

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030124\
 Data File : VW034491.D
 Acq On : 01 Mar 2024 11:01
 Operator : SY/MD
 Sample : P1601-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-02

Quant Time: Mar 01 22:29:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
 Supervised By :Semsettin Yesilyurt 03/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	317634	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112833	40.977	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.960%		
7) Chloroethane-d5	1.532	69	90918	42.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.760%		
11) 1,1-Dichloroethene-d2	2.060	65	50377	40.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.900%		
21) 2-Butanone-d5	3.789	46	178079	96.708	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.710%		
24) Chloroform-d	4.246	84	211552	43.453	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.900%		
26) 1,2-Dichloroethane-d4	4.941	65	144003	45.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.520%		
32) Benzene-d6	4.960	84	402718	45.897	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
36) 1,2-Dichloropropane-d6	5.986	67	127471	47.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.200%		
41) Toluene-d8	7.243	98	354307	44.620	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.240%		
43) trans-1,3-Dichloroprop...	7.551	79	57565	42.809	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.620%		
47) 2-Hexanone-d5	8.024	63	133073	99.518	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.520%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	163717	46.459	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.920%		
66) 1,2-Dichlorobenzene-d4	11.558	152	136683	47.820	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	7535	2.262	ug/L	96
3) Chloromethane	1.217	50	8628	2.635	ug/L	99
5) Vinyl chloride	1.285	62	7677	2.416	ug/L #	78
6) Bromomethane	1.487	94	5408	2.836	ug/L	94
8) Chloroethane	1.548	64	4751	2.515	ug/L	93
9) Trichlorofluoromethane	1.712	101	11315	2.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	7448	2.904	ug/L #	83
12) 1,1-Dichloroethene	2.069	96	6876	2.891	ug/L #	1
13) Acetone	2.127	43	11746	5.306	ug/L	94
14) Carbon disulfide	2.240	76	15643	2.370	ug/L	95
15) Methyl Acetate	2.384	43	7344	2.593	ug/L	99
16) Methylene chloride	2.449	84	7206	2.856	ug/L	93
17) trans-1,2-Dichloroethene	2.699	96	5052	2.195	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	19641	2.376	ug/L	97
19) 1,1-Dichloroethane	3.114	63	10903	2.418	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	5921	2.371	ug/L	93
22) 2-Butanone	3.918	43	11614m	5.313	ug/L	
23) Bromochloromethane	4.166	128	3248	2.515	ug/L	96
27) 1,2-Dichloroethane	5.053	62	9628m	2.535	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.580	56	9208	2.408	ug/L	97
30) 1,1,1-Trichloroethane	4.516	97	9749	2.338	ug/L #	89
31) Carbon tetrachloride	4.741	117	8713	2.361	ug/L	99
33) Benzene	5.015	78	20928	2.319	ug/L	100
34) Trichloroethene	5.844	95	6473	2.523	ug/L	95
35) Methylcyclohexane	6.053	83	9682	2.483	ug/L	95
37) 1,2-Dichloropropane	6.101	63	6267m	2.652	ug/L	
38) Bromodichloromethane	6.442	83	7778	2.340	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	9383m	2.451	ug/L	
40) 4-Methyl-2-pentanone	7.166	43	15978	4.586	ug/L	96
42) Toluene	7.323	91	24193	2.533	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	8421m	2.287	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	5628	2.469	ug/L	95
46) Tetrachloroethene	7.908	164	4789	2.510	ug/L	92
48) 2-Hexanone	8.088	43	18239m	6.570	ug/L	
49) Dibromochloromethane	8.178	129	5707	2.372	ug/L	88
50) 1,2-Dibromoethane	8.291	107	5722	2.365	ug/L	91
51) Chlorobenzene	8.815	112	15352	2.486	ug/L	96
52) Ethylbenzene	8.950	91	25969	2.427	ug/L	96
53) m,p-Xylene	9.075	106	9036	2.225	ug/L	92
54) o-Xylene	9.481	106	9467	2.381	ug/L	93
55) Styrene	9.506	104	13732	2.039	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.175	83	9425	2.753	ug/L #	97
59) Bromoform	9.667	173	3471	2.239	ug/L #	95
60) Isopropylbenzene	9.870	105	25437	2.572	ug/L	96
61) 1,2,3-Trichloropropane	10.210	75	7459	2.794	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	19958	2.392	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	19245	2.332	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	11005	2.407	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	11818	2.545	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	12199	2.662	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1689	2.124	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	7641	2.227	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	6700	2.171	ug/L	97
71) Naphthalene	13.445	128	16390	1.985	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	6888	2.287	ug/L	98

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

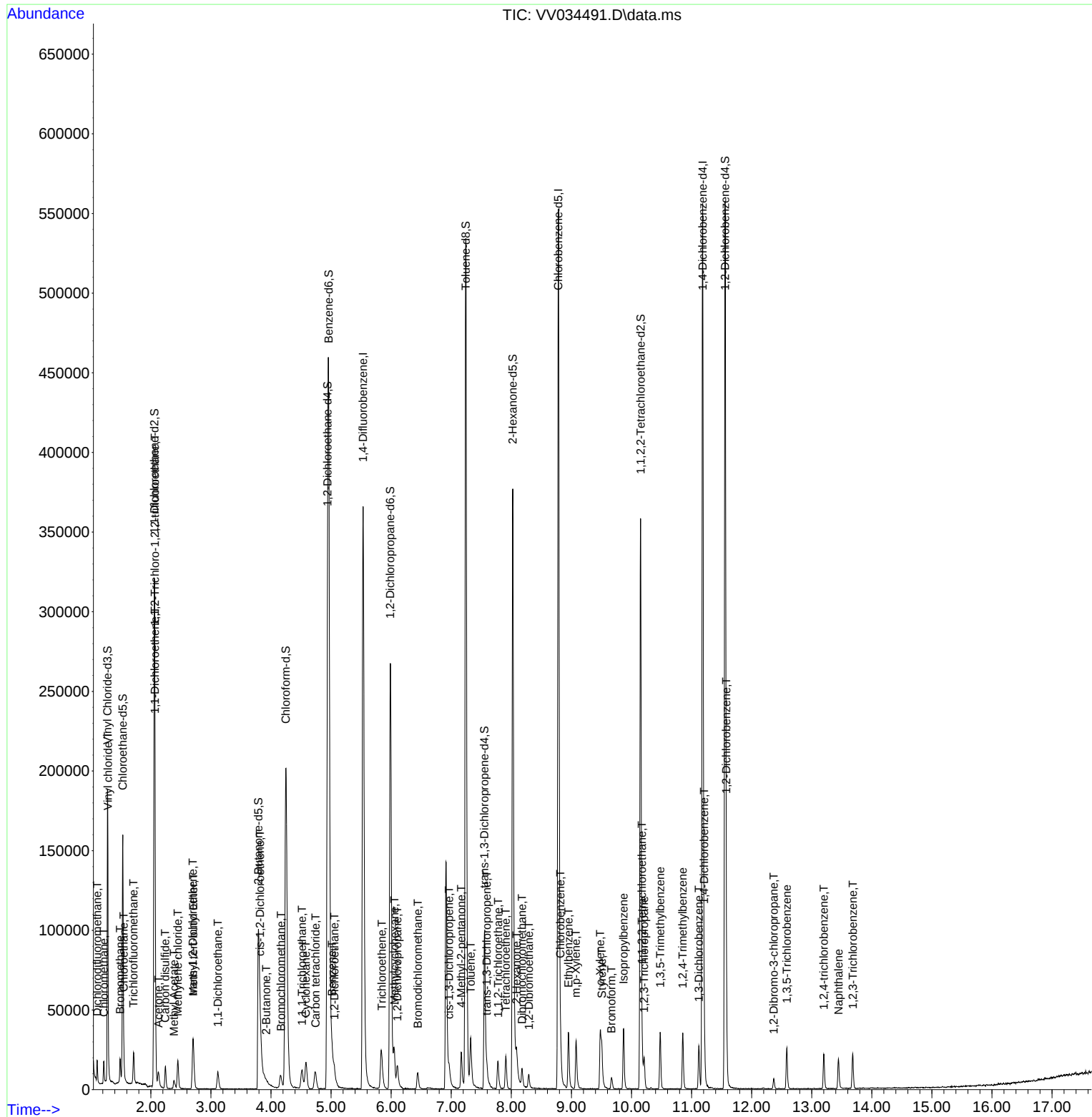
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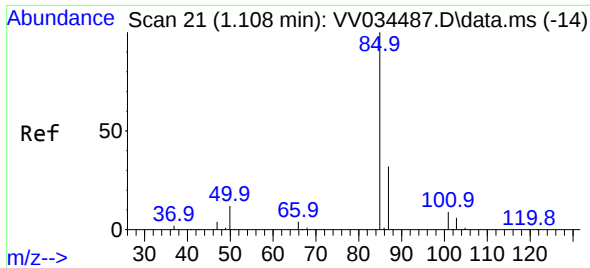
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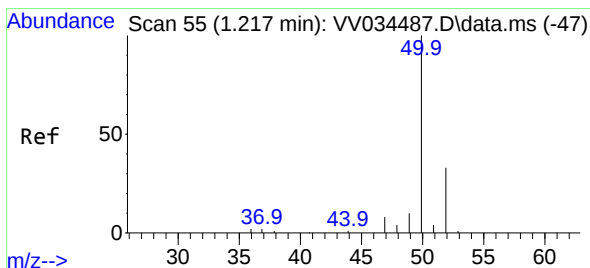
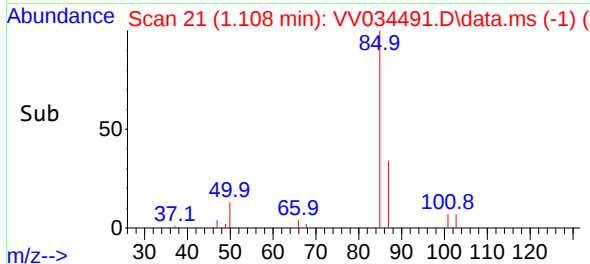
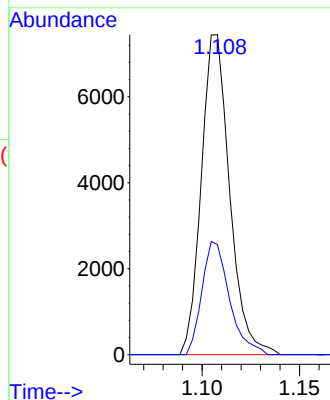
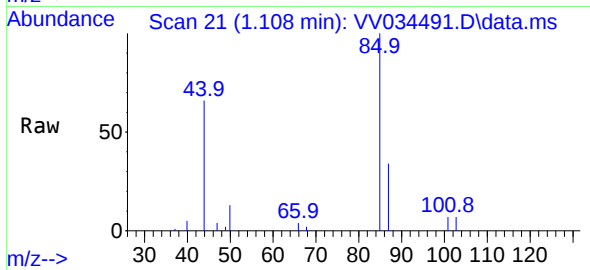
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Dichlorodifluoromethane
Concen: 2.262 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 85 Resp: 753
Ion Ratio Lower Upper
85 100
87 34.3 25.5 38.3

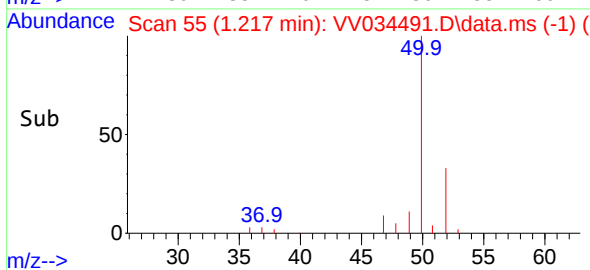
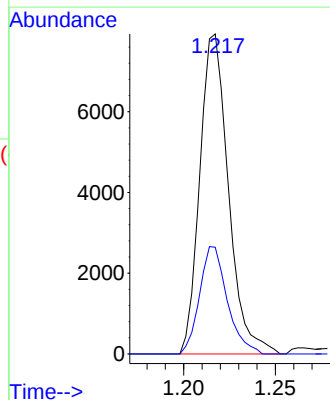
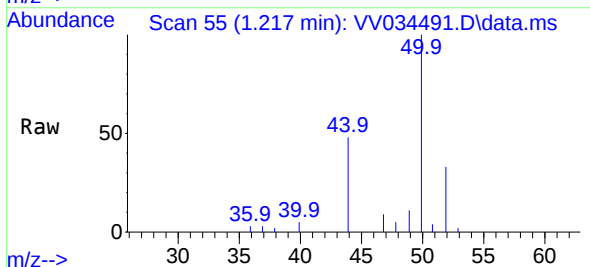
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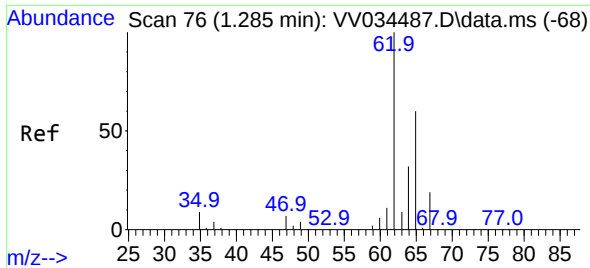
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Supervised By :Semsettin Yesilyurt 03/05/2024



#3
Chloromethane
Concen: 2.635 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

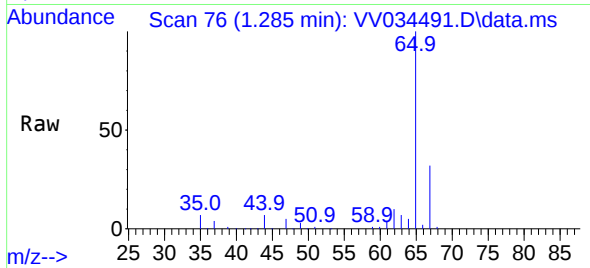
Tgt Ion: 50 Resp: 8628
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8





#5
Vinyl chloride
Concen: 2.416 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

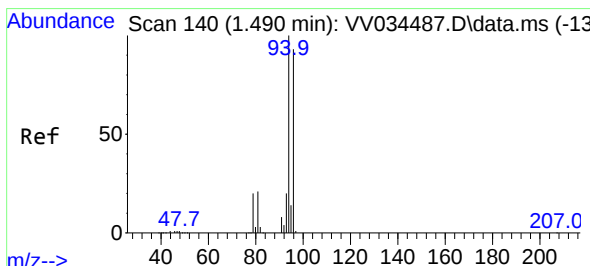
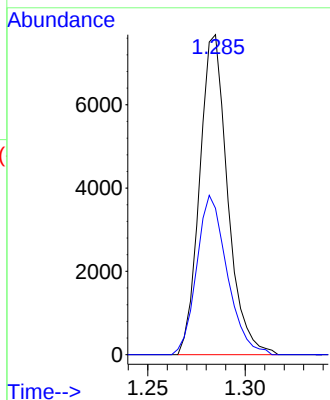
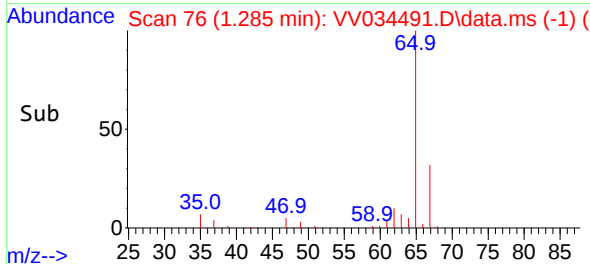
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 62 Resp: 767
Ion Ratio Lower Upper
62 100
64 45.8 23.4 43.6

