

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032219.D
 Acq On : 04 Oct 2023 10:38
 Operator : SY/MD
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Oct 05 01:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	105027	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39154	4.584	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.532	69	33793	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.060	65	16514	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.809	46	66026	30.557	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.120%
24) Chloroform-d	4.252	84	68980	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.947	65	32984	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.963	84	141606	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.992	67	47216	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.246	98	125300	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.561	79	16125	4.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.030	63	70874	42.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.480%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32313	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	44811	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	2467	0.211	ug/L	97
3) Chloromethane	1.217	50	2602	0.221	ug/L	98
5) Vinyl chloride	1.281	62	2626	0.233	ug/L #	75
6) Bromomethane	1.487	94	1403	0.206	ug/L	92
8) Chloroethane	1.552	64	1501	0.222	ug/L	100
9) Trichlorofluoromethane	1.716	101	2726	0.202	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2043	0.250	ug/L	95
12) 1,1-Dichloroethene	2.072	96	1867	0.242	ug/L #	1
13) Acetone	2.127	43	2670m	1.603	ug/L	
14) Carbon disulfide	2.243	76	5636	0.209	ug/L #	93
15) Methyl Acetate	2.391	43	1073m	0.286	ug/L	
16) Methylene chloride	2.449	84	5396	0.537	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	3984	0.190	ug/L #	93
18) trans-1,2-Dichloroethene	2.703	96	1796	0.204	ug/L	98
19) 1,1-Dichloroethane	3.114	63	3490	0.210	ug/L #	86
22) cis-1,2-Dichloroethene	3.825	96	1928	0.203	ug/L	97
23) Bromochloromethane	4.159	128	786m	0.197	ug/L	
27) 1,2-Dichloroethane	5.066	62	1985	0.206	ug/L #	80
29) 1,1,1-Trichloroethane	4.523	97	2817	0.201	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.587	56	2830	0.183	ug/L	96
31) Carbon tetrachloride	4.735	117	2281	0.192	ug/L	97
33) Benzene	5.018	78	7256	0.200	ug/L	100
34) Trichloroethene	5.850	95	1831	0.185	ug/L	94
35) Methylcyclohexane	6.053	83	3498	0.228	ug/L #	83
37) 1,2-Dichloropropane	6.104	63	2411m	0.248	ug/L	
38) Bromodichloromethane	6.448	83	1975	0.171	ug/L #	90
39) cis-1,3-Dichloropropene	6.969	75	2845m	0.206	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	8797	1.430	ug/L #	86
42) Toluene	7.326	91	7210	0.186	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	2252m	0.198	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	1249	0.182	ug/L	94
47) Tetrachloroethene	7.911	164	1454	0.193	ug/L	90
48) 2-Hexanone	8.088	43	14750m	3.399	ug/L	
49) Dibromochloromethane	8.185	129	1309	0.183	ug/L	91
50) 1,2-Dibromoethane	8.294	107	1138	0.175	ug/L #	90
51) Chlorobenzene	8.821	112	4970	0.199	ug/L	98
52) Ethylbenzene	8.953	91	7222	0.167	ug/L	99
53) m,p-Xylene	9.082	106	2892	0.181	ug/L	99
54) o-Xylene	9.487	106	2702	0.175	ug/L	84
55) Styrene	9.509	104	4071	0.156	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.181	83	1606	0.213	ug/L #	90
59) Bromoform	9.670	173	589	0.171	ug/L #	94
60) Isopropylbenzene	9.873	105	7058	0.191	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	1079	0.213	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.484	105	5693	0.189	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	5196	0.174	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	3641	0.207	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	3768	0.213	ug/L	89
67) 1,2-Dichlorobenzene	11.583	146	3562	0.222	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	2623	0.203	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	2396	0.209	ug/L	87
71) Naphthalene	13.451	128	3959	0.204	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	1866	0.189	ug/L	99

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

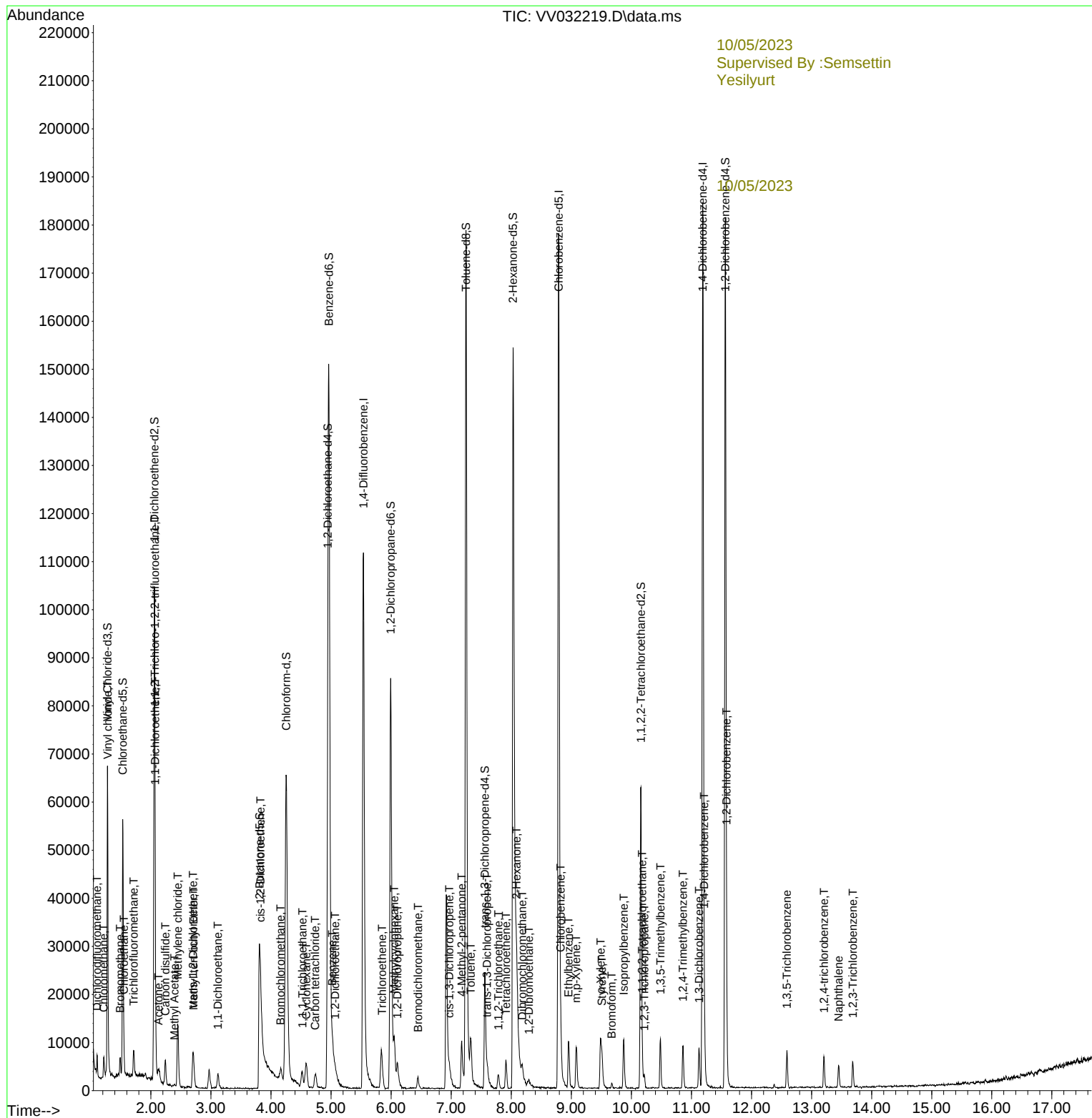
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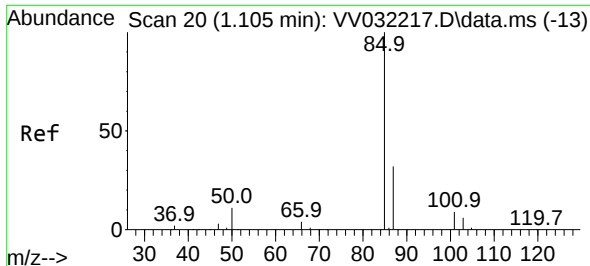
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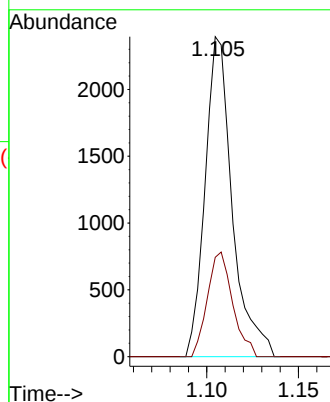
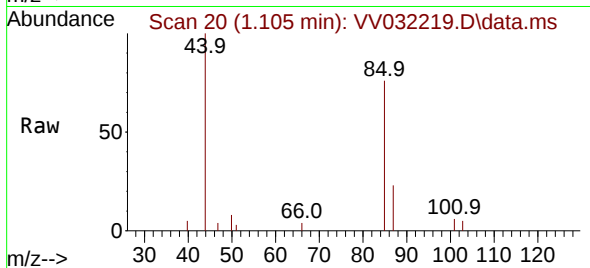
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Dichlorodifluoromethane
Concen: 0.211 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 85 Resp: 246
Ion Ratio Lower Upper
85 100
87 30.4 25.5 38.3

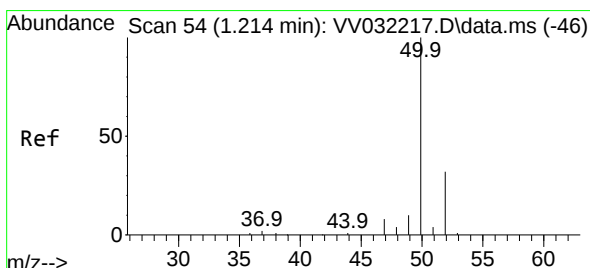
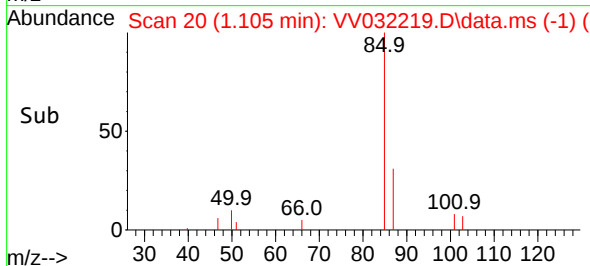
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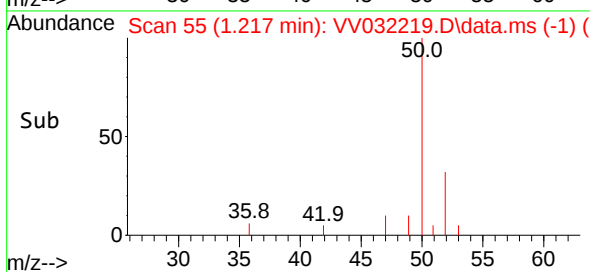
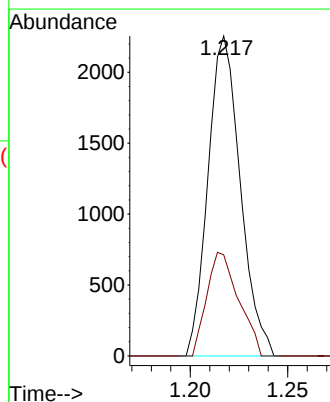
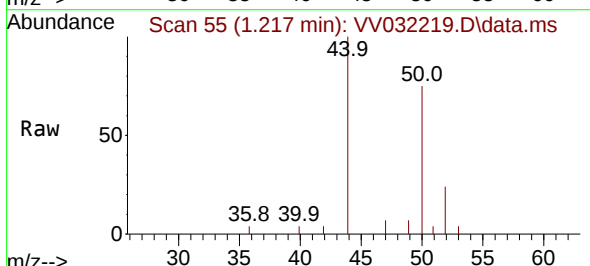
10/05/2023
Supervised By :Semsettin
Yesilyurt

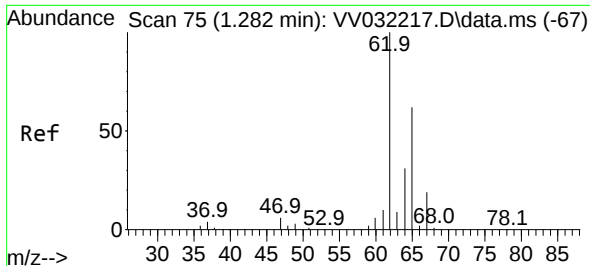
10/05/2023



#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

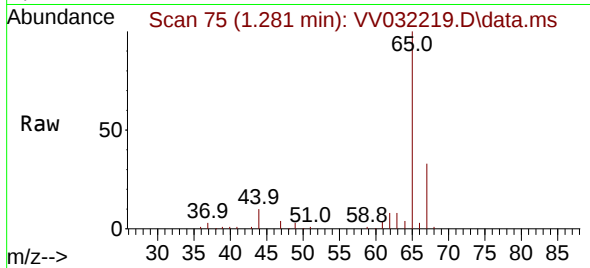
Tgt Ion: 50 Resp: 2602
Ion Ratio Lower Upper
50 100
52 31.6 23.0 42.6





#5
 Vinyl chloride
 Concen: 0.233 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032219.D
 Acq: 04 Oct 2023 10:38

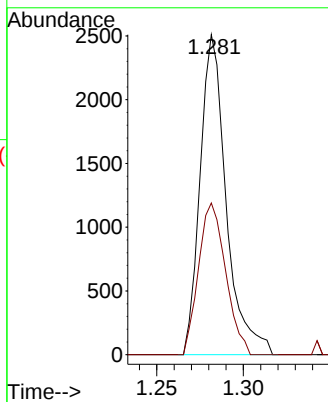
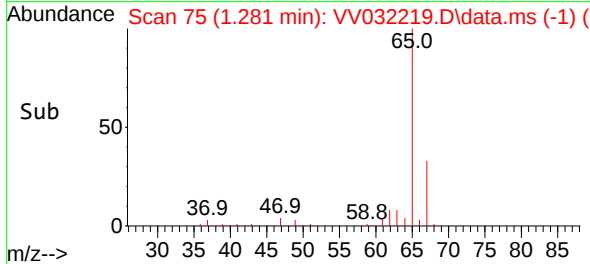
Instrument :
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 MDL-WATER-QT4-2023-07



Tgt Ion: 62 Resp: 2620
 Ion Ratio Lower Upper
 62 100
 64 47.4 23.1 42.9

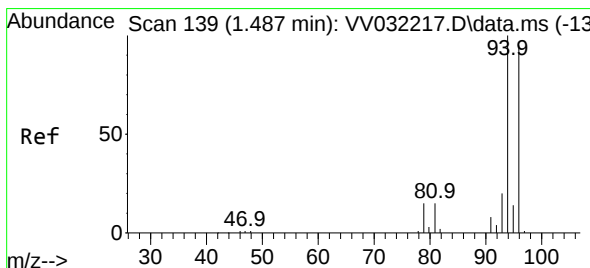
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 Dadoda



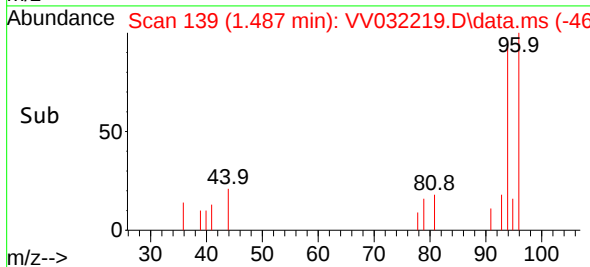
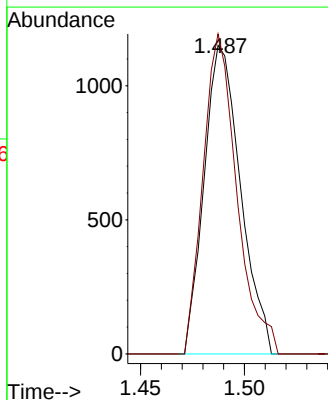
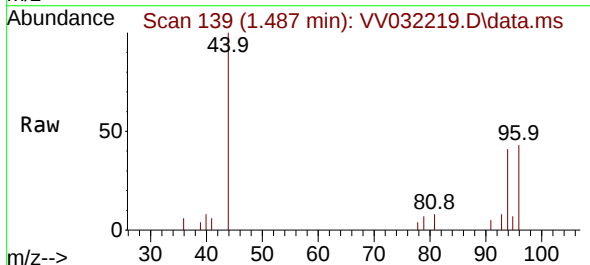
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 Supervised By :Semsettin
 Yesilyurt

