

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034440.D
 Acq On : 27 Feb 2024 11:35
 Operator : SY/MD
 Sample : P1601-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Quant Time: Feb 28 04:10:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	69209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35052	4.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.532	69	31979	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.060	65	17011	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.805	46	111774	51.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	4.252	84	75641	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.947	65	42594	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.963	84	139563	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.989	67	44530	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.246	98	122103	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.561	79	15709	4.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.027	63	99456	51.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	34438	4.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	50138	4.768	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2221	0.248	ug/L	100
3) Chloromethane	1.214	50	2825	0.265	ug/L	94
5) Vinyl chloride	1.281	62	2841	0.270	ug/L #	72
6) Bromomethane	1.487	94	1456	0.244	ug/L	95
8) Chloroethane	1.548	64	1961	0.263	ug/L	97
9) Trichlorofluoromethane	1.712	101	4177	0.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2803	0.303	ug/L #	86
12) 1,1-Dichloroethene	2.069	96	2842	0.319	ug/L #	1
14) Carbon disulfide	2.240	76	5844	0.245	ug/L	99
15) Methyl Acetate	2.397	43	835	0.222	ug/L #	64
16) Methylene chloride	2.449	84	3728	0.367	ug/L	89
17) Methyl tert-butyl Ether	2.709	73	5726	0.248	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	2045	0.226	ug/L	87
19) 1,1-Dichloroethane	3.114	63	4548	0.261	ug/L	95
21) 2-Butanone	3.931	43	6228m	2.587	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	2549	0.256	ug/L	88
23) Bromochloromethane	4.162	128	1114m	0.269	ug/L	
25) Chloroform	4.281	83	5010	0.277	ug/L	94
27) 1,2-Dichloroethane	5.069	62	2979	0.270	ug/L #	76

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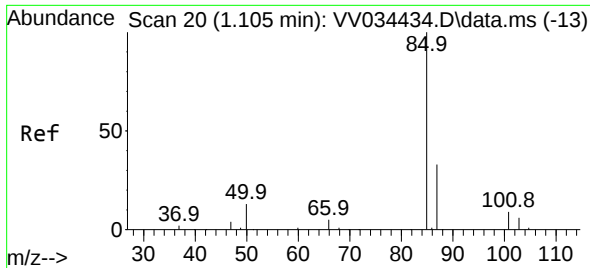
Quant Time: Feb 28 04:10:47 2024
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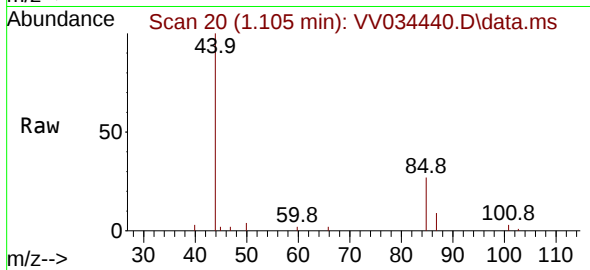
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.510	97	3924	0.232	ug/L #	70
30) Cyclohexane	4.580	56	3384	0.232	ug/L	88
31) Carbon tetrachloride	4.741	117	3422	0.233	ug/L	99
33) Benzene	5.014	78	9447	0.252	ug/L	100
34) Trichloroethene	5.847	95	2360	0.241	ug/L	85
35) Methylcyclohexane	6.053	83	4019	0.262	ug/L	97
37) 1,2-Dichloropropane	6.104	63	2419	0.261	ug/L #	87
38) Bromodichloromethane	6.445	83	2946	0.233	ug/L #	99
39) cis-1,3-Dichloropropene	6.969	75	2931	0.228	ug/L #	81
40) 4-Methyl-2-pentanone	7.172	43	12292	2.145	ug/L #	87
42) Toluene	7.326	91	9299	0.236	ug/L	95
44) trans-1,3-Dichloropropene	7.600	75	2844m	0.273	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	1491	0.237	ug/L	93
47) Tetrachloroethene	7.911	164	2123	0.277	ug/L	90
48) 2-Hexanone	8.091	43	11184	2.740	ug/L #	95
49) Dibromochloromethane	8.182	129	1735	0.236	ug/L	89
50) 1,2-Dibromoethane	8.291	107	1269	0.215	ug/L #	99
51) Chlorobenzene	8.818	112	5947	0.232	ug/L #	86
52) Ethylbenzene	8.953	91	10313	0.233	ug/L	99
53) m,p-Xylene	9.082	106	3852	0.234	ug/L	95
54) o-Xylene	9.487	106	4009	0.244	ug/L	97
55) Styrene	9.509	104	5777	0.218	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	2091	0.277	ug/L #	86
59) Bromoform	9.670	173	592	0.168	ug/L #	84
60) Isopropylbenzene	9.870	105	9342	0.226	ug/L	96
61) 1,2,3-Trichloropropane	10.217	75	1518	0.284	ug/L	95
62) 1,3,5-Trimethylbenzene	10.480	105	8186	0.226	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	7690	0.212	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	4923	0.245	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	4873	0.244	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	4289	0.227	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	12.371	75	261	0.193	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.590	180	4099	0.265	ug/L #	94
70) 1,2,4-trichlorobenzene	13.204	180	3281	0.243	ug/L	97
71) Naphthalene	13.448	128	5327	0.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	2915	0.241	ug/L	100

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



#2
 Dichlorodifluoromethane
 Concen: 0.248 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV034440.D
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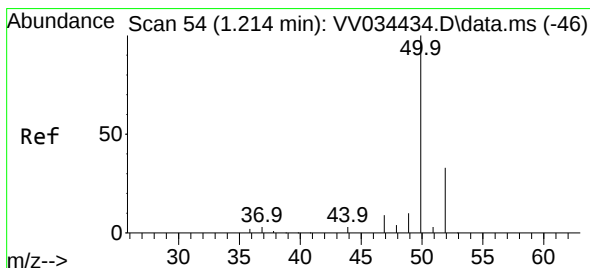
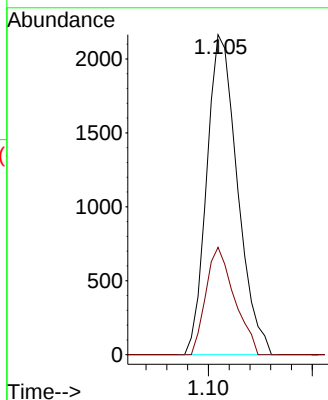
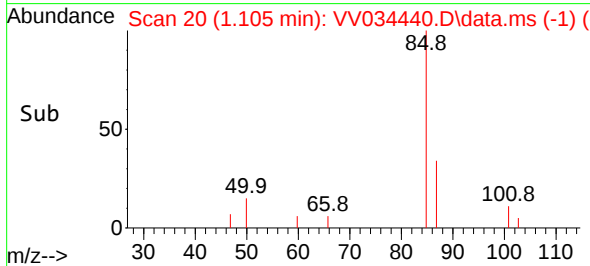
Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-01



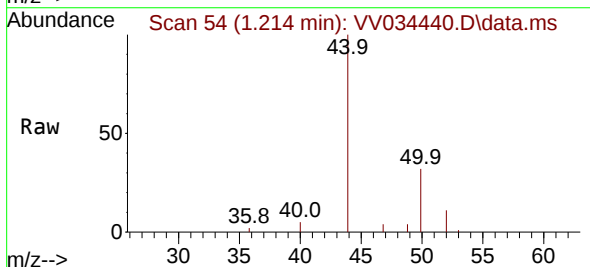
Tgt Ion: 85 Resp: 222
 Ion Ratio Lower Upper
 85 100
 87 31.1 24.9 37.3

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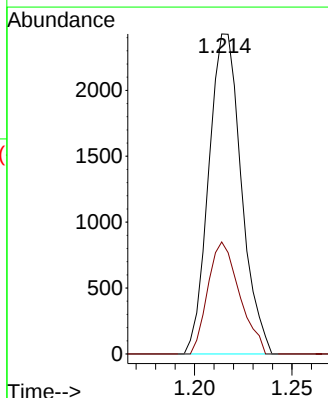
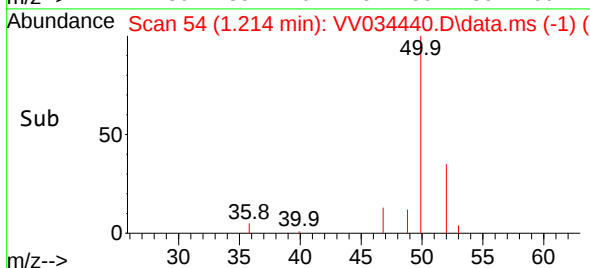
Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024

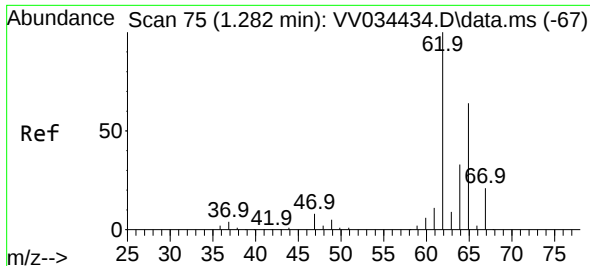


#3
 Chloromethane
 Concen: 0.265 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034440.D
 Acq: 27 Feb 2024 11:35



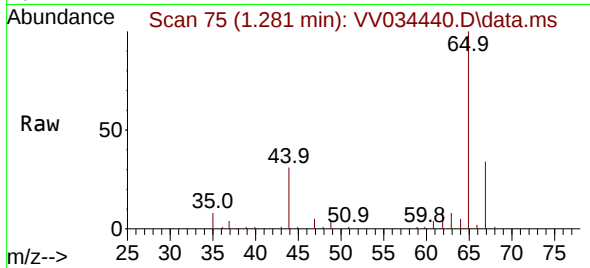
Tgt Ion: 50 Resp: 2825
 Ion Ratio Lower Upper
 50 100
 52 35.0 22.3 41.3





#5
 Vinyl chloride
 Concen: 0.270 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV034440.D
 Acq: 27 Feb 2024 11:35

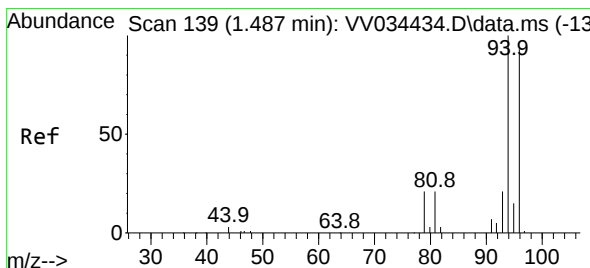
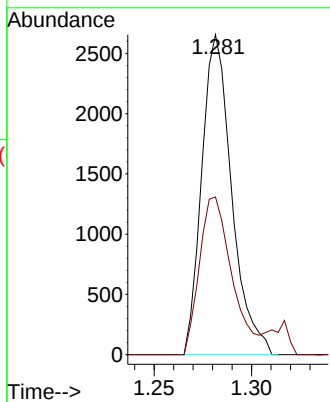
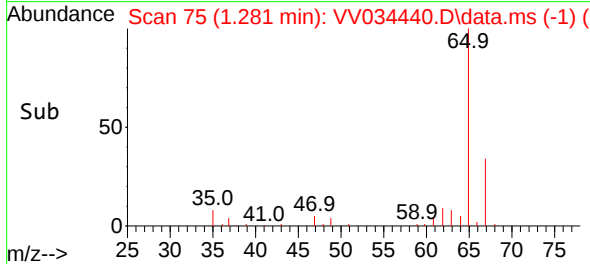
Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-01



Tgt Ion: 62 Resp: 284
 Ion Ratio Lower Upper
 62 100
 64 49.3 23.4 43.4

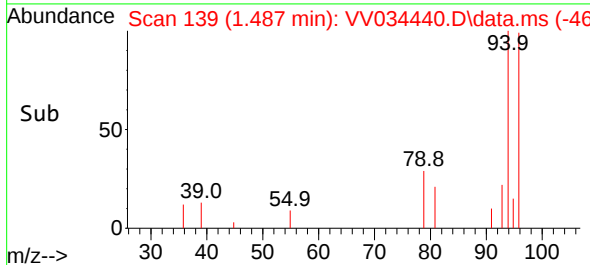
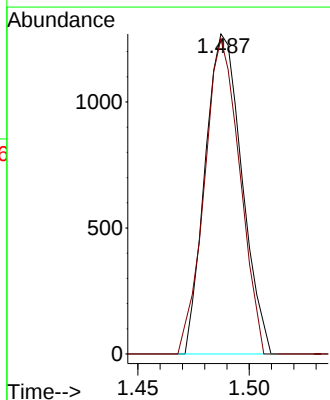
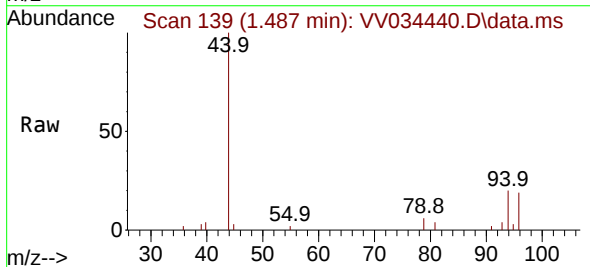
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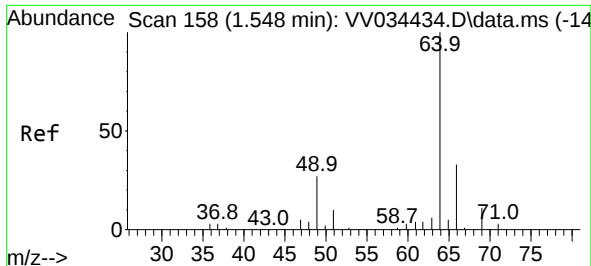
Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024



#6
 Bromomethane
 Concen: 0.244 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV034440.D
 Acq: 27 Feb 2024 11:35

Tgt Ion: 94 Resp: 1456
 Ion Ratio Lower Upper
 94 100
 96 98.5 65.5 121.7





#8

Chloroethane

Concen: 0.263 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2024-01

Tgt Ion: 64 Resp: 196

Ion Ratio Lower Upper

64 100

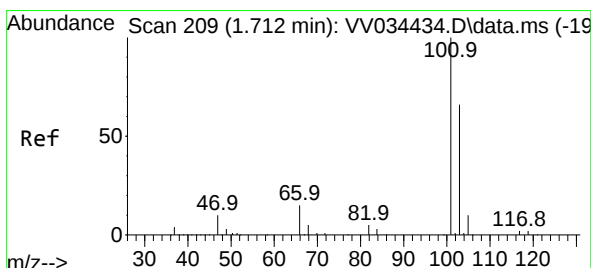
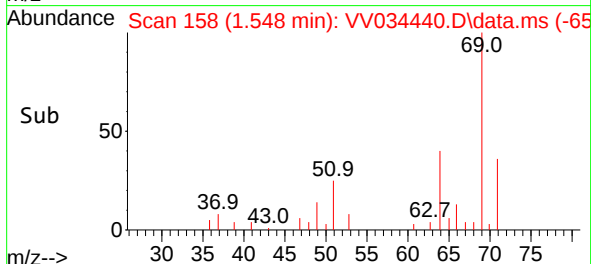
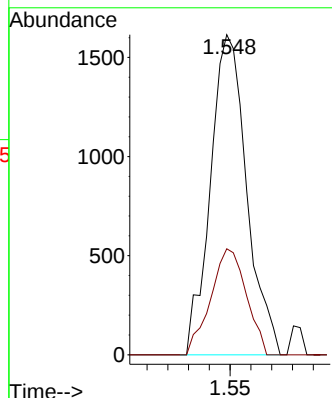
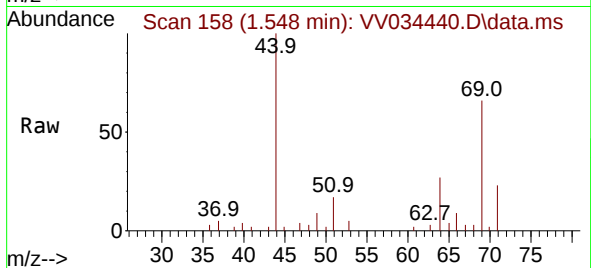
66 33.1 22.1 41.1

Manual Integrations

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Supervised By :Mahesh Dadoda 02/28/2024



