

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078748.D
 Acq On : 03 Aug 2023 13:19
 Operator : JC\MD
 Sample : 03572-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Aug 04 06:30:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	100789	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	504819	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.876	117	409258	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	243923	32.286	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.633%			
60) 4-Bromofluorobenzene	12.853	95	141073	23.001	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 76.667%			
63) Toluene-d8	10.570	98	623434	30.837	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	17011	2.676	ug/l	97
3) Chloromethane	2.377	50	26990	3.449	ug/l	95
4) Vinyl Chloride	2.524	62	29902	2.812	ug/l	90
5) Bromomethane	2.965	94	21612	2.719	ug/l	97
6) Chloroethane	3.130	64	21663m	3.128	ug/l	
7) Trichlorofluoromethane	3.500	101	26353	2.416	ug/l	88
8) Diethyl Ether	3.977	74	7544m	2.118	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.383	101	14137m	2.414	ug/l	
10) 1,1-Dichloroethene	4.359	96	11936m	2.126	ug/l	
11) Methyl Iodide	4.600	142	14585	1.848	ug/l	91
12) Methyl Acetate	5.047	43	22117m	2.428	ug/l	
13) Acrolein	4.194	56	10668m	10.999	ug/l	
14) Acrylonitrile	5.741	53	28946m	10.853	ug/l	
15) Acetone	4.459	58	7537m	9.754	ug/l	
16) Carbon Disulfide	4.718	76	37097	2.339	ug/l	99
17) Allyl chloride	5.030	41	15508m	2.023	ug/l	
18) Methylene Chloride	5.283	84	18722	2.779	ug/l #	82
19) trans-1,2-Dichloroethene	5.800	96	14352	2.211	ug/l	83
20) Diisopropyl ether	6.688	45	35496	2.056	ug/l	93
21) 1,1-Dichloroethane	6.582	63	24841	2.173	ug/l	97
22) cis-1,2-Dichloroethene	7.500	96	16780	2.301	ug/l #	64
23) tert-Butyl Alcohol	5.536	59	15214m	13.960	ug/l	
24) Methyl tert-Butyl Ether	5.812	73	39559	2.095	ug/l #	84
25) Chloroform	7.982	83	32735	2.705	ug/l	86
26) Cyclohexane	8.259	56	20517	2.437	ug/l #	95
29) 1,1-Dichloropropene	8.382	75	21907	2.949	ug/l	82
30) 2-Butanone	7.506	43	33914	11.550	ug/l #	95
31) 2,2-Dichloropropane	7.500	77	22689	2.662	ug/l	100
32) 1,1,1-Trichloroethane	8.182	97	28531	3.036	ug/l	98
33) Carbon Tetrachloride	8.371	117	25611	3.068	ug/l	94
34) Benzene	8.618	78	63592	2.850	ug/l #	80
35) Methacrylonitrile	7.794	41	9043	2.804	ug/l #	68
36) 1,2-Dichloroethane	8.682	62	25416	3.243	ug/l	100
37) Trichloroethene	9.359	130	15855	2.532	ug/l	98
38) Methylcyclohexane	9.612	83	15281	2.002	ug/l	82
39) 1,2-Dichloropropane	9.635	63	15883	2.655	ug/l #	84
40) Dibromomethane	9.718	93	12063m	2.914	ug/l	
41) Bromodichloromethane	9.888	83	23242m	2.808	ug/l	
42) Vinyl Acetate	6.618	43	102723	10.881	ug/l #	86

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 MDL-WATER-03-QT3-2023

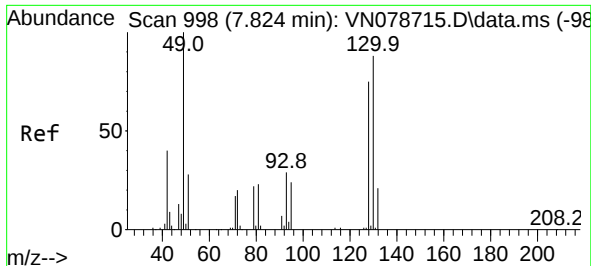
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
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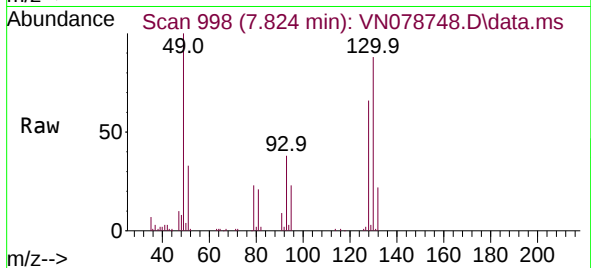
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	15580m	2.566	ug/l	
44) Isopropyl Acetate	8.700	43	31459	2.954	ug/l	99
45) 1,4-Dioxane	9.712	88	4326	44.155	ug/l #	72
46) Methyl methacrylate	9.688	41	12205	2.502	ug/l	89
47) n-amyl Acetate	12.500	43	14775	1.801	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	20856	2.361	ug/l	90
49) cis-1,3-Dichloropropene	10.323	75	22482	2.396	ug/l	95
50) 1,1,2-Trichloroethane	11.023	97	15709	2.681	ug/l #	90
51) Ethyl methacrylate	10.882	69	15876	1.979	ug/l	91
52) 1,3-Dichloropropane	11.165	76	24076	2.286	ug/l	96
53) Dibromochloromethane	11.370	129	16407	2.478	ug/l	97
54) 1,2-Dibromoethane	11.476	107	14176	2.409	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	25494	9.972	ug/l	97
56) Bromoform	12.582	173	9729	2.246	ug/l #	94
58) 4-Methyl-2-Pentanone	10.453	43	69927	11.415	ug/l	98
59) 2-Hexanone	11.206	43	47223	10.181	ug/l	94
61) Tetrachloroethene	11.112	164	13962	2.594	ug/l #	88
62) Toluene	10.635	91	63297	2.571	ug/l	97
64) Chlorobenzene	11.894	112	36870	2.565	ug/l	89
65) 1,1,1,2-Tetrachloroethane	11.964	131	14064	2.481	ug/l	91
66) Ethyl Benzene	11.970	91	52459	2.114	ug/l	89
67) m/p-Xylenes	12.070	106	40415	4.264	ug/l	99
68) o-Xylene	12.400	106	18939	1.964	ug/l	94
69) Styrene	12.417	104	27195	1.753	ug/l	98
70) Isopropylbenzene	12.700	105	46464	1.948	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.947	83	19342	2.496	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	14654m	2.254	ug/l	
73) Bromobenzene	12.994	156	13167	2.252	ug/l	83
74) n-propylbenzene	13.041	91	48202	1.823	ug/l	98
75) 2-Chlorotoluene	13.129	91	32495	1.780	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	35530	1.668	ug/l	98
77) t-1,4-Dichloro-2-butene	12.747	75	4865	2.141	ug/l	73
78) 4-Chlorotoluene	13.229	91	25710	1.458	ug/l	98
79) tert-butylbenzene	13.441	119	31747	1.732	ug/l	92
80) 1,2,4-Trimethylbenzene	13.488	105	31746	1.561	ug/l	95
81) sec-Butylbenzene	13.623	105	37337	1.589	ug/l	96
82) p-Isopropyltoluene	13.729	119	28794	1.493	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	14093	1.359	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	13375	1.378	ug/l	99
85) n-Butylbenzene	14.058	91	15890	1.188	ug/l	98
86) Hexachloroethane	14.341	117	7846	2.232	ug/l	95
87) 1,2-Dichlorobenzene	14.111	146	14139	1.457	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	2938	2.232	ug/l #	78
89) 1,2,4-Trichlorobenzene	15.405	180	2463	0.890	ug/l	89
90) Hexachlorobutadiene	15.505	225	4841m	2.295	ug/l	
91) Naphthalene	15.647	128	9700	1.156	ug/l #	89
92) 1,2,3-Trichlorobenzene	15.847	180	3510m	1.114	ug/l	

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

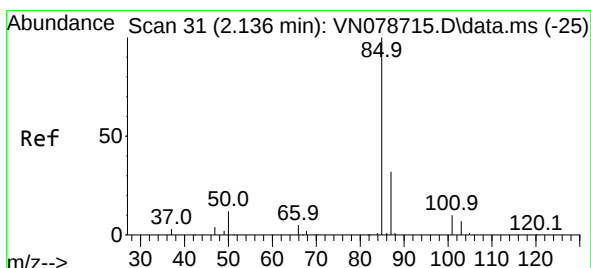
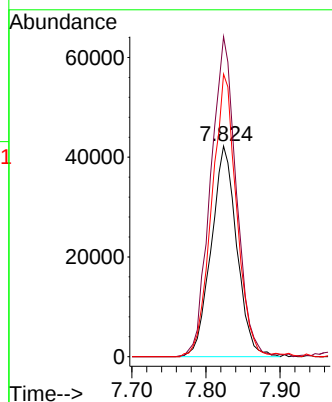
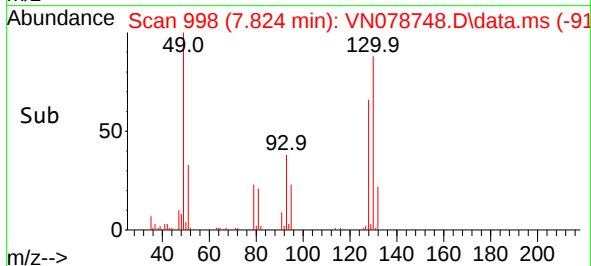
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion:128 Resp: 100789
Ion Ratio Lower Upper
128 100
49 152.9 0.0 370.8
130 130.2 0.0 307.0

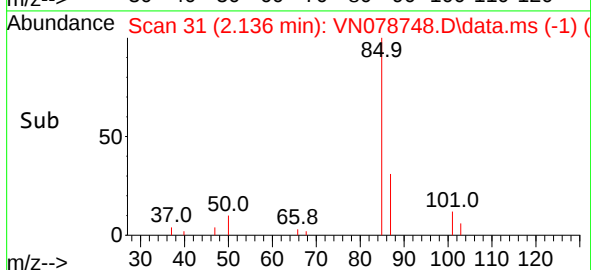
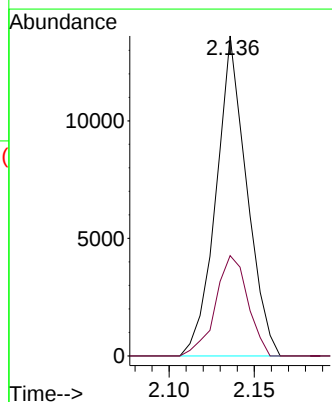
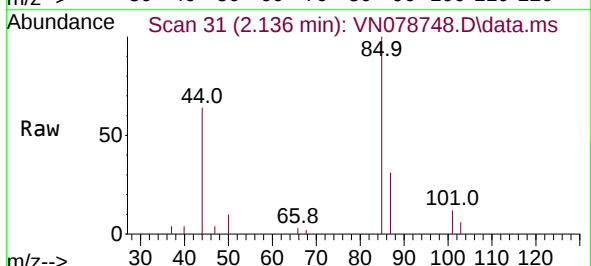
Manual Integrations
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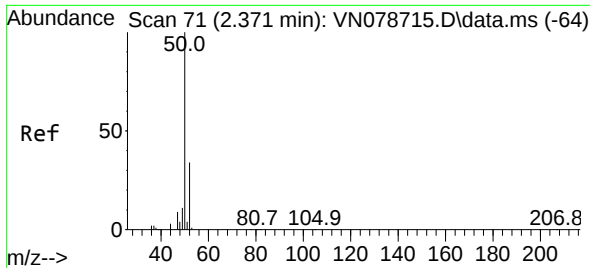
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#2
Dichlorodifluoromethane
Concen: 2.676 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

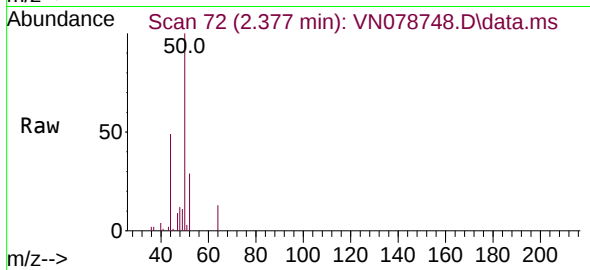
Tgt Ion: 85 Resp: 17011
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.4





#3
Chloromethane
Concen: 3.449 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

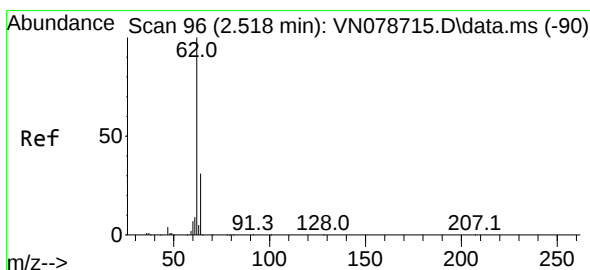
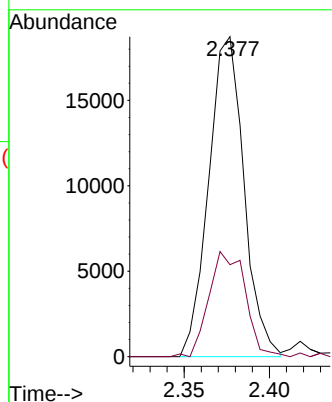
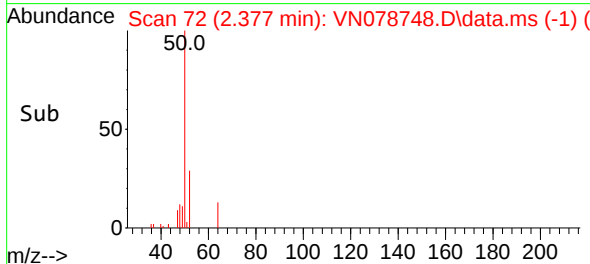
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 50 Resp: 26990
Ion Ratio Lower Upper
50 100
52 27.9 24.6 36.8

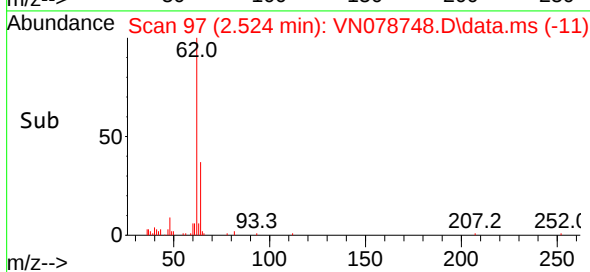
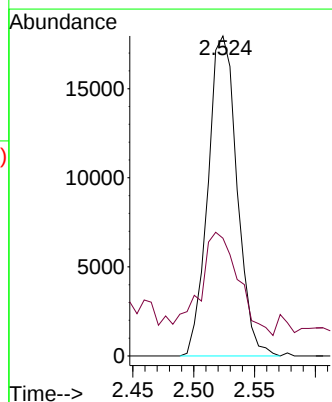
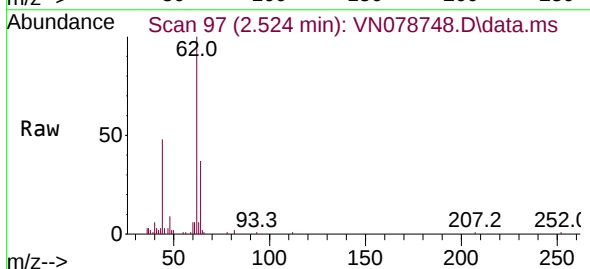
Manual Integrations
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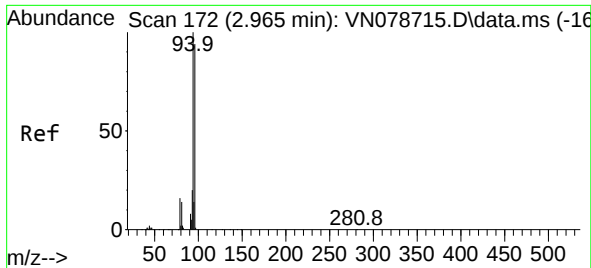
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#4
Vinyl Chloride
Concen: 2.812 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

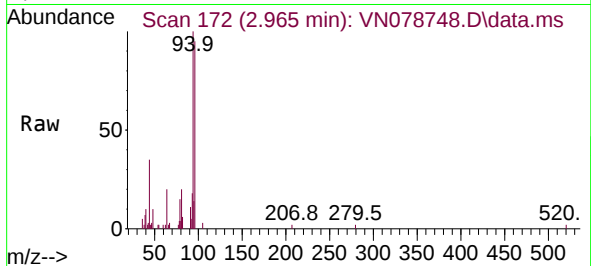
Tgt Ion: 62 Resp: 29902
Ion Ratio Lower Upper
62 100
64 23.8 23.3 34.9





#5
Bromomethane
Concen: 2.719 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

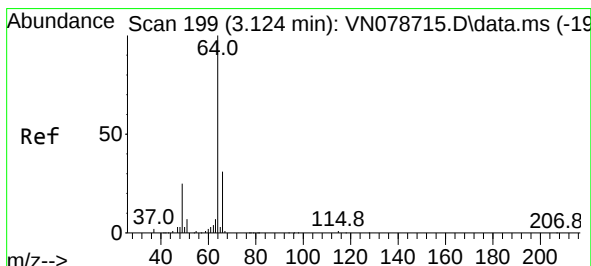
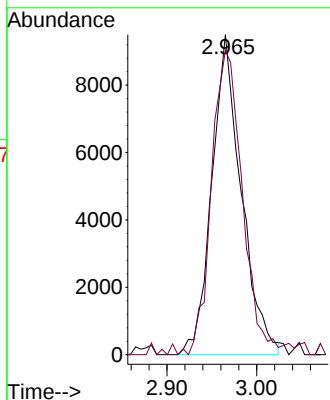
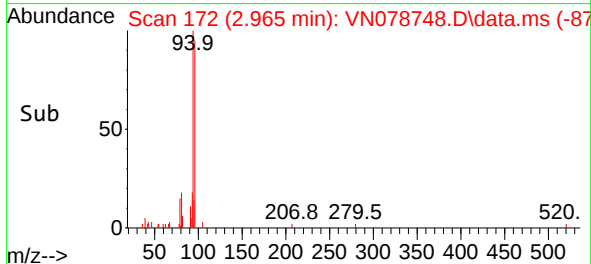
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 94 Resp: 2161
Ion Ratio Lower Upper
94 100
96 95.1 73.9 110.9

