

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012524\
 Data File : VV033868.D
 Acq On : 25 Jan 2024 15:15
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Jan 25 21:28:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98859	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	93375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38982	5.091	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.532	69	32609	4.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.060	65	17273	4.678	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	3.789	46	61871	48.116	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.240%	
24) Chloroform-d	4.252	84	67793	4.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	4.944	65	32992	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	4.960	84	136834	4.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	5.989	67	40078	5.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.243	98	123816	4.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.558	79	11157	3.773	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.024	63	54120	51.270	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.540%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	24280	5.114	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	44204	5.220	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	1520	0.168	ug/L	92
3) Chloromethane	1.214	50	3368	0.341	ug/L	95
5) Vinyl chloride	1.285	62	2534	0.268	ug/L #	1
6) Bromomethane	1.487	94	899	0.181	ug/L	83
9) Trichlorofluoromethane	1.716	101	2584	0.190	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1844	0.259	ug/L #	71
12) 1,1-Dichloroethene	2.072	96	1876	0.272	ug/L #	1
13) Acetone	2.117	43	2820	2.891	ug/L #	52
14) Carbon disulfide	2.243	76	5839	0.261	ug/L	96
15) Methyl Acetate	2.413	43	454m	0.197	ug/L	
17) Methyl tert-butyl Ether	2.706	73	2597	0.183	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	1332	0.189	ug/L	98
19) 1,1-Dichloroethane	3.121	63	2346	0.182	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	1981	0.248	ug/L	90
23) Bromochloromethane	4.162	128	405	0.146	ug/L	83
27) 1,2-Dichloroethane	5.069	62	1366	0.183	ug/L #	76
29) 1,1,1-Trichloroethane	4.516	97	2146	0.171	ug/L	97
30) Cyclohexane	4.590	56	2204m	0.181	ug/L	
31) Carbon tetrachloride	4.741	117	1839	0.168	ug/L	97

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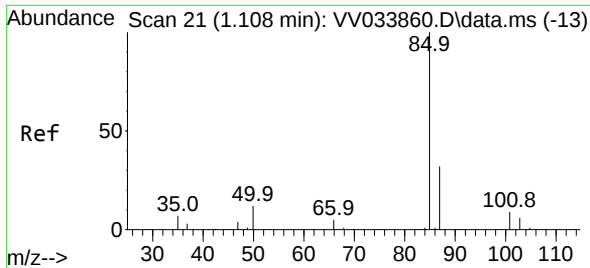
Quant Time: Jan 25 21:28:54 2024
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 Quant Title : TRACE VOA SFAM1.0
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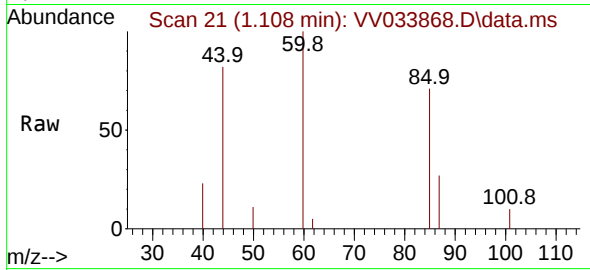
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.018	78	5032	0.180	ug/L	100
34) Trichloroethene	5.844	95	1539	0.190	ug/L #	77
35) Methylcyclohexane	6.056	83	2262	0.178	ug/L	96
37) 1,2-Dichloropropane	6.111	63	1206	0.178	ug/L #	87
38) Bromodichloromethane	6.452	83	1480	0.166	ug/L #	81
39) cis-1,3-Dichloropropene	6.973	75	1720	0.167	ug/L	85
40) 4-Methyl-2-pentanone	7.172	43	5548	1.708	ug/L #	88
42) Toluene	7.326	91	6048	0.202	ug/L	94
44) trans-1,3-Dichloropropene	7.606	75	992	0.125	ug/L	91
45) 1,1,2-Trichloroethane	7.783	97	570	0.136	ug/L #	82
47) Tetrachloroethene	7.911	164	1503	0.228	ug/L	75
48) 2-Hexanone	8.091	43	8365m	3.653	ug/L	
49) Dibromochloromethane	8.185	129	853	0.171	ug/L	99
50) 1,2-Dibromoethane	8.288	107	727	0.193	ug/L #	91
51) Chlorobenzene	8.821	112	3645	0.193	ug/L #	88
52) Ethylbenzene	8.956	91	6677	0.194	ug/L	99
53) m,p-Xylene	9.082	106	2366	0.182	ug/L	97
54) o-Xylene	9.484	106	2203	0.175	ug/L	88
55) Styrene	9.513	104	3150	0.157	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	820	0.185	ug/L #	94
60) Isopropylbenzene	9.870	105	6402	0.186	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	572	0.179	ug/L #	76
62) 1,3,5-Trimethylbenzene	10.480	105	5304	0.182	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	5898	0.208	ug/L	89
64) 1,3-Dichlorobenzene	11.127	146	3145	0.209	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	2930	0.197	ug/L	92
67) 1,2-Dichlorobenzene	11.580	146	2603	0.202	ug/L	94
69) 1,3,5-Trichlorobenzene	12.586	180	2216	0.191	ug/L	97
70) 1,2,4-trichlorobenzene	13.210	180	1963	0.216	ug/L	95
71) Naphthalene	13.451	128	3109	0.261	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.680	180	1678	0.231	ug/L #	91

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



#2
Dichlorodifluoromethane
Concen: 0.168 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
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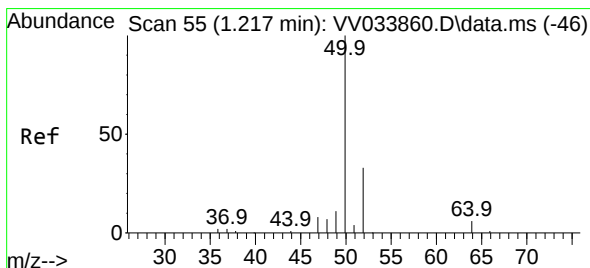
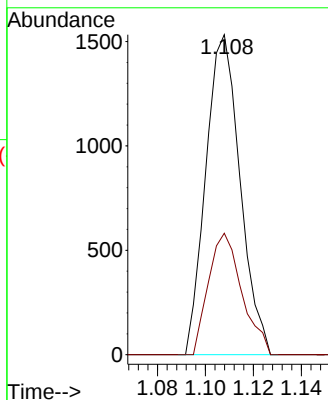
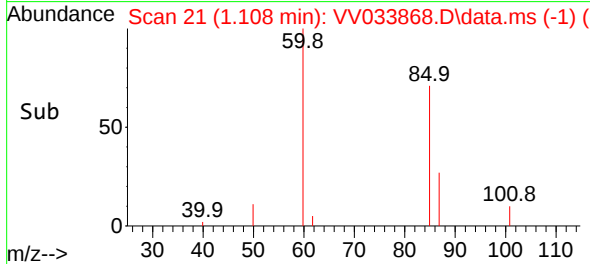
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion: 85 Resp: 1520
Ion Ratio Lower Upper
85 100
87 37.0 26.2 39.4

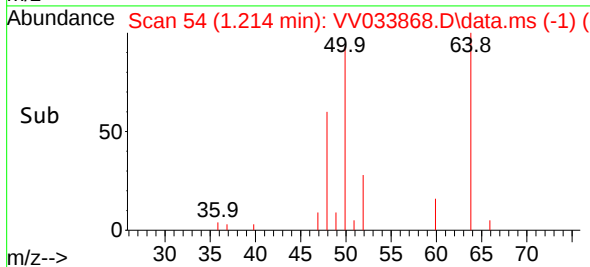
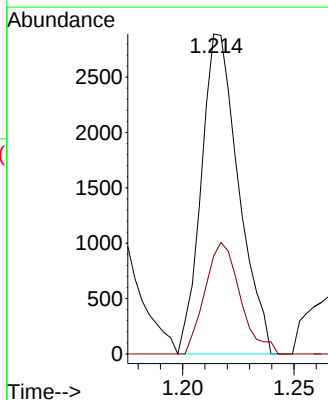
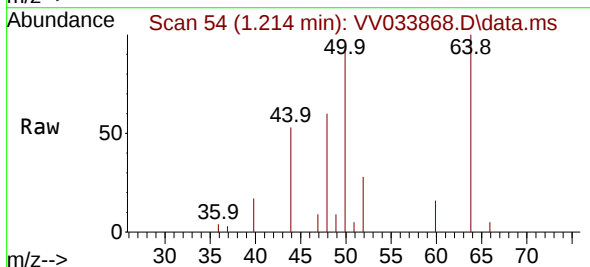
Manual Integrations
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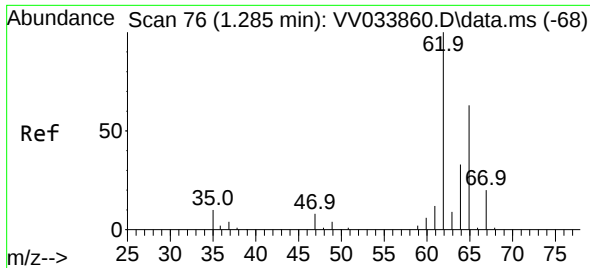
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#3
Chloromethane
Concen: 0.341 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

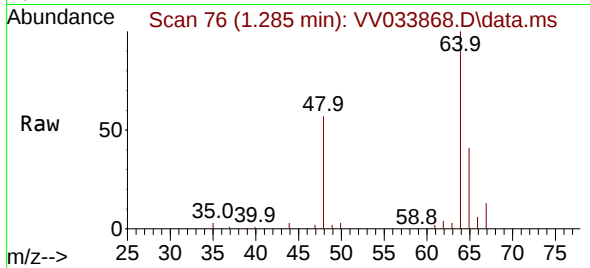
Tgt Ion: 50 Resp: 3368
Ion Ratio Lower Upper
50 100
52 30.7 23.4 43.4





#5
 Vinyl chloride
 Concen: 0.268 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033868.D
 Acq: 25 Jan 2024 15:15

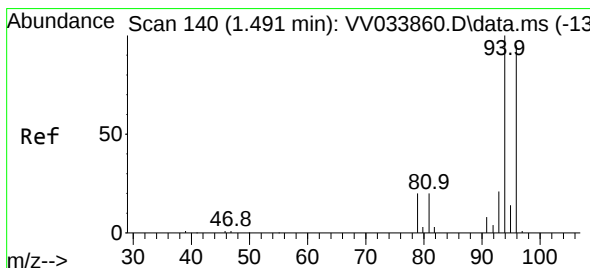
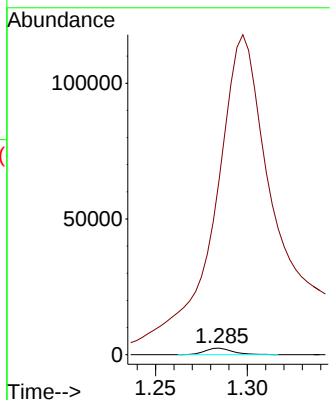
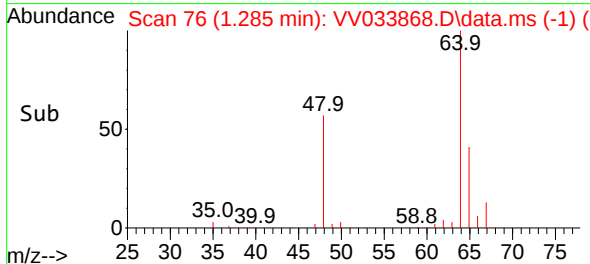
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08



Tgt Ion: 62 Resp: 2534
 Ion Ratio Lower Upper
 62 100
 64 2666.1 27.2 50.4

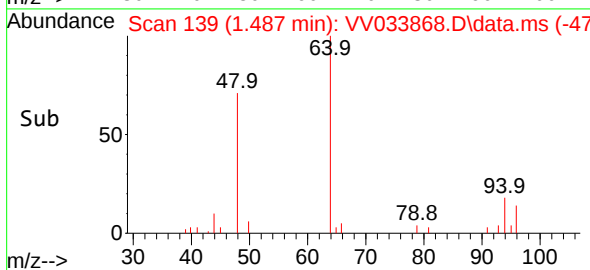
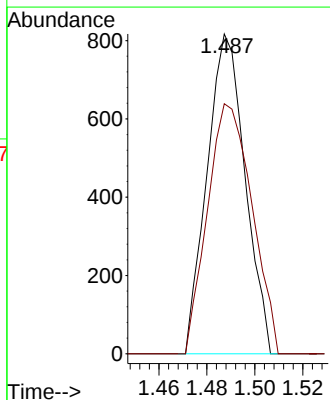
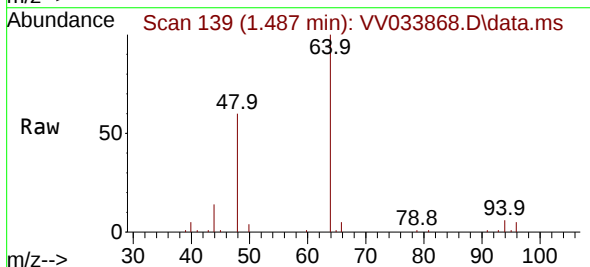
Manual Integrations
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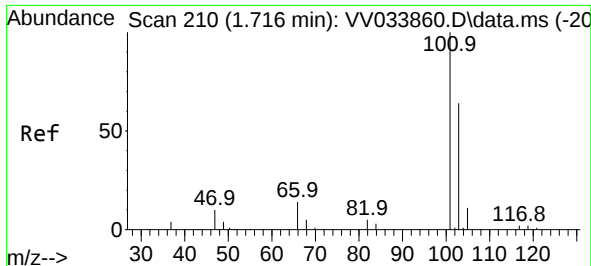
Reviewed By :Mahesh Dadoda 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024



#6
 Bromomethane
 Concen: 0.181 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV033868.D
 Acq: 25 Jan 2024 15:15

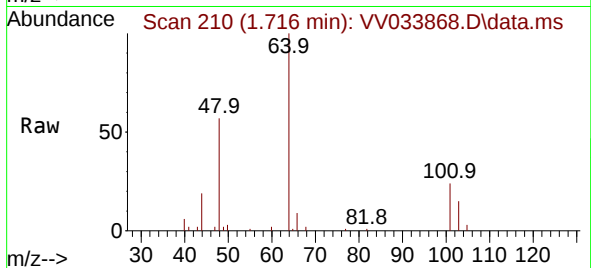
Tgt Ion: 94 Resp: 899
 Ion Ratio Lower Upper
 94 100
 96 78.2 66.6 123.8





#9
Trichlorofluoromethane
Concen: 0.190 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

