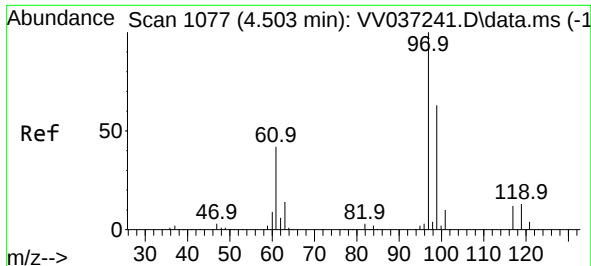
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#27
1,2-Dichloroethane
Concen: 0.209 ug/L m
RT: 5.063 min Scan# 1251
Delta R.T. 0.026 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 62 Resp: 5766
Ion Ratio Lower Upper
62 100
98 12.2 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 0.208 ug/L m

RT: 4.500 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2024-05

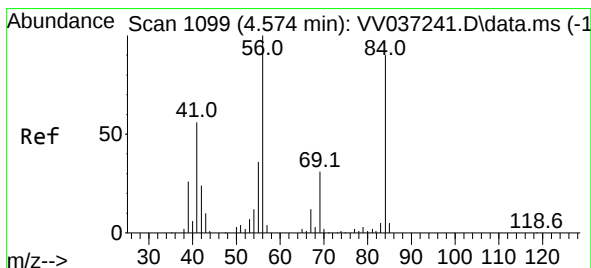
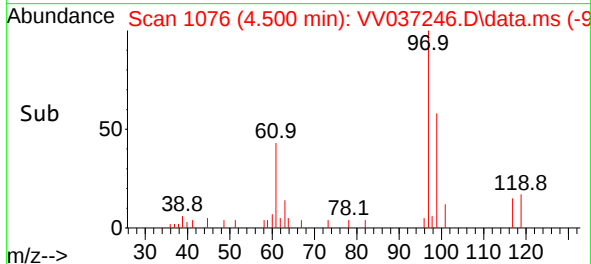
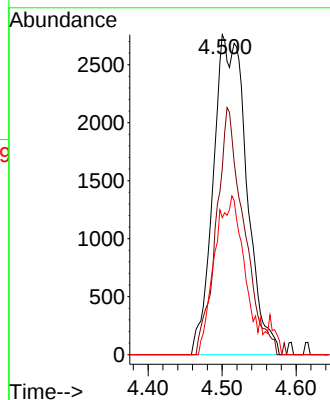
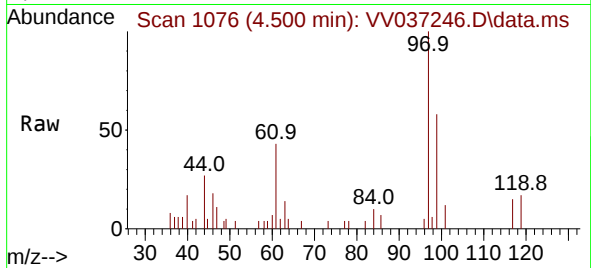
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.0	75.0
61	45.5	34.3	51.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#30

Cyclohexane

Concen: 0.204 ug/L

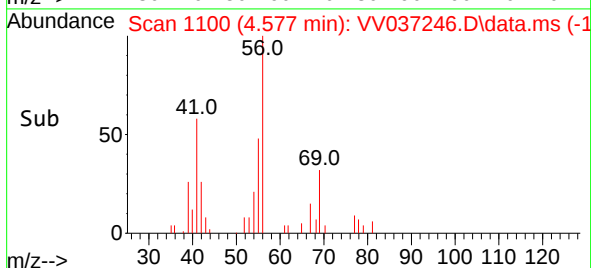
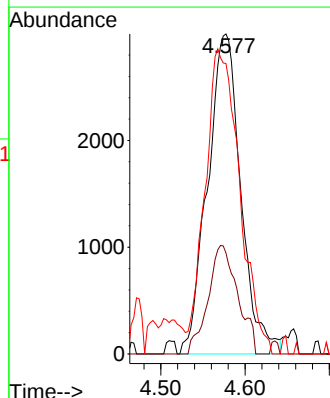
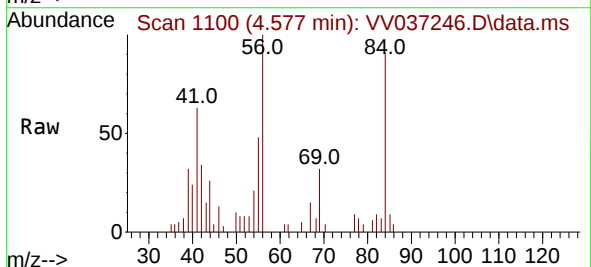
RT: 4.577 min Scan# 1100

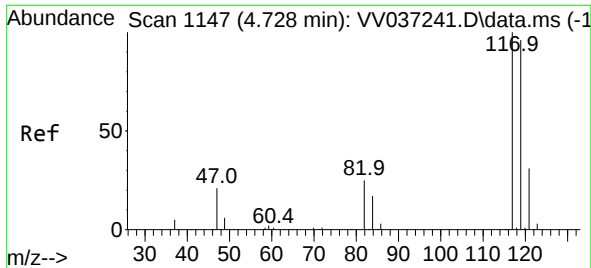
Delta R.T. 0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.1	36.1
84	98.9	73.1	109.7





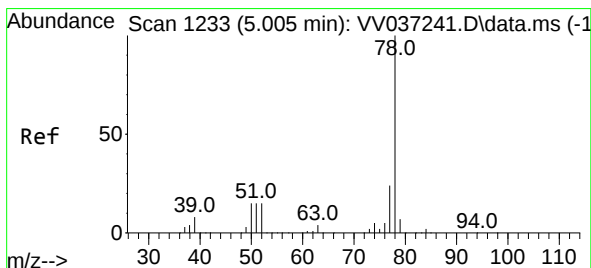
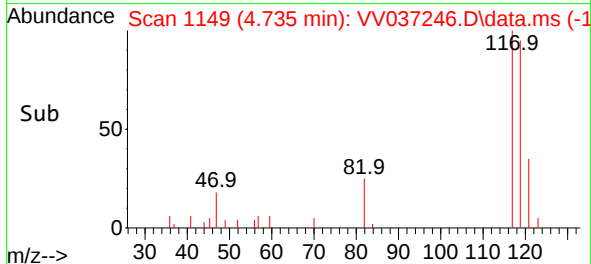
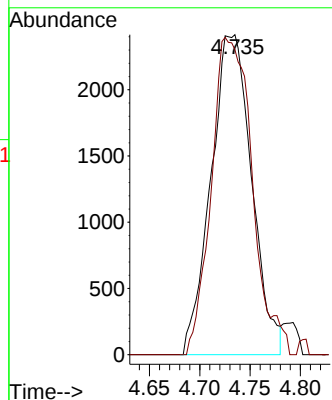
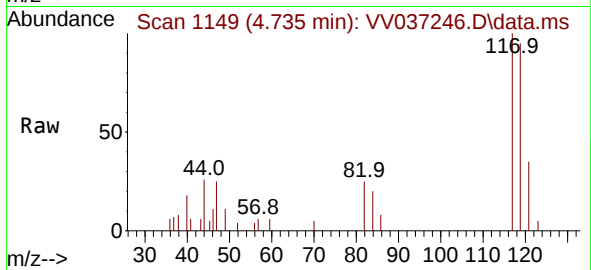
#31
Carbon tetrachloride
Concen: 0.192 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion:117 Resp: 6809
Ion Ratio Lower Upper
117 100
119 99.1 76.2 114.4

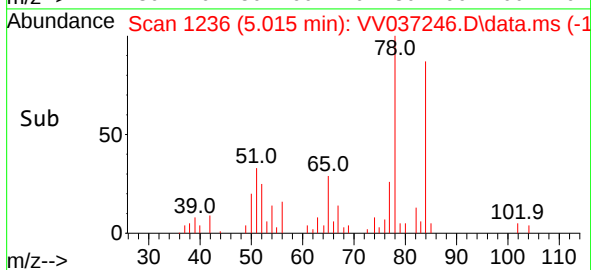
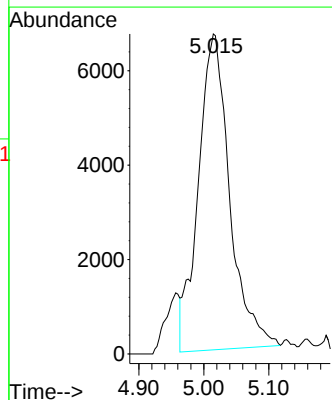
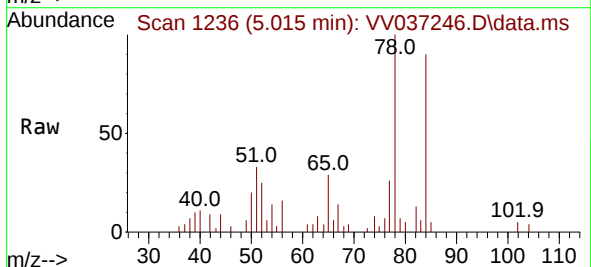
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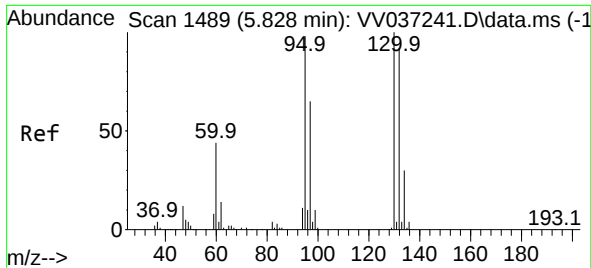
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#33
Benzene
Concen: 0.212 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

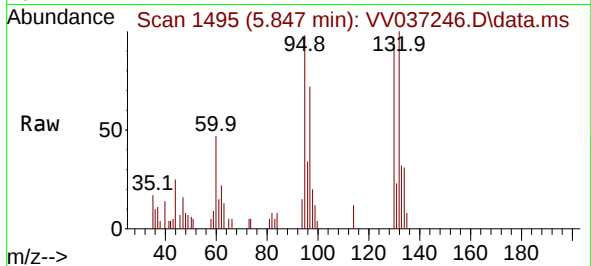
Tgt Ion: 78 Resp: 22468





#34
Trichloroethene
Concen: 0.214 ug/L m
RT: 5.847 min Scan# 1489
Delta R.T. 0.019 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