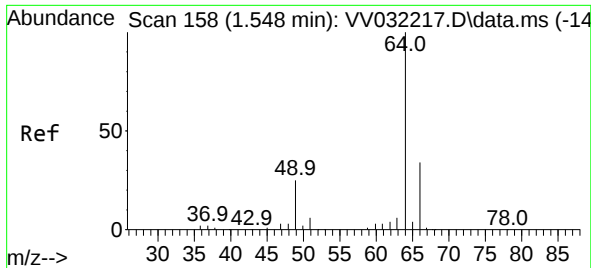
10/05/2023



#6
 Bromomethane
 Concen: 0.206 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032219.D
 Acq: 04 Oct 2023 10:38

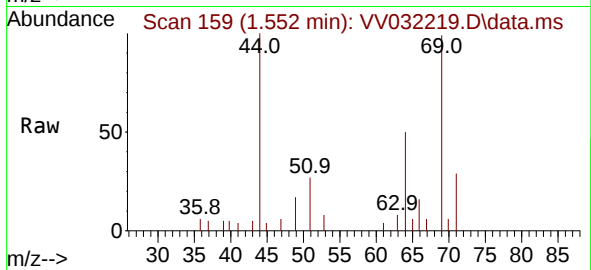
Tgt Ion: 94 Resp: 1403
 Ion Ratio Lower Upper
 94 100
 96 103.7 66.8 124.2





#8
Chloroethane
Concen: 0.222 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

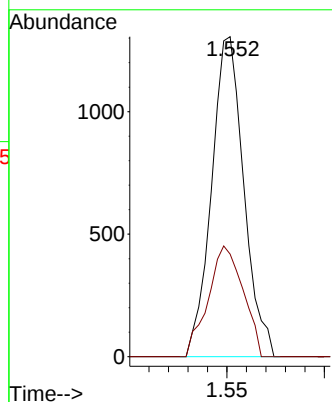
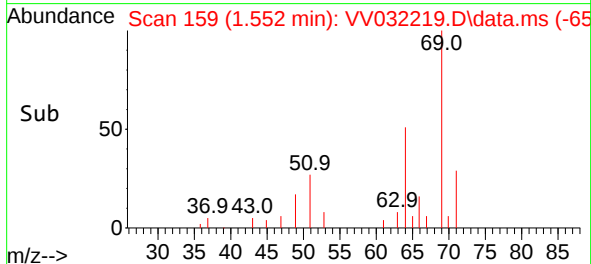
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Tgt Ion: 64 Resp: 150
Ion Ratio Lower Upper
64 100
66 32.1 22.6 42.0

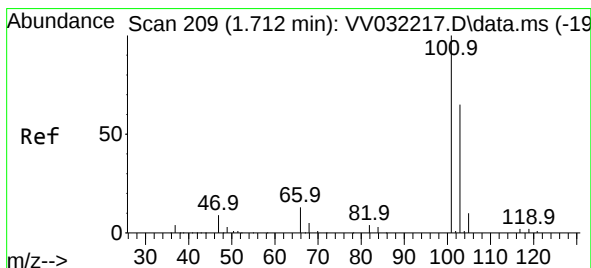
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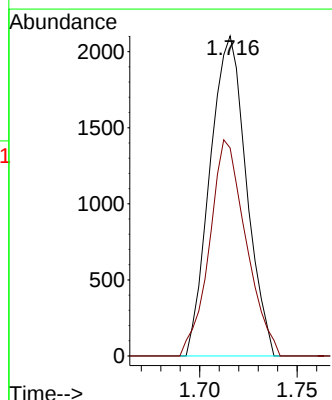
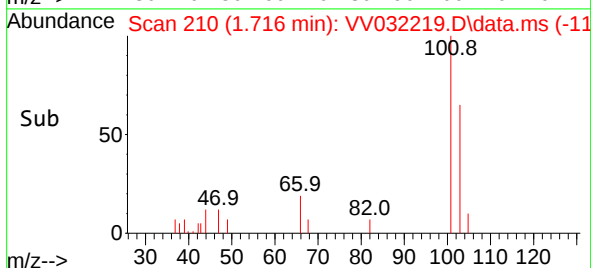
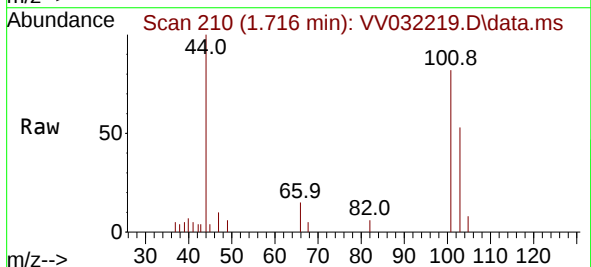
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Yesilyurt

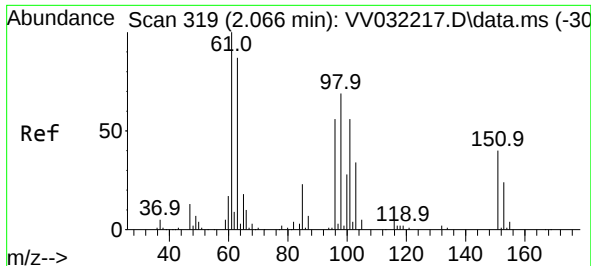
10/05/2023



#9
Trichlorofluoromethane
Concen: 0.202 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion:101 Resp: 2726
Ion Ratio Lower Upper
101 100
103 67.8 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.250 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

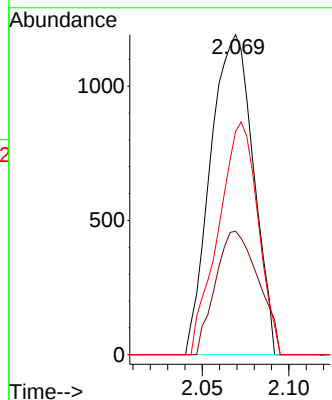
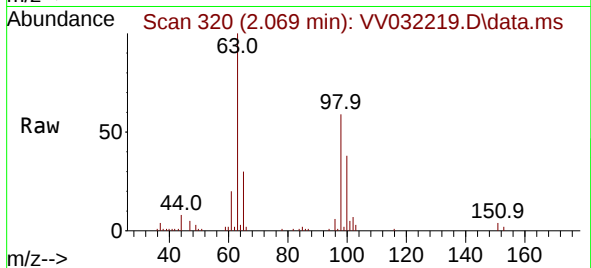
ClientSampleId :

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Tgt Ion:	101	Resp:	204
Ion Ratio	Lower	Upper	
101	100		
85	38.9	35.0	52.6
151	67.4	56.6	84.8

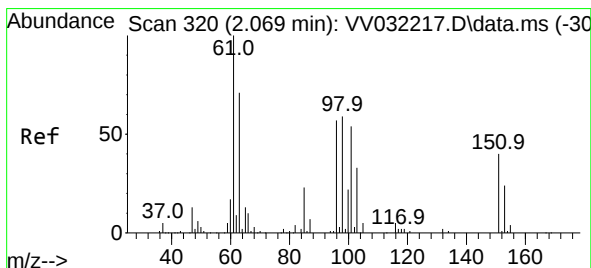
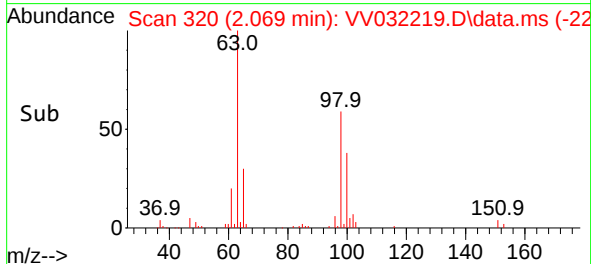
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Yesilyurt

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#12

1,1-Dichloroethene

Concen: 0.242 ug/L

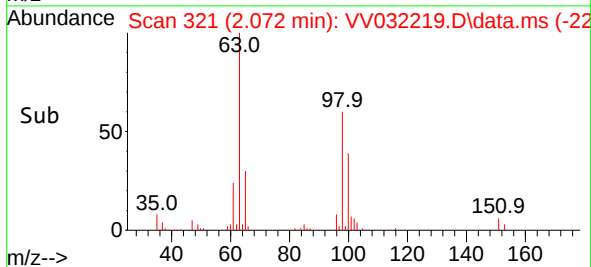
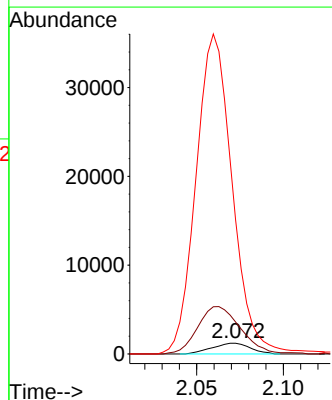
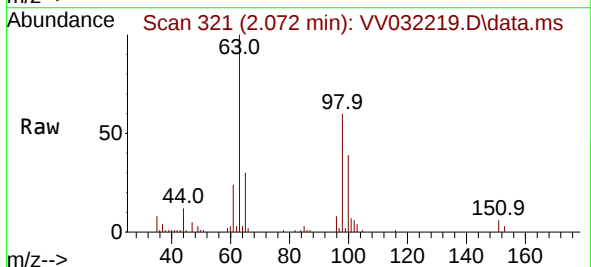
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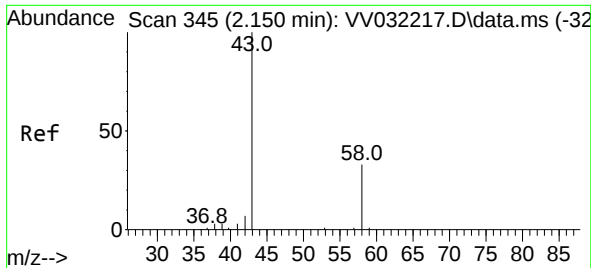
Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion:	96	Resp:	1867
Ion Ratio	Lower	Upper	
96	100		
61	296.8	127.3	236.3#
63	1244.5	98.3	182.7#





#13

Acetone

Concen: 1.603 ug/L m

RT: 2.127 min Scan# 31

Delta R.T. -0.023 min

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MSVOA_V

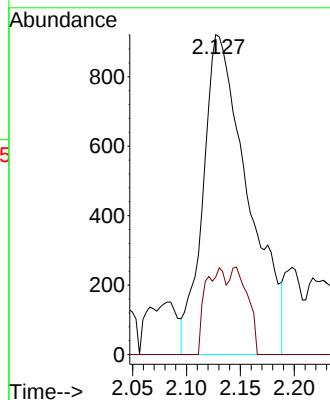
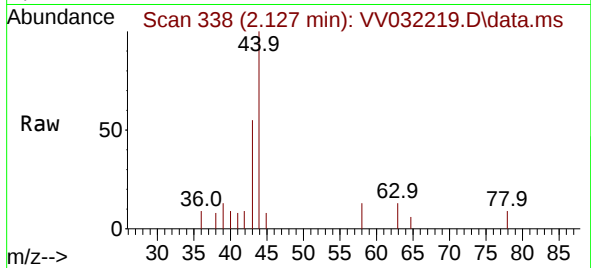
ClientSampleId :

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Tgt Ion: 43 Resp: 2670
 Ion Ratio Lower Upper
 43 100
 58 12.3 0.0 66.0

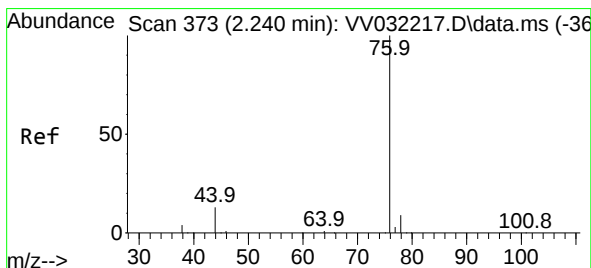
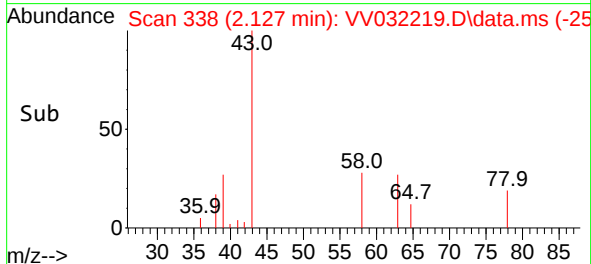
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#14

Carbon disulfide

Concen: 0.209 ug/L

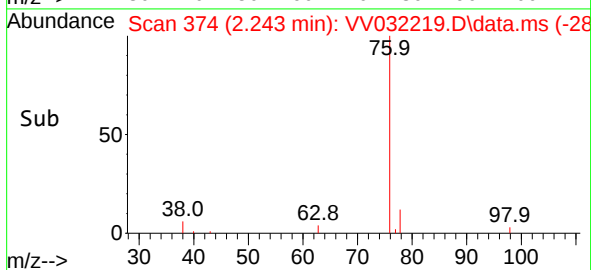
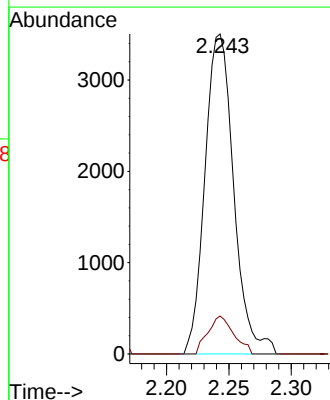
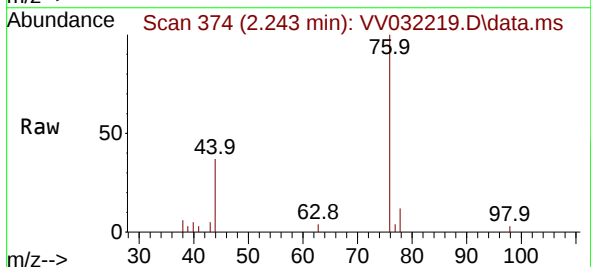
RT: 2.243 min Scan# 374

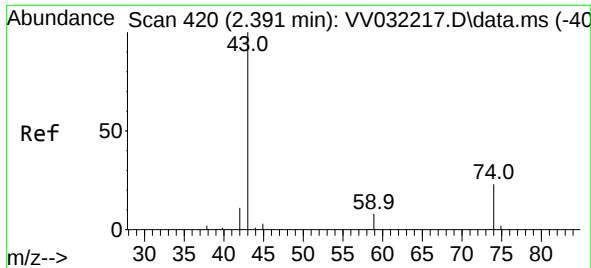
Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion: 76 Resp: 5636
 Ion Ratio Lower Upper
 76 100
 78 11.8 7.4 11.2#





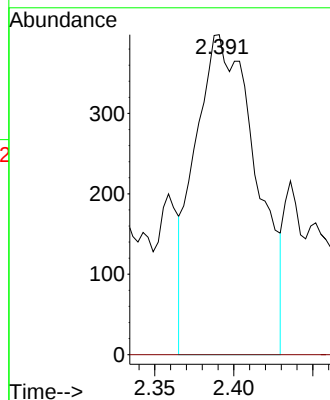
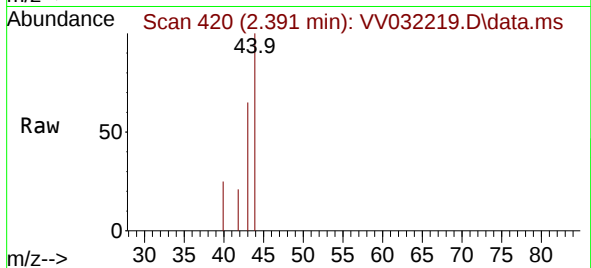
#15
Methyl Acetate
Concen: 0.286 ug/L m
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0