#9

Trichlorofluoromethane

Concen: 0.244 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.000 min

Lab File: VV034440.D

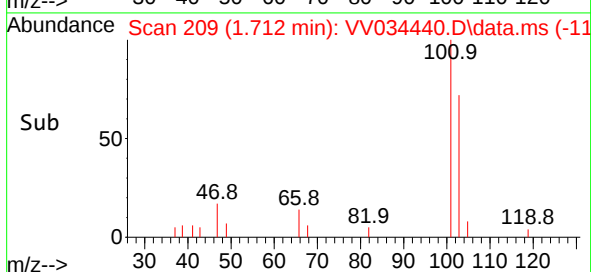
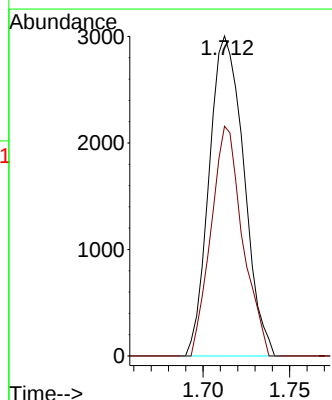
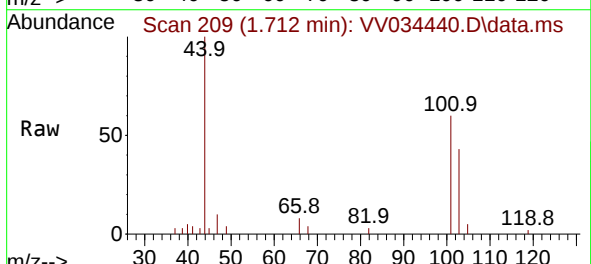
Acq: 27 Feb 2024 11:35

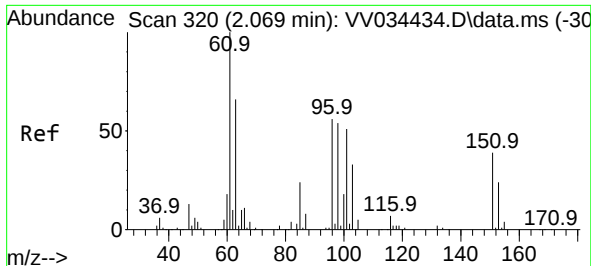
Tgt Ion:101 Resp: 4177

Ion Ratio Lower Upper

101 100

103 65.5 52.0 78.0





#10

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

Concen: 0.303 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034440.D

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MSVOA_V

ClientSampleId :

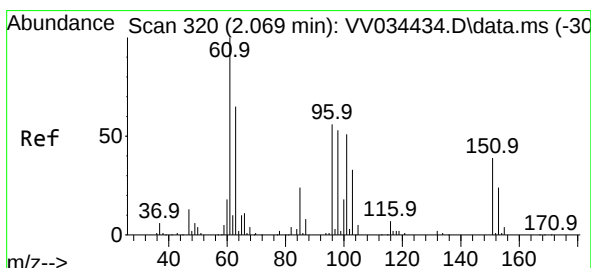
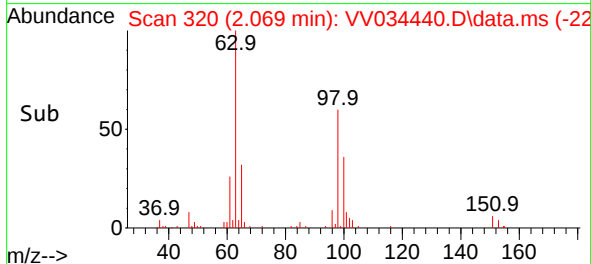
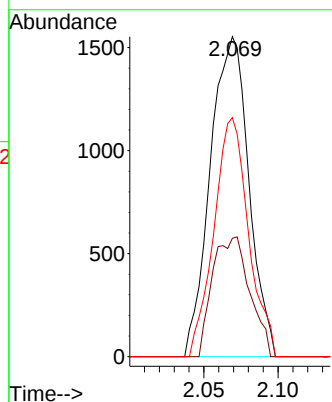
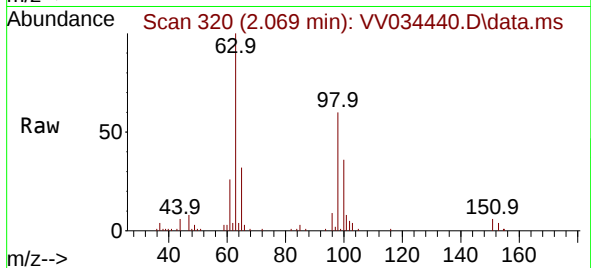
MDL-WATER-QT1-2024-01

Tgt Ion:101 Resp: 280
 Ion Ratio Lower Upper
 101 100
 85 36.2 37.9 56.9
 151 67.0 61.8 92.6

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#12

1,1-Dichloroethene

Concen: 0.319 ug/L

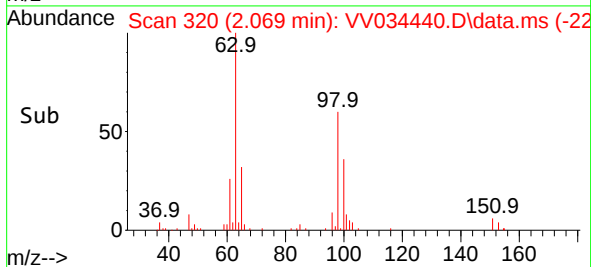
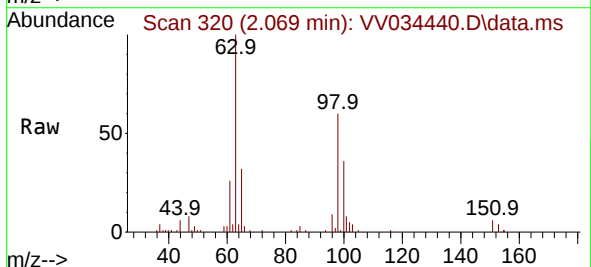
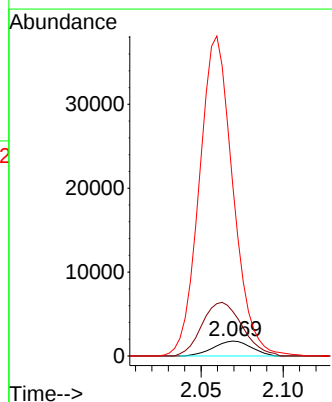
RT: 2.069 min Scan# 320

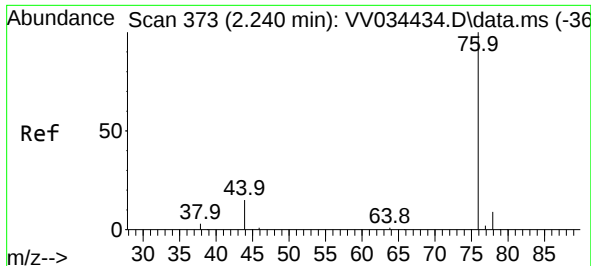
Delta R.T. -0.000 min

Lab File: VV034440.D

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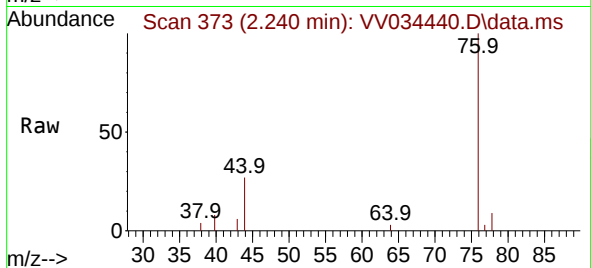
Tgt Ion: 96 Resp: 2842
 Ion Ratio Lower Upper
 96 100
 61 299.5 131.3 243.8#
 63 1152.8 102.8 191.0#





#14
Carbon disulfide
Concen: 0.245 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

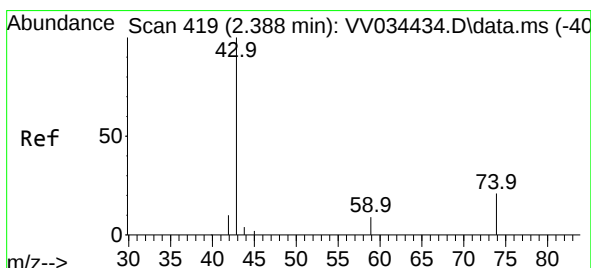
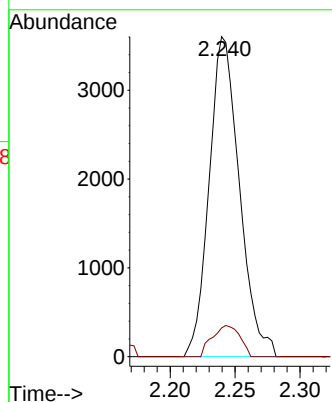
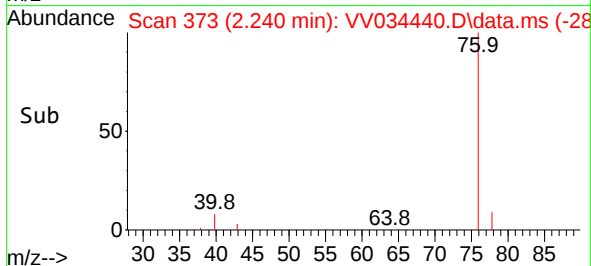
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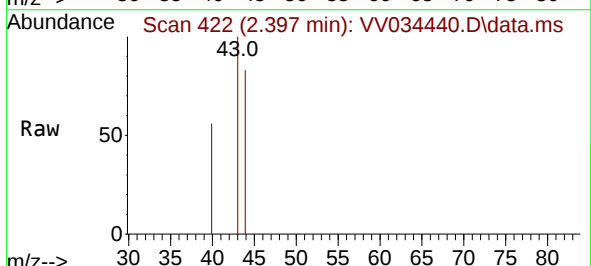
Tgt Ion: 76 Resp: 584
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

Manual Integrations
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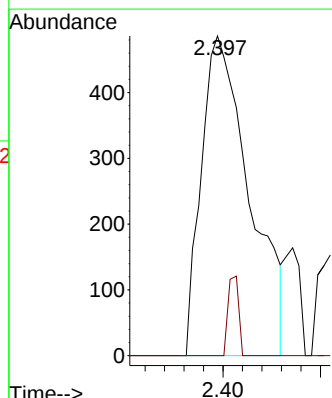
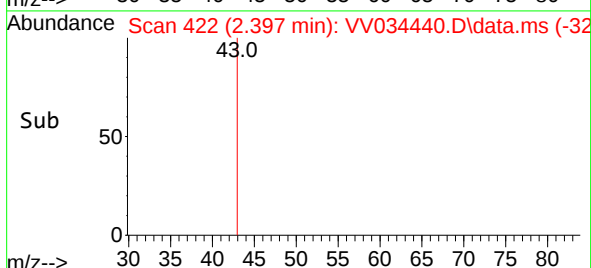
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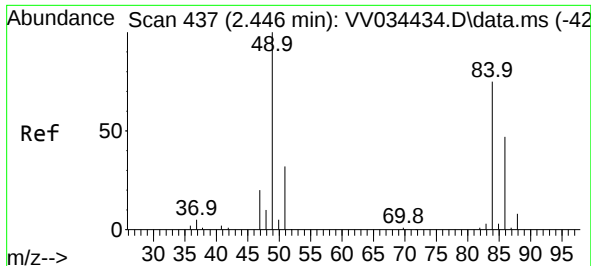


#15
Methyl Acetate
Concen: 0.222 ug/L
RT: 2.397 min Scan# 422
Delta R.T. 0.010 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35



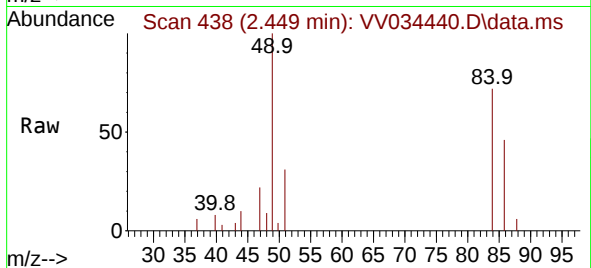
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
74 5.5 18.6 28.0#





#16
Methylene chloride
Concen: 0.367 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

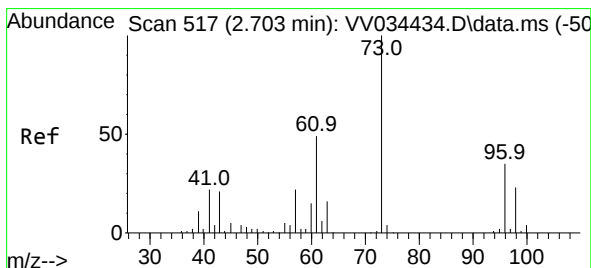
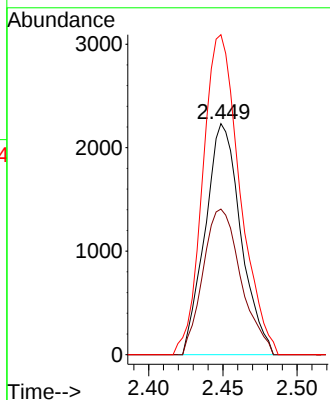
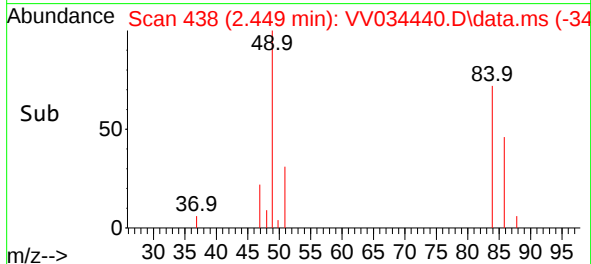
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion: 84 Resp: 3728
Ion Ratio Lower Upper
84 100
86 63.0 43.8 81.4
49 144.4 87.6 162.8

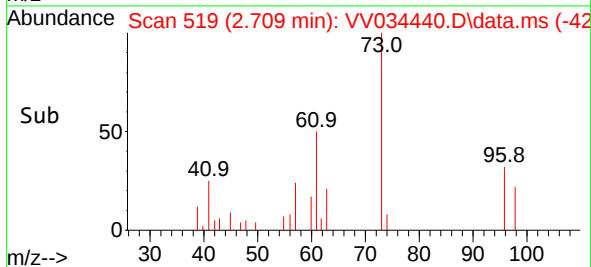
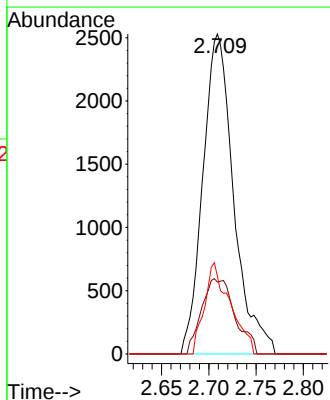
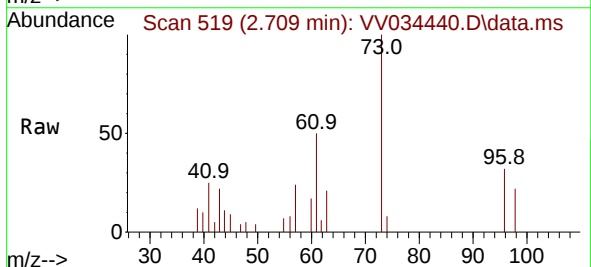
Manual Integrations
APPROVED

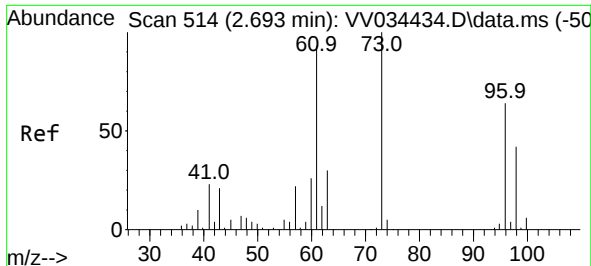
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#17
Methyl tert-butyl Ether
Concen: 0.248 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