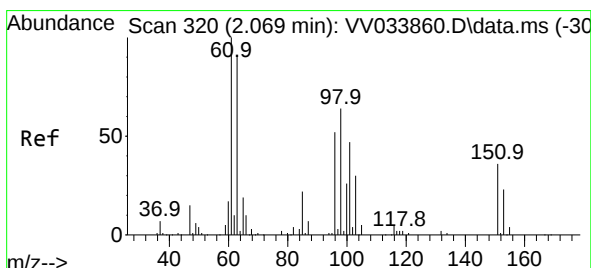
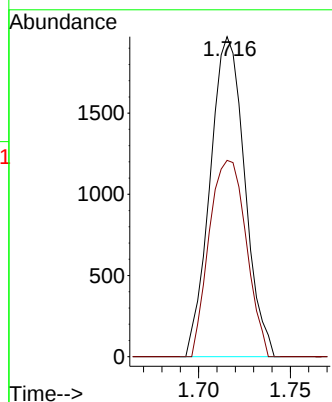
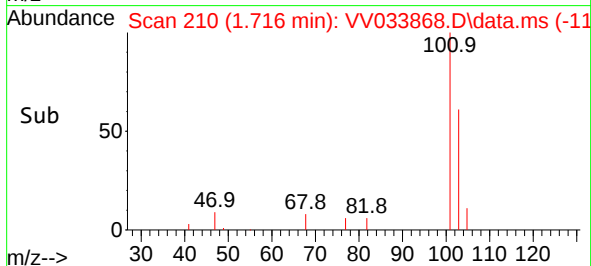
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



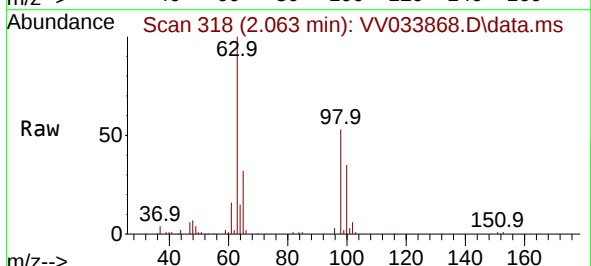
Tgt Ion:101 Resp: 2584
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

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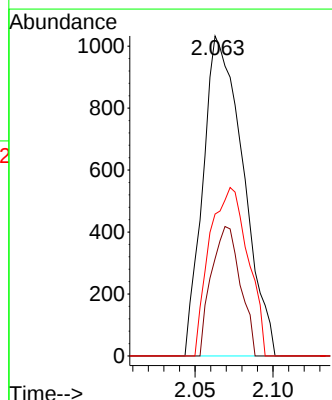
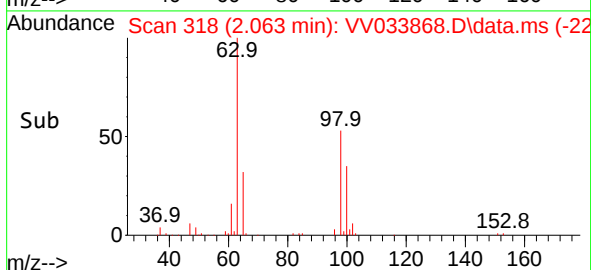
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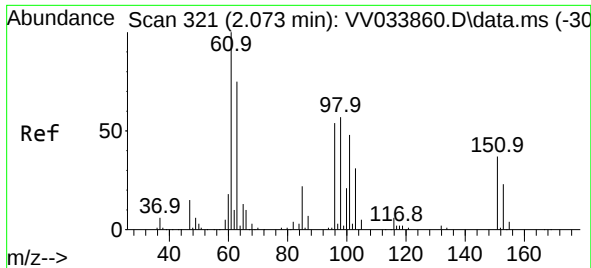


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.259 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.007 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion:101 Resp: 1844
Ion Ratio Lower Upper
101 100
85 29.2 37.1 55.7#
151 50.5 61.7 92.5#





#12

1,1-Dichloroethene

Concen: 0.272 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

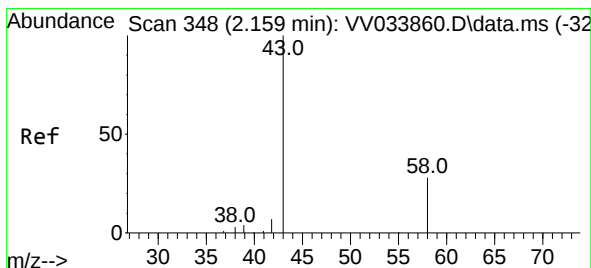
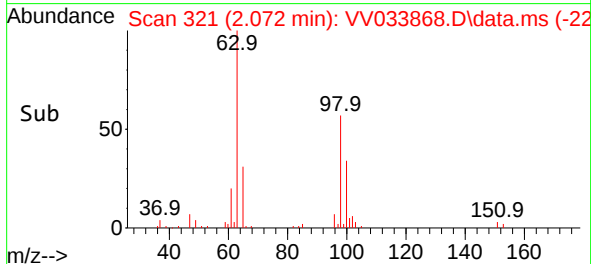
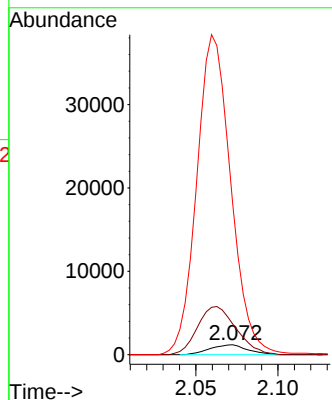
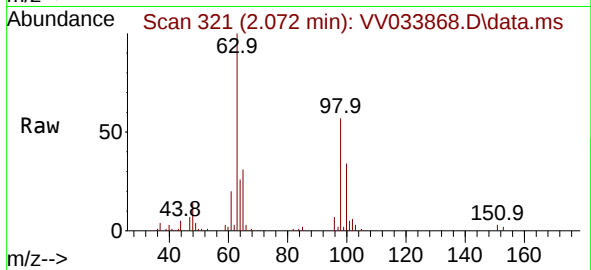
MDL-WATER-QT4-2023-08

Tgt Ion: 96 Resp: 1870
 Ion Ratio Lower Upper
 96 100
 61 307.9 128.8 239.2
 63 1515.1 97.9 181.9

Manual Integrations

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#13

Acetone

Concen: 2.891 ug/L

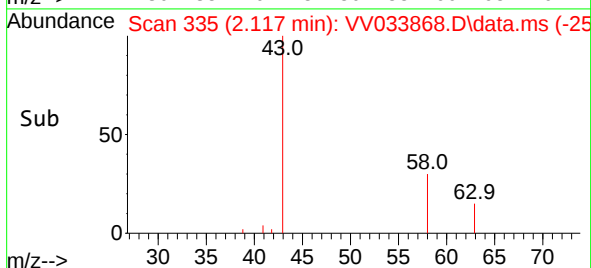
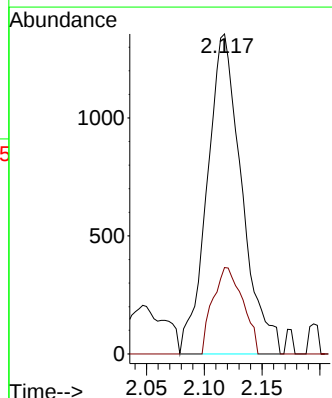
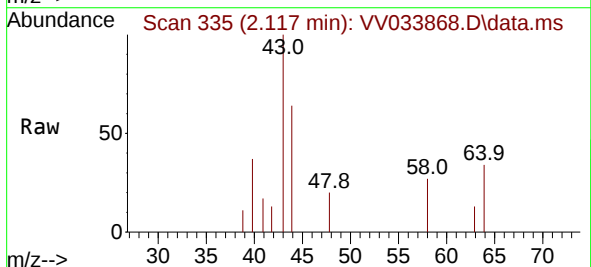
RT: 2.117 min Scan# 335

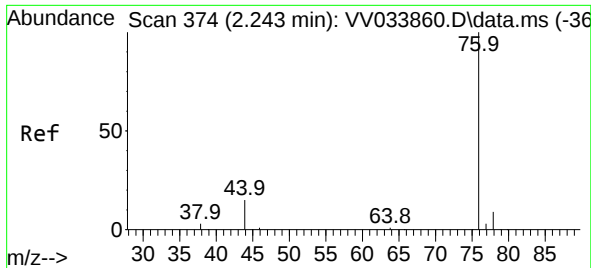
Delta R.T. -0.042 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

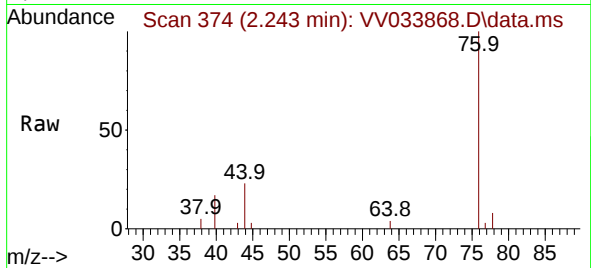
Tgt Ion: 43 Resp: 2820
 Ion Ratio Lower Upper
 43 100
 58 23.3 0.0 13.8#





#14
Carbon disulfide
Concen: 0.261 ug/L
RT: 2.243 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

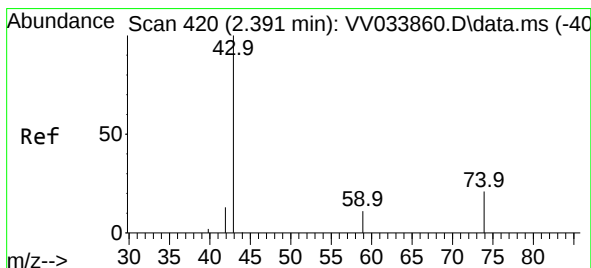
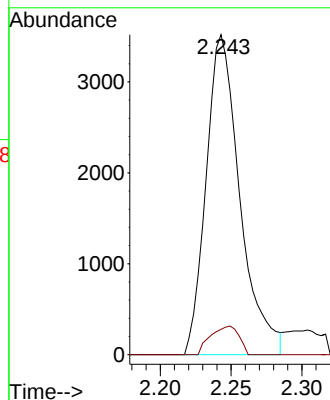
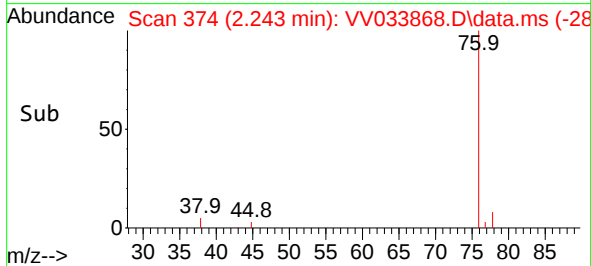
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion: 76 Resp: 5839
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

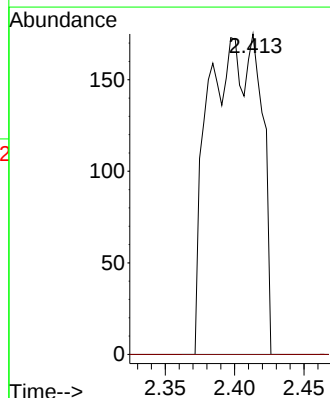
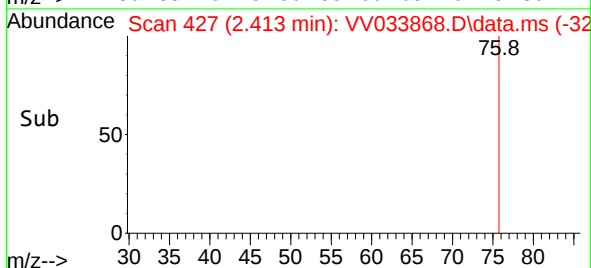
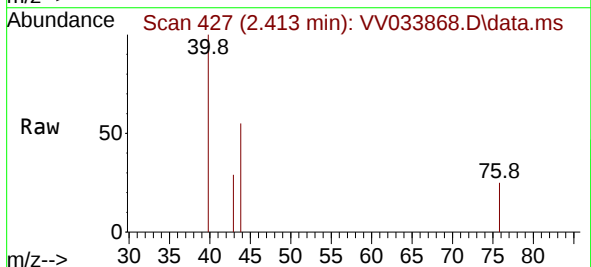
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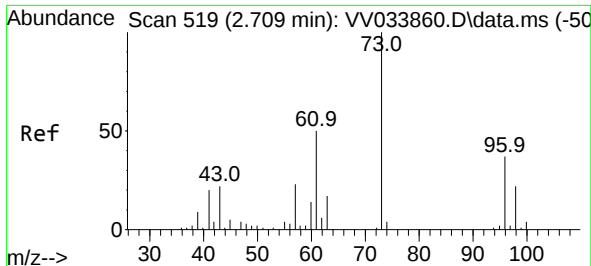
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#15
Methyl Acetate
Concen: 0.197 ug/L m
RT: 2.413 min Scan# 427
Delta R.T. 0.022 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

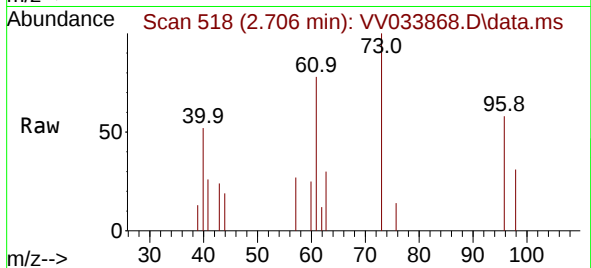
Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#





#17
Methyl tert-butyl Ether
Concen: 0.183 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

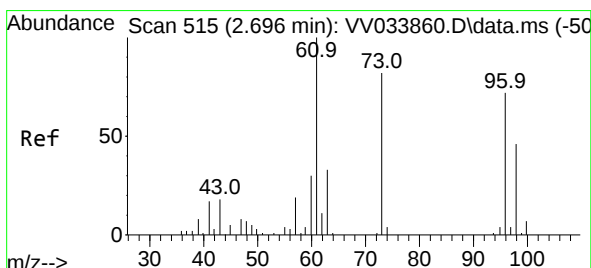
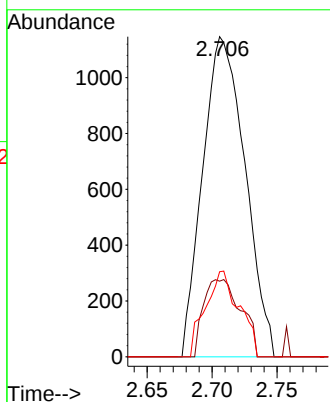
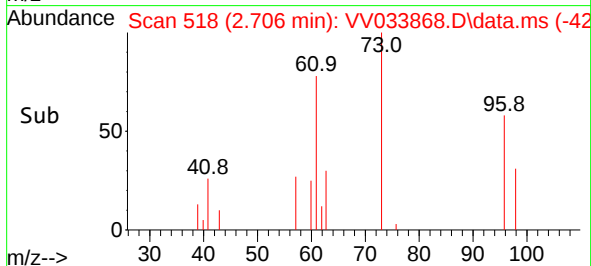
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