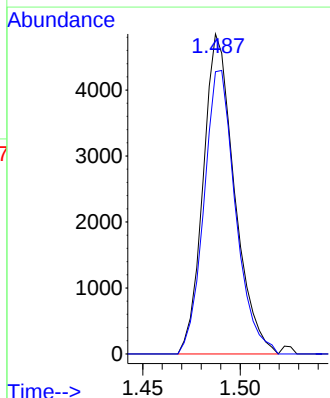
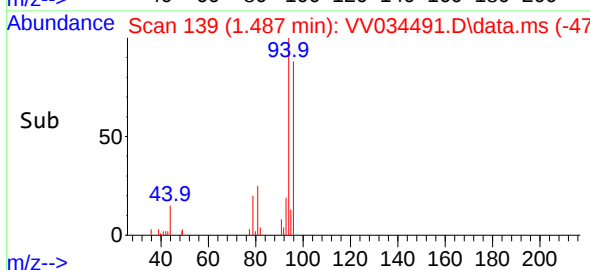
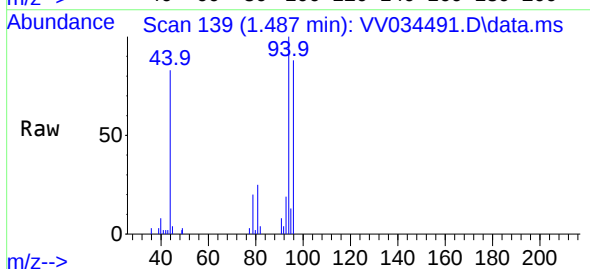
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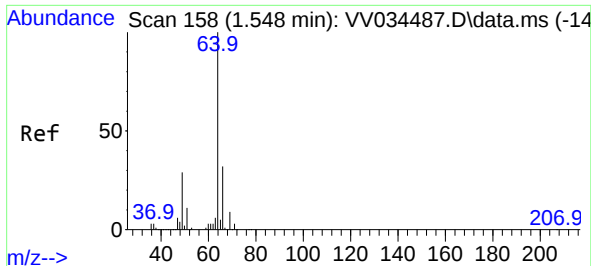
Reviewed By :Mahesh Dadoda 03/05/2024
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#6
Bromomethane
Concen: 2.836 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

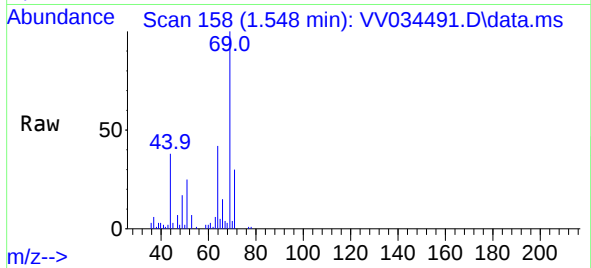
Tgt Ion: 94 Resp: 5408
Ion Ratio Lower Upper
94 100
96 88.2 66.0 122.6





#8
Chloroethane
Concen: 2.515 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

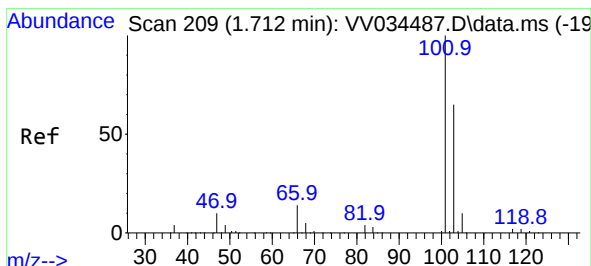
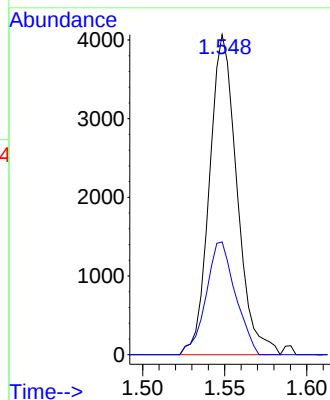
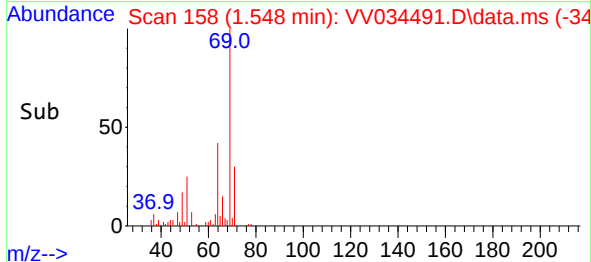
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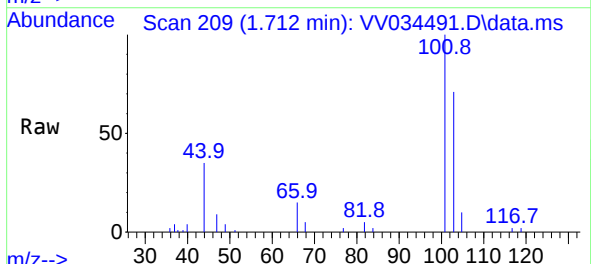
Tgt Ion: 64 Resp: 475
Ion Ratio Lower Upper
64 100
66 35.3 22.0 40.8

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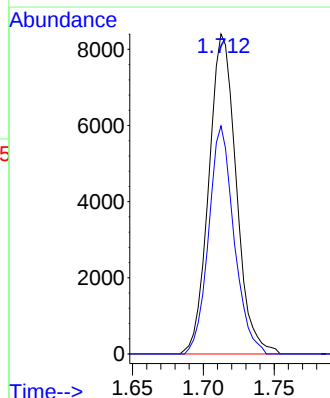
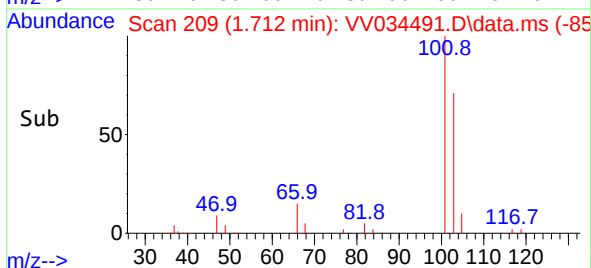
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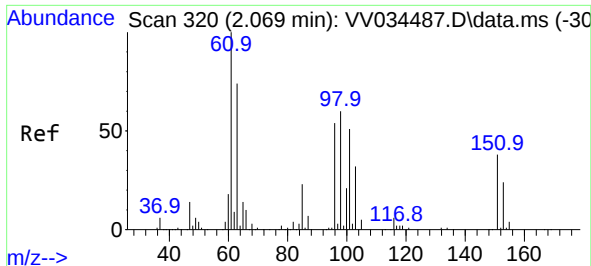


#9
Trichlorofluoromethane
Concen: 2.378 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01



Tgt Ion:101 Resp: 11315
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8





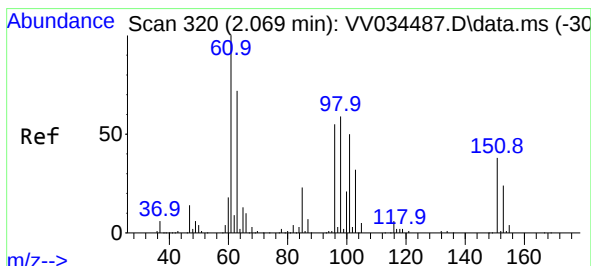
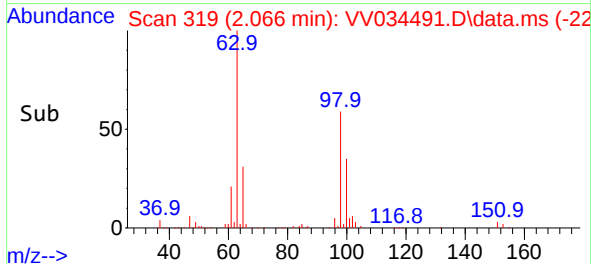
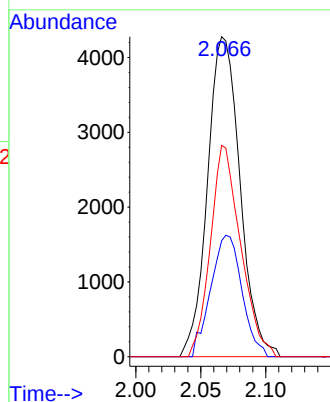
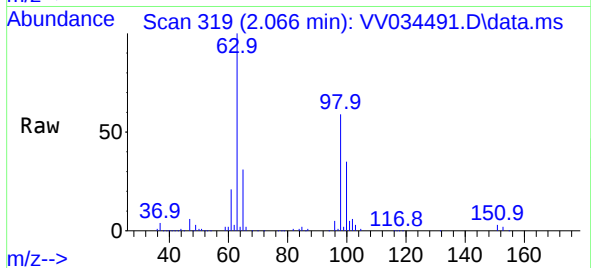
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.904 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV034491.D
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Tgt Ion:101 Resp: 7448
Ion Ratio Lower Upper
101 100
85 36.3 37.4 56.0
151 61.3 61.4 92.2

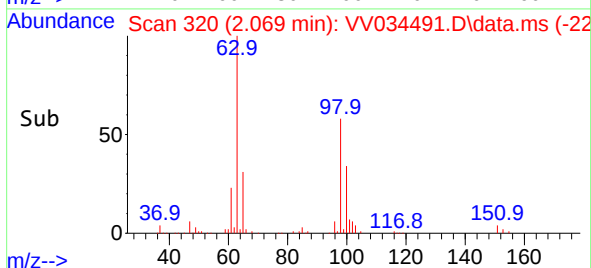
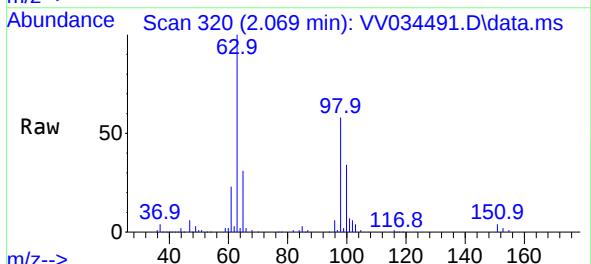
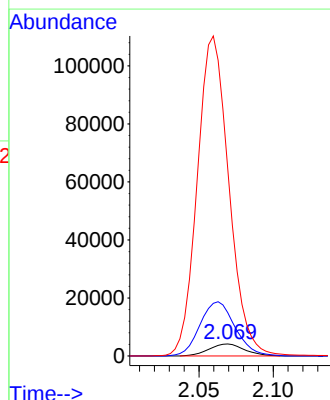
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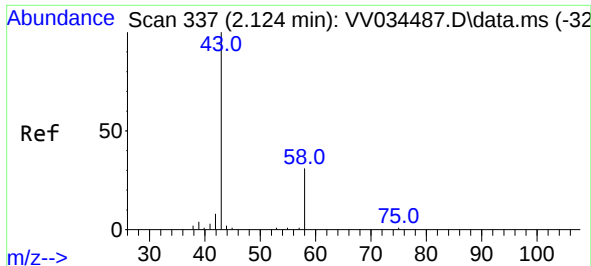
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#12
1,1-Dichloroethene
Concen: 2.891 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 96 Resp: 6876
Ion Ratio Lower Upper
96 100
61 360.0 128.9 239.3#
63 1554.6 98.0 182.0#





#13

Acetone

Concen: 5.306 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2024-02

Tgt Ion: 43 Resp: 11740

Ion Ratio Lower Upper

43 100

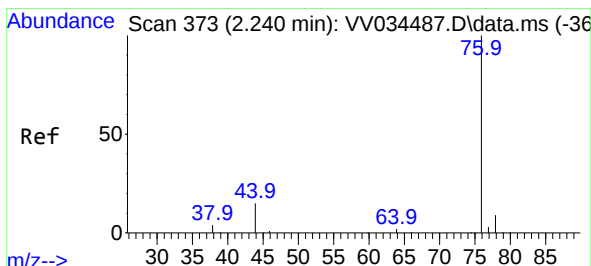
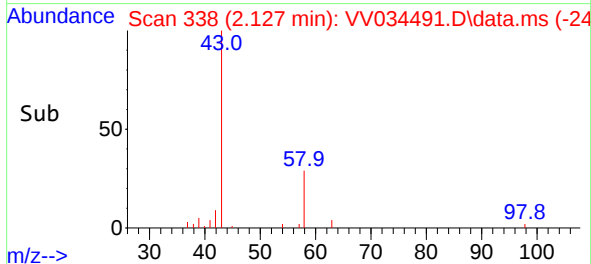
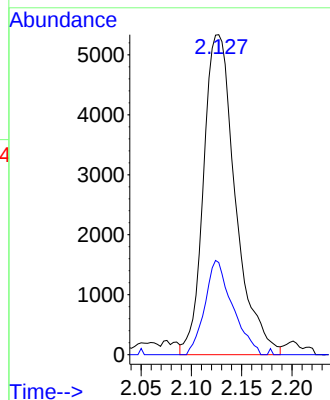
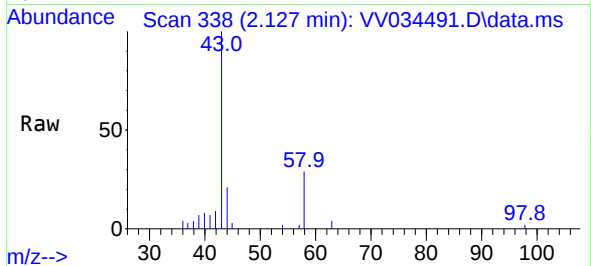
58 25.5 0.0 57.2

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#14

Carbon disulfide

Concen: 2.370 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034491.D

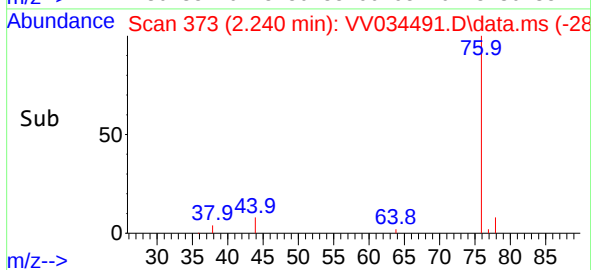
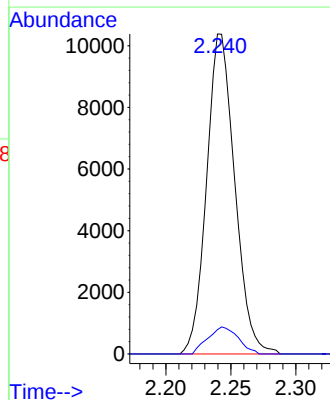
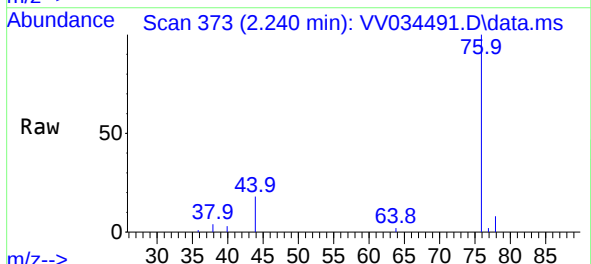
Acq: 01 Mar 2024 11:01

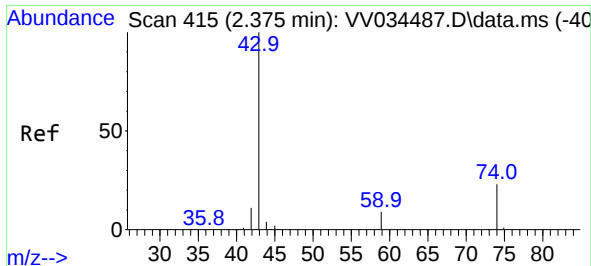
Tgt Ion: 76 Resp: 15643

Ion Ratio Lower Upper

76 100

78 7.6 7.5 11.3





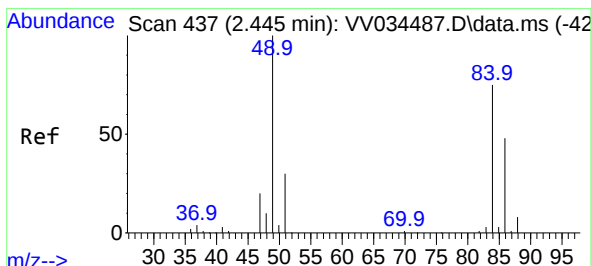
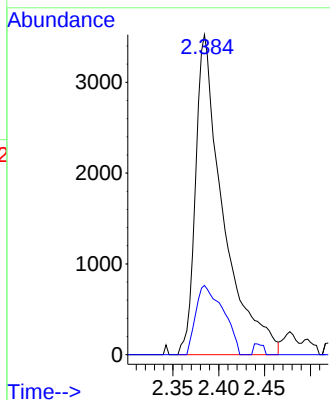
#15
Methyl Acetate
Concen: 2.593 ug/L
RT: 2.384 min Scan# 415
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 43 Resp: 7344
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8