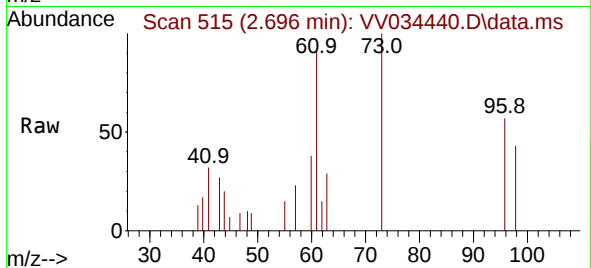
Tgt Ion: 73 Resp: 5726
Ion Ratio Lower Upper
73 100
43 25.4 18.0 27.0
57 23.9 17.0 25.6





#18
trans-1,2-Dichloroethene
Concen: 0.226 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

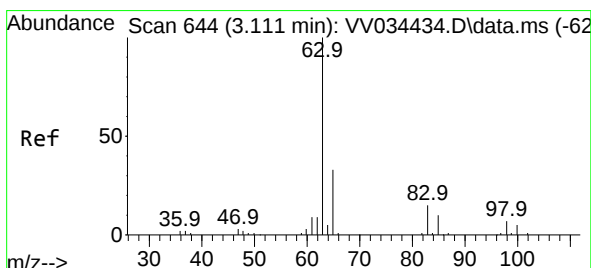
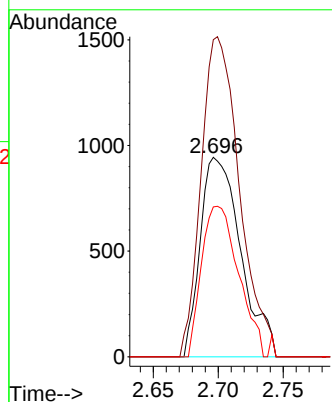
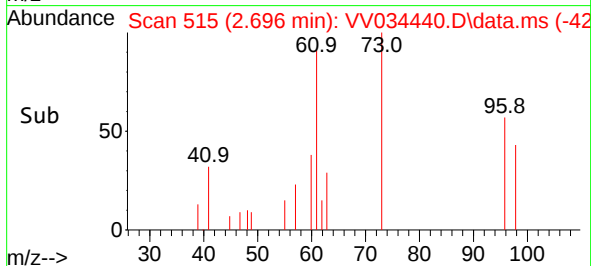
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion: 96 Resp: 2049
Ion Ratio Lower Upper
96 100
61 159.0 101.3 188.1
98 75.1 43.5 80.7

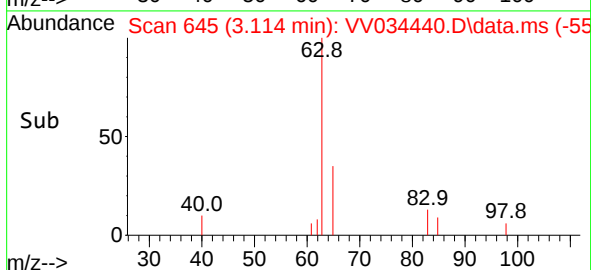
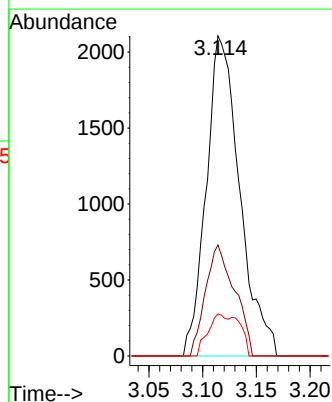
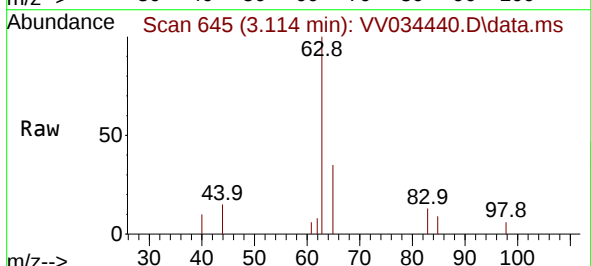
Manual Integrations
APPROVED

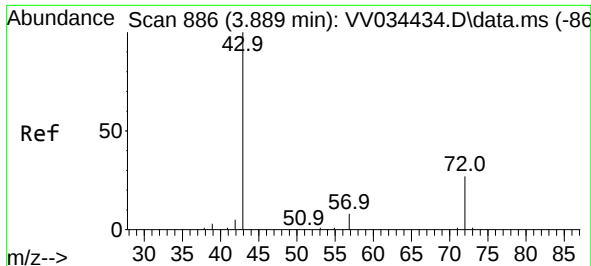
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#19
1,1-Dichloroethane
Concen: 0.261 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 63 Resp: 4548
Ion Ratio Lower Upper
63 100
65 34.7 22.0 41.0
83 13.2 10.1 18.9





#21

2-Butanone

Concen: 2.587 ug/L m

RT: 3.931 min Scan# 899

Delta R.T. 0.042 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

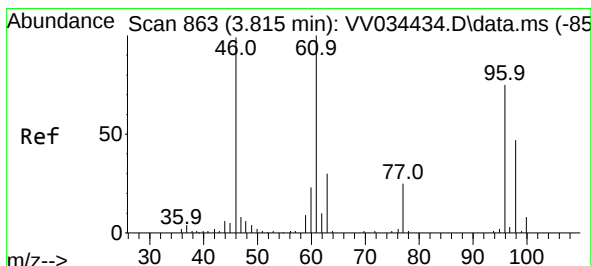
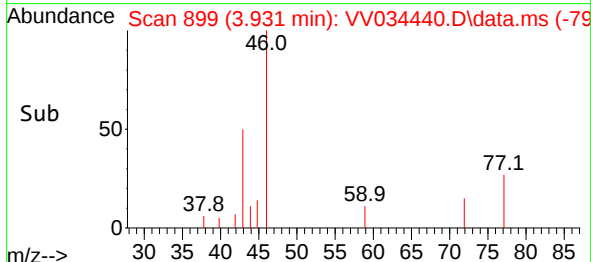
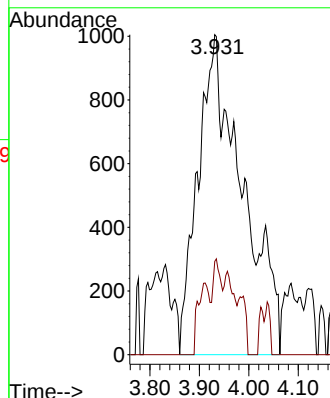
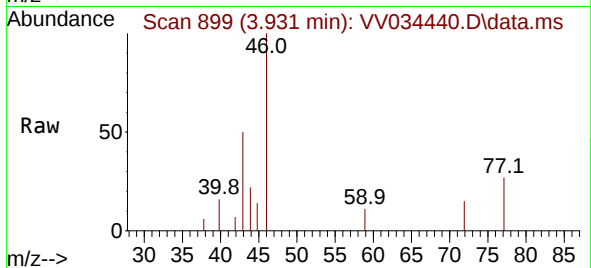
MDL-WATER-QT1-2024-01

Tgt Ion: 43 Resp: 6228
 Ion Ratio Lower Upper
 43 100
 72 1.7 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024



#22

cis-1,2-Dichloroethene

Concen: 0.256 ug/L

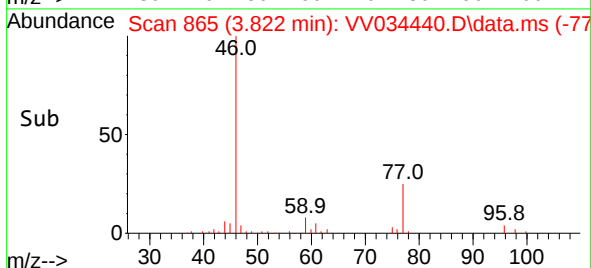
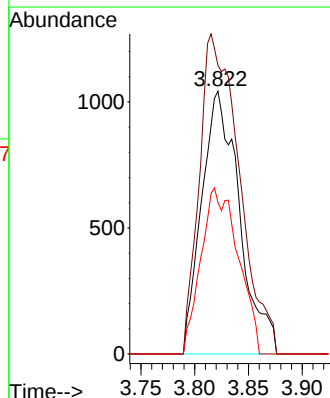
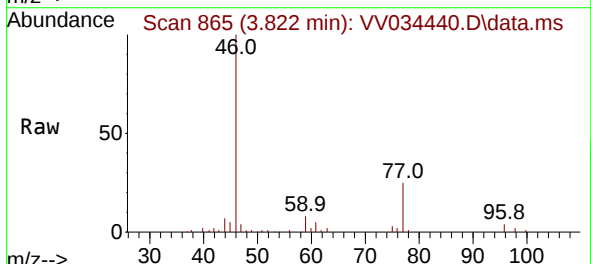
RT: 3.822 min Scan# 865

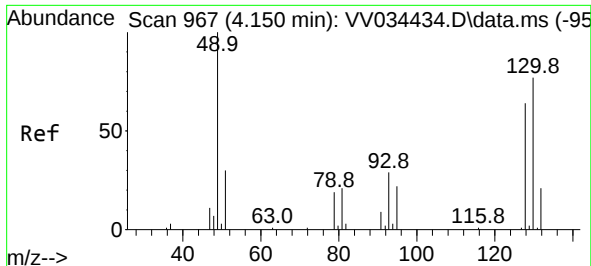
Delta R.T. 0.006 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

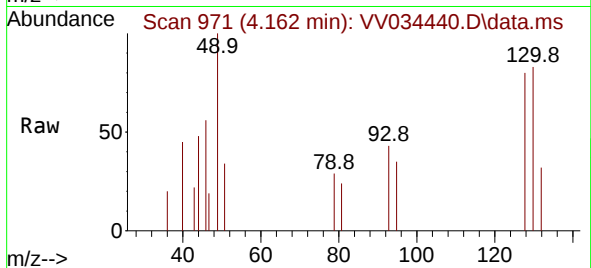
Tgt Ion: 96 Resp: 2549
 Ion Ratio Lower Upper
 96 100
 61 109.8 89.7 166.5
 98 57.7 42.0 78.0





#23
Bromochloromethane
Concen: 0.269 ug/L m
RT: 4.162 min Scan# 911
Delta R.T. 0.013 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

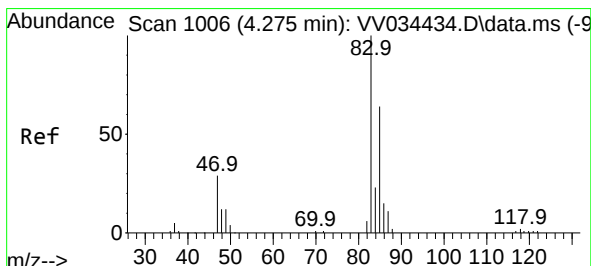
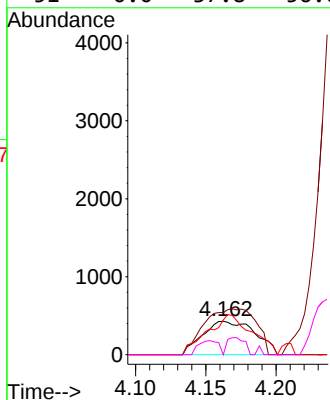
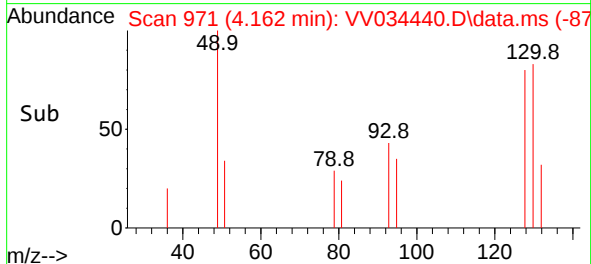
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:128 Resp: 1114
Ion Ratio Lower Upper
128 100
49 125.6 109.9 204.1
130 104.0 87.7 162.9
51 0.0 37.8 56.6#

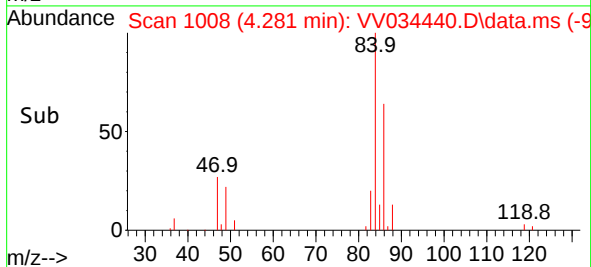
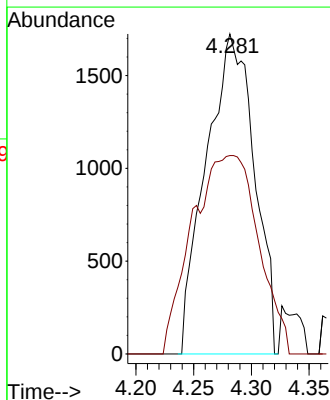
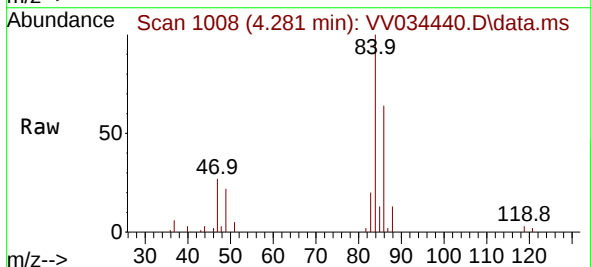
Manual Integrations
APPROVED

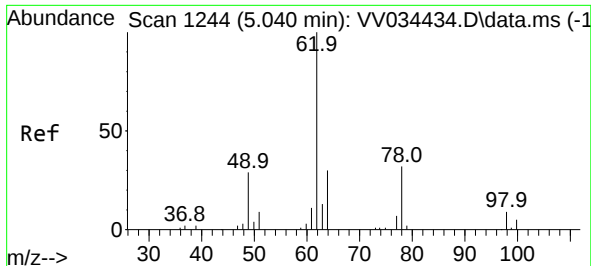
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#25
Chloroform
Concen: 0.277 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

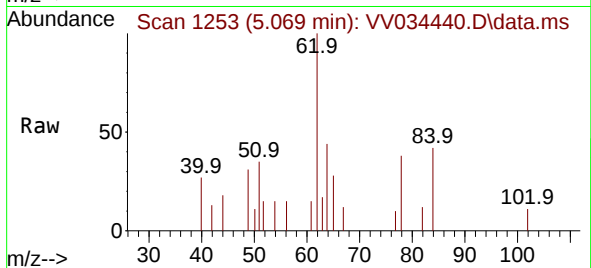
Tgt Ion: 83 Resp: 5010
Ion Ratio Lower Upper
83 100
85 62.0 47.0 87.4





#27
1,2-Dichloroethane
Concen: 0.270 ug/L
RT: 5.069 min Scan# 1253
Delta R.T. 0.029 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

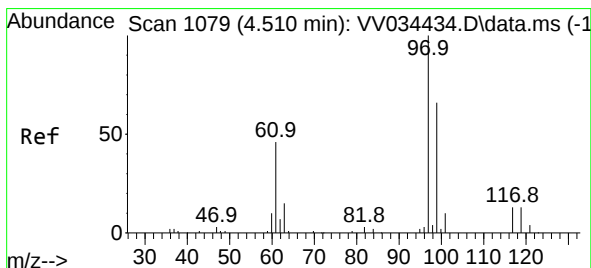
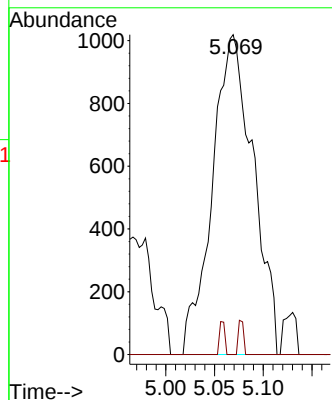
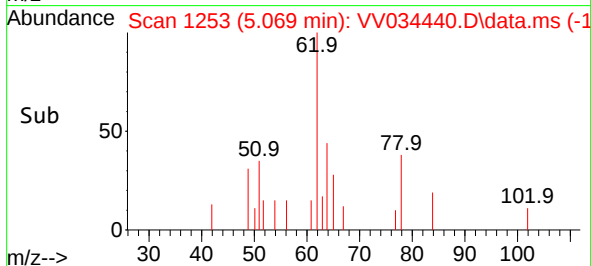
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion: 62 Resp: 2979
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6