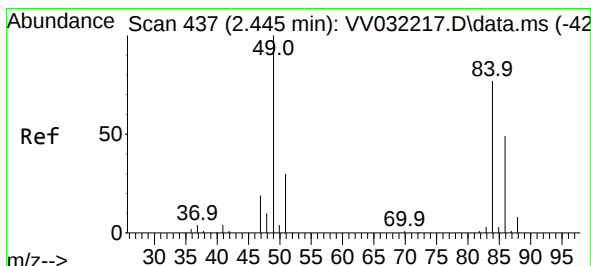
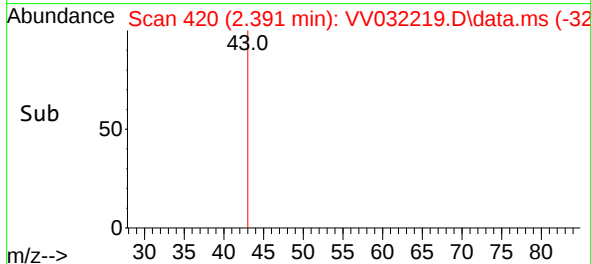
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



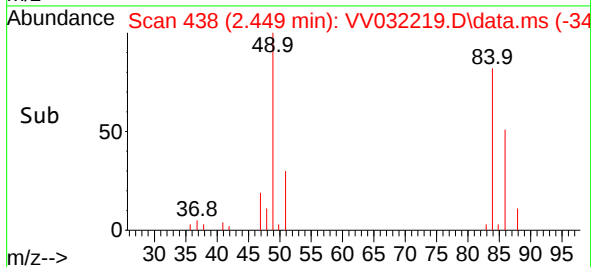
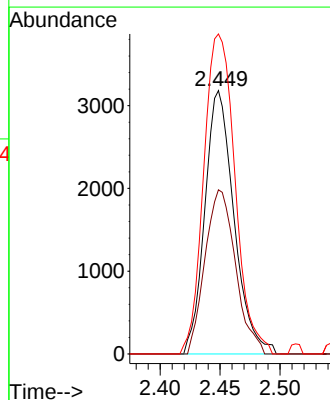
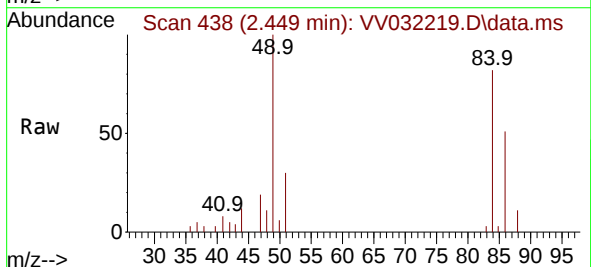
10/05/2023
Supervised By :Semsettin
Yesilyurt

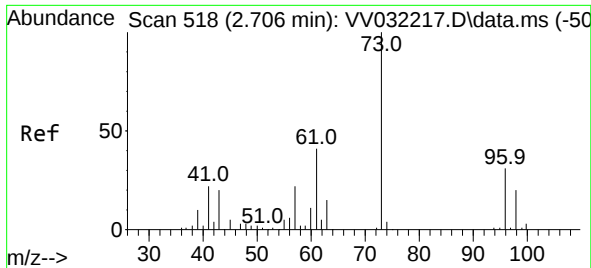
10/05/2023



#16
Methylene chloride
Concen: 0.537 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

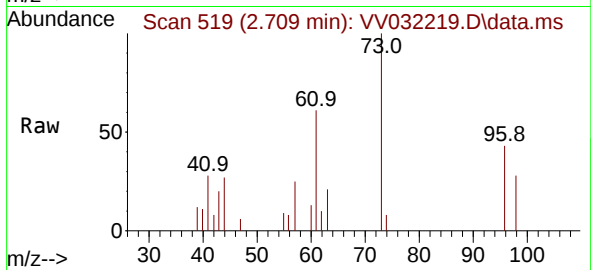
Tgt Ion: 84 Resp: 5396
Ion Ratio Lower Upper
84 100
86 62.3 43.2 80.2
49 121.5 86.3 160.3





#17
Methyl tert-butyl Ether
Concen: 0.190 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

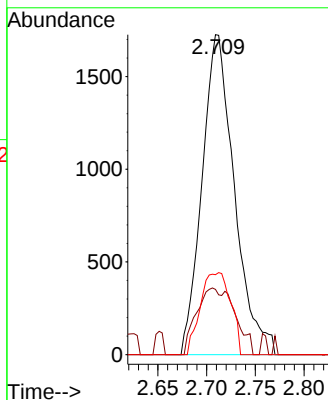
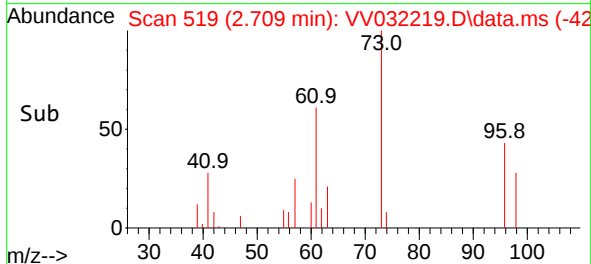
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 73 Resp: 3984
Ion Ratio Lower Upper
73 100
43 24.7 15.1 22.7
57 23.9 18.3 27.5

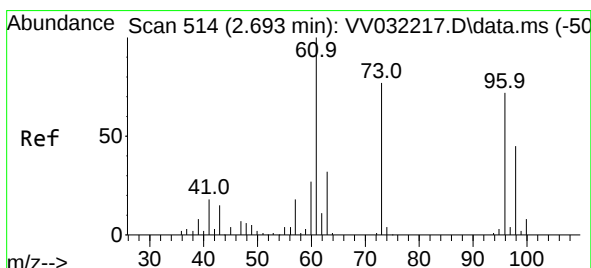
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



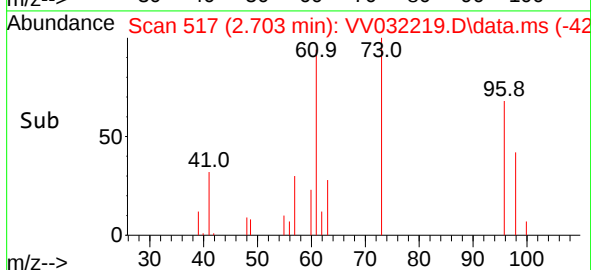
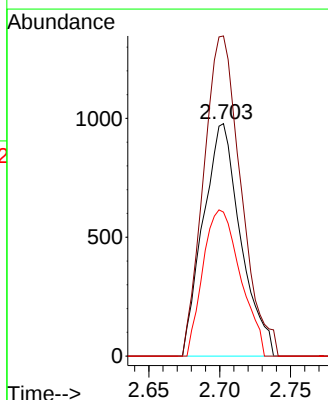
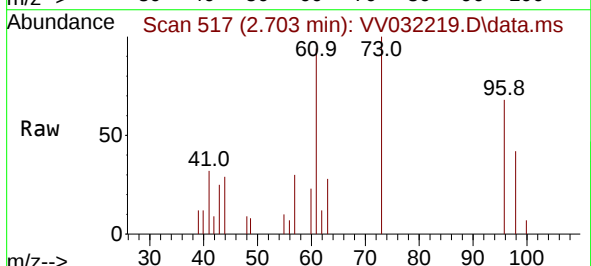
10/05/2023
Supervised By :Semsettin
Yesilyurt

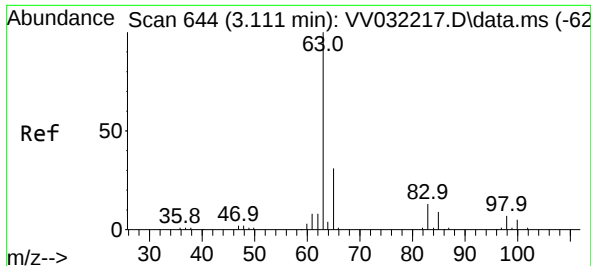
10/05/2023



#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

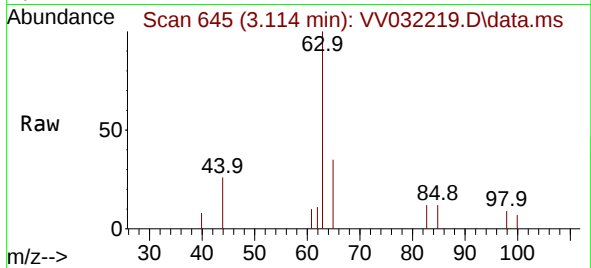
Tgt Ion: 96 Resp: 1796
Ion Ratio Lower Upper
96 100
61 137.7 96.9 180.1
98 62.0 45.3 84.1





#19
1,1-Dichloroethane
Concen: 0.210 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

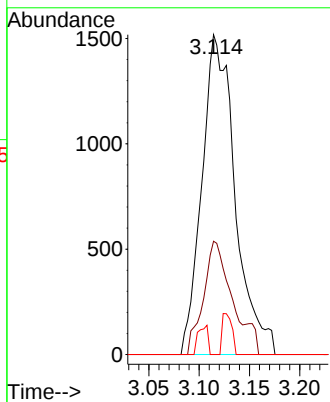
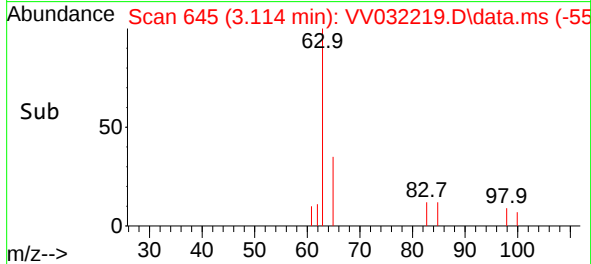
Instrument : MSVOA_V
Client SampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 63 Resp: 3490
Ion Ratio Lower Upper
63 100
65 35.4 22.3 41.5
83 0.0 9.0 16.6

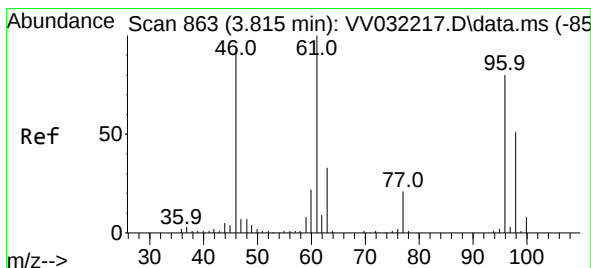
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



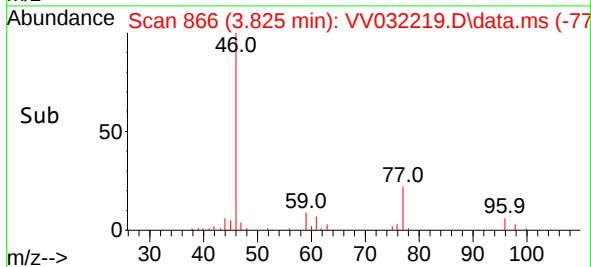
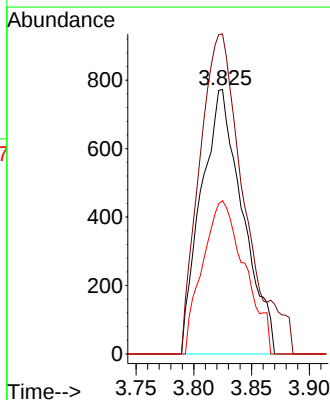
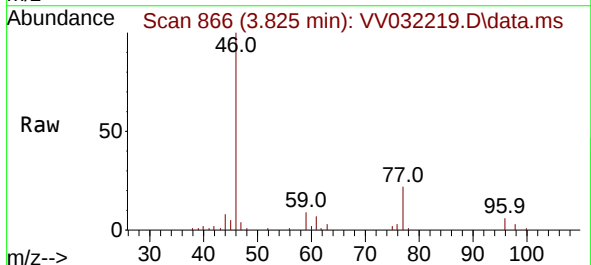
10/05/2023
Supervised By :Semsettin
Yesilyurt

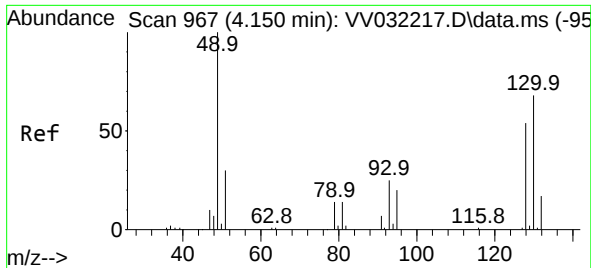
10/05/2023



#22
cis-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

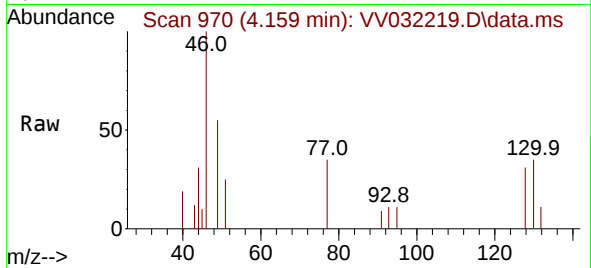
Tgt Ion: 96 Resp: 1928
Ion Ratio Lower Upper
96 100
61 121.0 85.8 159.4
98 58.0 44.0 81.6





#23
Bromochloromethane
Concen: 0.197 ug/L m
RT: 4.159 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

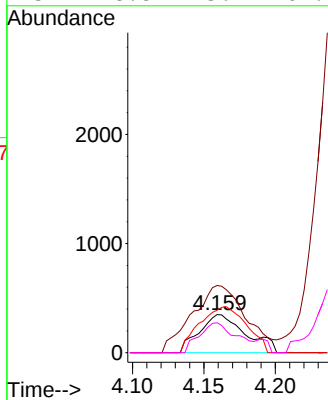
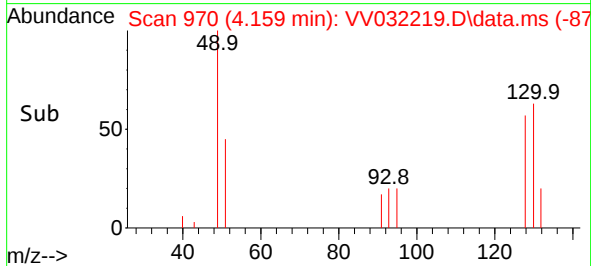
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:128 Resp: 780
Ion Ratio Lower Upper
128 100
49 176.5 121.2 225.0
130 111.5 88.2 163.8
51 78.8 45.1 67.7#

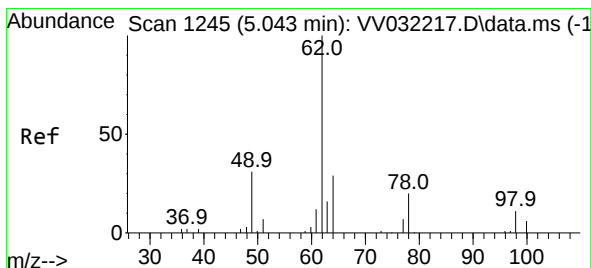
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



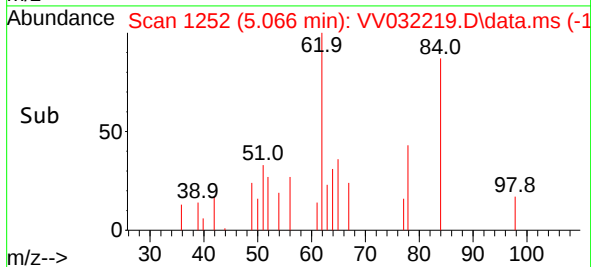
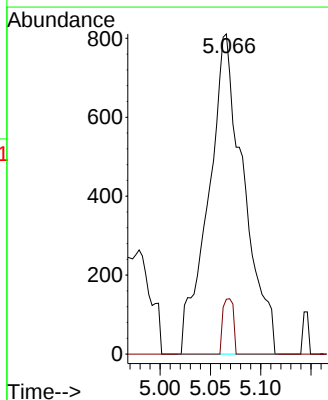
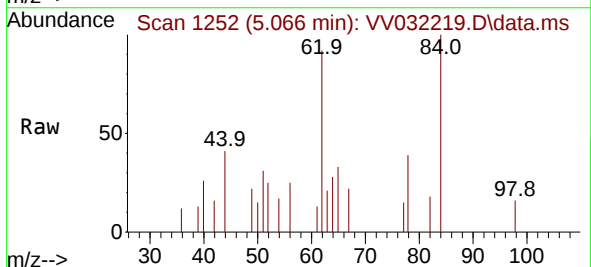
10/05/2023
Supervised By :Semsettin
Yesilyurt