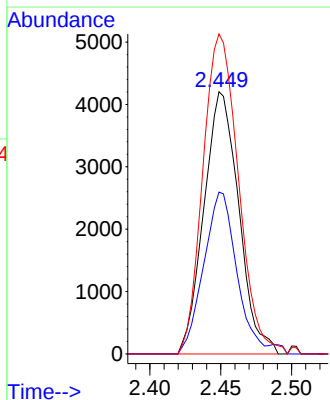
Manual Integrations
APPROVED

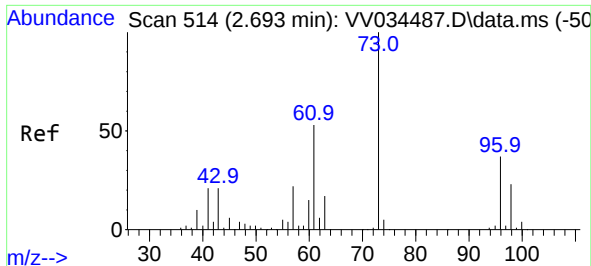
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#16
Methylene chloride
Concen: 2.856 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

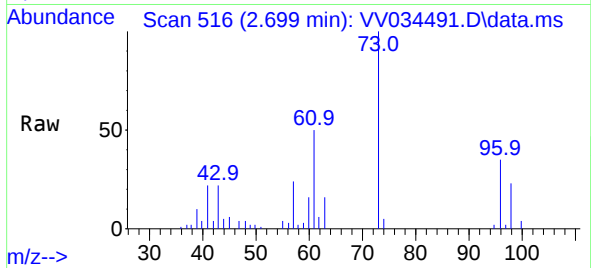
Tgt Ion: 84 Resp: 7206
Ion Ratio Lower Upper
84 100
86 61.7 45.6 84.6
49 122.1 92.3 171.3





#17
trans-1,2-Dichloroethene
Concen: 2.195 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

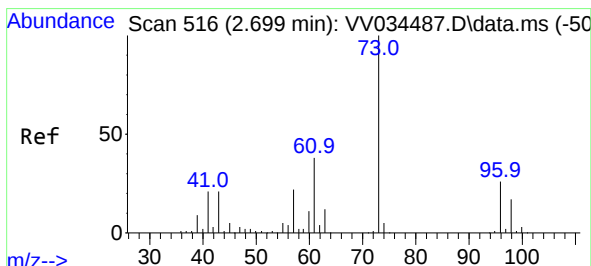
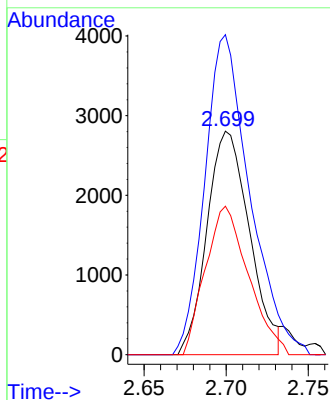
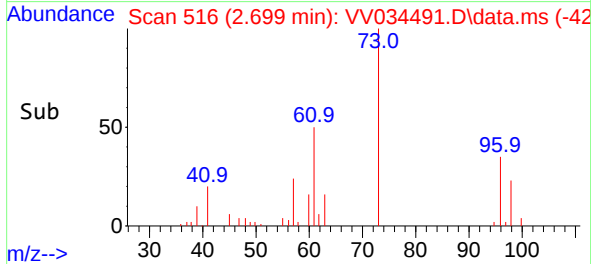
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 96 Resp: 5052
Ion Ratio Lower Upper
96 100
61 143.2 98.8 183.4
98 66.4 46.1 85.5

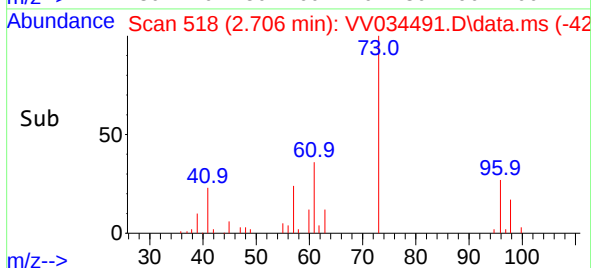
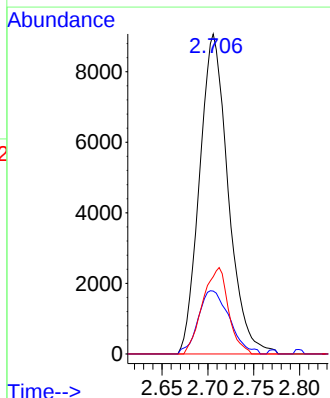
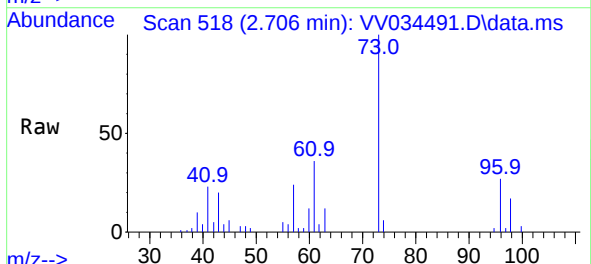
Manual Integrations
APPROVED

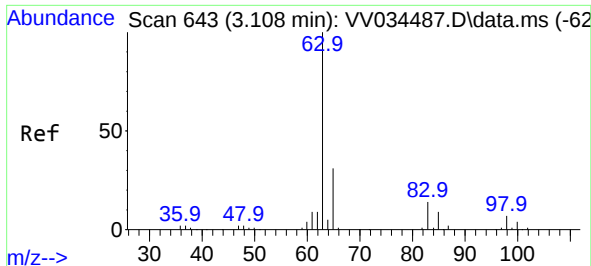
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#18
Methyl tert-butyl Ether
Concen: 2.376 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

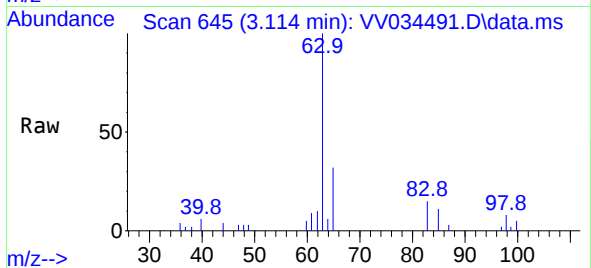
Tgt Ion: 73 Resp: 19641
Ion Ratio Lower Upper
73 100
43 21.3 17.1 25.7
57 24.4 17.6 26.4





#19
1,1-Dichloroethane
Concen: 2.418 ug/L
RT: 3.114 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

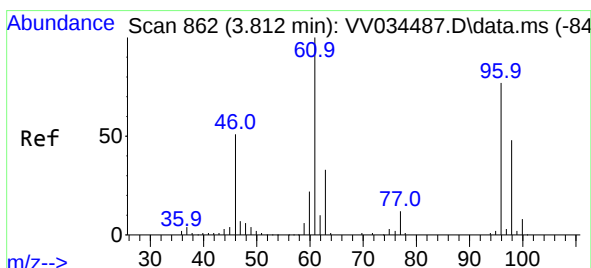
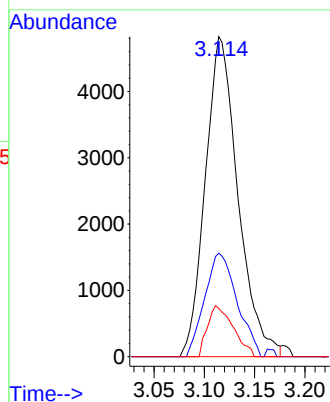
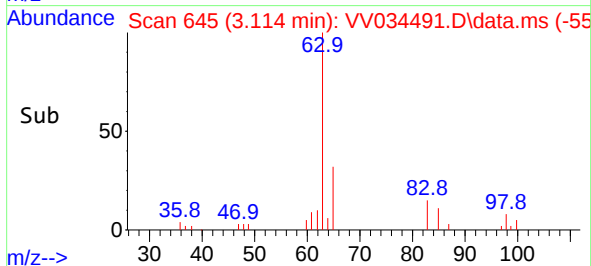
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 63 Resp: 1090
Ion Ratio Lower Upper
63 100
65 32.4 22.1 41.1
83 15.1 9.9 18.3

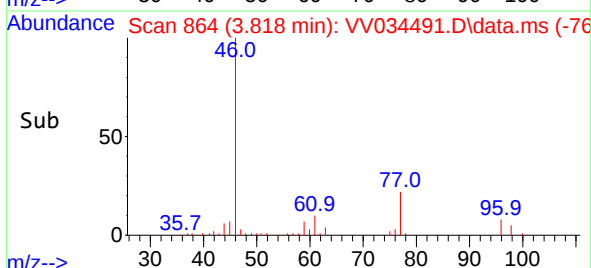
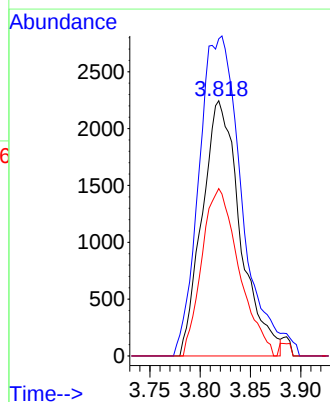
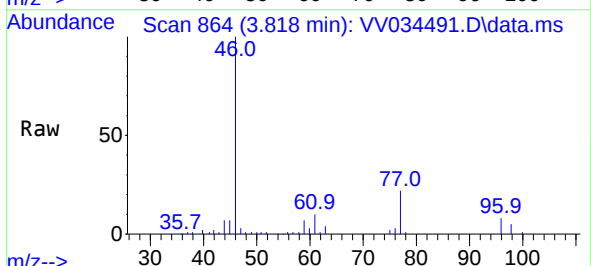
Manual Integrations
APPROVED

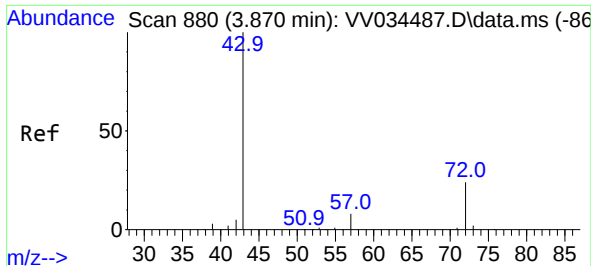
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#20
cis-1,2-Dichloroethene
Concen: 2.371 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

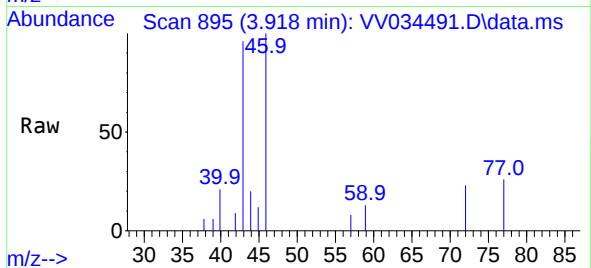
Tgt Ion: 96 Resp: 5921
Ion Ratio Lower Upper
96 100
61 124.3 96.0 178.4
98 65.6 46.0 85.4





#22
2-Butanone
Concen: 5.313 ug/L m
RT: 3.918 min Scan# 895
Delta R.T. 0.048 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

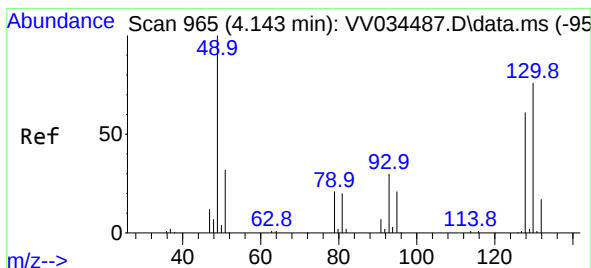
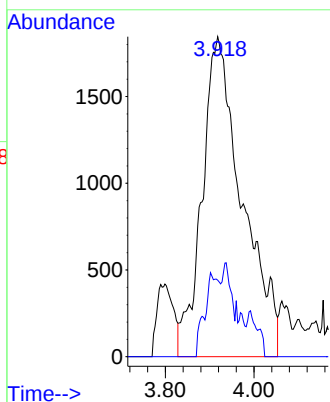
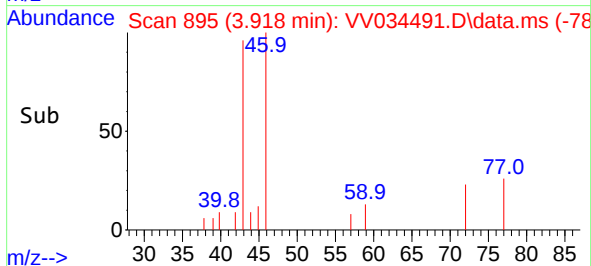
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 43 Resp: 11614
Ion Ratio Lower Upper
43 100
72 1.9 11.5 34.4

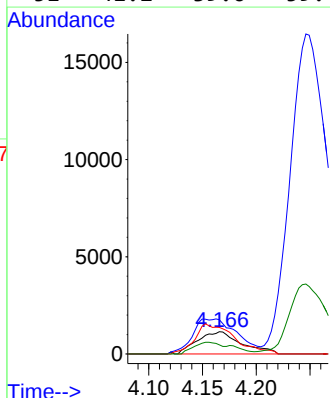
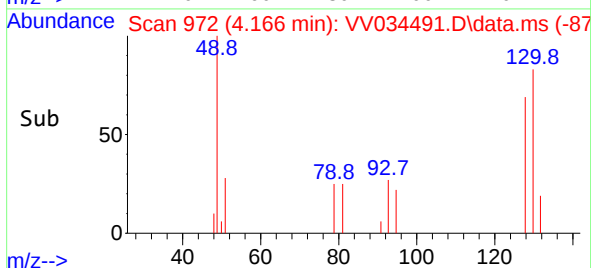
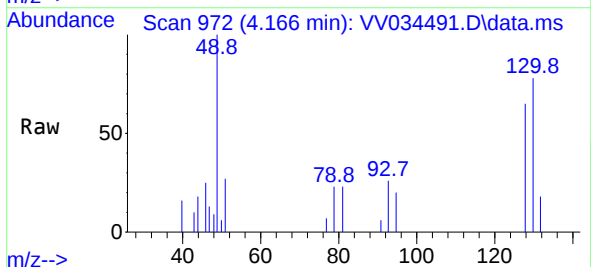
Manual Integrations
APPROVED

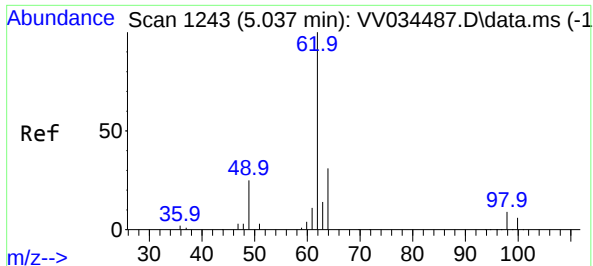
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#23
Bromochloromethane
Concen: 2.515 ug/L
RT: 4.166 min Scan# 972
Delta R.T. 0.023 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:128 Resp: 3248
Ion Ratio Lower Upper
128 100
49 153.9 109.4 203.2
130 119.9 87.7 162.9
51 41.2 39.6 59.4





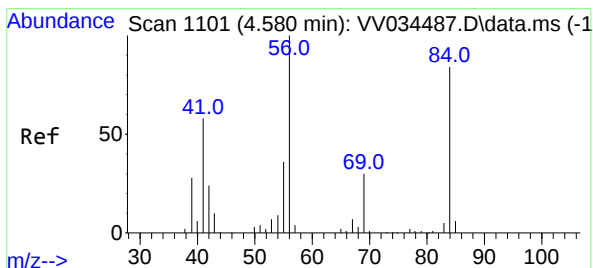
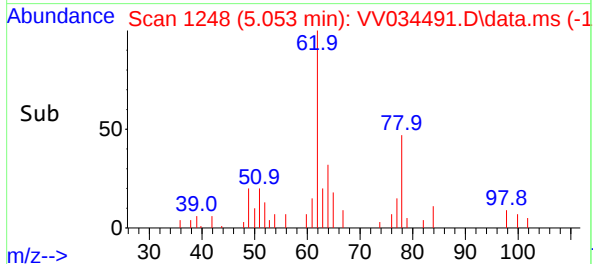
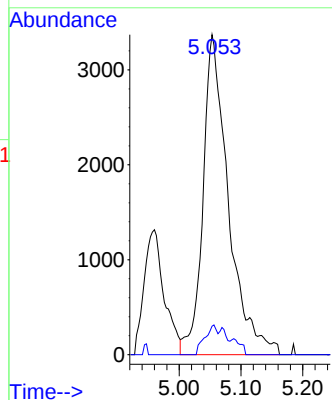
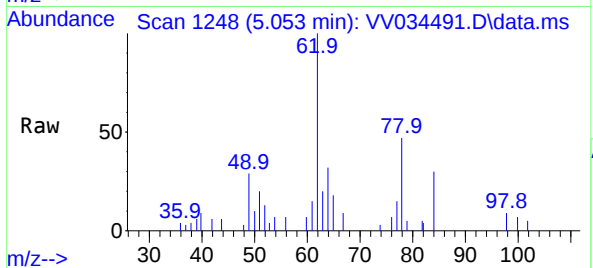
#27
1,2-Dichloroethane
Concen: 2.535 ug/L m
RT: 5.053 min Scan# 1101
Delta R.T. 0.016 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 62 Resp: 9628
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0