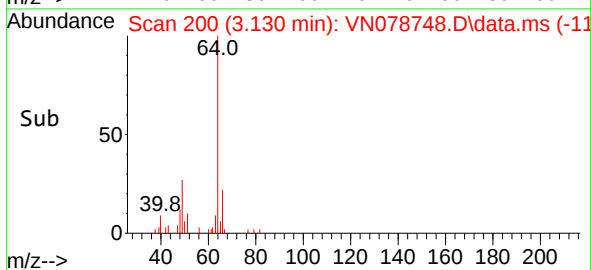
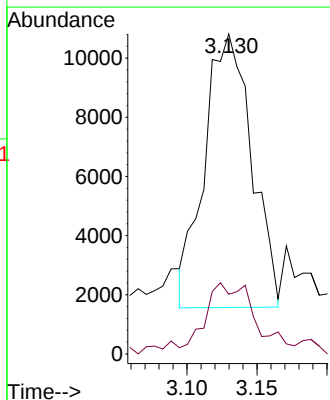
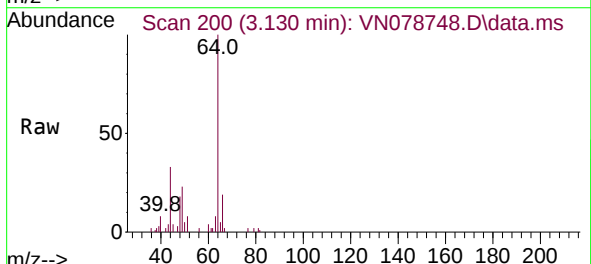
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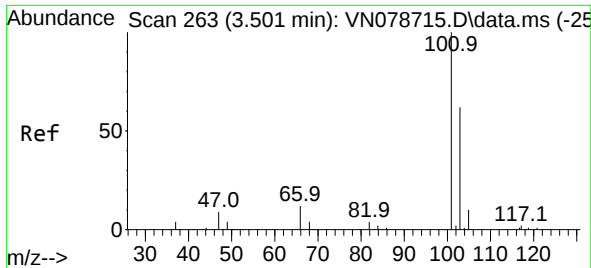
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#6
Chloroethane
Concen: 3.128 ug/l m
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

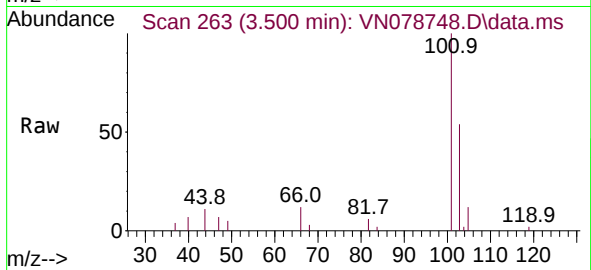
Tgt Ion: 64 Resp: 21663
Ion Ratio Lower Upper
64 100
66 18.6 25.7 38.5#





#7
 Trichlorofluoromethane
 Concen: 2.416 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

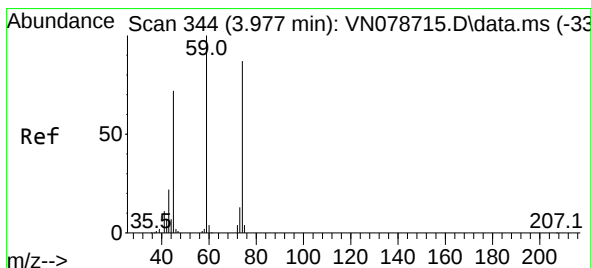
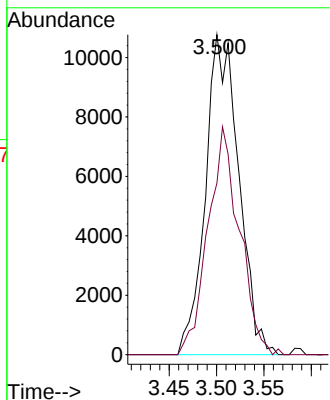
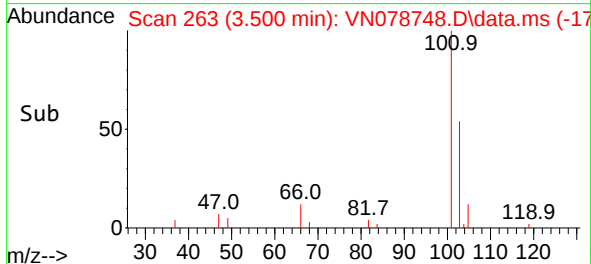
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Tgt Ion:101 Resp: 2635
 Ion Ratio Lower Upper
 101 100
 103 53.6 50.4 75.6

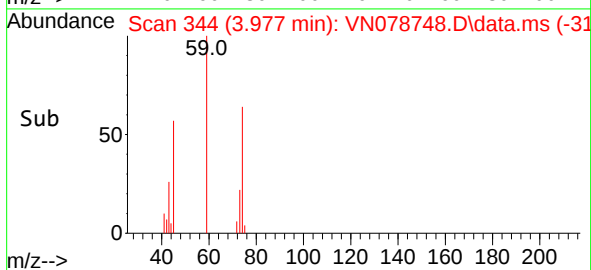
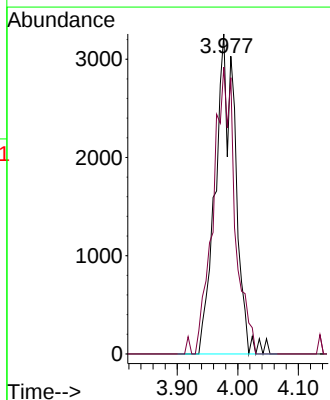
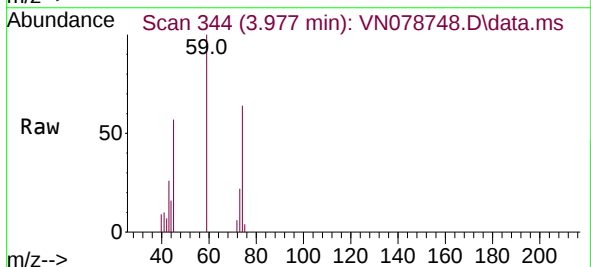
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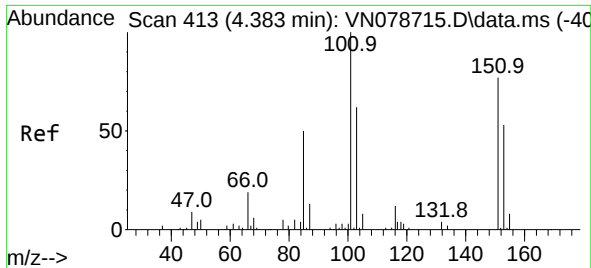
Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#8
 Diethyl Ether
 Concen: 2.118 ug/l m
 RT: 3.977 min Scan# 344
 Delta R.T. -0.000 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

Tgt Ion: 74 Resp: 7544
 Ion Ratio Lower Upper
 74 100
 45 65.2 16.3 146.5





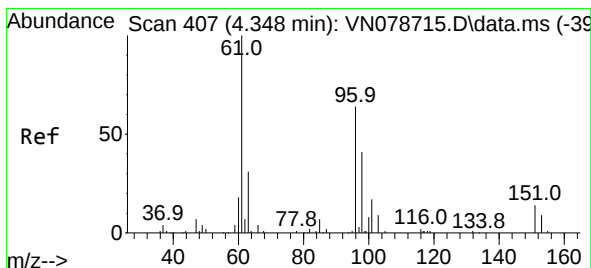
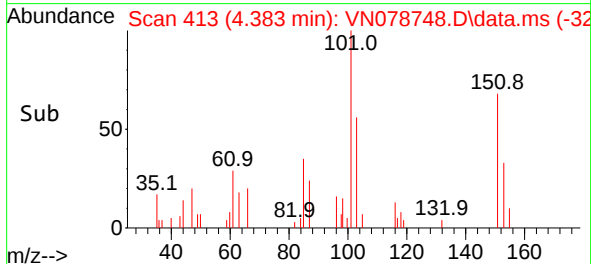
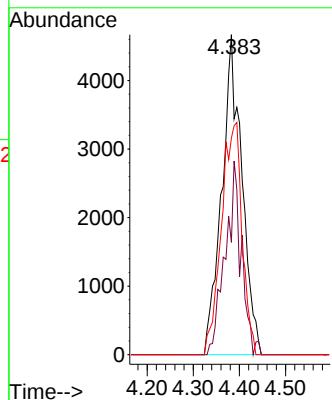
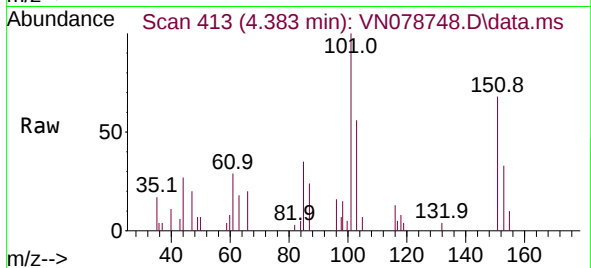
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1,1,2-Trichlorotrifluoroethane
Concen: 2.414 ug/l m
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:101 Resp: 1413
Ion Ratio Lower Upper
101 100
85 47.4 0.0 89.2
151 32.7 0.0 148.8

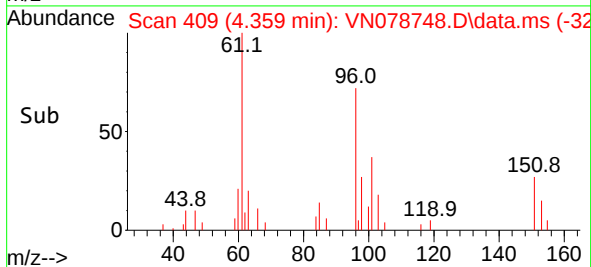
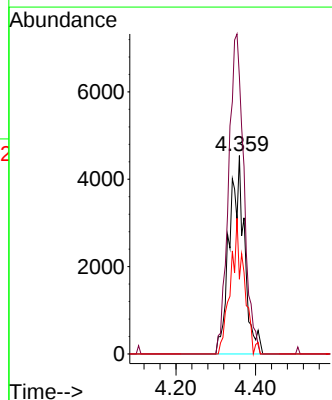
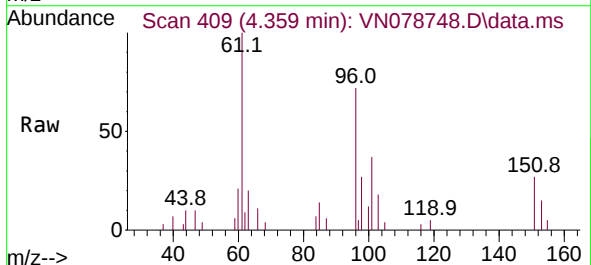
Manual Integrations
APPROVED

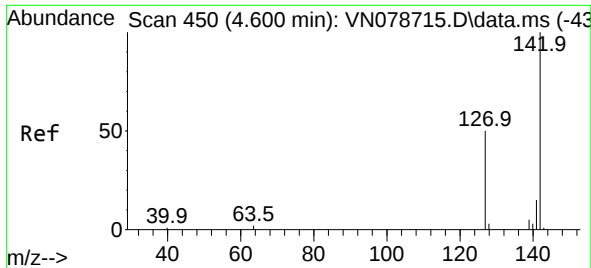
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#10
1,1-Dichloroethene
Concen: 2.126 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

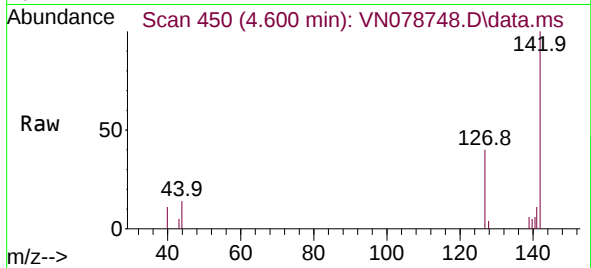
Tgt Ion: 96 Resp: 11936
Ion Ratio Lower Upper
96 100
61 139.6 123.4 185.2
98 37.7 53.7 80.5#





#11
Methyl Iodide
Concen: 1.848 ug/l
RT: 4.600 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

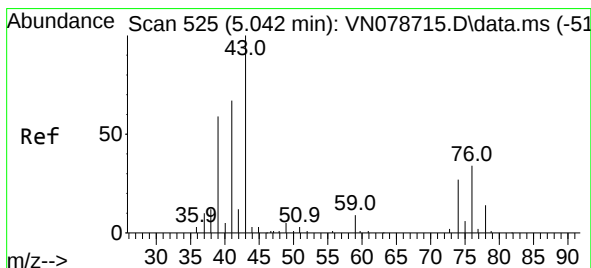
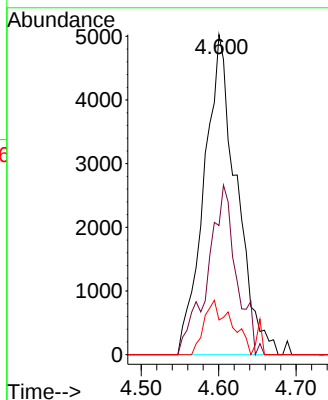
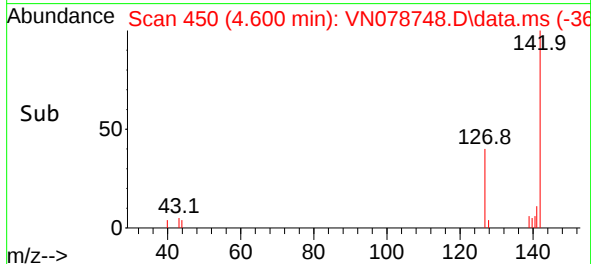
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:142 Resp: 1458
Ion Ratio Lower Upper
142 100
127 40.4 23.2 69.5
141 10.8 7.2 21.7

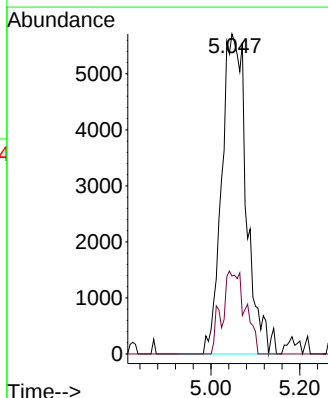
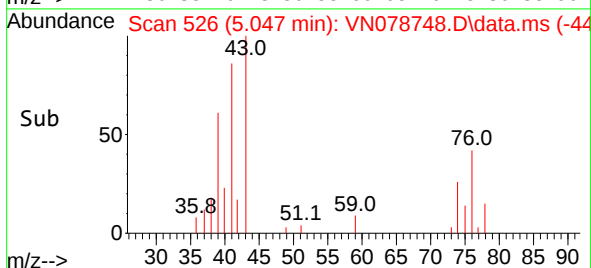
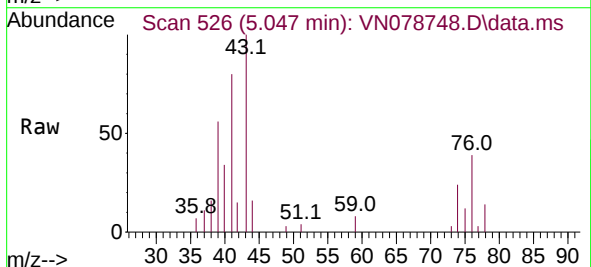
Manual Integrations
APPROVED

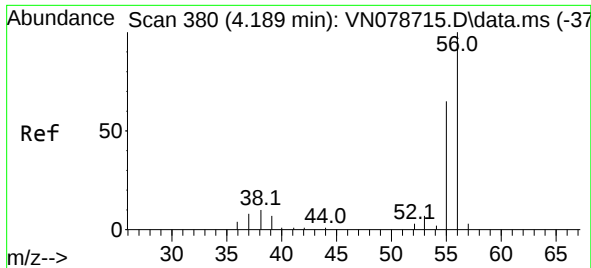
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#12
Methyl Acetate
Concen: 2.428 ug/l m
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

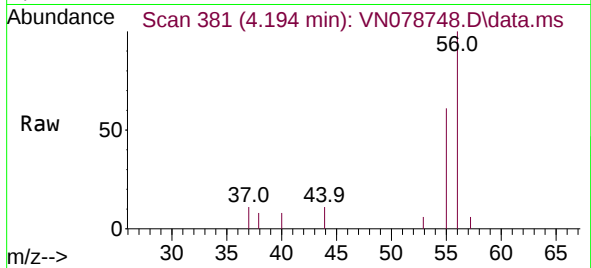
Tgt Ion: 43 Resp: 22117
Ion Ratio Lower Upper
43 100
74 24.3 20.5 30.7





#13
Acrolein
Concen: 10.999 ug/l m
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

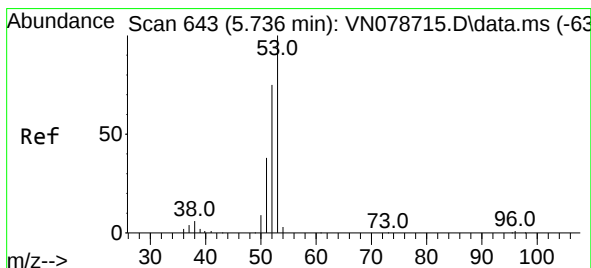
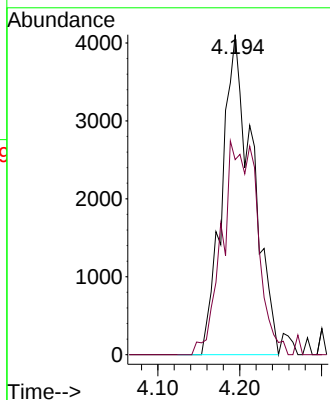
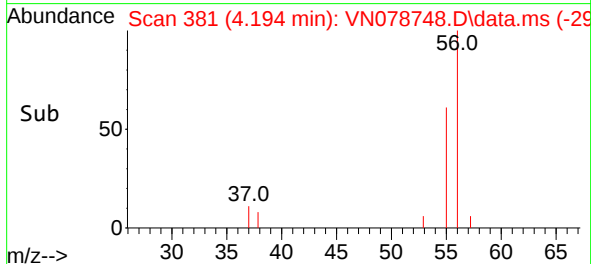
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



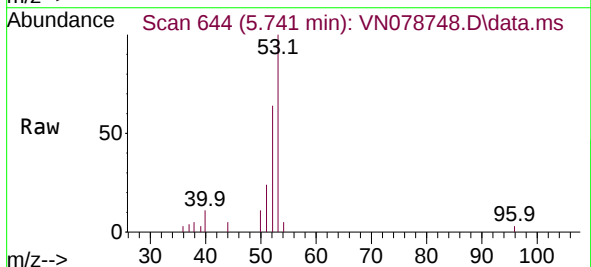
Tgt Ion: 56 Resp: 10668
Ion Ratio Lower Upper
56 100
55 44.5 59.0 88.4

Manual Integrations
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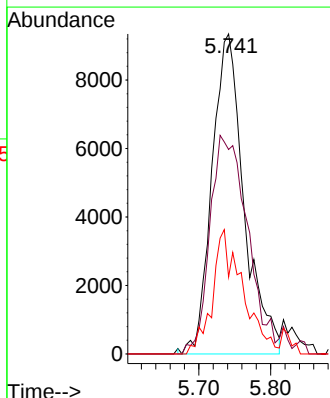
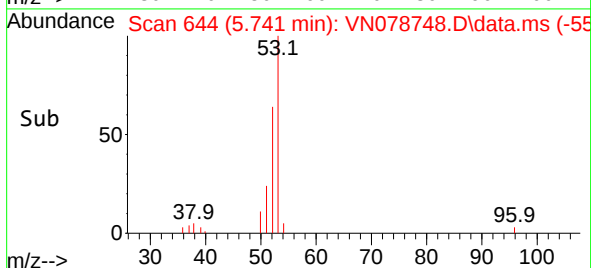
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