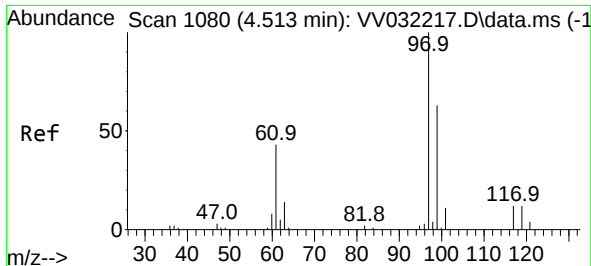
10/05/2023



#27
1,2-Dichloroethane
Concen: 0.206 ug/L
RT: 5.066 min Scan# 1252
Delta R.T. 0.022 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 62 Resp: 1985
Ion Ratio Lower Upper
62 100
98 17.1 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.201 ug/L

RT: 4.523 min Scan# 1103

Delta R.T. 0.010 min

Lab File: VV032219.D

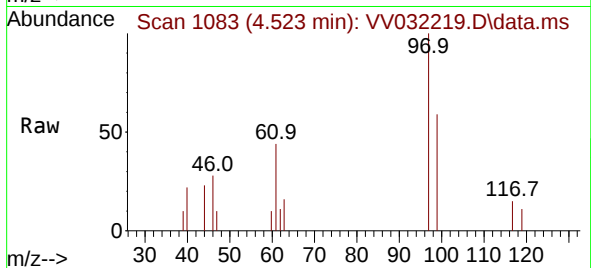
Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

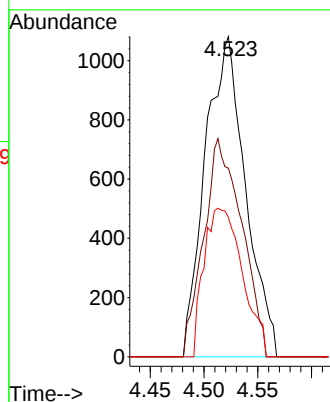
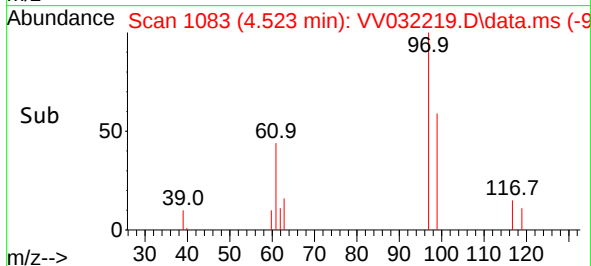
MDL-WATER-QT4-2023-07



Tgt Ion:	97	Resp:	281
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.1	75.1
61	44.3	35.1	52.7

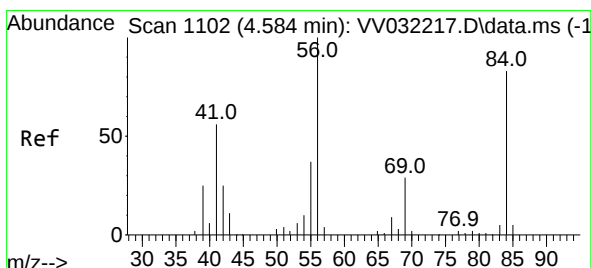
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



10/05/2023
Supervised By :Semsettin
Yesilyurt

10/05/2023



#30

Cyclohexane

Concen: 0.183 ug/L

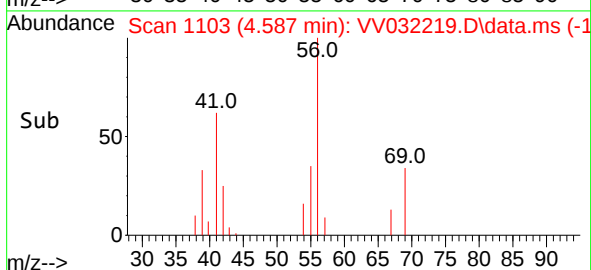
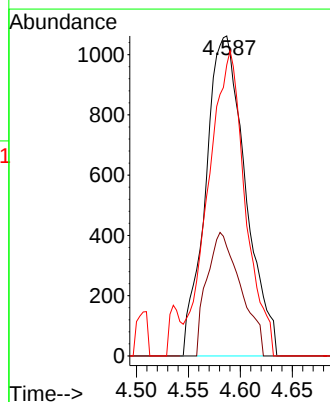
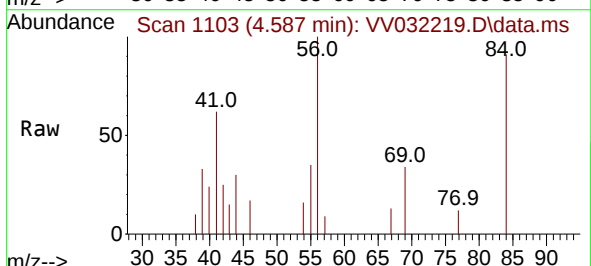
RT: 4.587 min Scan# 1103

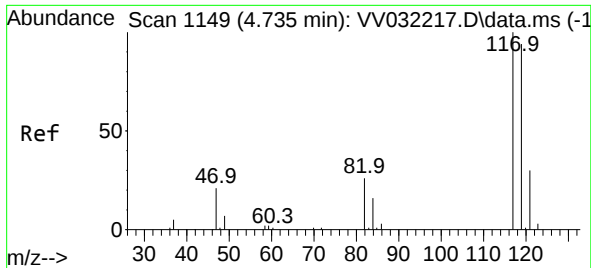
Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

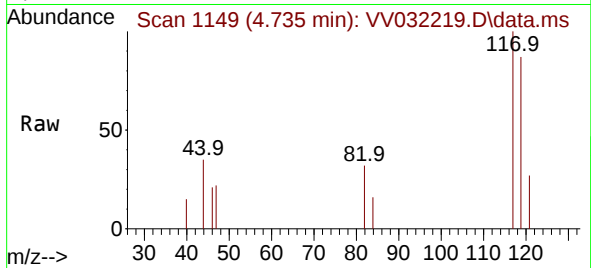
Tgt Ion:	56	Resp:	2830
Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.2	36.2
84	88.1	68.1	102.1





#31
Carbon tetrachloride
Concen: 0.192 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

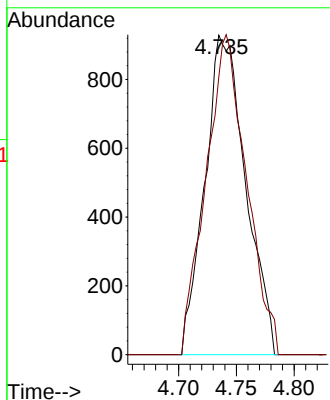
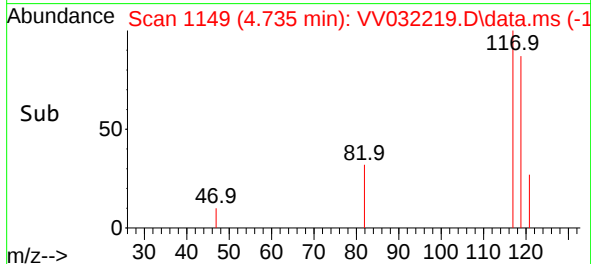
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 117 Resp: 228
Ion Ratio Lower Upper
117 100
119 99.5 77.6 116.4

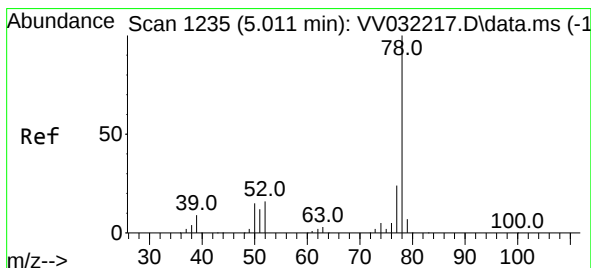
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



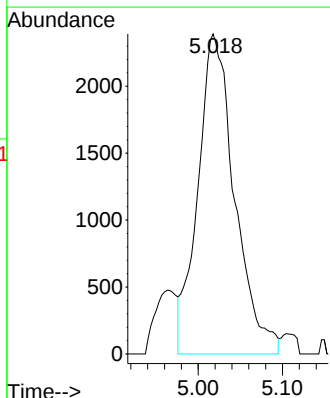
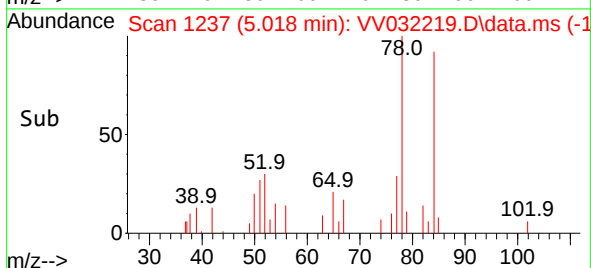
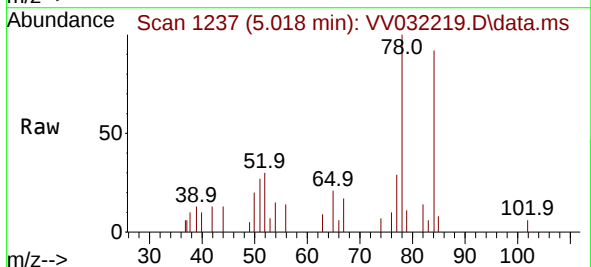
10/05/2023
Supervised By :Semsettin
Yesilyurt

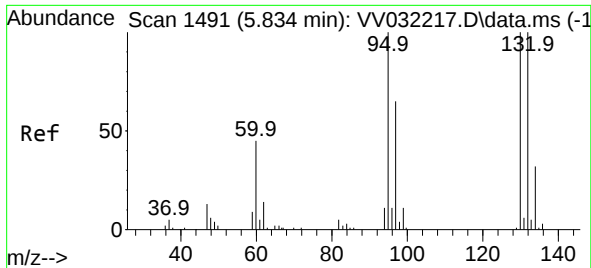
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#33
Benzene
Concen: 0.200 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

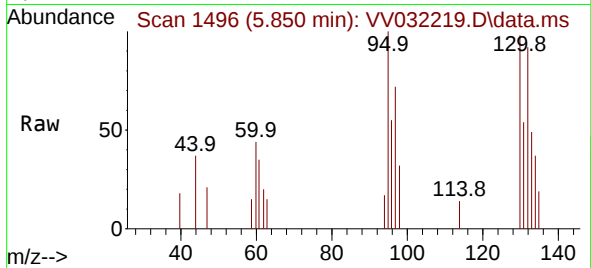
Tgt Ion: 78 Resp: 7256





#34
Trichloroethene
Concen: 0.185 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.016 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

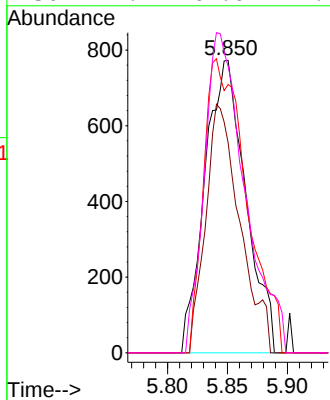
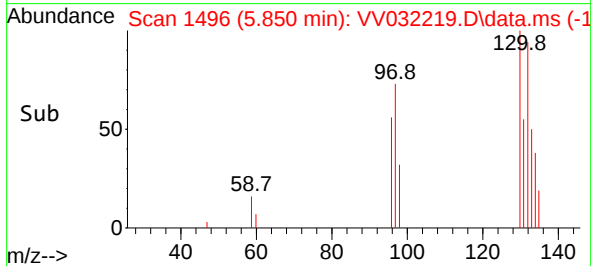
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 95 Resp: 183
Ion Ratio Lower Upper
95 100
97 71.8 45.7 84.9
132 91.7 70.3 130.5
130 97.9 69.6 129.2

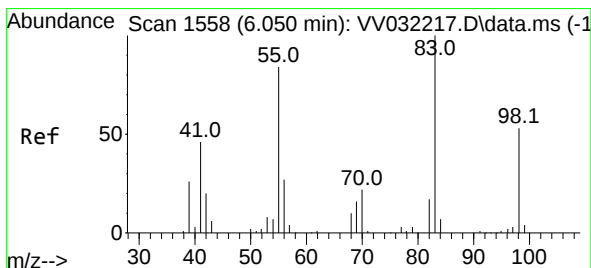
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



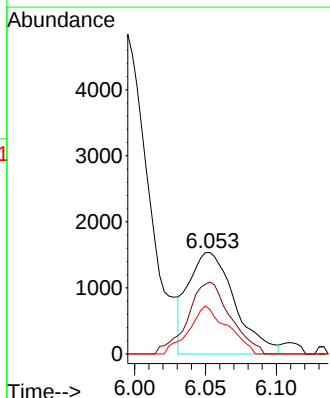
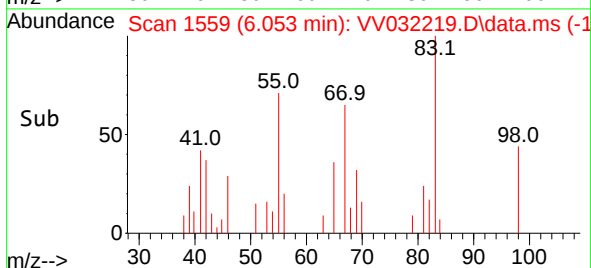
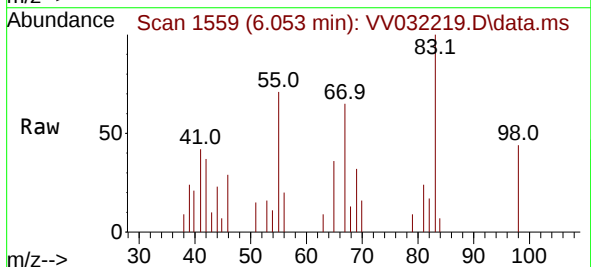
10/05/2023
Supervised By :Semsettin
Yesilyurt

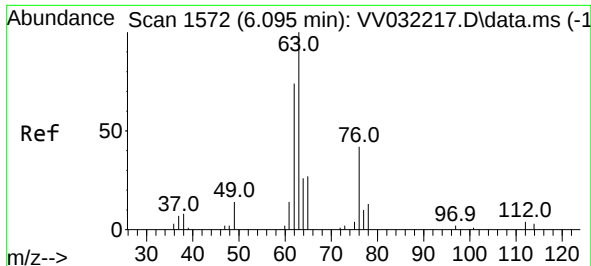
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#35
Methylcyclohexane
Concen: 0.228 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 83 Resp: 3498
Ion Ratio Lower Upper
83 100
55 64.9 64.2 96.2
98 39.1 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.248 ug/L m

RT: 6.104 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 63 Resp: 241

Ion Ratio Lower Upper

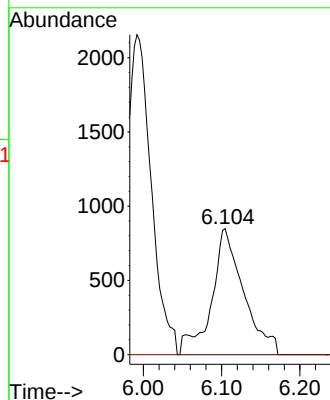
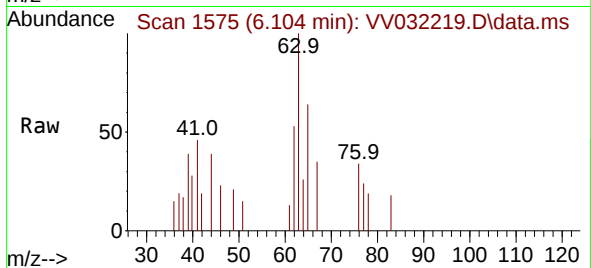
63 100

112 0.0 3.4 5.2

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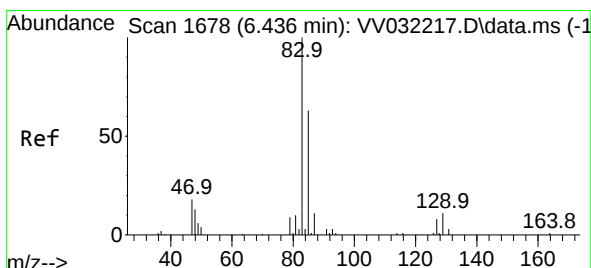
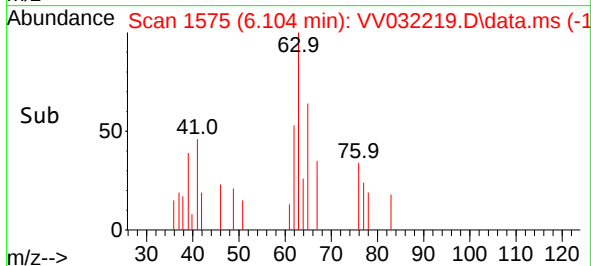
Reviewed By :Mahesh
Dadoda