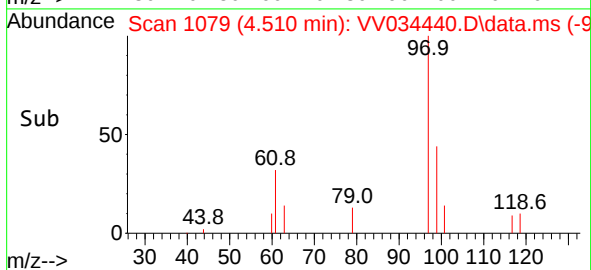
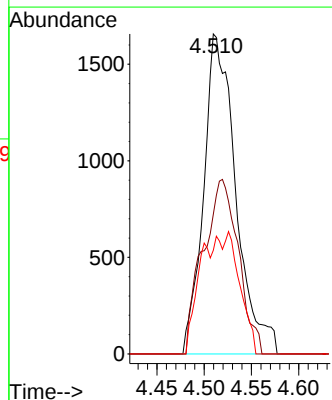
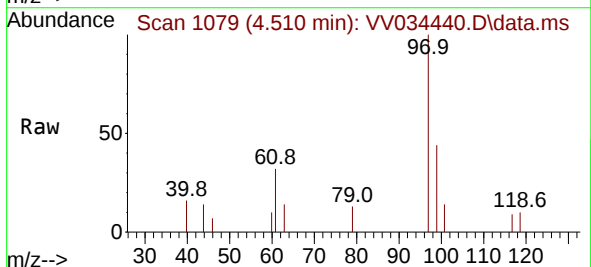
Manual Integrations
APPROVED

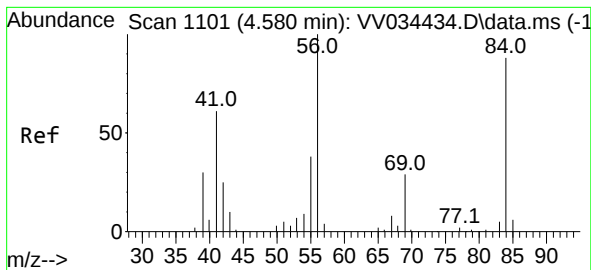
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#29
1,1,1-Trichloroethane
Concen: 0.232 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 97 Resp: 3924
Ion Ratio Lower Upper
97 100
99 59.9 51.2 76.8
61 2.6 36.1 54.1





#30

Cyclohexane

Concen: 0.232 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

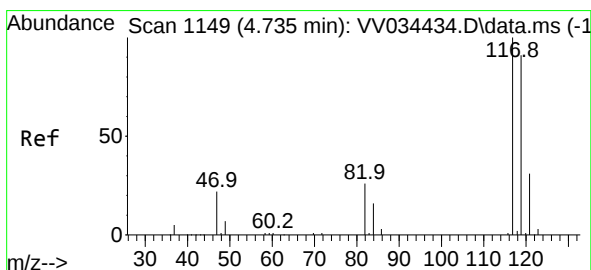
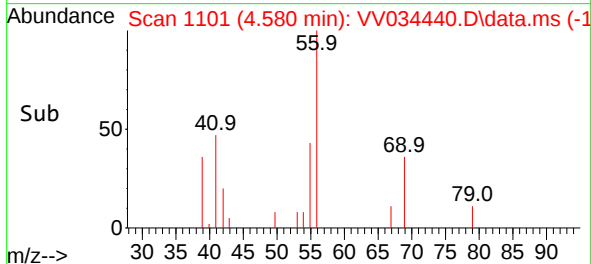
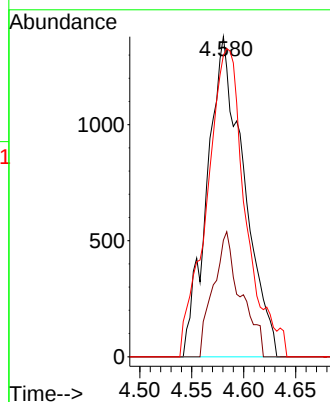
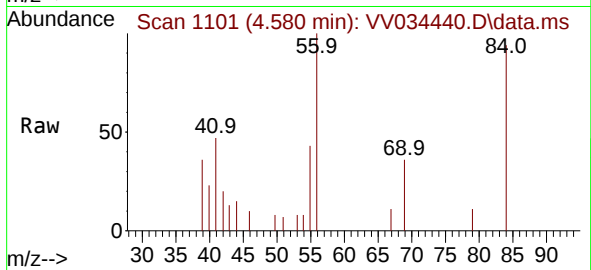
MDL-WATER-QT1-2024-01

Tgt Ion:	56	Resp:	3384
Ion Ratio	Lower	Upper	
56	100		
69	29.2	24.5	36.7
84	101.6	70.3	105.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#31

Carbon tetrachloride

Concen: 0.233 ug/L

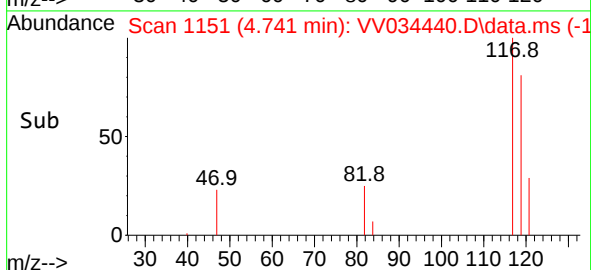
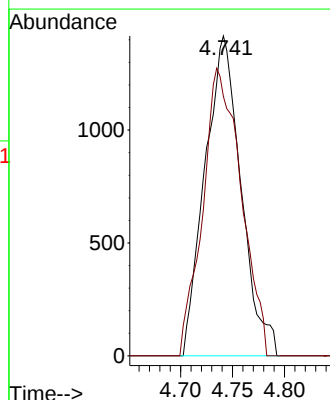
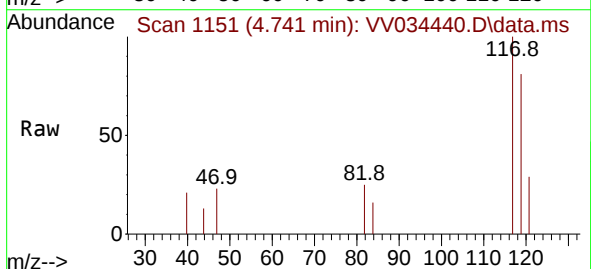
RT: 4.741 min Scan# 1151

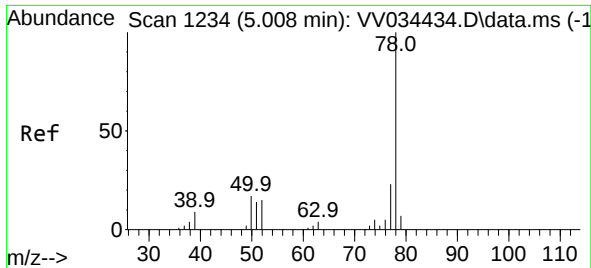
Delta R.T. 0.006 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Tgt Ion:	117	Resp:	3422
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.0	115.6





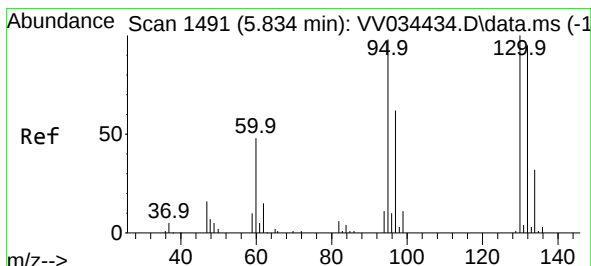
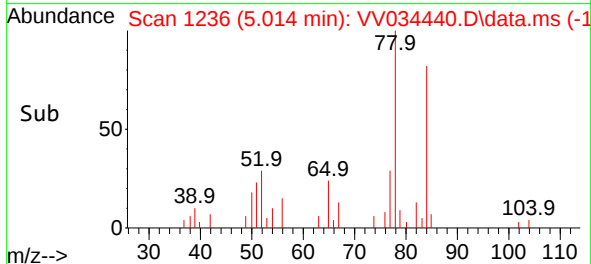
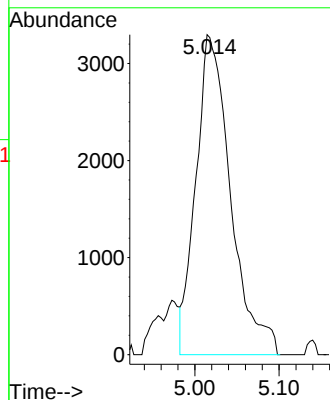
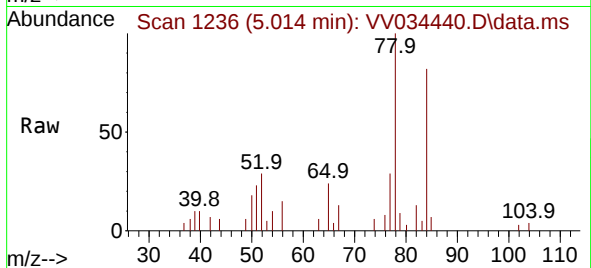
#33
Benzene
Concen: 0.252 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion: 78 Resp: 944

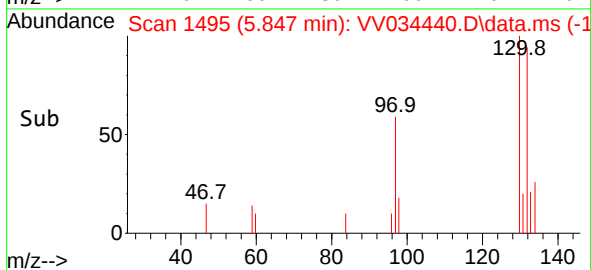
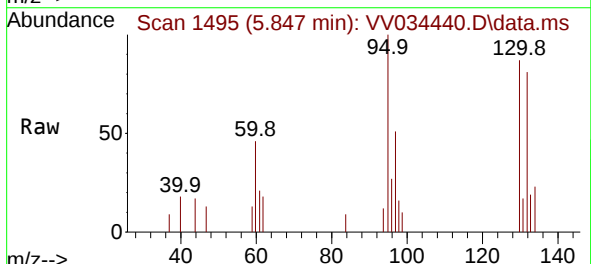
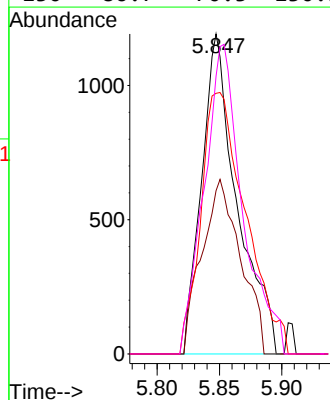
Manual Integrations
APPROVED

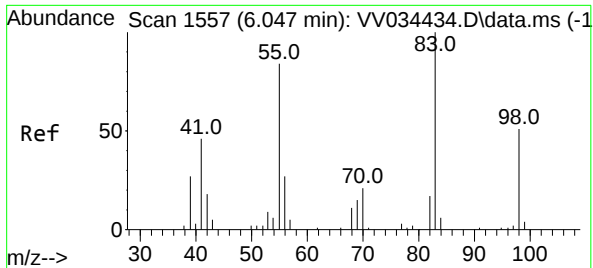
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#34
Trichloroethene
Concen: 0.241 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.013 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 95 Resp: 2360
Ion Ratio Lower Upper
95 100
97 51.0 43.3 80.5
132 81.5 67.8 126.0
130 86.7 70.3 130.5





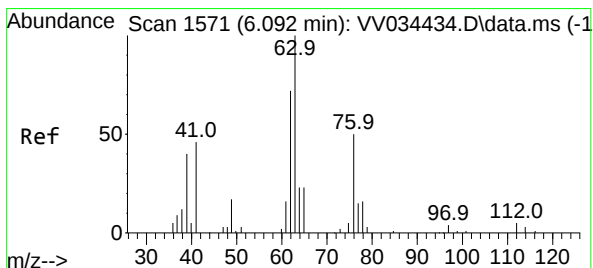
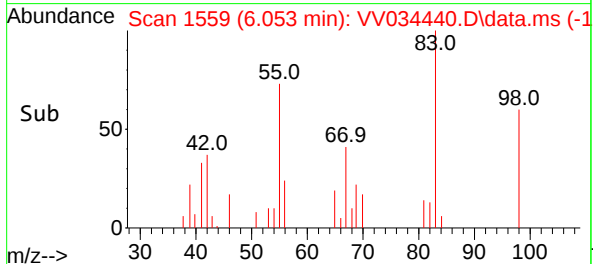
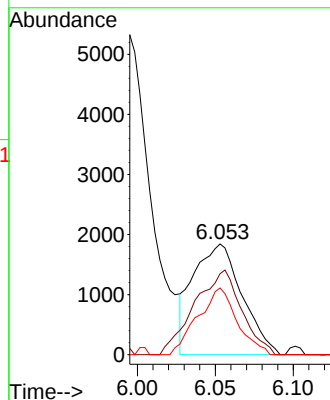
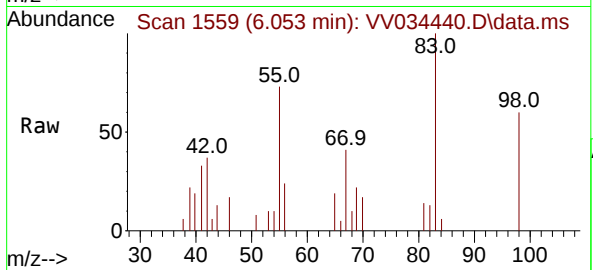
#35
Methylcyclohexane
Concen: 0.262 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion: 83 Resp: 4019
Ion Ratio Lower Upper
83 100
55 73.5 61.9 92.9
98 48.3 38.1 57.1

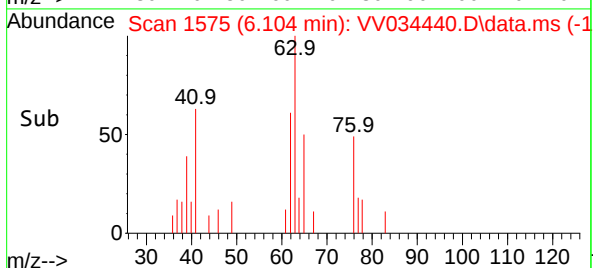
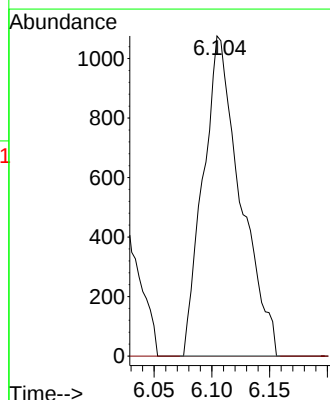
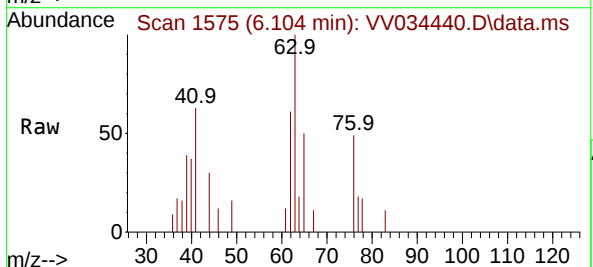
Manual Integrations
APPROVED

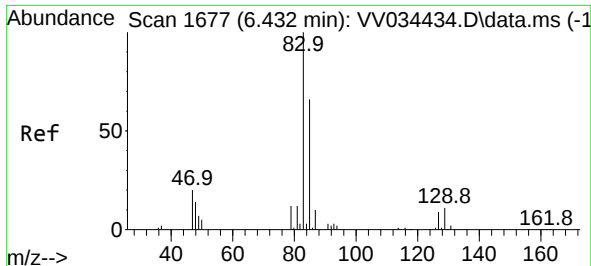
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#37
1,2-Dichloropropane
Concen: 0.261 ug/L
RT: 6.104 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

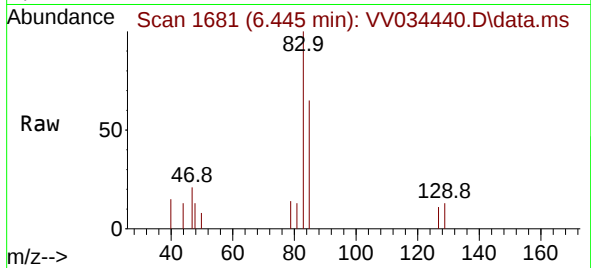
Tgt Ion: 63 Resp: 2419
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#38
Bromodichloromethane
Concen: 0.233 ug/L
RT: 6.445 min Scan# 1677
Delta R.T. 0.013 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