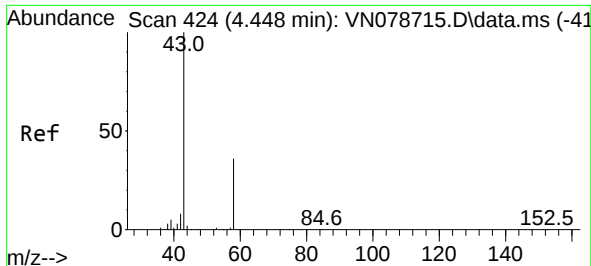


#14
Acrylonitrile
Concen: 10.853 ug/l m
RT: 5.741 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19



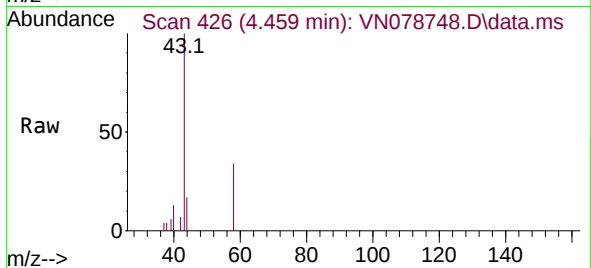
Tgt Ion: 53 Resp: 28946
Ion Ratio Lower Upper
53 100
52 77.9 42.3 126.9
51 19.4 18.4 55.4





#15
Acetone
Concen: 9.754 ug/l m
RT: 4.459 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

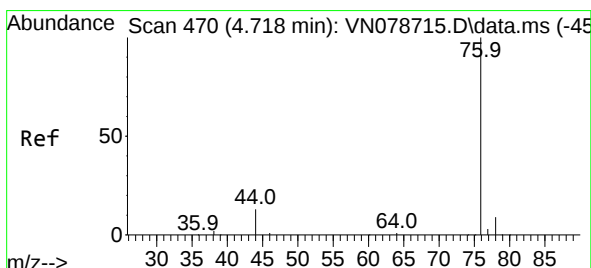
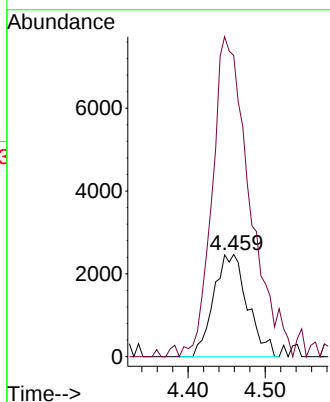
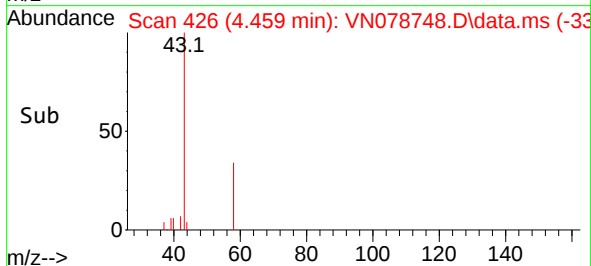
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 58 Resp: 753
Ion Ratio Lower Upper
58 100
43 294.6 227.5 341.3

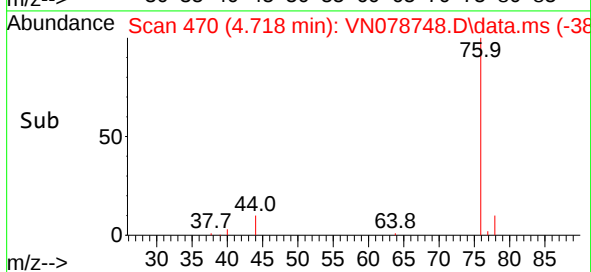
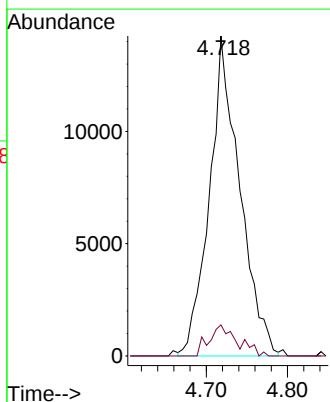
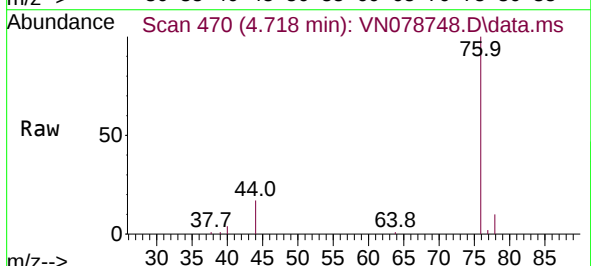
Manual Integrations
APPROVED

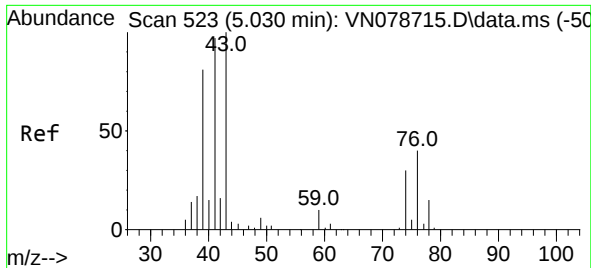
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#16
Carbon Disulfide
Concen: 2.339 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 76 Resp: 37097
Ion Ratio Lower Upper
76 100
78 9.8 7.7 11.5





#17

Allyl chloride

Concen: 2.023 ug/l m

RT: 5.030 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 41 Resp: 15508

Ion Ratio Lower Upper

41 100

39 89.5 37.6 112.8

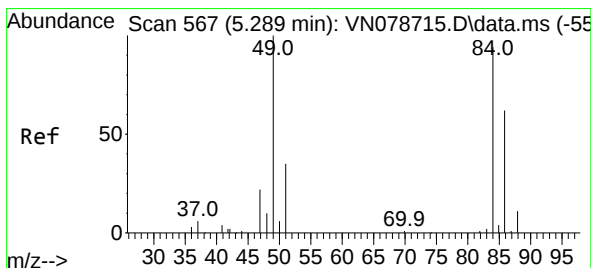
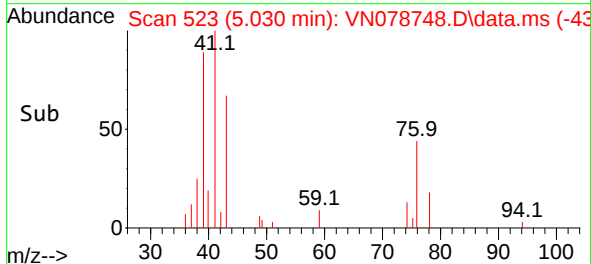
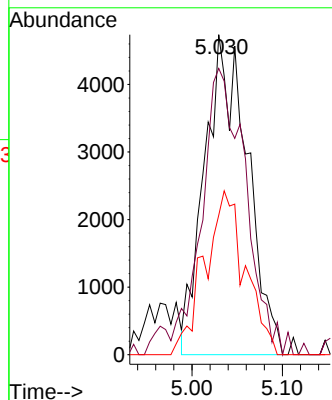
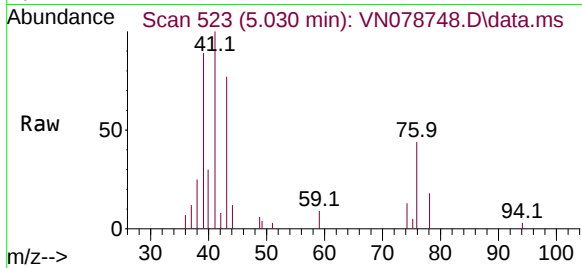
76 43.6 23.8 71.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#18

Methylene Chloride

Concen: 2.779 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Tgt Ion: 84 Resp: 18722

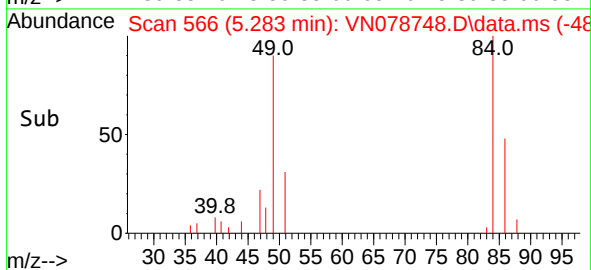
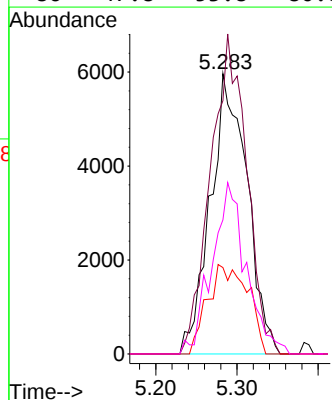
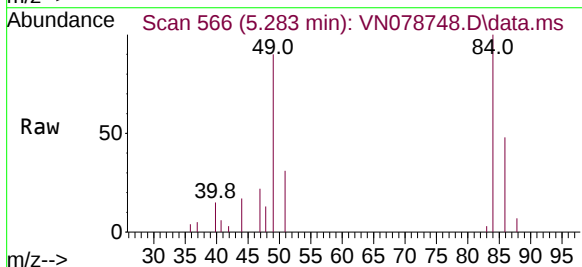
Ion Ratio Lower Upper

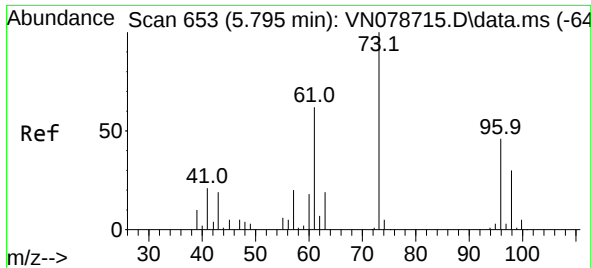
84 100

49 90.4 88.1 132.1

51 30.8 24.0 36.0

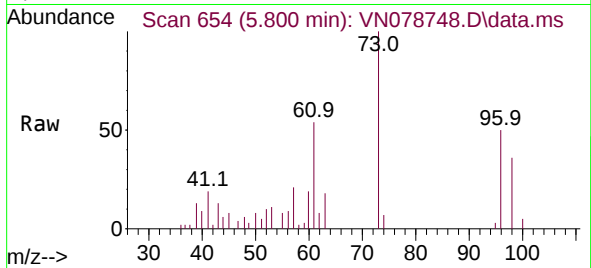
86 47.8 53.8 80.8#





#19
trans-1,2-Dichloroethene
Concen: 2.211 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

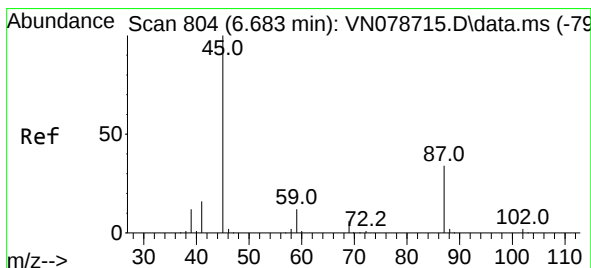
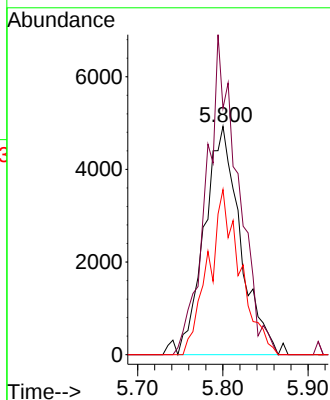
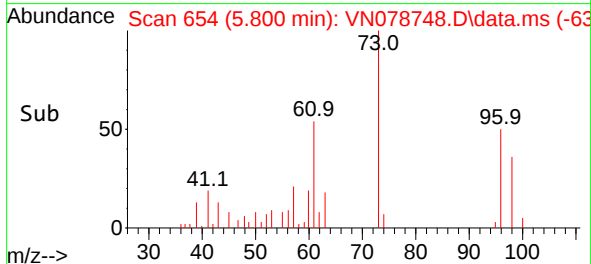
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023



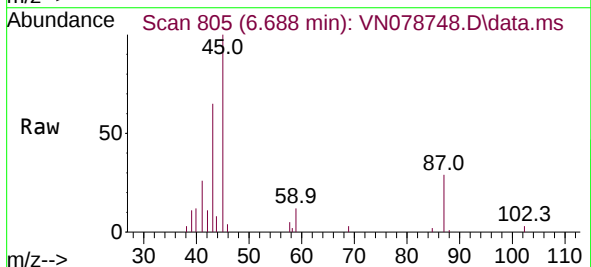
Tgt Ion: 96 Resp: 14352
Ion Ratio Lower Upper
96 100
61 107.9 105.2 157.8
98 72.3 50.5 75.7

Manual Integrations
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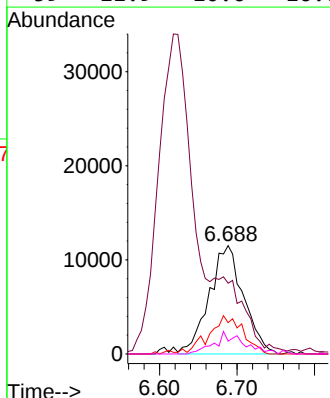
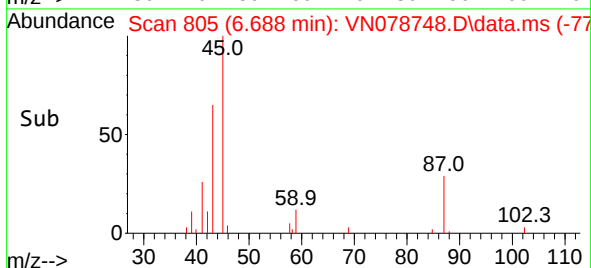
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

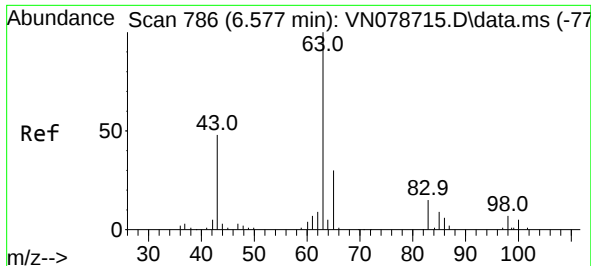


#20
Diisopropyl ether
Concen: 2.056 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19



Tgt Ion: 45 Resp: 35496
Ion Ratio Lower Upper
45 100
43 60.3 43.6 65.4
87 28.9 25.8 38.6
59 11.9 10.6 16.0





#21

1,1-Dichloroethane

Concen: 2.173 ug/l

RT: 6.582 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

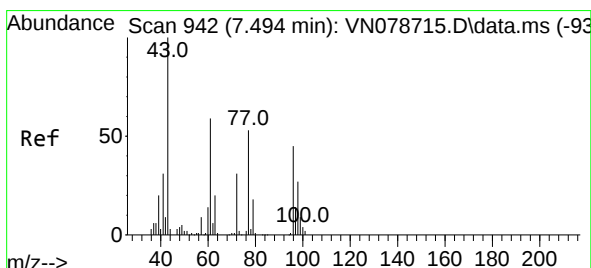
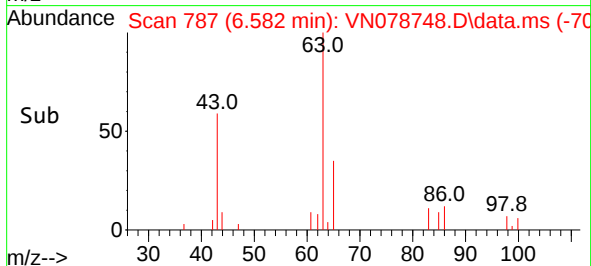
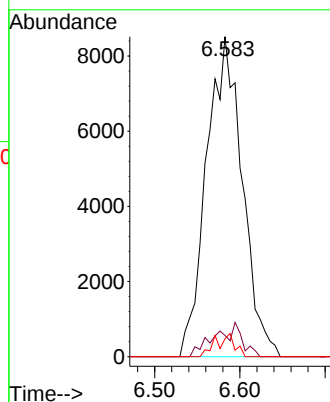
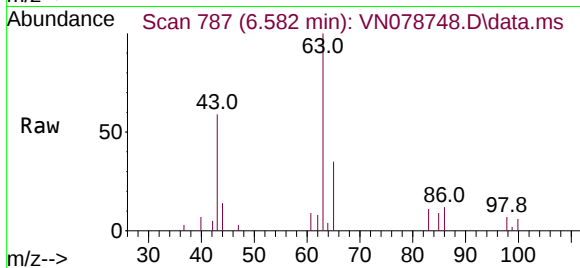
MDL-WATER-03-QT3-2023

Tgt Ion:	63	Resp:	2484
Ion Ratio	Lower	Upper	
63	100		
98	6.6	2.7	8.1
100	5.6	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#22

cis-1,2-Dichloroethene

Concen: 2.301 ug/l

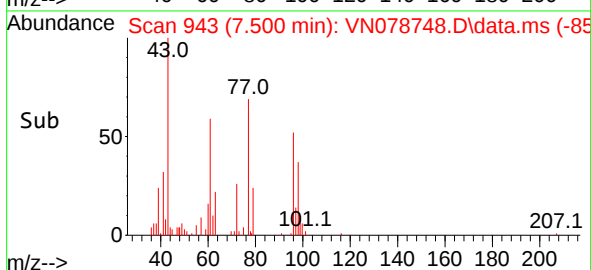
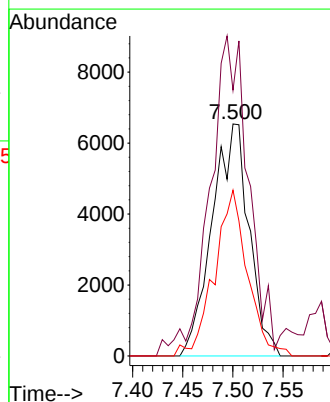
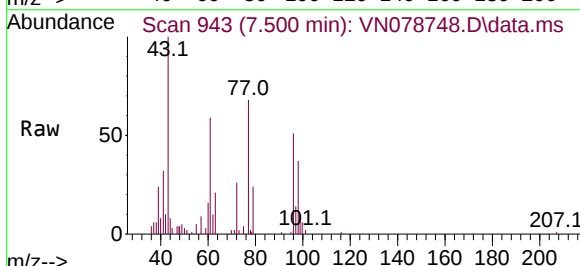
RT: 7.500 min Scan# 943

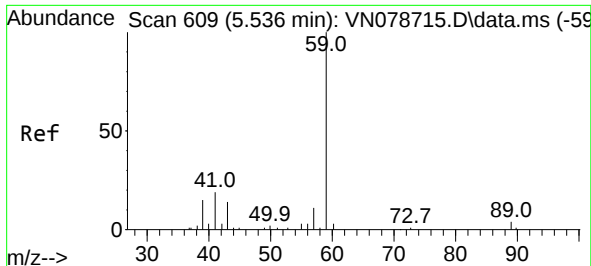
Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