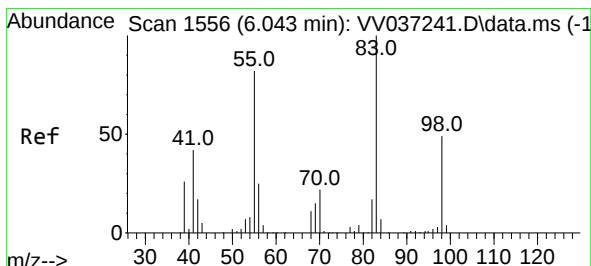
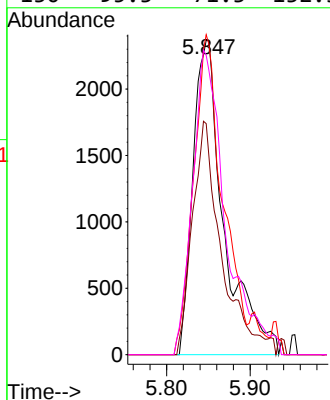
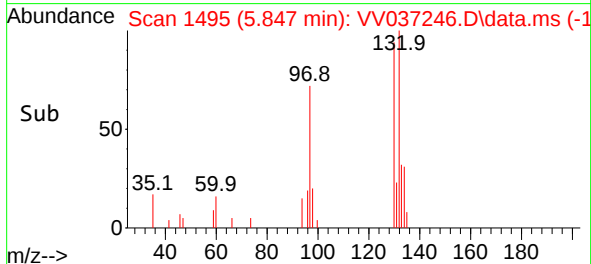
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion: 95 Resp: 611
Ion Ratio Lower Upper
95 100
97 73.5 46.5 86.5
132 101.8 65.5 121.7
130 95.3 71.3 132.3

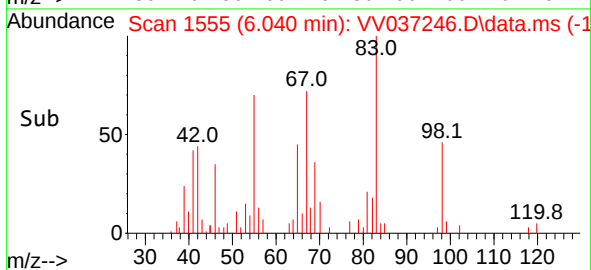
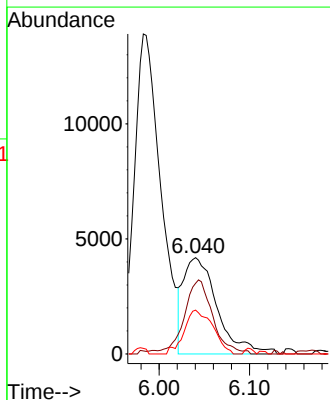
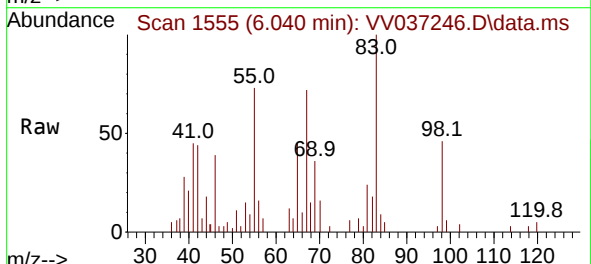
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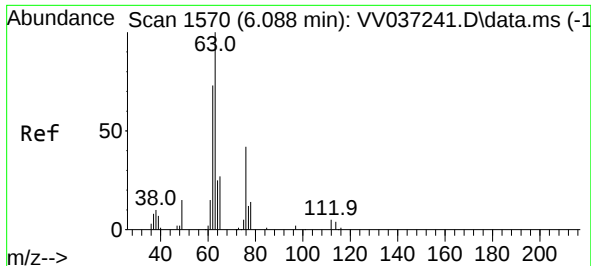
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#35
Methylcyclohexane
Concen: 0.251 ug/L m
RT: 6.040 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 83 Resp: 10879
Ion Ratio Lower Upper
83 100
55 65.1 60.3 90.5
98 38.5 38.2 57.4





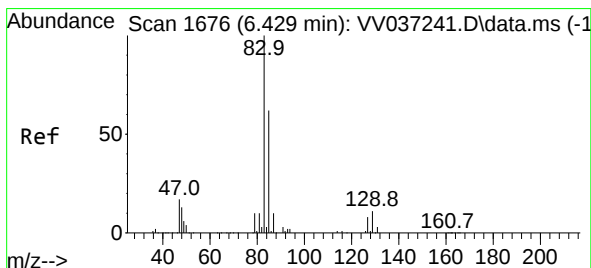
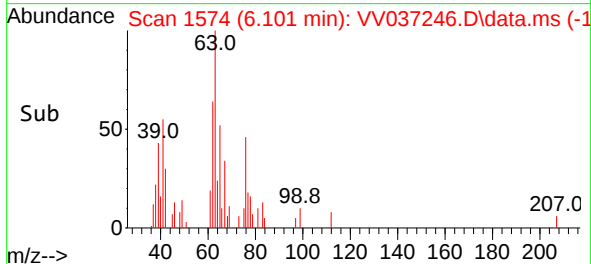
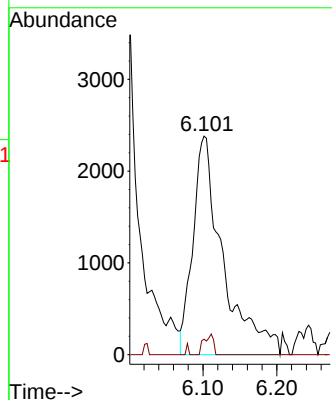
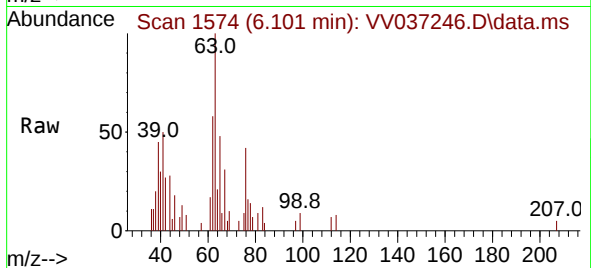
#37
1,2-Dichloropropane
Concen: 0.250 ug/L m
RT: 6.101 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion: 63 Resp: 6724
Ion Ratio Lower Upper
63 100
112 3.0 3.7 5.5

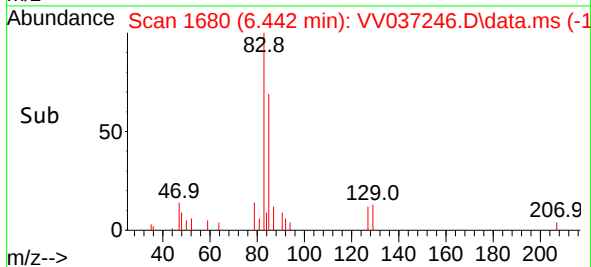
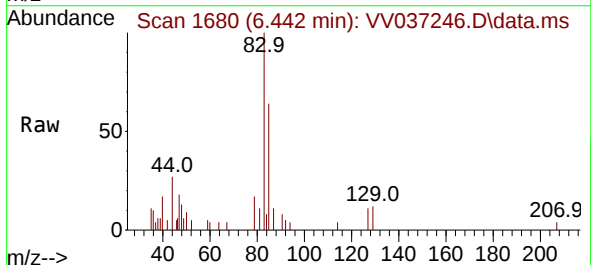
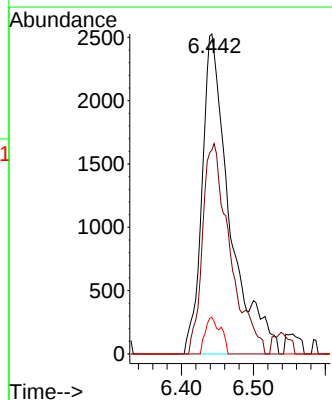
Manual Integrations
APPROVED

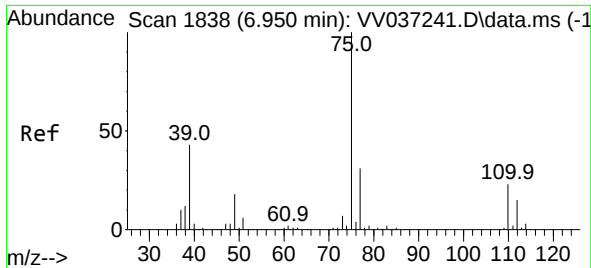
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#38
Bromodichloromethane
Concen: 0.199 ug/L m
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 83 Resp: 6710
Ion Ratio Lower Upper
83 100
85 63.8 43.7 81.1
127 11.4 6.7 10.1#





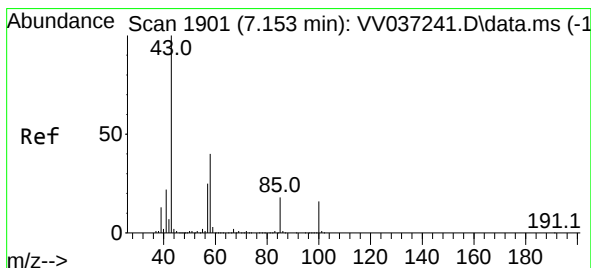
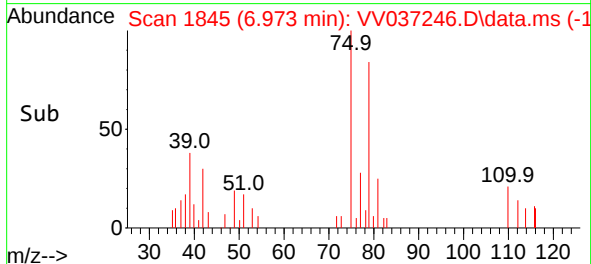
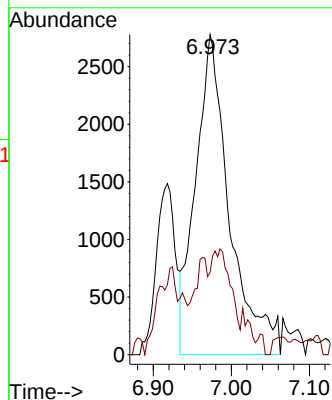
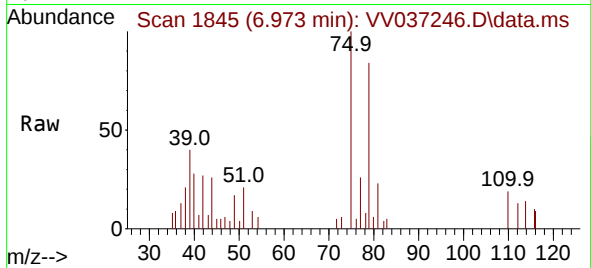
#39
cis-1,3-Dichloropropene
Concen: 0.215 ug/L m
RT: 6.973 min Scan# 1838
Delta R.T. 0.023 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-05