10/05/2023

Supervised By :Semsettin
Yesilyurt

10/05/2023



#38

Bromodichloromethane

Concen: 0.171 ug/L

RT: 6.448 min Scan# 1682

Delta R.T. 0.013 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

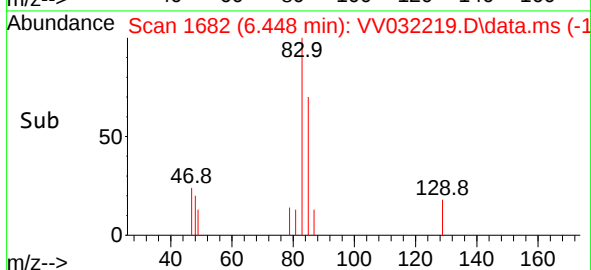
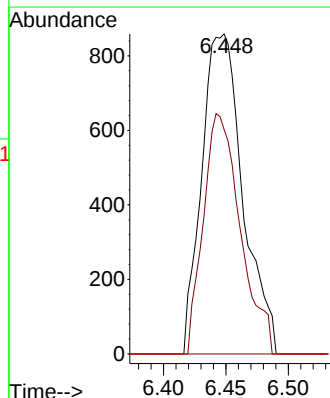
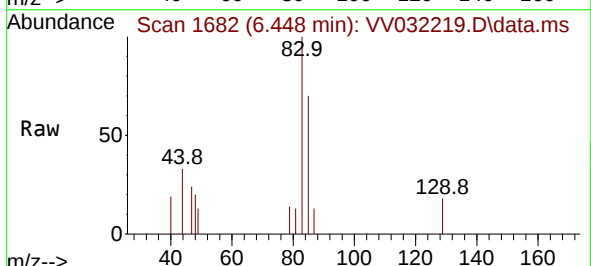
Tgt Ion: 83 Resp: 1975

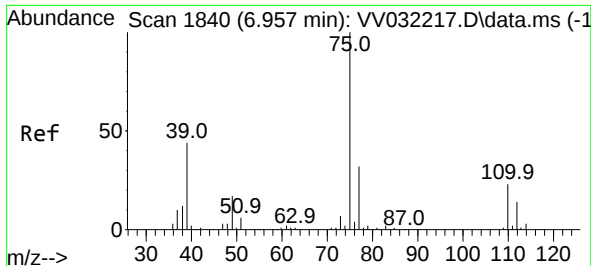
Ion Ratio Lower Upper

83 100

85 70.2 44.9 83.3

127 0.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.206 ug/L m

RT: 6.969 min Scan# 1840

Delta R.T. 0.013 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

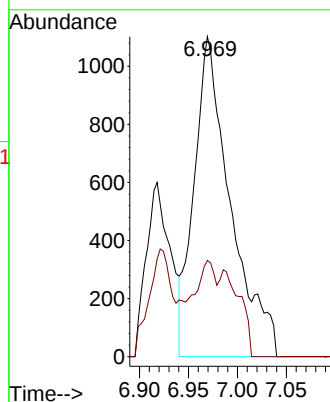
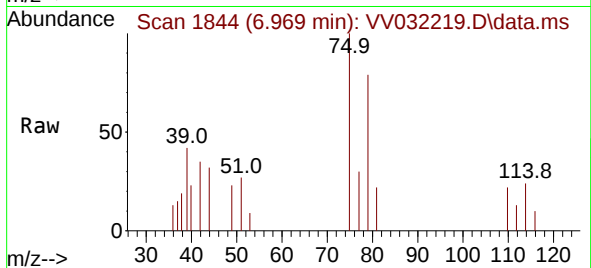
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 75 Resp: 2849
 Ion Ratio Lower Upper
 75 100
 77 30.0 22.2 41.2

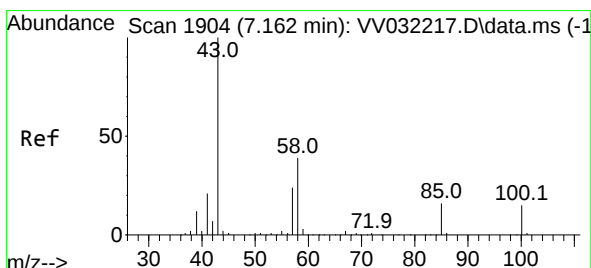
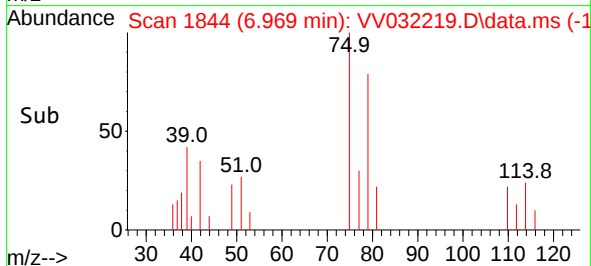
Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda



10/05/2023
 Supervised By :Semsettin
 Yesilyurt

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#40

4-Methyl-2-pentanone

Concen: 1.430 ug/L

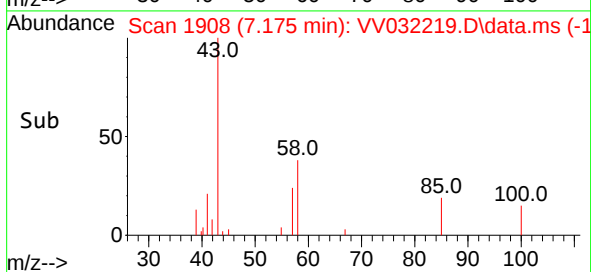
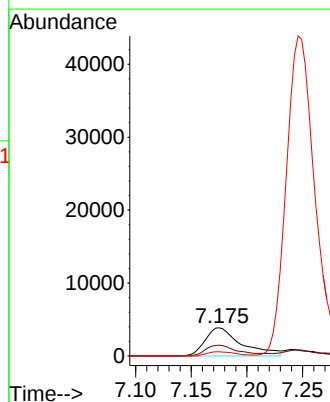
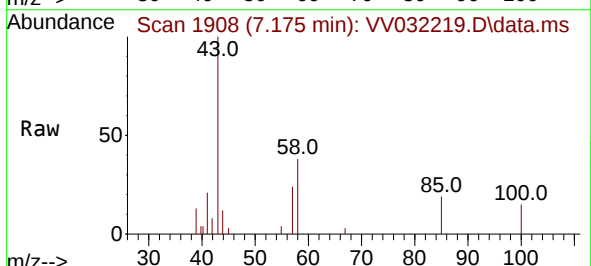
RT: 7.175 min Scan# 1908

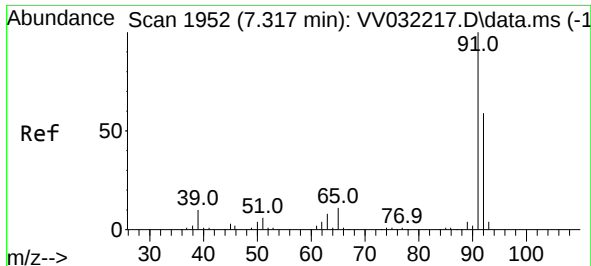
Delta R.T. 0.013 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion: 43 Resp: 8797
 Ion Ratio Lower Upper
 43 100
 58 36.0 31.9 47.9
 100 0.0 11.3 16.9#





#42

Toluene

Concen: 0.186 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

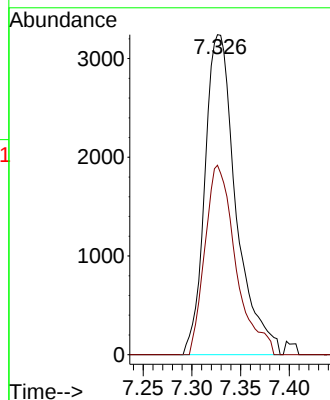
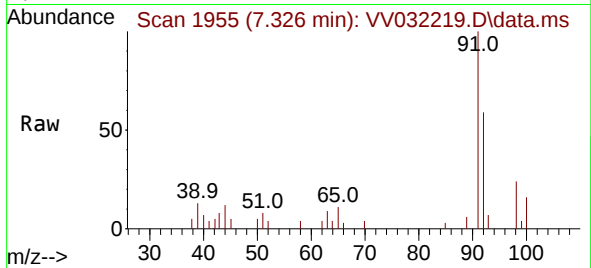
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 91 Resp: 7210
 Ion Ratio Lower Upper
 91 100
 92 59.2 40.8 75.8

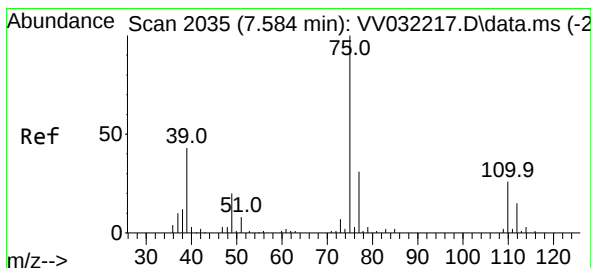
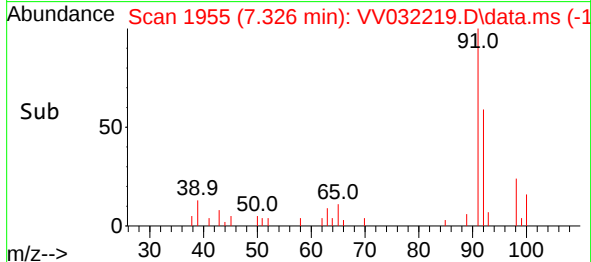
Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda



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 Supervised By :Semsettin
 Yesilyurt

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#44

trans-1,3-Dichloropropene

Concen: 0.198 ug/L m

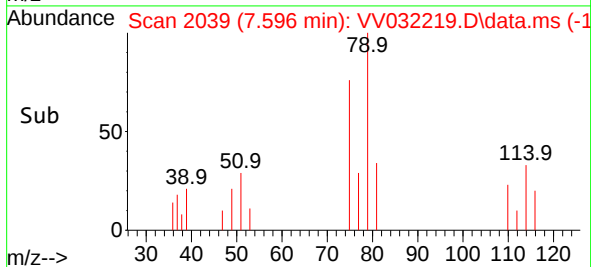
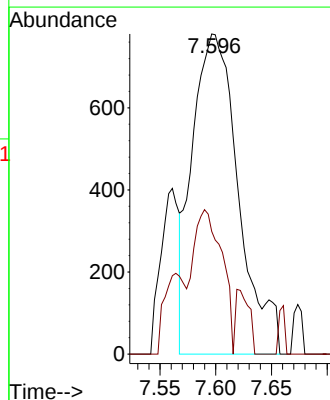
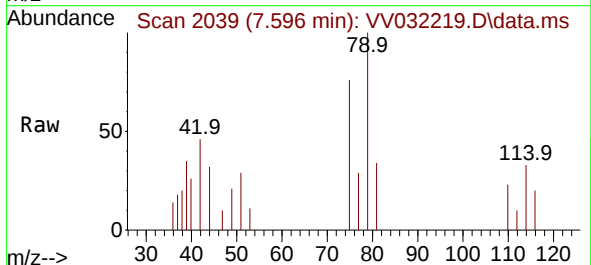
RT: 7.596 min Scan# 2039

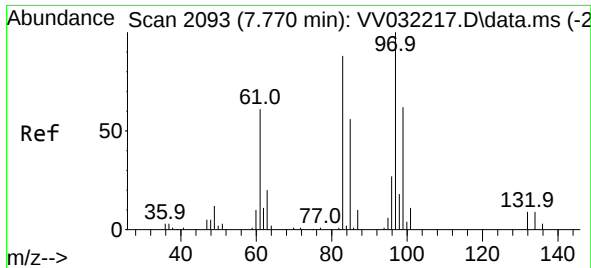
Delta R.T. 0.013 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion: 75 Resp: 2252
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 0.182 ug/L

RT: 7.786 min Scan# 2093

Delta R.T. 0.016 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 97 Resp: 1249

Ion Ratio Lower Upper

97 100

99 62.4 42.8 79.4

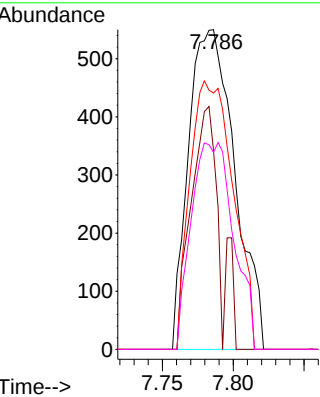
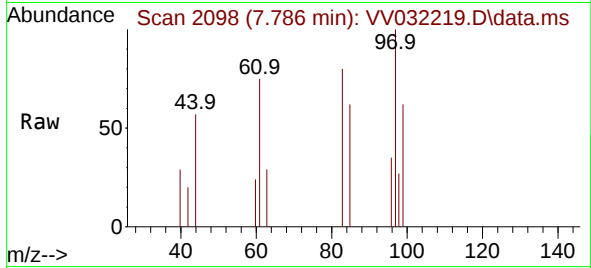
83 80.2 60.9 113.1

85 61.6 39.4 73.2

Manual Integrations

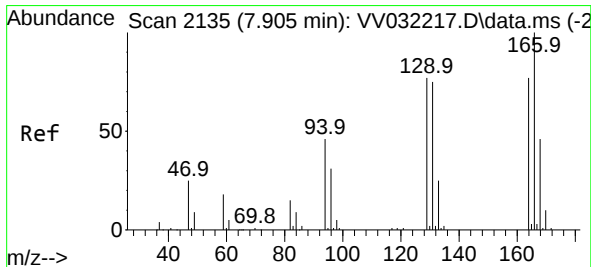
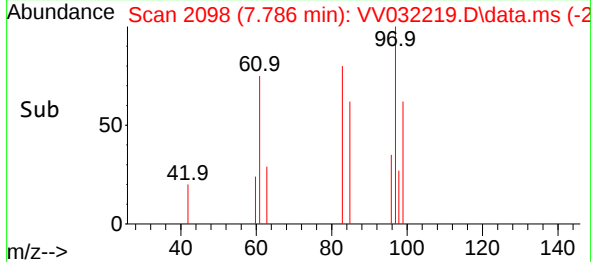
APPROVED

Reviewed By :Mahesh
Dadoda



10/05/2023
Supervised By :Semsettin
Yesilyurt

10/05/2023



#47

Tetrachloroethene

Concen: 0.193 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion:164 Resp: 1454

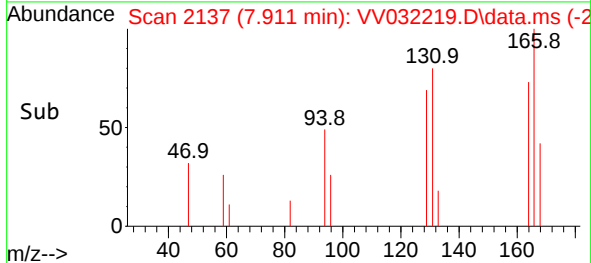
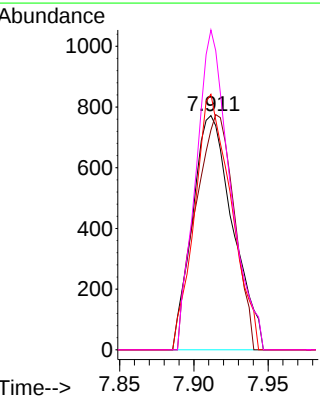
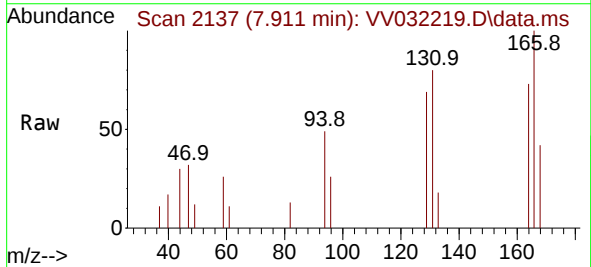
Ion Ratio Lower Upper