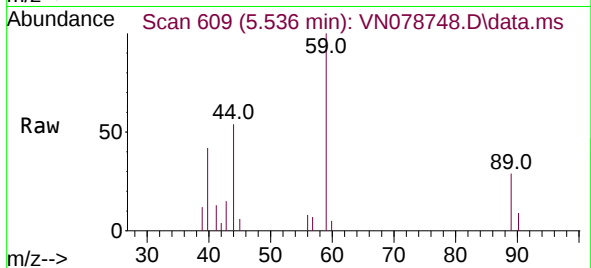
Tgt Ion:	96	Resp:	16780
Ion Ratio	Lower	Upper	
96	100		
61	78.8	113.8	170.6#
98	62.4	52.2	78.4





#23
tert-Butyl Alcohol
Concen: 13.960 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

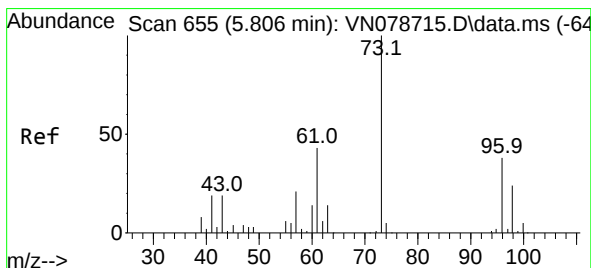
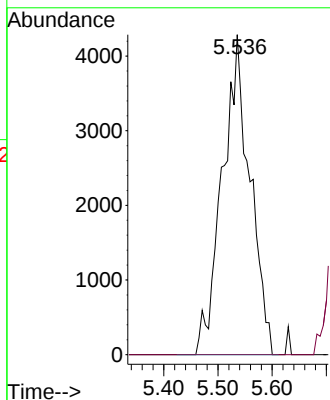
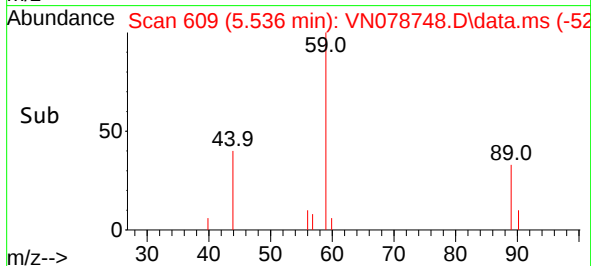
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023



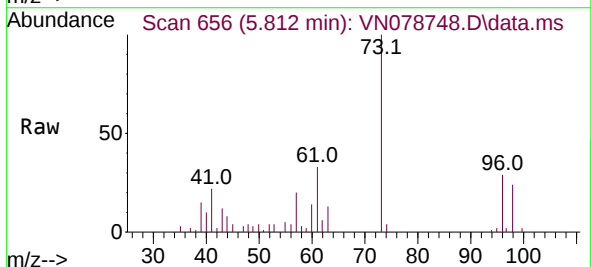
Tgt Ion: 59 Resp: 15214
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

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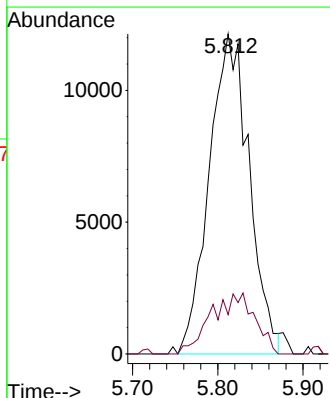
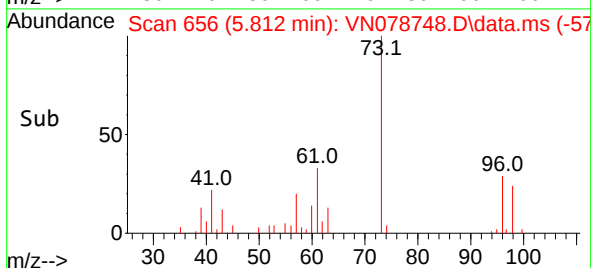
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

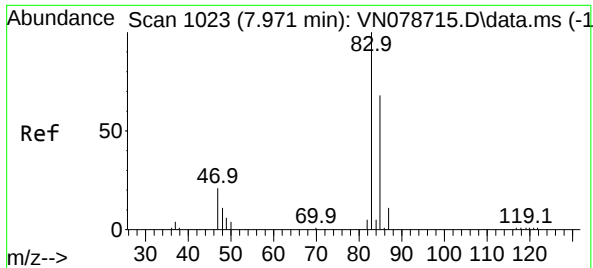


#24
Methyl tert-Butyl Ether
Concen: 2.095 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19



Tgt Ion: 73 Resp: 39559
Ion Ratio Lower Upper
73 100
43 11.2 14.5 21.7





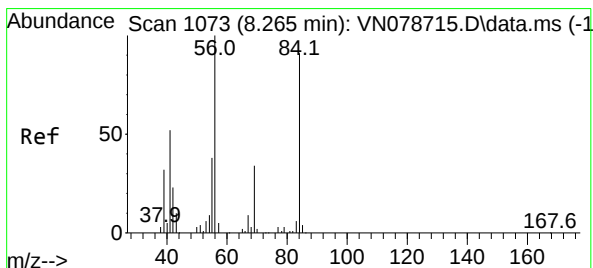
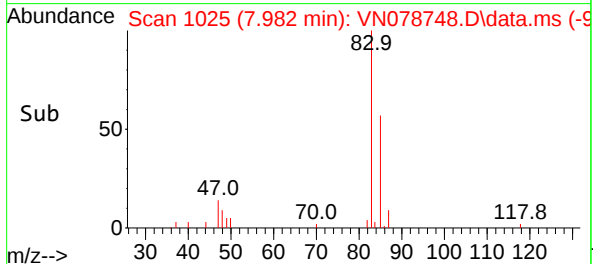
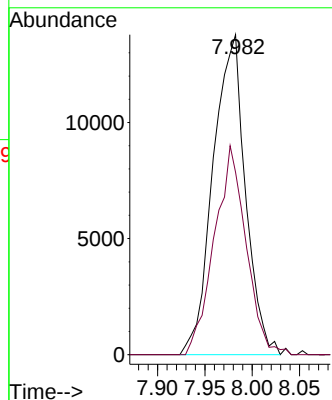
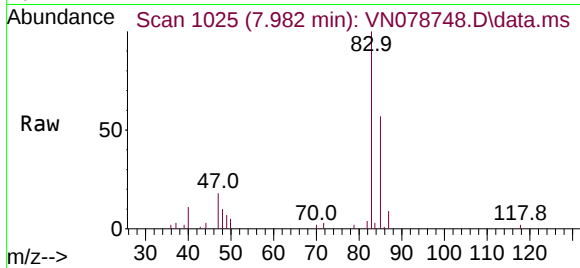
#25
Chloroform
Concen: 2.705 ug/l
RT: 7.982 min Scan# 1025
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 83 Resp: 3273
Ion Ratio Lower Upper
83 100
85 55.2 53.4 80.0

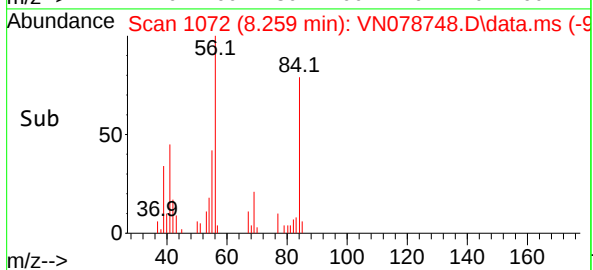
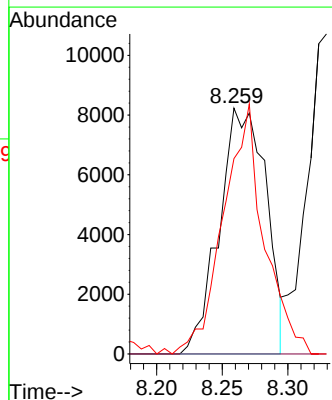
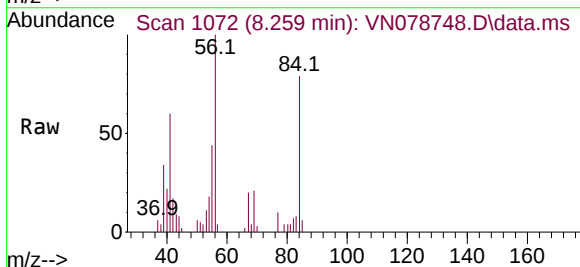
Manual Integrations
APPROVED

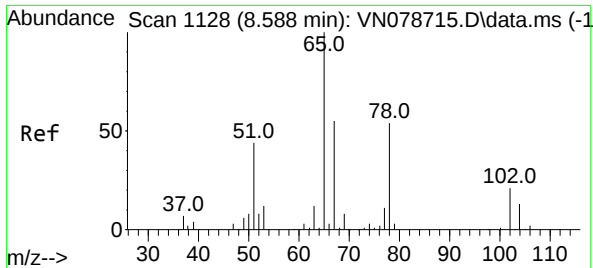
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#26
Cyclohexane
Concen: 2.437 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

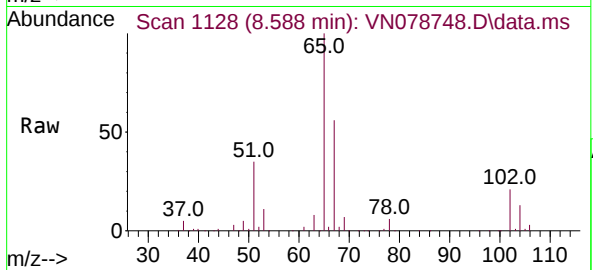
Tgt Ion: 56 Resp: 20517
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.7 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 32.286 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

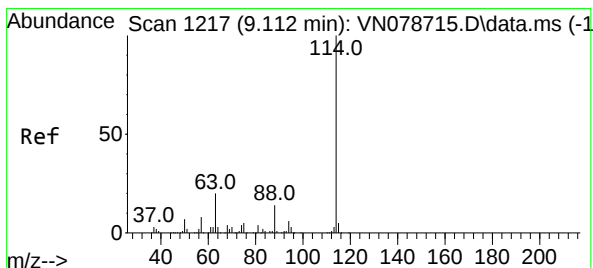
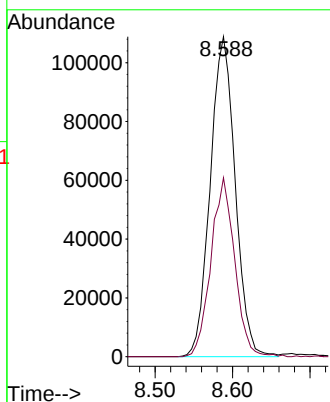
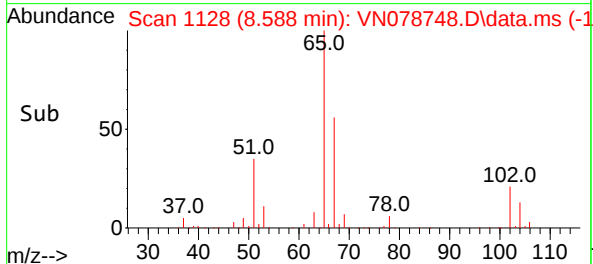
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion: 65 Resp: 24392
Ion Ratio Lower Upper
65 100
67 52.9 42.9 64.3

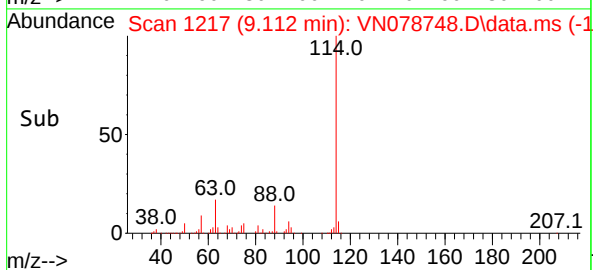
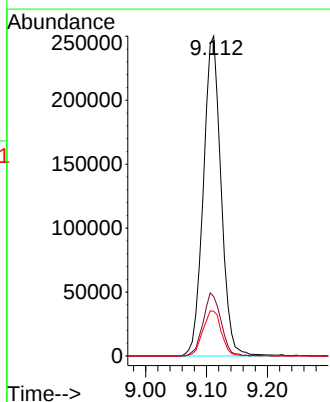
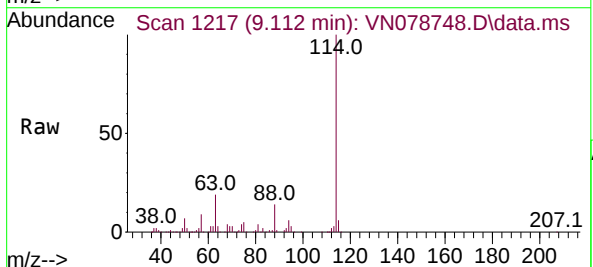
Manual Integrations
APPROVED

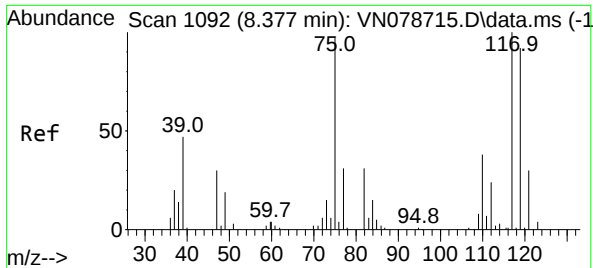
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:114 Resp: 504819
Ion Ratio Lower Upper
114 100
63 19.9 15.2 22.8
88 14.7 12.5 18.7





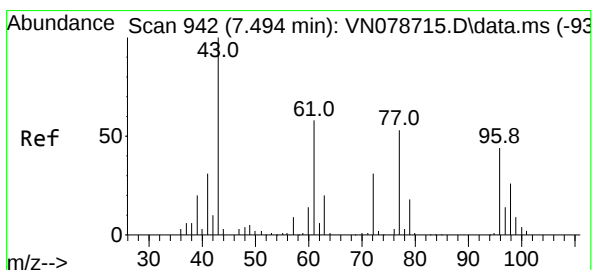
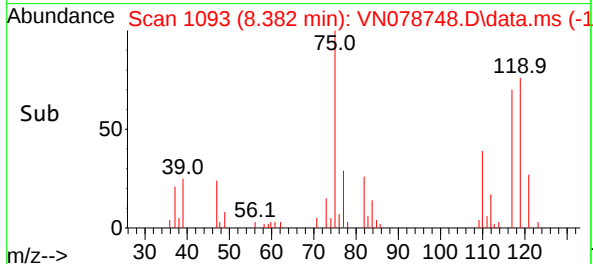
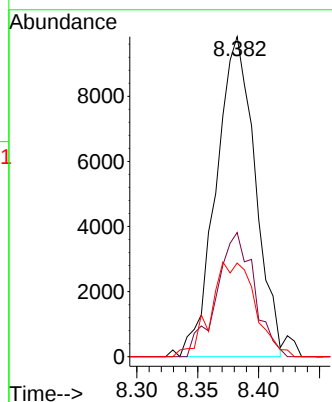
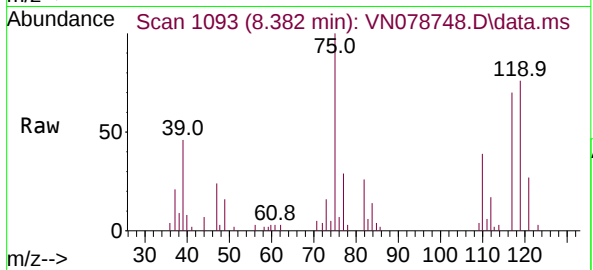
#29
1,1-Dichloropropene
Concen: 2.949 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 75	Resp: 2190
Ion Ratio	Lower Upper
75 100	
110 33.4	0.0 72.2
77 13.4	0.0 62.8

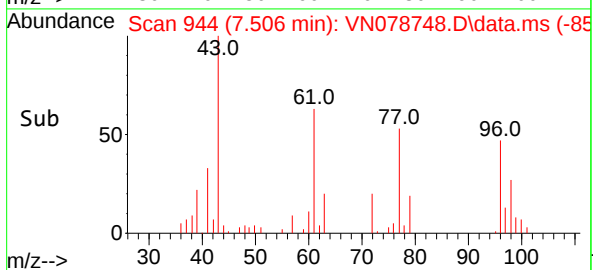
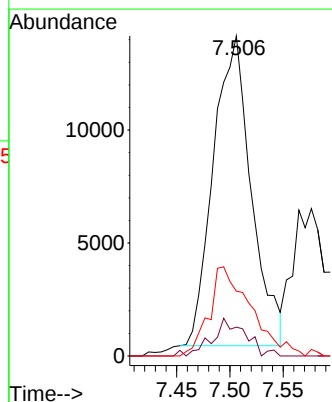
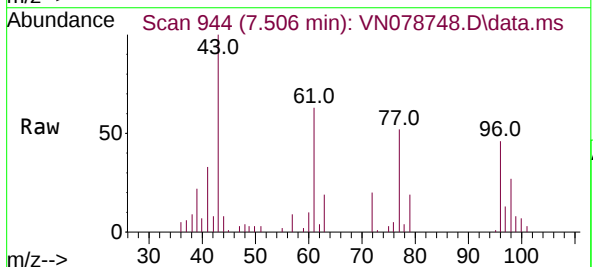
Manual Integrations
APPROVED

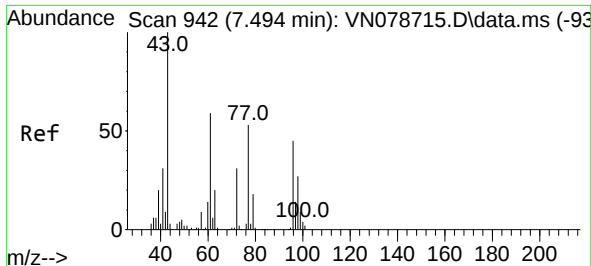
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#30
2-Butanone
Concen: 11.550 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 43	Resp: 33914
Ion Ratio	Lower Upper
43 100	
57 2.1	6.8 10.2#
72 30.5	23.8 35.6