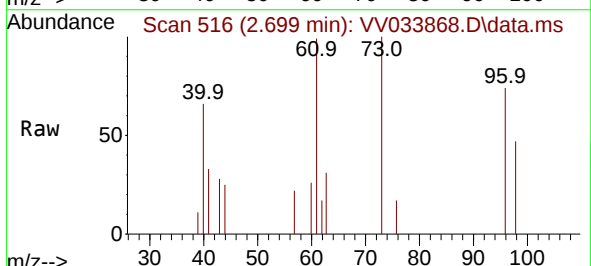
Tgt Ion: 73 Resp: 259
Ion Ratio Lower Upper
73 100
43 21.3 17.7 26.5
57 21.3 17.9 26.9

Manual Integrations
APPROVED

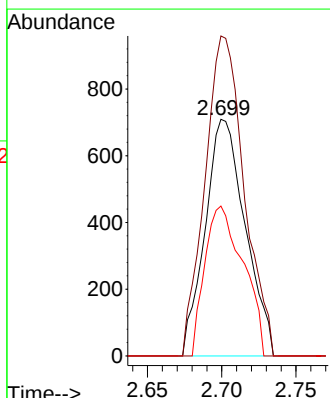
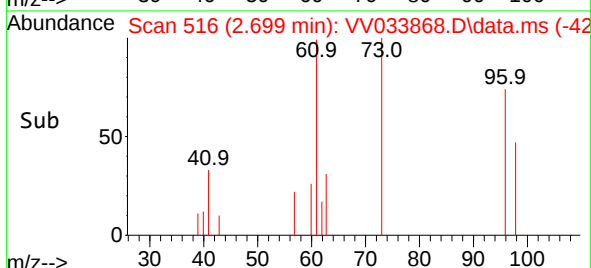
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

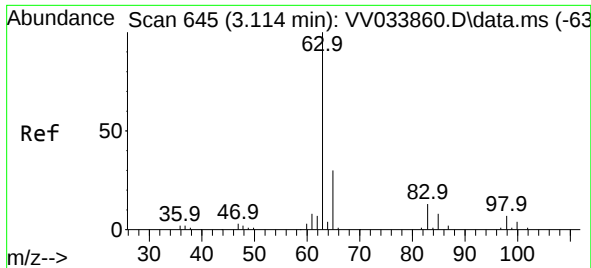


#18
trans-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion: 96 Resp: 1332
Ion Ratio Lower Upper
96 100
61 135.3 97.6 181.4
98 63.3 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.182 ug/L

RT: 3.121 min Scan# 645

Delta R.T. 0.006 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

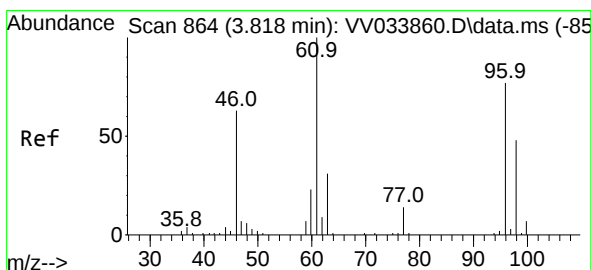
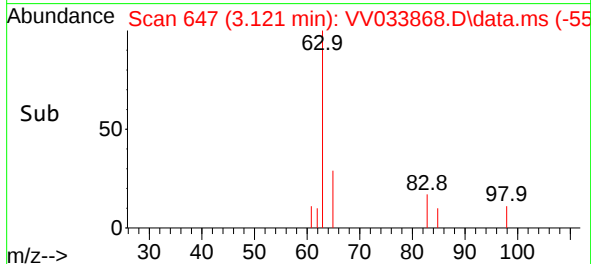
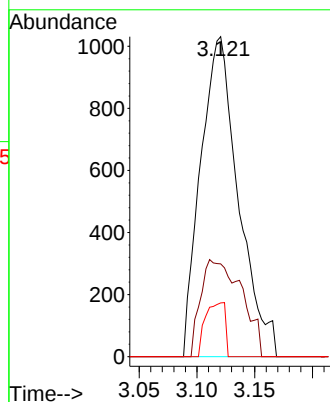
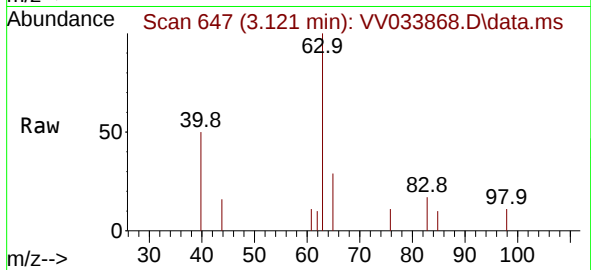
MDL-WATER-QT4-2023-08

Tgt Ion:	63	Resp:	2340
Ion	Ratio	Lower	Upper
63	100		
65	29.0	20.8	38.6
83	16.8	9.4	17.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#22

cis-1,2-Dichloroethene

Concen: 0.248 ug/L

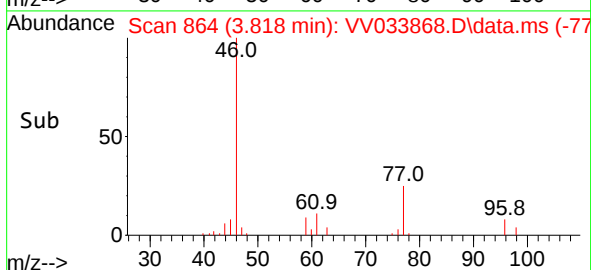
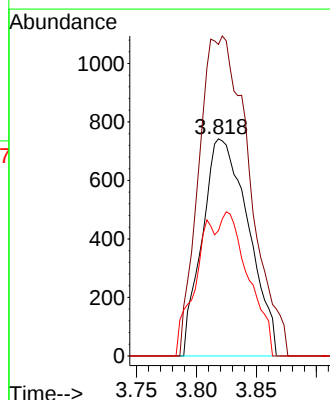
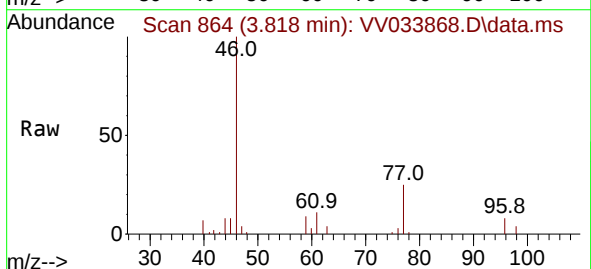
RT: 3.818 min Scan# 864

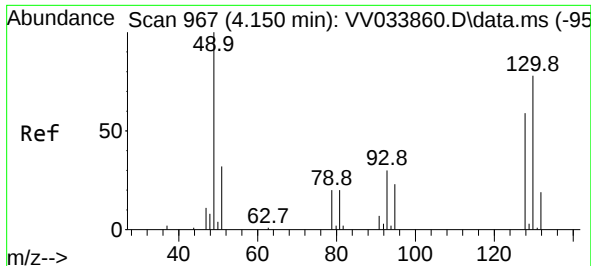
Delta R.T. -0.000 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

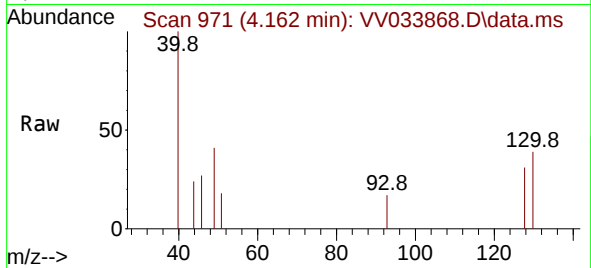
Tgt Ion:	96	Resp:	1981
Ion	Ratio	Lower	Upper
96	100		
61	143.5	90.3	167.7
98	57.7	43.2	80.2





#23
Bromochloromethane
Concen: 0.146 ug/L
RT: 4.162 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

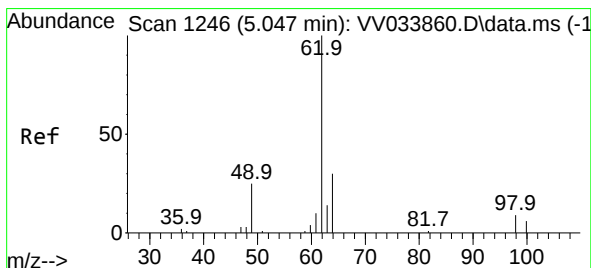
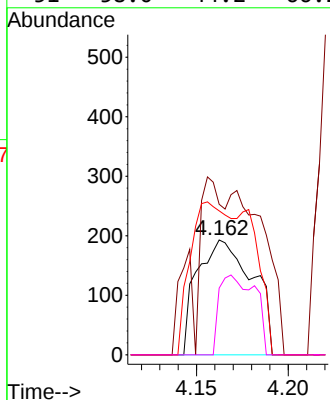
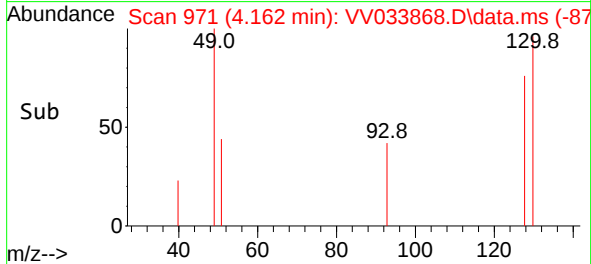
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



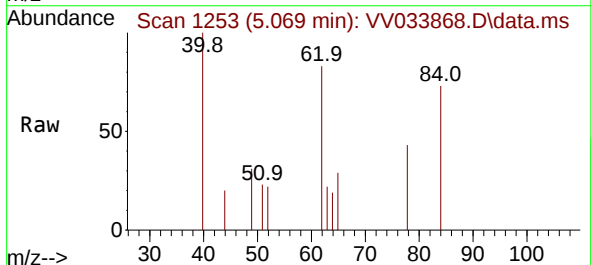
Tgt Ion: 128 Resp: 400
Ion Ratio Lower Upper
128 100
49 131.1 120.5 223.7
130 125.4 93.4 173.4
51 58.0 44.2 66.2

Manual Integrations
APPROVED

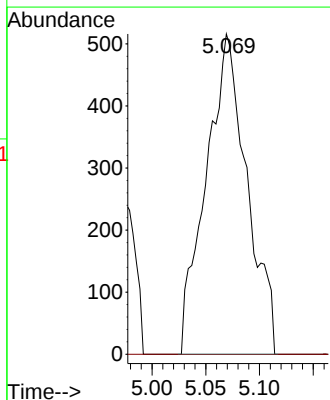
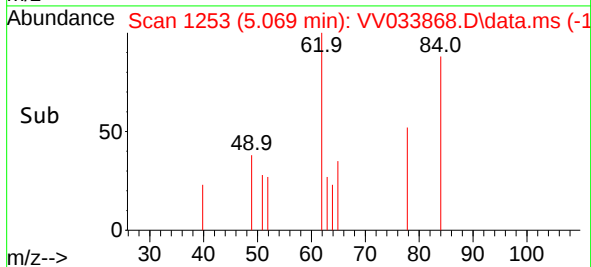
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

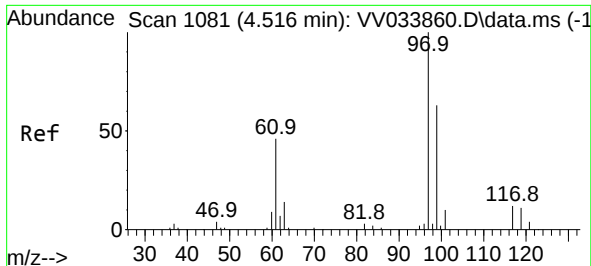


#27
1,2-Dichloroethane
Concen: 0.183 ug/L
RT: 5.069 min Scan# 1253
Delta R.T. 0.022 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion: 62 Resp: 1366
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#





#29

1,1,1-Trichloroethane

Concen: 0.171 ug/L

RT: 4.516 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VV033868.D

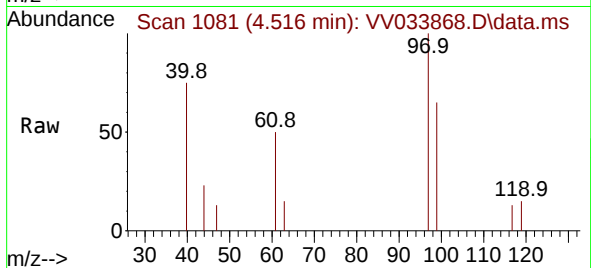
Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

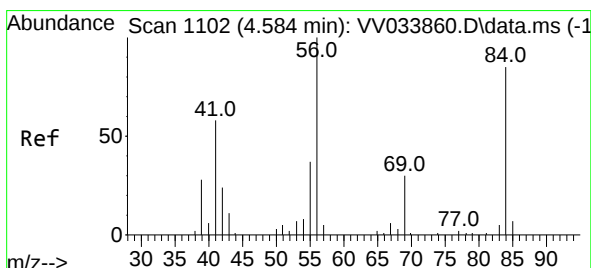
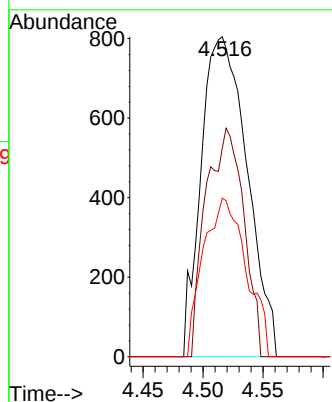
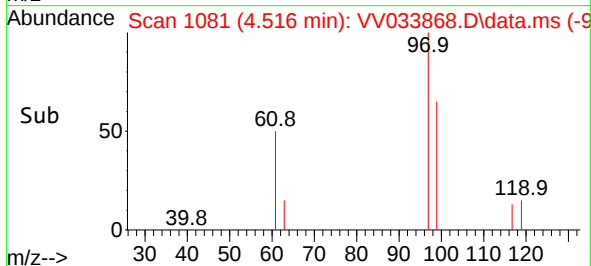


Tgt Ion:	97	Resp:	214
Ion	Ratio	Lower	Upper
97	100		
99	58.9	50.6	75.8
61	46.2	36.8	55.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#30