Tgt Ion: 75 Resp: 8390
Ion Ratio Lower Upper
75 100
77 25.8 22.2 41.2

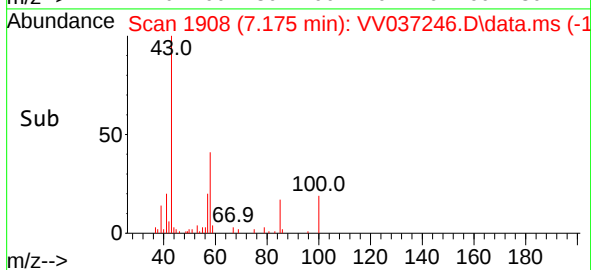
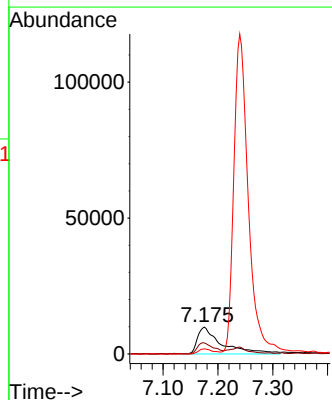
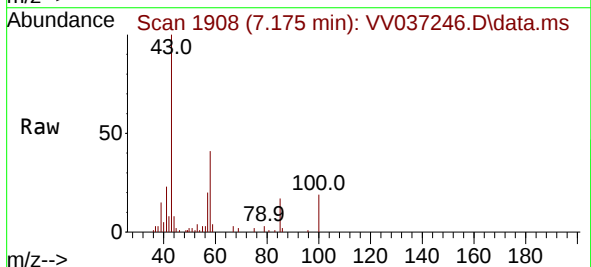
Manual Integrations
APPROVED

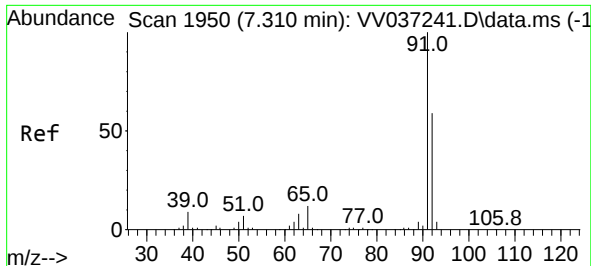
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#40
4-Methyl-2-pentanone
Concen: 2.005 ug/L m
RT: 7.175 min Scan# 1908
Delta R.T. 0.023 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

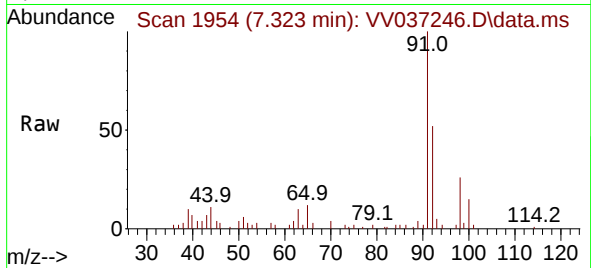
Tgt Ion: 43 Resp: 30882
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#
100 0.0 12.6 19.0#





#42
Toluene
Concen: 0.205 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

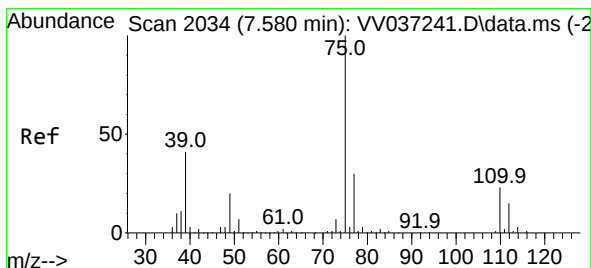
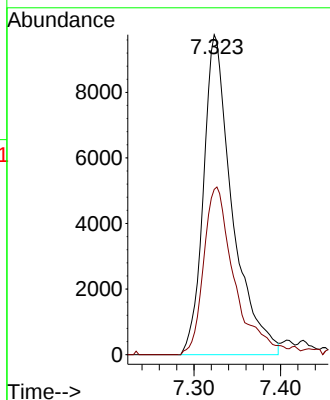
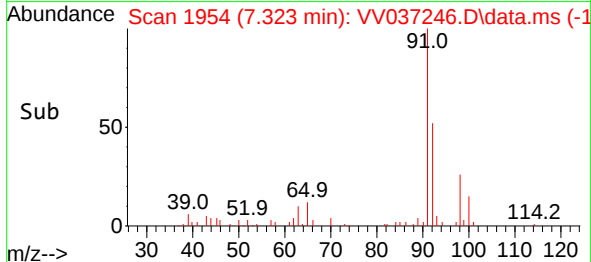
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05



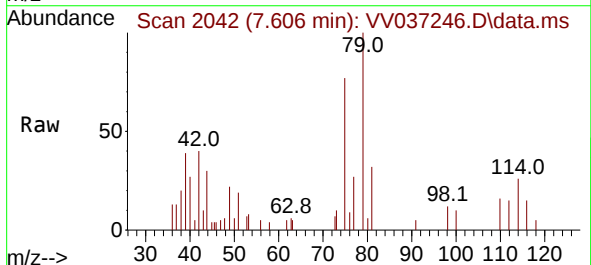
Tgt Ion: 91 Resp: 2254
Ion Ratio Lower Upper
91 100
92 51.7 41.4 77.0

Manual Integrations
APPROVED

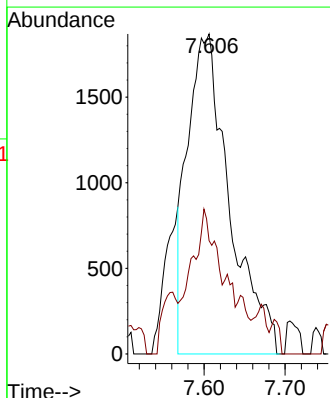
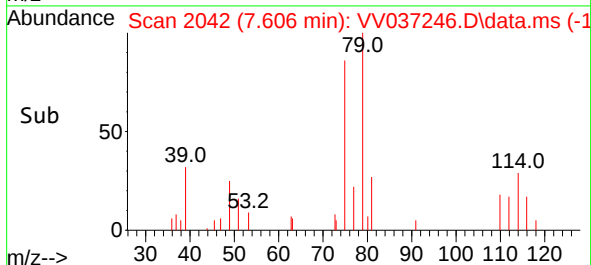
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

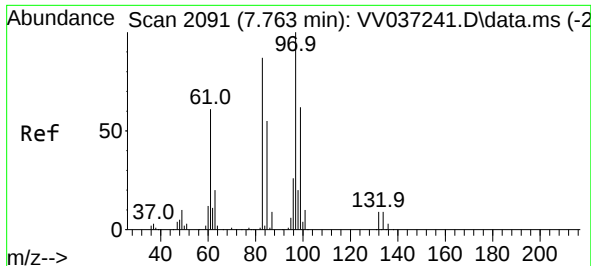


#44
trans-1,3-Dichloropropene
Concen: 0.215 ug/L m
RT: 7.606 min Scan# 2042
Delta R.T. 0.026 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20



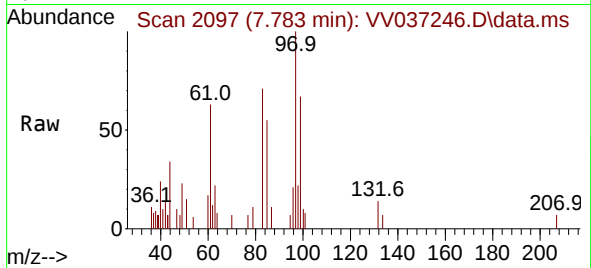
Tgt Ion: 75 Resp: 6760
Ion Ratio Lower Upper
75 100
77 35.4 20.9 38.9





#45
1,1,2-Trichloroethane
Concen: 0.188 ug/L
RT: 7.783 min Scan# 2091
Delta R.T. 0.019 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

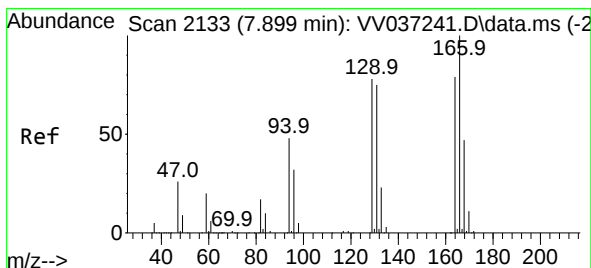
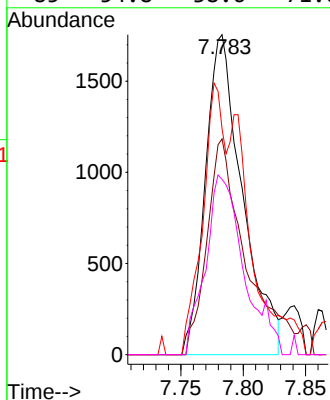
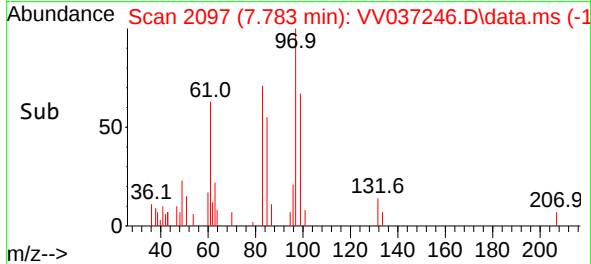
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.5	43.1	80.1
83	70.7	61.0	113.4
85	54.8	38.6	71.6