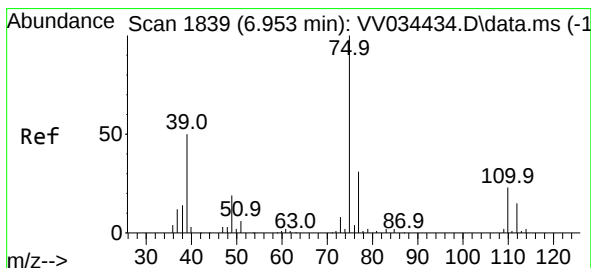
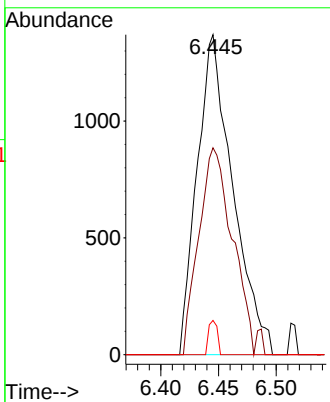
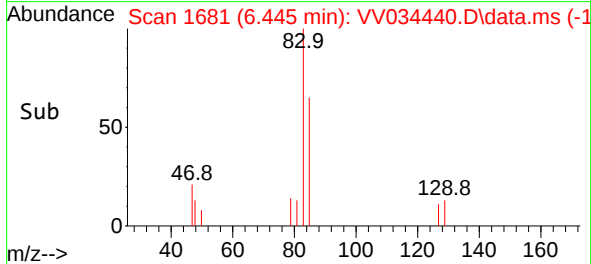
Instrument : MSVOA_V
ClientSampleId : VV034440.D
MDL-WATER-QT1-2024-01



Tgt Ion: 83 Resp: 2940
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2
127 10.7 6.8 10.2

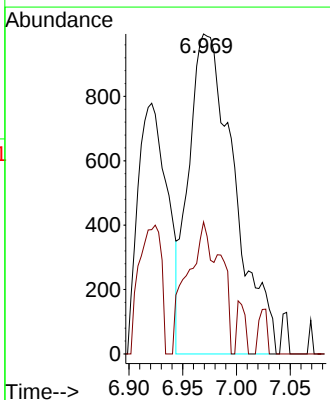
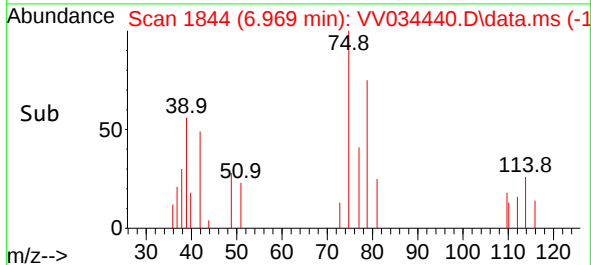
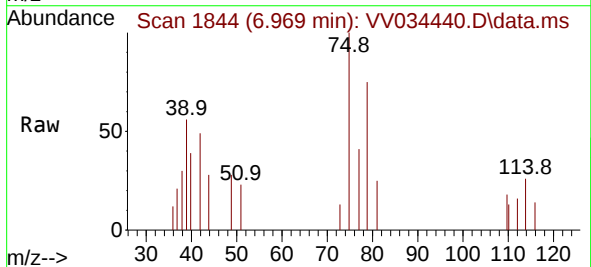
Manual Integrations
APPROVED

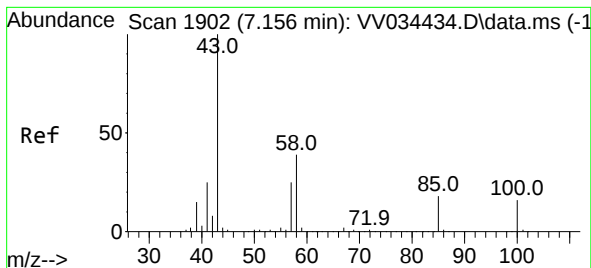
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#39
cis-1,3-Dichloropropene
Concen: 0.228 ug/L
RT: 6.969 min Scan# 1844
Delta R.T. 0.016 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 75 Resp: 2931
Ion Ratio Lower Upper
75 100
77 41.2 21.5 39.9





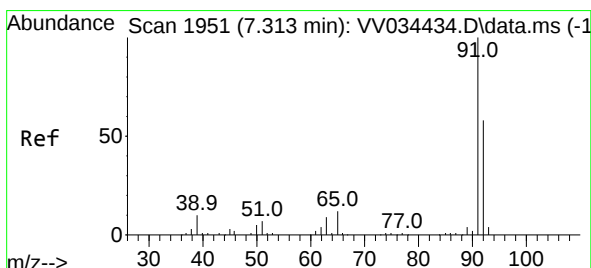
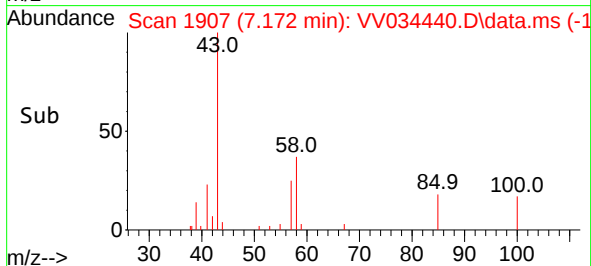
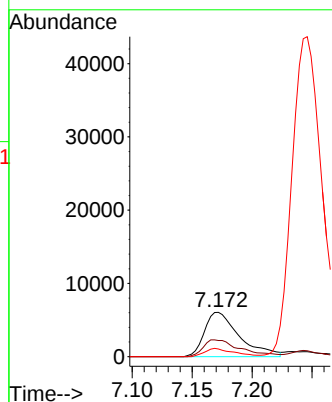
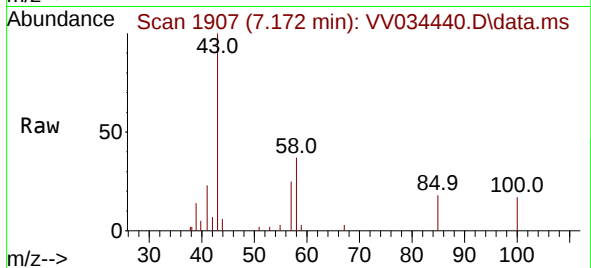
#40
4-Methyl-2-pentanone
Concen: 2.145 ug/L
RT: 7.172 min Scan# 1907
Delta R.T. 0.016 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument : MSVOA_V
Client Sample Id :
MDL-WATER-QT1-2024-01

Tgt Ion: 43 Resp: 12292
Ion Ratio Lower Upper
43 100
58 40.7 30.7 46.1
100 0.0 12.3 18.5

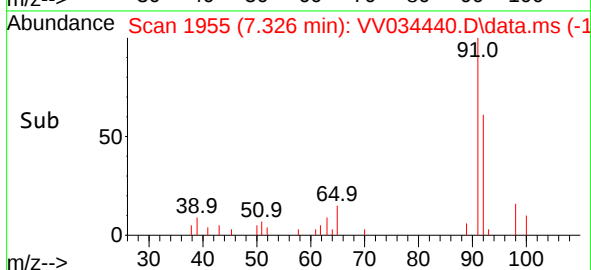
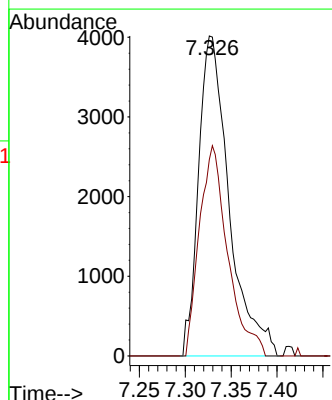
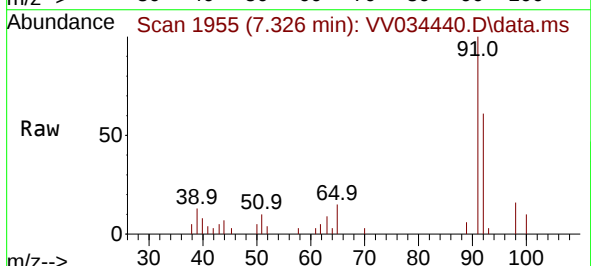
Manual Integrations
APPROVED

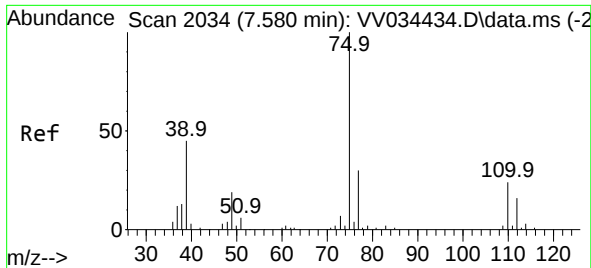
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#42
Toluene
Concen: 0.236 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.013 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 91 Resp: 9299
Ion Ratio Lower Upper
91 100
92 61.3 40.5 75.3





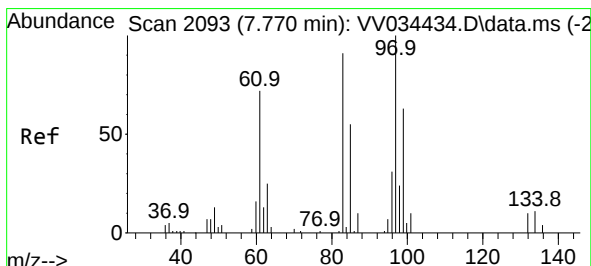
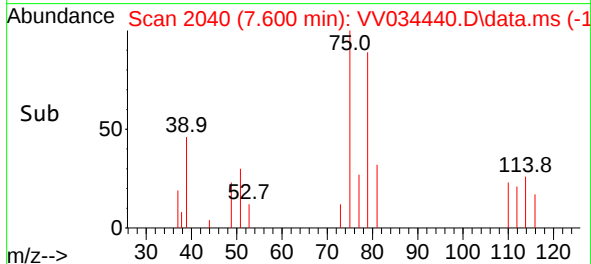
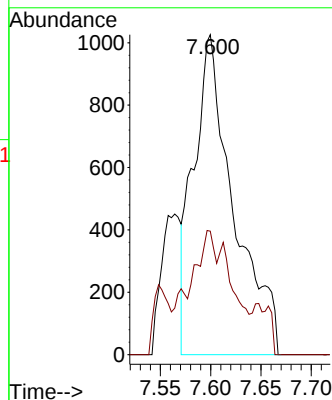
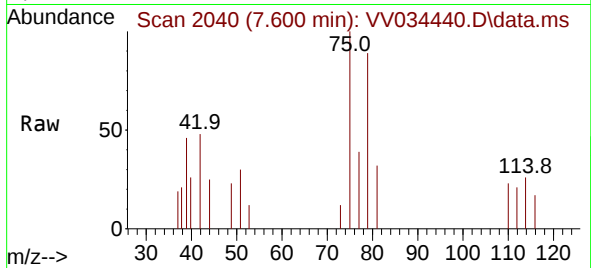
#44
trans-1,3-Dichloropropene
Concen: 0.273 ug/L m
RT: 7.600 min Scan# 2040
Delta R.T. 0.019 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion: 75 Resp: 284
Ion Ratio Lower Upper
75 100
77 38.6 22.7 42.1

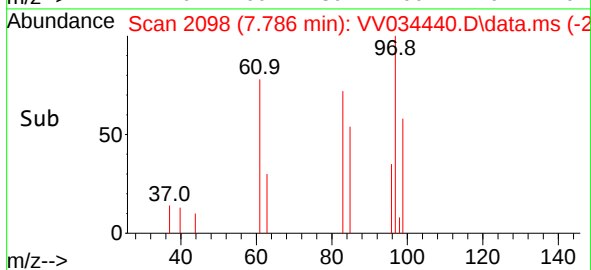
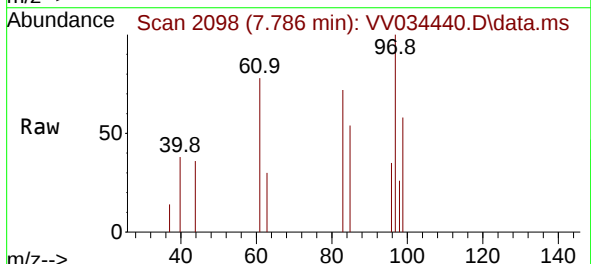
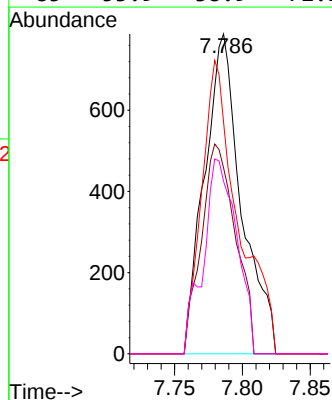
Manual Integrations
APPROVED

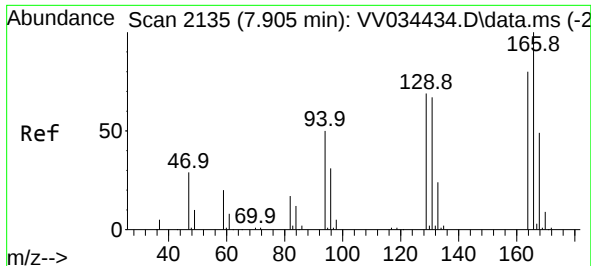
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#45
1,1,2-Trichloroethane
Concen: 0.237 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. 0.016 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

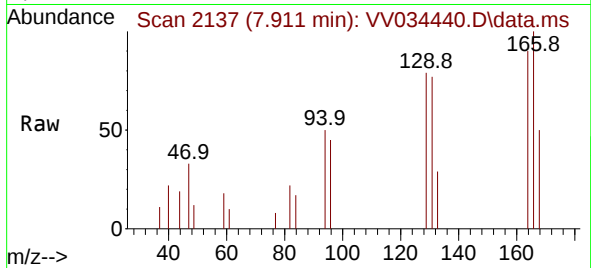
Tgt Ion: 97 Resp: 1491
Ion Ratio Lower Upper
97 100
99 58.1 43.3 80.5
83 72.5 57.9 107.5
85 53.9 38.9 72.2





#47
Tetrachloroethene
Concen: 0.277 ug/L
RT: 7.911 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

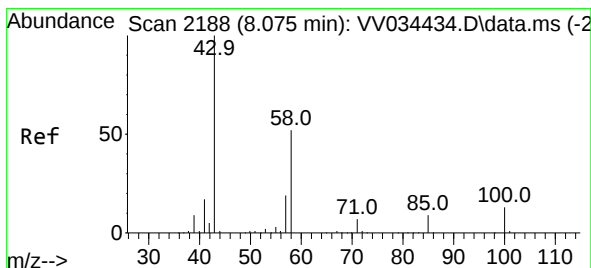
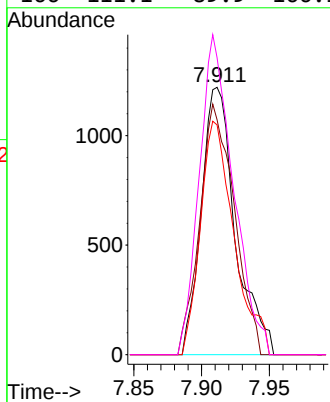
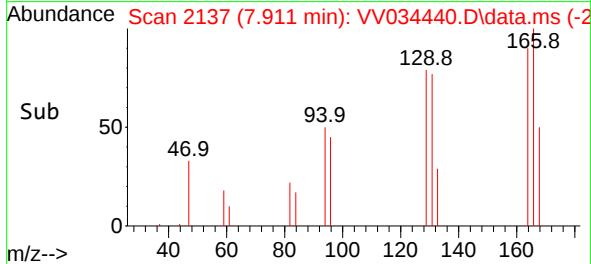
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:164 Resp: 212.3
Ion Ratio Lower Upper
164 100
129 87.8 64.2 119.2
131 85.9 65.9 122.3
166 111.1 89.9 166.9

