

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024723.D
 Acq On : 17 Feb 2022 15:40
 Operator : SY/MD
 Sample : N1331-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 18 07:42:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Semsettin Yesilyurt 02/18/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	172375	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	159439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70718	4.837	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.571	69	58432	4.872	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.111	63	97702	3.647	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.899	46	103749	49.679	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.360%	
24) Chloroform-d	4.352	84	106424	4.665	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.034	65	50905	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.053	84	228129	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.069	67	69302	5.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.317	98	201235	4.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.625	79	21088	4.677	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.088	63	83922	47.297	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.600%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38773	4.753	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61315	4.959	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	3452	0.205	ug/L	100
3) Chloromethane	1.243	50	3740	0.223	ug/L	98
5) Vinyl chloride	1.310	62	4366	0.237	ug/L #	66
6) Bromomethane	1.523	94	2616	0.238	ug/L	92
8) Chloroethane	1.587	64	2793	0.246	ug/L	99
9) Trichlorofluoromethane	1.757	101	5401	0.223	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	3936	0.280	ug/L #	84
12) 1,1-Dichloroethene	2.117	96	3754	0.280	ug/L #	1
13) Acetone	2.188	43	3390	2.302	ug/L	70
14) Carbon disulfide	2.297	76	8631	0.229	ug/L	96
15) Methyl Acetate	2.442	43	329	0.085	ug/L #	73
16) Methylene chloride	2.510	84	6781	0.513	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	5655	0.214	ug/L #	96
18) trans-1,2-Dichloroethene	2.764	96	2680	0.204	ug/L	87
19) 1,1-Dichloroethane	3.198	63	5222	0.218	ug/L	97
21) 2-Butanone	4.014	43	5602m	2.461	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	3108	0.224	ug/L	83
23) Bromochloromethane	4.268	128	1118	0.209	ug/L	88
25) Chloroform	4.378	83	8947	0.357	ug/L	96

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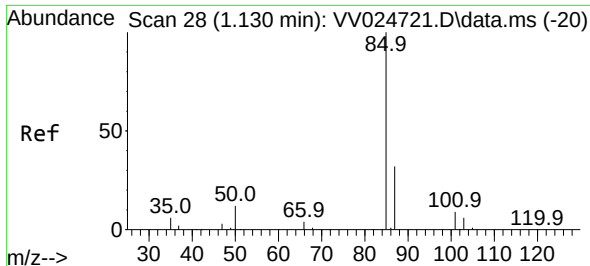
Quant Time: Feb 18 07:42:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
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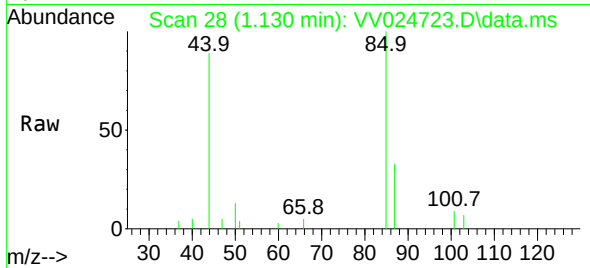
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.143	62	2967	0.222	ug/L #	73	02/18/2022
29) 1,1,1-Trichloroethane	4.612	97	4619	0.216	ug/L	97	Supervised By : Semsettin Yesilyurt
30) Cyclohexane	4.674	56	4530	0.209	ug/L	91	
31) Carbon tetrachloride	4.834	117	3695	0.205	ug/L	93	
33) Benzene	5.104	78	11011	0.204	ug/L	100	
34) Trichloroethene	5.924	95	3300	0.231	ug/L	95	
35) Methylcyclohexane	6.130	83	5061	0.219	ug/L	98	02/18/2022
37) 1,2-Dichloropropane	6.188	63	2758	0.216	ug/L #	86	
38) Bromodichloromethane	6.516	83	3585	0.223	ug/L #	98	
39) cis-1,3-Dichloropropene	7.040	75	3904	0.221	ug/L	97	
40) 4-Methyl-2-pentanone	7.233	43	11232	1.851	ug/L #	89	
42) Toluene	7.394	91	14917	0.260	ug/L	95	
44) trans-1,3-Dichloropropene	7.664	75	3243	0.229	ug/L	95	
45) 1,1,2-Trichloroethane	7.850	97	1791	0.216	ug/L	91	
47) Tetrachloroethene	7.979	164	2047	0.210	ug/L	82	
48) 2-Hexanone	8.146	43	16396	3.844	ug/L	91	
49) Dibromochloromethane	8.249	129	1863	0.202	ug/L	84	
50) 1,2-Dibromoethane	8.358	107	1792	0.237	ug/L #	83	
51) Chlorobenzene	8.882	112	8005	0.223	ug/L	92	
52) Ethylbenzene	9.014	91	13561	0.216	ug/L	97	
53) m,p-xylene	9.143	106	4742	0.200	ug/L	94	
54) o-xylene	9.545	106	4857	0.210	ug/L	82	
55) Styrene	9.567	104	7084	0.188	ug/L	92	
57) 1,1,2,2-Tetrachloroethane	10.239	83	1932	0.220	ug/L #	77	
59) Bromoform	9.734	173	731	0.202	ug/L #	91	
60) Isopropylbenzene	9.931	105	13284	0.225	ug/L	97	
61) 1,2,3-Trichloropropane	10.278	75	1381	0.213	ug/L	96	
62) 1,3,5-Trimethylbenzene	10.538	105	9779	0.198	ug/L	97	
63) 1,2,4-Trimethylbenzene	10.914	105	10129	0.207	ug/L	100	
64) 1,3-Dichlorobenzene	11.181	146	5400	0.217	ug/L	97	
65) 1,4-Dichlorobenzene	11.275	146	5858	0.235	ug/L	95	
67) 1,2-Dichlorobenzene	11.641	146	5261	0.239	ug/L	98	
68) 1,2-Dibromo-3-chloropr...	12.432	75	144	0.130	ug/L	89	
69) 1,3,5-Trichlorobenzene	12.648	180	3960	0.224	ug/L	99	
70) 1,2,4-trichlorobenzene	13.265	180	3215	0.231	ug/L	93	
71) Naphthalene	13.506	128	5566	0.235	ug/L	99	
72) 1,2,3-Trichlorobenzene	13.744	180	2712	0.233	ug/L	97	

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



#2
Dichlorodifluoromethane
Concen: 0.205 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

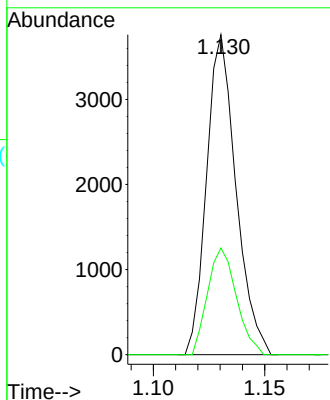
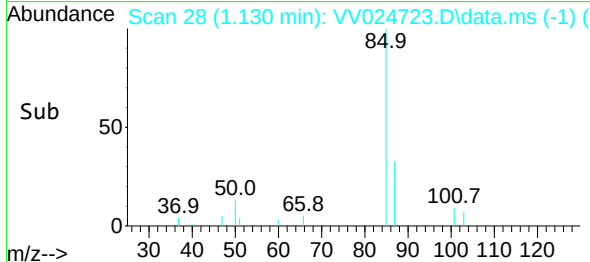
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 85 Resp: 3452
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9

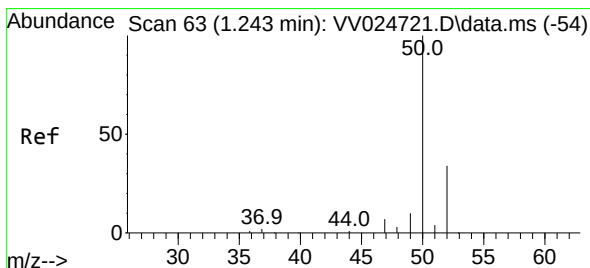
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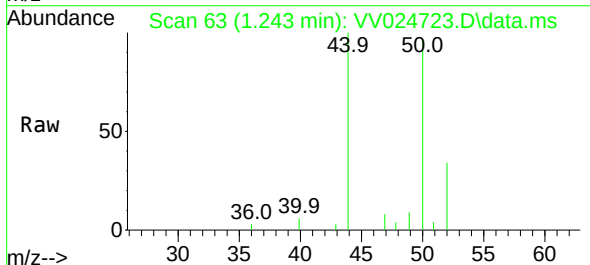


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Yesilyurt

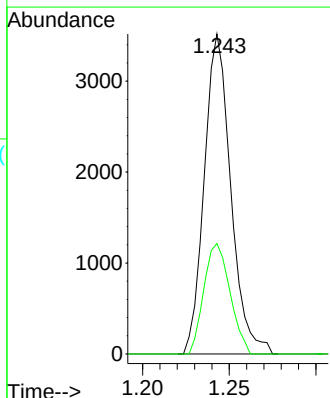
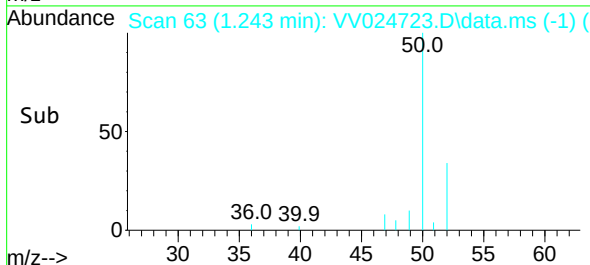
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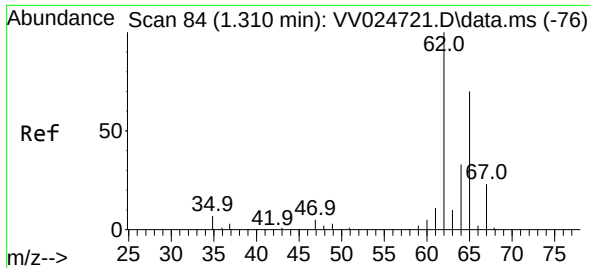


#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



Tgt Ion: 50 Resp: 3740
Ion Ratio Lower Upper
50 100
52 34.5 23.3 43.3





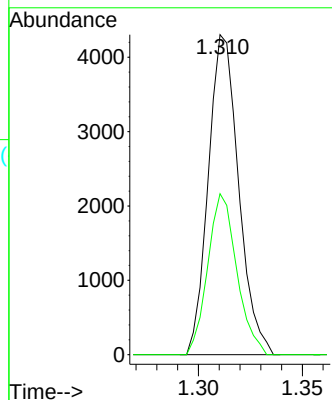
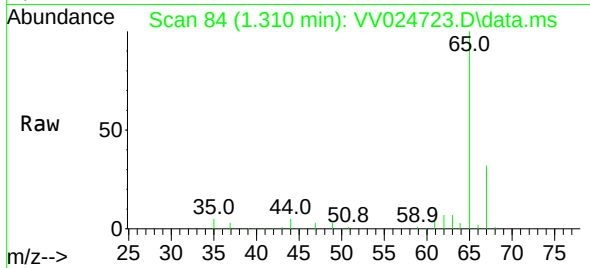
#5
 Vinyl chloride
 Concen: 0.237 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024723.D
 Acq: 17 Feb 2022 15:40

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Tgt Ion: 62 Resp: 4360
 Ion Ratio Lower Upper
 62 100
 64 50.3 22.2 41.2

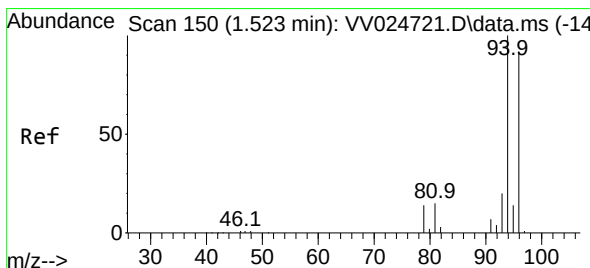
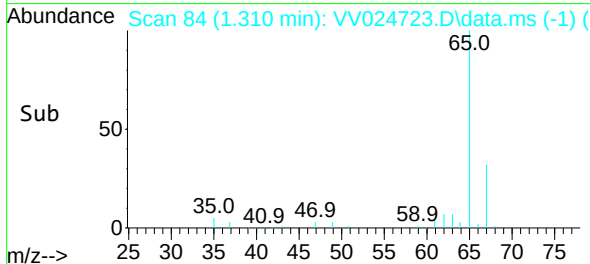
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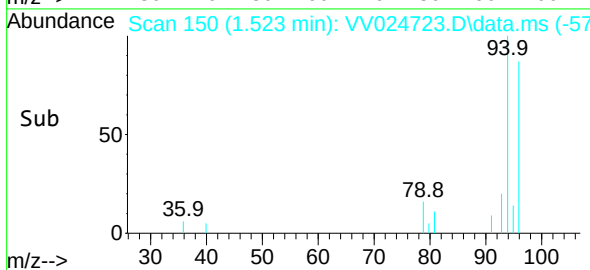
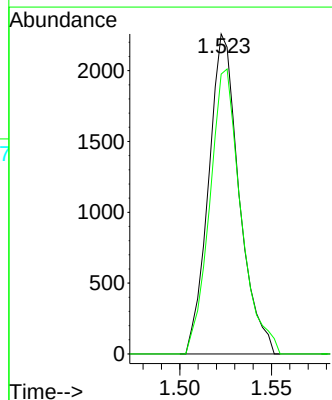
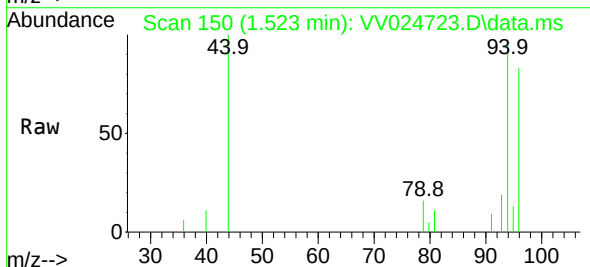
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 Yesilyurt

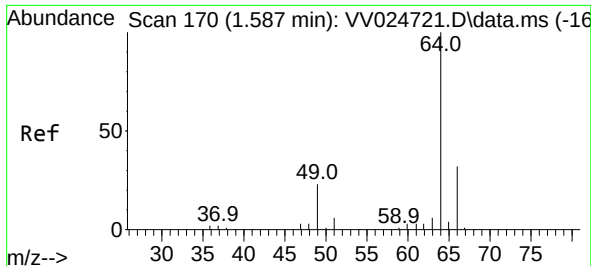
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#6
 Bromomethane
 Concen: 0.238 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024723.D
 Acq: 17 Feb 2022 15:40

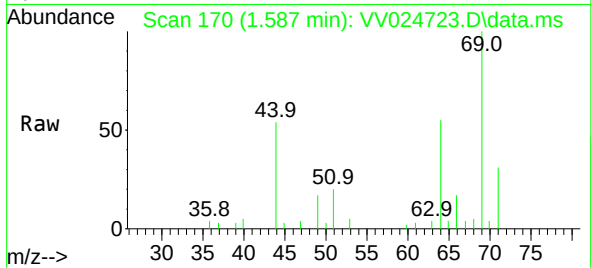
Tgt Ion: 94 Resp: 2616
 Ion Ratio Lower Upper
 94 100
 96 87.5 66.5 123.5





#8
Chloroethane
Concen: 0.246 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

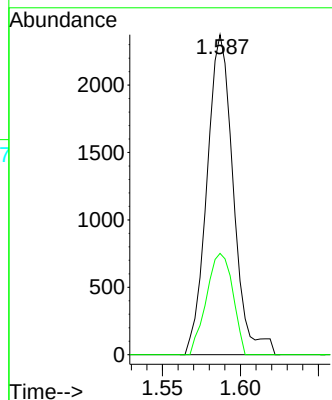
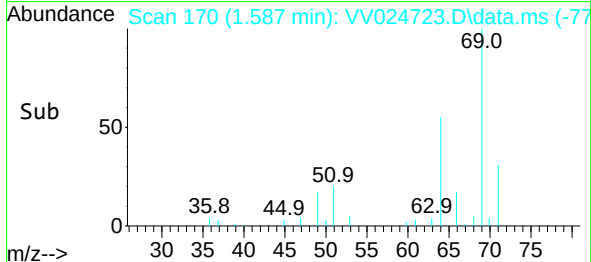
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9