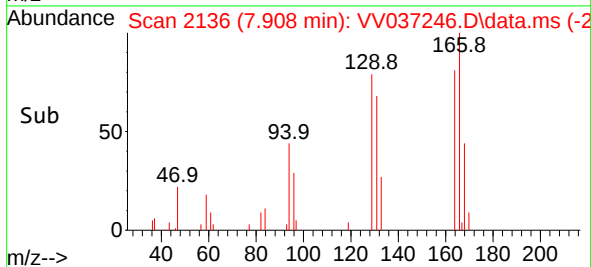
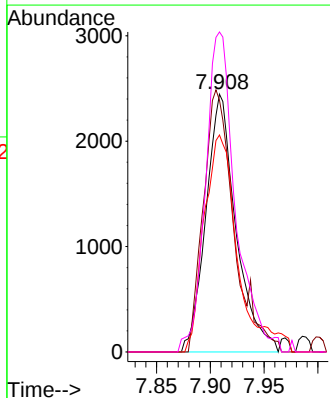
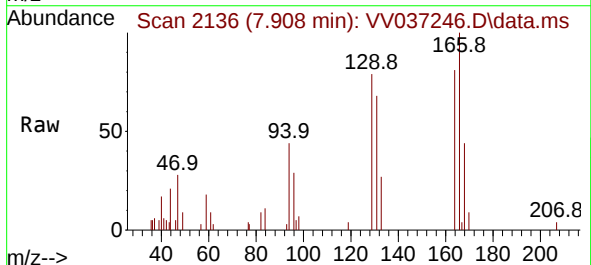
Manual Integrations
APPROVED

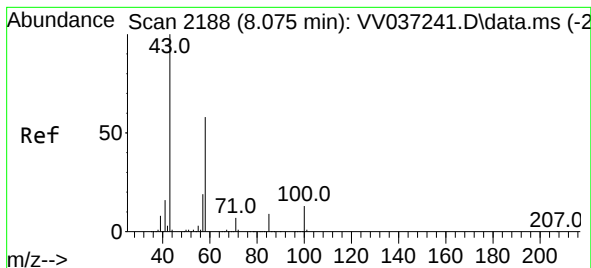
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#47
Tetrachloroethene
Concen: 0.233 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.7	69.2	128.4
131	84.1	66.6	123.8
166	124.1	88.8	165.0





#48

2-Hexanone

Concen: 3.243 ug/L m

RT: 8.092 min Scan# 2188

Delta R.T. 0.016 min

Lab File: VV037246.D

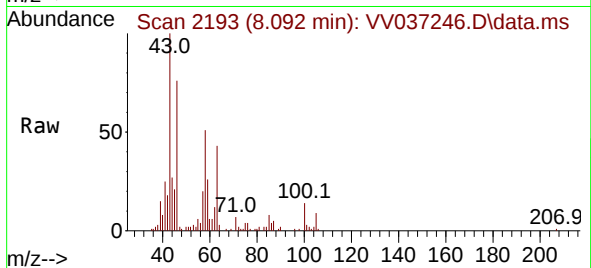
Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2024-05



Tgt Ion: 43 Resp: 3651

Ion Ratio Lower Upper

43 100

58 39.3 45.5 68.3

57 15.3 15.3 22.9

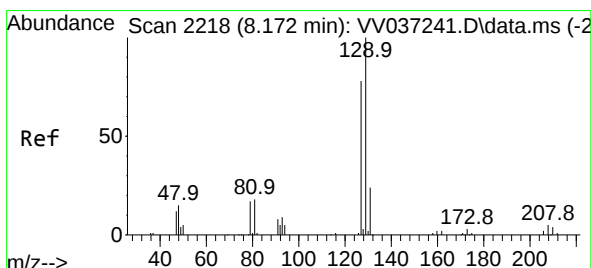
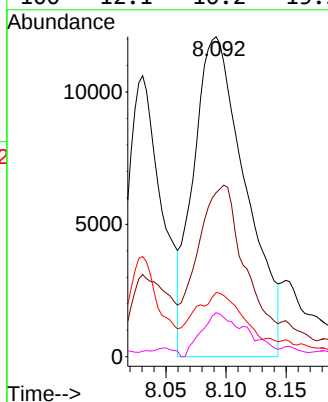
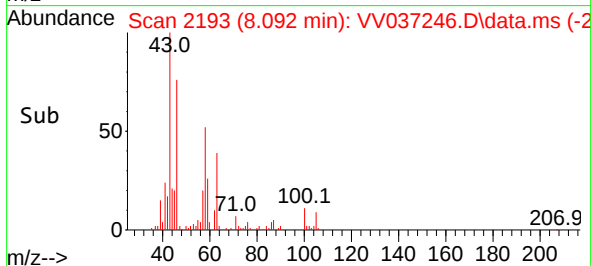
100 12.1 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#49

Dibromochloromethane

Concen: 0.185 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037246.D

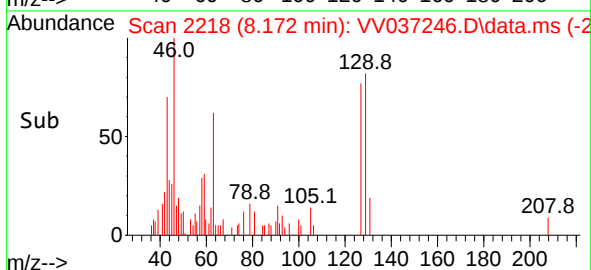
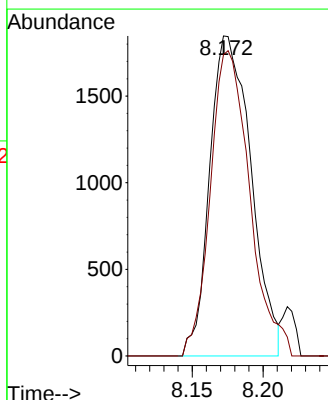
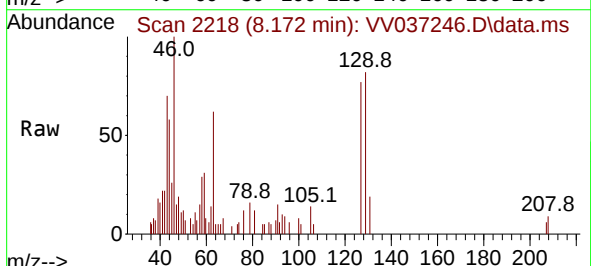
Acq: 10 Sep 2024 14:20

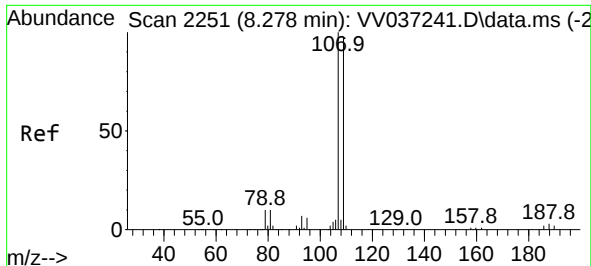
Tgt Ion:129 Resp: 3736

Ion Ratio Lower Upper

129 100

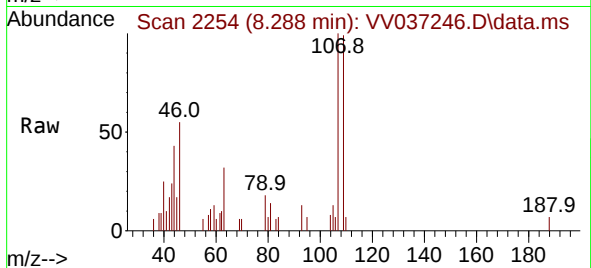
127 94.2 54.5 101.1





#50
1,2-Dibromoethane
Concen: 0.200 ug/L
RT: 8.288 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

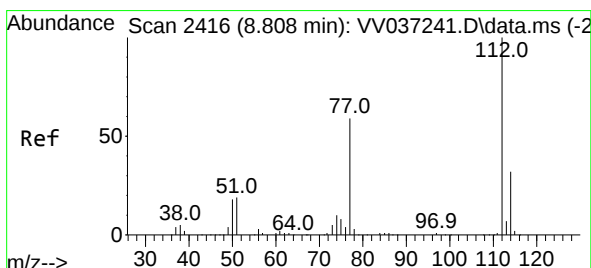
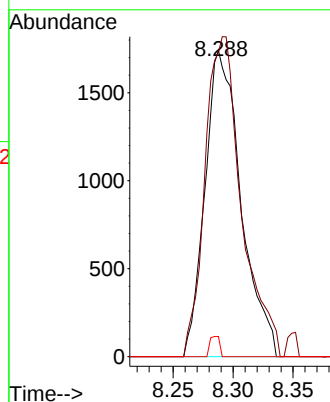
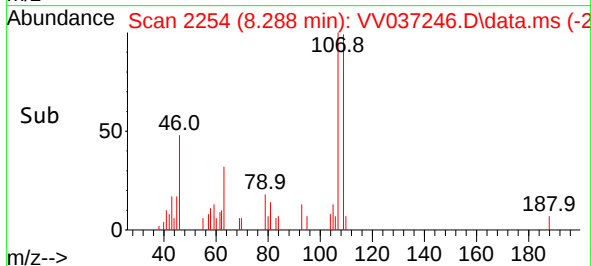
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:107 Resp: 3638
Ion Ratio Lower Upper
107 100
109 99.3 68.1 126.5
188 6.5 2.7 4.1

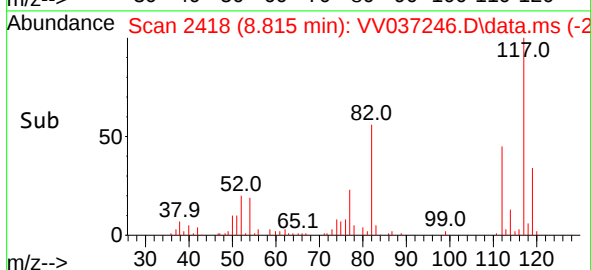
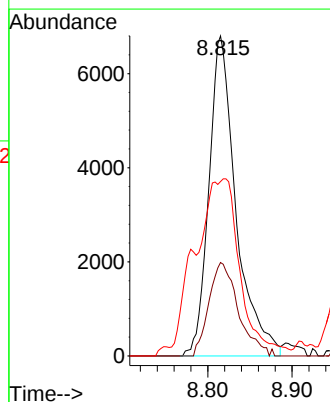
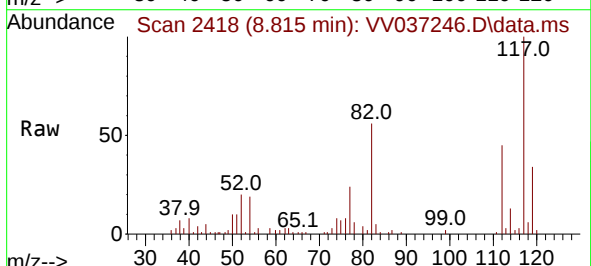
Manual Integrations
APPROVED