#31

2,2-Dichloropropane

Concen: 2.662 ug/l

RT: 7.500 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 77 Resp: 22689

Ion Ratio Lower Upper

77 100

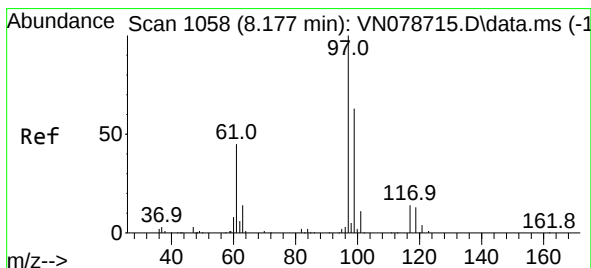
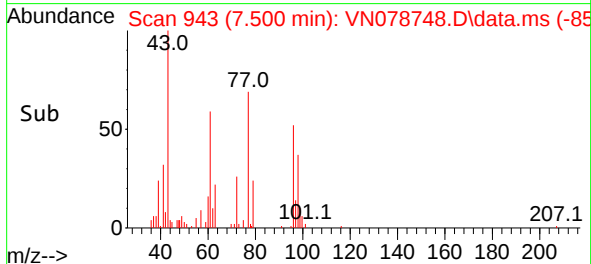
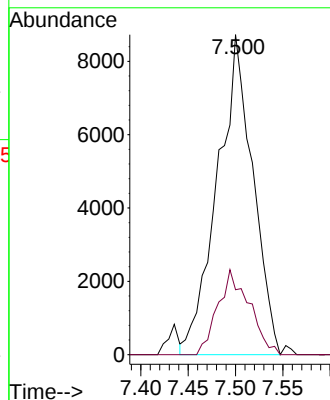
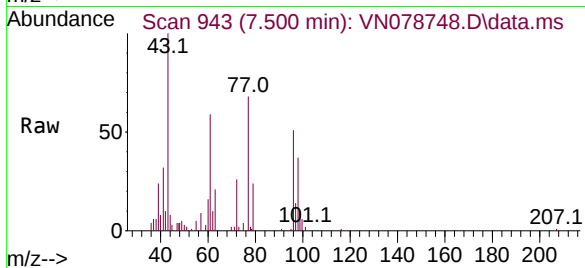
97 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#32

1,1,1-Trichloroethane

Concen: 3.036 ug/l

RT: 8.182 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

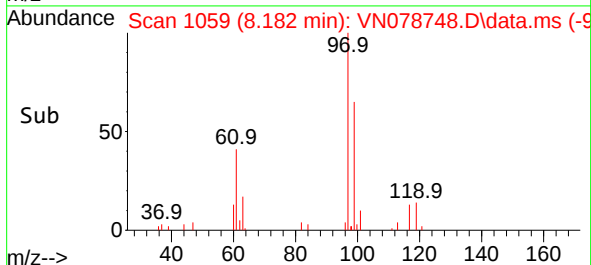
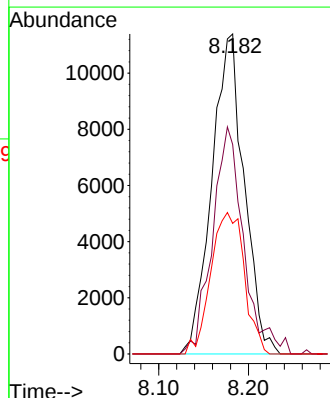
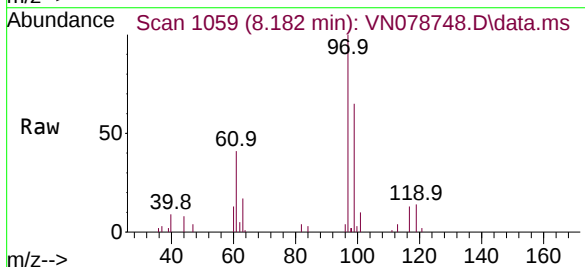
Tgt Ion: 97 Resp: 28531

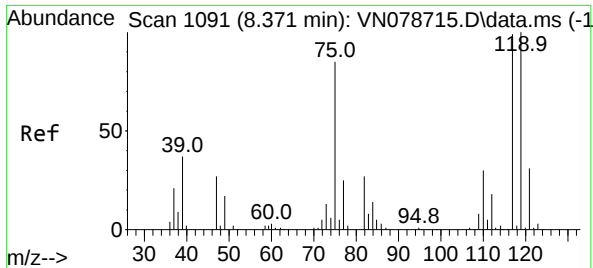
Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

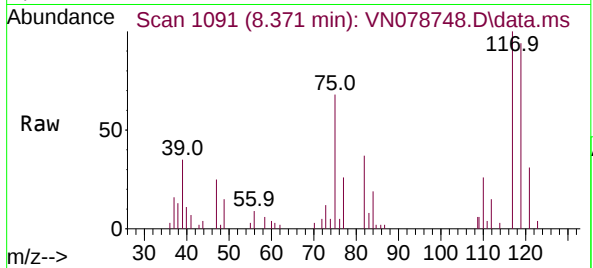
61 45.9 34.6 52.0





#33
Carbon Tetrachloride
Concen: 3.068 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

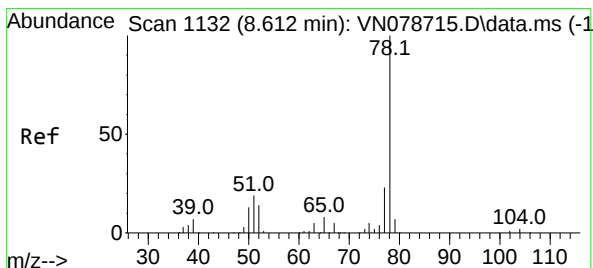
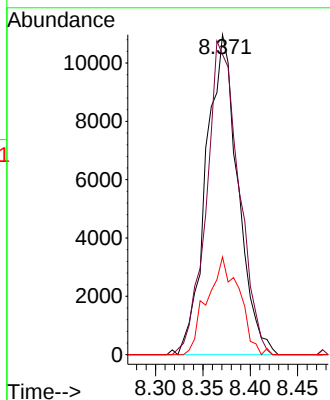
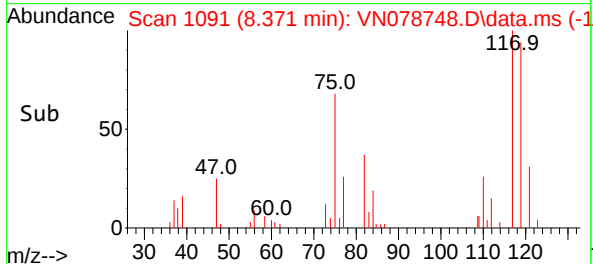
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion: 117 Resp: 2561
Ion Ratio Lower Upper
117 100
119 93.8 81.4 122.0
121 30.5 23.6 35.4

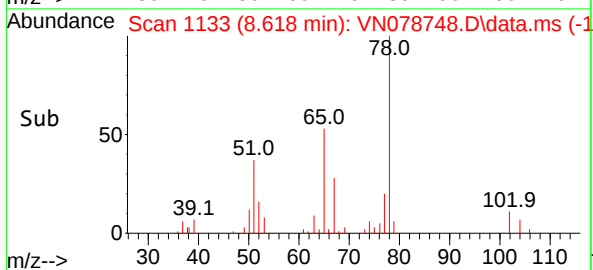
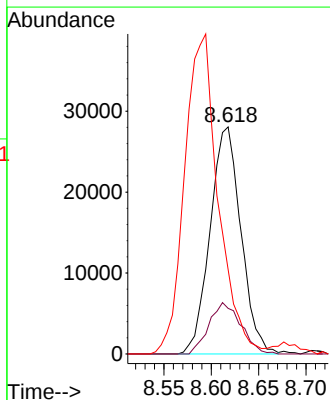
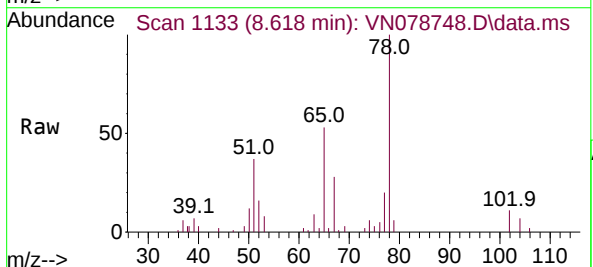
Manual Integrations
APPROVED

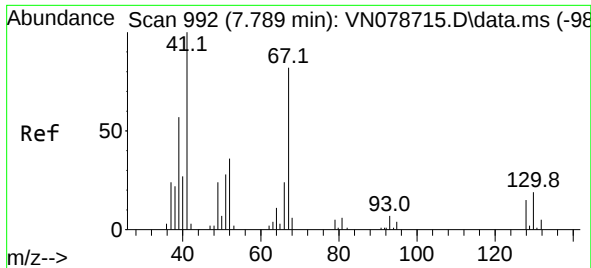
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#34
Benzene
Concen: 2.850 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

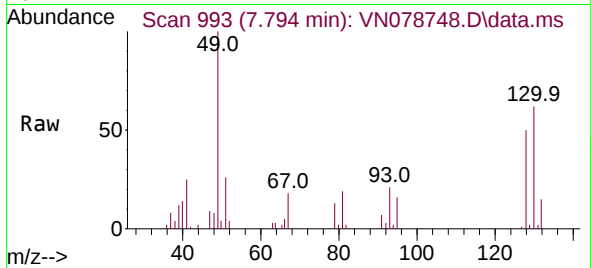
Tgt Ion: 78 Resp: 63592
Ion Ratio Lower Upper
78 100
77 20.1 18.3 27.5
51 33.8 13.7 20.5#





#35
Methacrylonitrile
Concen: 2.804 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

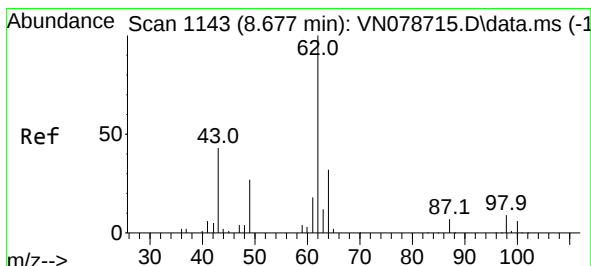
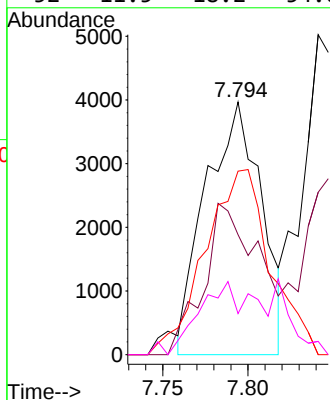
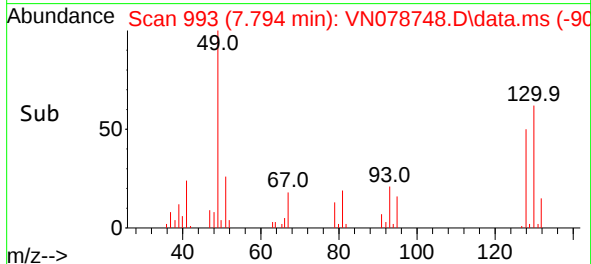
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 41 Resp: 904
Ion Ratio Lower Upper
41 100
39 40.7 33.9 101.6
67 67.0 45.9 137.6
52 11.5 18.2 54.6#

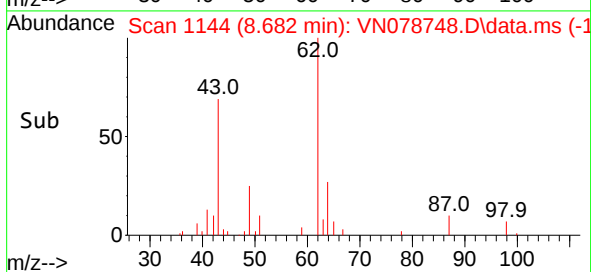
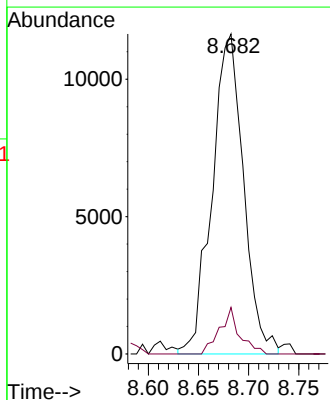
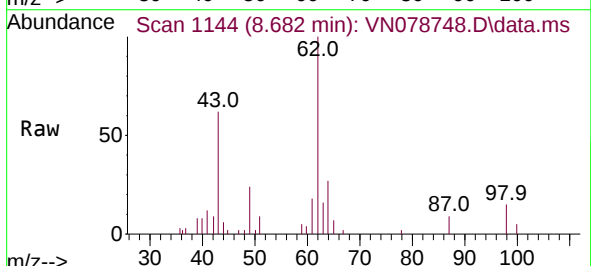
Manual Integrations
APPROVED

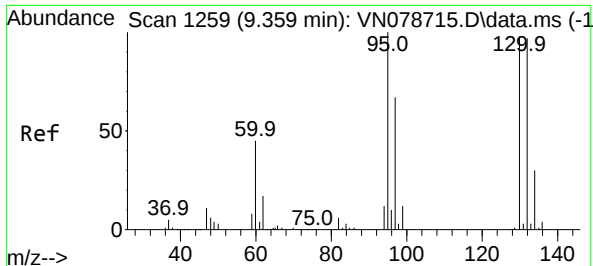
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#36
1,2-Dichloroethane
Concen: 3.243 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

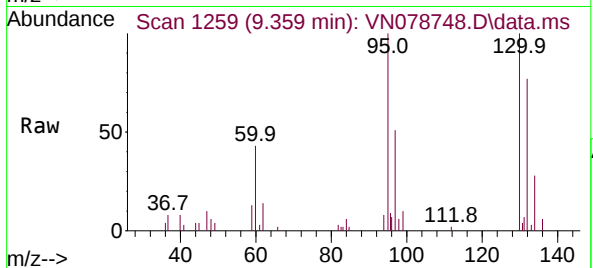
Tgt Ion: 62 Resp: 25416
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37
Trichloroethene
Concen: 2.532 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

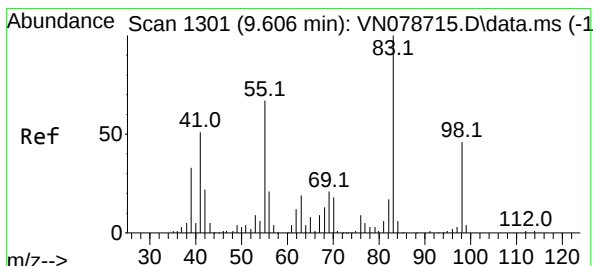
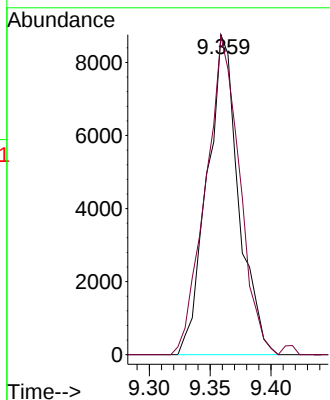
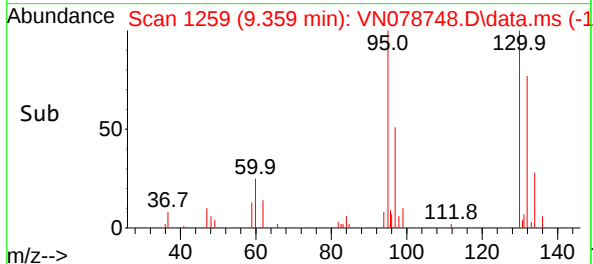
Instrument : MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:130 Resp: 1585
Ion Ratio Lower Upper
130 100
95 99.6 78.2 117.4

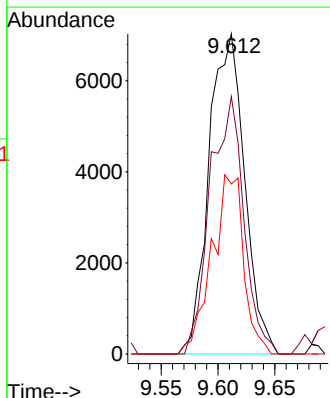
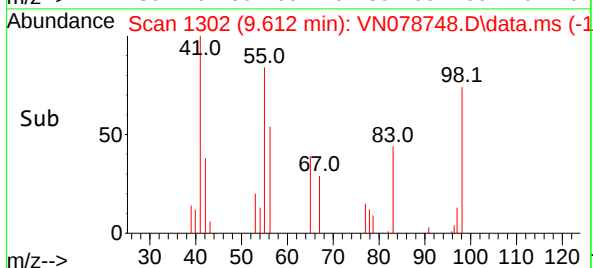
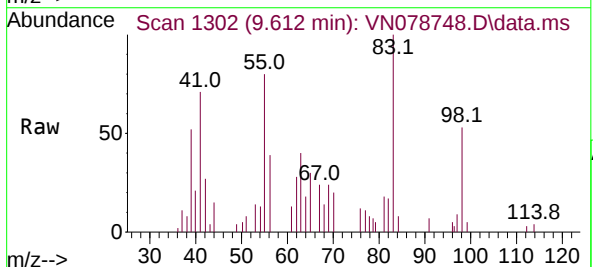
Manual Integrations
APPROVED

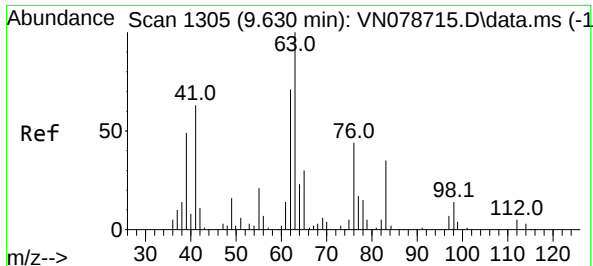
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#38
Methylcyclohexane
Concen: 2.002 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

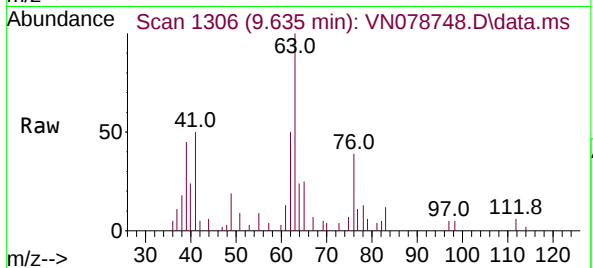
Tgt Ion: 83 Resp: 15281
Ion Ratio Lower Upper
83 100
55 47.2 34.0 102.0
98 50.1 23.0 69.0





#39
1,2-Dichloropropane
Concen: 2.655 ug/l
RT: 9.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

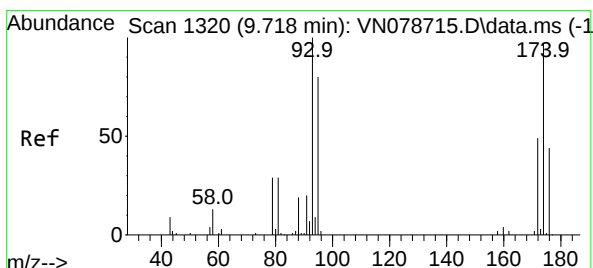
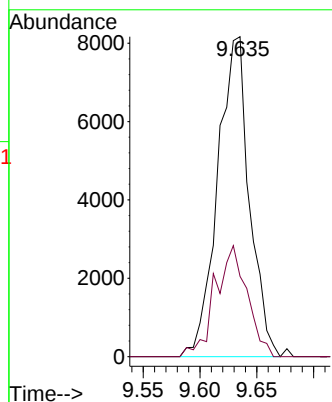
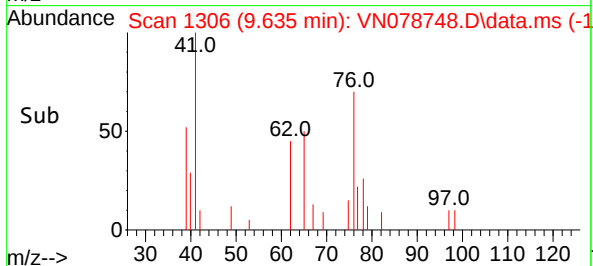
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 63 Resp: 1588
Ion Ratio Lower Upper
63 100
65 25.1 27.4 41.2