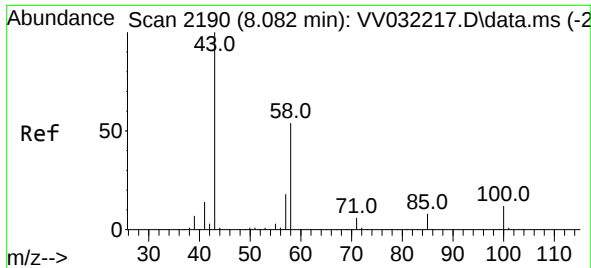
164 100

129 93.8 66.4 123.4

131 109.1 63.7 118.3

166 136.5 87.9 163.3





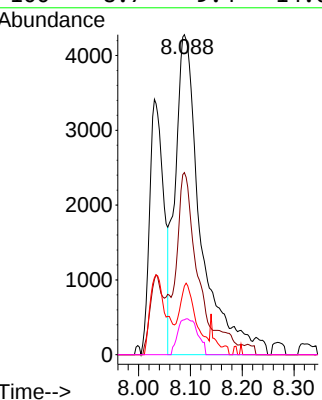
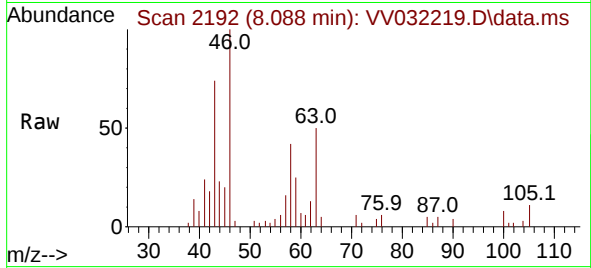
#48
2-Hexanone
Concen: 3.399 ug/L m
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 43 Resp: 14750
Ion Ratio Lower Upper
43 100
58 42.9 43.6 65.4
57 14.4 14.6 22.0
100 8.7 9.4 14.0

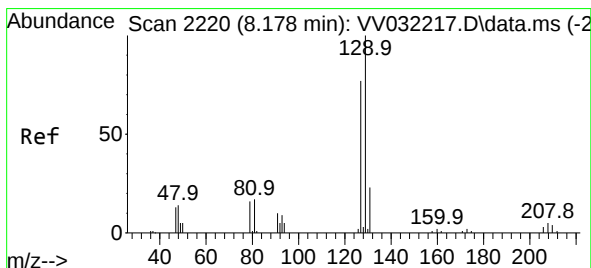
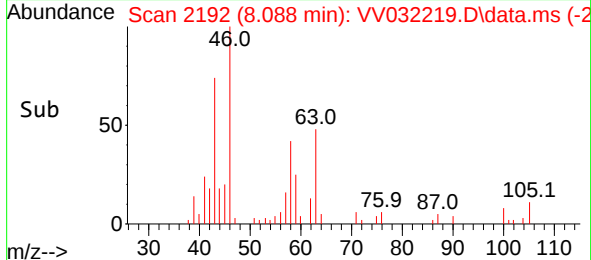
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



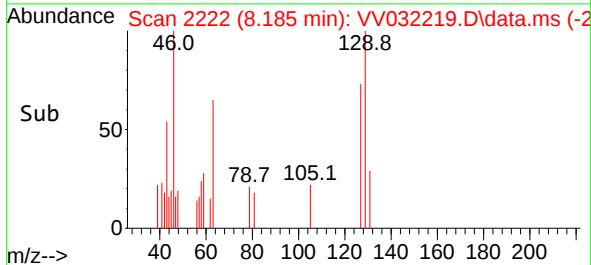
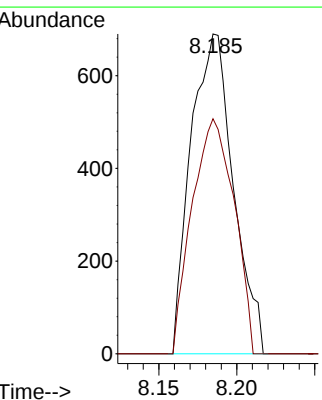
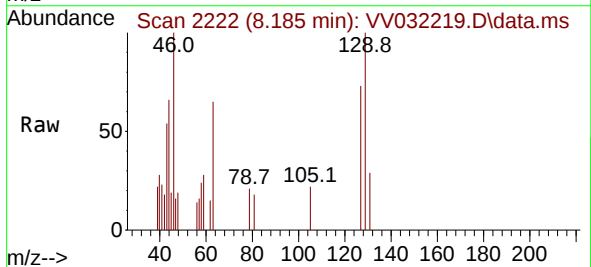
10/05/2023
Supervised By :Semsettin
Yesilyurt

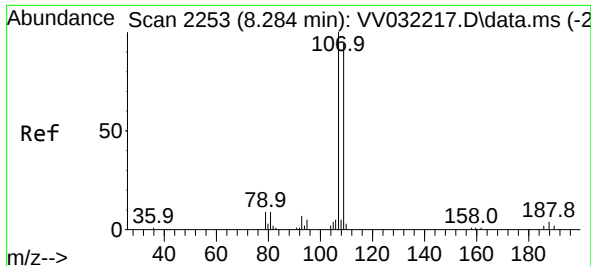
10/05/2023



#49
Dibromochloromethane
Concen: 0.183 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

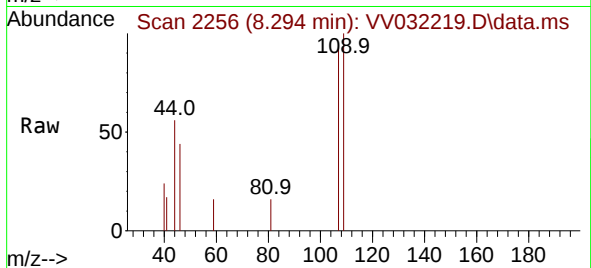
Tgt Ion:129 Resp: 1309
Ion Ratio Lower Upper
129 100
127 73.5 57.2 106.2





#50
1,2-Dibromoethane
Concen: 0.175 ug/L
RT: 8.294 min Scan# 2138
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

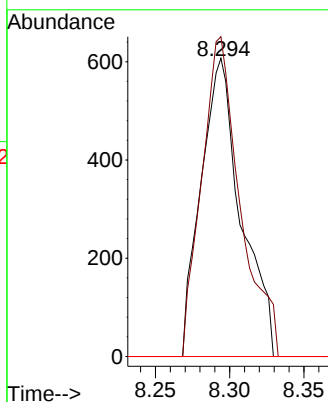
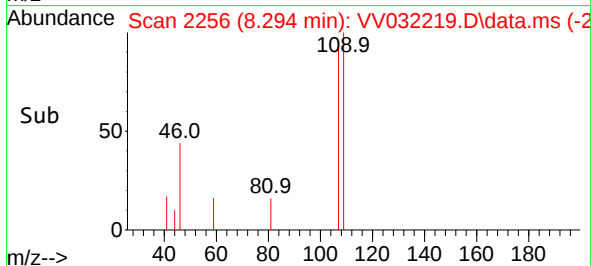
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-07



Tgt Ion:107 Resp: 1138
Ion Ratio Lower Upper
107 100
109 107.2 68.4 127.0
188 0.0 3.2 4.8

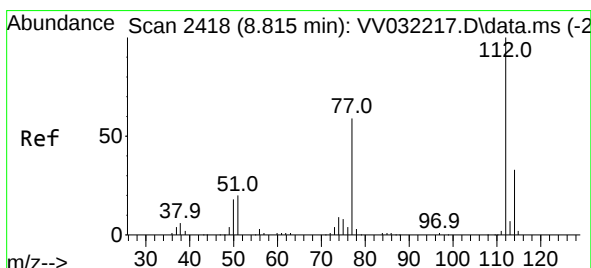
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



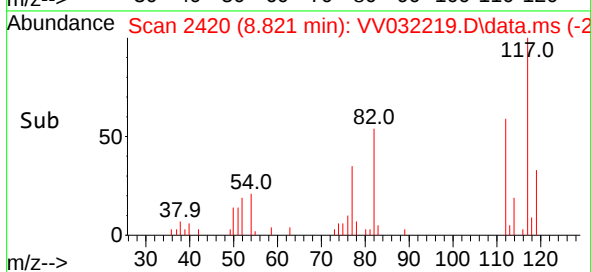
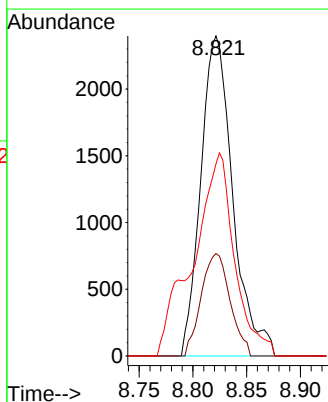
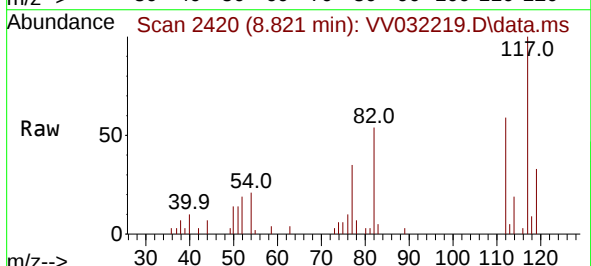
10/05/2023
Supervised By :Semsettin
Yesilyurt

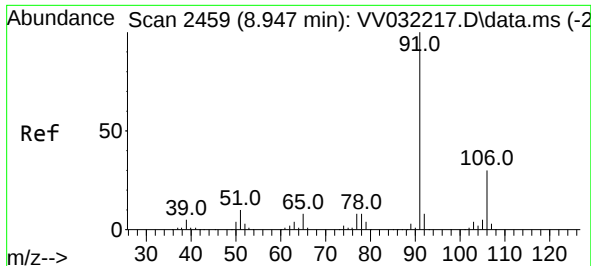
10/05/2023



#51
Chlorobenzene
Concen: 0.199 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion:112 Resp: 4970
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 60.0 46.1 69.1





#52

Ethylbenzene

Concen: 0.167 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.006 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

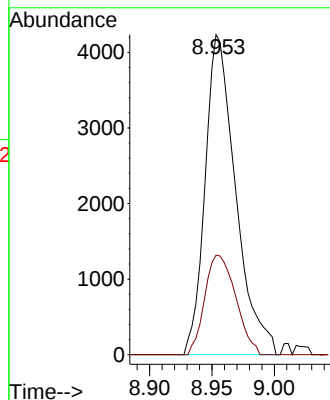
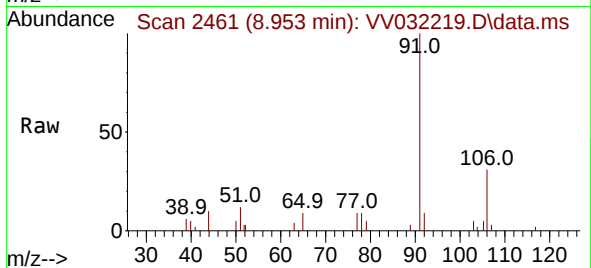
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 91 Resp: 722
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5

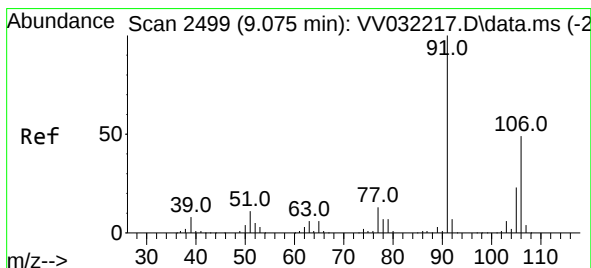
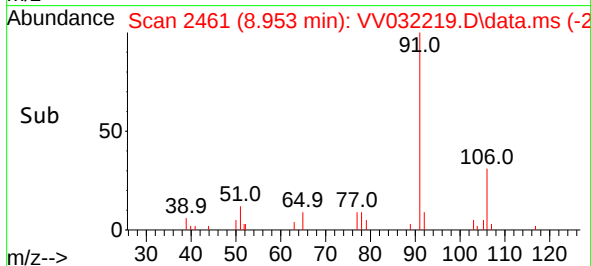
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



10/05/2023
Supervised By :Semsettin
Yesilyurt

10/05/2023



#53

m,p-Xylene

Concen: 0.181 ug/L

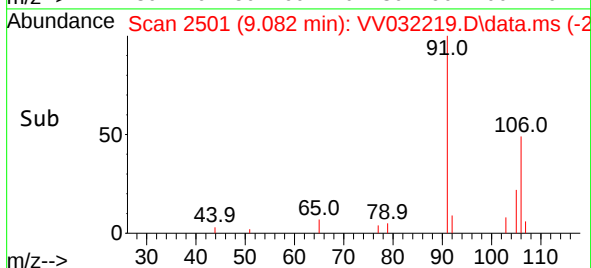
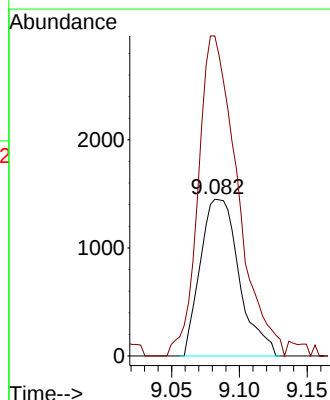
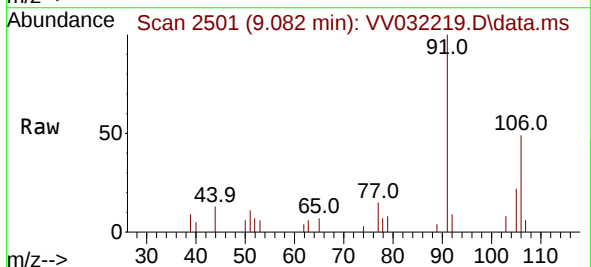
RT: 9.082 min Scan# 2501

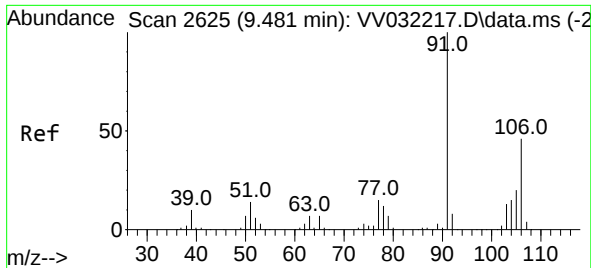
Delta R.T. 0.006 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion:106 Resp: 2892
Ion Ratio Lower Upper
106 100
91 204.2 144.5 268.3





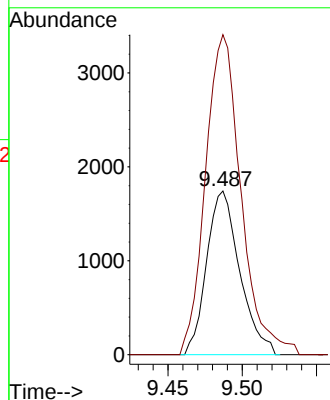
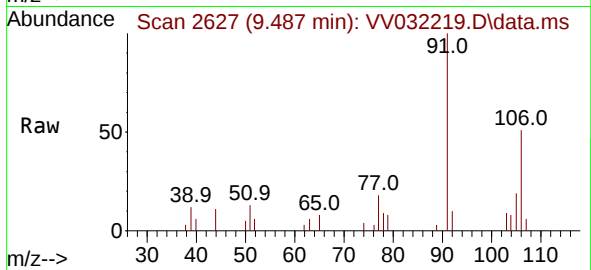
#54
o-Xylene
Concen: 0.175 ug/L
RT: 9.487 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:106 Resp: 270
Ion Ratio Lower Upper
106 100
91 195.5 154.8 287.4

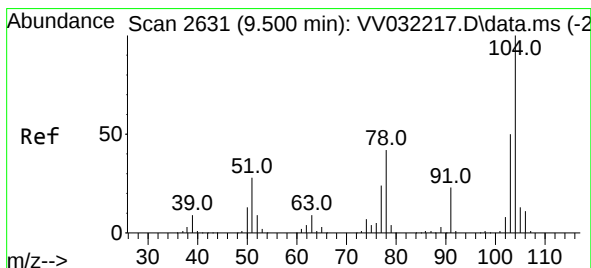
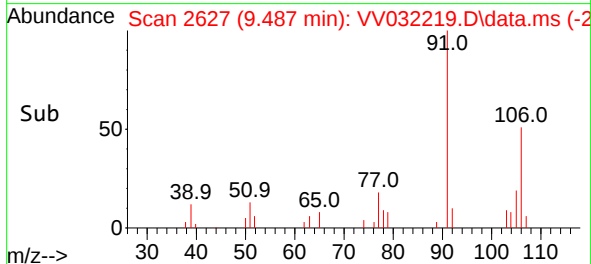
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