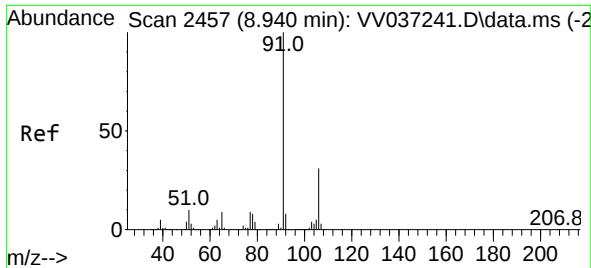
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#51
Chlorobenzene
Concen: 0.208 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion:112 Resp: 15236
Ion Ratio Lower Upper
112 100
114 29.2 22.6 42.0
77 54.5 47.0 70.6





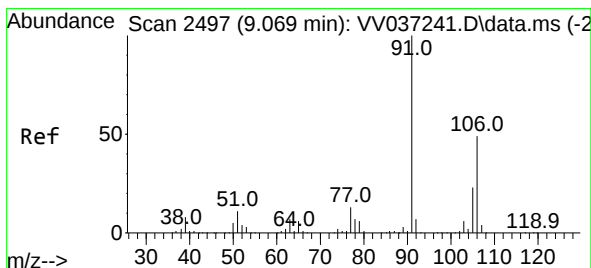
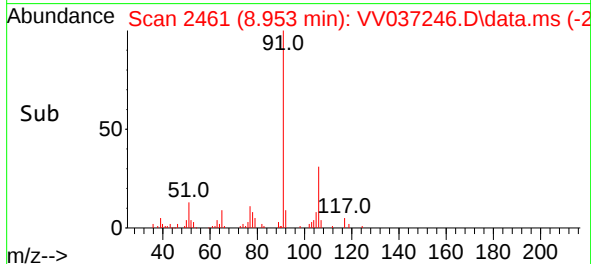
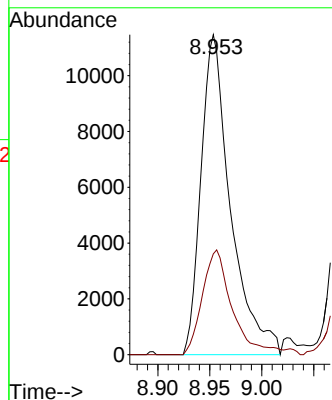
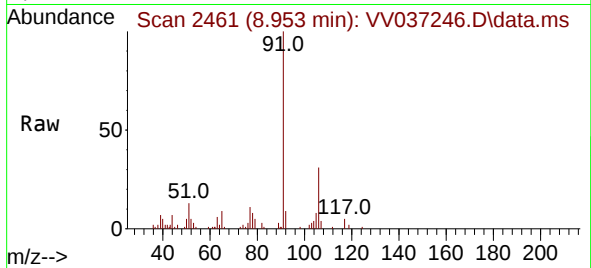
#52
Ethylbenzene
Concen: 0.184 ug/L
RT: 8.953 min Scan# 2457
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion: 91 Resp: 2263
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3

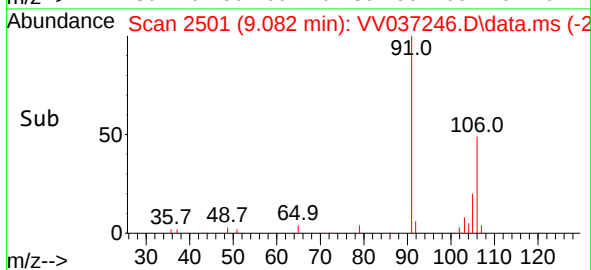
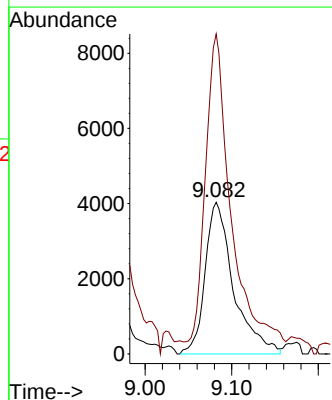
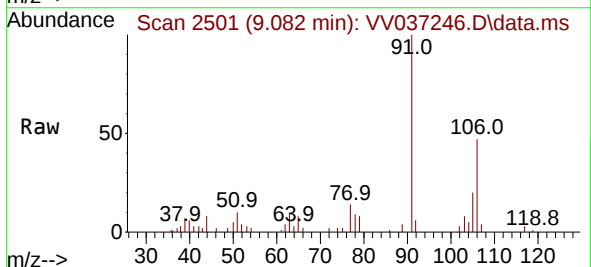
Manual Integrations
APPROVED

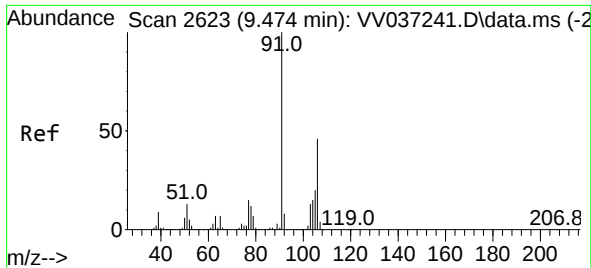
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#53
m,p-Xylene
Concen: 0.205 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion:106 Resp: 9258
Ion Ratio Lower Upper
106 100
91 210.9 143.3 266.1





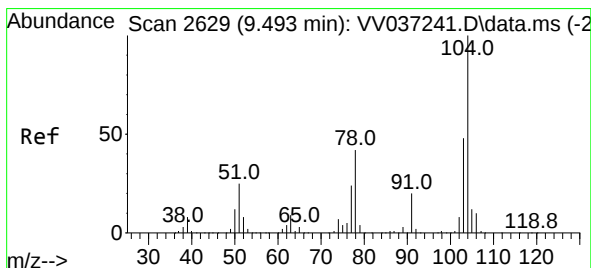
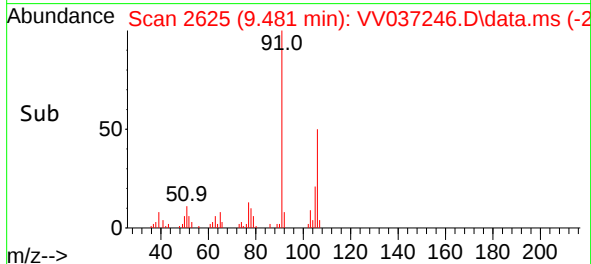
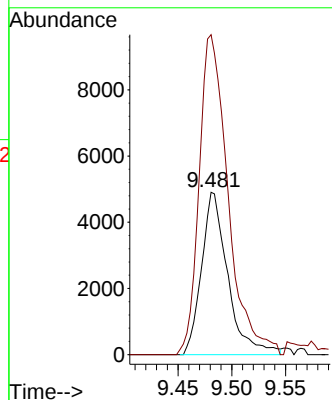
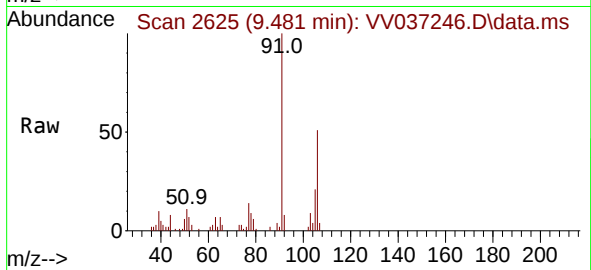
#54
o-Xylene
Concen: 0.187 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion:106 Resp: 8349
Ion Ratio Lower Upper
106 100
91 197.1 151.8 282.0

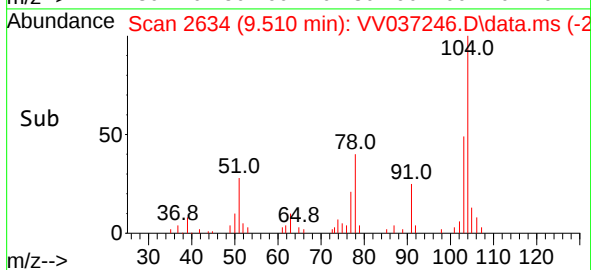
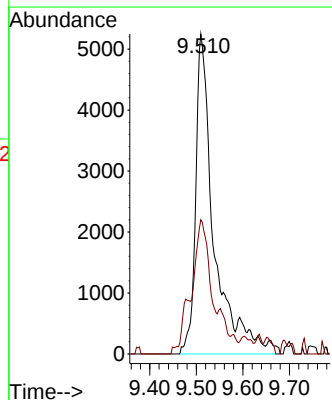
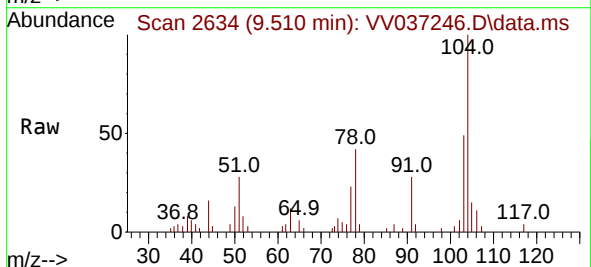
Manual Integrations
APPROVED

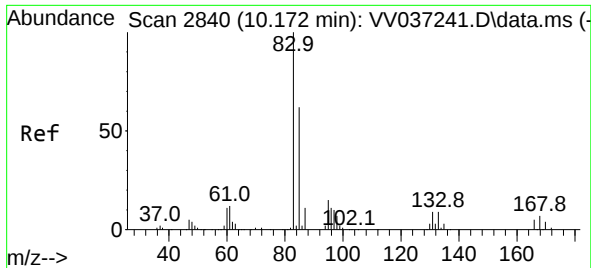
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#55
Styrene
Concen: 0.190 ug/L m
RT: 9.510 min Scan# 2634
Delta R.T. 0.016 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