Cyclohexane

Concen: 0.181 ug/L m

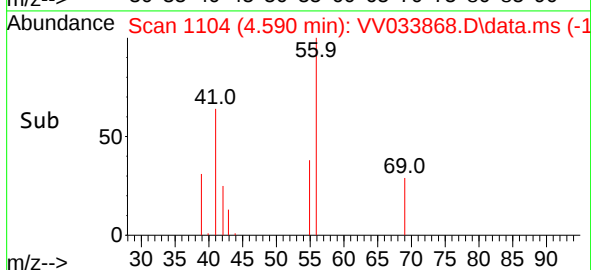
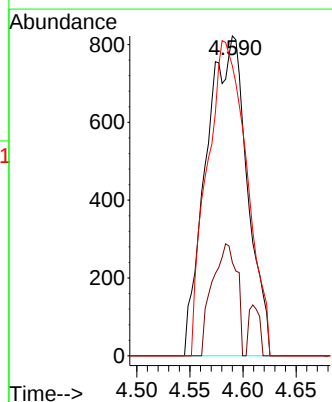
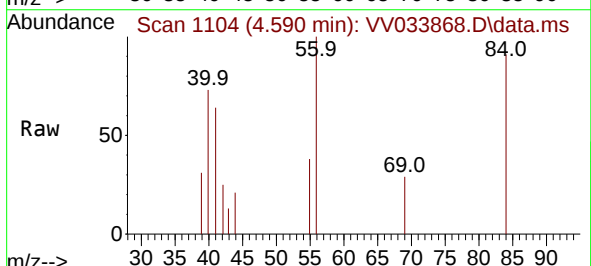
RT: 4.590 min Scan# 1104

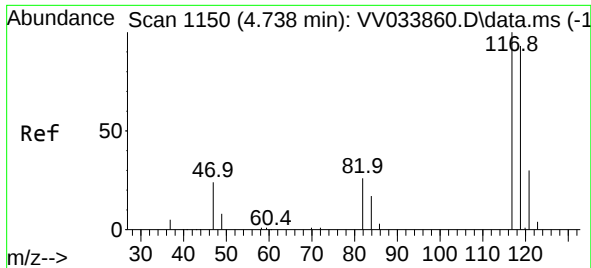
Delta R.T. 0.006 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

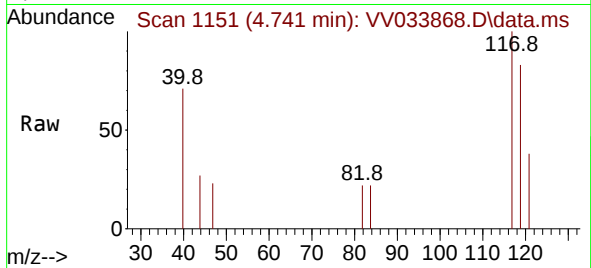
Tgt Ion:	56	Resp:	2204
Ion	Ratio	Lower	Upper
56	100		
69	21.1	24.2	36.2#
84	95.1	70.0	105.0





#31
Carbon tetrachloride
Concen: 0.168 ug/L
RT: 4.741 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

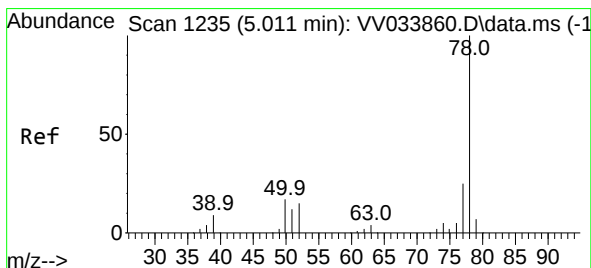
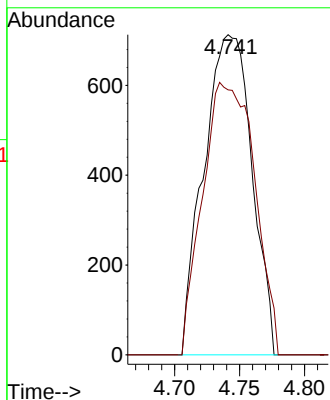
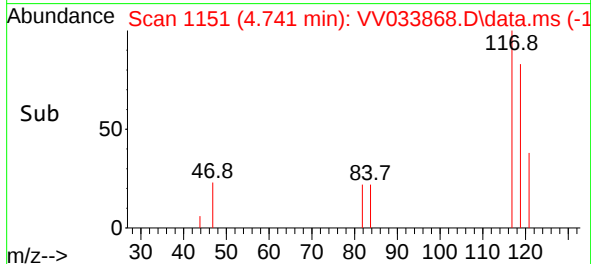
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08



Tgt Ion:117 Resp: 1839
Ion Ratio Lower Upper
117 100
119 91.8 76.1 114.1

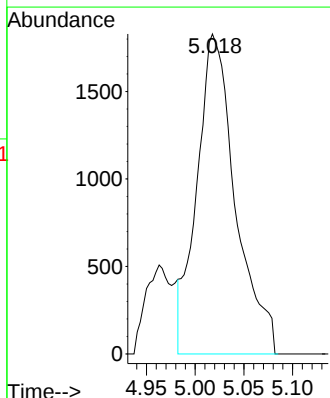
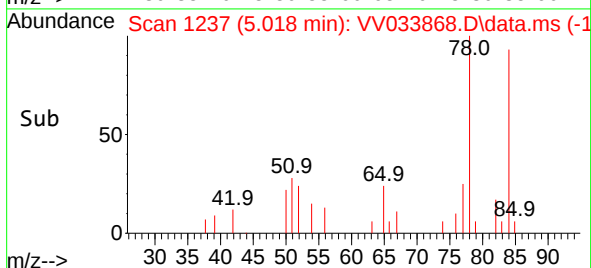
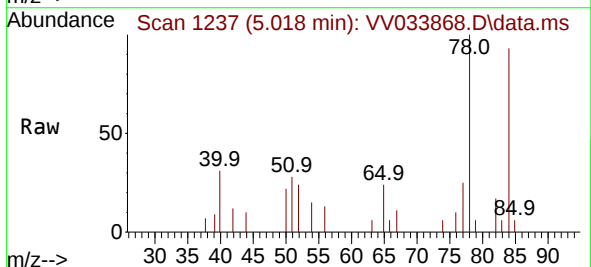
Manual Integrations
APPROVED

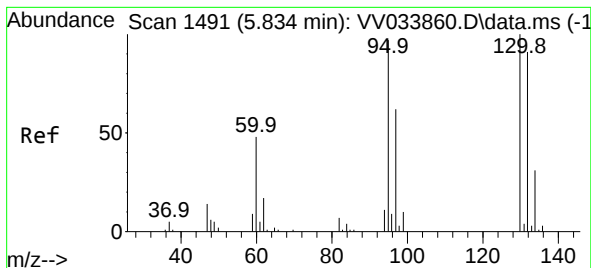
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#33
Benzene
Concen: 0.180 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

Tgt Ion: 78 Resp: 5032





#34

Trichloroethene

Concen: 0.190 ug/L

RT: 5.844 min Scan# 1491

Delta R.T. 0.009 min

Lab File: VV033868.D

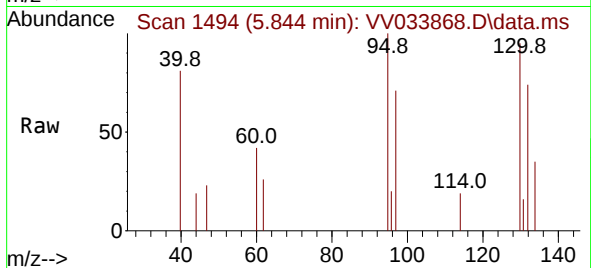
Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08



Tgt Ion: 95 Resp: 1539

Ion Ratio Lower Upper

95 100

97 59.2 45.1 83.7

132 61.3 66.0 122.6

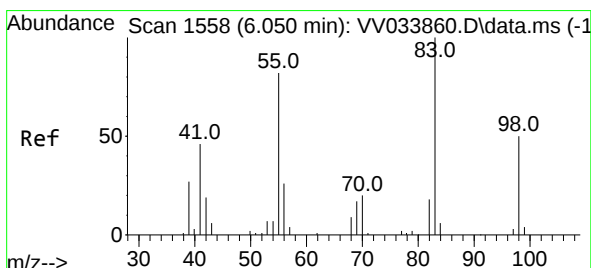
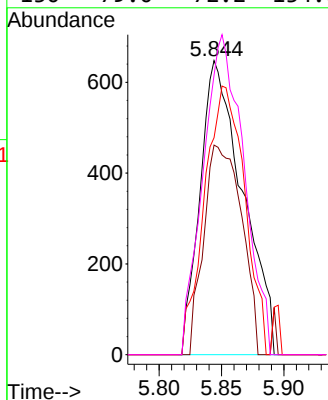
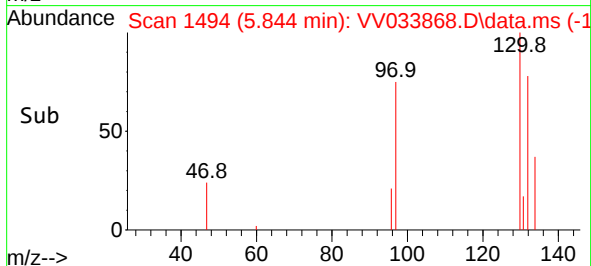
130 79.0 72.2 134.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#35

Methylcyclohexane

Concen: 0.178 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

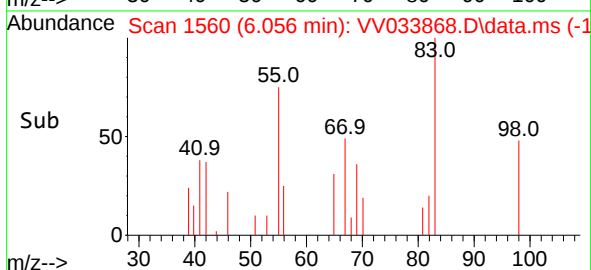
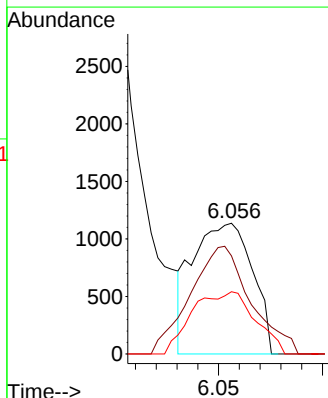
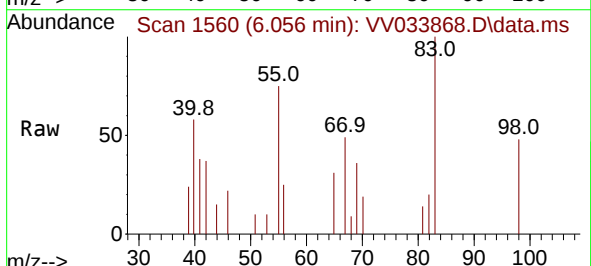
Tgt Ion: 83 Resp: 2262

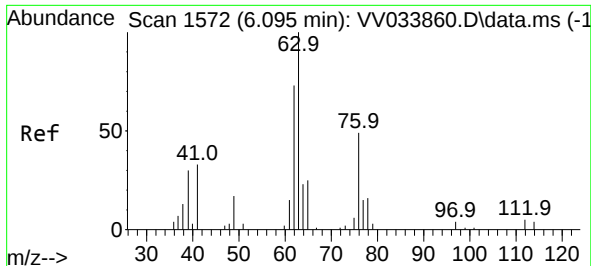
Ion Ratio Lower Upper

83 100

55 83.7 63.5 95.3

98 50.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 0.178 ug/L

RT: 6.111 min Scan# 1572

Delta R.T. 0.016 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion: 63 Resp: 1200

Ion Ratio Lower Upper

63 100

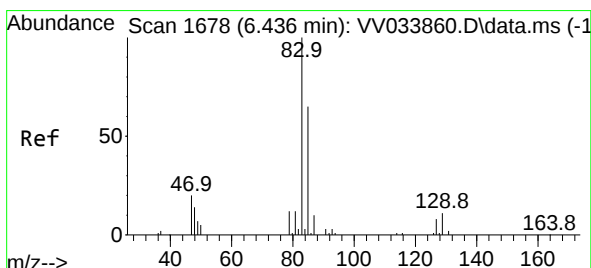
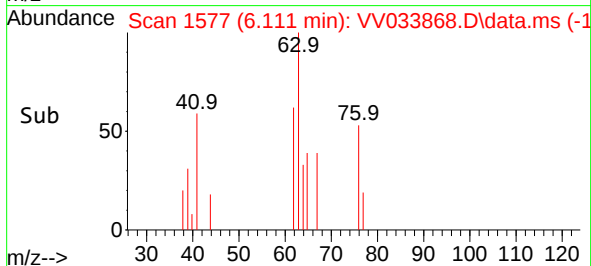
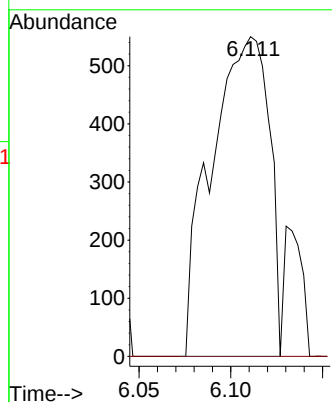
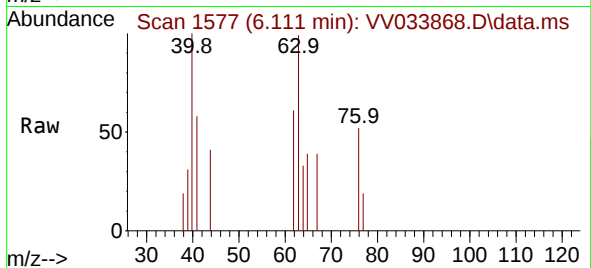
112 0.0 3.4 5.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#38

Bromodichloromethane

Concen: 0.166 ug/L

RT: 6.452 min Scan# 1683

Delta R.T. 0.016 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

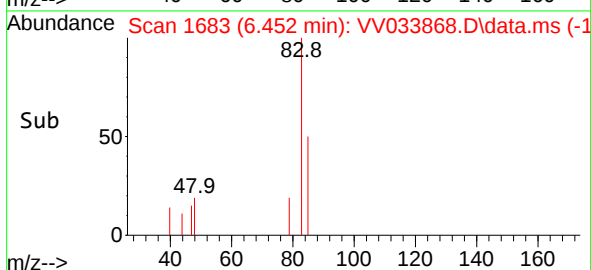
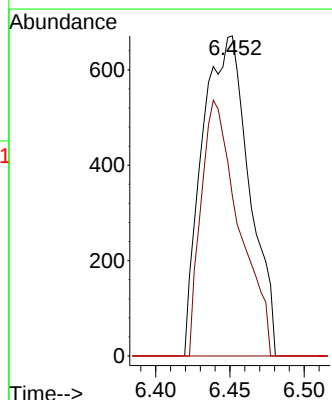
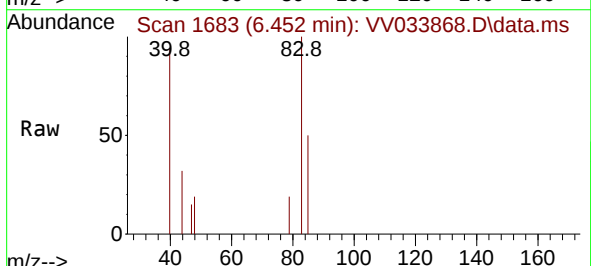
Tgt Ion: 83 Resp: 1480