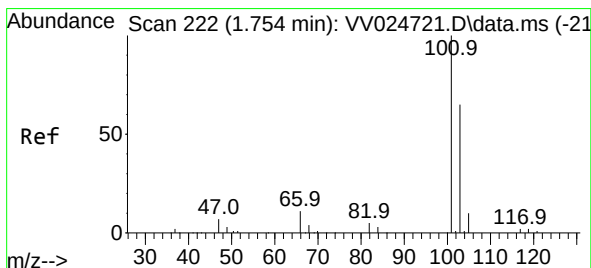
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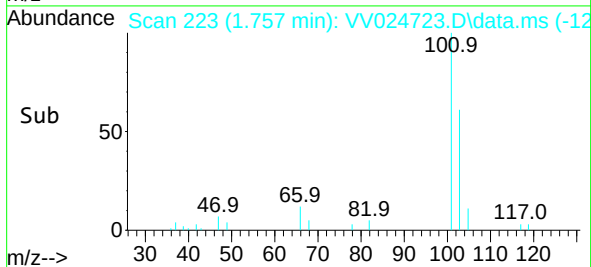
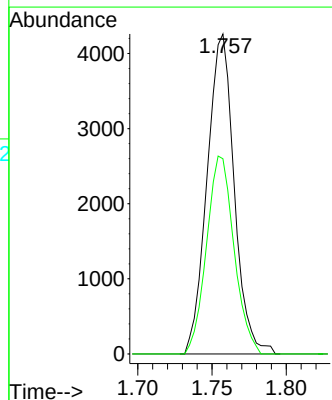
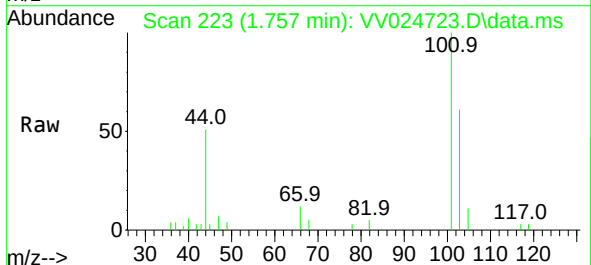
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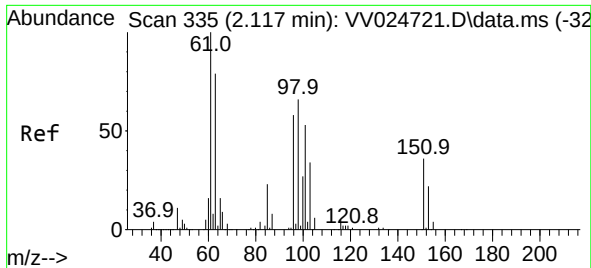
02/18/2022



#9
Trichlorofluoromethane
Concen: 0.223 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion:101 Resp: 5401
Ion Ratio Lower Upper
101 100
103 62.7 50.7 76.1





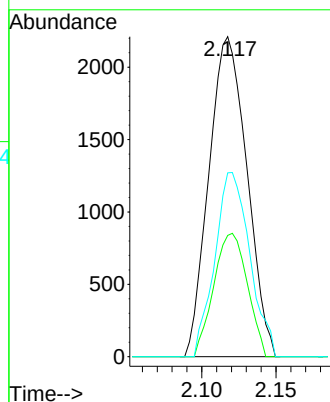
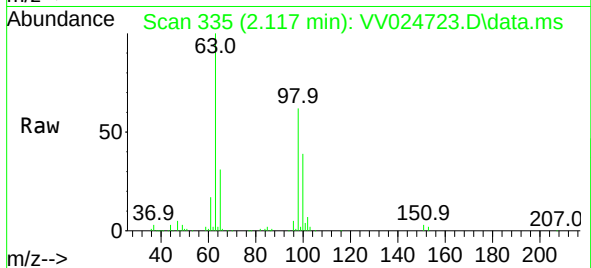
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.280 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion:101 Resp: 3930
Ion Ratio Lower Upper
101 100
85 34.1 34.7 52.1
151 53.0 53.5 80.3

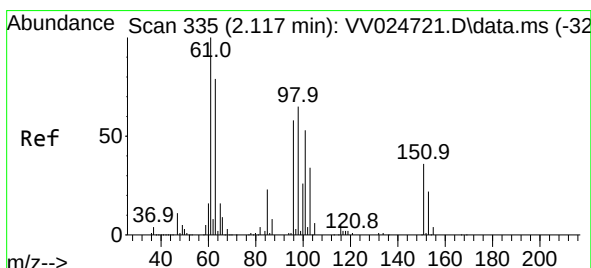
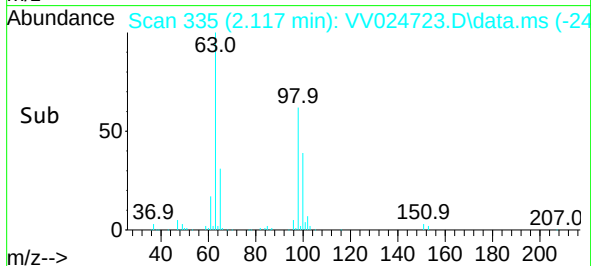
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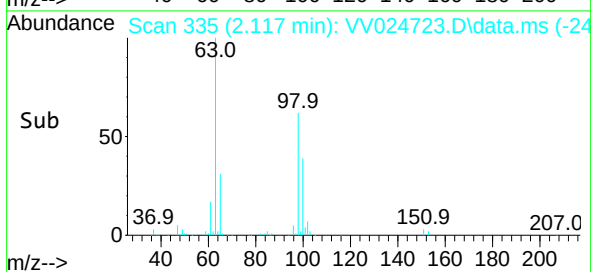
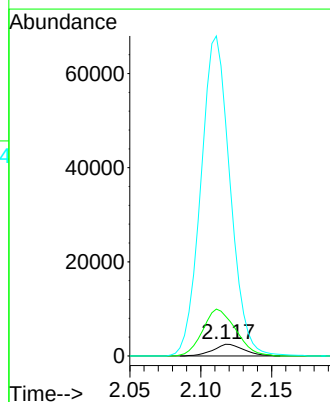
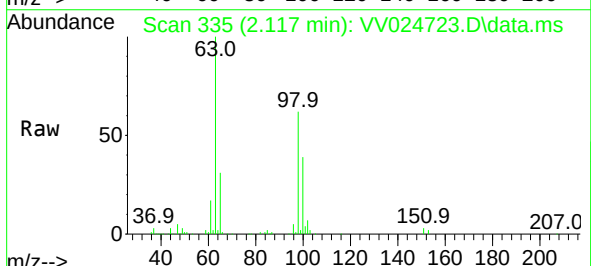
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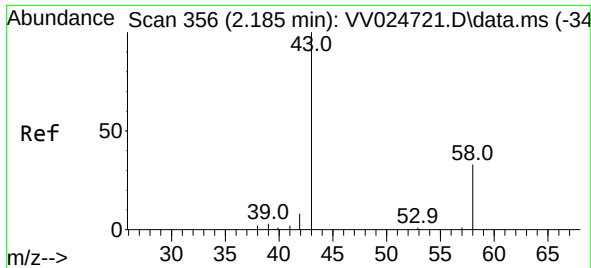
02/18/2022



#12
1,1-Dichloroethene
Concen: 0.280 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion: 96 Resp: 3754
Ion Ratio Lower Upper
96 100
61 340.8 116.3 216.1#
63 2011.8 86.0 159.6#





#13

Acetone

Concen: 2.302 ug/L

RT: 2.188 min Scan# 356

Delta R.T. 0.003 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

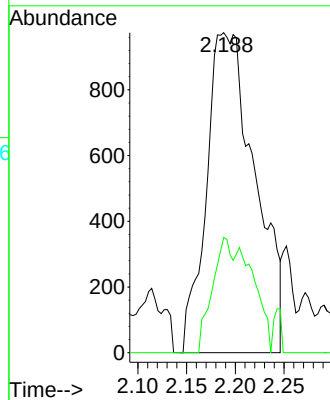
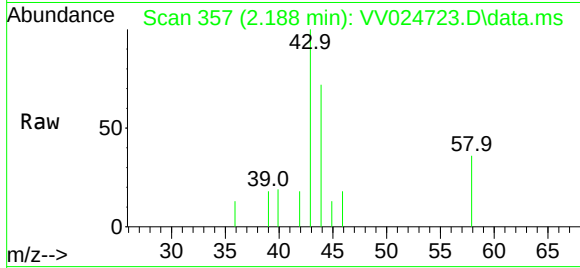
Tgt Ion: 43 Resp: 3390
 Ion Ratio Lower Upper
 43 100
 58 14.9 0.0 63.6

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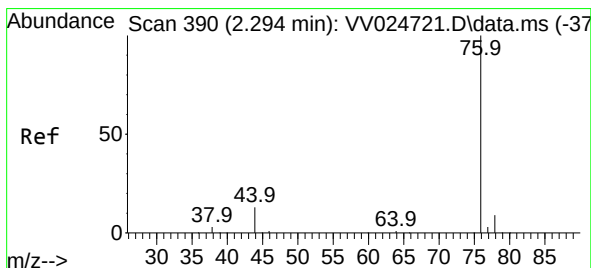
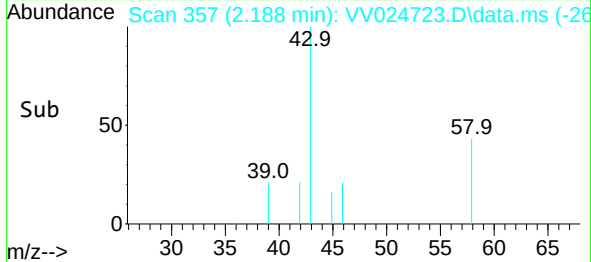
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#14

Carbon disulfide

Concen: 0.229 ug/L

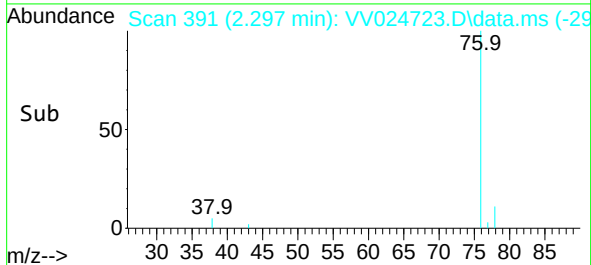
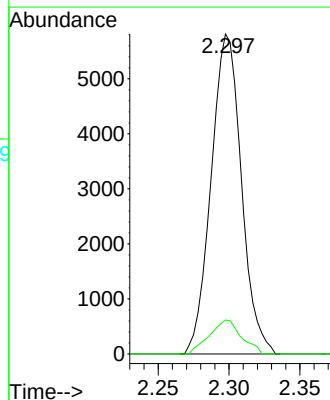
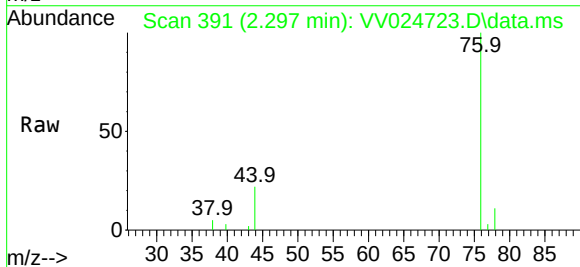
RT: 2.297 min Scan# 391

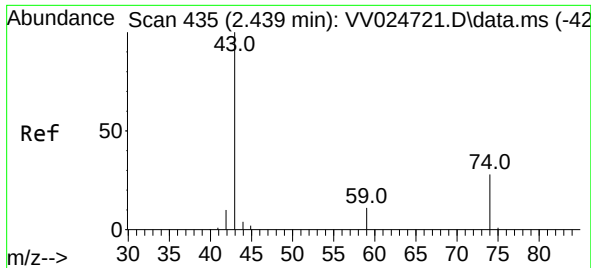
Delta R.T. 0.003 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Tgt Ion: 76 Resp: 8631
 Ion Ratio Lower Upper
 76 100
 78 10.6 7.3 10.9





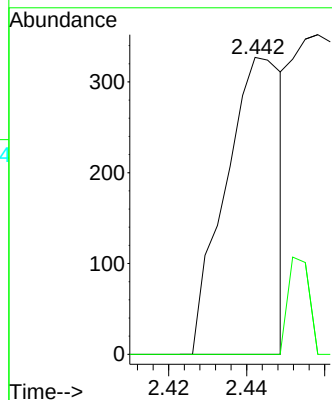
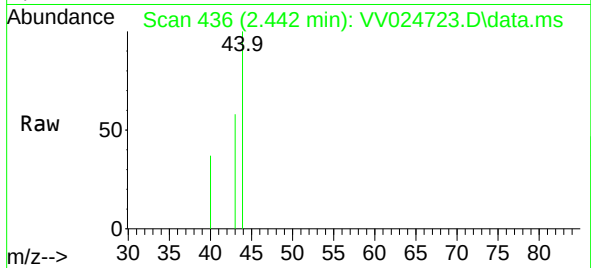
#15
Methyl Acetate
Concen: 0.085 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
74 12.2 20.8 31.2

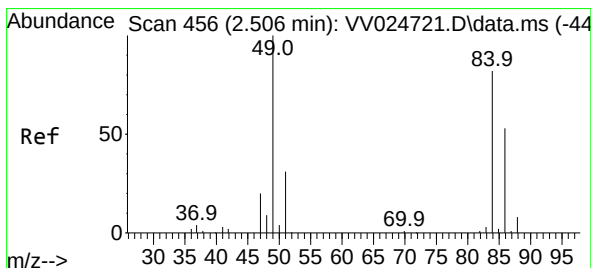
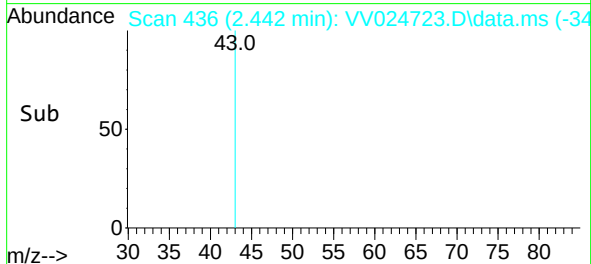
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Supervised By :Semsettin Yesilyurt 02/18/2022



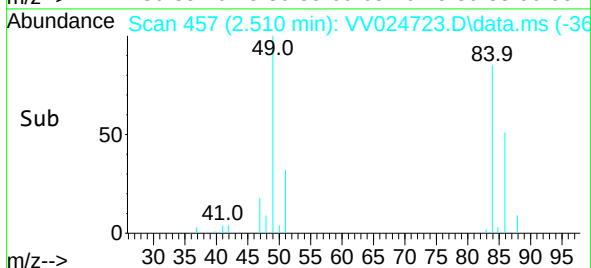
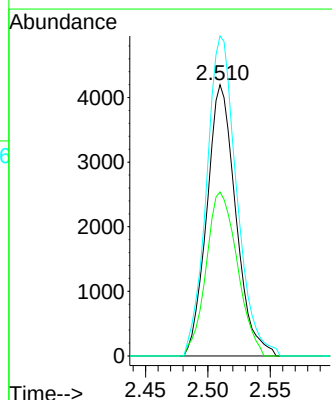
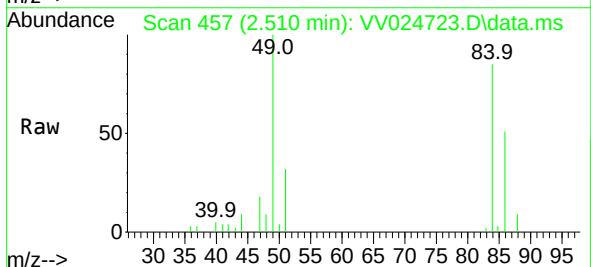
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Supervised By :Semsettin
Yesilyurt

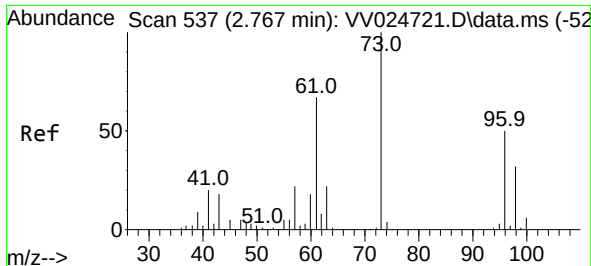
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#16
Methylene chloride
Concen: 0.513 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion: 84 Resp: 6781
Ion Ratio Lower Upper
84 100
86 60.5 45.1 83.7
49 118.0 83.5 155.1