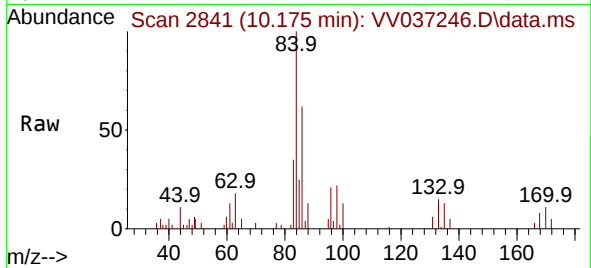
Tgt Ion:104 Resp: 14391
Ion Ratio Lower Upper
104 100
78 42.0 29.2 54.2





#57
1,1,2,2-Tetrachloroethane
Concen: 0.219 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

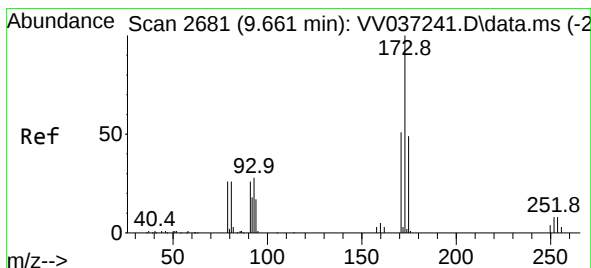
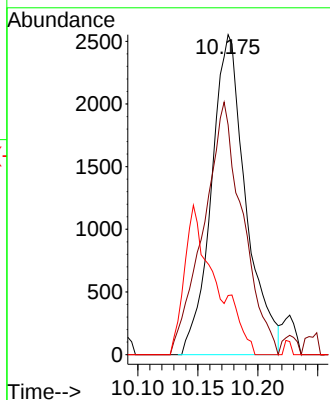
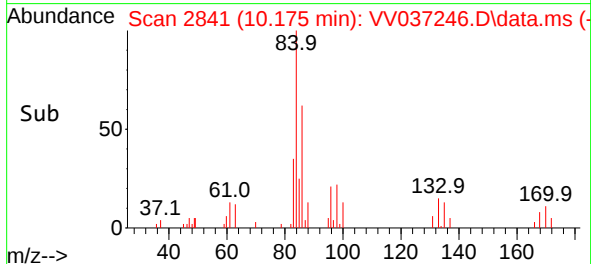
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion: 83 Resp: 508
Ion Ratio Lower Upper
83 100
85 71.8 43.2 80.2
131 18.5 6.9 10.3

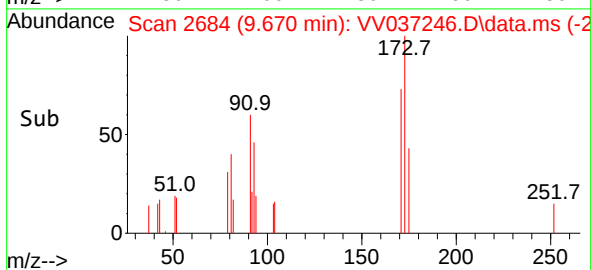
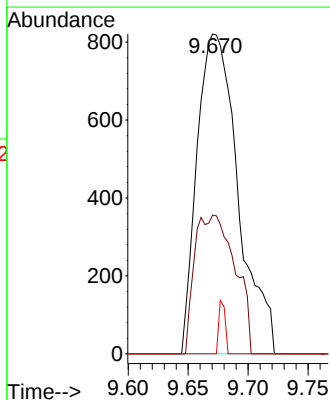
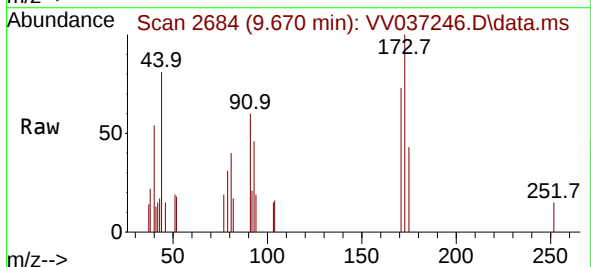
Manual Integrations
APPROVED

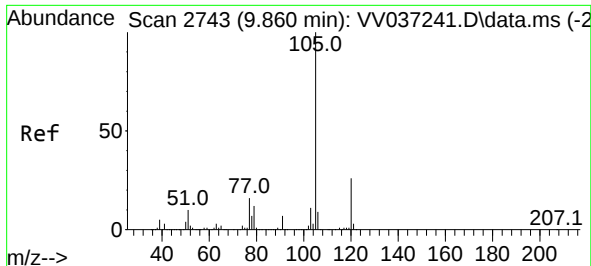
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#59
Bromoform
Concen: 0.199 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

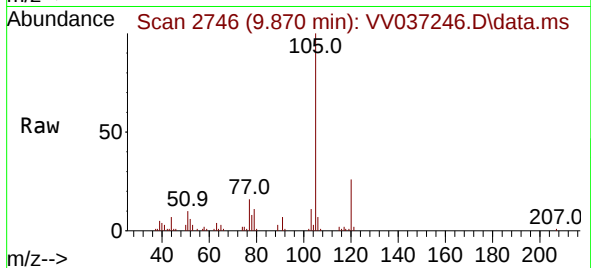
Tgt Ion:173 Resp: 1958
Ion Ratio Lower Upper
173 100
175 42.5 38.7 58.1
254 2.6 6.8 10.2





#60
Isopropylbenzene
Concen: 0.206 ug/L
RT: 9.870 min Scan# 2197
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

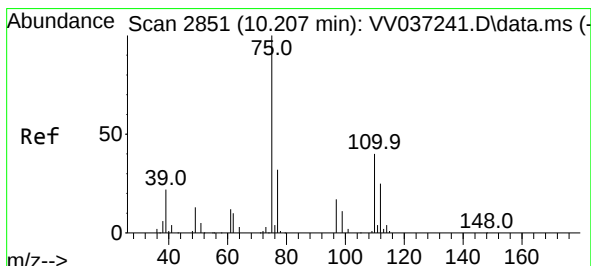
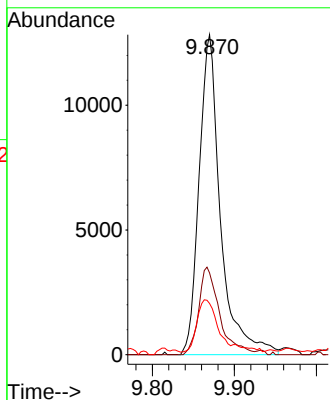
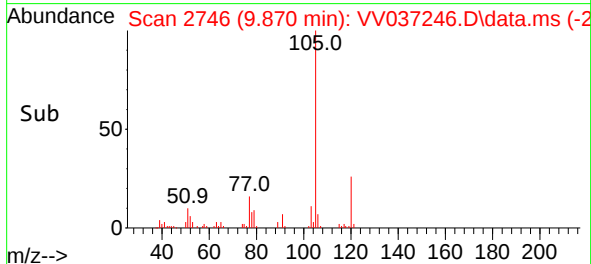
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-05



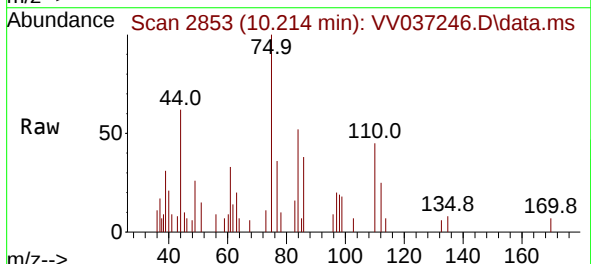
Tgt Ion: 105 Resp: 2319
Ion Ratio Lower Upper
105 100
120 26.8 20.2 30.4
77 18.0 12.7 19.1

Manual Integrations
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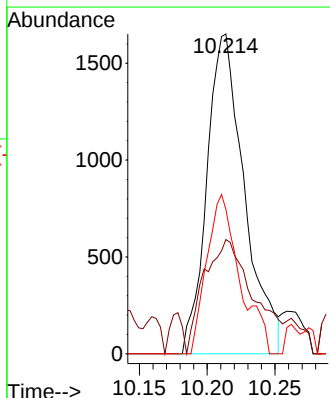
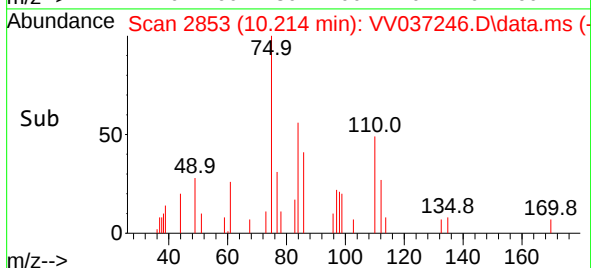
Reviewed By : Semsettin Yesilyurt 09/11/2024
Supervised By : Mahesh Dadoda 09/11/2024

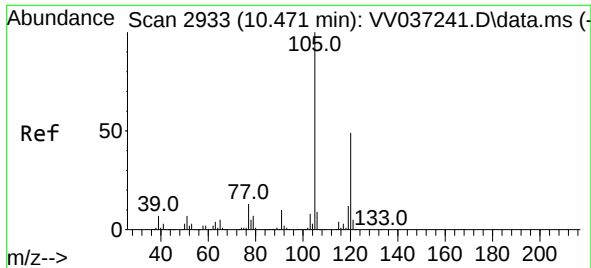


#61
1,2,3-Trichloropropane
Concen: 0.208 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20



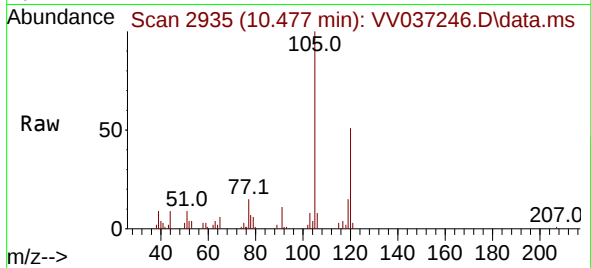
Tgt Ion: 75 Resp: 3192
Ion Ratio Lower Upper
75 100
77 47.1 25.6 38.4#
110 43.5 31.0 46.4