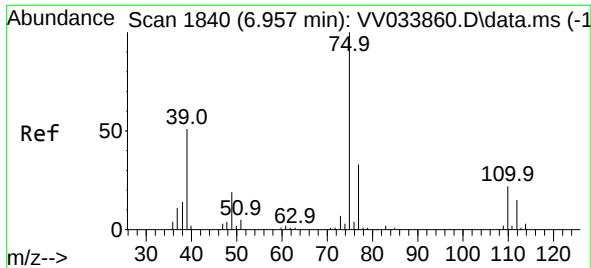
Ion Ratio Lower Upper

83 100

85 50.1 45.4 84.2

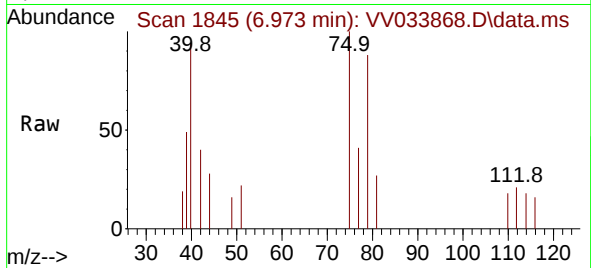
127 0.0 6.5 9.7





#39
cis-1,3-Dichloropropene
Concen: 0.167 ug/L
RT: 6.973 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

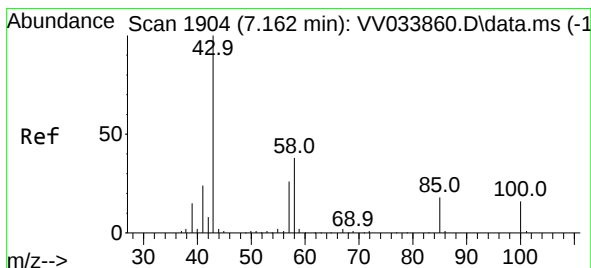
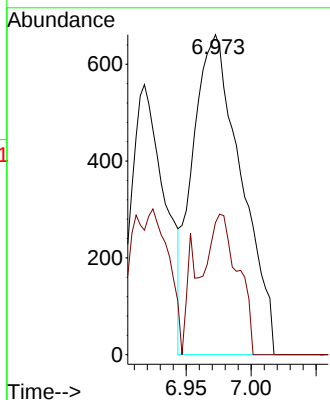
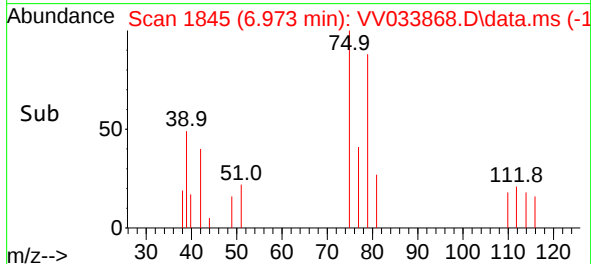
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



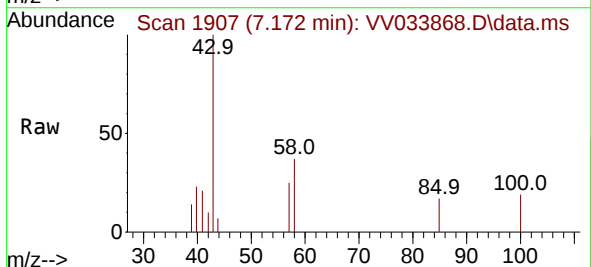
Tgt Ion: 75 Resp: 1720
Ion Ratio Lower Upper
75 100
77 41.3 22.9 42.5

Manual Integrations
APPROVED

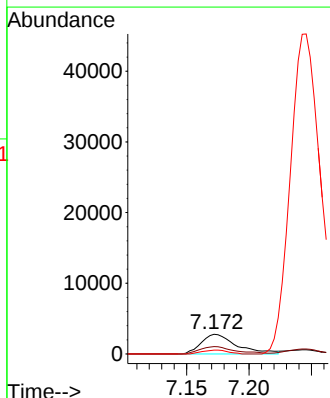
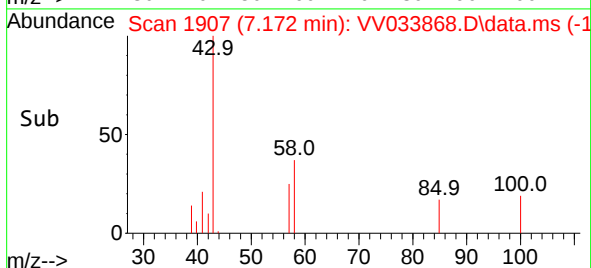
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

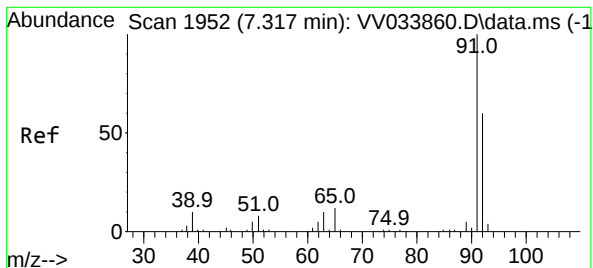


#40
4-Methyl-2-pentanone
Concen: 1.708 ug/L
RT: 7.172 min Scan# 1907
Delta R.T. 0.009 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion: 43 Resp: 5548
Ion Ratio Lower Upper
43 100
58 36.1 30.2 45.2
100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.202 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion: 91 Resp: 604

Ion Ratio Lower Upper

91 100

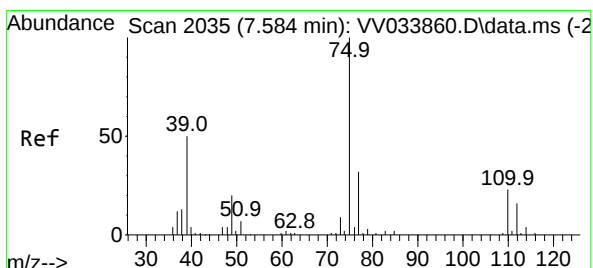
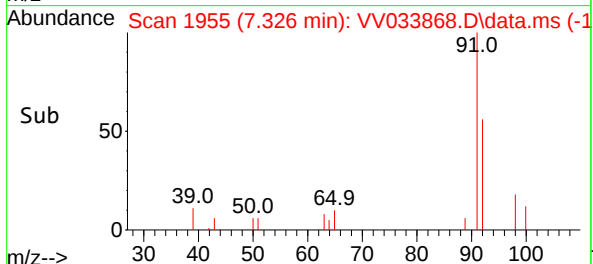
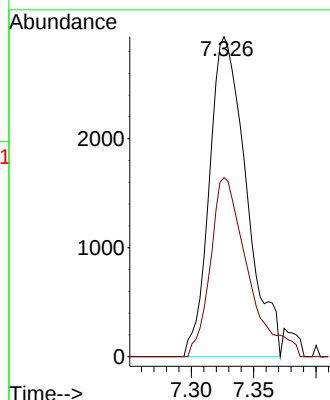
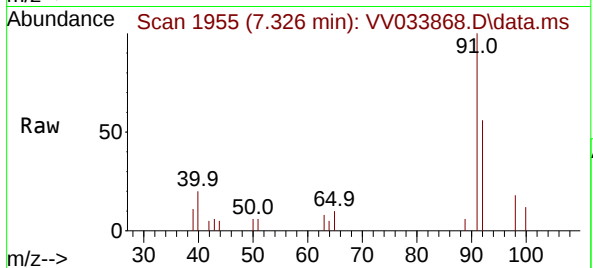
92 56.0 42.1 78.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#44

trans-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.606 min Scan# 2042

Delta R.T. 0.022 min

Lab File: VV033868.D

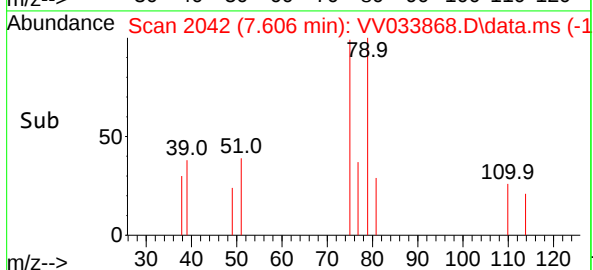
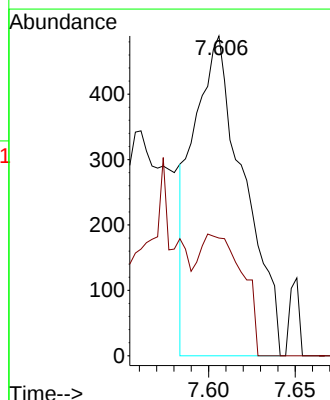
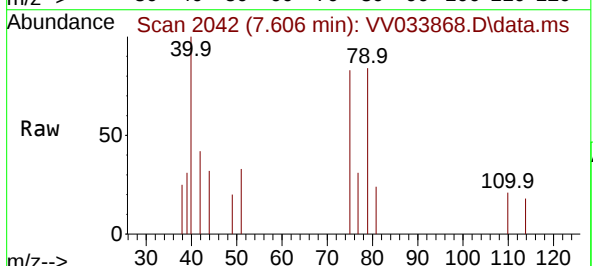
Acq: 25 Jan 2024 15:15

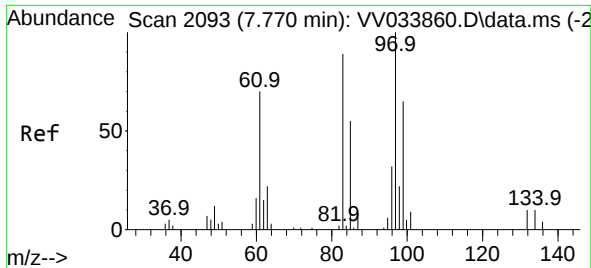
Tgt Ion: 75 Resp: 992

Ion Ratio Lower Upper

75 100

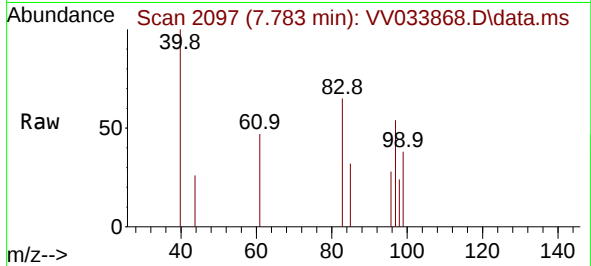
77 36.8 22.2 41.2





#45
1,1,2-Trichloroethane
Concen: 0.136 ug/L
RT: 7.783 min Scan# 2093
Delta R.T. 0.013 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08

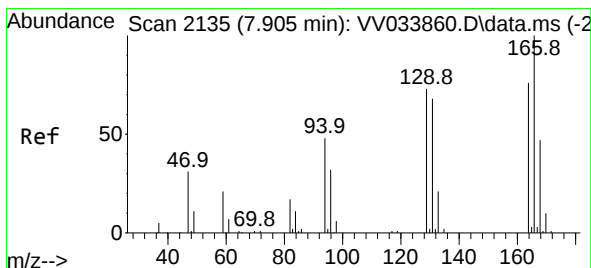
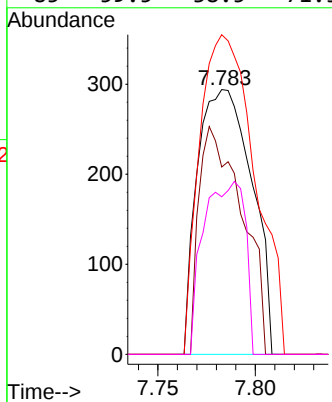
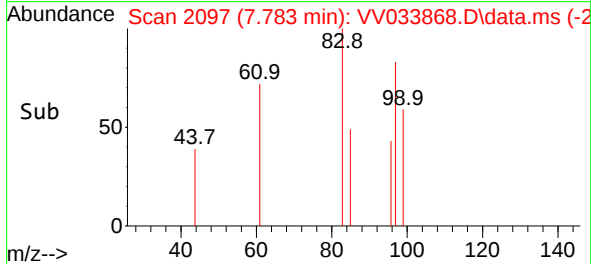


Tgt Ion: 97 Resp: 570

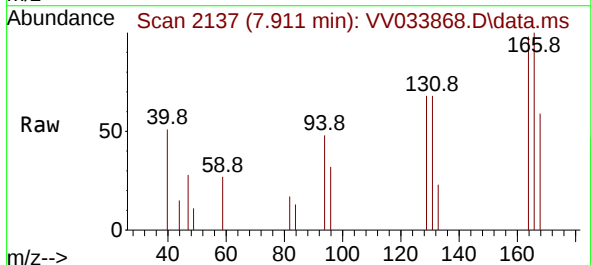
Ion	Ratio	Lower	Upper
97	100		
99	70.7	45.6	84.6
83	120.7	62.3	115.7
85	59.5	38.5	71.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

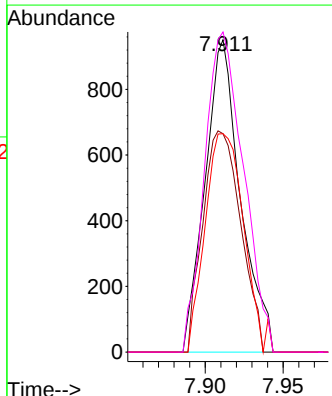
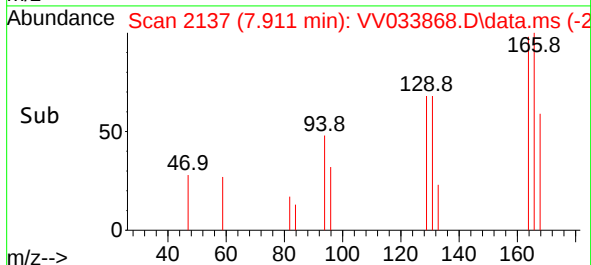


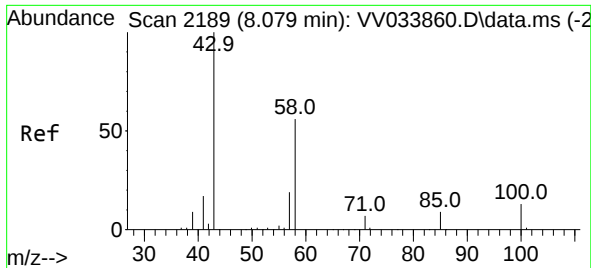
#47
Tetrachloroethene
Concen: 0.228 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion:164 Resp: 1503