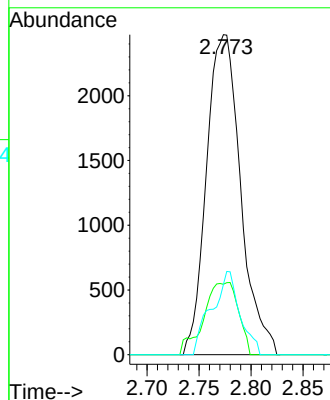
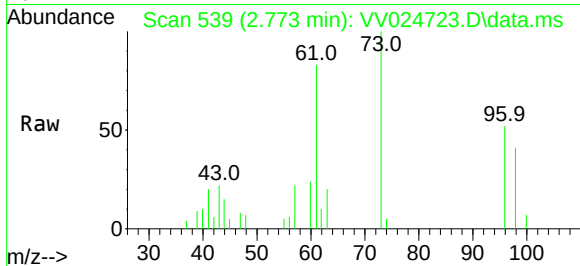
#17
Methyl tert-butyl Ether
Concen: 0.214 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion: 73 Resp: 565
Ion Ratio Lower Upper
73 100
43 22.8 15.1 22.7
57 21.5 17.4 26.2

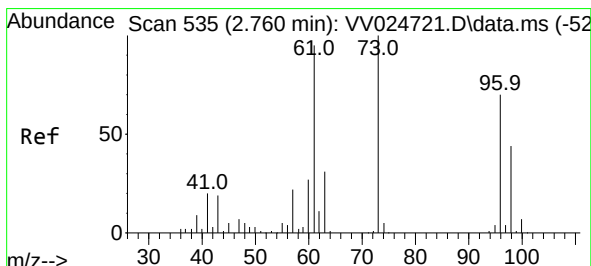
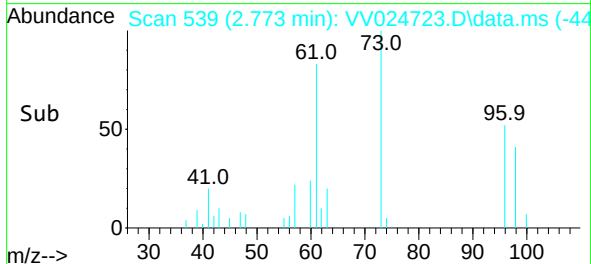
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Supervised By :Semsettin Yesilyurt 02/18/2022



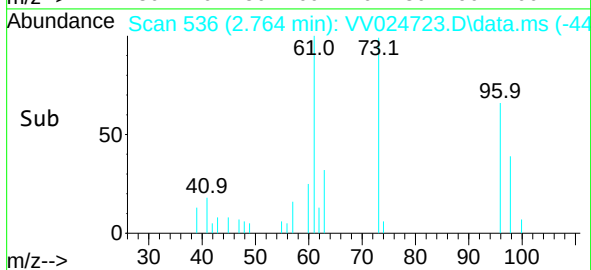
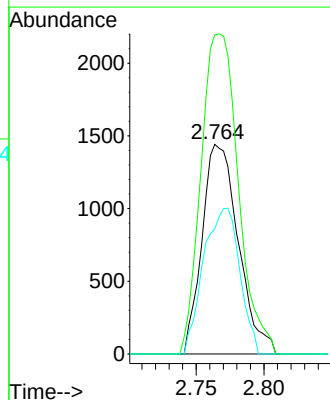
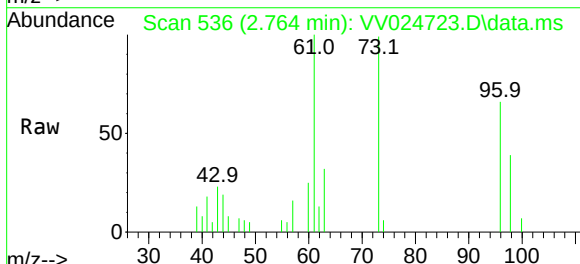
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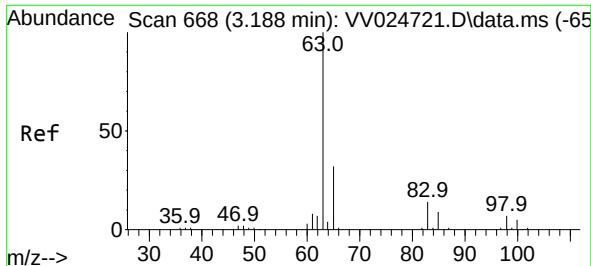
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#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion: 96 Resp: 2680
Ion Ratio Lower Upper
96 100
61 152.2 92.9 172.5
98 59.6 44.5 82.7





#19

1,1-Dichloroethane

Concen: 0.218 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

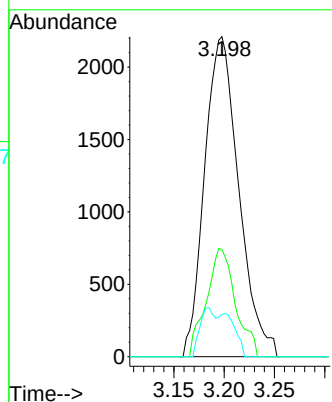
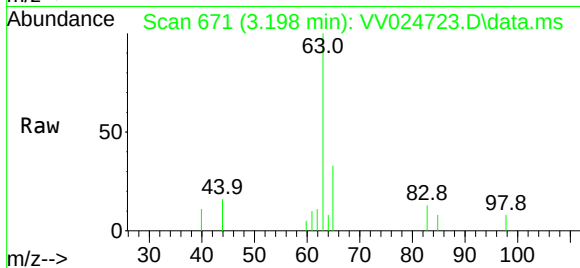
Tgt Ion:	63	Resp:	522
Ion Ratio	Lower	Upper	
63	100		
65	33.4	22.0	40.8
83	13.2	9.5	17.7

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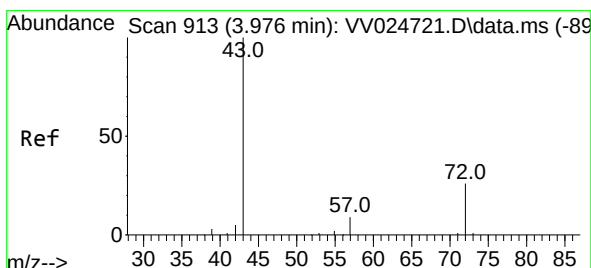
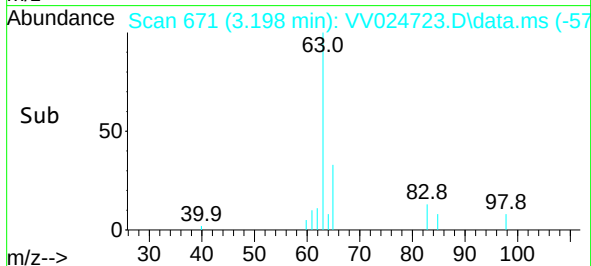
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#21

2-Butanone

Concen: 2.461 ug/L m

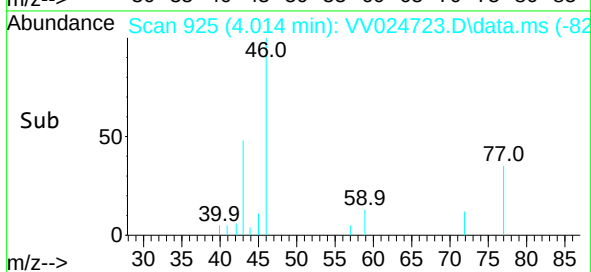
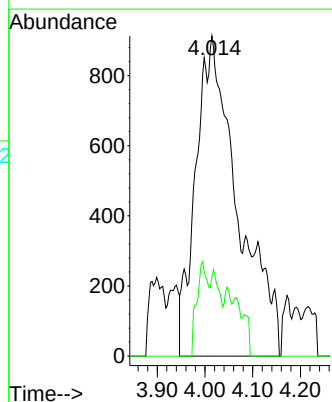
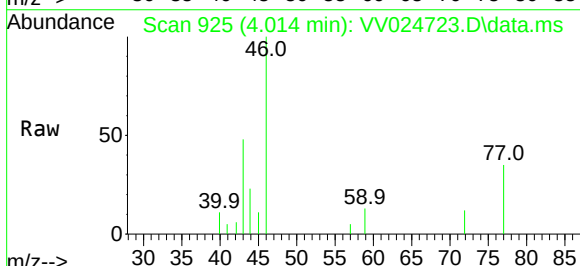
RT: 4.014 min Scan# 925

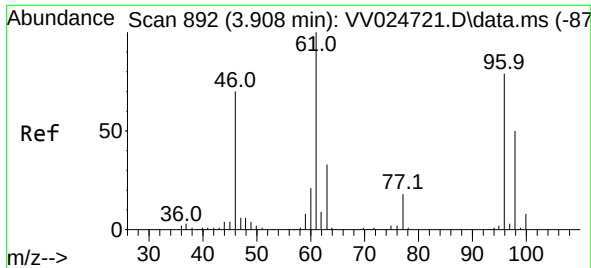
Delta R.T. 0.039 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

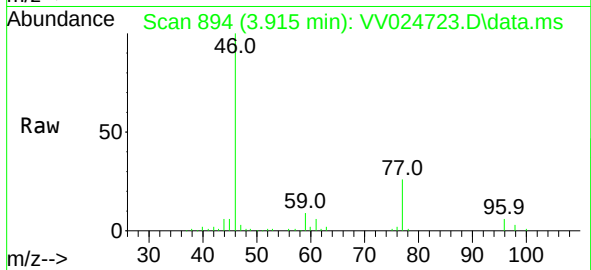
Tgt Ion:	43	Resp:	5602
Ion Ratio	Lower	Upper	
43	100		
72	0.0	13.2	39.6#





#22
cis-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

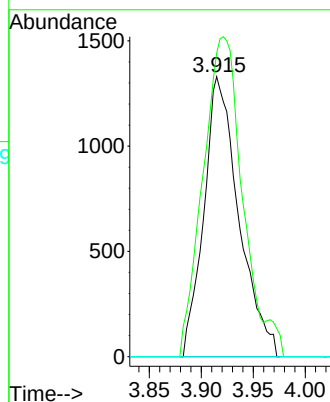
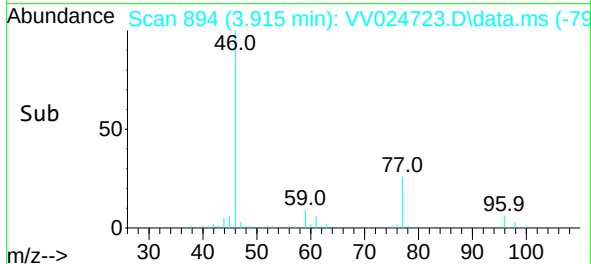
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 96 Resp: 3108
Ion Ratio Lower Upper
96 100
61 108.4 89.7 166.5
68 0.0 0.0 0.0

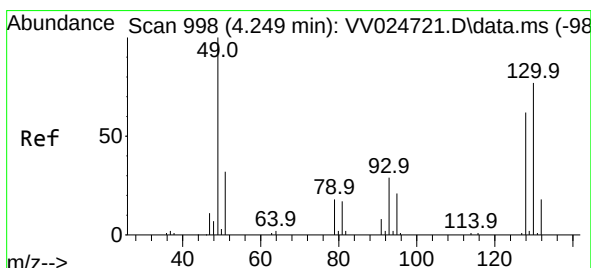
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Supervised By :Semsettin Yesilyurt 02/18/2022

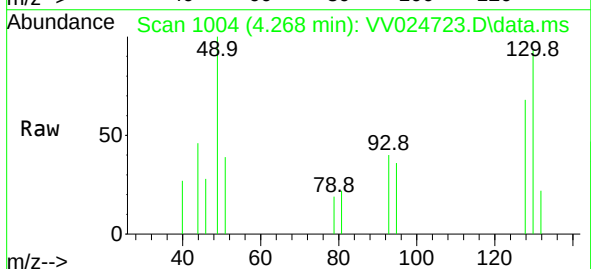


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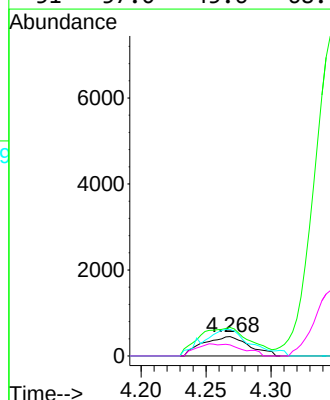
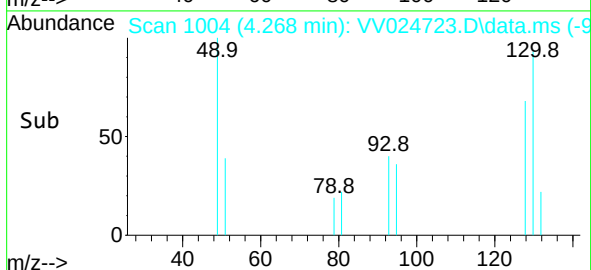
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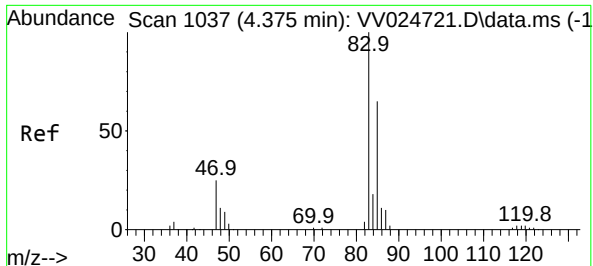


#23
Bromochloromethane
Concen: 0.209 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.019 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



Tgt Ion:128 Resp: 1118
Ion Ratio Lower Upper
128 100
49 146.6 124.2 230.6
130 136.8 92.1 171.1
51 57.0 45.6 68.4





#25

Chloroform

Concen: 0.357 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion: 83 Resp: 894

Ion Ratio Lower Upper

83 100

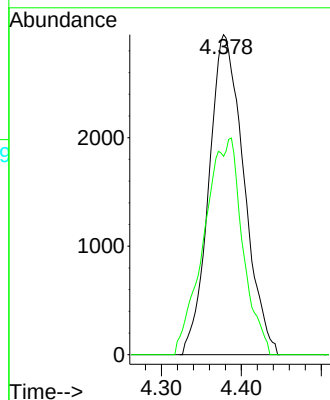
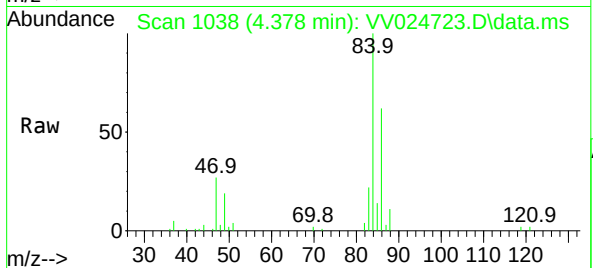
85 62.0 45.5 84.5

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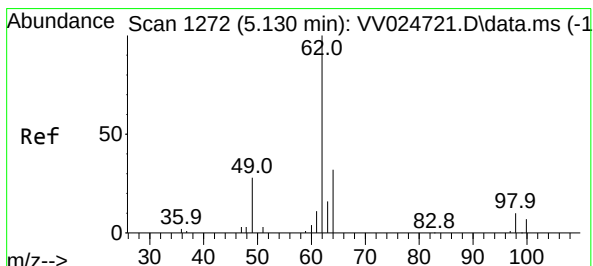
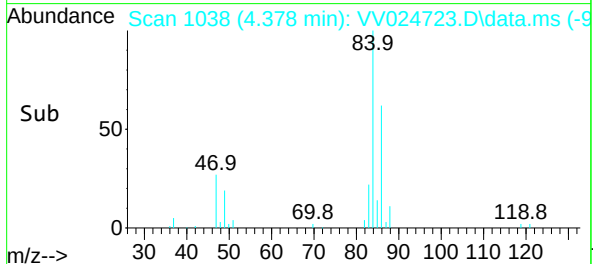


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#27

1,2-Dichloroethane

Concen: 0.222 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.013 min

Lab File: VV024723.D

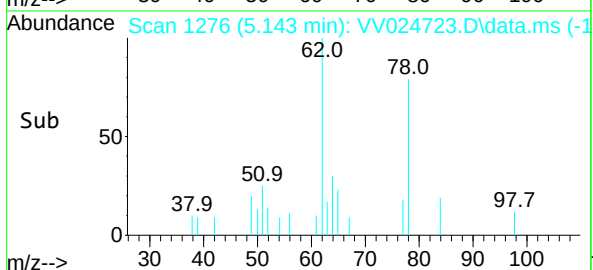
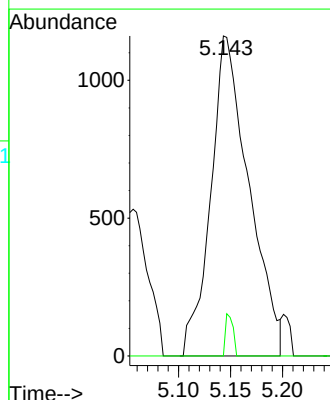
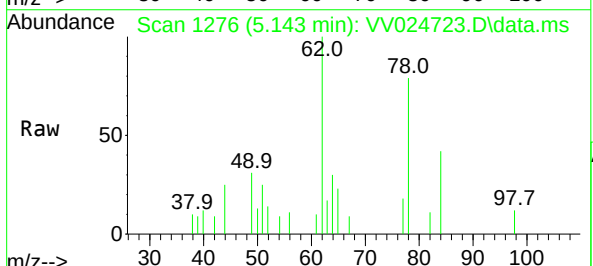
Acq: 17 Feb 2022 15:40