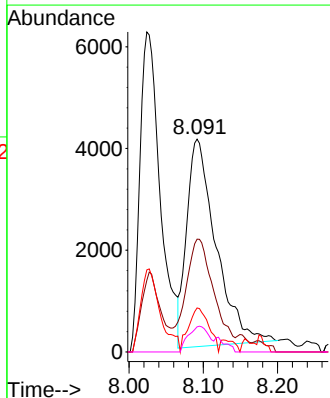
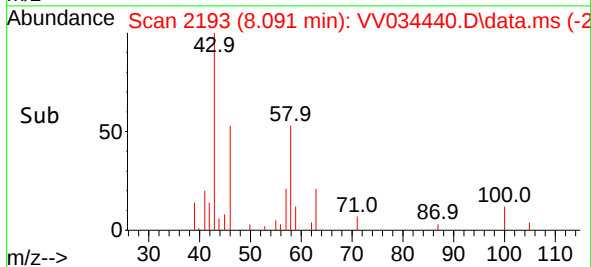
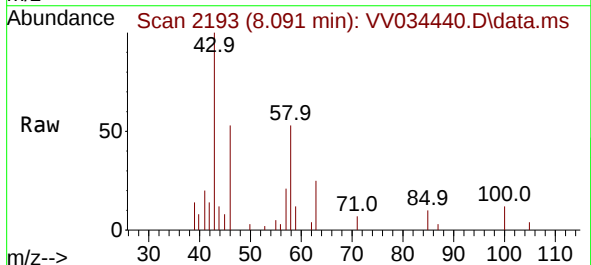
Manual Integrations
APPROVED

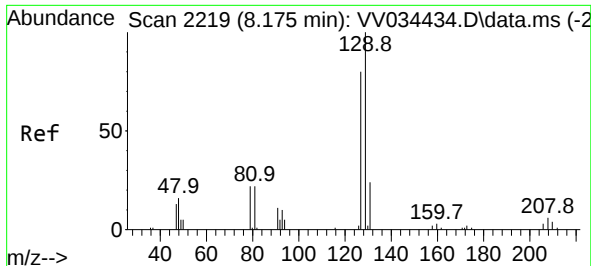
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#48
2-Hexanone
Concen: 2.740 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.016 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 43 Resp: 11184
Ion Ratio Lower Upper
43 100
58 52.8 43.4 65.0
57 14.6 15.5 23.3#
100 8.7 10.3 15.5#





#49

Dibromochloromethane

Concen: 0.236 ug/L

RT: 8.182 min Scan# 2219

Delta R.T. 0.006 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

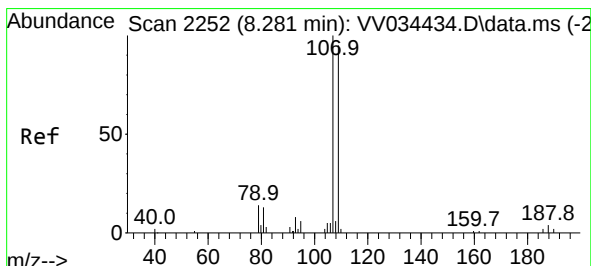
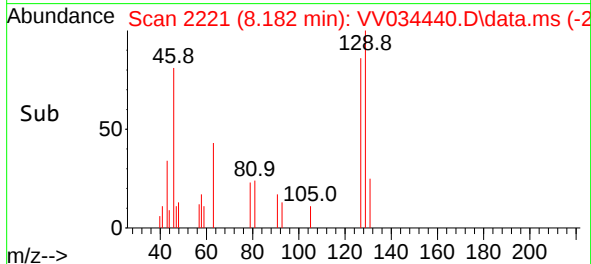
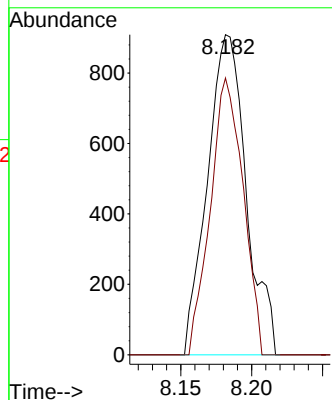
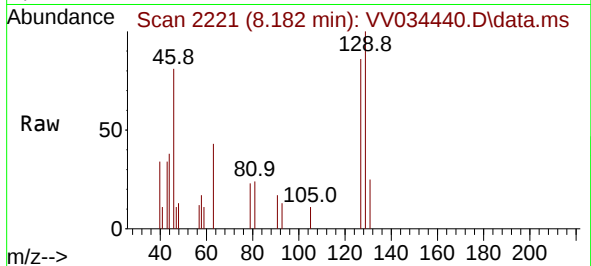
MDL-WATER-QT1-2024-01

Tgt Ion:129 Resp: 1738
 Ion Ratio Lower Upper
 129 100
 127 86.5 54.0 100.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024



#50

1,2-Dibromoethane

Concen: 0.215 ug/L

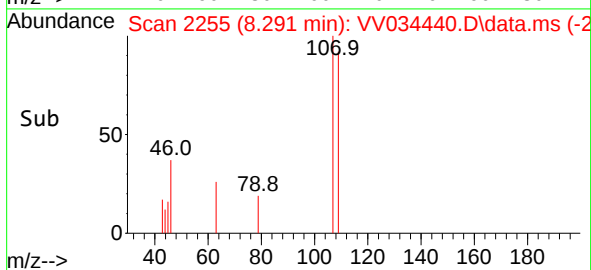
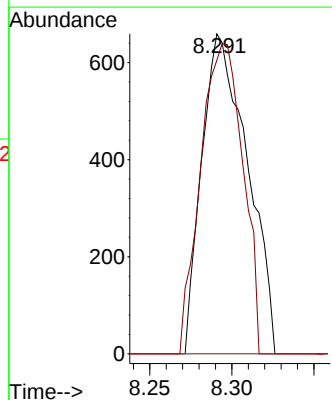
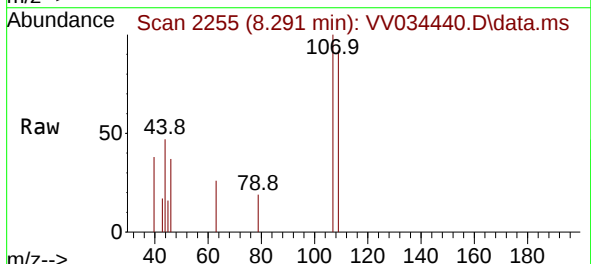
RT: 8.291 min Scan# 2255

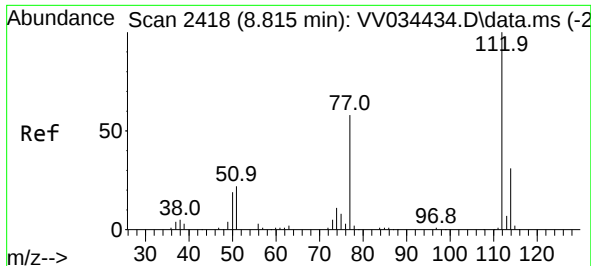
Delta R.T. 0.010 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Tgt Ion:107 Resp: 1269
 Ion Ratio Lower Upper
 107 100
 109 91.8 63.8 118.4
 188 0.0 3.1 4.7#





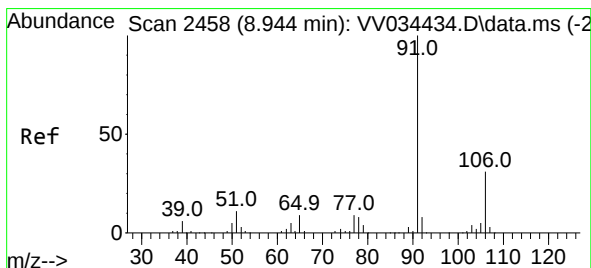
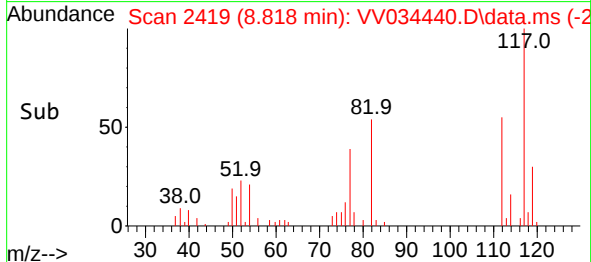
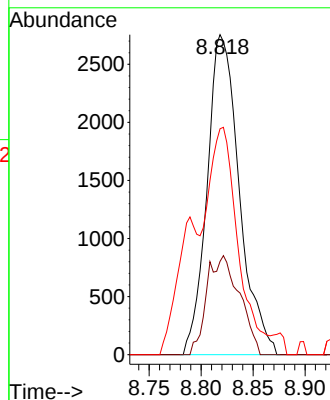
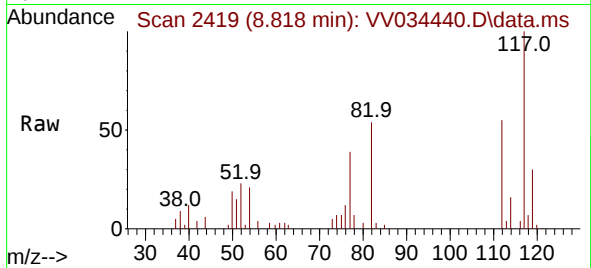
#51
Chlorobenzene
Concen: 0.232 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion: 112 Resp: 594
Ion Ratio Lower Upper
112 100
114 29.1 22.5 41.9
77 70.6 45.4 68.2

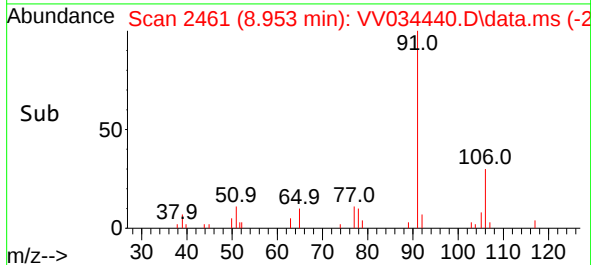
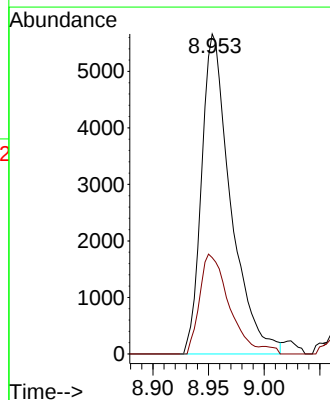
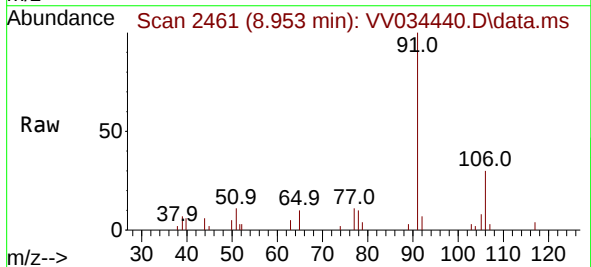
Manual Integrations
APPROVED

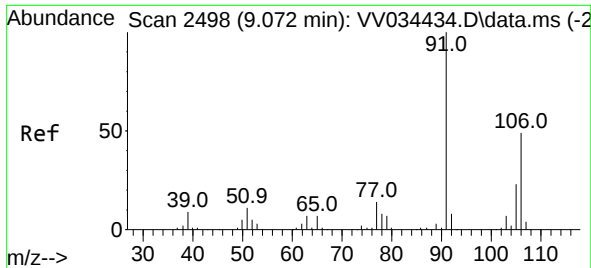
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#52
Ethylbenzene
Concen: 0.233 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.010 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 91 Resp: 10313
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8





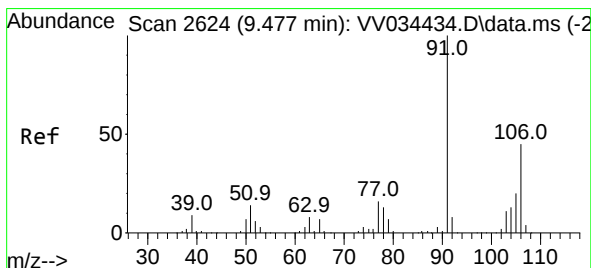
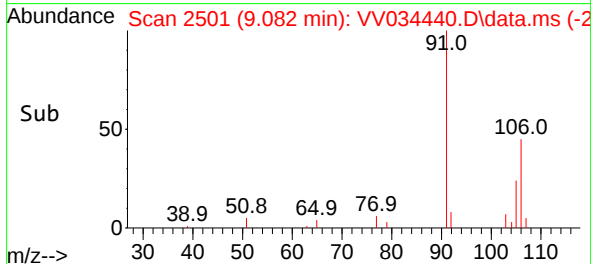
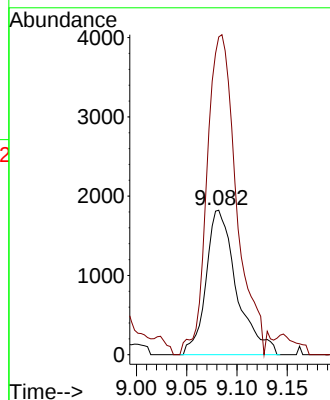
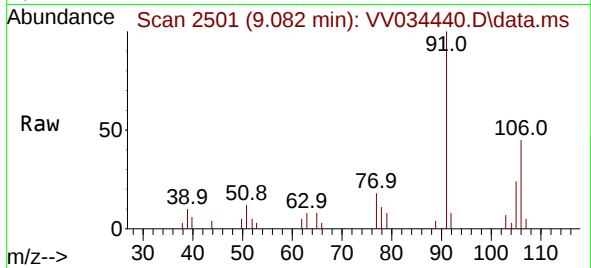
#53
m,p-Xylene
Concen: 0.234 ug/L
RT: 9.082 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion:106 Resp: 3852
Ion Ratio Lower Upper
106 100
91 219.9 148.5 275.9

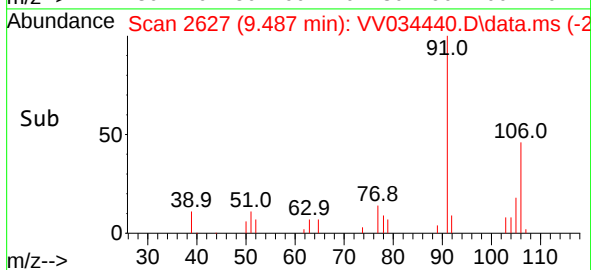
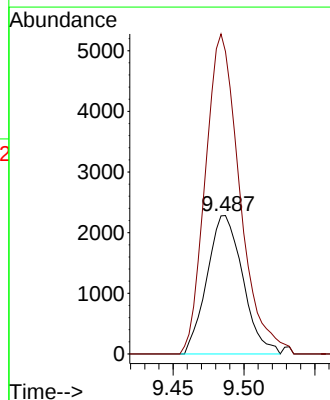
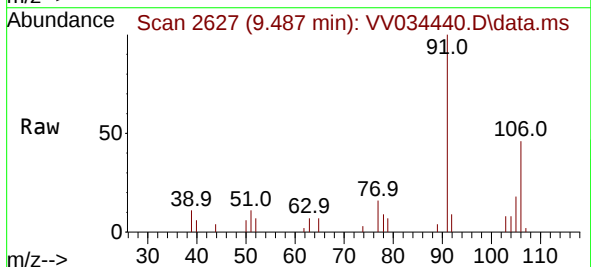
Manual Integrations
APPROVED

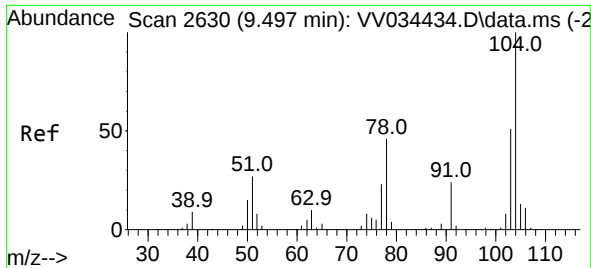
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#54
o-Xylene
Concen: 0.244 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion:106 Resp: 4009
Ion Ratio Lower Upper
106 100
91 218.4 155.8 289.3