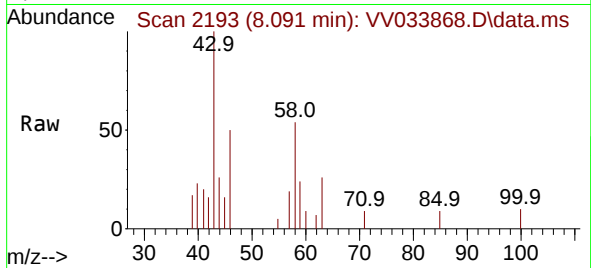
Ion	Ratio	Lower	Upper
164	100		
129	69.9	67.8	125.8
131	69.9	63.0	117.0
166	102.5	92.6	172.0





#48
2-Hexanone
Concen: 3.653 ug/L m
RT: 8.091 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

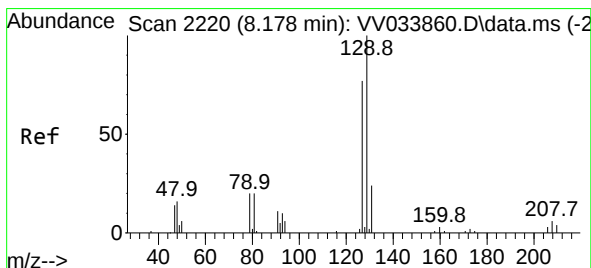
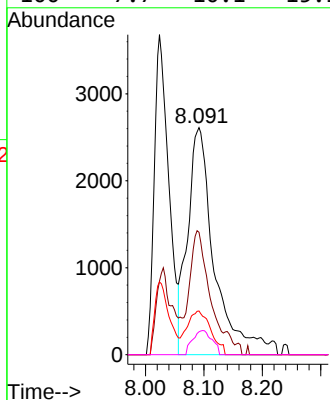
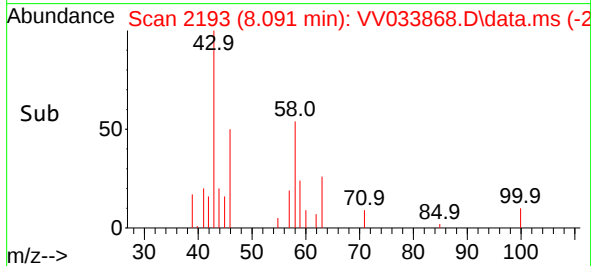
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08



Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 30.6 42.6 64.0
57 17.0 15.5 23.3
100 7.7 10.1 15.1#

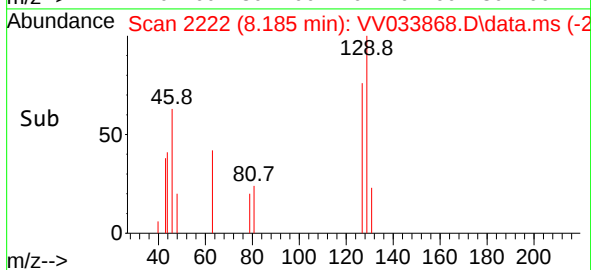
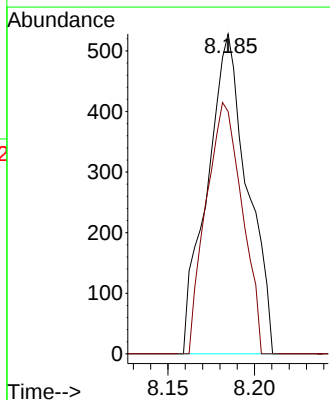
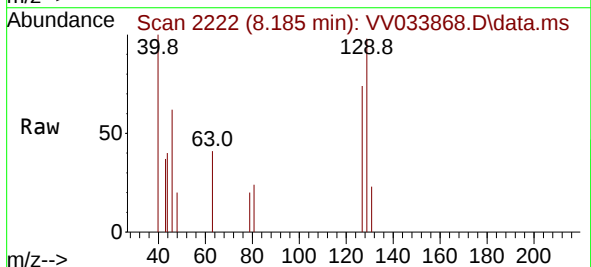
Manual Integrations
APPROVED

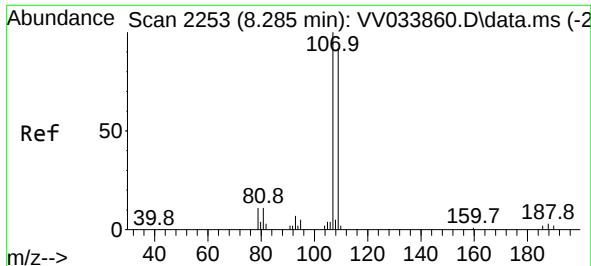
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#49
Dibromochloromethane
Concen: 0.171 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

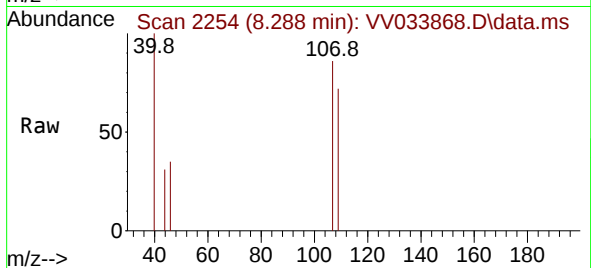
Tgt Ion:129 Resp: 853
Ion Ratio Lower Upper
129 100
127 75.8 53.5 99.5





#50
1,2-Dibromoethane
Concen: 0.193 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

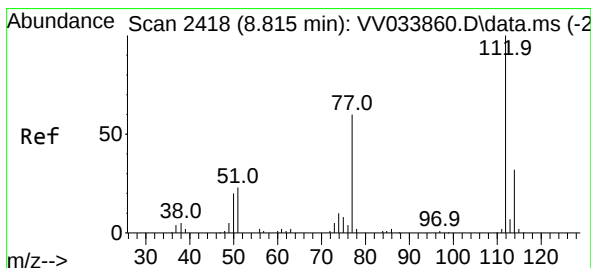
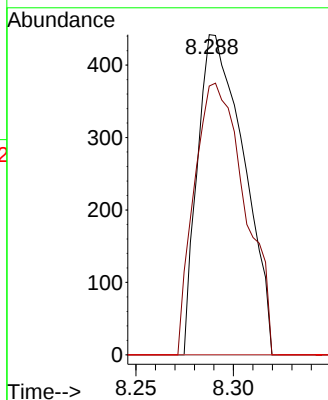
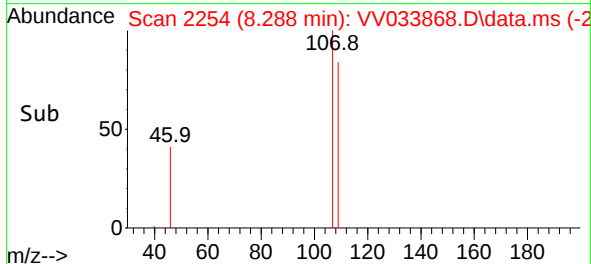
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



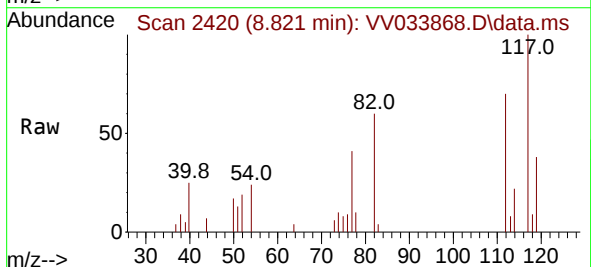
Tgt Ion:107 Resp: 72
Ion Ratio Lower Upper
107 100
109 83.9 64.5 119.9
188 0.0 2.6 4.0

Manual Integrations
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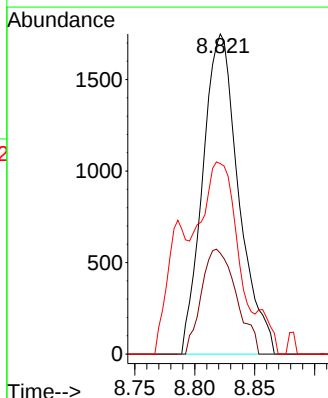
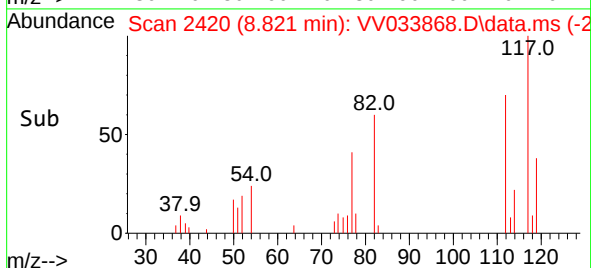
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

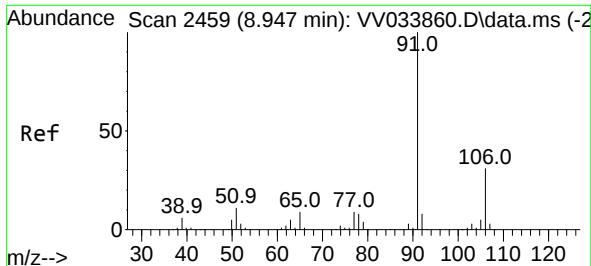


#51
Chlorobenzene
Concen: 0.193 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.006 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion:112 Resp: 3645
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.7
77 73.5 48.1 72.1#





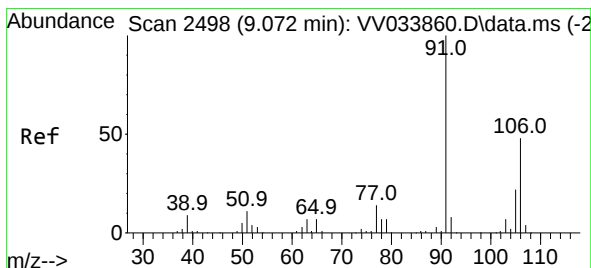
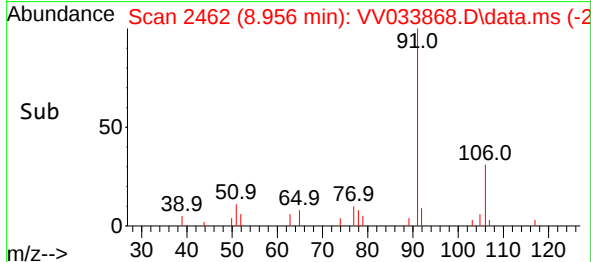
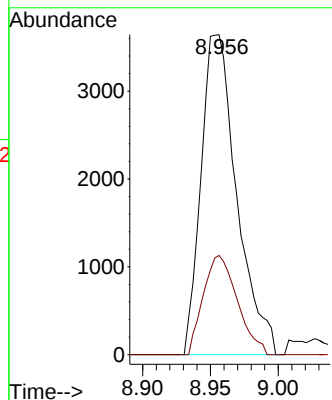
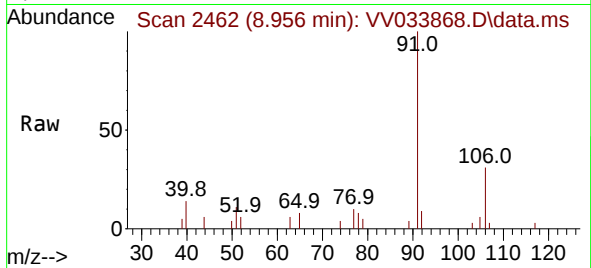
#52
Ethylbenzene
Concen: 0.194 ug/L
RT: 8.956 min Scan# 2459
Delta R.T. 0.009 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion: 91 Resp: 667
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8

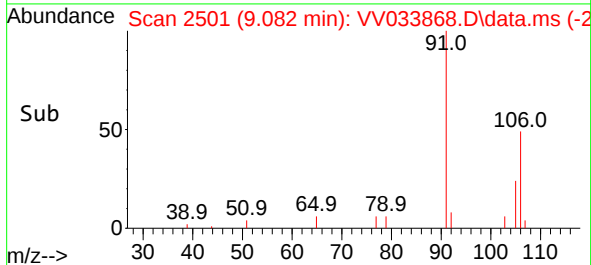
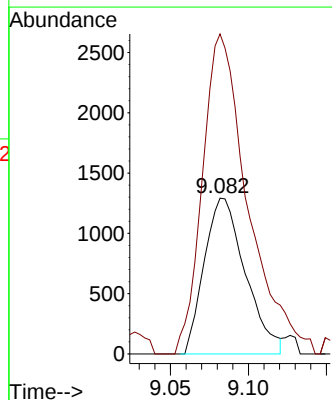
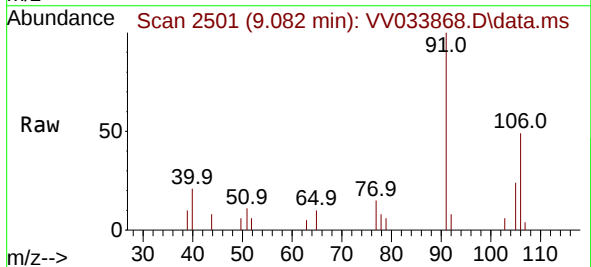
Manual Integrations
APPROVED

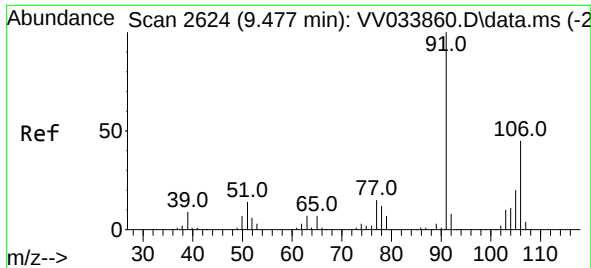
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#53
m,p-Xylene
Concen: 0.182 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

Tgt Ion:106 Resp: 2366
Ion Ratio Lower Upper
106 100
91 205.4 147.5 273.9





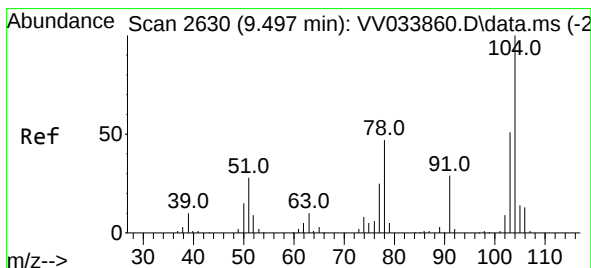
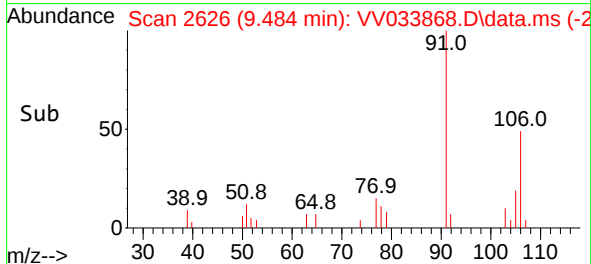
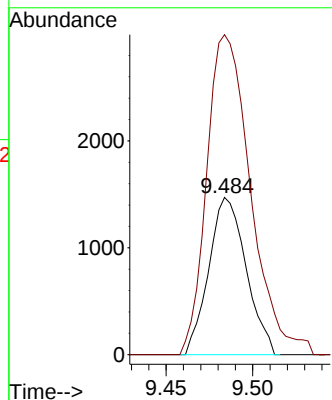
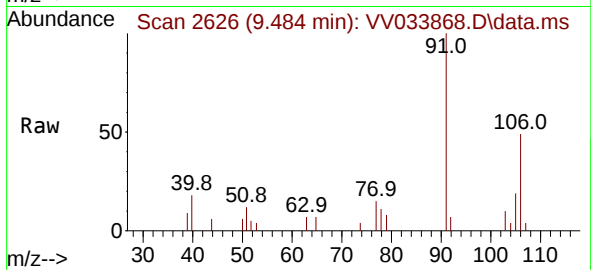
#54
o-Xylene
Concen: 0.175 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion:106 Resp: 220
Ion Ratio Lower Upper
106 100
91 203.5 156.2 290.0