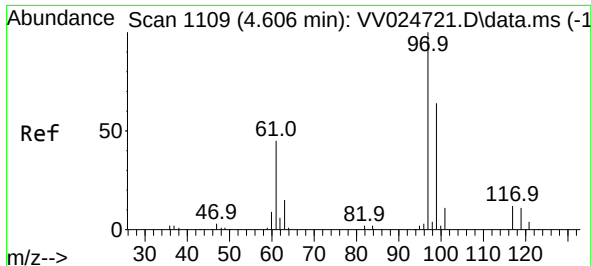
Tgt Ion: 62 Resp: 2967

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#





#29

1,1,1-Trichloroethane

Concen: 0.216 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

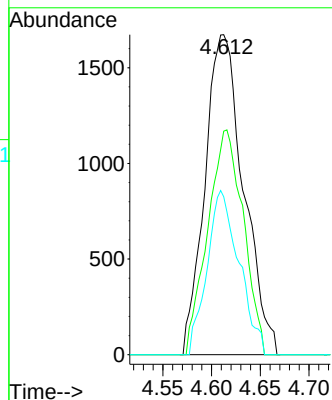
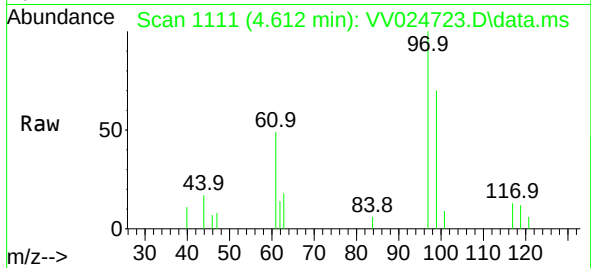
Tgt Ion: 97	Resp: 4619
Ion Ratio	Lower Upper
97 100	
99 64.7	50.5 75.7
61 42.4	35.8 53.6

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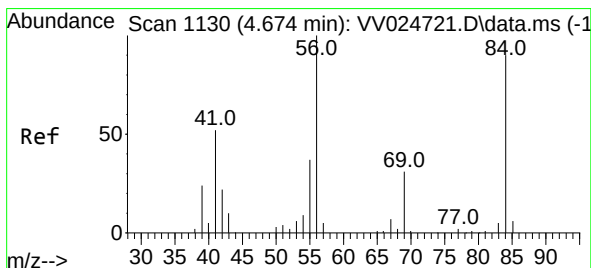
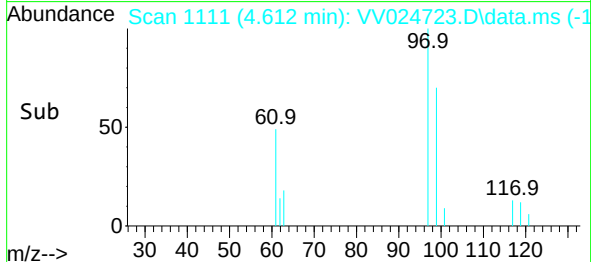
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#30

Cyclohexane

Concen: 0.209 ug/L

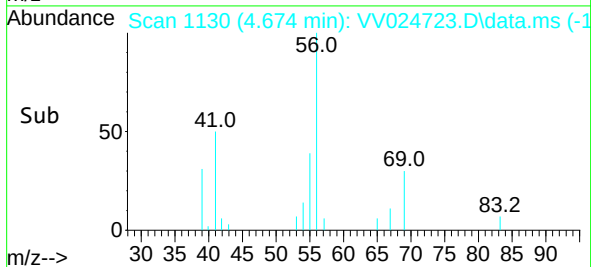
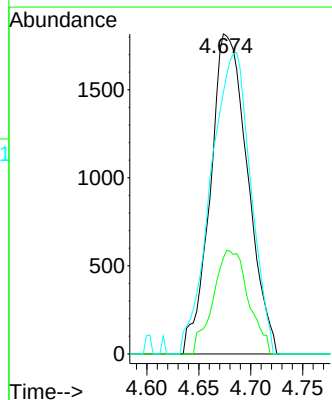
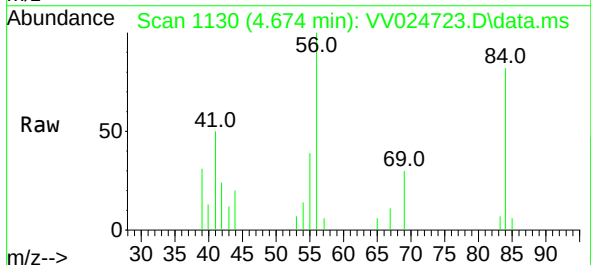
RT: 4.674 min Scan# 1130

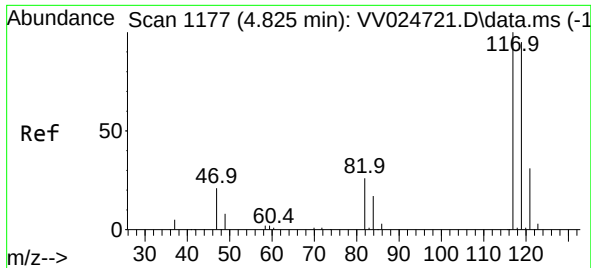
Delta R.T. -0.000 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

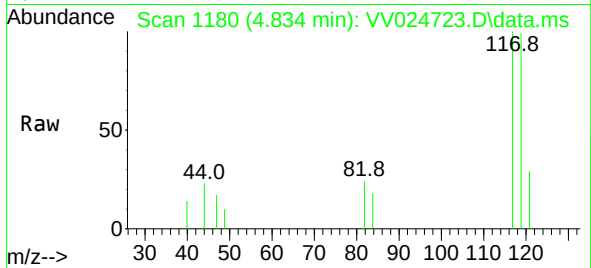
Tgt Ion: 56	Resp: 4530
Ion Ratio	Lower Upper
56 100	
69 30.7	24.6 37.0
84 100.8	71.4 107.0





#31
Carbon tetrachloride
Concen: 0.205 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

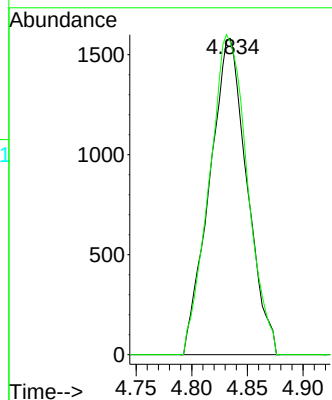
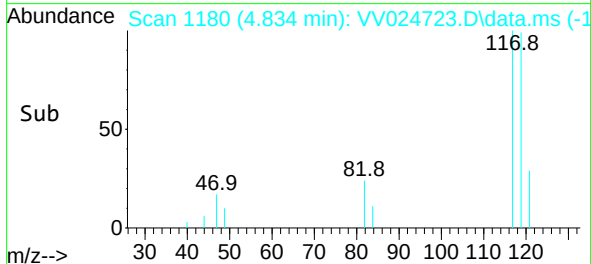
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 117 Resp: 369
Ion Ratio Lower Upper
117 100
119 103.1 76.6 115.0

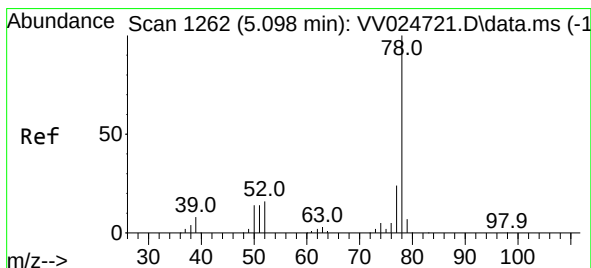
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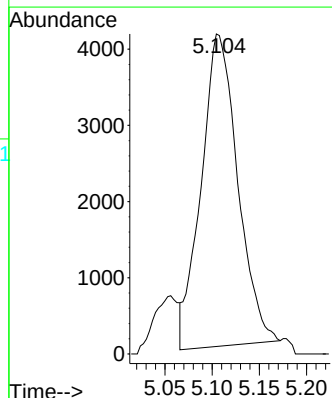
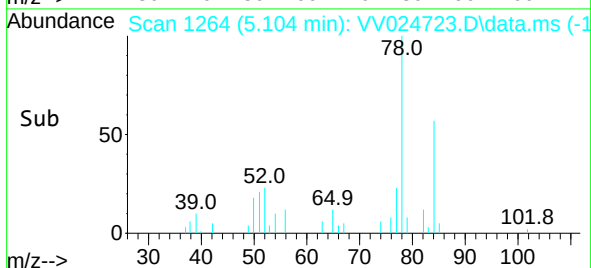
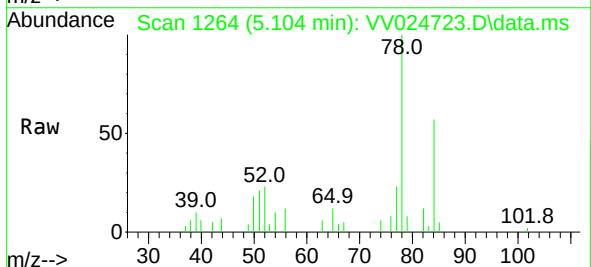
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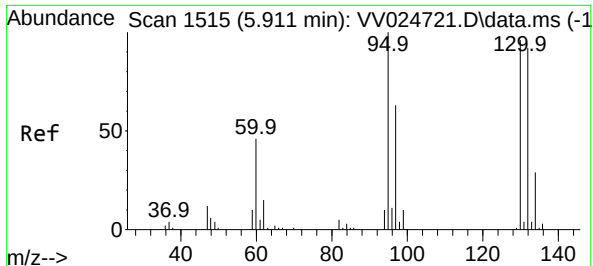
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#33
Benzene
Concen: 0.204 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion: 78 Resp: 11011





#34

Trichloroethene

Concen: 0.231 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion: 95 Resp: 3300

Ion Ratio Lower Upper

95 100

97 59.8 44.2 82.0

132 95.5 62.1 115.3

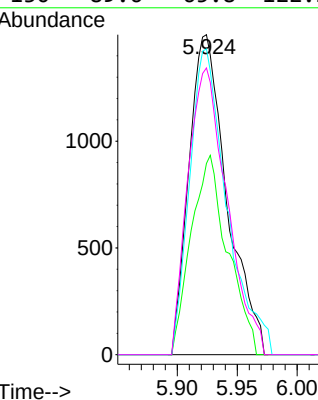
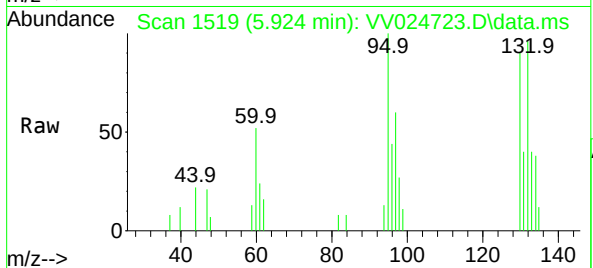
130 89.6 65.8 122.2

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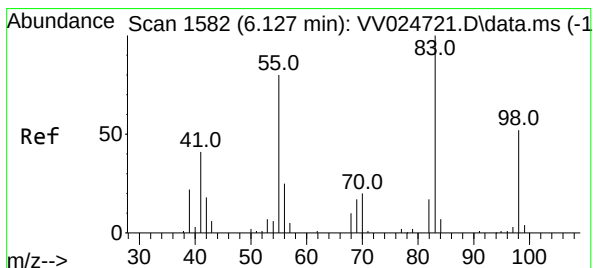
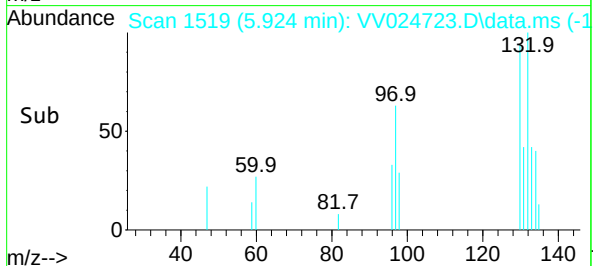


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#35

Methylcyclohexane

Concen: 0.219 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

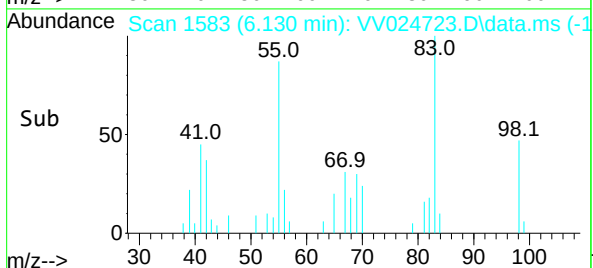
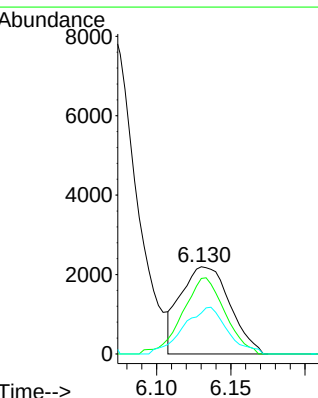
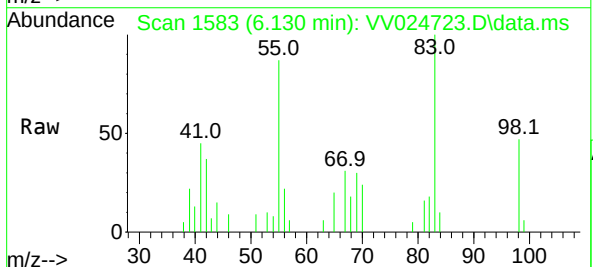
Tgt Ion: 83 Resp: 5061

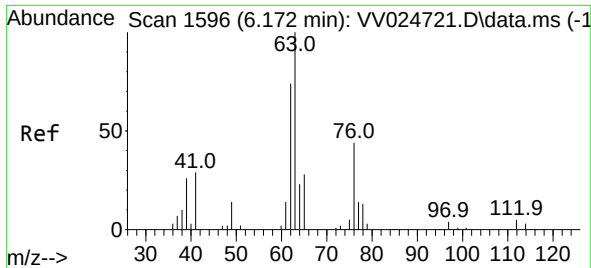
Ion Ratio Lower Upper

83 100

55 75.1 58.8 88.2

98 47.7 38.6 58.0





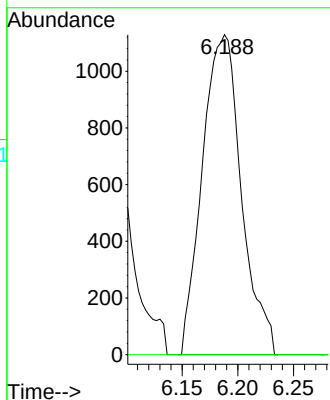
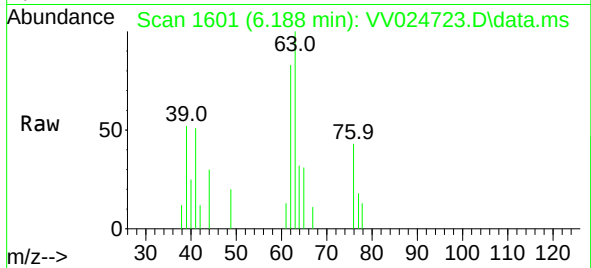
#37
1,2-Dichloropropane
Concen: 0.216 ug/L
RT: 6.188 min Scan# 110
Delta R.T. 0.016 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion: 63 Resp: 2758
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6