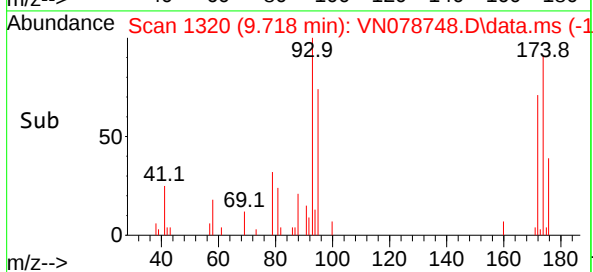
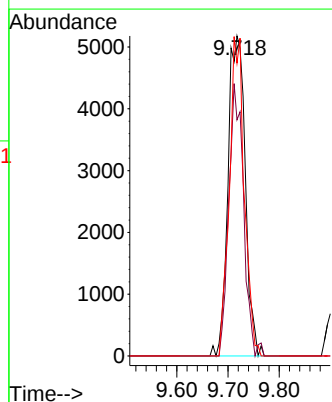
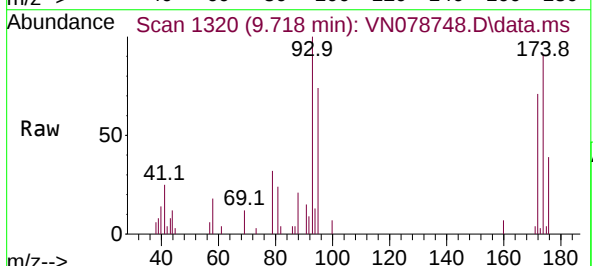
Manual Integrations
APPROVED

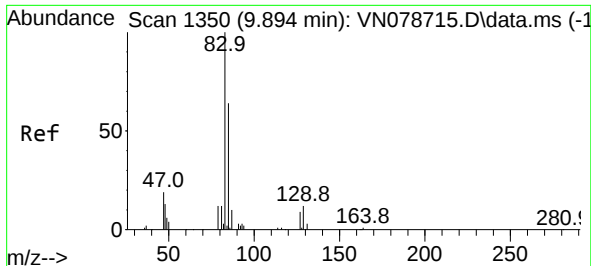
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#40
Dibromomethane
Concen: 2.914 ug/l m
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

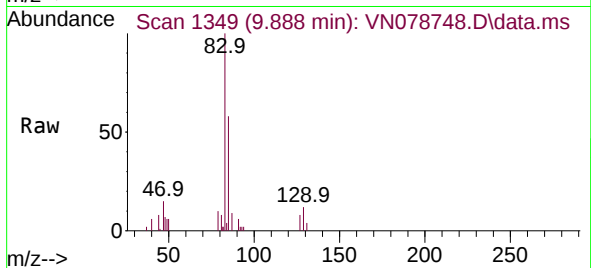
Tgt Ion: 93 Resp: 12063
Ion Ratio Lower Upper
93 100
95 71.9 0.0 167.8
174 87.2 0.0 180.8





#41
Bromodichloromethane
Concen: 2.808 ug/l m
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

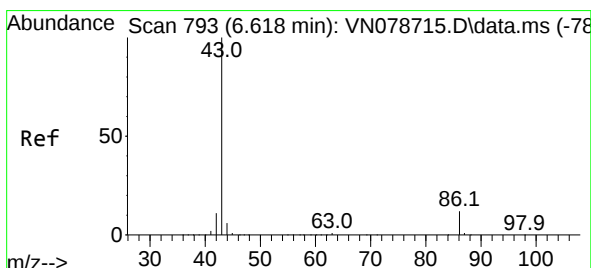
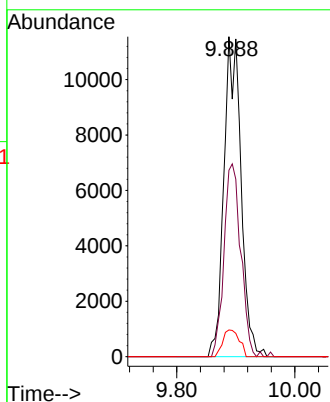
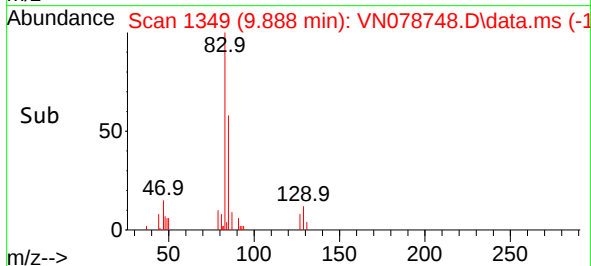
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 83 Resp: 2324
Ion Ratio Lower Upper
83 100
85 58.3 54.1 81.1
127 8.3 7.8 11.6

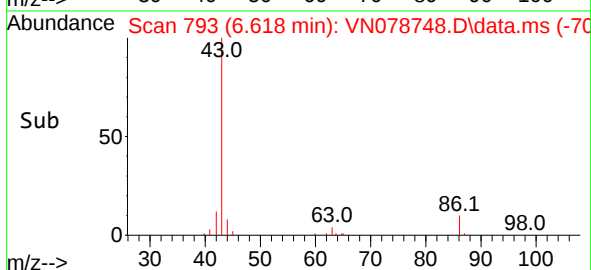
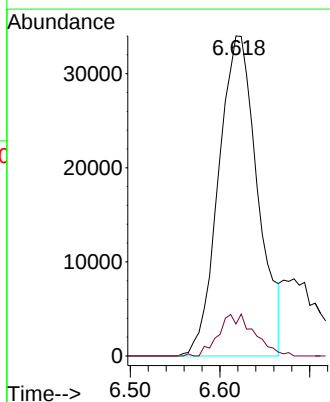
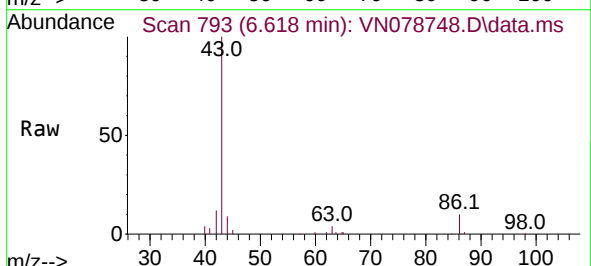
Manual Integrations
APPROVED

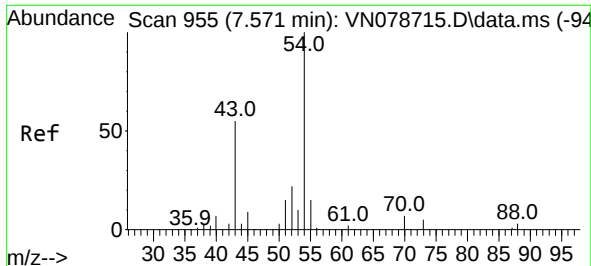
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#42
Vinyl Acetate
Concen: 10.881 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 43 Resp: 102723
Ion Ratio Lower Upper
43 100
86 6.1 9.4 14.0#





#43

Ethyl Acetate

Concen: 2.566 ug/l m

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 15580

Ion Ratio Lower Upper

43 100

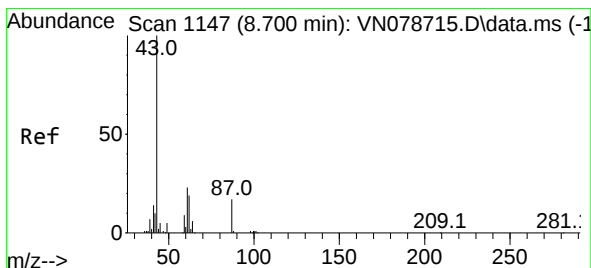
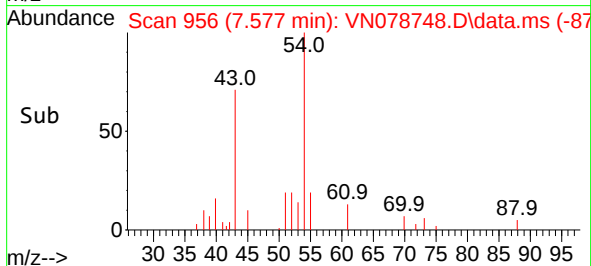
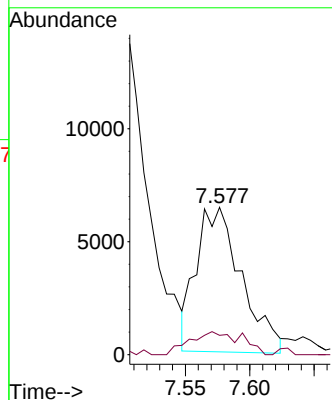
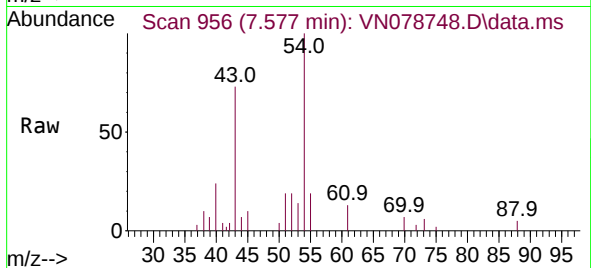
45 14.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#44

Isopropyl Acetate

Concen: 2.954 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VN078748.D

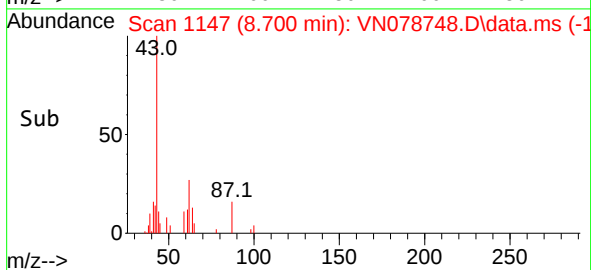
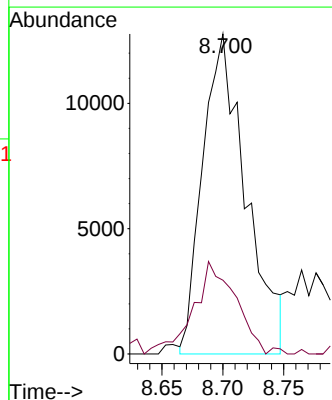
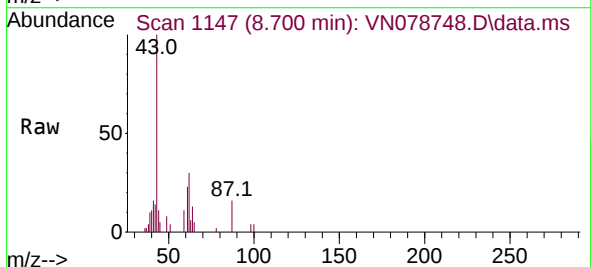
Acq: 03 Aug 2023 13:19

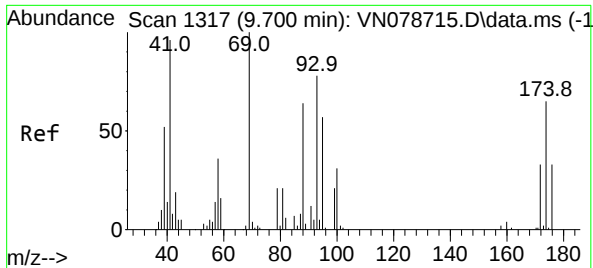
Tgt Ion: 43 Resp: 31459

Ion Ratio Lower Upper

43 100

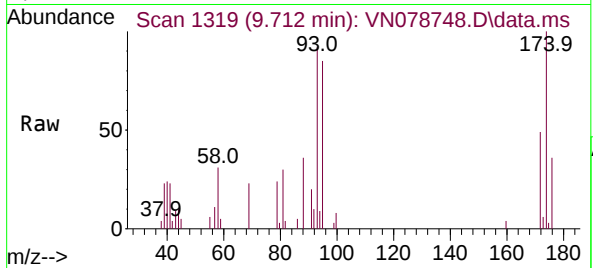
61 28.2 23.0 34.6





#45
1,4-Dioxane
Concen: 44.155 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

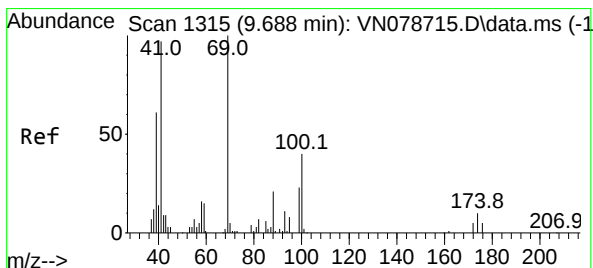
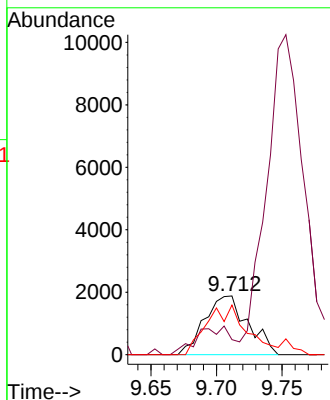
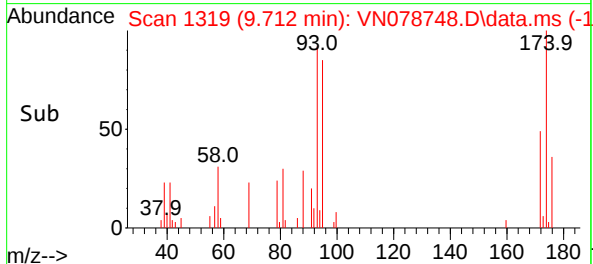
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



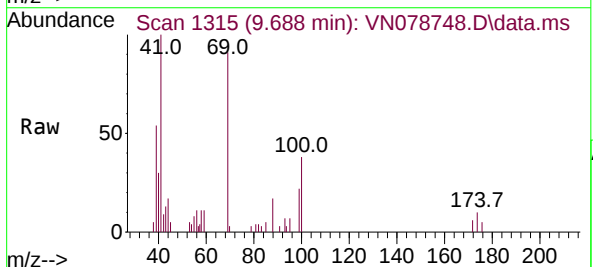
Tgt Ion: 88 Resp: 4320
Ion Ratio Lower Upper
88 100
43 10.0 19.0 28.6
58 39.5 48.2 72.2

Manual Integrations
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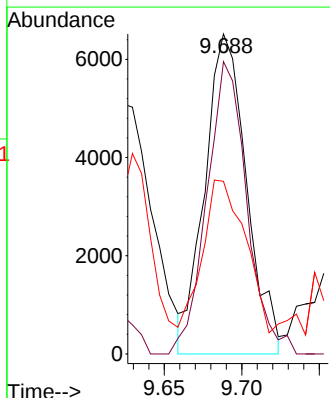
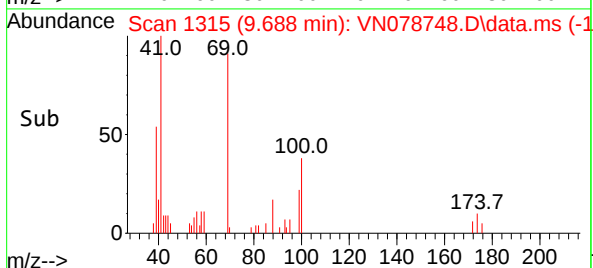
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

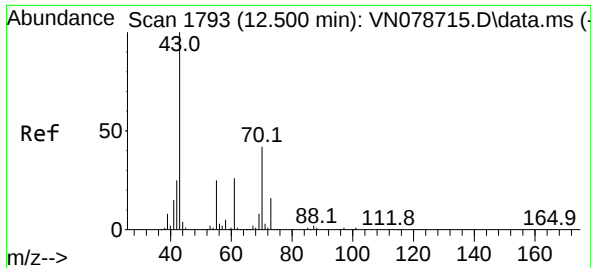


#46
Methyl methacrylate
Concen: 2.502 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19



Tgt Ion: 41 Resp: 12205
Ion Ratio Lower Upper
41 100
69 91.9 49.0 147.0
39 48.2 31.6 94.8





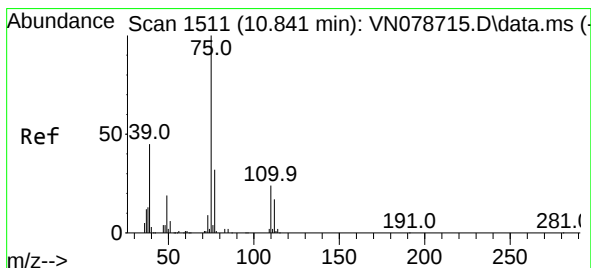
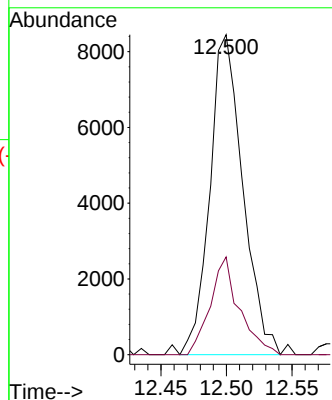
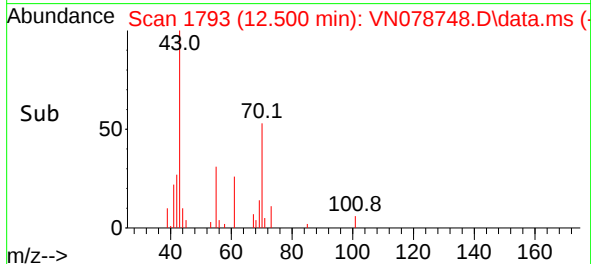
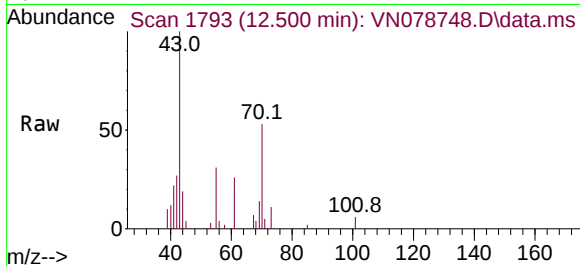
#47
n-amy1 Acetate
Concen: 1.801 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 14775
Ion Ratio Lower Upper
43 100
55 27.0 21.5 32.3