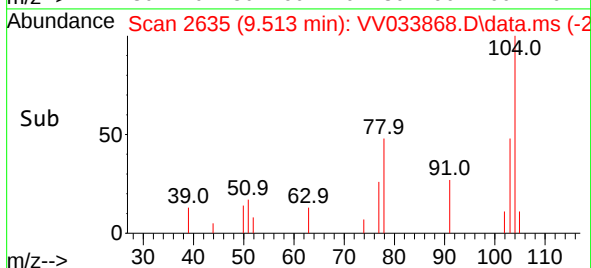
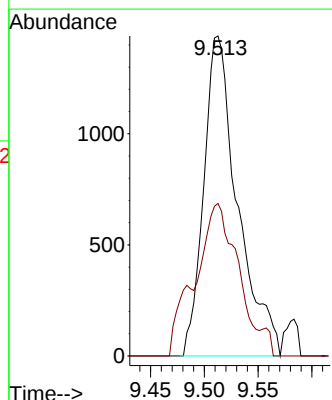
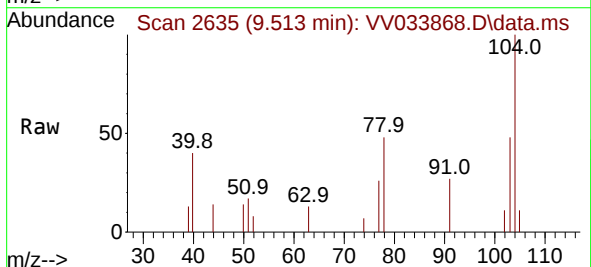
Manual Integrations
APPROVED

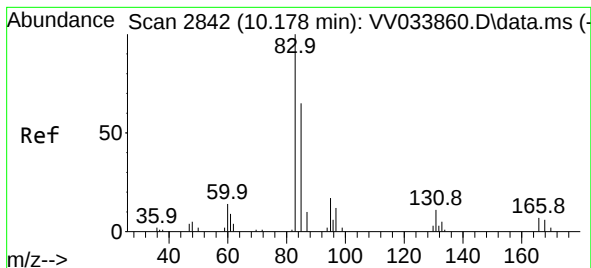
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#55
Styrene
Concen: 0.157 ug/L
RT: 9.513 min Scan# 2635
Delta R.T. 0.016 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

Tgt Ion:104 Resp: 3150
Ion Ratio Lower Upper
104 100
78 47.6 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.185 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV033868.D

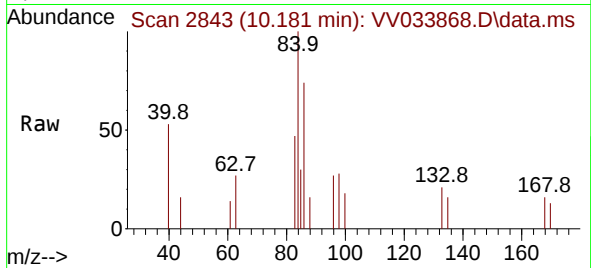
Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

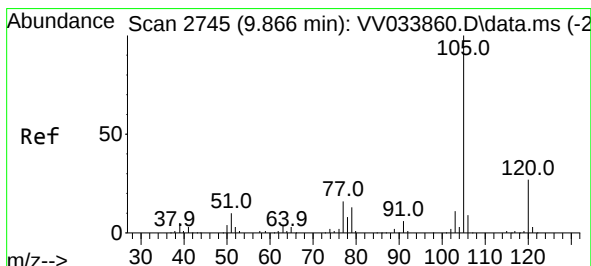
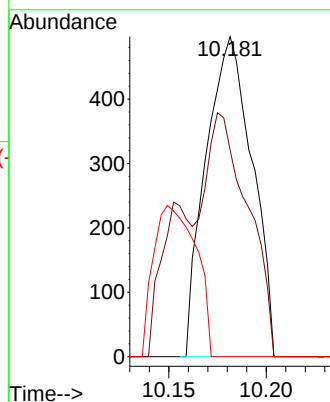
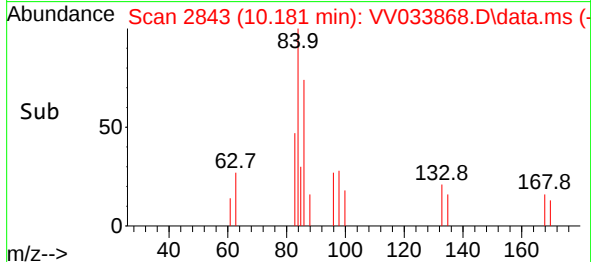


Tgt Ion:	83	Resp:	820
Ion Ratio	Lower	Upper	
83	100		
85	64.6	46.5	86.3
131	0.0	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#60

Isopropylbenzene

Concen: 0.186 ug/L

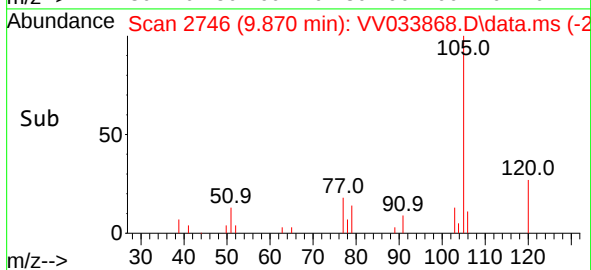
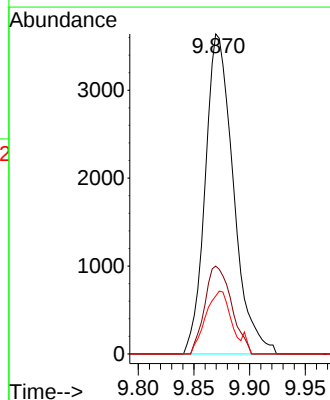
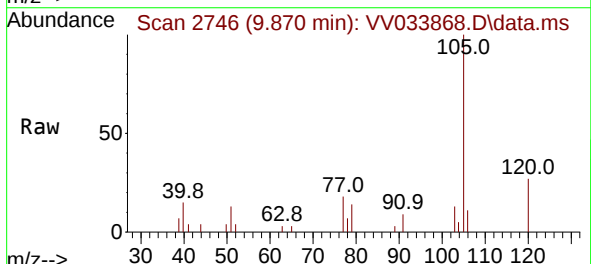
RT: 9.870 min Scan# 2746

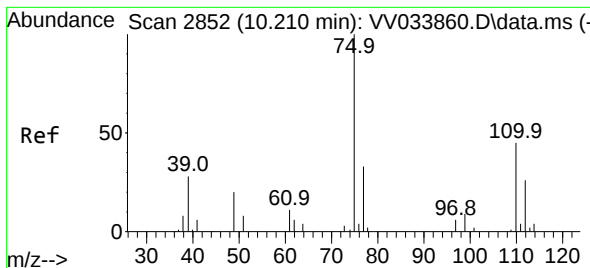
Delta R.T. 0.003 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Tgt Ion:	105	Resp:	6402
Ion Ratio	Lower	Upper	
105	100		
120	26.1	20.7	31.1
77	18.7	13.0	19.6





#61

1,2,3-Trichloropropane

Concen: 0.179 ug/L

RT: 10.217 min Scan# 2854

Delta R.T. 0.006 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

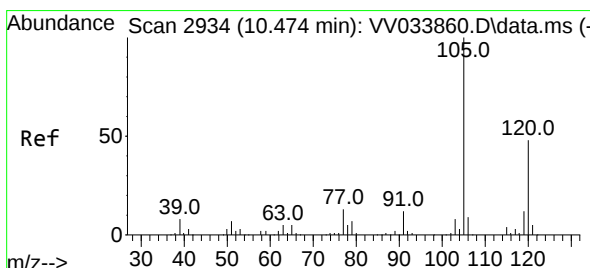
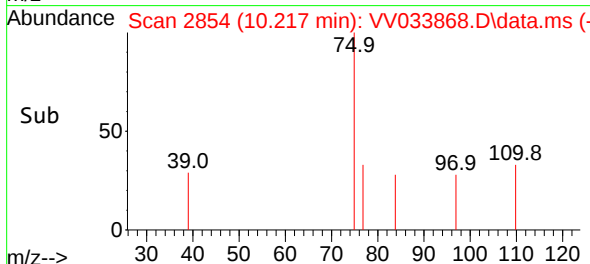
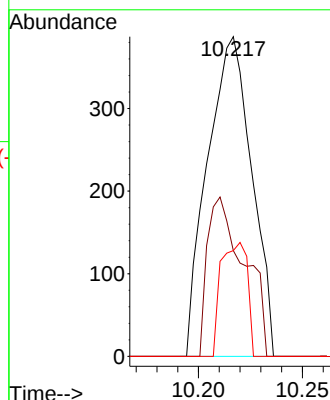
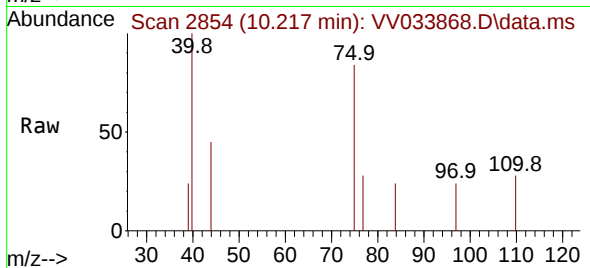
MDL-WATER-QT4-2023-08

Tgt Ion: 75	Resp: 572
Ion Ratio	Lower Upper
75 100	
77 41.6	26.9 40.3
110 21.2	33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#62

1,3,5-Trimethylbenzene

Concen: 0.182 ug/L

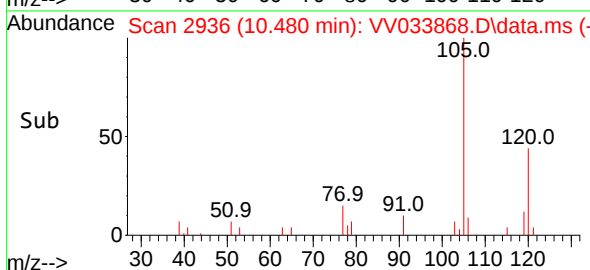
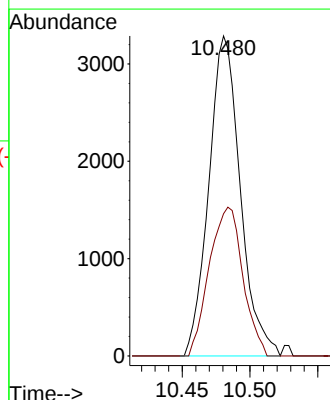
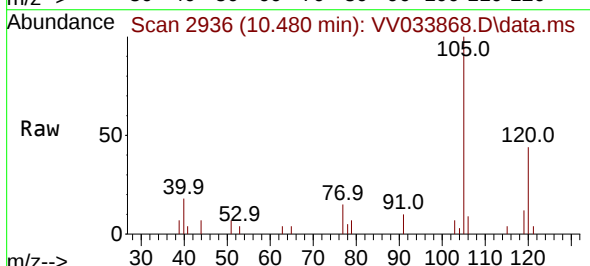
RT: 10.480 min Scan# 2936

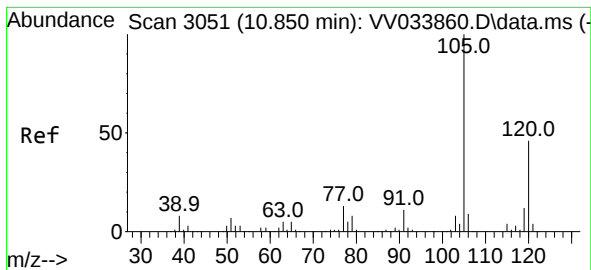
Delta R.T. 0.006 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Tgt Ion:105	Resp: 5304
Ion Ratio	Lower Upper
105 100	
120 49.6	38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.208 ug/L

RT: 10.857 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

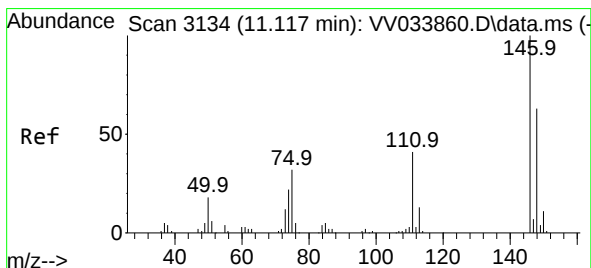
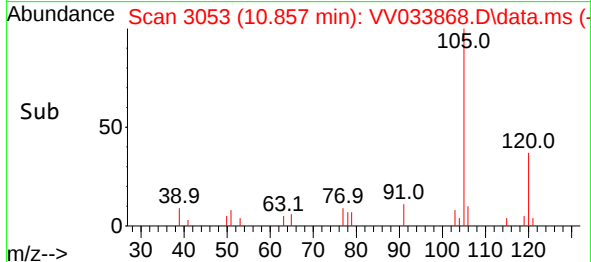
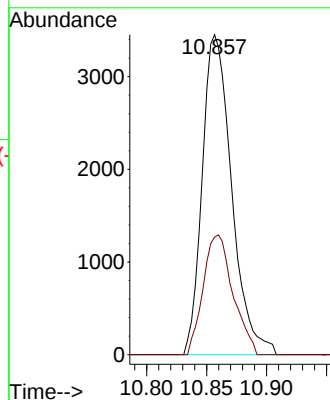
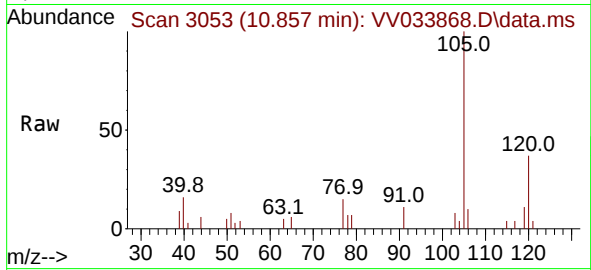
MDL-WATER-QT4-2023-08

Tgt Ion:105 Resp: 589
 Ion Ratio Lower Upper
 105 100
 120 37.8 36.2 54.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024