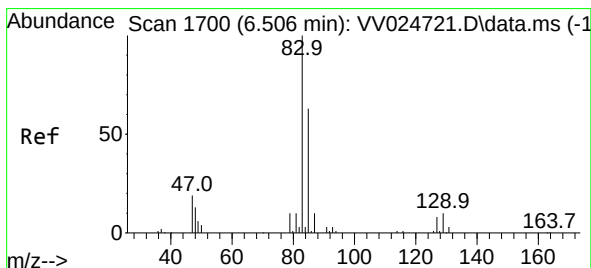
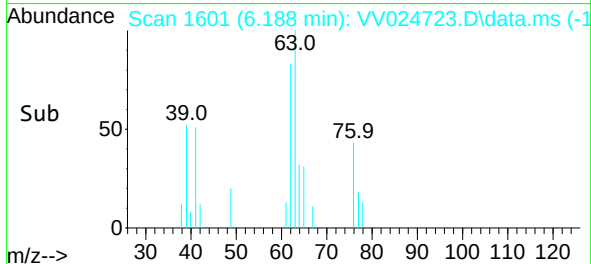
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Reviewed By :John Carlone 02/18/2022
Supervised By :Semsettin Yesilyurt 02/18/2022



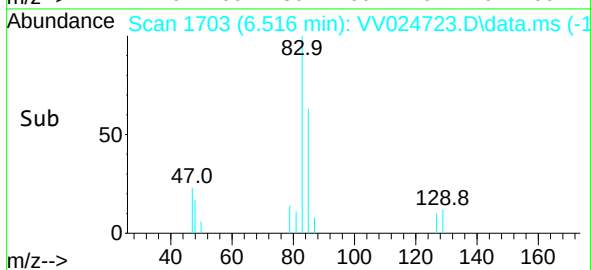
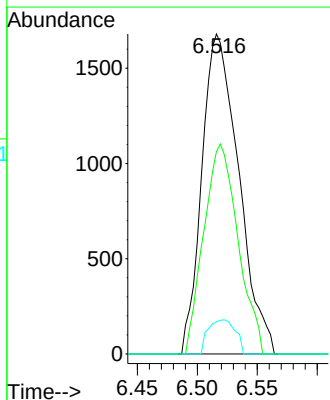
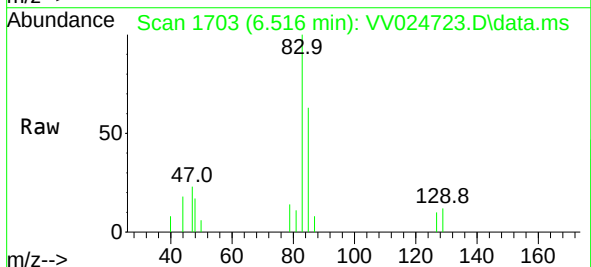
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Yesilyurt

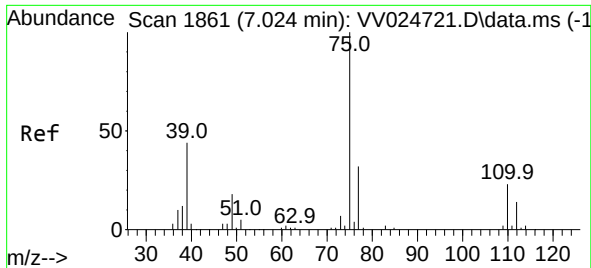
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#38
Bromodichloromethane
Concen: 0.223 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.010 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion: 83 Resp: 3585
Ion Ratio Lower Upper
83 100
85 63.3 43.5 80.9
127 10.1 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.221 ug/L

RT: 7.040 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion: 75 Resp: 3904

Ion Ratio Lower Upper

75 100

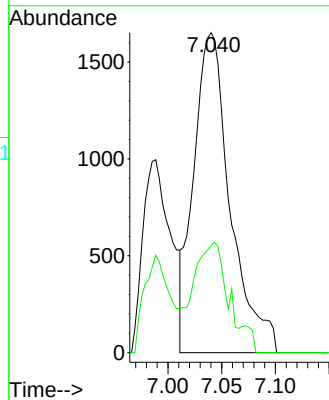
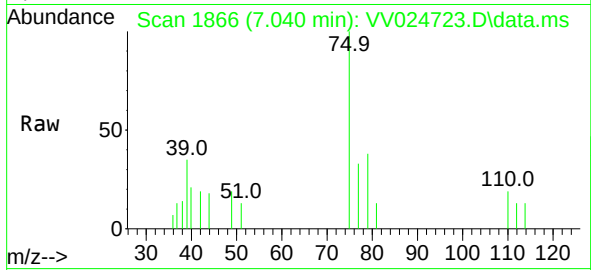
77 33.4 22.3 41.5

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Reviewed By :John Carlone 02/18/2022

Supervised By :Semsettin Yesilyurt 02/18/2022

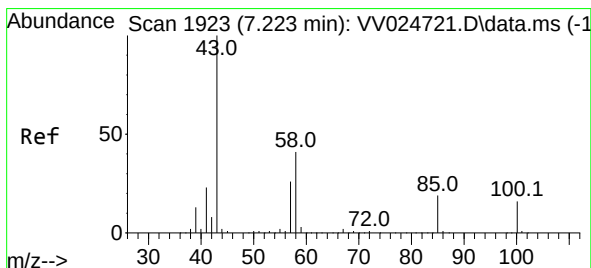
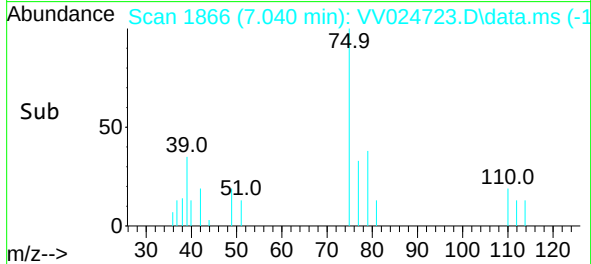


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#40

4-Methyl-2-pentanone

Concen: 1.851 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

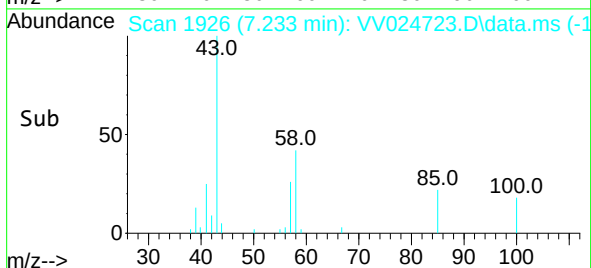
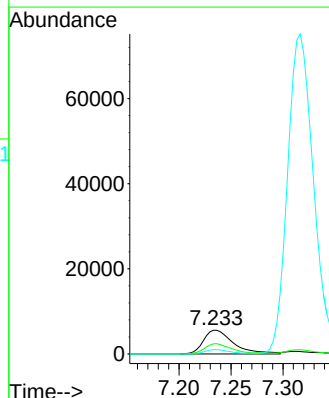
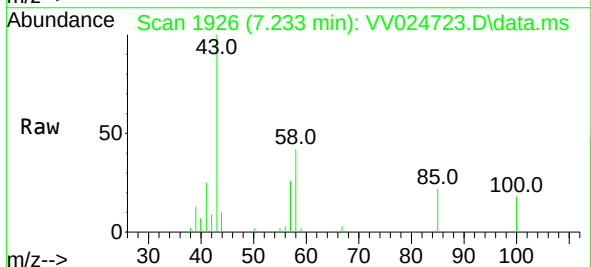
Tgt Ion: 43 Resp: 11232

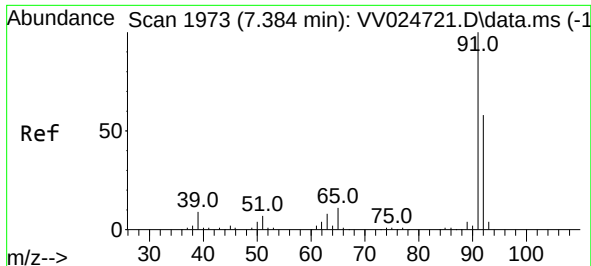
Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.6

100 0.0 13.3 19.9#





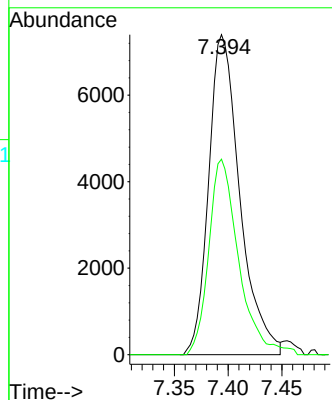
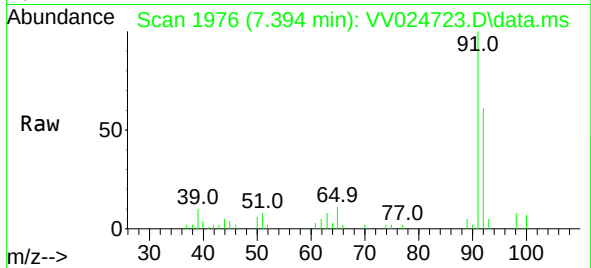
#42
Toluene
Concen: 0.260 ug/L
RT: 7.394 min Scan# 1973
Delta R.T. 0.010 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion: 91 Resp: 1491
Ion Ratio Lower Upper
91 100
92 61.1 40.3 74.9

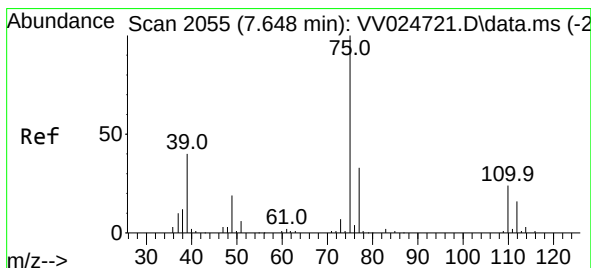
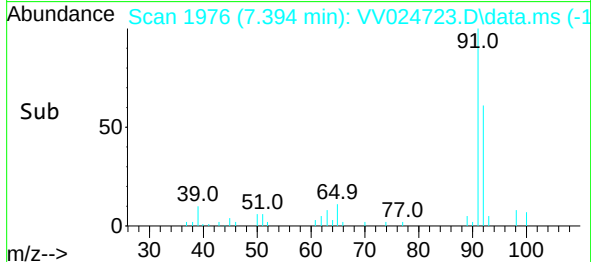
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Supervised By :Semsettin Yesilyurt 02/18/2022



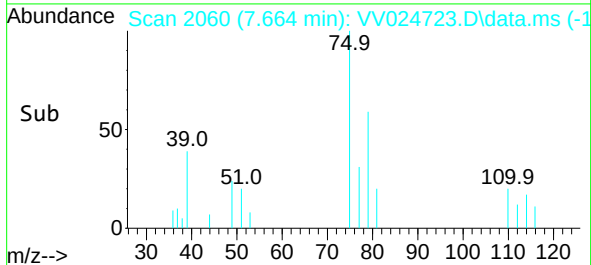
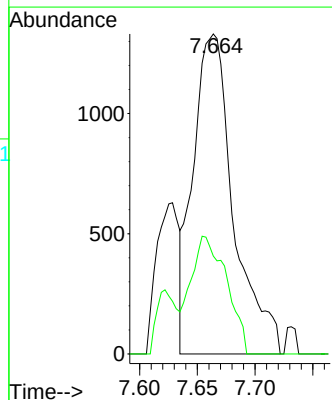
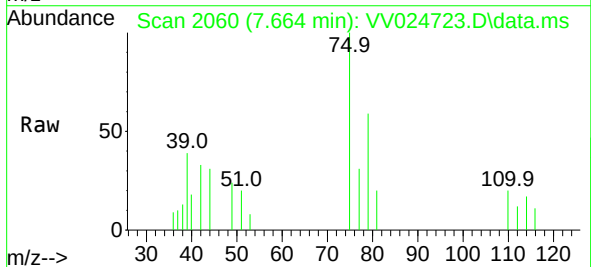
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Supervised By :Semsettin
Yesilyurt

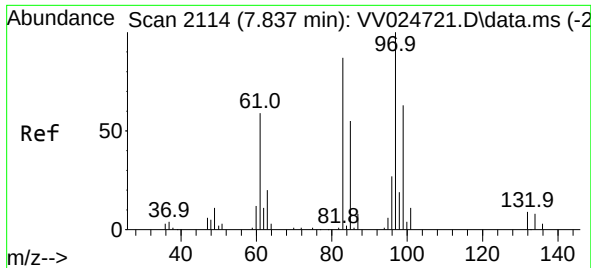
02/18/2022



#44
trans-1,3-Dichloropropene
Concen: 0.229 ug/L
RT: 7.664 min Scan# 2060
Delta R.T. 0.016 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

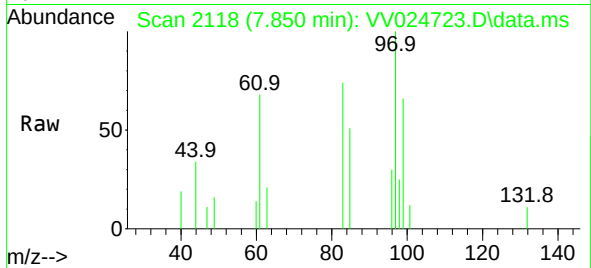
Tgt Ion: 75 Resp: 3243
Ion Ratio Lower Upper
75 100
77 30.6 23.5 43.7





#45
1,1,2-Trichloroethane
Concen: 0.216 ug/L
RT: 7.850 min Scan# 2114
Delta R.T. 0.013 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

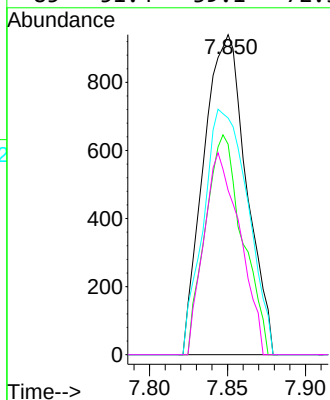
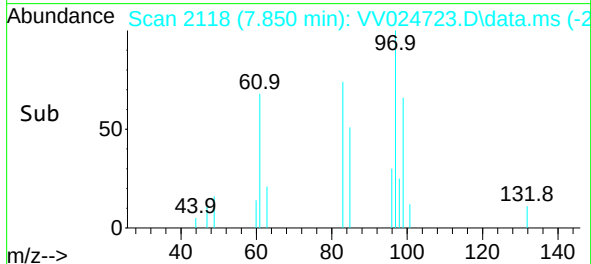


Tgt Ion: 97 Resp: 179

Ion	Ratio	Lower	Upper
97	100		
99	65.7	43.8	81.3
83	73.9	61.3	113.9
85	51.4	39.1	72.5

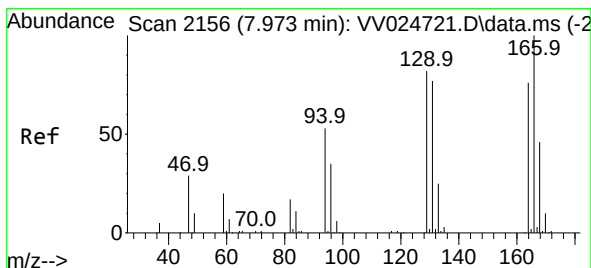
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Supervised By :Semsettin Yesilyurt 02/18/2022

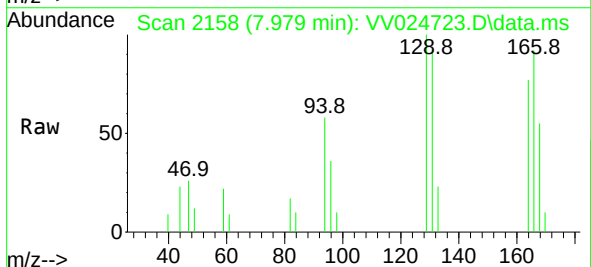


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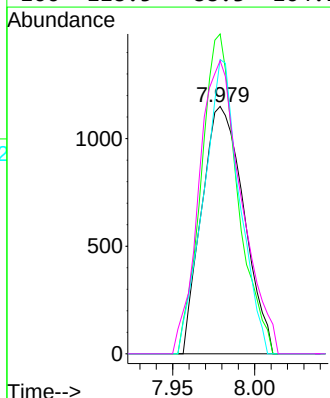
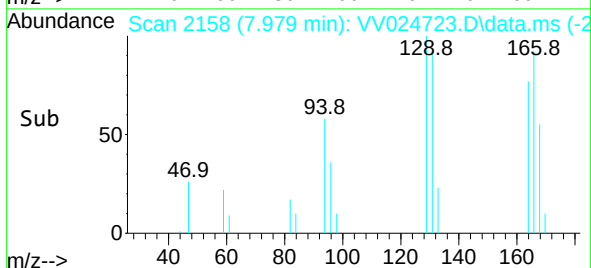