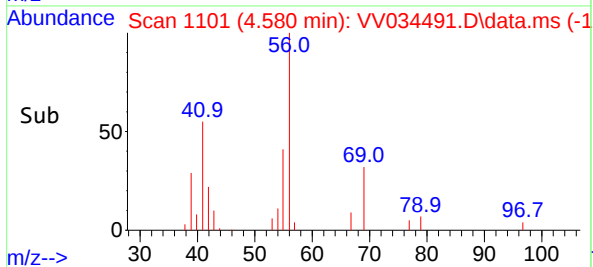
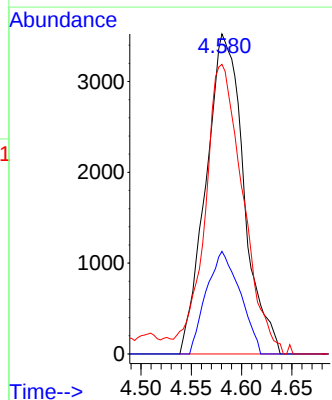
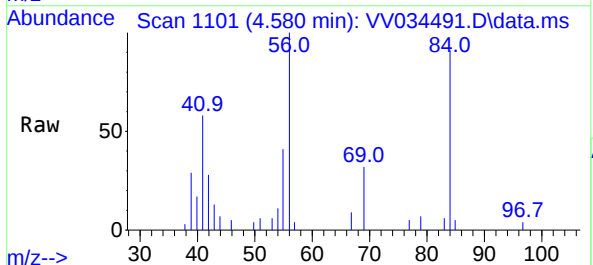
Manual Integrations
APPROVED

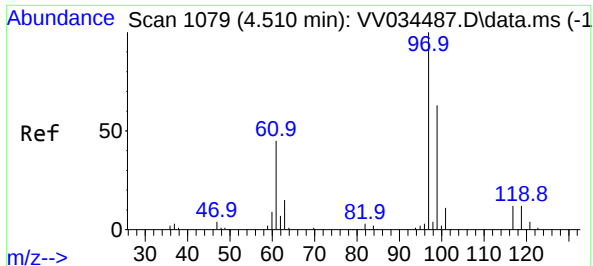
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#29
Cyclohexane
Concen: 2.408 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 56 Resp: 9208
Ion Ratio Lower Upper
56 100
69 28.5 24.2 36.4
84 90.8 70.5 105.7





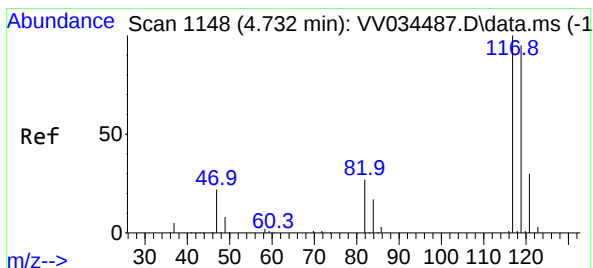
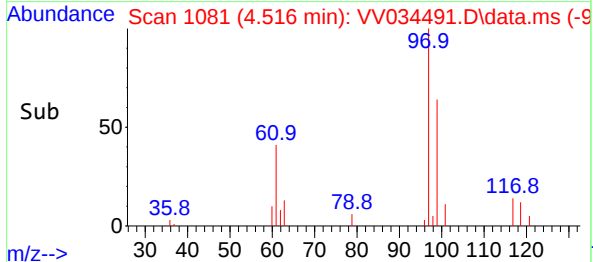
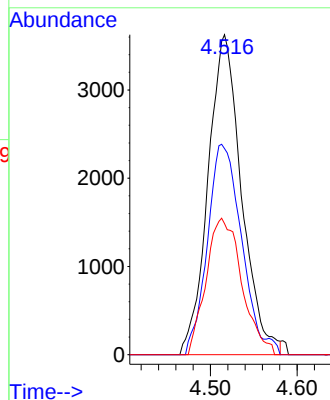
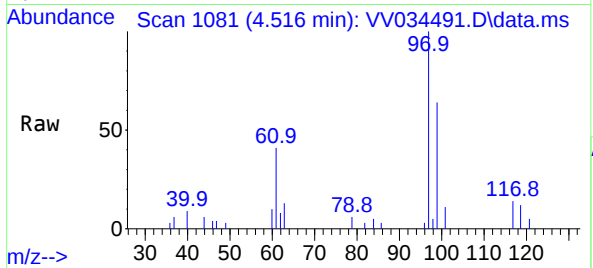
#30
1,1,1-Trichloroethane
Concen: 2.338 ug/L
RT: 4.516 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 97 Resp: 9749
Ion Ratio Lower Upper
97 100
99 65.7 51.3 76.9
61 29.8 36.0 54.0

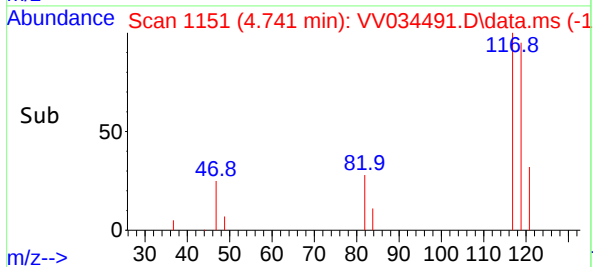
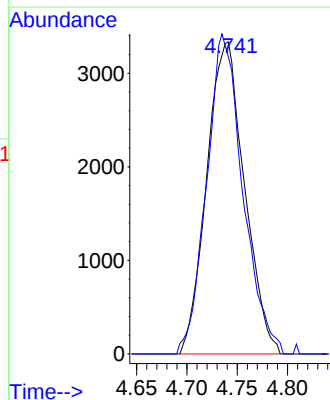
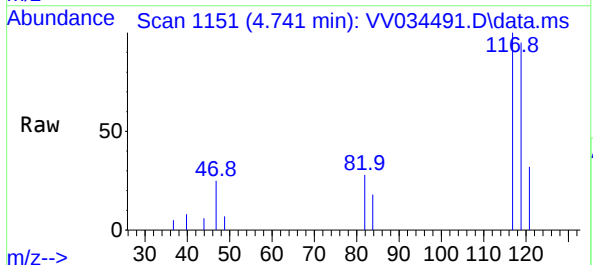
Manual Integrations
APPROVED

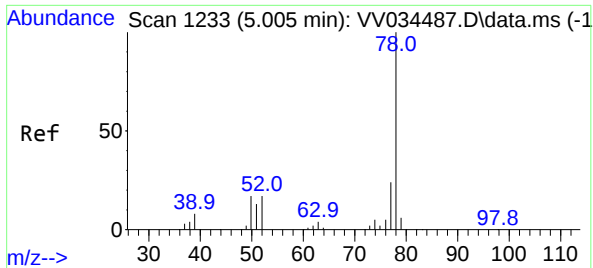
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#31
Carbon tetrachloride
Concen: 2.361 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:117 Resp: 8713
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3





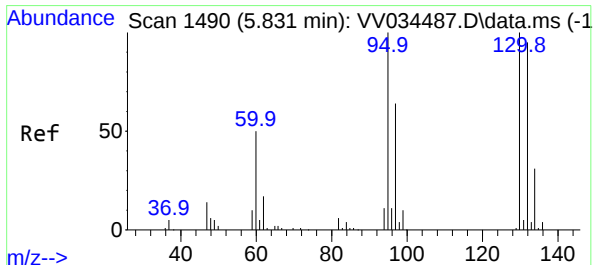
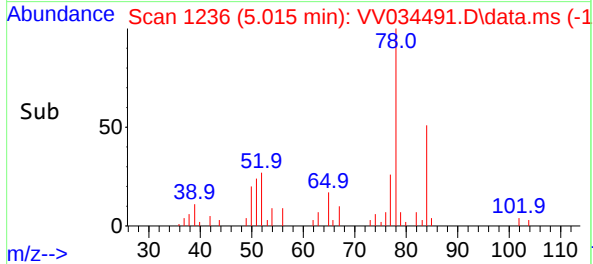
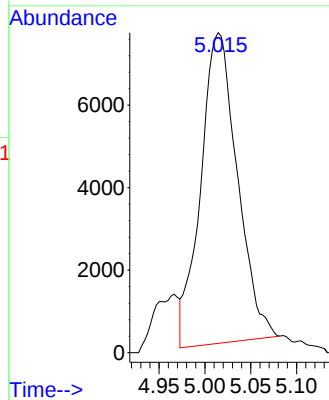
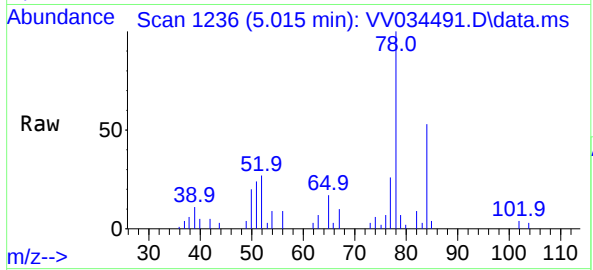
#33
Benzene
Concen: 2.319 ug/L
RT: 5.015 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 78 Resp: 20928

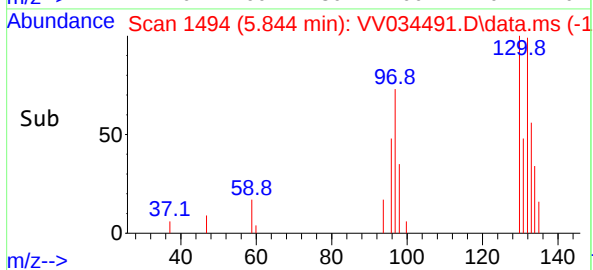
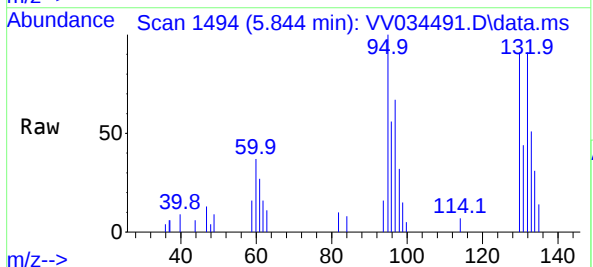
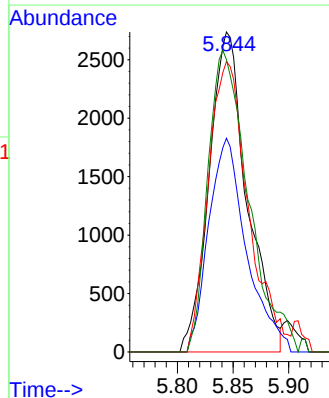
Manual Integrations
APPROVED

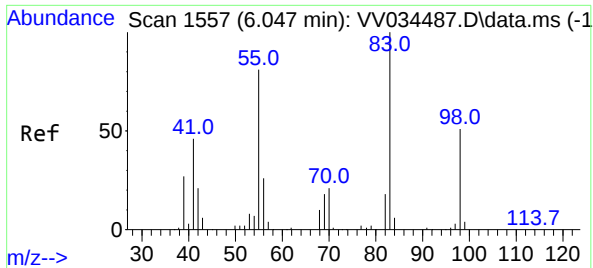
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#34
Trichloroethene
Concen: 2.523 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 95 Resp: 6473
Ion Ratio Lower Upper
95 100
97 66.8 44.7 83.1
132 90.8 65.3 121.3
130 91.3 69.1 128.3





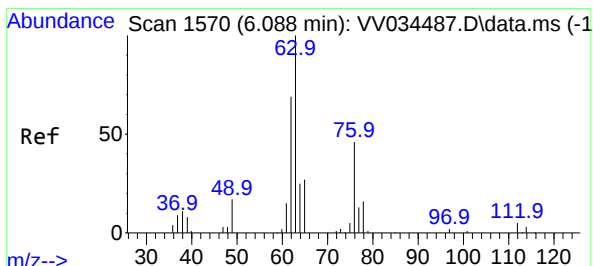
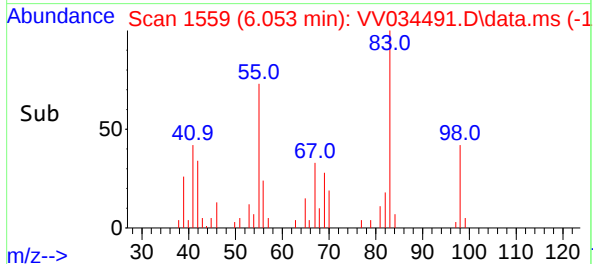
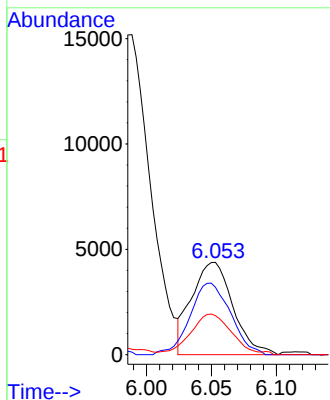
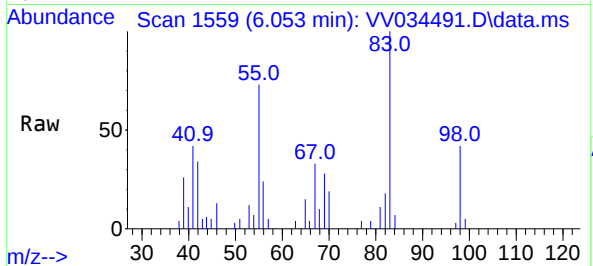
#35
Methylcyclohexane
Concen: 2.483 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT1-2024-02

Tgt Ion: 83 Resp: 968
Ion Ratio Lower Upper
83 100
55 76.2 62.6 94.0
98 43.7 39.5 59.3

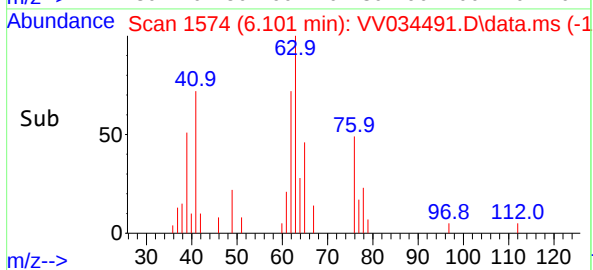
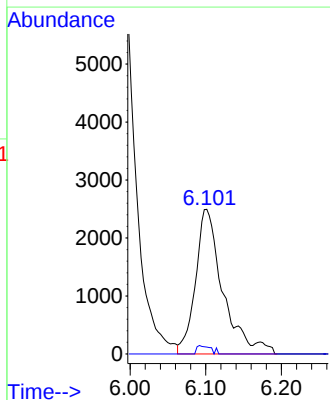
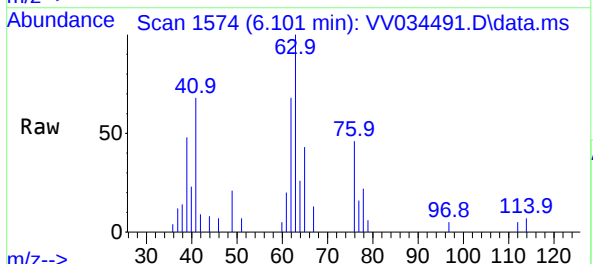
Manual Integrations
APPROVED