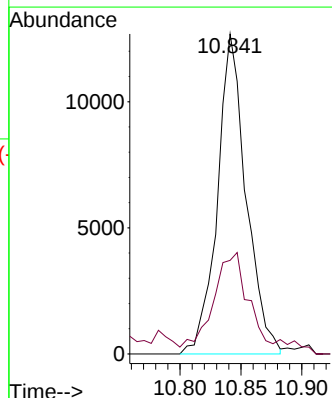
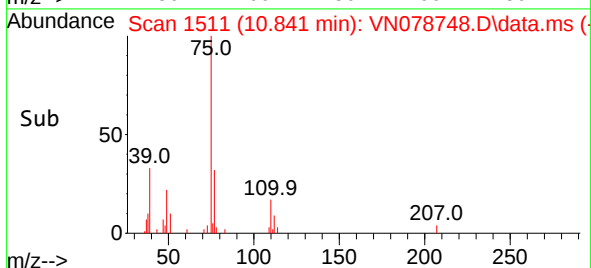
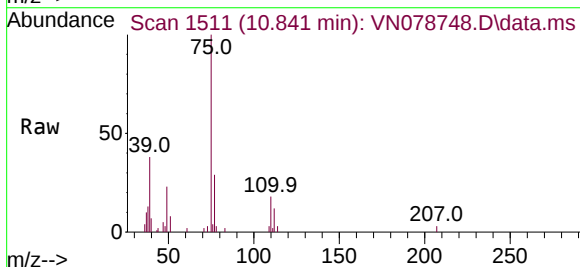
Manual Integrations
APPROVED

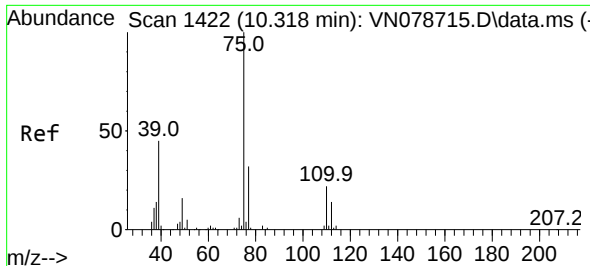
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#48
t-1,3-Dichloropropene
Concen: 2.361 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

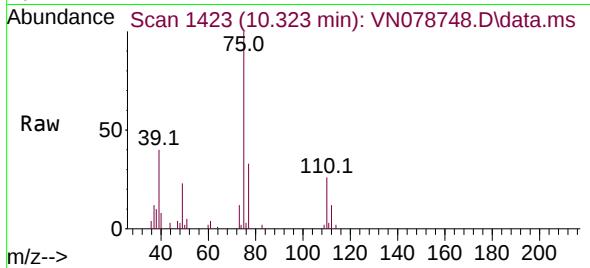
Tgt Ion: 75 Resp: 20856
Ion Ratio Lower Upper
75 100
77 27.1 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 2.396 ug/l
 RT: 10.323 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

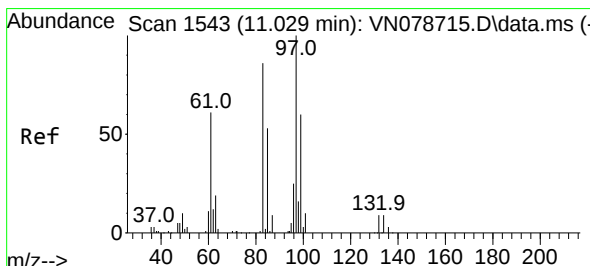
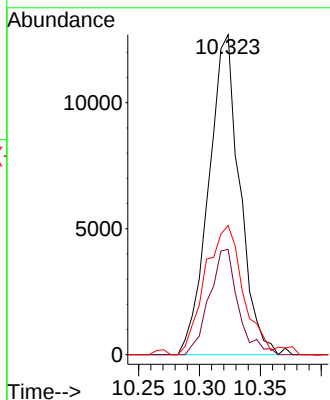
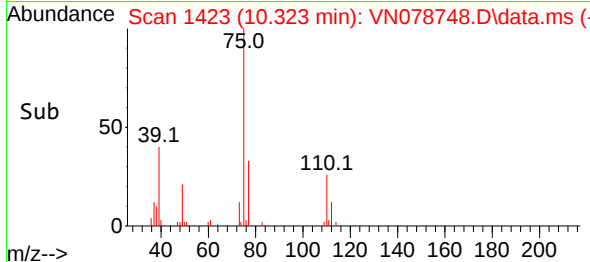
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023



Tgt Ion: 75 Resp: 2248
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.0 36.0
 39 40.4 35.1 52.7

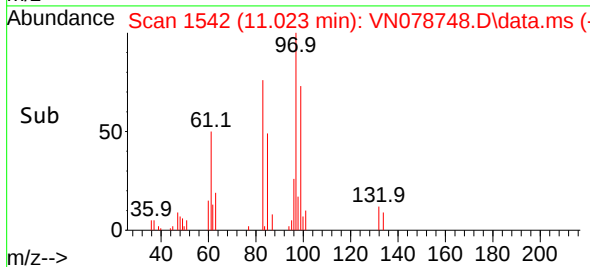
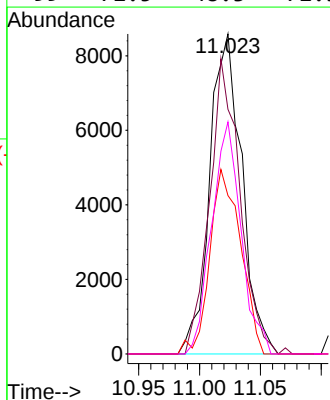
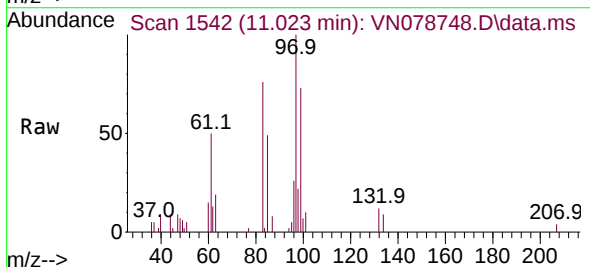
Manual Integrations
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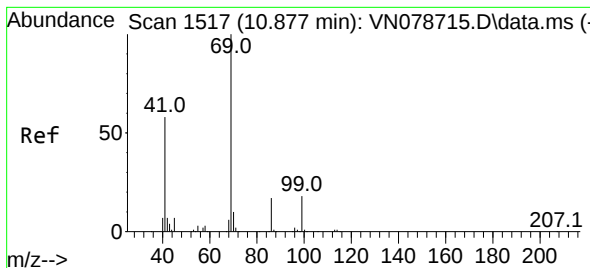
Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#50
 1,1,2-Trichloroethane
 Concen: 2.681 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

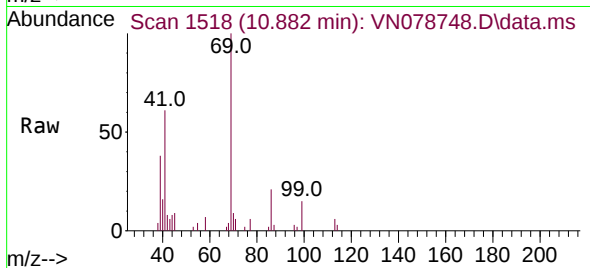
Tgt Ion: 97 Resp: 15709
 Ion Ratio Lower Upper
 97 100
 83 76.5 66.8 100.2
 85 49.5 42.5 63.7
 99 72.5 48.3 72.5#





#51
Ethyl methacrylate
Concen: 1.979 ug/l
RT: 10.882 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

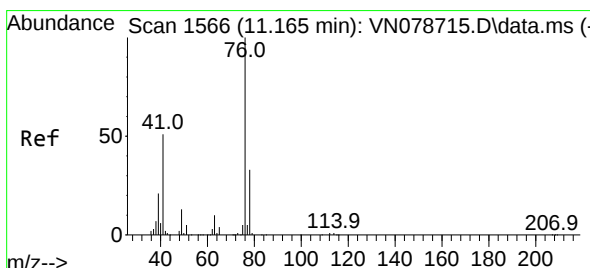
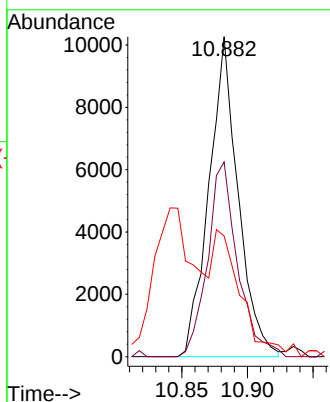
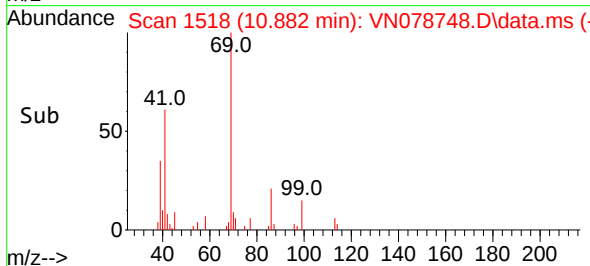
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 69 Resp: 15870
Ion Ratio Lower Upper
69 100
41 60.8 26.0 78.0
39 34.0 16.3 48.9

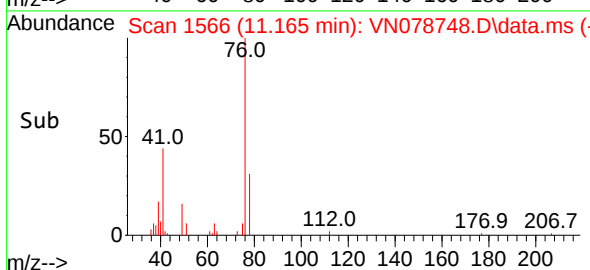
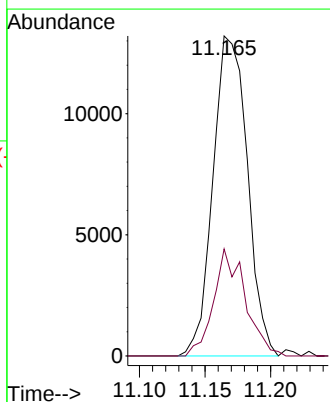
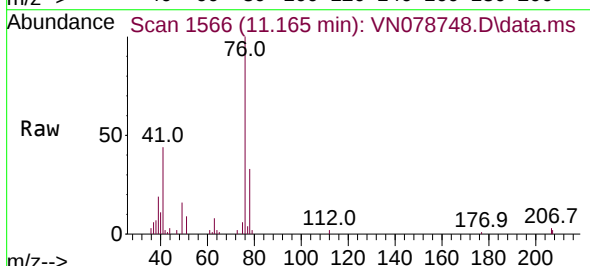
Manual Integrations
APPROVED

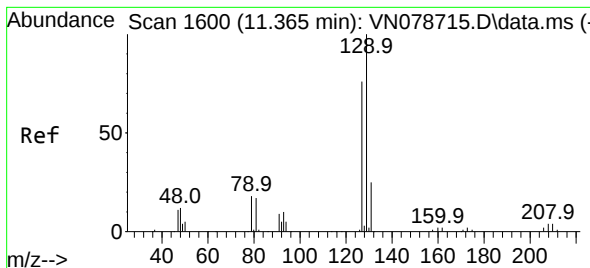
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#52
1,3-Dichloropropane
Concen: 2.286 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 76 Resp: 24076
Ion Ratio Lower Upper
76 100
78 30.8 0.0 66.2





#53

Dibromochloromethane

Concen: 2.478 ug/l

RT: 11.370 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:129 Resp: 1640

Ion Ratio Lower Upper

129 100

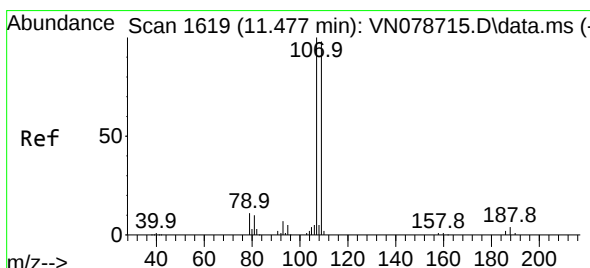
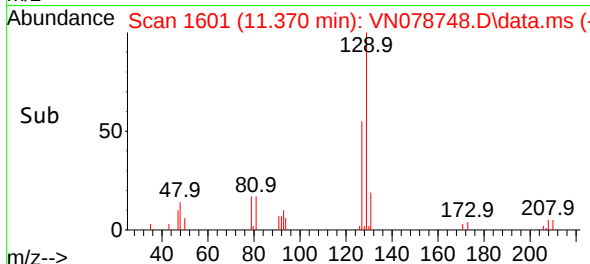
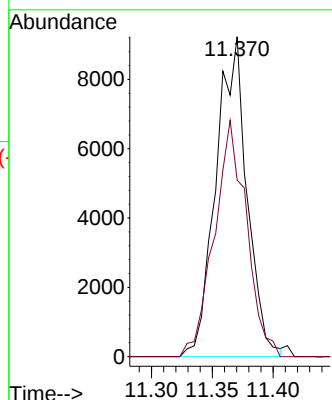
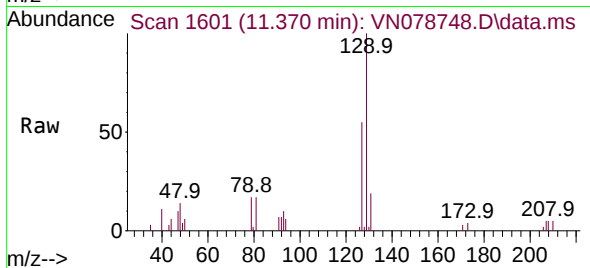
127 76.4 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#54

1,2-Dibromoethane

Concen: 2.409 ug/l

RT: 11.476 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VN078748.D

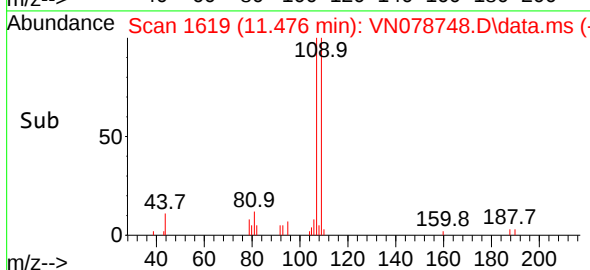
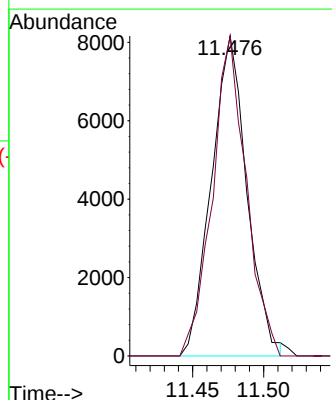
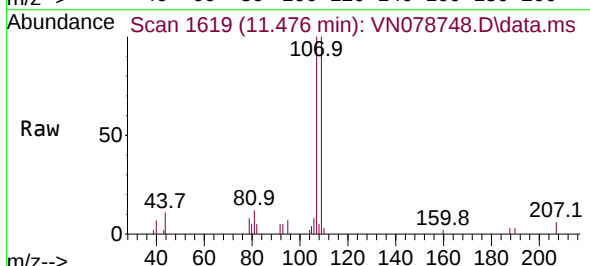
Acq: 03 Aug 2023 13:19

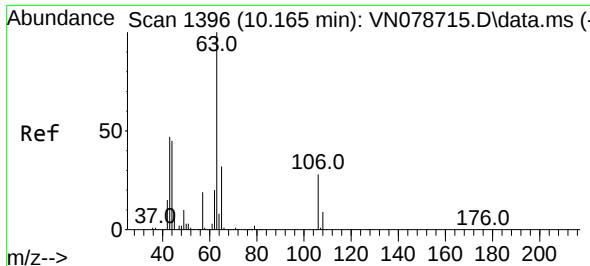
Tgt Ion:107 Resp: 14176

Ion Ratio Lower Upper

107 100

109 95.3 74.6 112.0





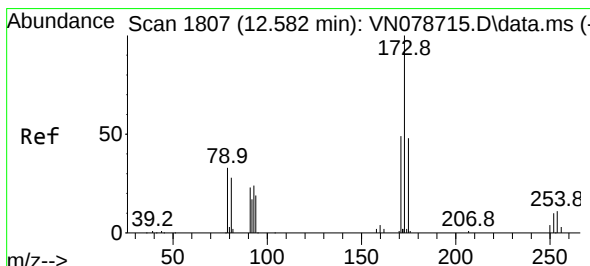
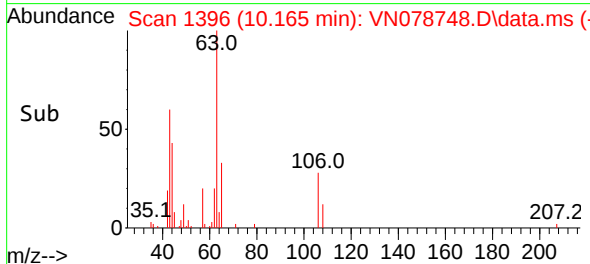
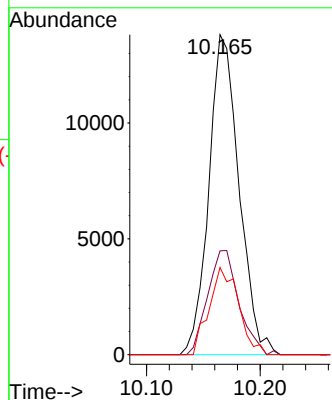
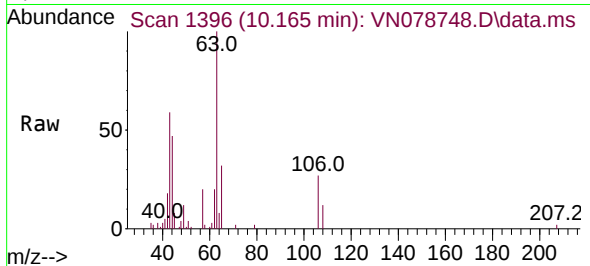
#55
2-Chloroethyl vinyl ether
Concen: 9.972 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion: 63 Resp: 25494
Ion Ratio Lower Upper
63 100
65 33.4 26.3 39.5
106 26.7 23.8 35.6

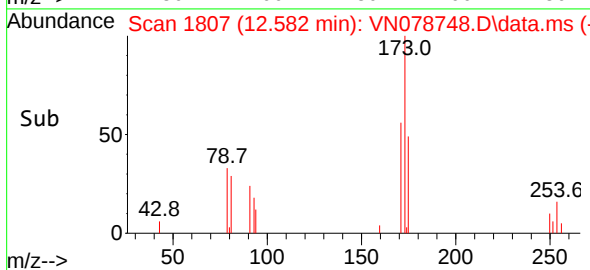
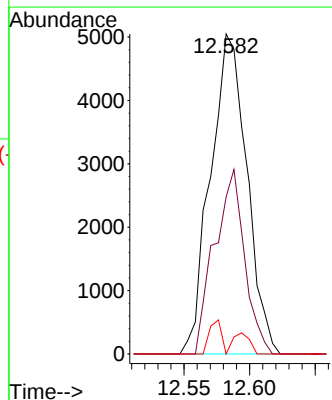
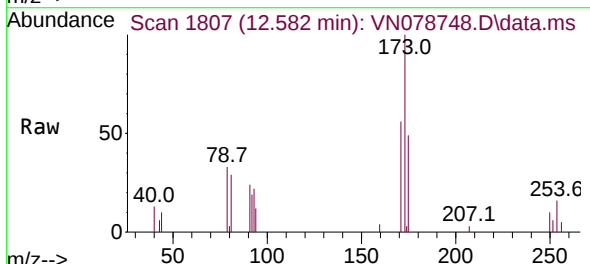
Manual Integrations
APPROVED