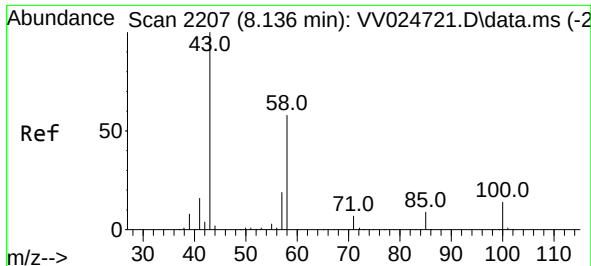
#47
Tetrachloroethene
Concen: 0.210 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



Tgt Ion:164 Resp: 2047

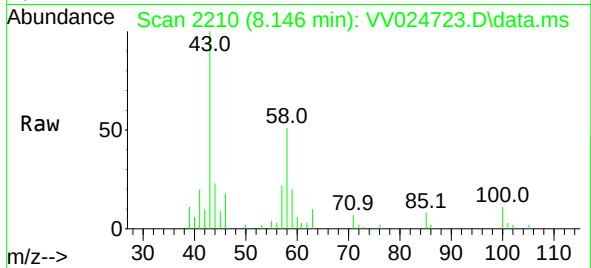
Ion	Ratio	Lower	Upper
164	100		
129	129.3	70.3	130.7
131	119.0	67.7	125.7
166	118.5	88.3	164.1





#48
2-Hexanone
Concen: 3.844 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

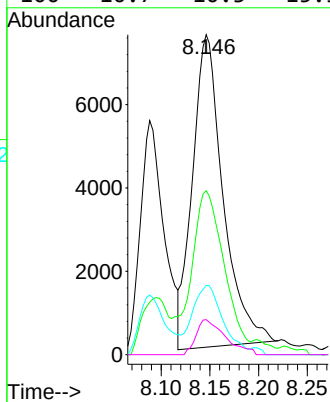
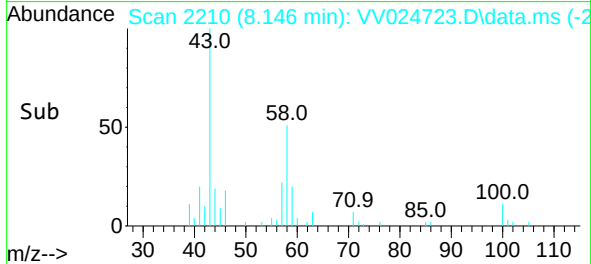
Instrument : MSVOA_V
Client Sample Id :
MDL-WATER-QT1-2022-01



Tgt Ion: 43 Resp: 16390
Ion Ratio Lower Upper
43 100
58 49.0 46.0 69.0
57 22.1 15.7 23.5
100 10.7 10.3 15.5

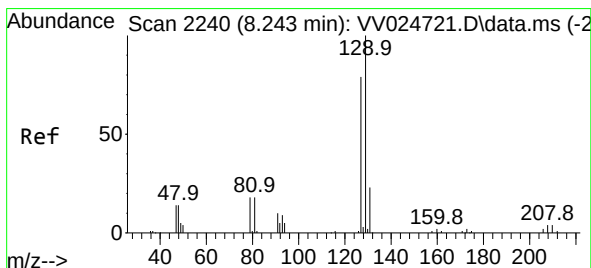
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Supervised By :Semsettin Yesilyurt 02/18/2022



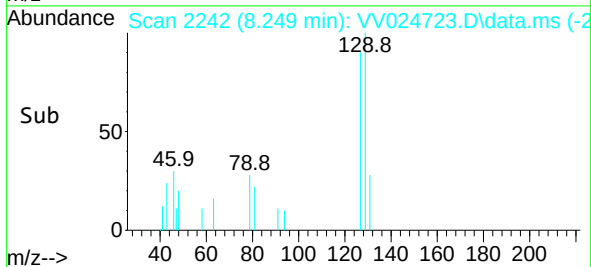
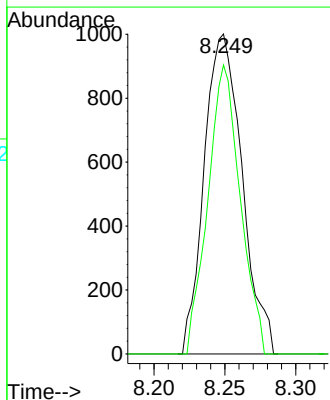
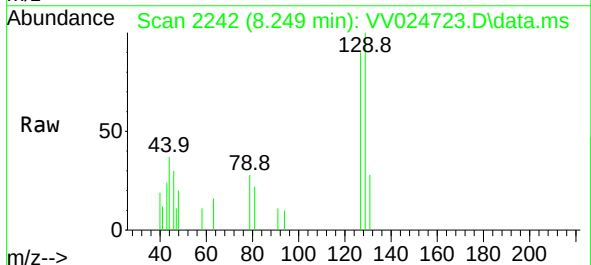
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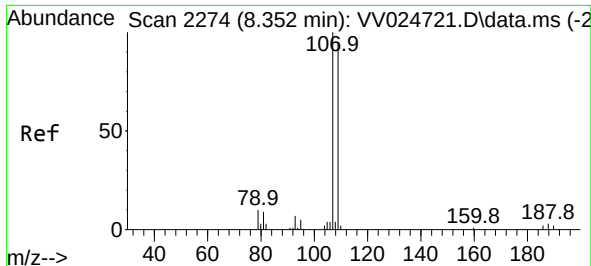
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#49
Dibromochloromethane
Concen: 0.202 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion:129 Resp: 1863
Ion Ratio Lower Upper
129 100
127 90.3 53.6 99.6





#50

1,2-Dibromoethane

Concen: 0.237 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV024723.D

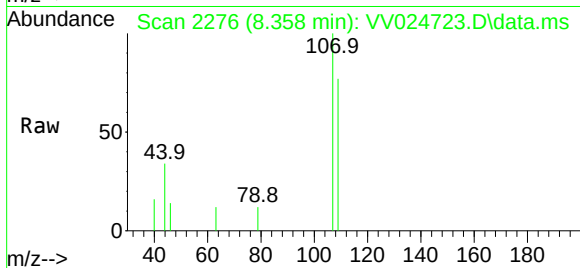
Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01



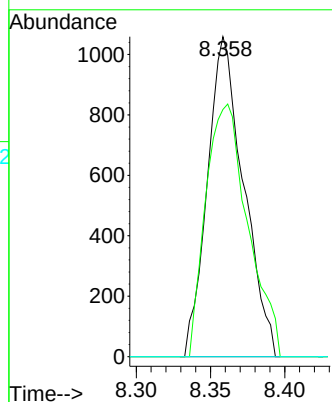
Tgt Ion:	107	Resp:	179
Ion Ratio	Lower	Upper	
107	100		
109	77.2	65.6	121.8
188	0.0	2.6	3.8

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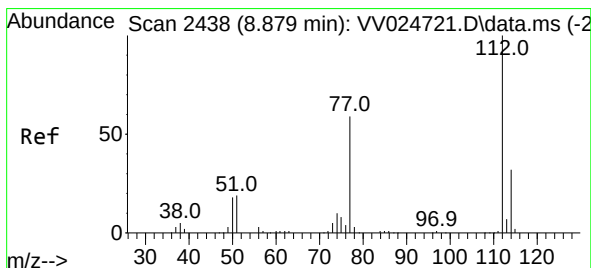
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#51

Chlorobenzene

Concen: 0.223 ug/L

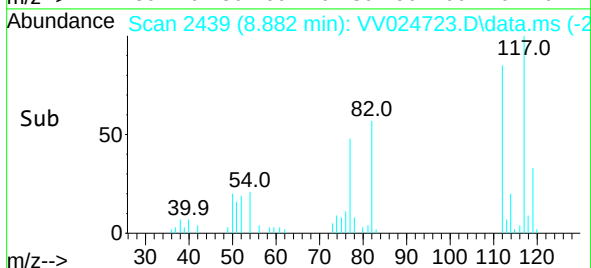
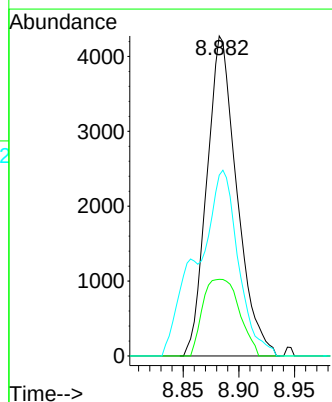
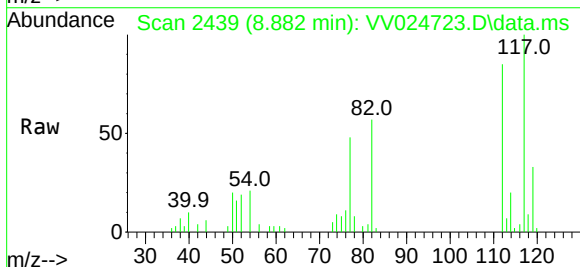
RT: 8.882 min Scan# 2439

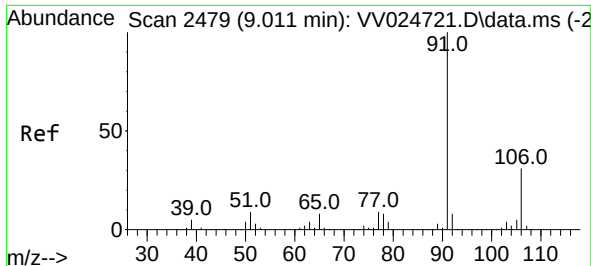
Delta R.T. 0.003 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Tgt Ion:	112	Resp:	8005
Ion Ratio	Lower	Upper	
112	100		
114	23.9	22.3	41.5
77	56.5	48.4	72.6





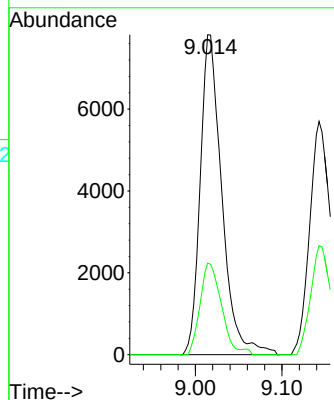
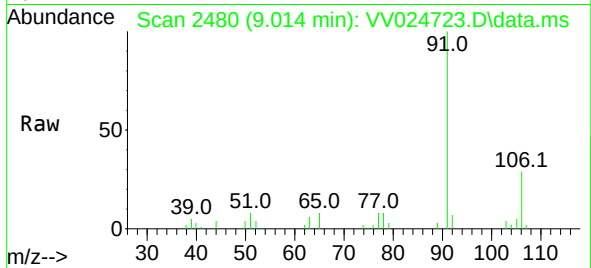
#52
Ethylbenzene
Concen: 0.216 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

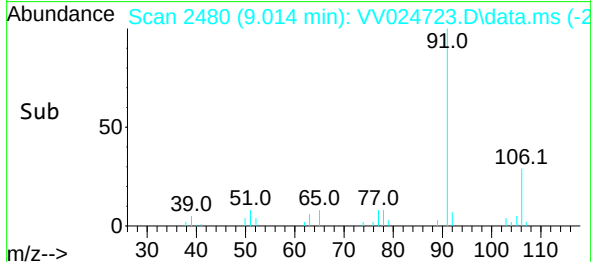
Tgt Ion: 91 Resp: 1356
Ion Ratio Lower Upper
91 100
106 28.6 21.3 39.5

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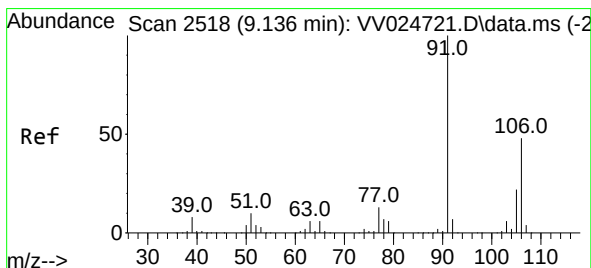
Reviewed By :John Carlone 02/18/2022
Supervised By :Semsettin Yesilyurt 02/18/2022



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Yesilyurt

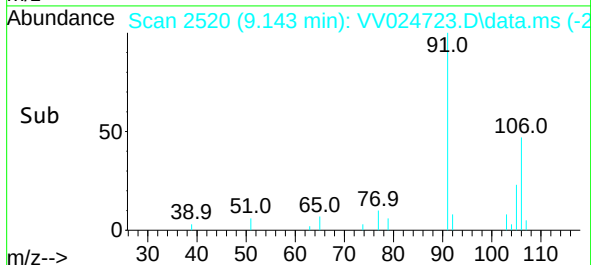
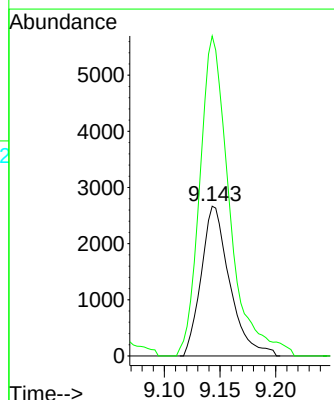
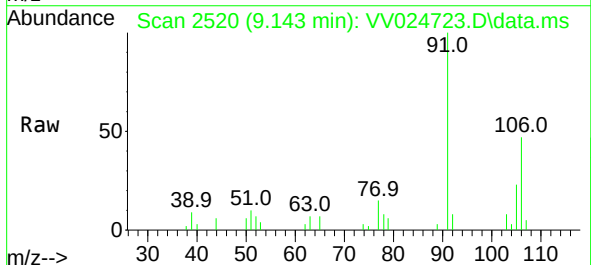


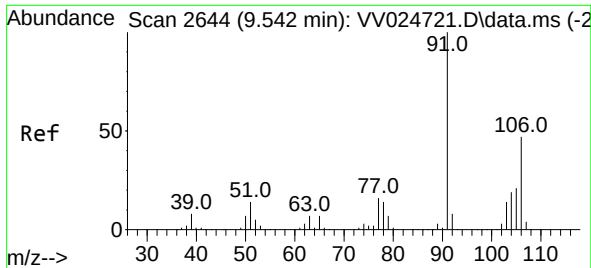
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#53
m,p-xylene
Concen: 0.200 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion:106 Resp: 4742
Ion Ratio Lower Upper
106 100
91 213.7 143.6 266.6





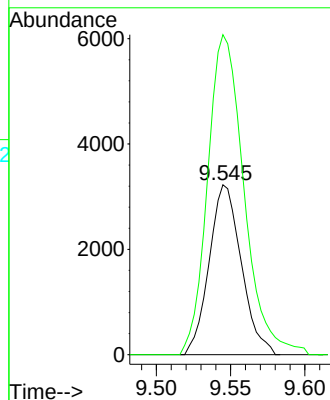
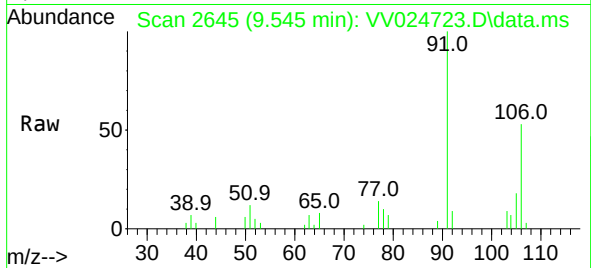
#54
o-xylene
Concen: 0.210 ug/L
RT: 9.545 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion:106 Resp: 485
Ion Ratio Lower Upper
106 100
91 188.3 152.2 282.7