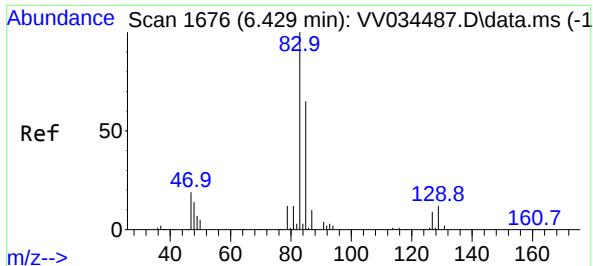
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#37
1,2-Dichloropropane
Concen: 2.652 ug/L m
RT: 6.101 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

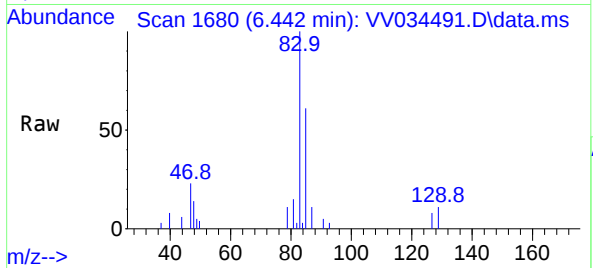
Tgt Ion: 63 Resp: 6267
Ion Ratio Lower Upper
63 100
112 2.3 3.5 5.3#





#38
Bromodichloromethane
Concen: 2.340 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

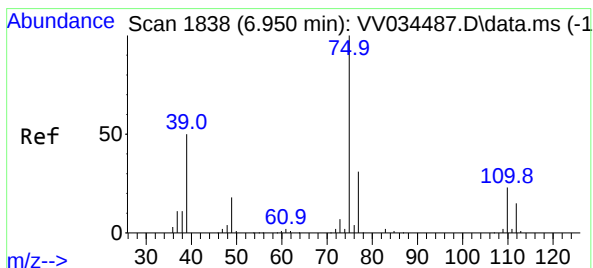
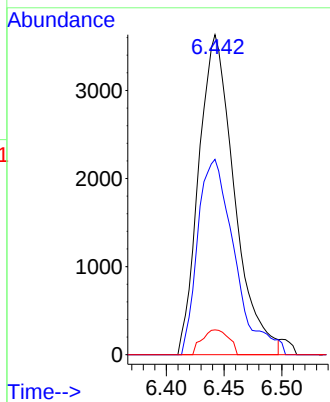
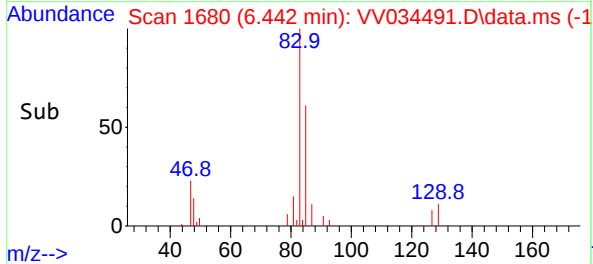
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 83 Resp: 7778
Ion Ratio Lower Upper
83 100
85 61.1 44.6 82.8
127 7.8 6.9 10.3

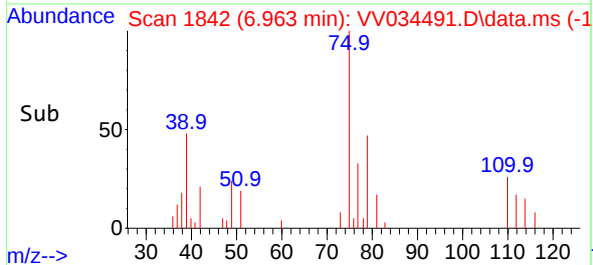
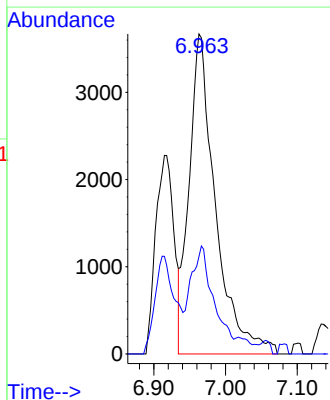
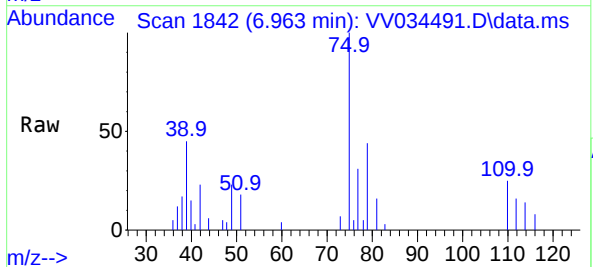
Manual Integrations
APPROVED

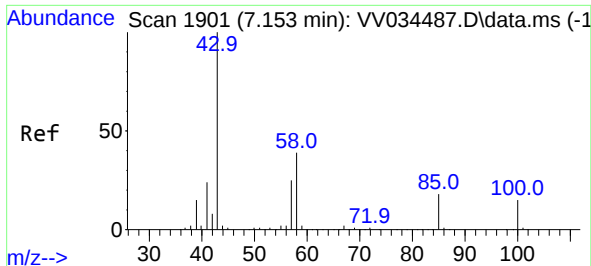
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#39
cis-1,3-Dichloropropene
Concen: 2.451 ug/L m
RT: 6.963 min Scan# 1842
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

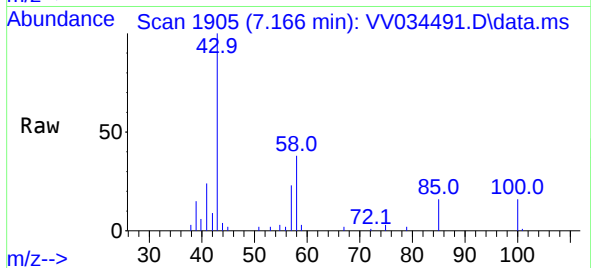
Tgt Ion: 75 Resp: 9383
Ion Ratio Lower Upper
75 100
77 30.5 20.9 38.9





#40
4-Methyl-2-pentanone
Concen: 4.586 ug/L
RT: 7.166 min Scan# 1905
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

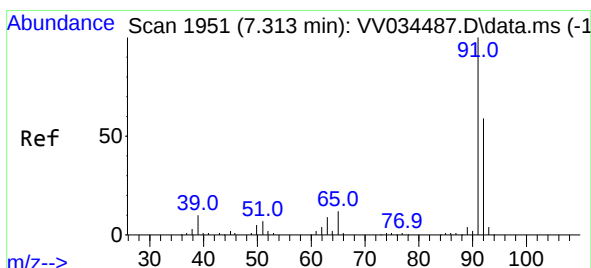
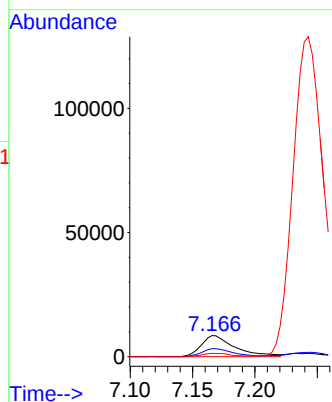
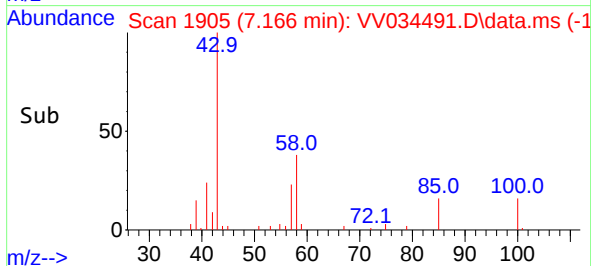
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 43 Resp: 15978
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0
100 13.6 12.5 18.7

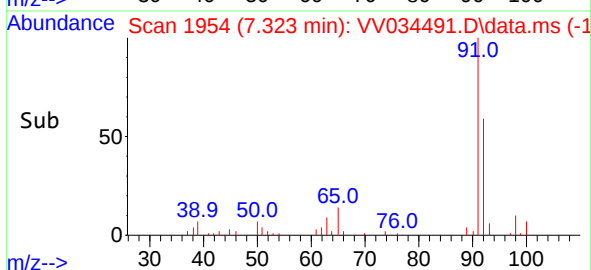
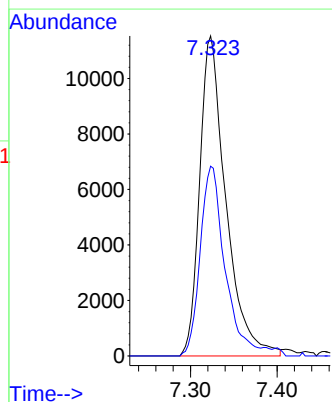
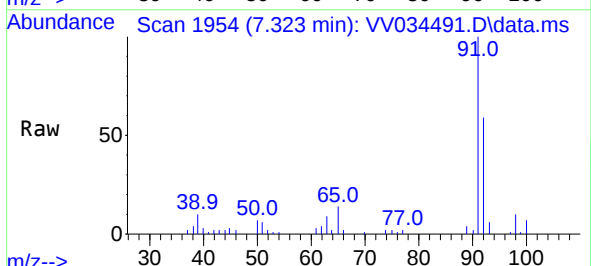
Manual Integrations
APPROVED

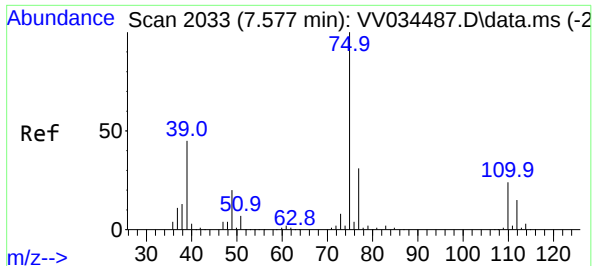
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#42
Toluene
Concen: 2.533 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

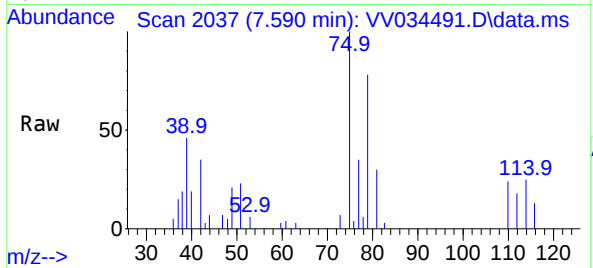
Tgt Ion: 91 Resp: 24193
Ion Ratio Lower Upper
91 100
92 59.3 40.5 75.1





#44
trans-1,3-Dichloropropene
Concen: 2.287 ug/L m
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

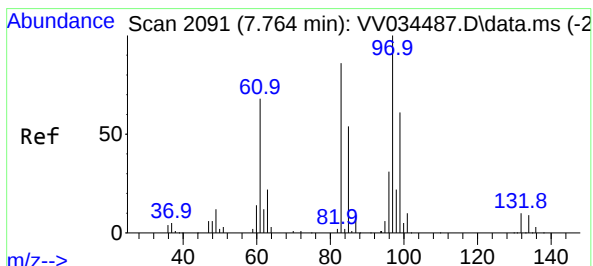
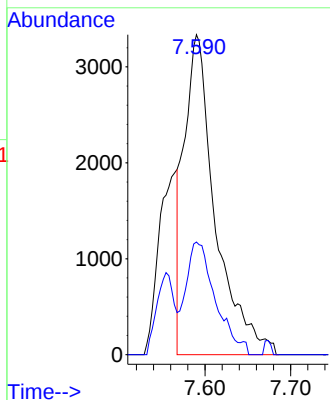
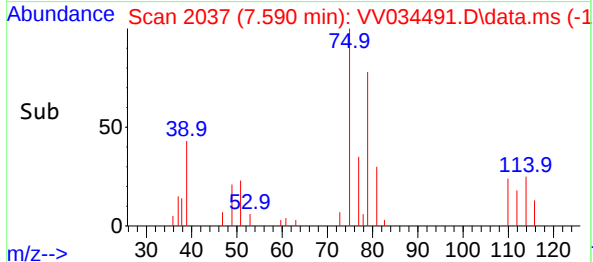
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



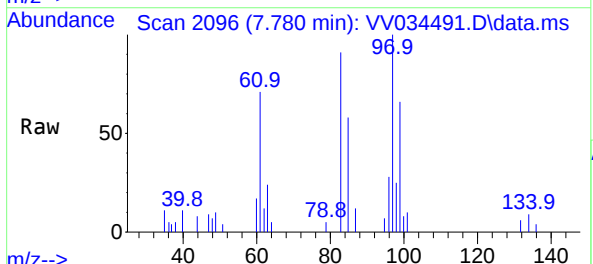
Tgt Ion: 75 Resp: 842
Ion Ratio Lower Upper
75 100
77 35.2 21.8 40.4

Manual Integrations
APPROVED

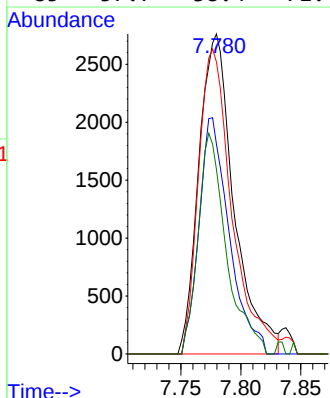
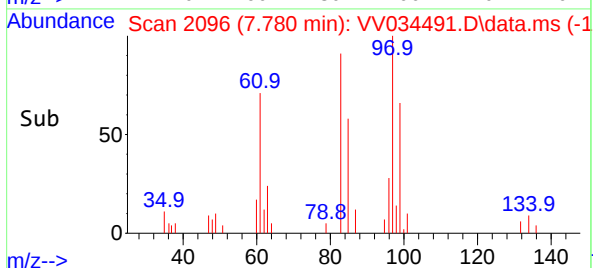
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

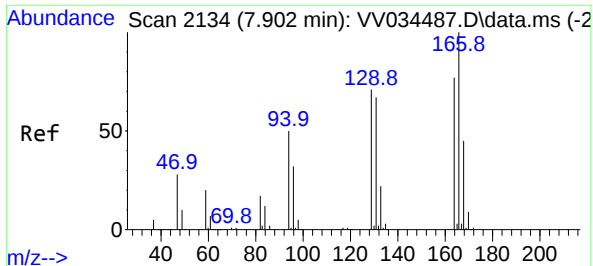


#45
1,1,2-Trichloroethane
Concen: 2.469 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.016 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01



Tgt Ion: 97 Resp: 5628
Ion Ratio Lower Upper
97 100
99 65.6 43.8 81.4
83 91.2 59.4 110.2
85 57.7 38.4 71.4





#46

Tetrachloroethene

Concen: 2.510 ug/L

RT: 7.908 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2024-02

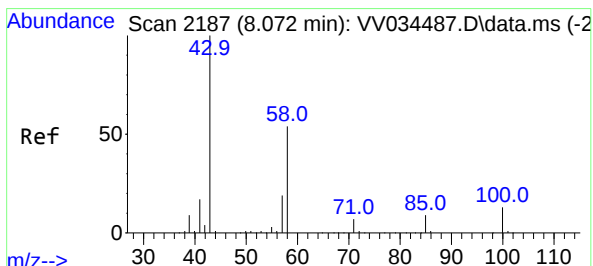
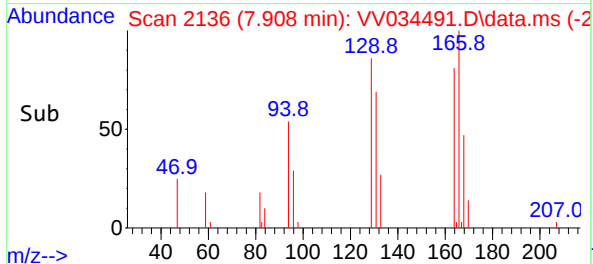
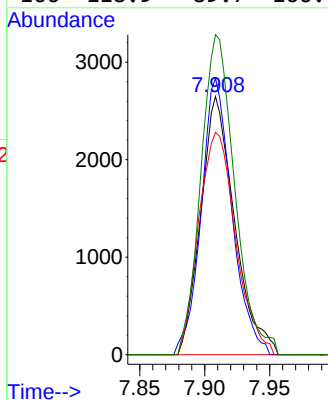
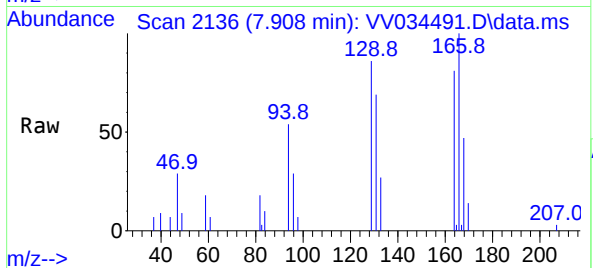
Tgt Ion:164 Resp: 4789