#64

1,3-Dichlorobenzene

Concen: 0.209 ug/L

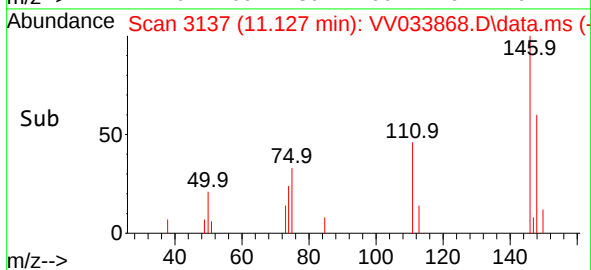
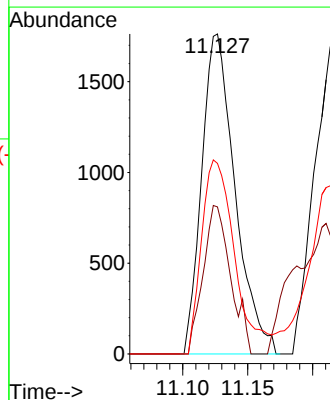
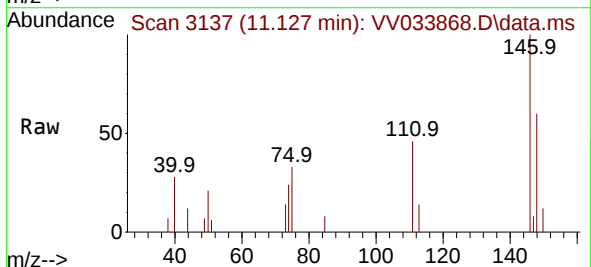
RT: 11.127 min Scan# 3137

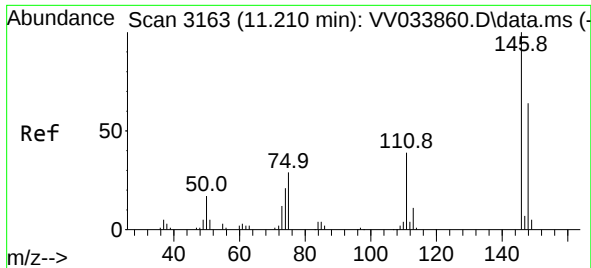
Delta R.T. 0.009 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

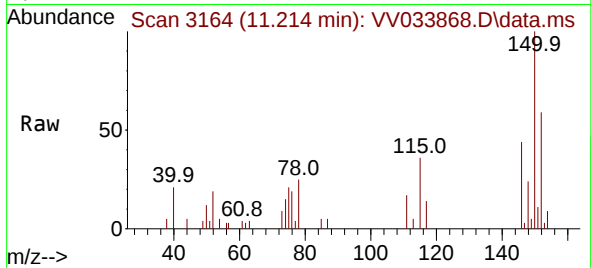
Tgt Ion:146 Resp: 3145
 Ion Ratio Lower Upper
 146 100
 111 45.9 28.5 52.9
 148 59.6 44.4 82.4





#65
1,4-Dichlorobenzene
Concen: 0.197 ug/L
RT: 11.214 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

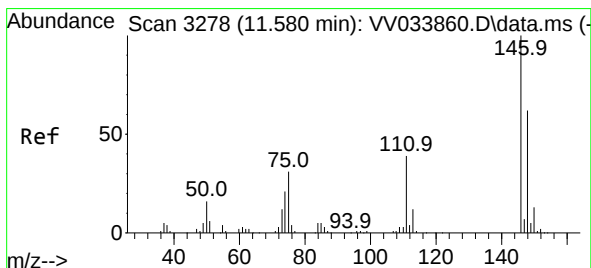
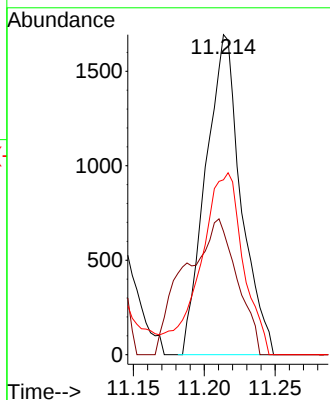
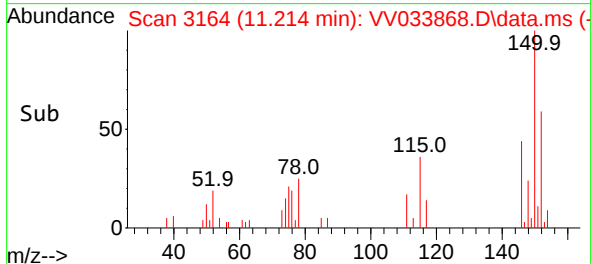
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08



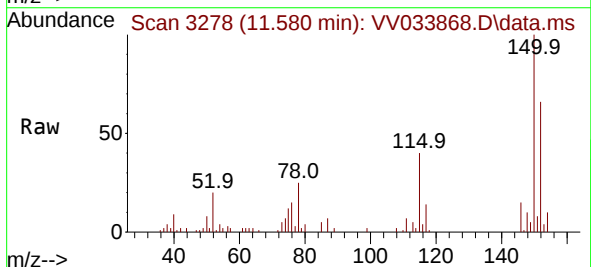
Tgt Ion:146 Resp: 2930
Ion Ratio Lower Upper
146 100
111 38.5 27.6 51.4
148 54.7 44.8 83.2

Manual Integrations
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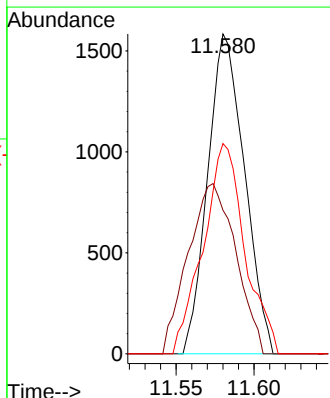
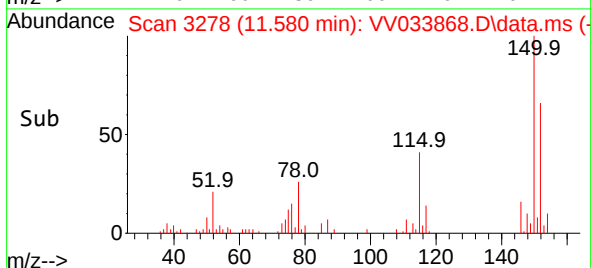
Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024

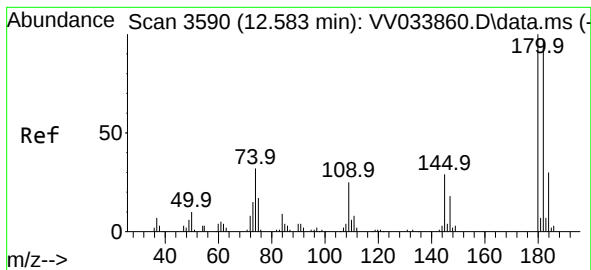


#67
1,2-Dichlorobenzene
Concen: 0.202 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion:146 Resp: 2603
Ion Ratio Lower Upper
146 100
111 44.9 31.2 46.8
148 65.7 49.8 74.8





#69

1,3,5-Trichlorobenzene

Concen: 0.191 ug/L

RT: 12.586 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion:180 Resp: 2210

Ion Ratio Lower Upper

180 100

182 93.1 77.0 115.4

184 27.7 23.8 35.6

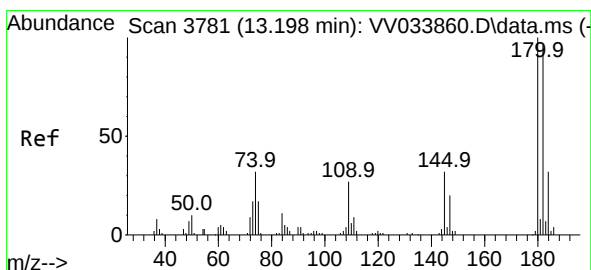
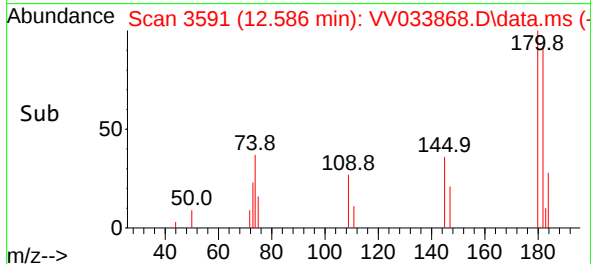
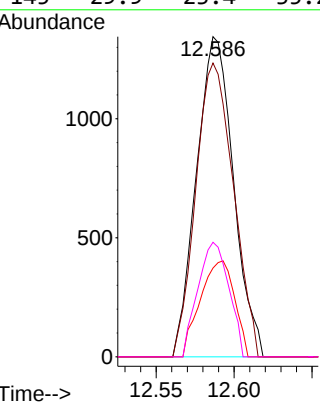
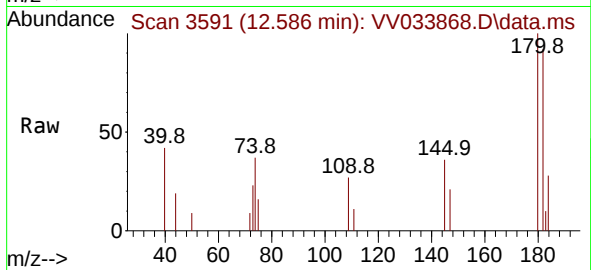
145 29.9 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024

Supervised By :Semsettin Yesilyurt 01/26/2024



#70

1,2,4-trichlorobenzene

Concen: 0.216 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.013 min

Lab File: VV033868.D

Acq: 25 Jan 2024 15:15

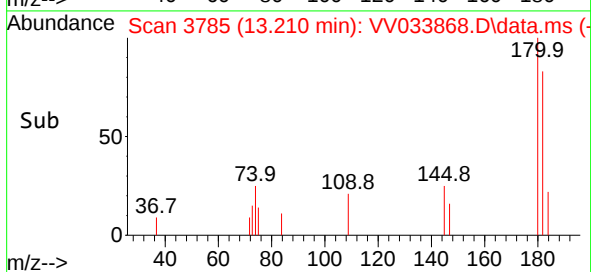
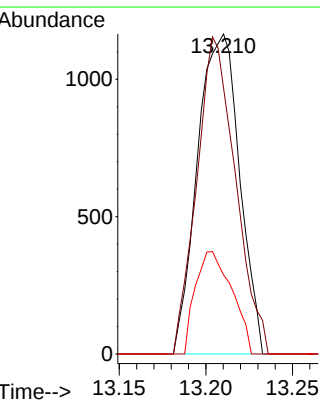
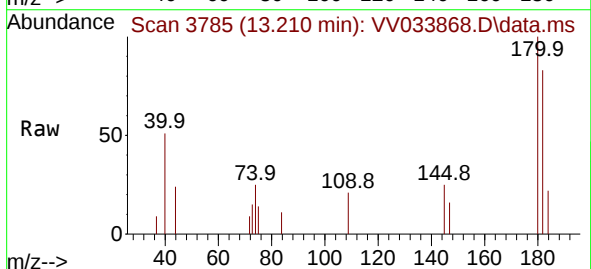
Tgt Ion:180 Resp: 1963

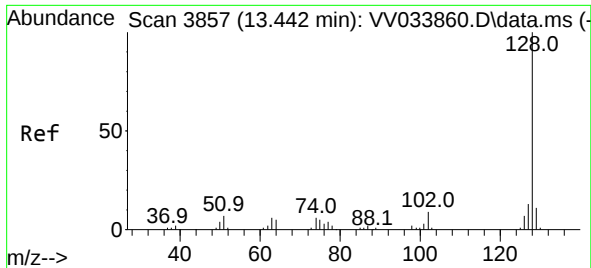
Ion Ratio Lower Upper

180 100

182 91.3 76.8 115.2

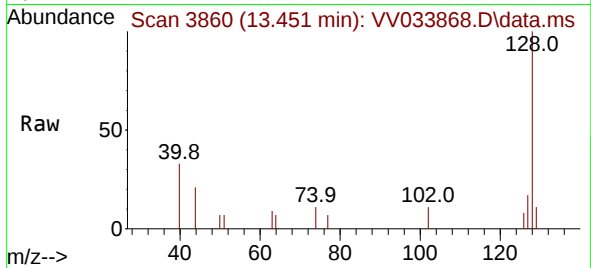
145 27.8 24.8 37.2





#71
Naphthalene
Concen: 0.261 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15

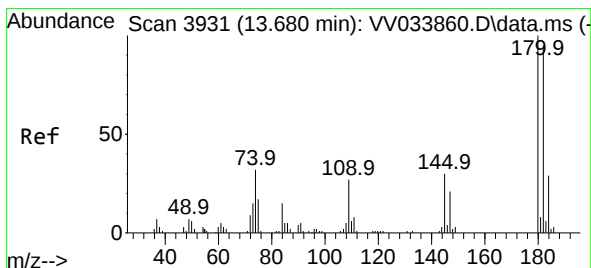
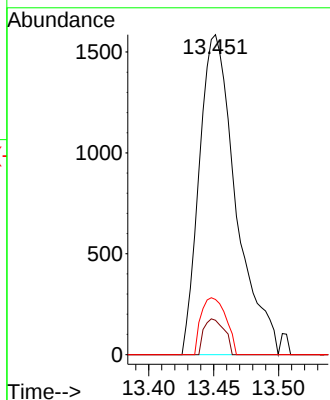
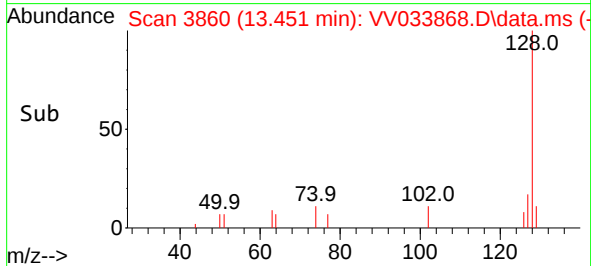
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



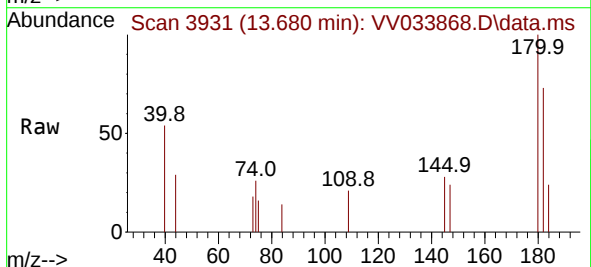
Tgt Ion:128 Resp: 3109
Ion Ratio Lower Upper
128 100
129 6.2 8.5 12.7
127 12.0 10.4 15.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.231 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033868.D
Acq: 25 Jan 2024 15:15



Tgt Ion:180 Resp: 1678
Ion Ratio Lower Upper
180 100
182 86.1 75.0 112.6
145 24.6 25.2 37.8#