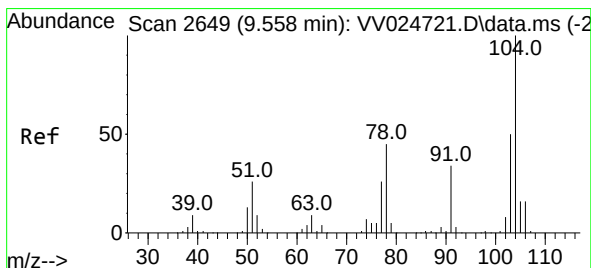
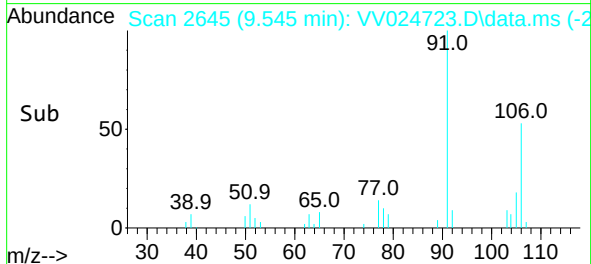
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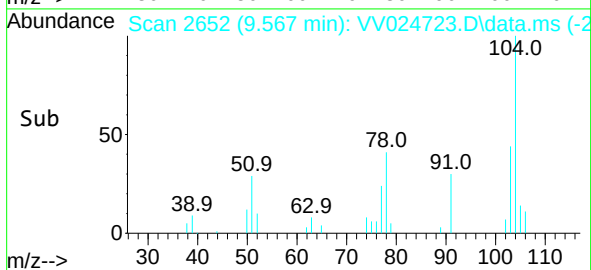
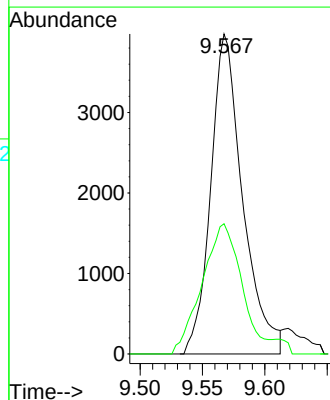
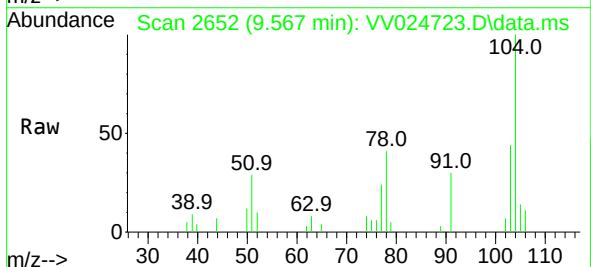
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Supervised By :Semsettin
Yesilyurt

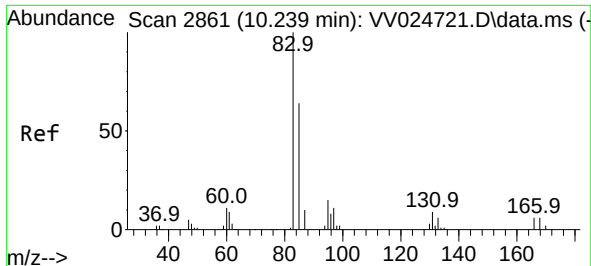
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#55
Styrene
Concen: 0.188 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

Tgt Ion:104 Resp: 7084
Ion Ratio Lower Upper
104 100
78 40.7 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.220 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

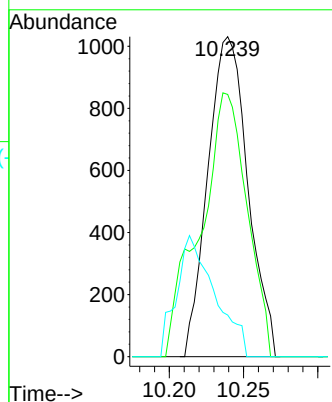
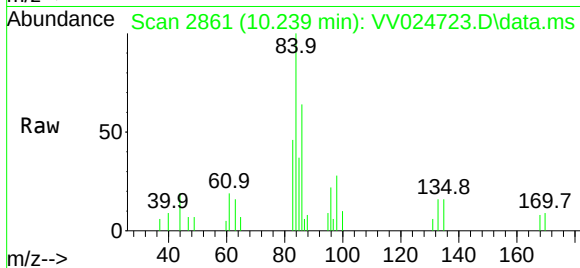
Tgt Ion:	83	Resp:	193
Ion Ratio	Lower	Upper	
83	100		
85	82.0	43.9	81.5
131	13.0	7.0	10.4

Manual Integrations

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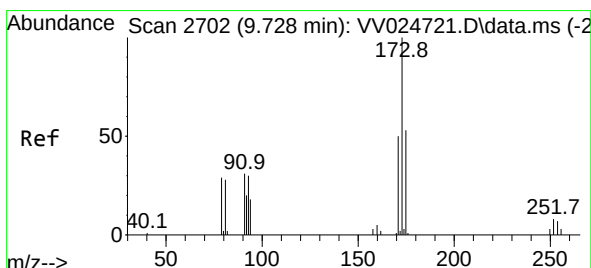
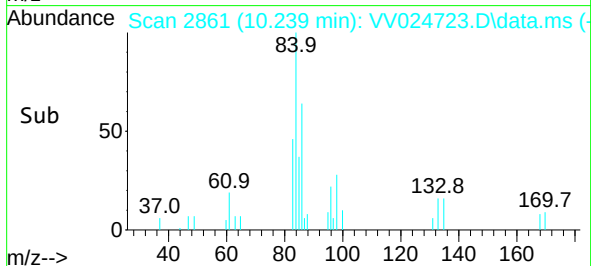
Reviewed By :John Carlone 02/18/2022

Supervised By :Semsettin Yesilyurt 02/18/2022



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#59

Bromoform

Concen: 0.202 ug/L

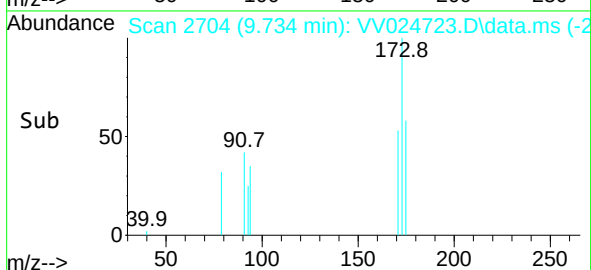
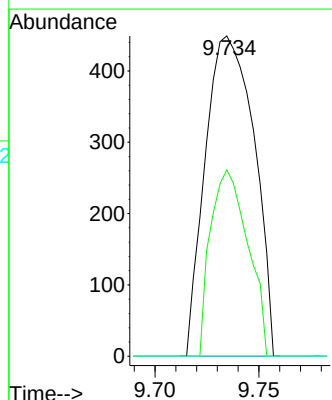
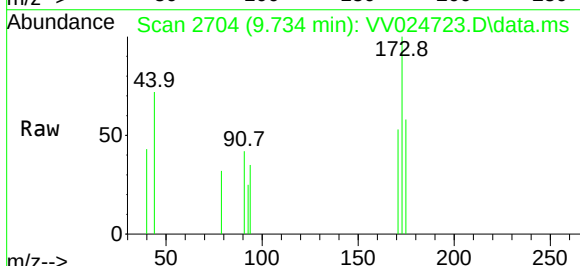
RT: 9.734 min Scan# 2704

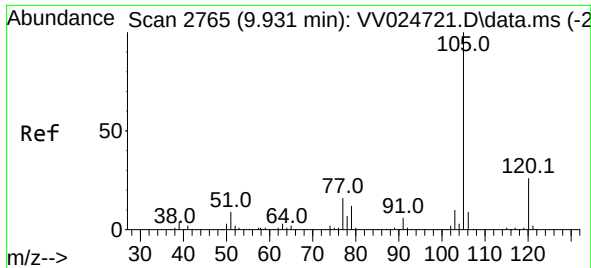
Delta R.T. 0.006 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

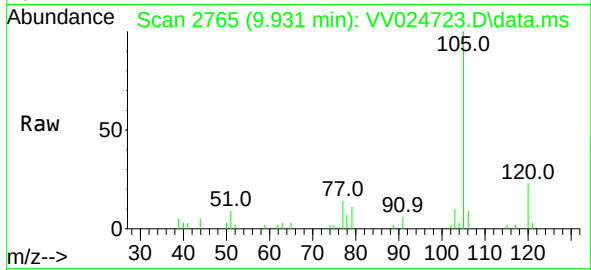
Tgt Ion:	173	Resp:	731
Ion Ratio	Lower	Upper	
173	100		
175	44.6	39.4	59.0
254	0.0	7.0	10.4





#60
Isopropylbenzene
Concen: 0.225 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

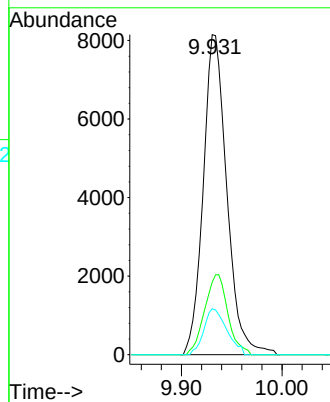
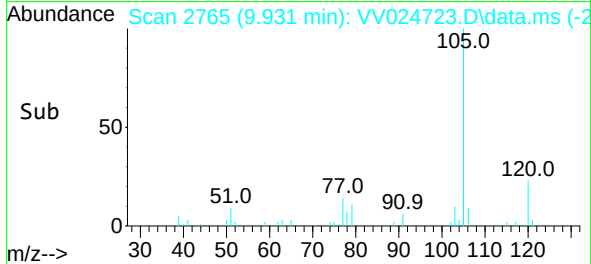
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion:105 Resp: 13284
Ion Ratio Lower Upper
105 100
120 24.6 20.7 31.1
77 13.9 12.7 19.1

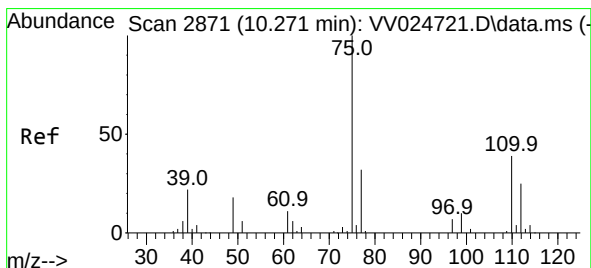
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Supervised By :Semsettin Yesilyurt 02/18/2022

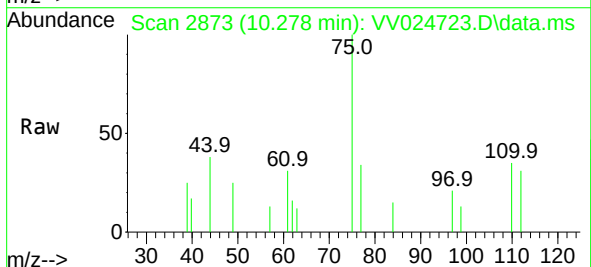


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Yesilyurt

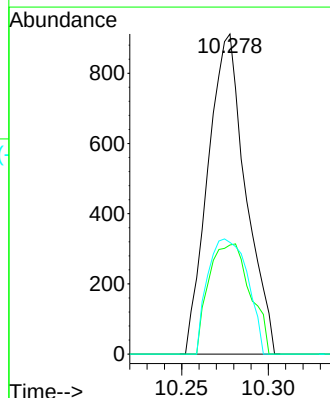
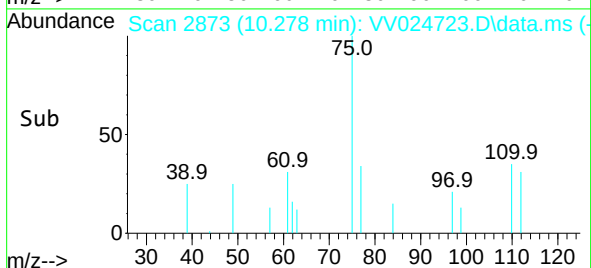
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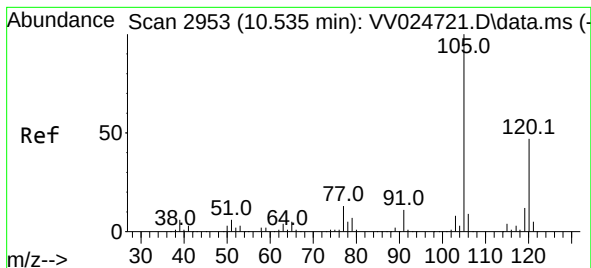


#61
1,2,3-Trichloropropane
Concen: 0.213 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



Tgt Ion: 75 Resp: 1381
Ion Ratio Lower Upper
75 100
77 37.5 26.3 39.5
110 38.0 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 0.198 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024723.D

Acq: 17 Feb 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion:105 Resp: 9779

Ion Ratio Lower Upper

105 100

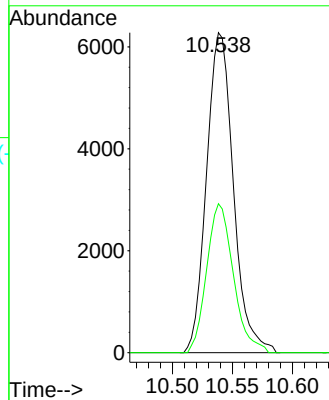
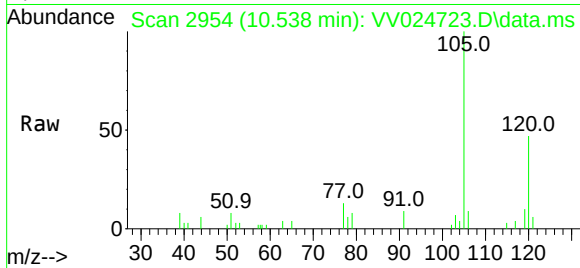
120 46.3 38.6 57.8

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Supervised By :Semsettin Yesilyurt 02/18/2022

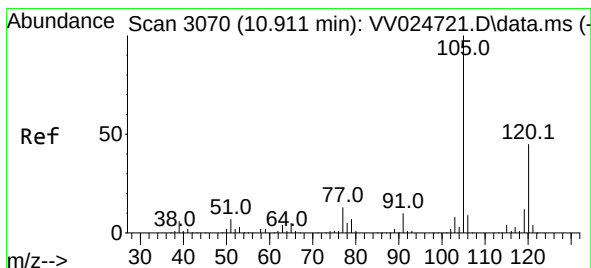
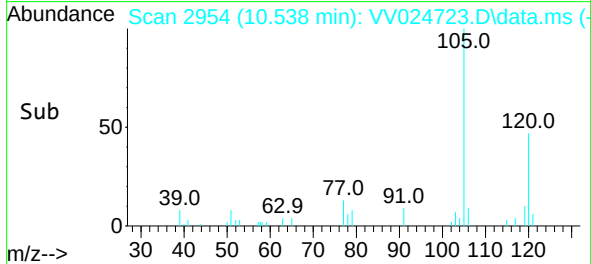


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#63

1,2,4-Trimethylbenzene

Concen: 0.207 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024723.D

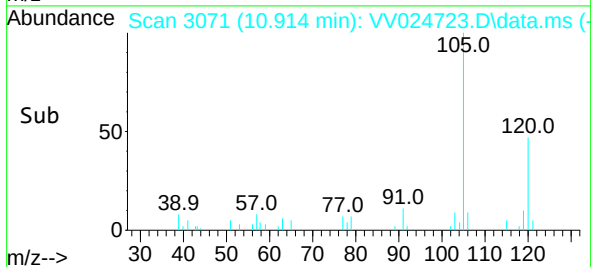
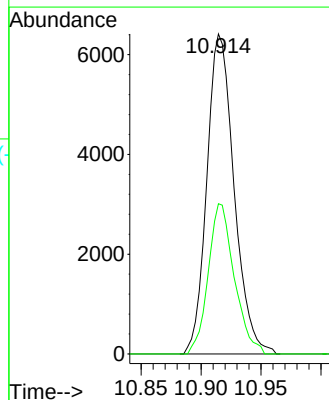
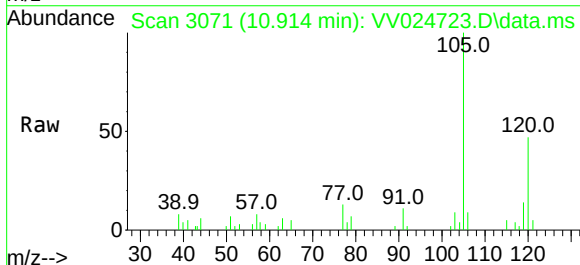
Acq: 17 Feb 2022 15:40

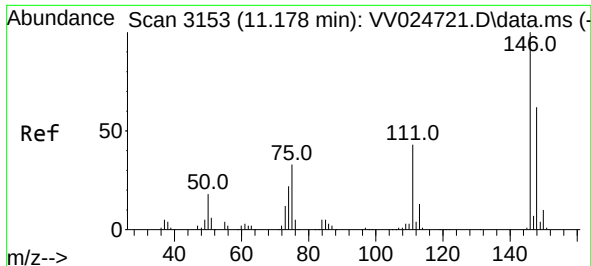
Tgt Ion:105 Resp: 10129

Ion Ratio Lower Upper

105 100

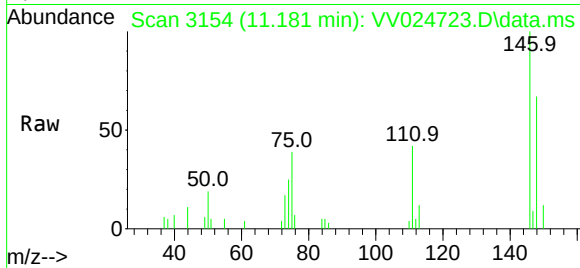
120 44.9 35.9 53.9





#64
1,3-Dichlorobenzene
Concen: 0.217 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