Ion	Ratio	Lower	Upper
164	100		
129	102.6	65.7	121.9
131	82.6	62.2	115.6
166	118.9	89.7	166.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#48

2-Hexanone

Concen: 6.570 ug/L m

RT: 8.088 min Scan# 2192

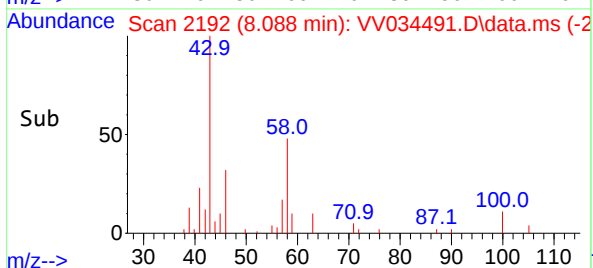
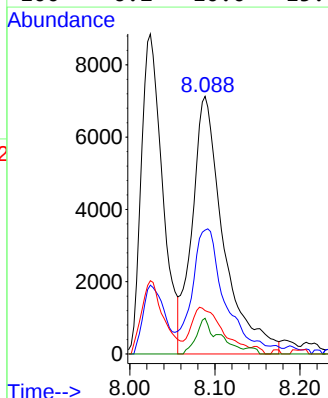
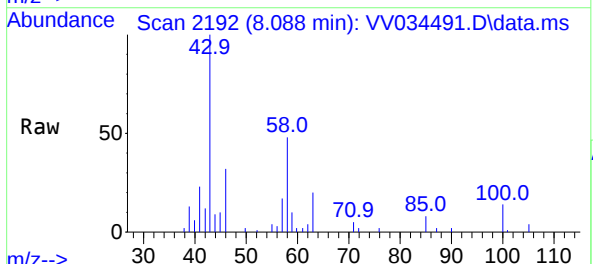
Delta R.T. 0.016 min

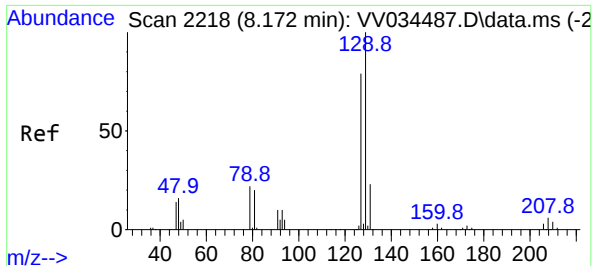
Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Tgt Ion: 43 Resp: 18239

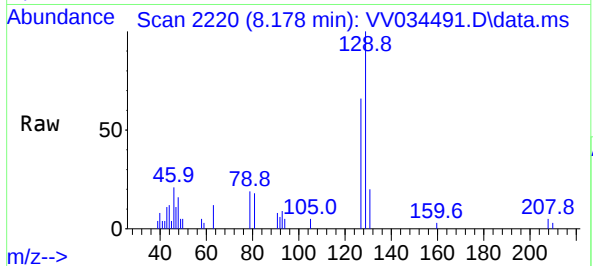
Ion	Ratio	Lower	Upper
43	100		
58	41.7	42.0	63.0#
57	18.2	15.2	22.8
100	6.2	10.0	15.0#





#49
Dibromochloromethane
Concen: 2.372 ug/L
RT: 8.178 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

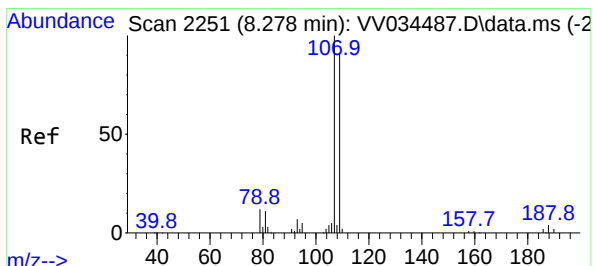
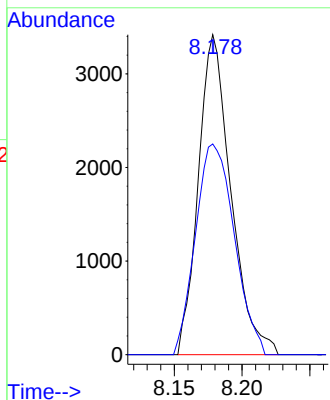
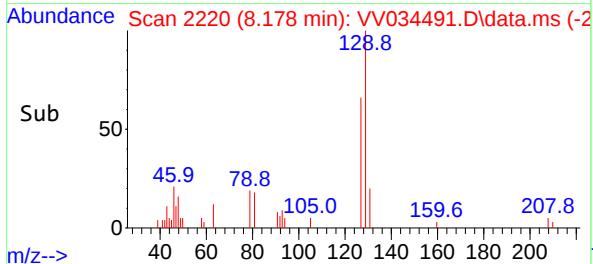
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



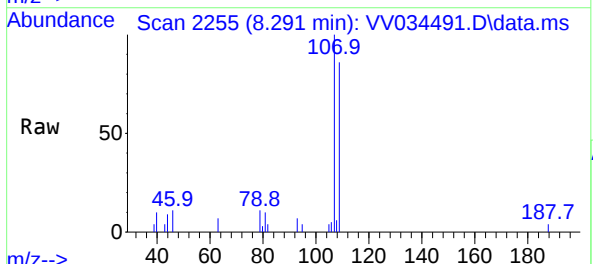
Tgt Ion:129 Resp: 570
Ion Ratio Lower Upper
129 100
127 65.9 53.3 98.9

Manual Integrations
APPROVED

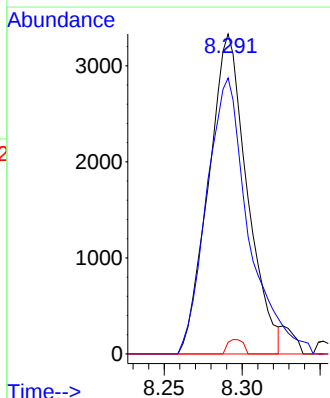
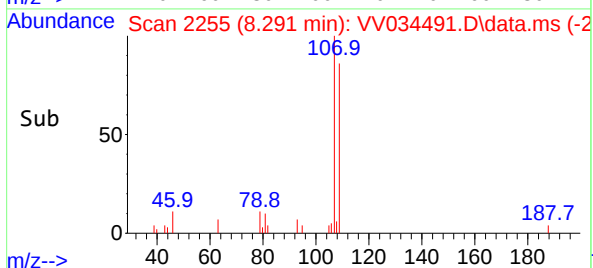
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

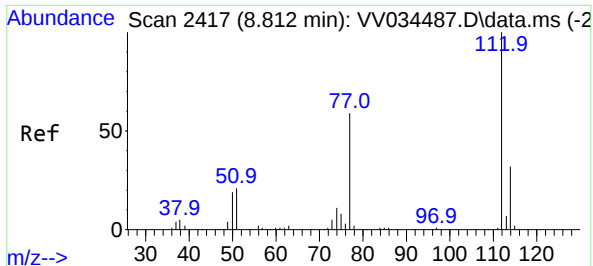


#50
1,2-Dibromoethane
Concen: 2.365 ug/L
RT: 8.291 min Scan# 2255
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01



Tgt Ion:107 Resp: 5722
Ion Ratio Lower Upper
107 100
109 86.3 66.5 123.5
188 3.6 3.4 5.2





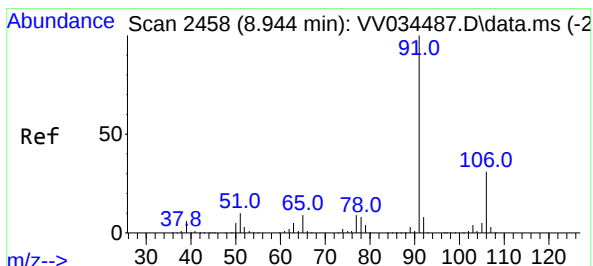
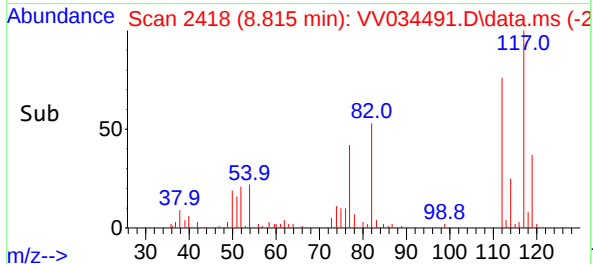
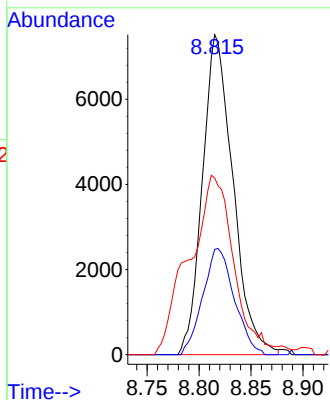
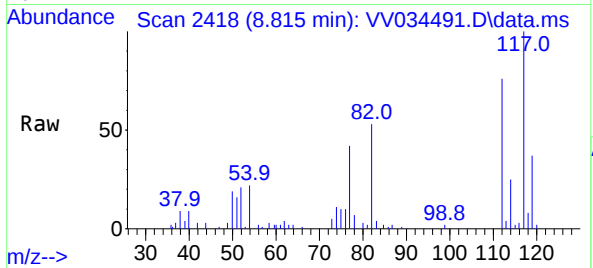
#51
Chlorobenzene
Concen: 2.486 ug/L
RT: 8.815 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:112 Resp: 1535
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.5
77 55.3 47.7 71.5

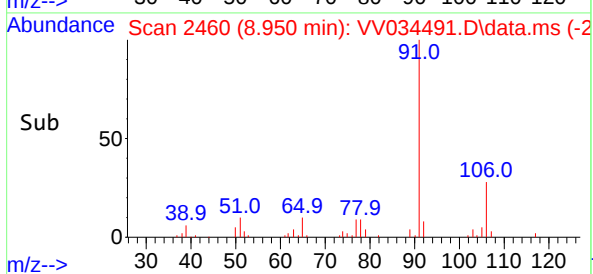
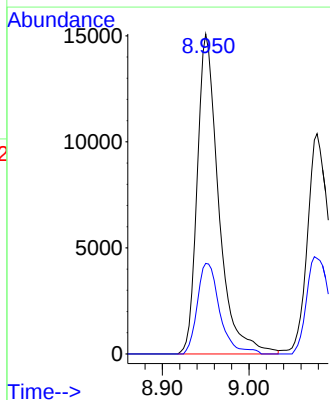
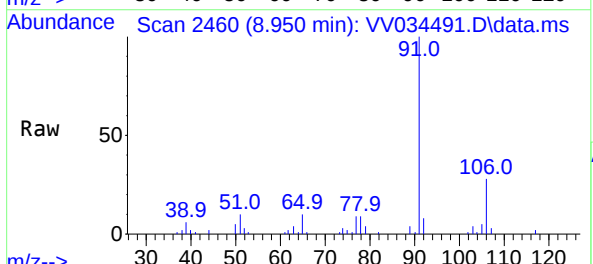
Manual Integrations
APPROVED

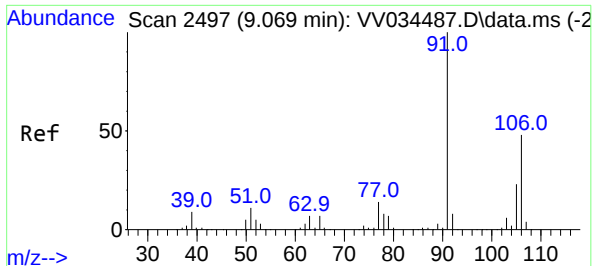
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#52
Ethylbenzene
Concen: 2.427 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 91 Resp: 25969
Ion Ratio Lower Upper
91 100
106 28.3 21.3 39.5





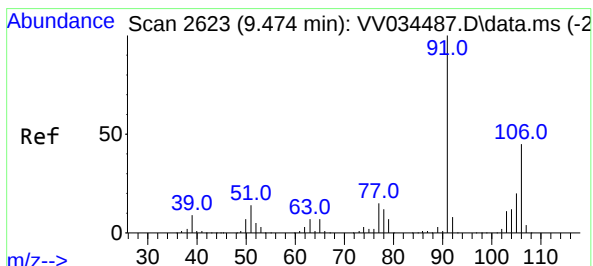
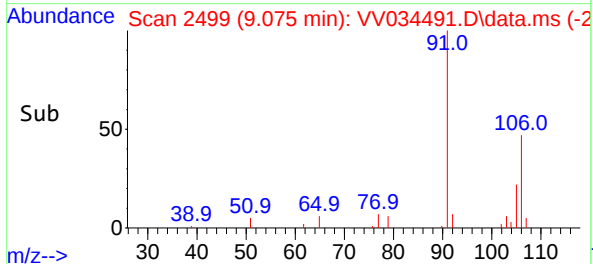
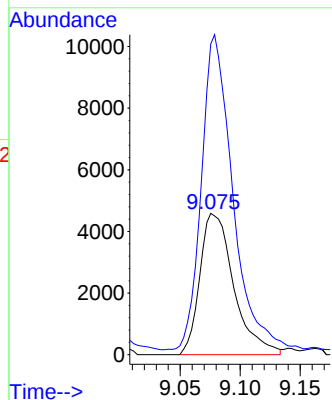
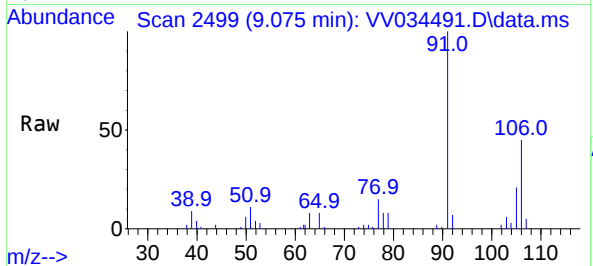
#53
m,p-Xylene
Concen: 2.225 ug/L
RT: 9.075 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:106 Resp: 9030
Ion Ratio Lower Upper
106 100
91 220.0 145.3 269.9

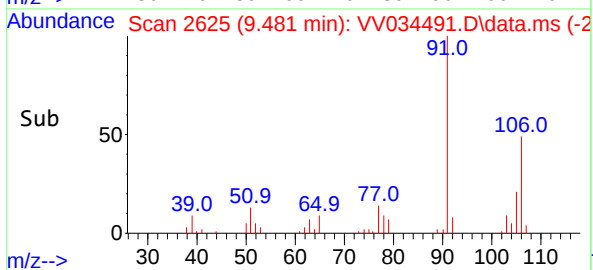
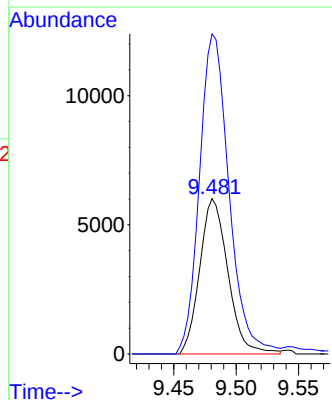
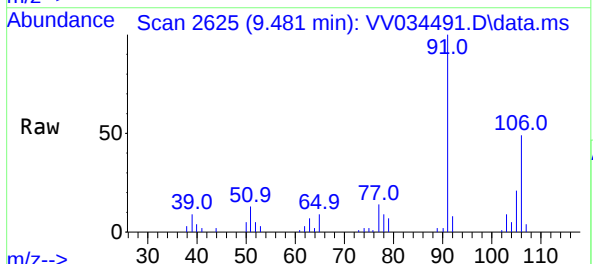
Manual Integrations
APPROVED

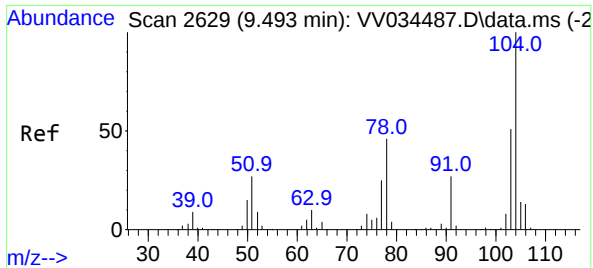
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#54
o-Xylene
Concen: 2.381 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:106 Resp: 9467
Ion Ratio Lower Upper
106 100
91 206.1 152.2 282.7