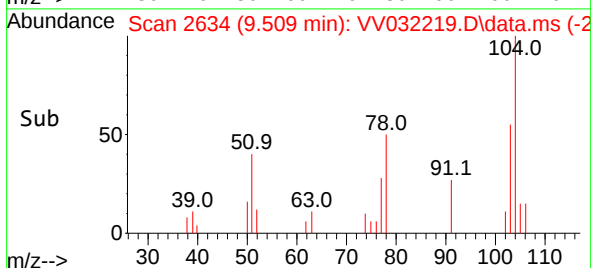
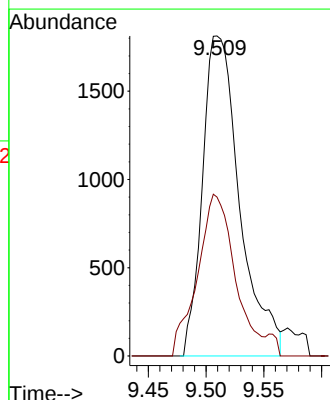
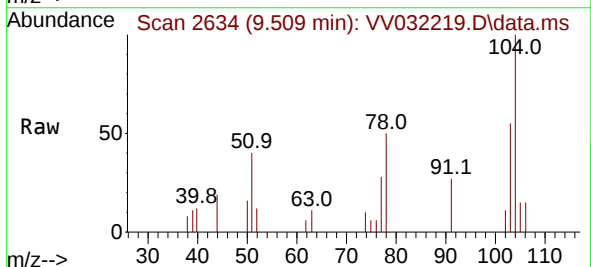
10/05/2023
Supervised By :Semsettin
Yesilyurt

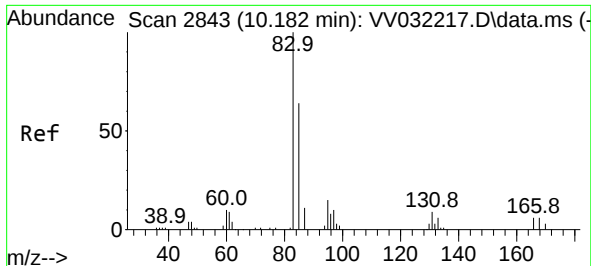
10/05/2023



#55
Styrene
Concen: 0.156 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion:104 Resp: 4071
Ion Ratio Lower Upper
104 100
78 49.6 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.213 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

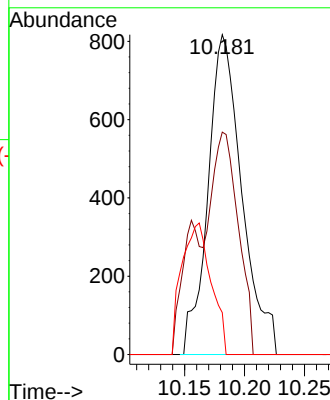
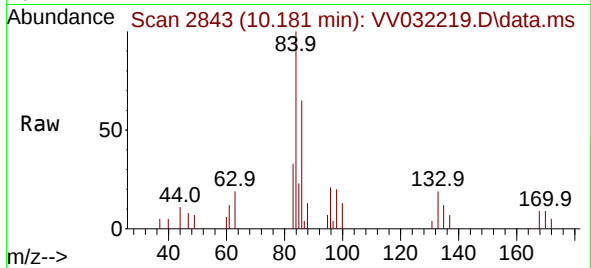
MDL-WATER-QT4-2023-07

Tgt Ion:	83	Resp:	1600
Ion	Ratio	Lower	Upper
83	100		
85	69.5	43.6	81.0
131	13.1	7.0	10.6

Manual Integrations

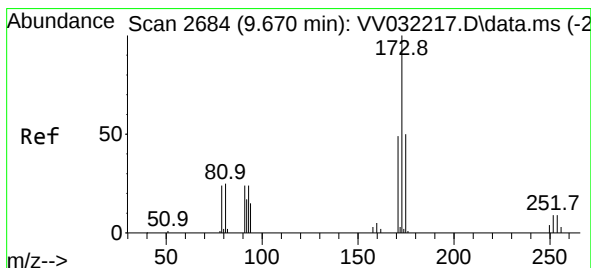
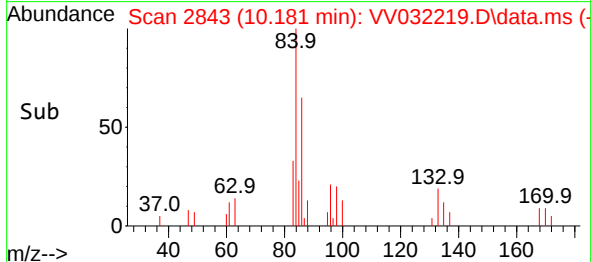
APPROVED

Reviewed By :Mahesh
Dadoda



10/05/2023
Supervised By :Semsettin
Yesilyurt

10/05/2023



#59

Bromoform

Concen: 0.171 ug/L

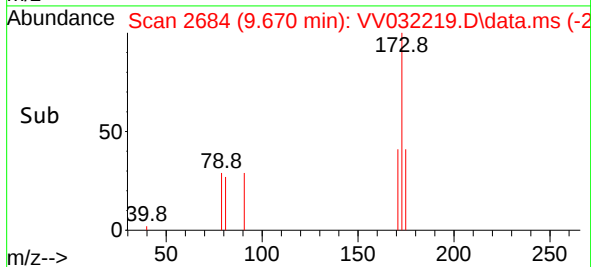
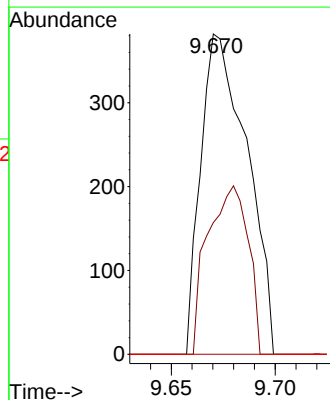
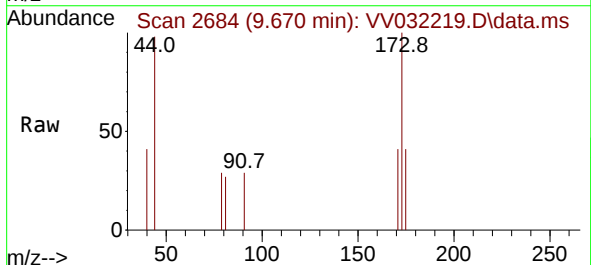
RT: 9.670 min Scan# 2684

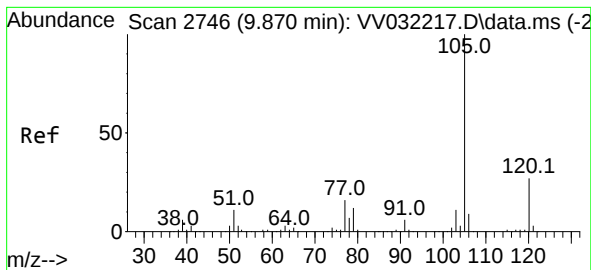
Delta R.T. -0.000 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion:	173	Resp:	589
Ion	Ratio	Lower	Upper
173	100		
175	46.2	38.2	57.2
254	0.0	7.0	10.4





#60

Isopropylbenzene

Concen: 0.191 ug/L

RT: 9.873 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

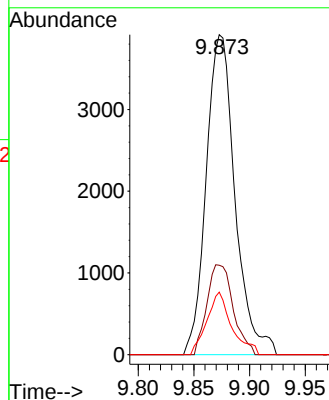
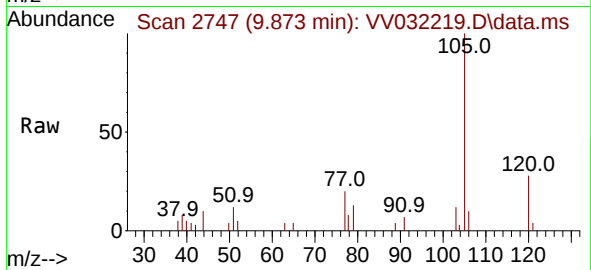
MDL-WATER-QT4-2023-07

Tgt Ion:105 Resp: 7058

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.6
77	16.8	12.6	19.0

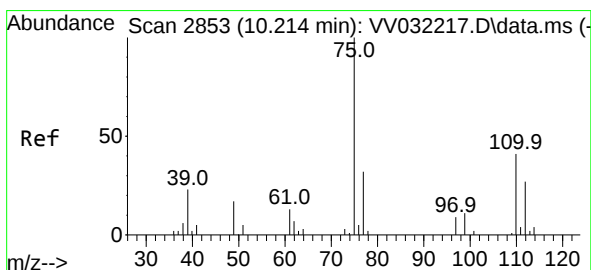
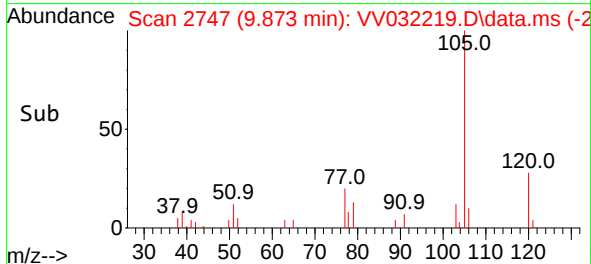
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Reviewed By :Mahesh
Dadoda



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Supervised By :Semsettin
Yesilyurt

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#61

1,2,3-Trichloropropane

Concen: 0.213 ug/L

RT: 10.217 min Scan# 2854

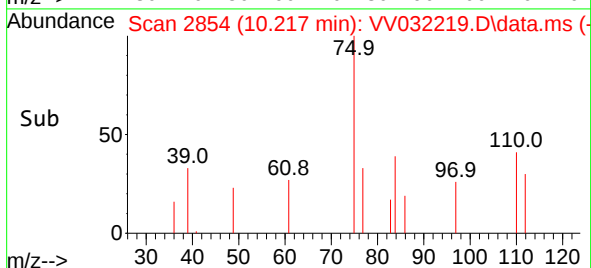
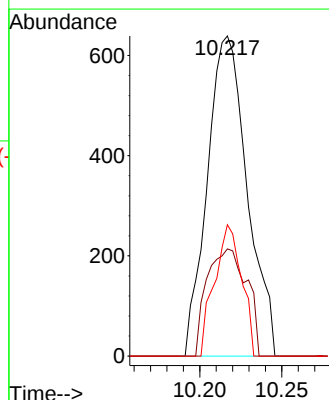
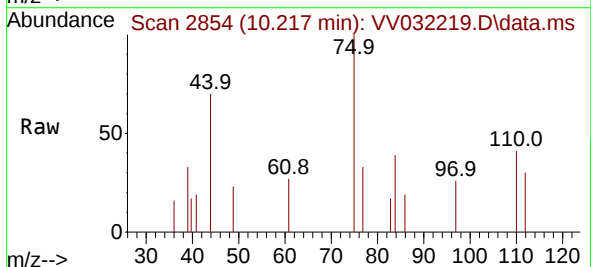
Delta R.T. 0.003 min

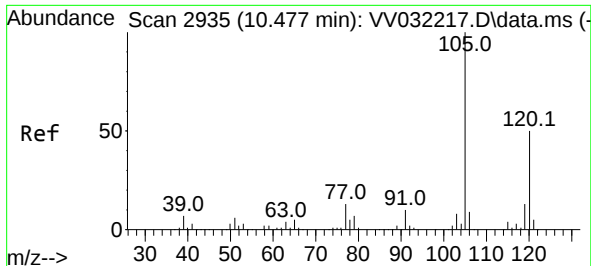
Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion: 75 Resp: 1079

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.2	39.2
110	27.8	30.6	46.0





#62

1,3,5-Trimethylbenzene

Concen: 0.189 ug/L

RT: 10.484 min Scan# 2935

Delta R.T. 0.006 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

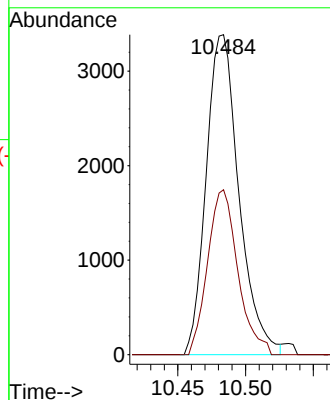
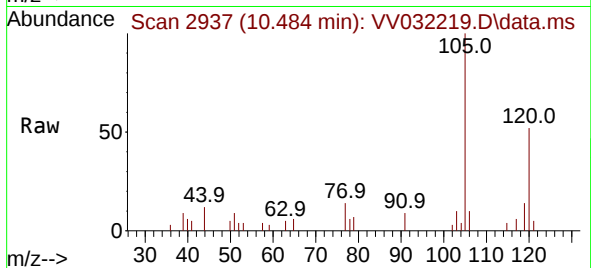
ClientSampleId :

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Tgt Ion:105 Resp: 569
Ion Ratio Lower Upper
105 100
120 47.6 39.9 59.9

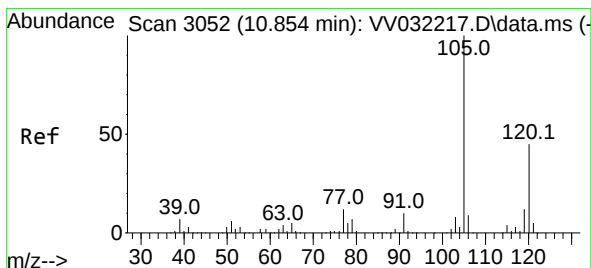
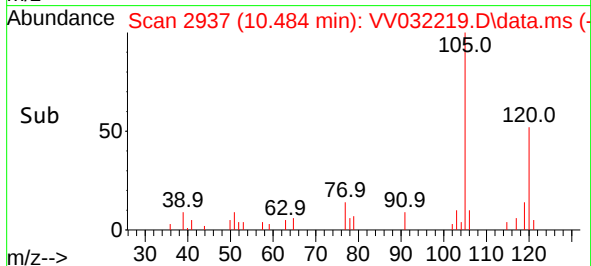
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Reviewed By :Mahesh
Dadoda



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Supervised By :Semsettin
Yesilyurt

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#63

1,2,4-Trimethylbenzene

Concen: 0.174 ug/L

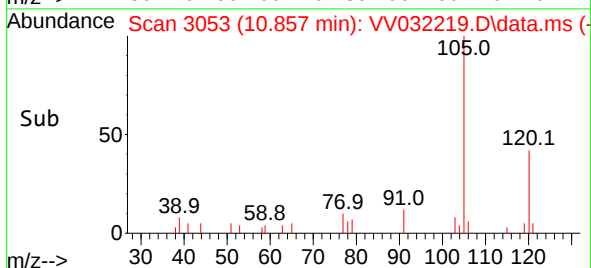
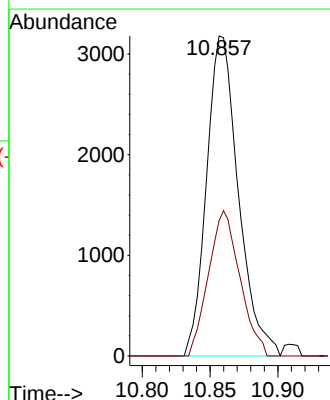
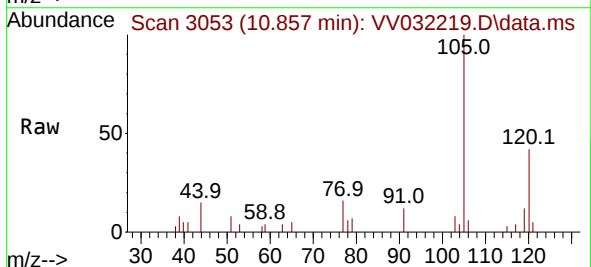
RT: 10.857 min Scan# 3053