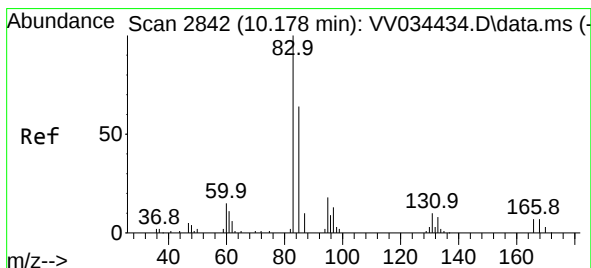
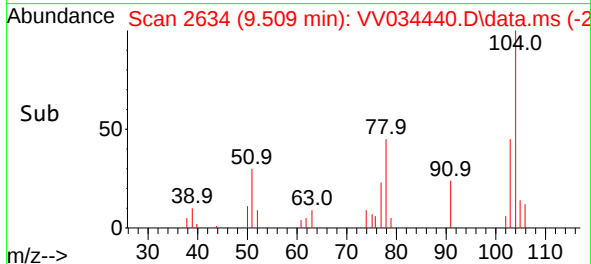
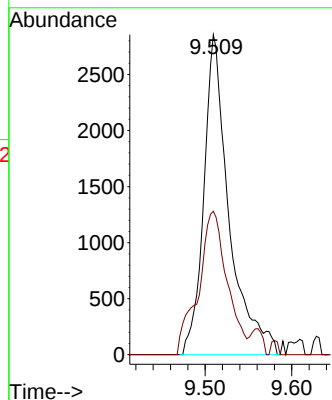
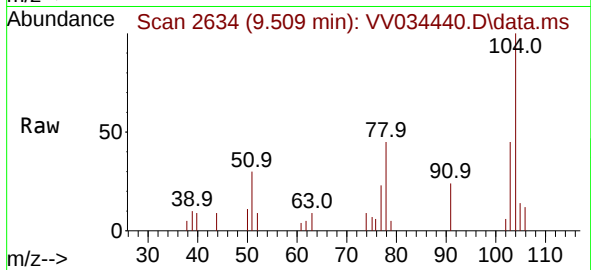
#55
Styrene
Concen: 0.218 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.013 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion:104 Resp: 577
Ion Ratio Lower Upper
104 100
78 44.8 32.9 61.1

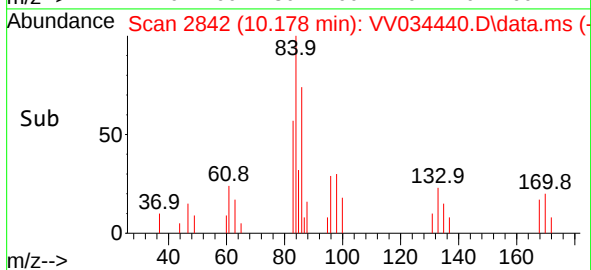
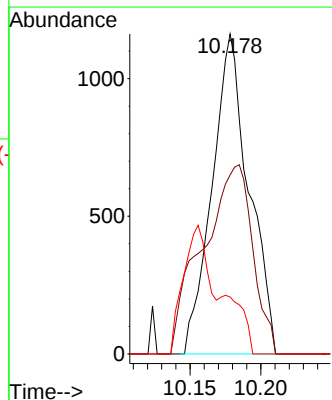
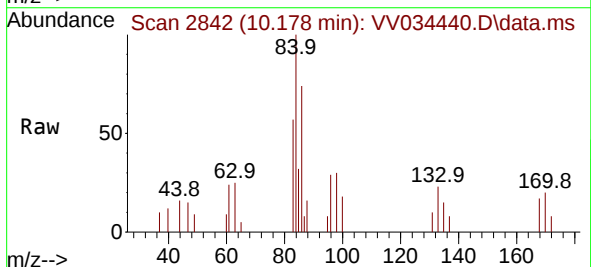
Manual Integrations
APPROVED

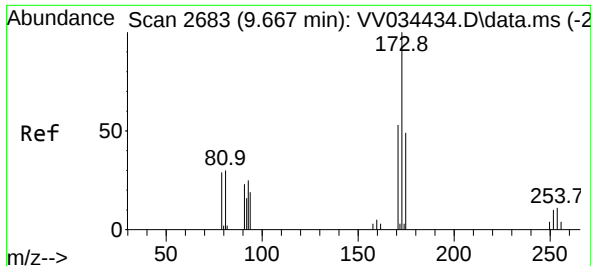
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.277 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 83 Resp: 2091
Ion Ratio Lower Upper
83 100
85 55.9 46.7 86.7
131 17.8 8.6 12.8





#59

Bromoform

Concen: 0.168 ug/L

RT: 9.670 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

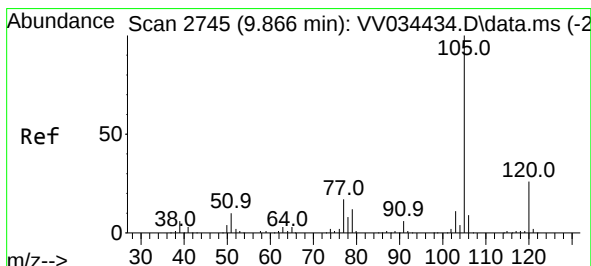
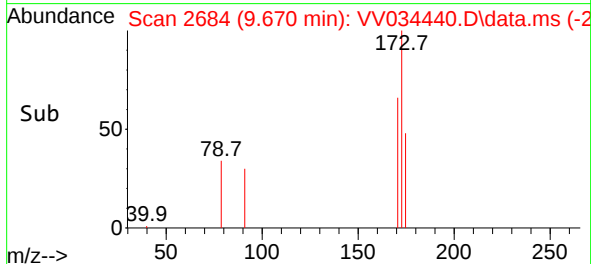
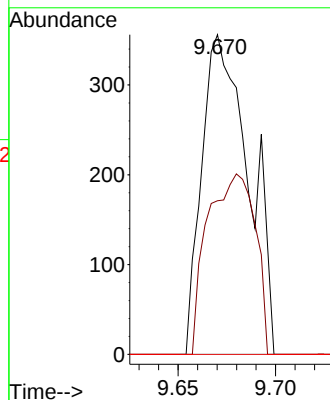
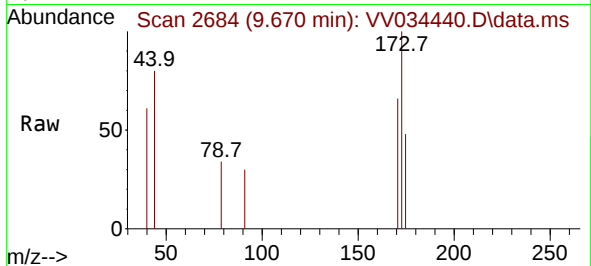
MDL-WATER-QT1-2024-01

Tgt Ion:173	Resp:	592
Ion Ratio	Lower	Upper
173	100	
175	57.8	38.9 58.3
254	0.0	7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#60

Isopropylbenzene

Concen: 0.226 ug/L

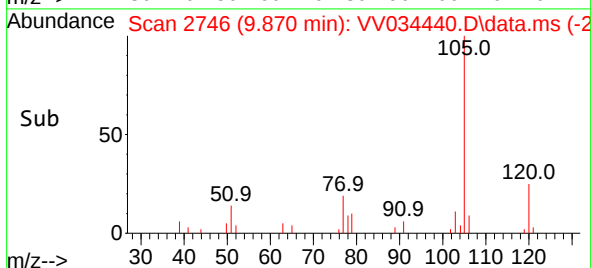
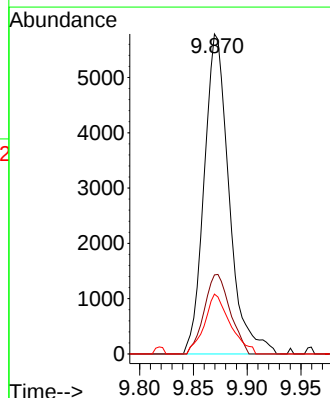
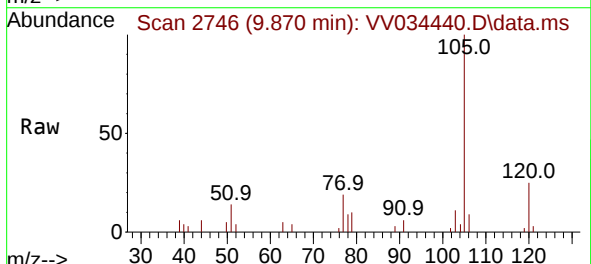
RT: 9.870 min Scan# 2746

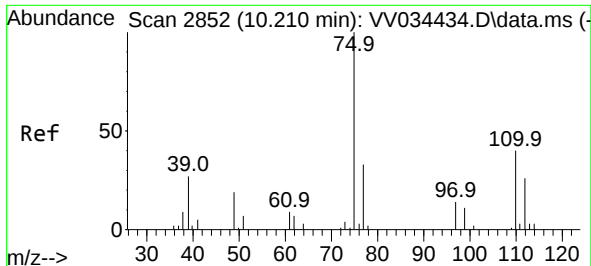
Delta R.T. 0.003 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Tgt Ion:105	Resp:	9342
Ion Ratio	Lower	Upper
105	100	
120	25.7	21.3 31.9
77	19.2	13.0 19.4





#61

1,2,3-Trichloropropane

Concen: 0.284 ug/L

RT: 10.217 min Scan# 2854

Delta R.T. 0.006 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

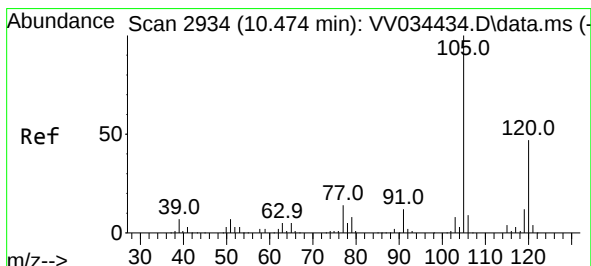
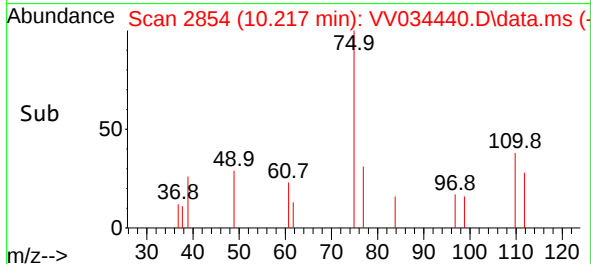
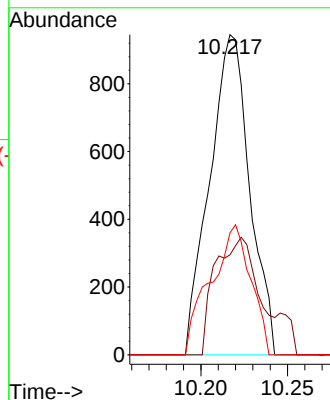
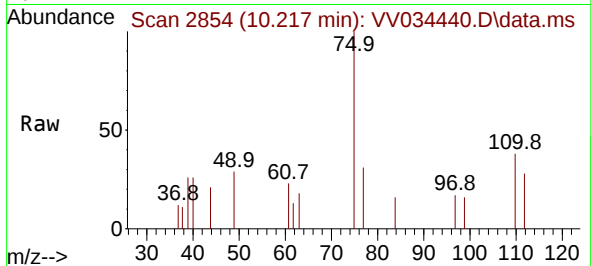
MDL-WATER-QT1-2024-01

Tgt Ion: 75	Resp: 1518
Ion Ratio	Lower Upper
75	100
77	39.5 27.7 41.5
110	41.0 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#62

1,3,5-Trimethylbenzene

Concen: 0.226 ug/L

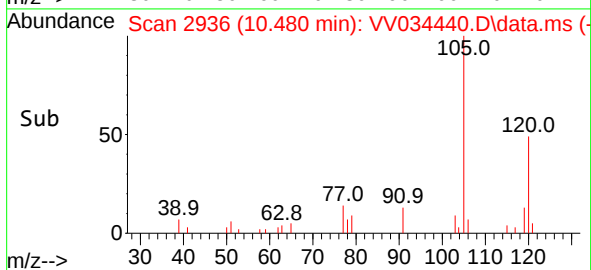
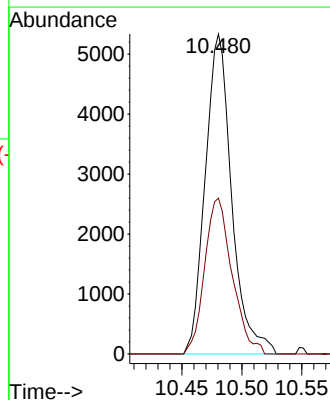
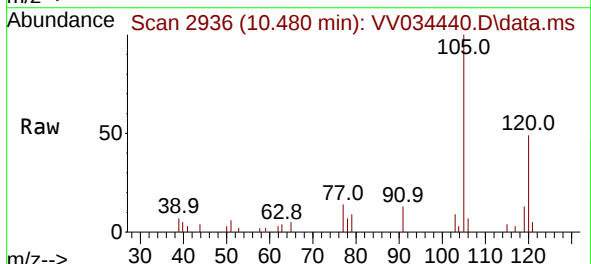
RT: 10.480 min Scan# 2936

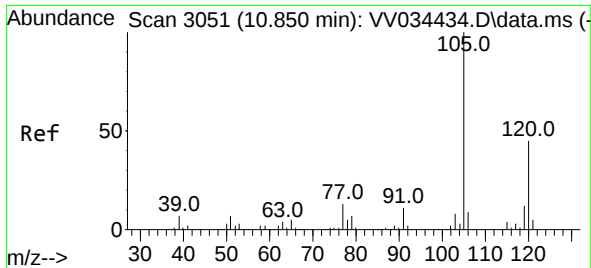
Delta R.T. 0.006 min

Lab File: VV034440.D

Acq: 27 Feb 2024 11:35

Tgt Ion: 105	Resp: 8186
Ion Ratio	Lower Upper
105	100
120	50.5 38.7 58.1





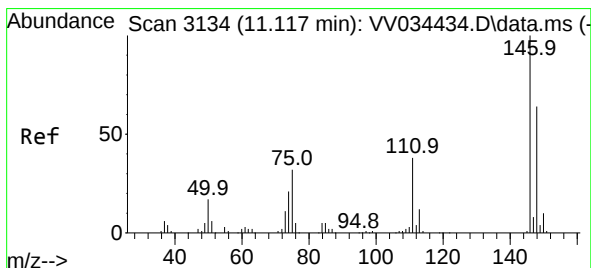
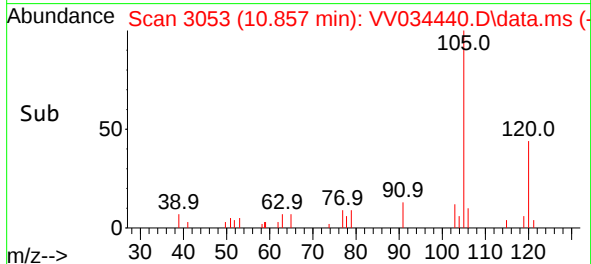
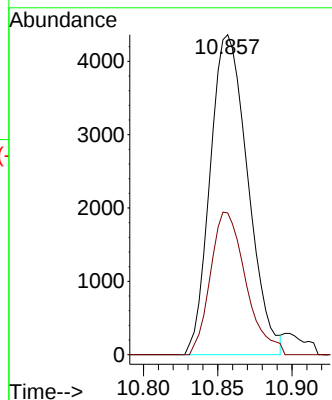
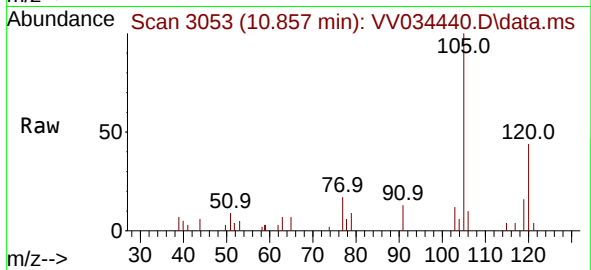
#63
1,2,4-Trimethylbenzene
Concen: 0.212 ug/L
RT: 10.857 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion:105 Resp: 7690
Ion Ratio Lower Upper
105 100
120 41.8 35.4 53.2