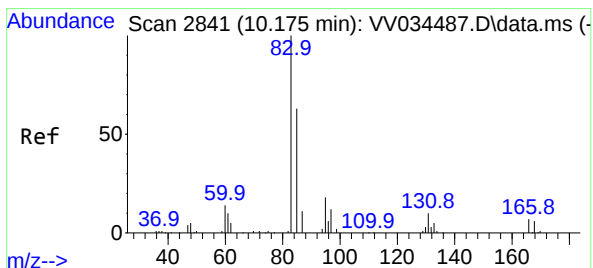
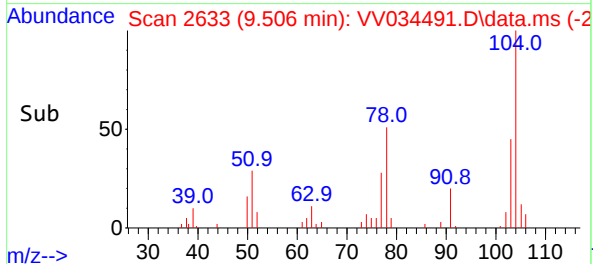
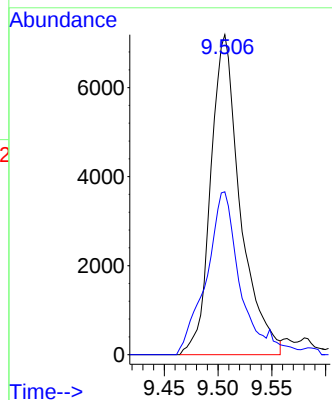
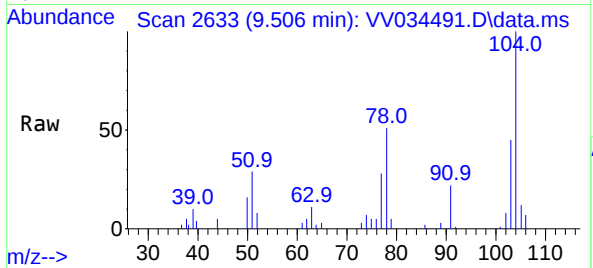
#55
Styrene
Concen: 2.039 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:104 Resp: 1373
Ion Ratio Lower Upper
104 100
78 50.9 33.0 61.4

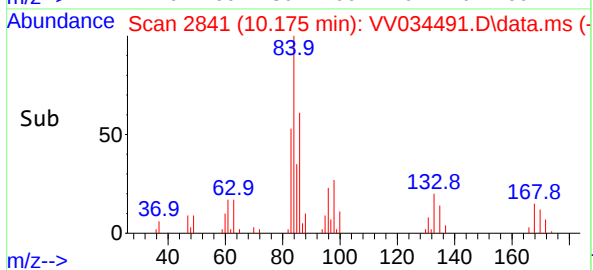
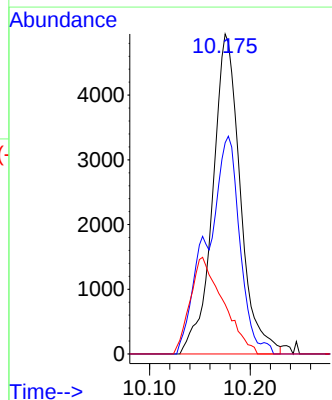
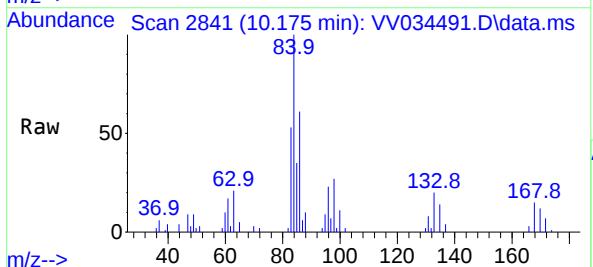
Manual Integrations
APPROVED

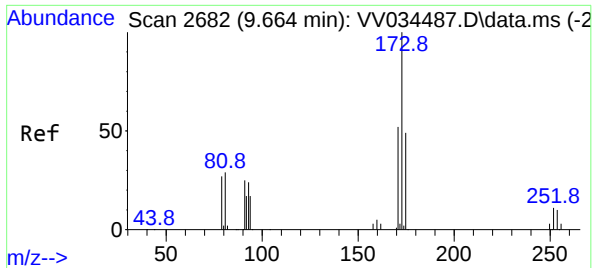
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 2.753 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 83 Resp: 9425
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.2
131 15.5 8.3 12.5





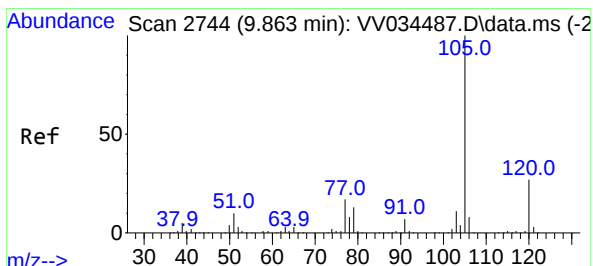
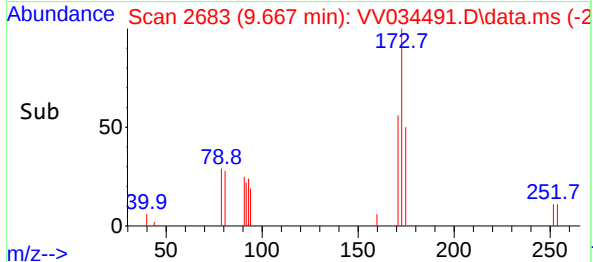
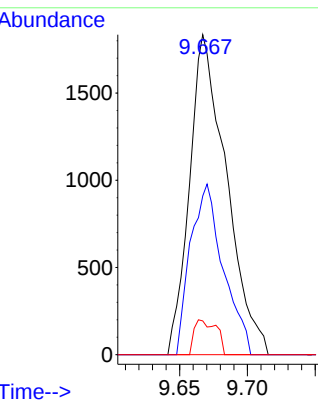
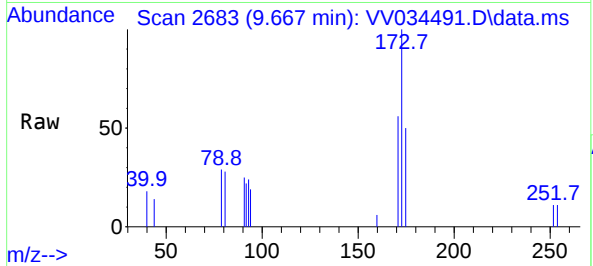
#59
Bromoform
Concen: 2.239 ug/L
RT: 9.667 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:173 Resp: 347
Ion Ratio Lower Upper
173 100
175 47.2 39.1 58.7
254 3.9 7.8 11.8

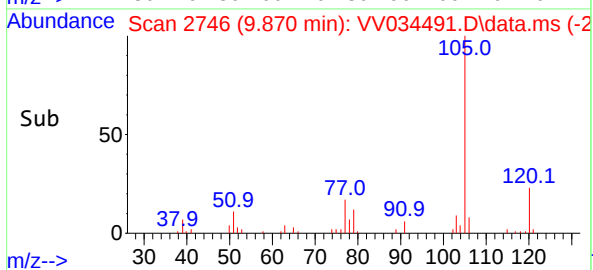
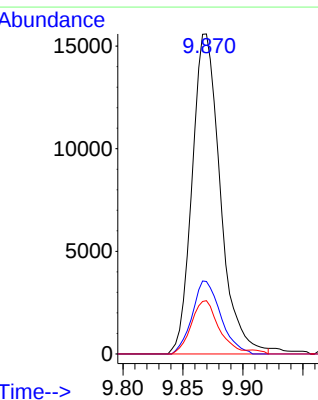
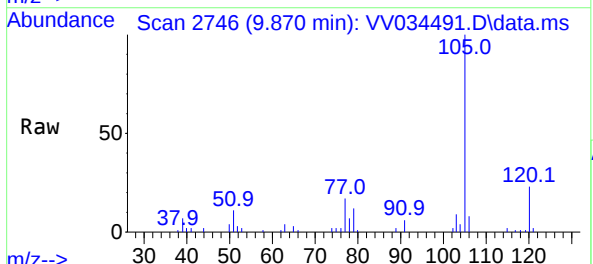
Manual Integrations
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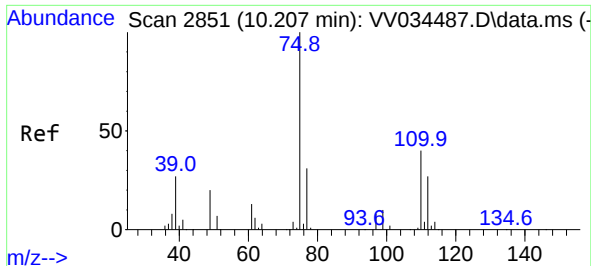
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#60
Isopropylbenzene
Concen: 2.572 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:105 Resp: 25437
Ion Ratio Lower Upper
105 100
120 23.1 20.8 31.2
77 16.3 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 2.794 ug/L

RT: 10.210 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

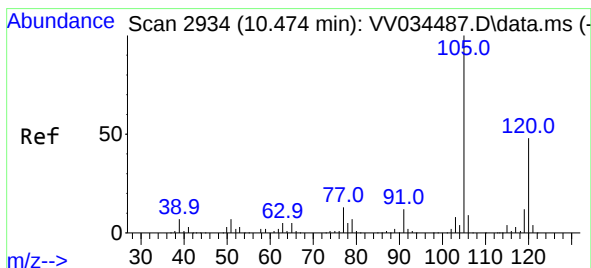
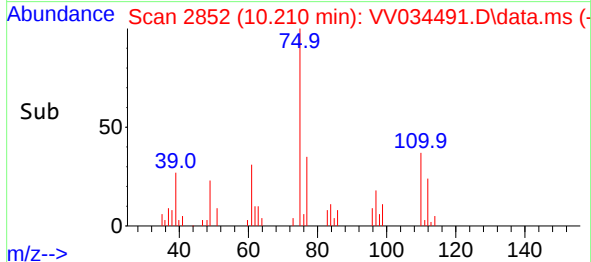
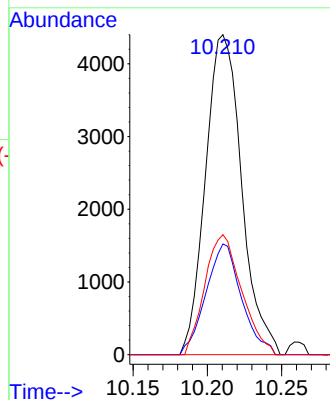
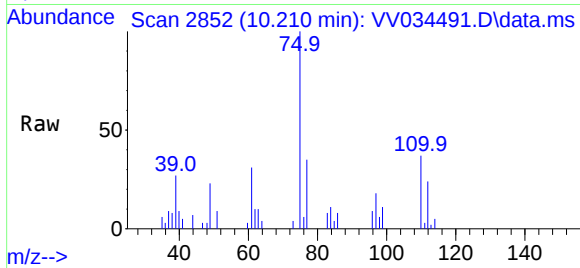
MDL-WATER-QT1-2024-02

Tgt Ion:	75	Resp:	745
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.9	38.9
110	38.2	33.1	49.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#62

1,3,5-Trimethylbenzene

Concen: 2.392 ug/L

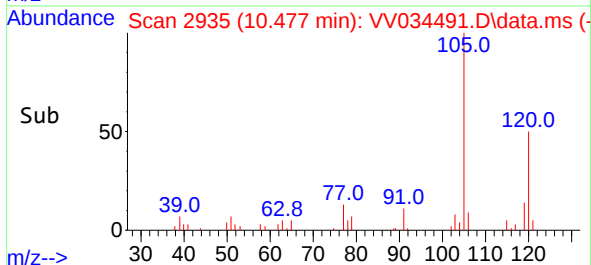
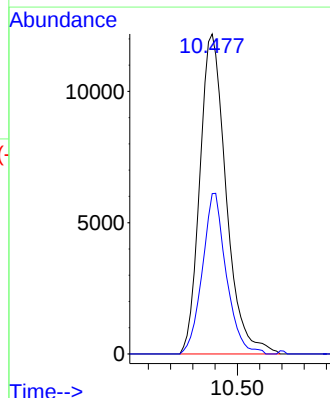
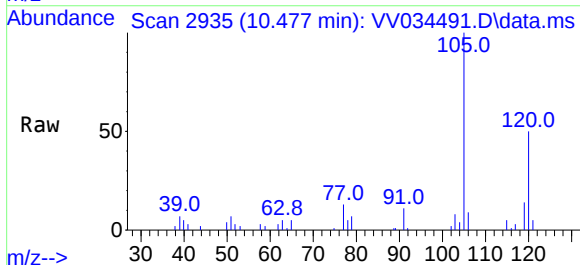
RT: 10.477 min Scan# 2935

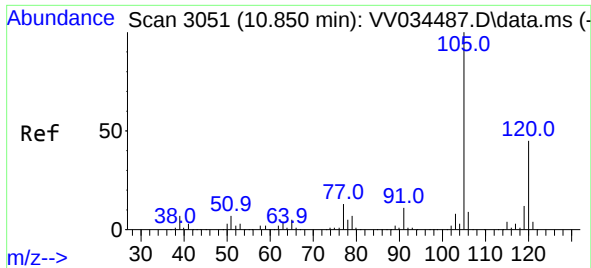
Delta R.T. 0.003 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Tgt Ion:	105	Resp:	19958
Ion	Ratio	Lower	Upper
105	100		
120	45.8	38.2	57.2





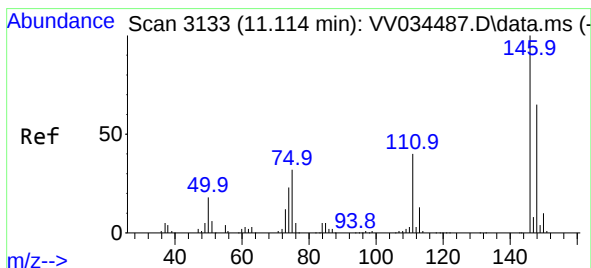
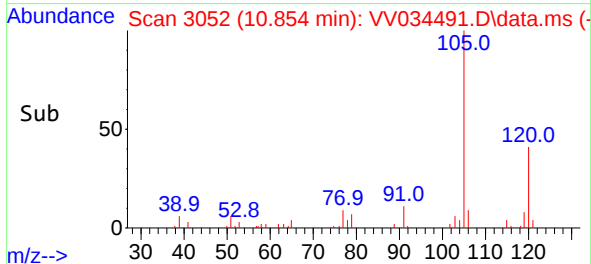
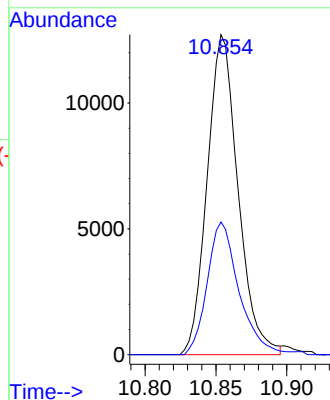
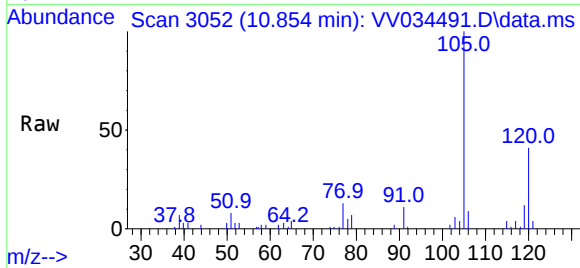
#63
1,2,4-Trimethylbenzene
Concen: 2.332 ug/L
RT: 10.854 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:105 Resp: 19245
Ion Ratio Lower Upper
105 100
120 42.7 36.2 54.4