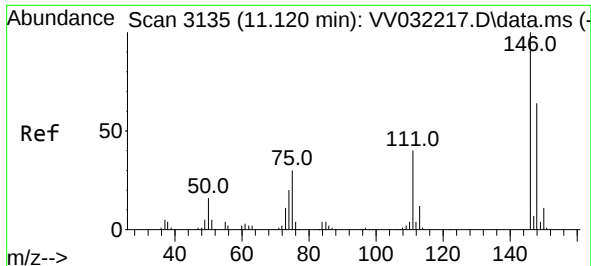
Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

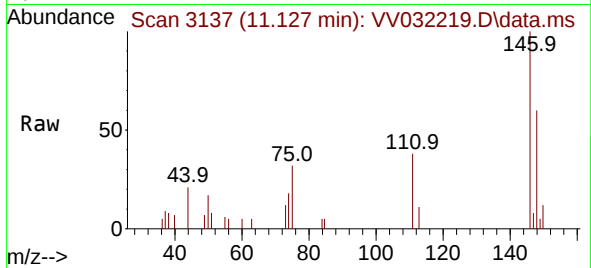
Tgt Ion:105 Resp: 5196
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.4





#64
1,3-Dichlorobenzene
Concen: 0.207 ug/L
RT: 11.127 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

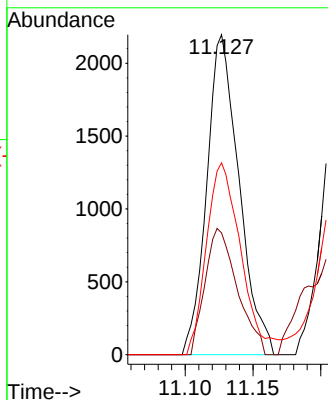
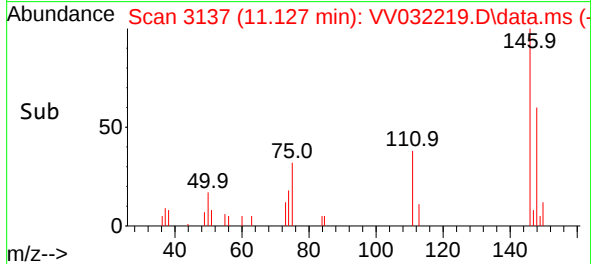
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:146 Resp: 364
Ion Ratio Lower Upper
146 100
111 38.0 27.8 51.6
148 59.9 43.7 81.1

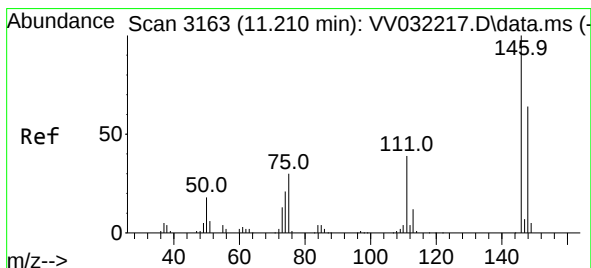
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Dadoda

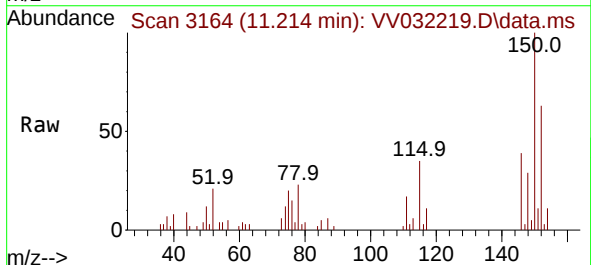


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Supervised By :Semsettin
Yesilyurt

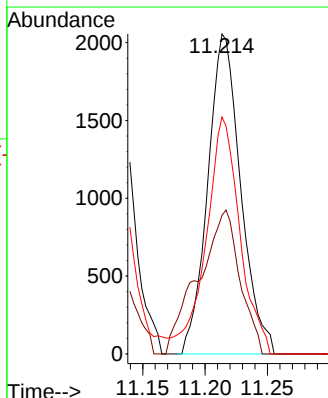
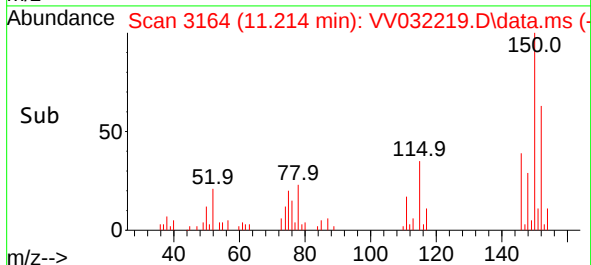
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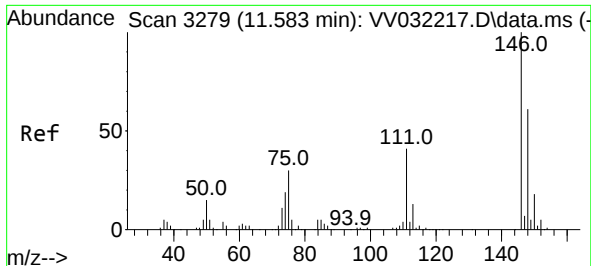


#65
1,4-Dichlorobenzene
Concen: 0.213 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38



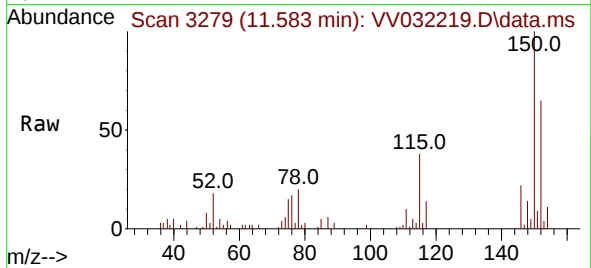
Tgt Ion:146 Resp: 3768
Ion Ratio Lower Upper
146 100
111 43.3 26.9 49.9
148 74.0 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 0.222 ug/L
RT: 11.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

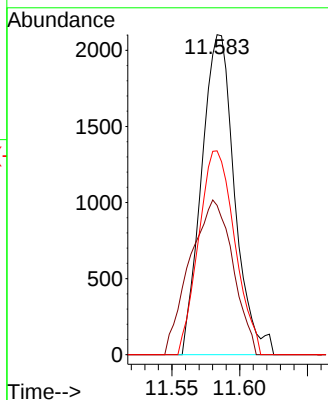
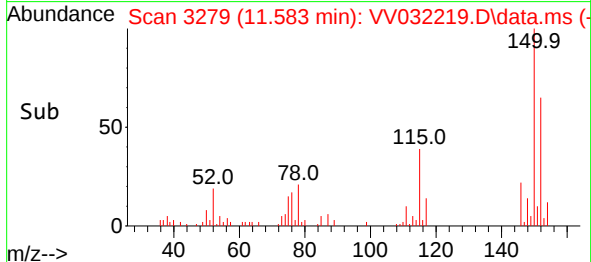
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-07



Tgt Ion:146 Resp: 3562
Ion Ratio Lower Upper
146 100
111 46.6 32.8 49.2
148 63.7 51.0 76.4

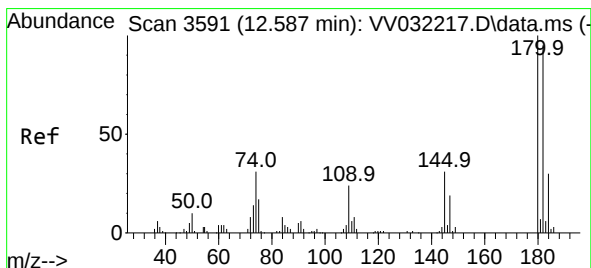
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Dadoda

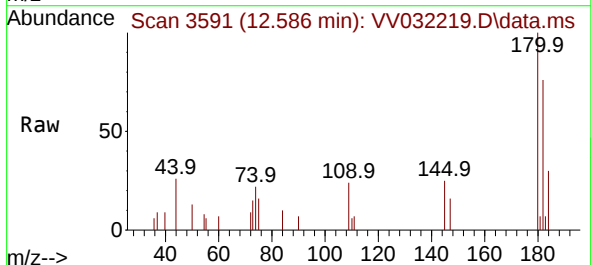


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Supervised By :Semsettin
Yesilyurt

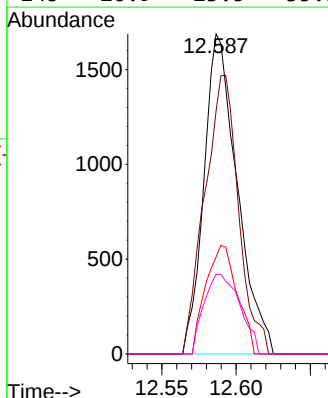
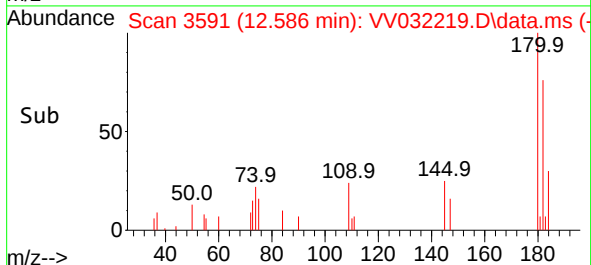
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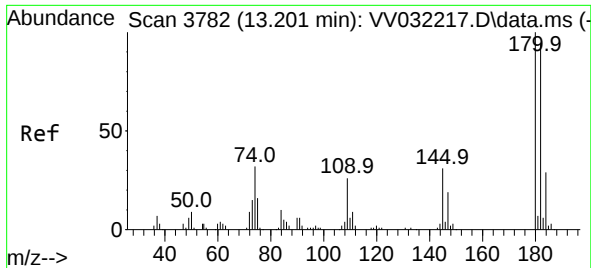


#69
1,3,5-Trichlorobenzene
Concen: 0.203 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. -0.000 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38



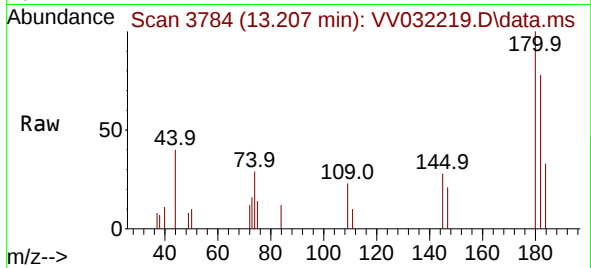
Tgt Ion:180 Resp: 2623
Ion Ratio Lower Upper
180 100
182 88.6 74.6 112.0
184 32.2 24.1 36.1
145 26.9 23.5 35.3





#70
1,2,4-trichlorobenzene
Concen: 0.209 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

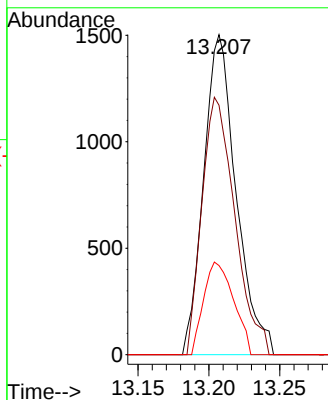
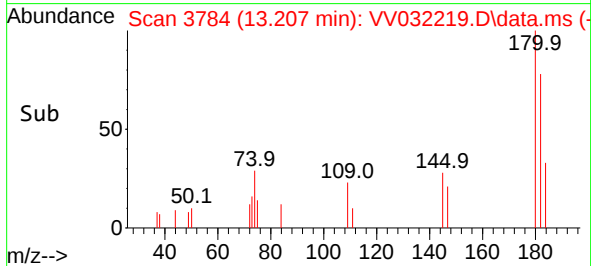
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:180 Resp: 2390
Ion Ratio Lower Upper
180 100
182 81.5 76.5 114.7
145 26.7 24.3 36.5

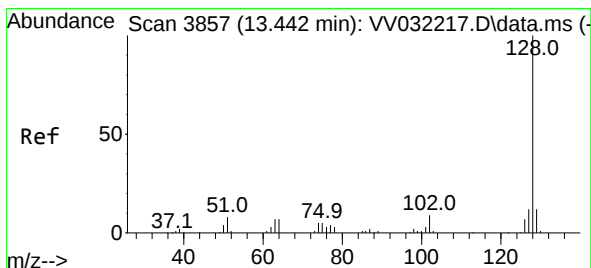
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Dadoda

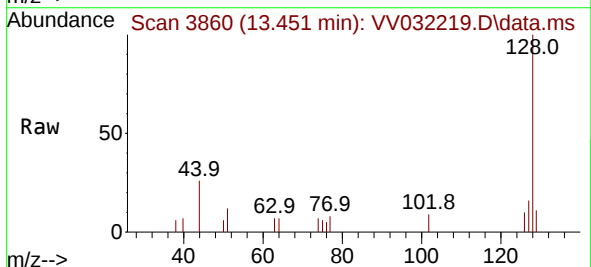


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Supervised By :Semsettin
Yesilyurt

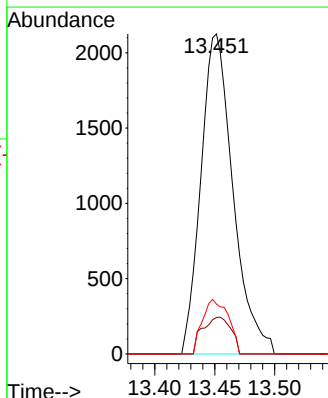
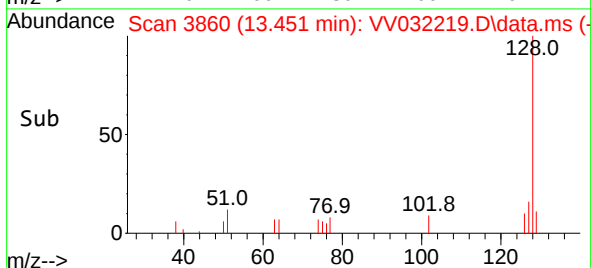
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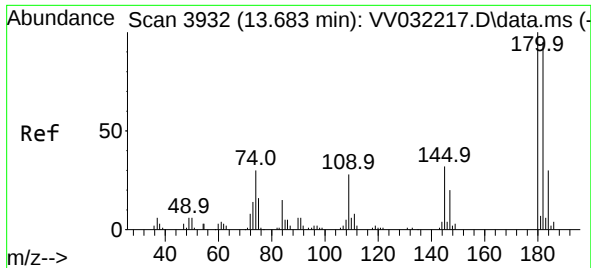


#71
Naphthalene
Concen: 0.204 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38



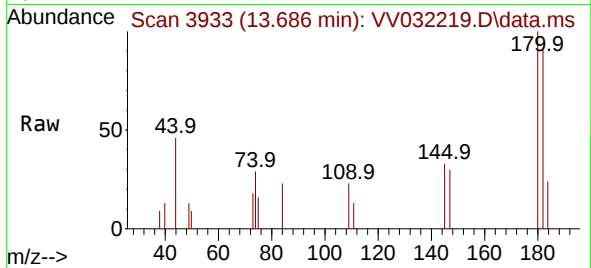
Tgt Ion:128 Resp: 3959
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 13.7 10.2 15.2





#72
1,2,3-Trichlorobenzene
Concen: 0.189 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

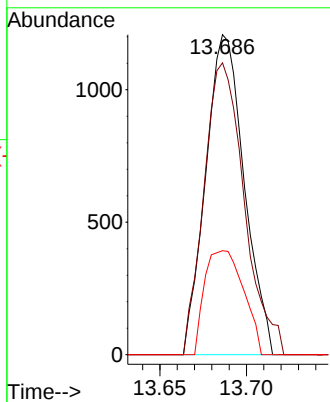
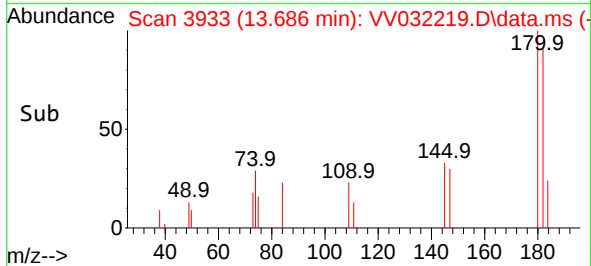
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:180 Resp: 1860
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.4
145 32.9 25.7 38.5

Manual Integrations
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Reviewed By :Mahesh
Dadoda



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Supervised By :Semsettin
Yesilyurt

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