#62
1,3,5-Trimethylbenzene
Concen: 0.208 ug/L
RT: 10.477 min Scan# 2933
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

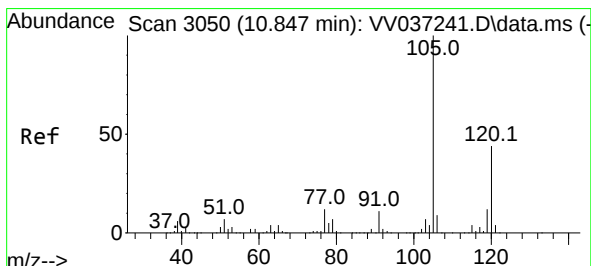
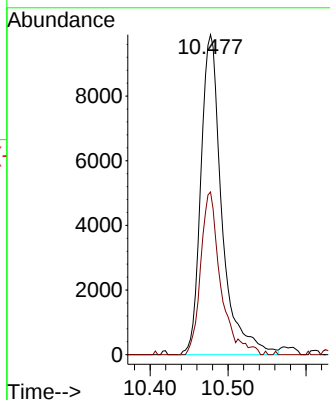
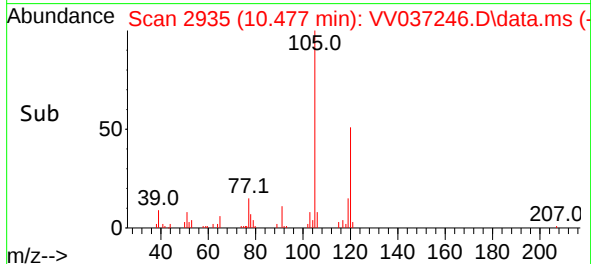
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-05



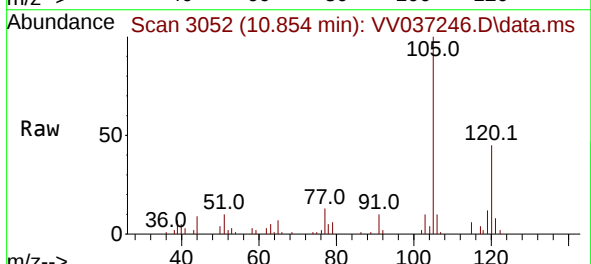
Tgt Ion:105 Resp: 18550
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8

Manual Integrations
APPROVED

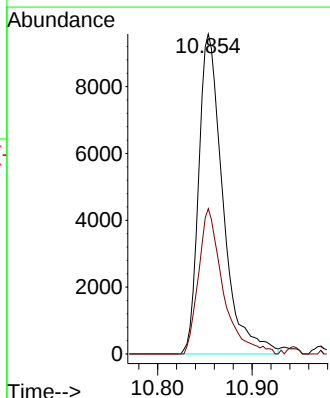
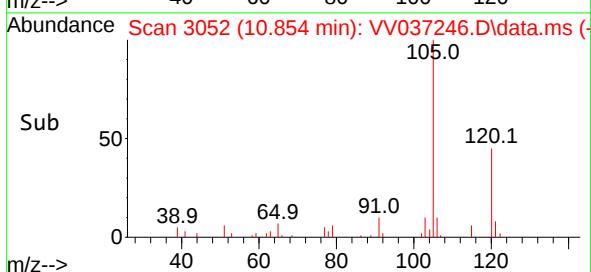
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

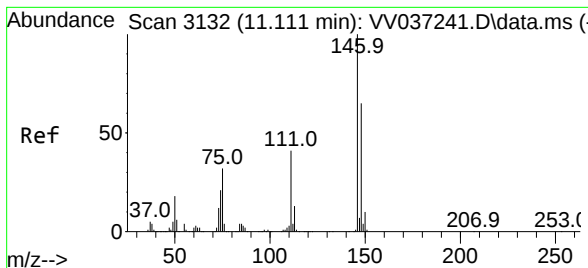


#63
1,2,4-Trimethylbenzene
Concen: 0.190 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20



Tgt Ion:105 Resp: 17031
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 0.226 ug/L

RT: 11.124 min Scan# 3132

Delta R.T. 0.013 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

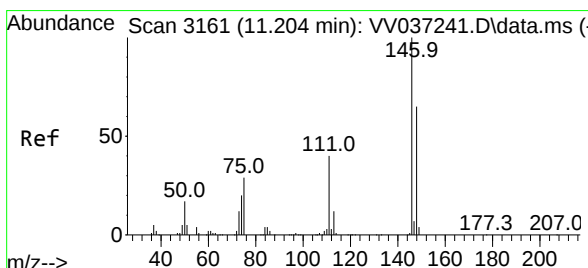
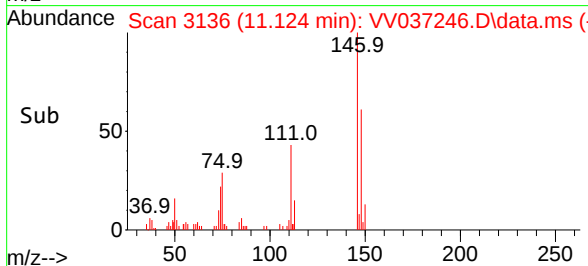
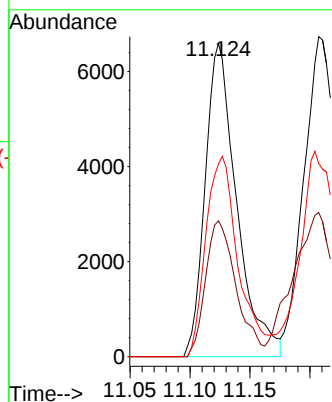
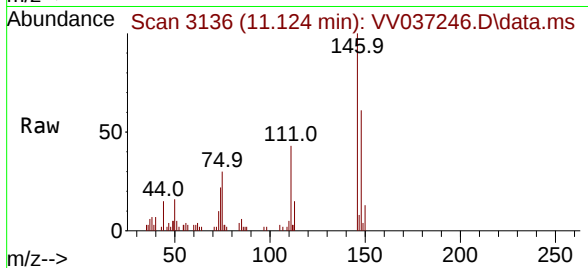
MDL-WATER-QT3-2024-05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	28.8	53.4
148	61.5	45.6	84.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#65

1,4-Dichlorobenzene

Concen: 0.231 ug/L

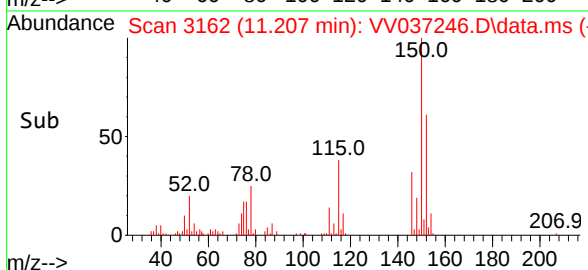
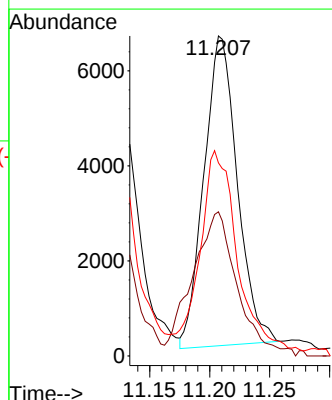
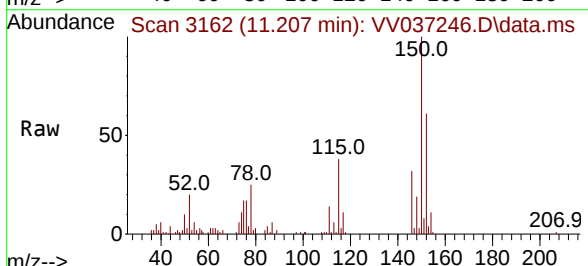
RT: 11.207 min Scan# 3162

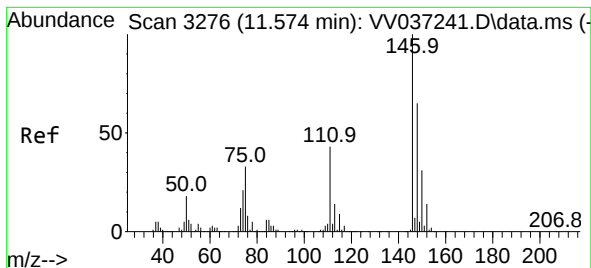
Delta R.T. 0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	28.2	52.4
148	60.3	45.8	85.0





#67

1,2-Dichlorobenzene

Concen: 0.256 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

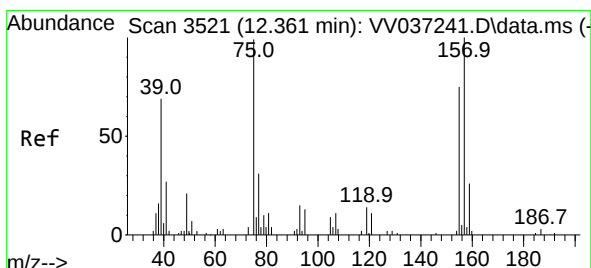
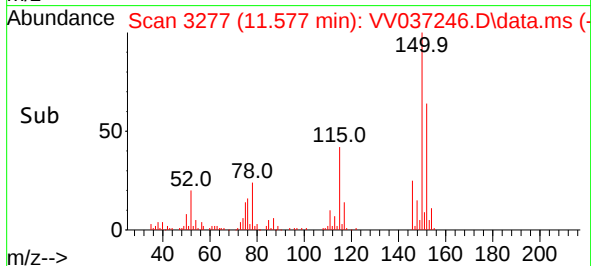
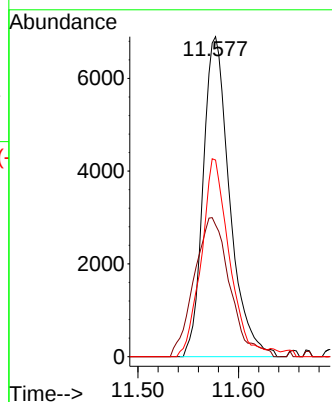
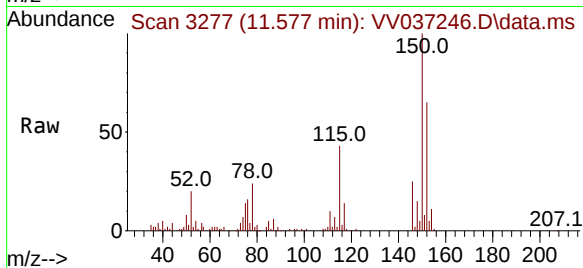
MDL-WATER-QT3-2024-05