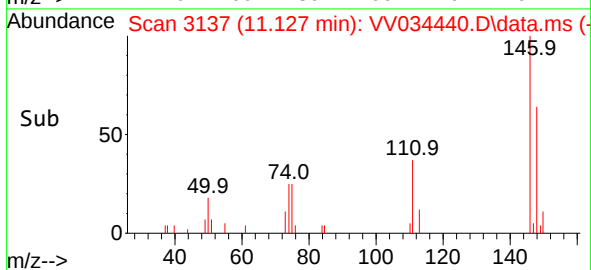
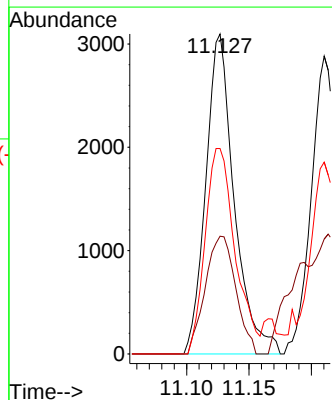
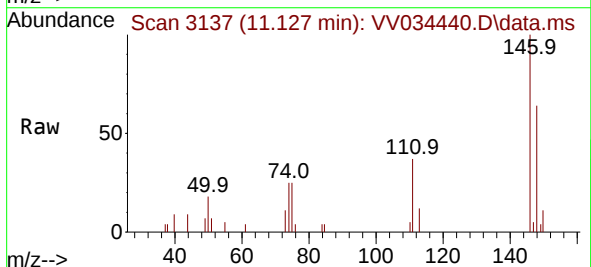
Manual Integrations
APPROVED

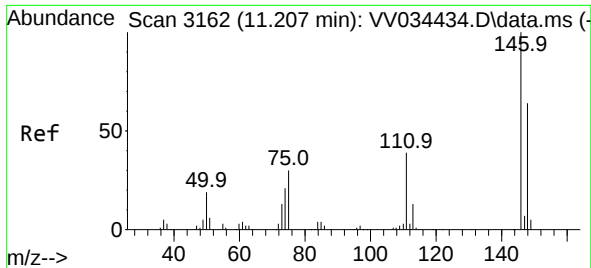
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#64
1,3-Dichlorobenzene
Concen: 0.245 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.010 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

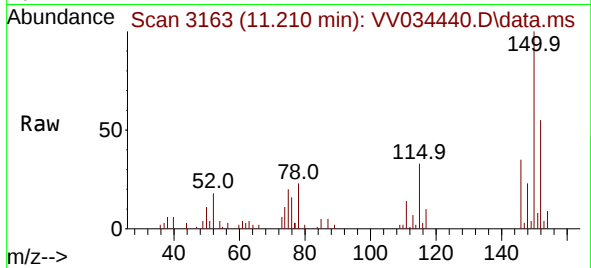
Tgt Ion:146 Resp: 4923
Ion Ratio Lower Upper
146 100
111 36.8 27.0 50.2
148 64.2 43.1 80.1





#65
1,4-Dichlorobenzene
Concen: 0.244 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

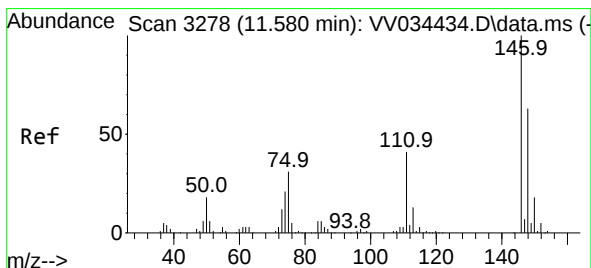
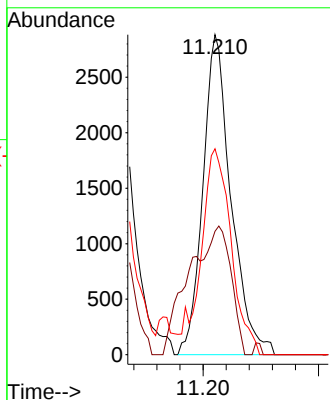
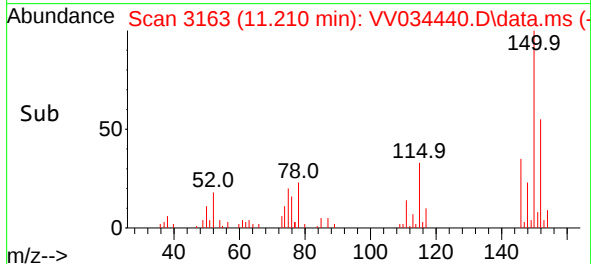
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01



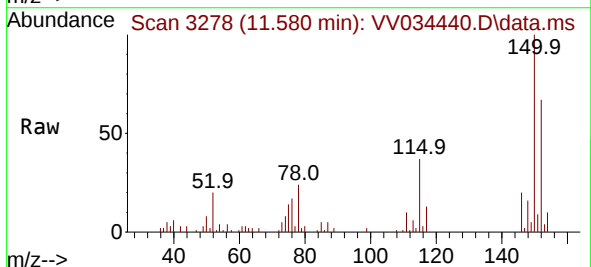
Tgt Ion:146 Resp: 487
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.6
148 64.4 43.5 80.9

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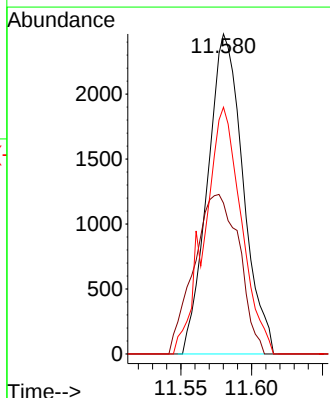
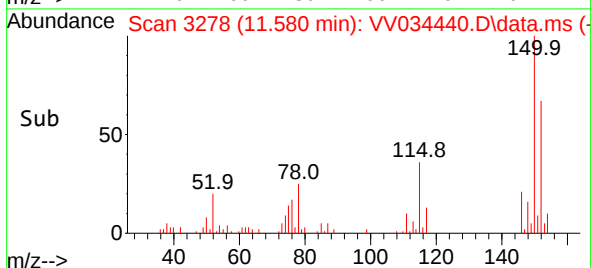
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024

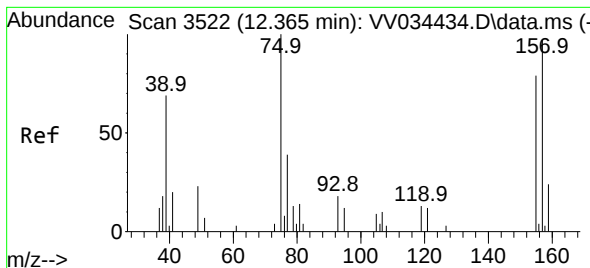


#67
1,2-Dichlorobenzene
Concen: 0.227 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35



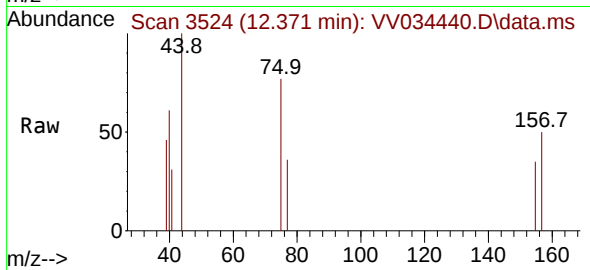
Tgt Ion:146 Resp: 4289
Ion Ratio Lower Upper
146 100
111 47.1 32.2 48.4
148 77.1 49.7 74.5#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.193 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

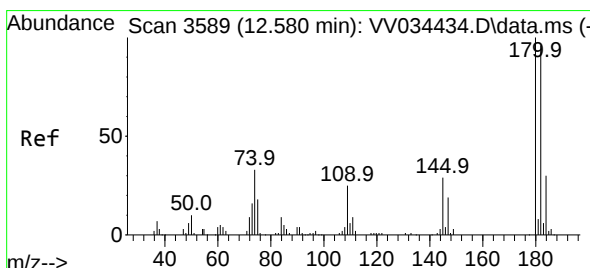
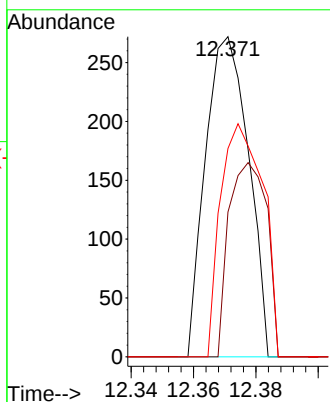
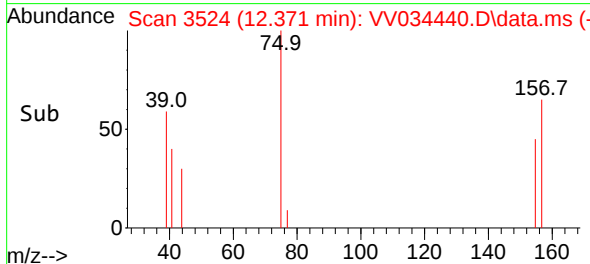
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01



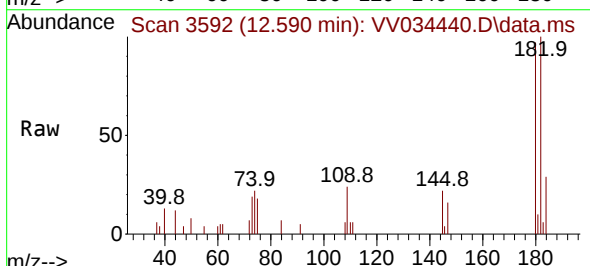
Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
155 45.2 60.0 90.0
157 65.1 78.6 117.8

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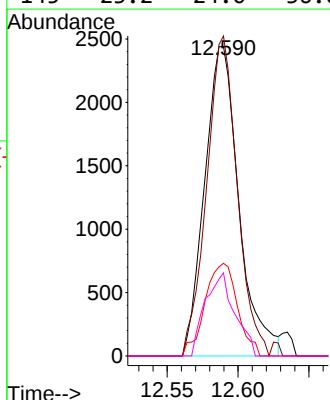
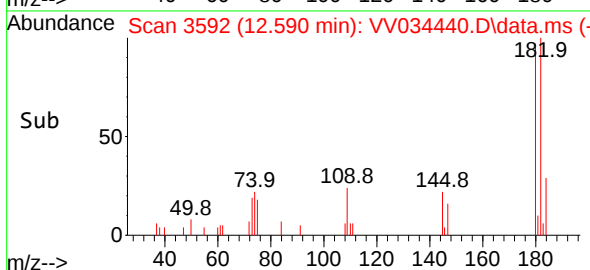
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024

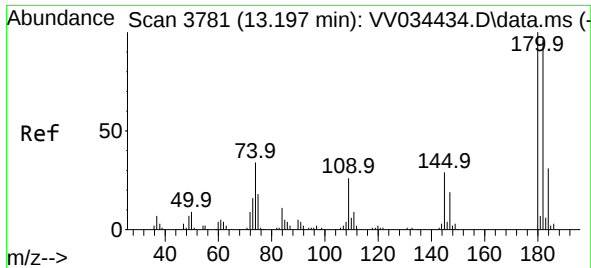


#69
1,3,5-Trichlorobenzene
Concen: 0.265 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.010 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35



Tgt Ion:180 Resp: 4099
Ion Ratio Lower Upper
180 100
182 92.2 77.8 116.6
184 28.3 23.8 35.8
145 23.2 24.0 36.0





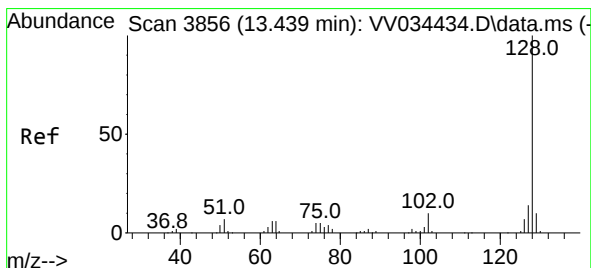
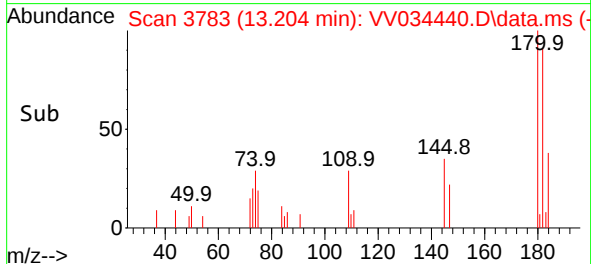
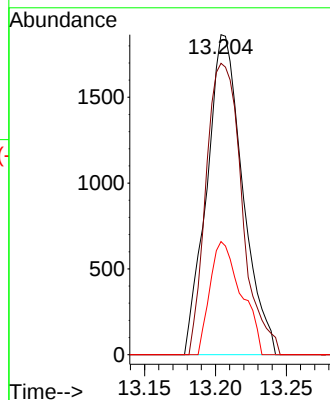
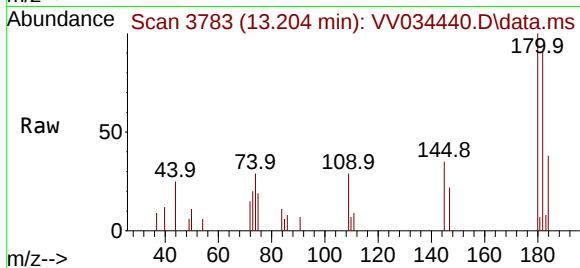
#70
1,2,4-trichlorobenzene
Concen: 0.243 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion:180 Resp: 328
Ion Ratio Lower Upper
180 100
182 91.0 75.3 112.9
145 30.7 23.6 35.4

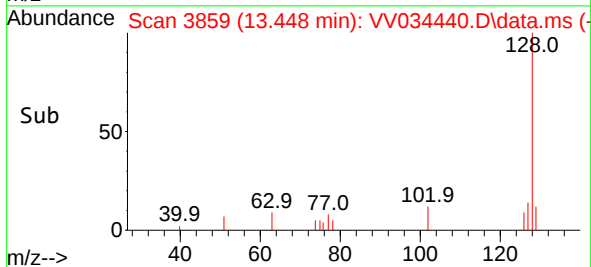
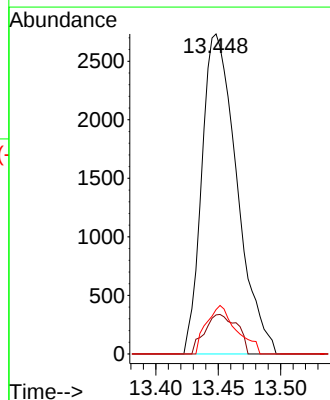
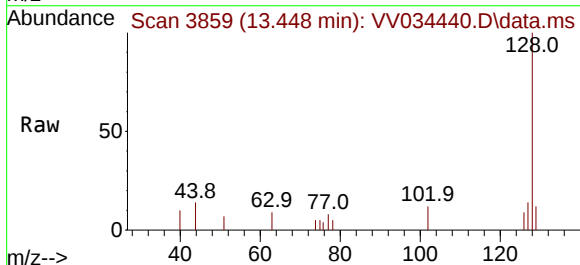
Manual Integrations
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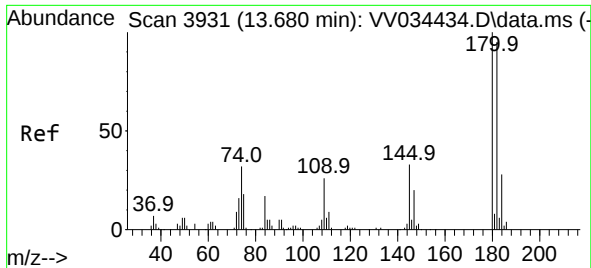
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#71
Naphthalene
Concen: 0.231 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.010 min
Lab File: VV034440.D
Acq: 27 Feb 2024 11:35

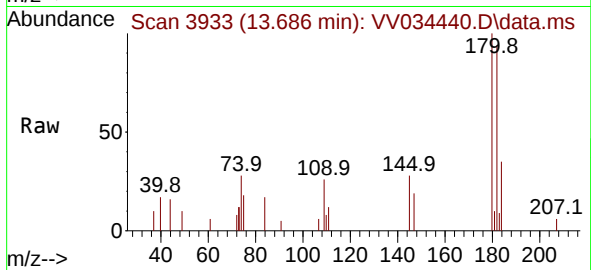
Tgt Ion:128 Resp: 5327
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.0 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.241 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.006 min
 Lab File: VV034440.D
 Acq: 27 Feb 2024 11:35

Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-01



Tgt Ion:	180	Resp:	291.5
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.1	114.1
145	32.1	25.8	38.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024