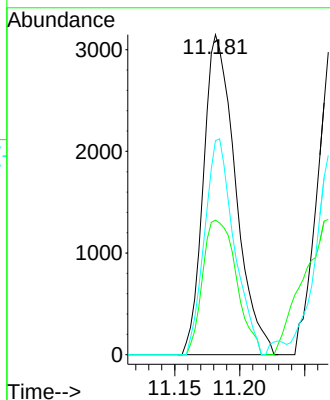
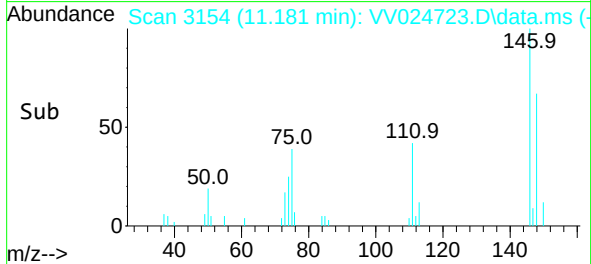
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion:146 Resp: 5400
Ion Ratio Lower Upper
146 100
111 42.1 31.0 57.6
148 66.9 45.4 84.4

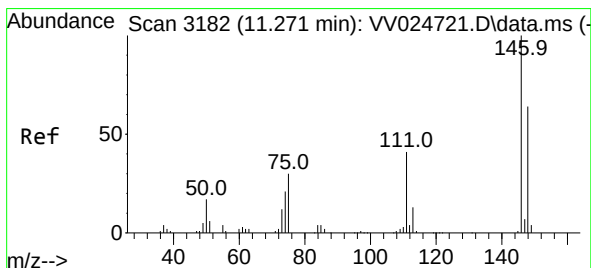
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Supervised By :Semsettin Yesilyurt 02/18/2022

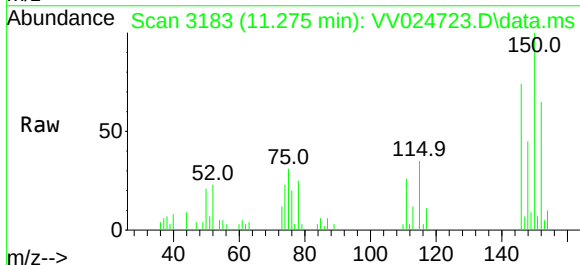


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Yesilyurt

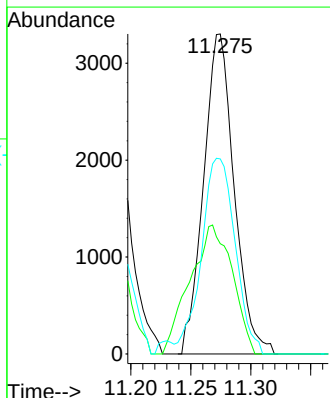
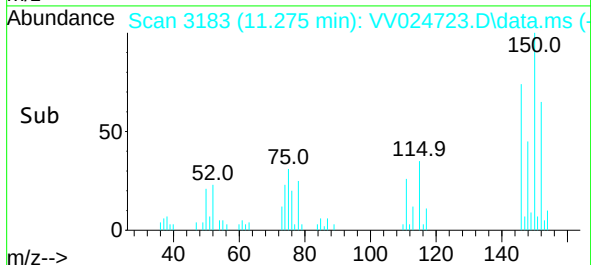
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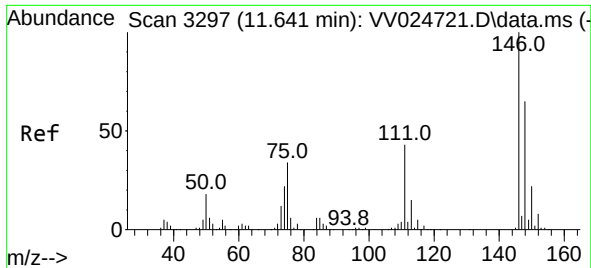


#65
1,4-Dichlorobenzene
Concen: 0.235 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.004 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



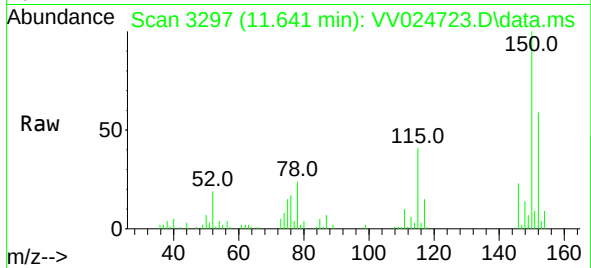
Tgt Ion:146 Resp: 5858
Ion Ratio Lower Upper
146 100
111 34.4 28.3 52.7
148 61.0 44.0 81.8





#67
1,2-Dichlorobenzene
Concen: 0.239 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

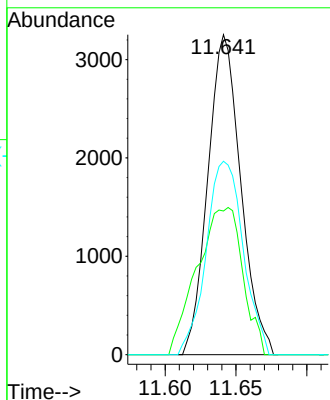
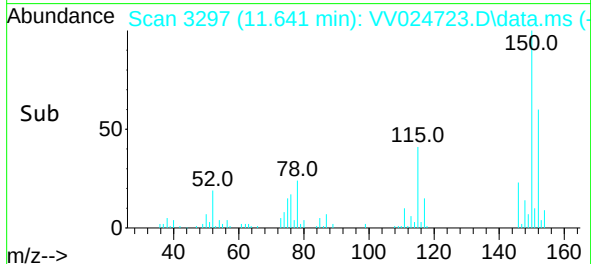
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion:146 Resp: 526
Ion Ratio Lower Upper
146 100
111 44.9 36.0 54.0
148 60.4 50.4 75.6

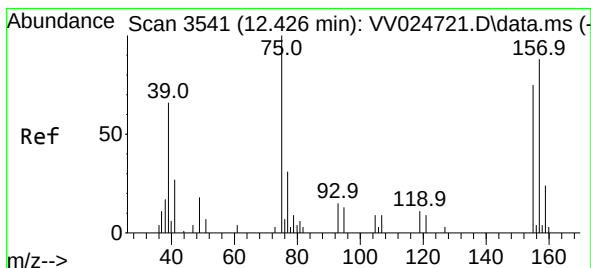
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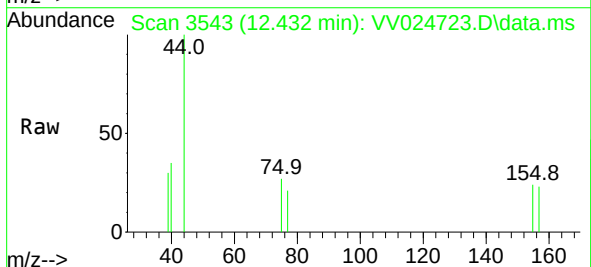


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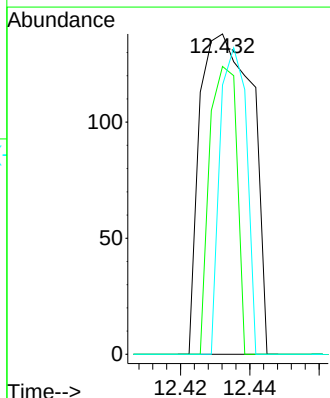
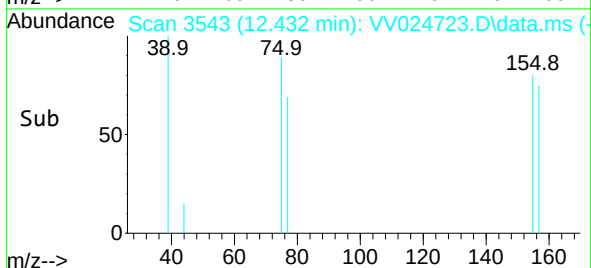
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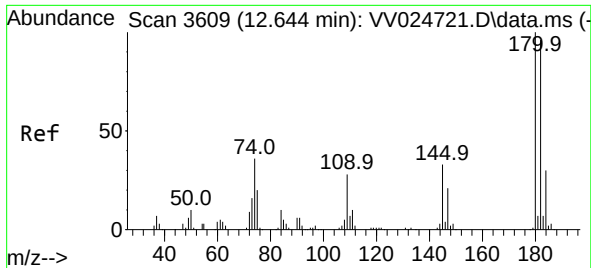


#68
1,2-Dibromo-3-chloropropane
Concen: 0.130 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



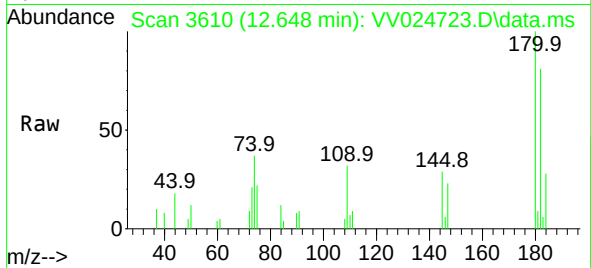
Tgt Ion: 75 Resp: 144
Ion Ratio Lower Upper
75 100
155 89.9 61.7 92.5
157 84.1 73.5 110.3





#69
1,3,5-Trichlorobenzene
Concen: 0.224 ug/L
RT: 12.648 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

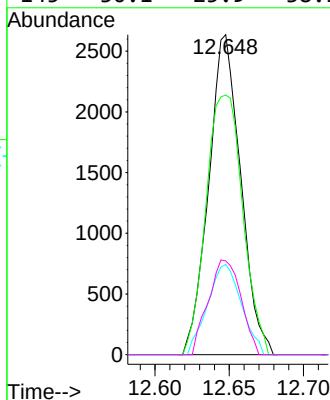
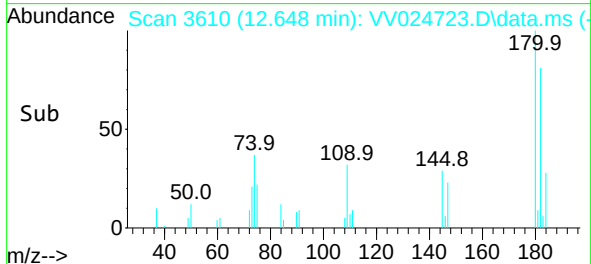
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion:180 Resp: 3960
Ion Ratio Lower Upper
180 100
182 92.9 74.6 111.8
184 29.8 23.8 35.8
145 30.1 25.9 38.9

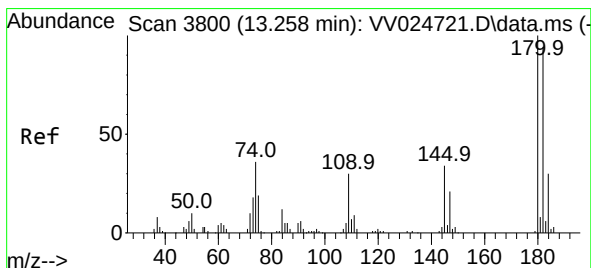
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Supervised By :Semsettin Yesilyurt 02/18/2022

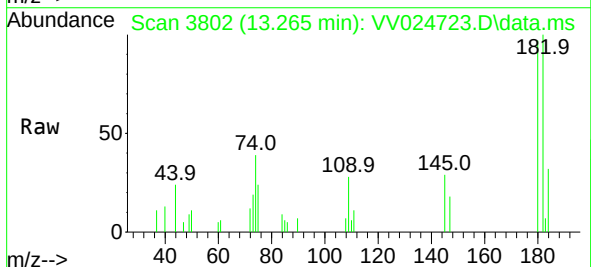


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Yesilyurt

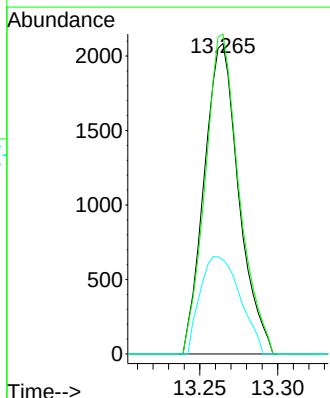
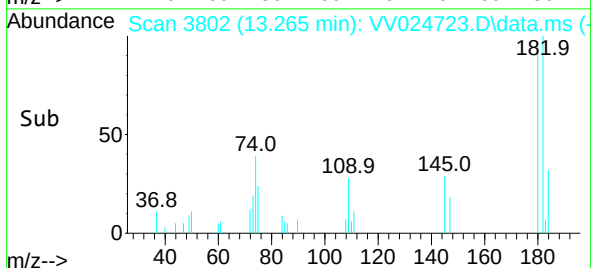
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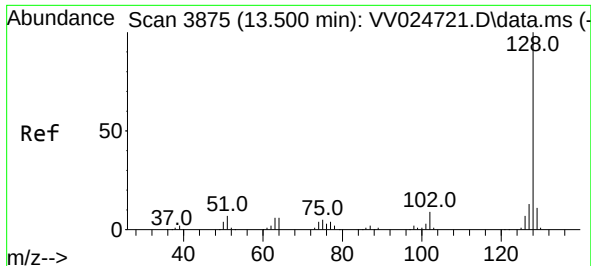


#70
1,2,4-trichlorobenzene
Concen: 0.231 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



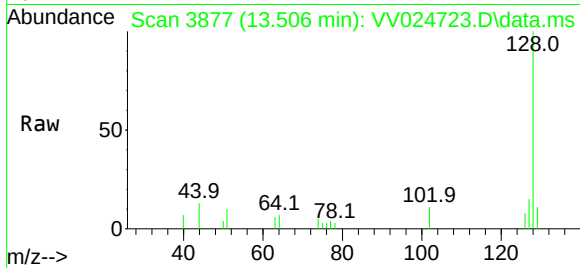
Tgt Ion:180 Resp: 3215
Ion Ratio Lower Upper
180 100
182 101.2 75.0 112.6
145 36.1 26.9 40.3





#71
Naphthalene
Concen: 0.235 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40

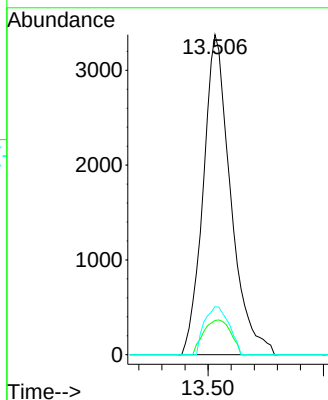
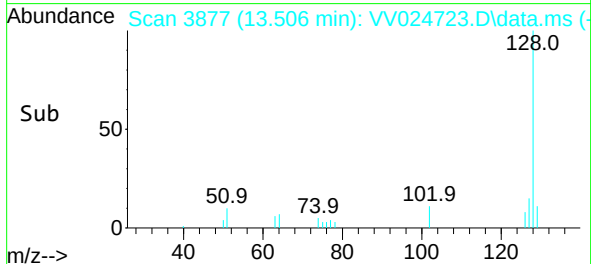
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion:128 Resp: 556
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.5 10.2 15.2

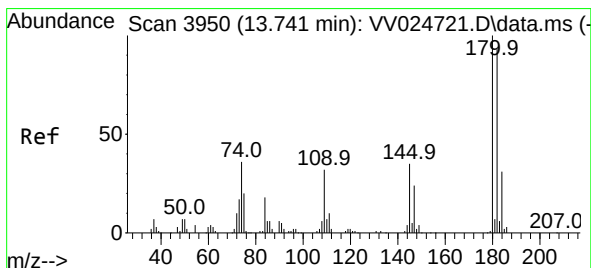
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Supervised By :Semsettin Yesilyurt 02/18/2022

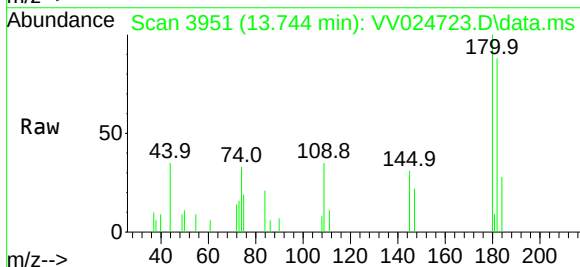


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Yesilyurt

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#72
1,2,3-Trichlorobenzene
Concen: 0.233 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024723.D
Acq: 17 Feb 2022 15:40



Tgt Ion:180 Resp: 2712
Ion Ratio Lower Upper
180 100
182 92.3 75.6 113.4
145 32.6 28.5 42.7