Tgt Ion:	146	Resp:	1264
Ion Ratio	Lower	Upper	
146	100		
111	41.2	34.4	51.6
148	61.4	51.8	77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 0.187 ug/L m

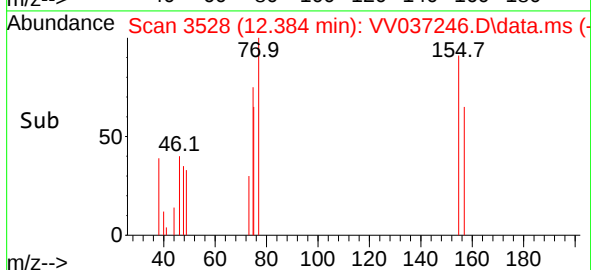
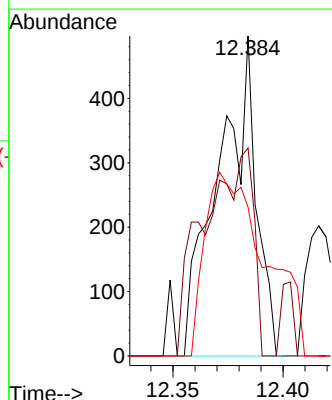
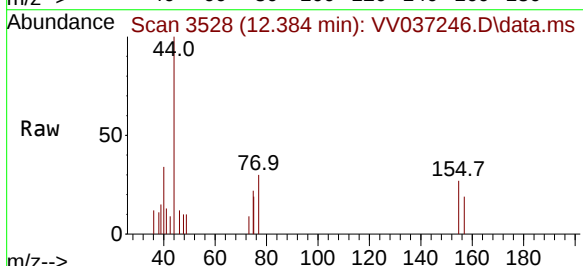
RT: 12.384 min Scan# 3528

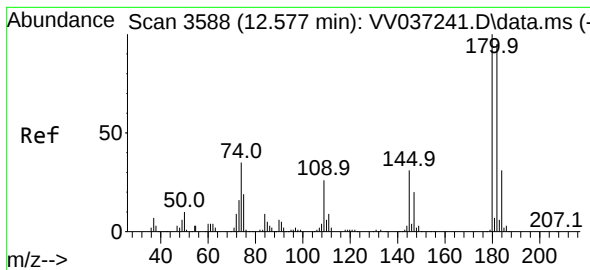
Delta R.T. 0.023 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion:	75	Resp:	594
Ion Ratio	Lower	Upper	
75	100		
155	121.4	60.6	90.8
157	86.8	81.1	121.7





#69

1,3,5-Trichlorobenzene

Concen: 0.236 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.010 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2024-05

Tgt Ion:180 Resp: 898

Ion Ratio Lower Upper

180 100

182 96.6 74.3 111.5

184 30.7 24.3 36.5

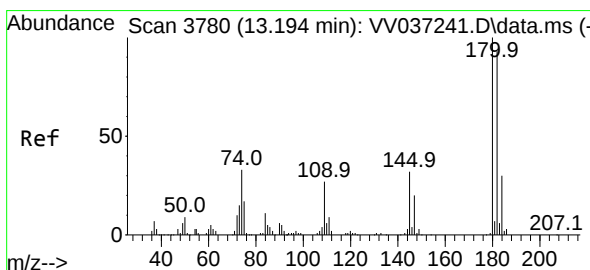
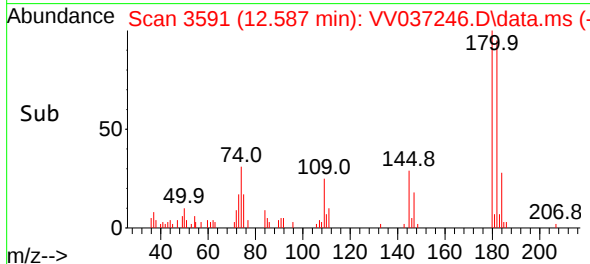
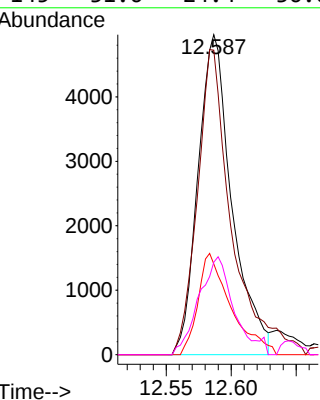
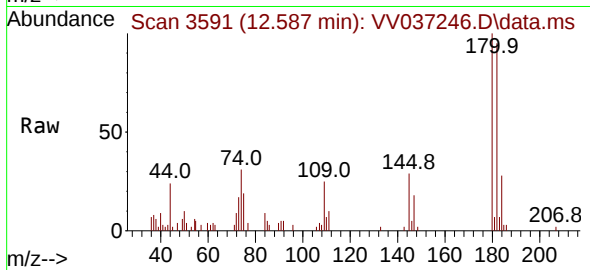
145 31.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#70

1,2,4-trichlorobenzene

Concen: 0.249 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

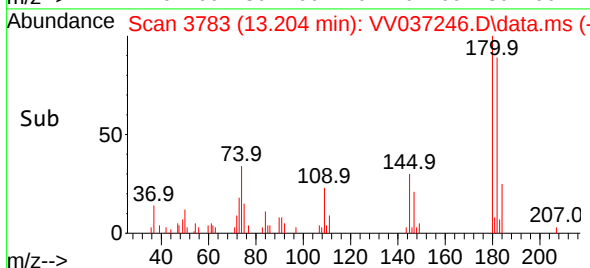
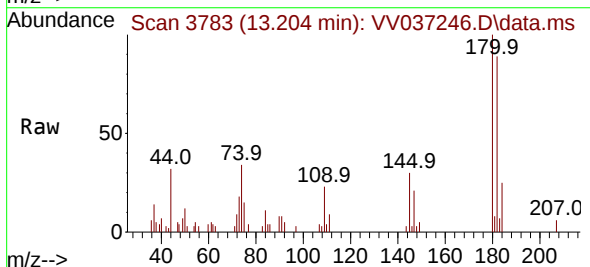
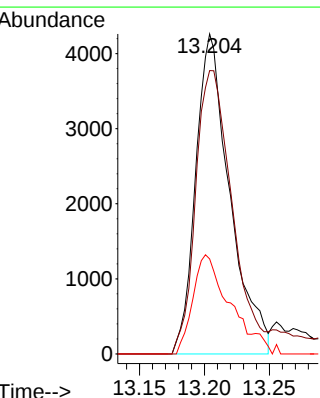
Tgt Ion:180 Resp: 7800

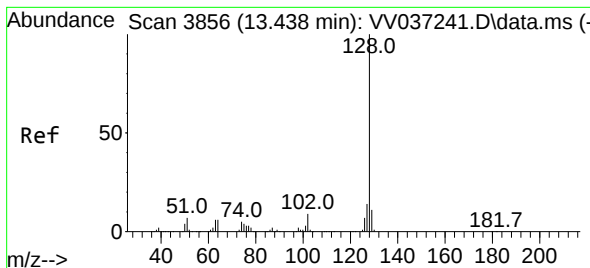
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.0

145 33.7 25.8 38.6





#71

Naphthalene

Concen: 0.295 ug/L

RT: 13.448 min Scan# 3856

Delta R.T. 0.010 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

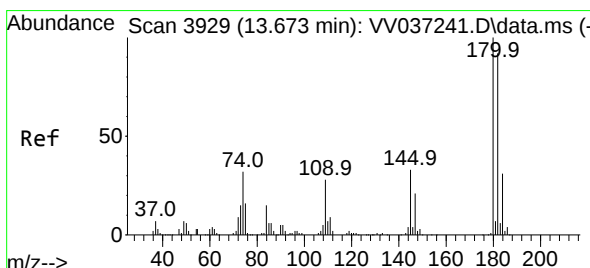
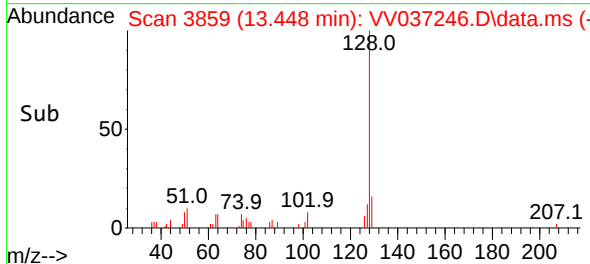
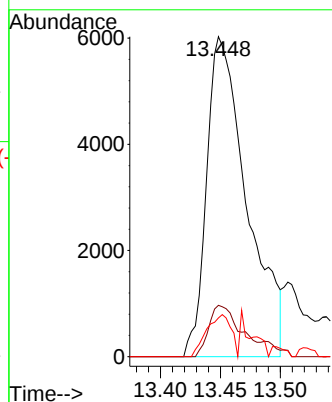
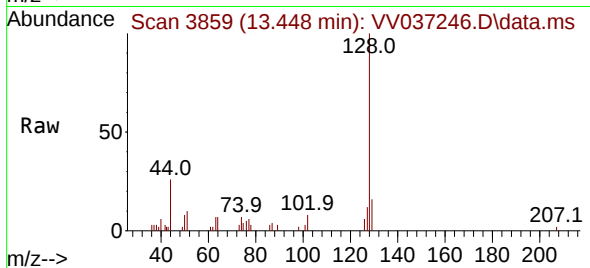
MDL-WATER-QT3-2024-05

Tgt Ion:128	Resp:	1408
Ion Ratio	Lower	Upper
128	100	
129	12.7	8.6 12.8
127	7.9	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#72

1,2,3-Trichlorobenzene

Concen: 0.265 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.013 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion:180	Resp:	6865
Ion Ratio	Lower	Upper
180	100	
182	95.0	73.4 110.0
145	34.8	27.2 40.8