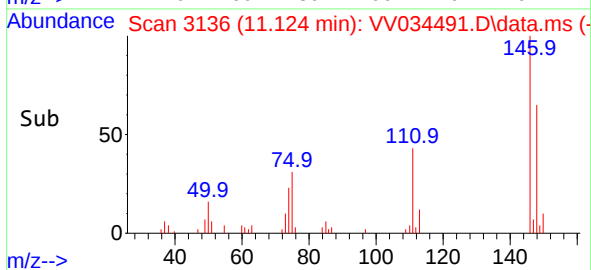
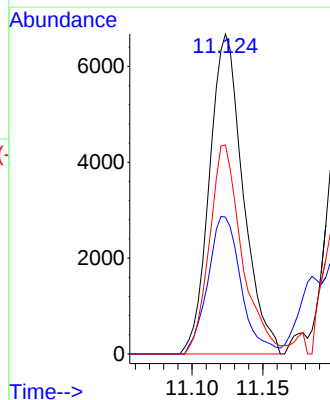
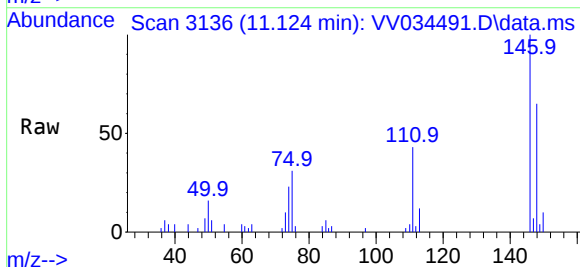
Manual Integrations
APPROVED

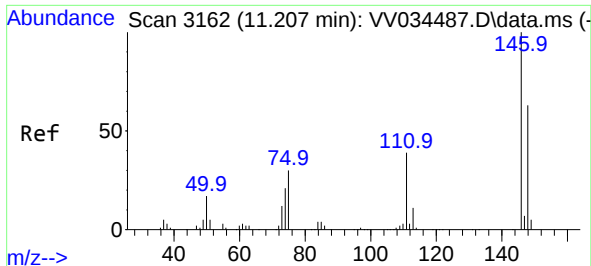
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#64
1,3-Dichlorobenzene
Concen: 2.407 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

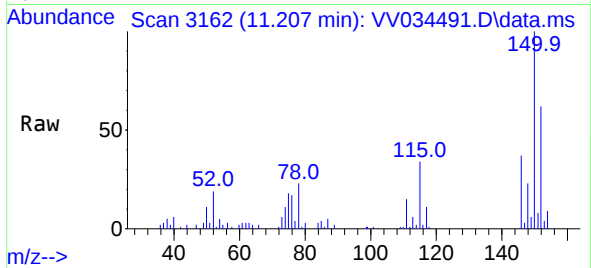
Tgt Ion:146 Resp: 11005
Ion Ratio Lower Upper
146 100
111 42.8 27.9 51.7
148 65.3 44.2 82.0





#65
1,4-Dichlorobenzene
Concen: 2.545 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

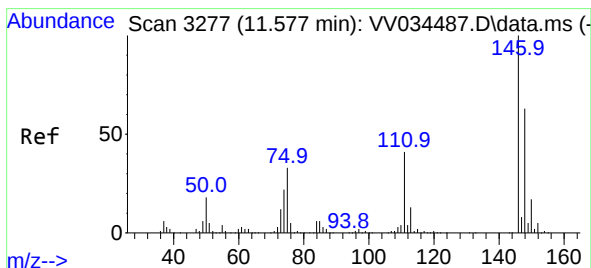
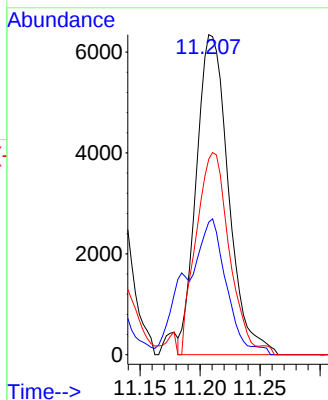
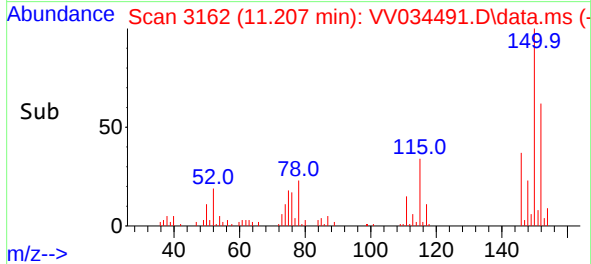
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



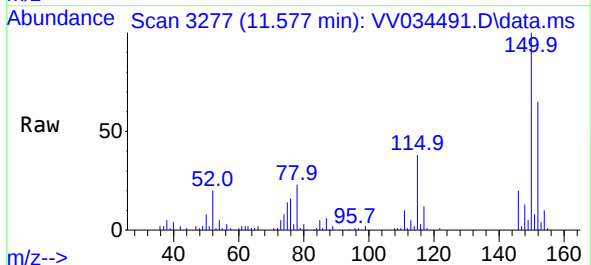
Tgt Ion:146 Resp: 11818
Ion Ratio Lower Upper
146 100
111 41.4 26.5 49.1
148 61.1 44.0 81.8

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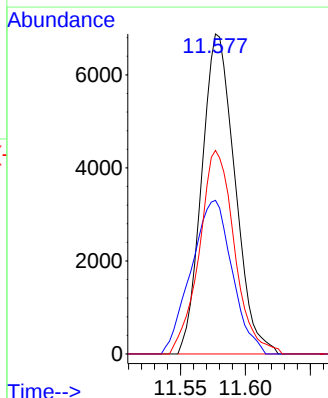
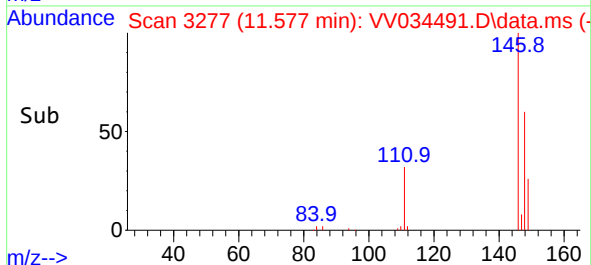
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

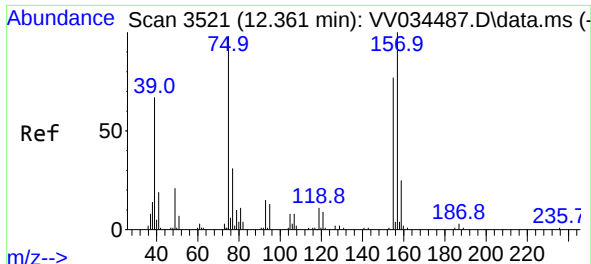


#67
1,2-Dichlorobenzene
Concen: 2.662 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01



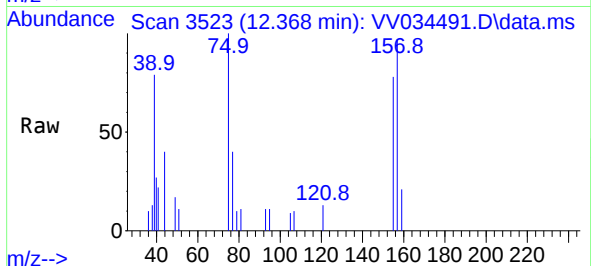
Tgt Ion:146 Resp: 12199
Ion Ratio Lower Upper
146 100
111 48.0 33.8 50.8
148 63.6 51.3 76.9





#68
1,2-Dibromo-3-chloropropane
Concen: 2.124 ug/L
RT: 12.368 min Scan# 3521
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

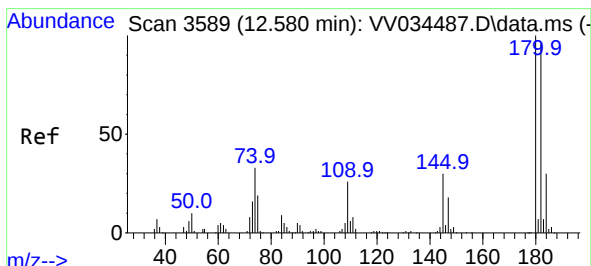
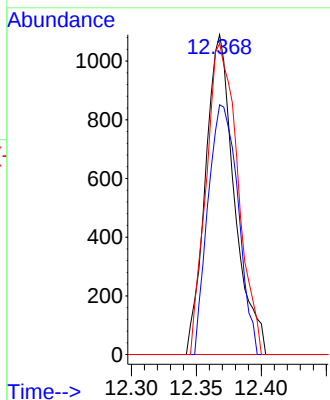
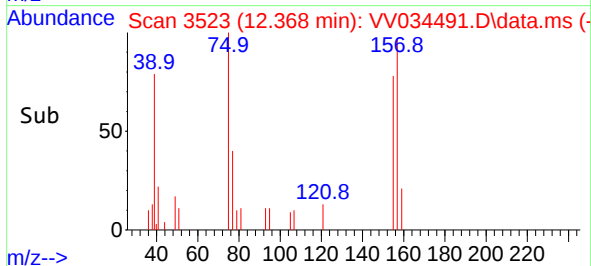
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT1-2024-02



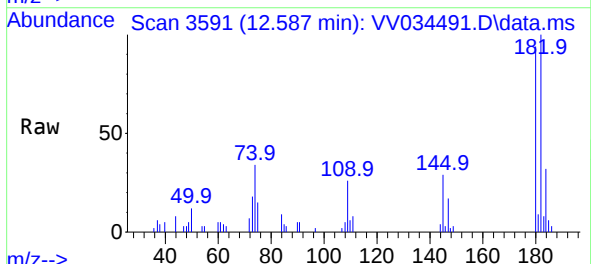
Tgt Ion: 75 Resp: 1689
Ion Ratio Lower Upper
75 100
155 78.1 63.3 94.9
157 97.2 81.4 122.0

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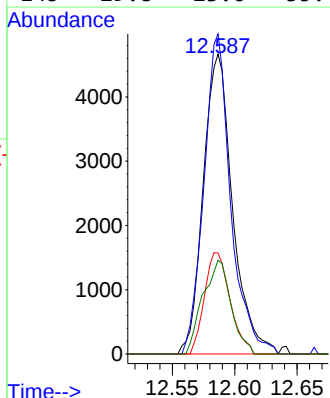
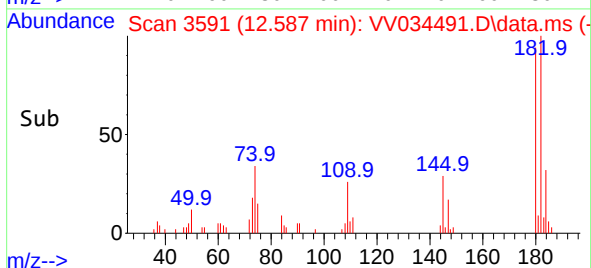
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

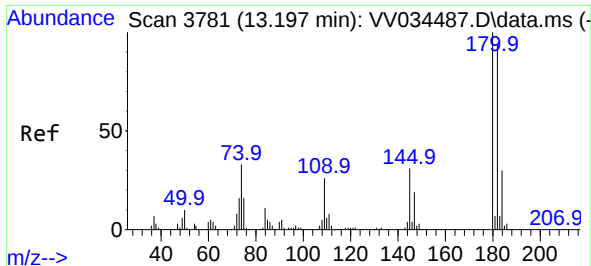


#69
1,3,5-Trichlorobenzene
Concen: 2.227 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01



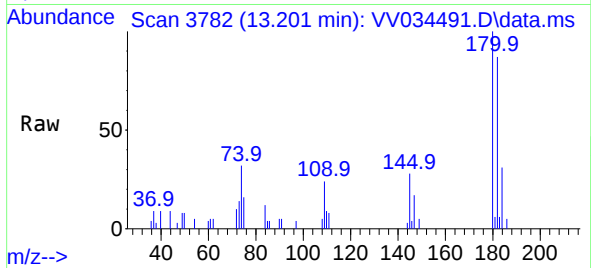
Tgt Ion:180 Resp: 7641
Ion Ratio Lower Upper
180 100
182 97.6 74.6 112.0
184 29.6 23.6 35.4
145 29.8 23.6 35.4





#70
1,2,4-trichlorobenzene
Concen: 2.171 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

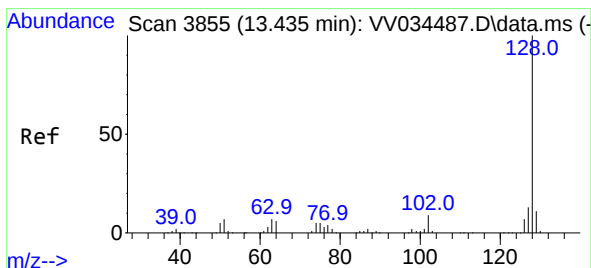
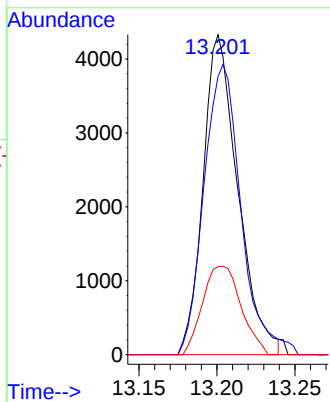
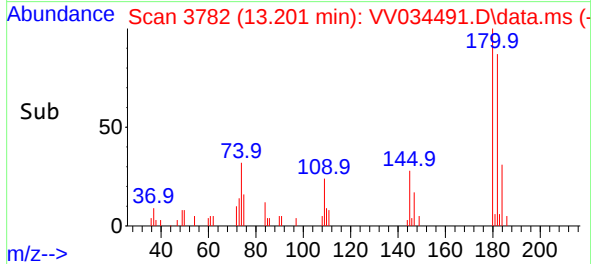
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



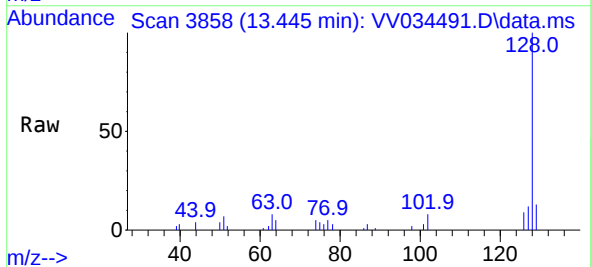
Tgt Ion:180 Resp: 6700
Ion Ratio Lower Upper
180 100
182 96.8 74.8 112.2
145 30.6 24.2 36.4

Manual Integrations
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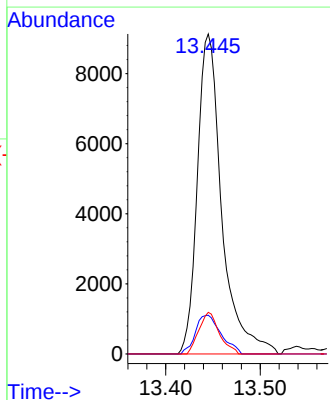
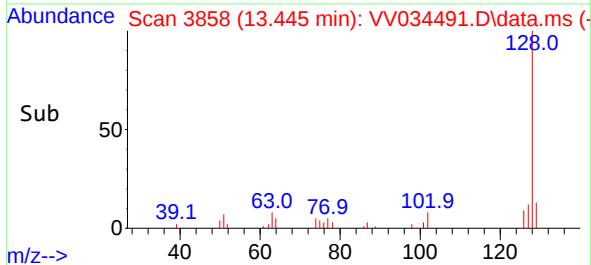
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

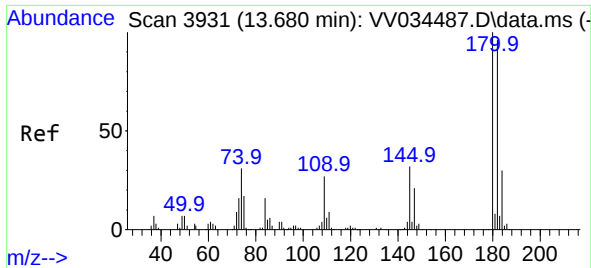


#71
Naphthalene
Concen: 1.985 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01



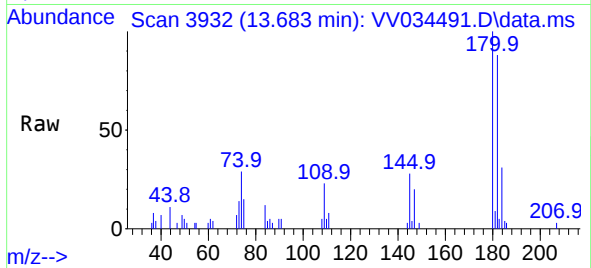
Tgt Ion:128 Resp: 16390
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.287 ug/L
RT: 13.683 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion:180 Resp: 688
Ion Ratio Lower Upper
180 100
182 94.0 75.9 113.9
145 29.3 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