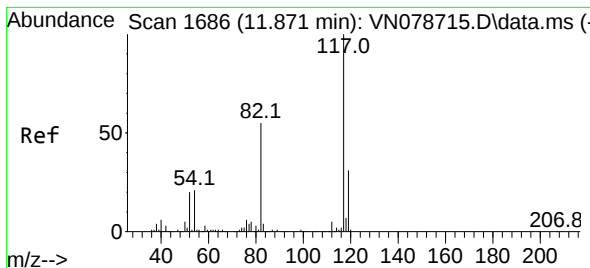
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#56
Bromoform
Concen: 2.246 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:173 Resp: 9729
Ion Ratio Lower Upper
173 100
175 47.7 40.7 61.1
254 3.0 6.5 9.7#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.876 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

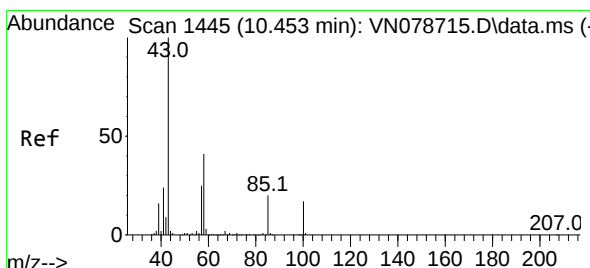
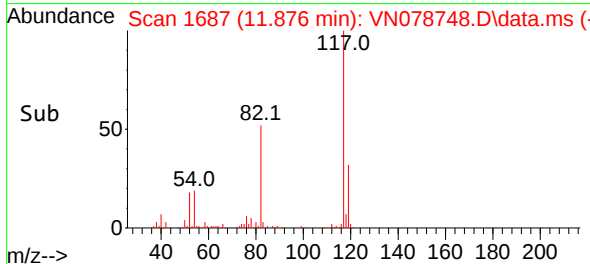
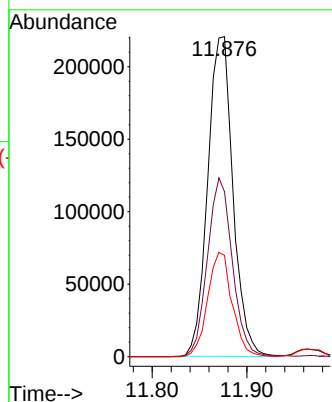
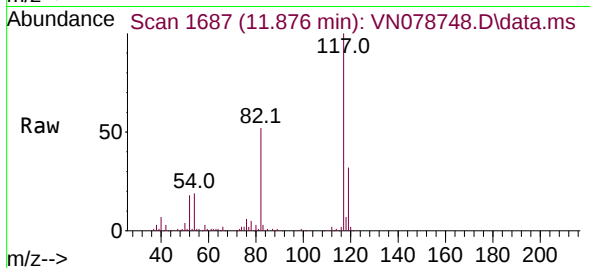
MDL-WATER-03-QT3-2023

Tgt Ion:	117	Resp:	409258
Ion Ratio	Lower	Upper	
117	100		
82	55.1	43.9	65.9
119	31.7	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#58

4-Methyl-2-Pentanone

Concen: 11.415 ug/l

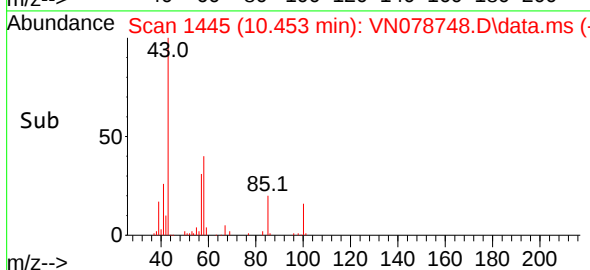
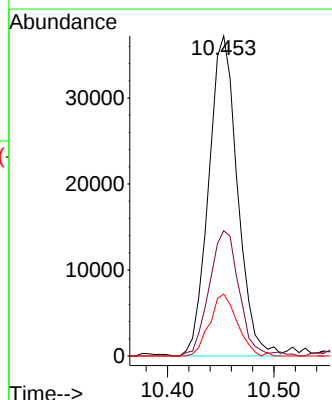
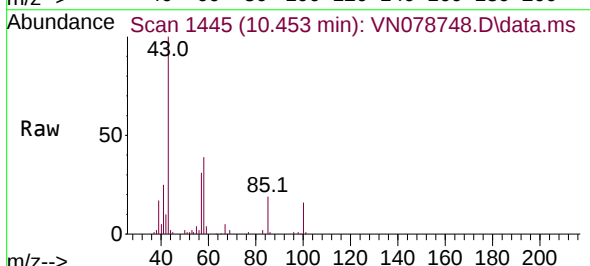
RT: 10.453 min Scan# 1445

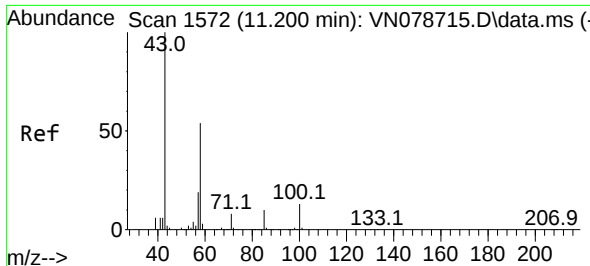
Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

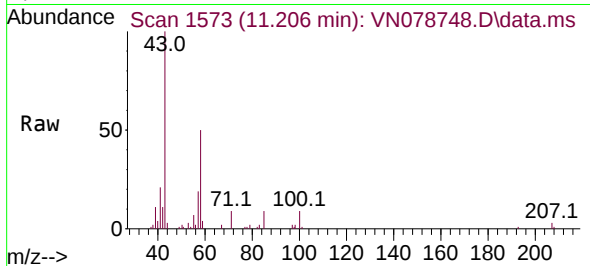
Tgt Ion:	43	Resp:	69927
Ion Ratio	Lower	Upper	
43	100		
58	40.1	32.6	48.8
85	18.4	16.2	24.2





#59
2-Hexanone
Concen: 10.181 ug/l
RT: 11.206 min Scan# 11206
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

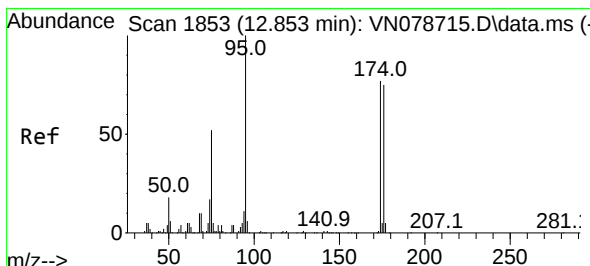
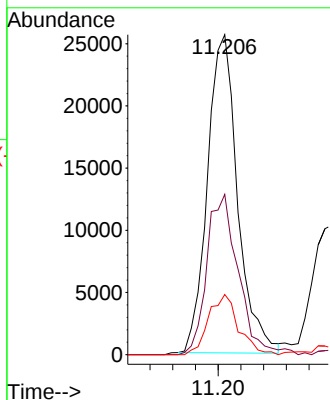
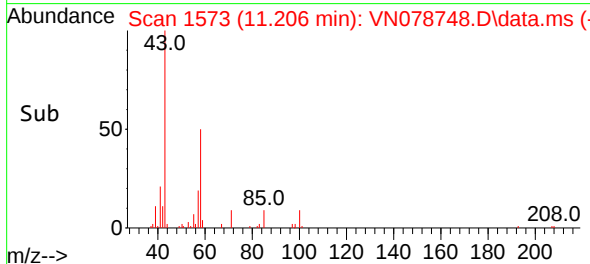
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 43 Resp: 47223
Ion Ratio Lower Upper
43 100
58 51.7 45.9 68.9
57 18.8 15.8 23.6

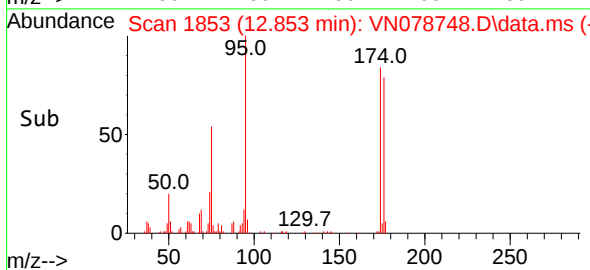
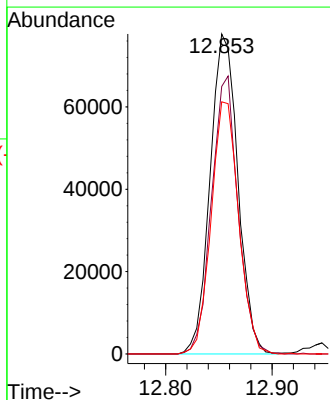
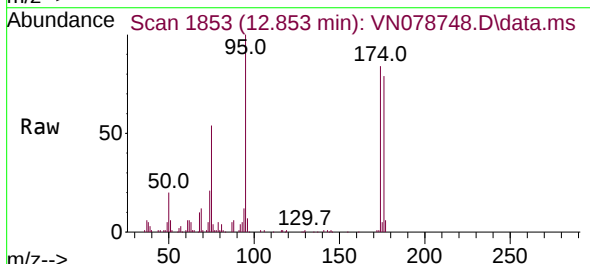
Manual Integrations
APPROVED

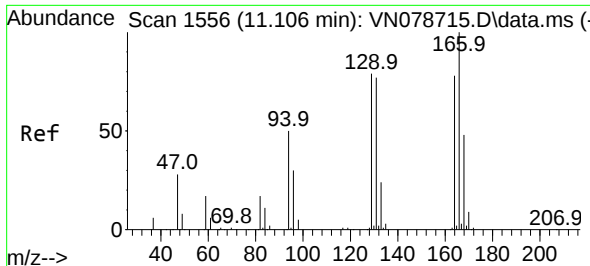
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#60
4-Bromofluorobenzene
Concen: 23.001 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

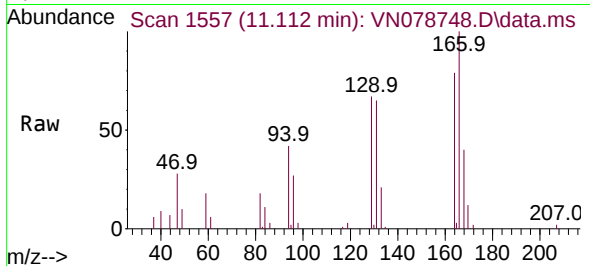
Tgt Ion: 95 Resp: 141073
Ion Ratio Lower Upper
95 100
174 82.3 61.7 92.5
176 77.9 58.1 87.1





#61
Tetrachloroethene
Concen: 2.594 ug/l
RT: 11.112 min Scan# 1156
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

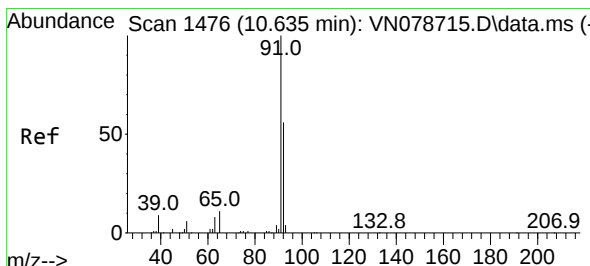
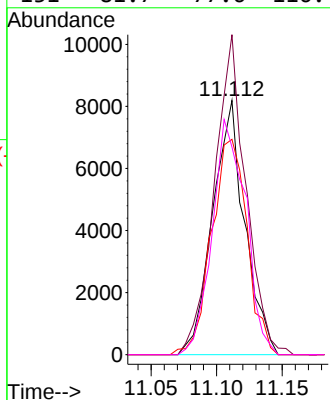
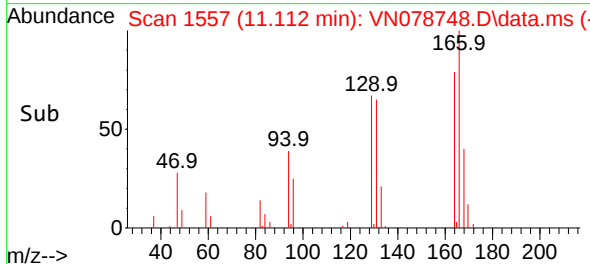
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:164 Resp: 13962
Ion Ratio Lower Upper
164 100
166 125.9 99.1 148.7
129 84.7 85.6 128.4
131 81.7 77.6 116.4

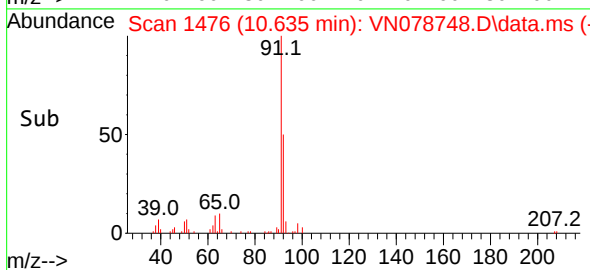
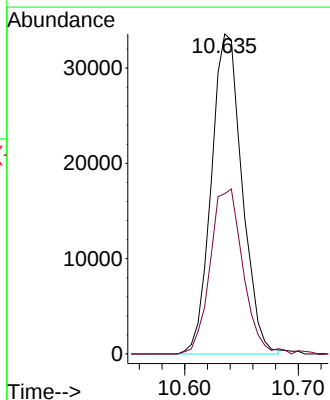
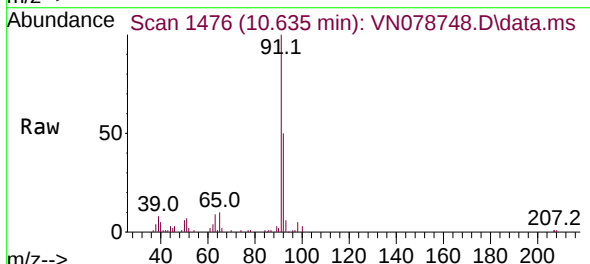
Manual Integrations
APPROVED

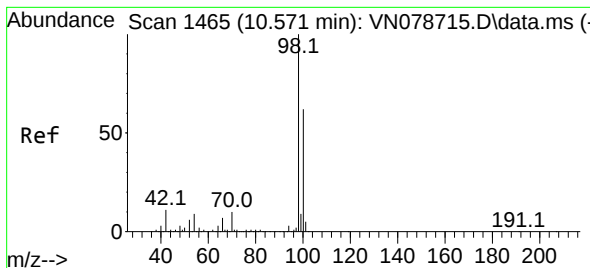
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#62
Toluene
Concen: 2.571 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 91 Resp: 63297
Ion Ratio Lower Upper
91 100
92 54.1 45.2 67.8





#63

Toluene-d8

Concen: 30.837 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 98 Resp: 623434

Ion Ratio Lower Upper

98 100

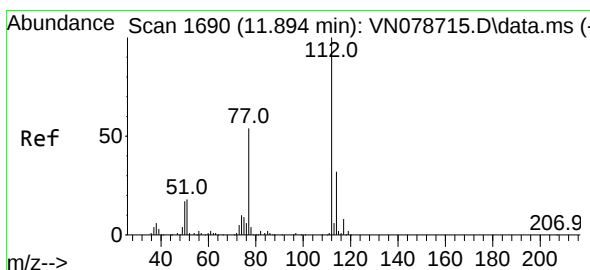
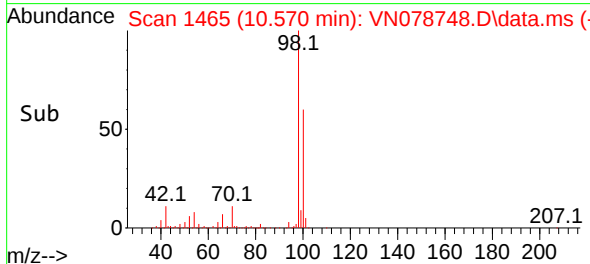
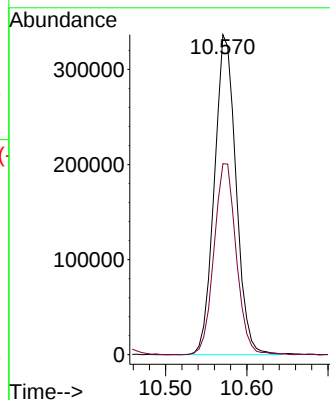
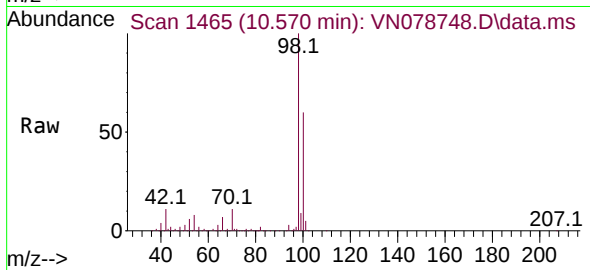
100 61.4 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#64

Chlorobenzene

Concen: 2.565 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN078748.D

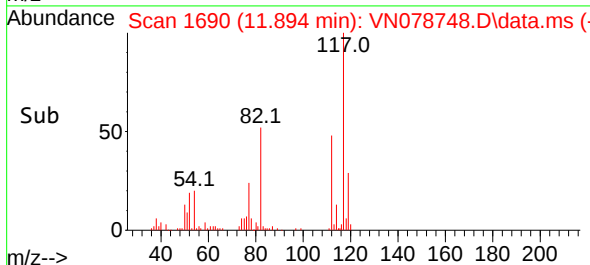
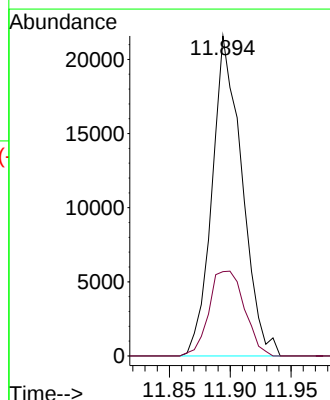
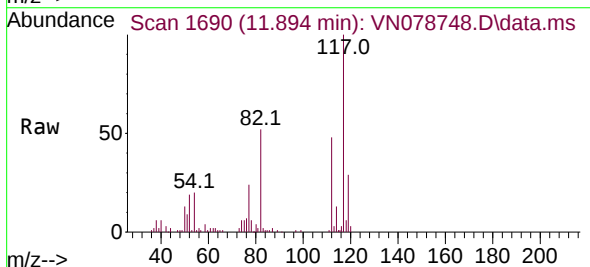
Acq: 03 Aug 2023 13:19

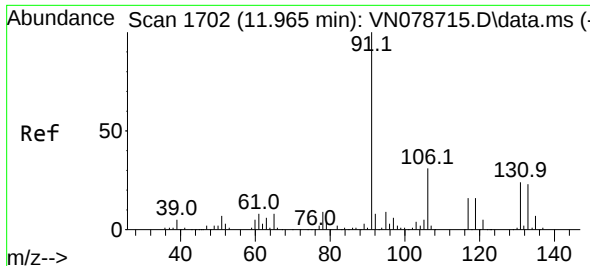
Tgt Ion:112 Resp: 36870

Ion Ratio Lower Upper

112 100

114 26.4 25.9 38.9





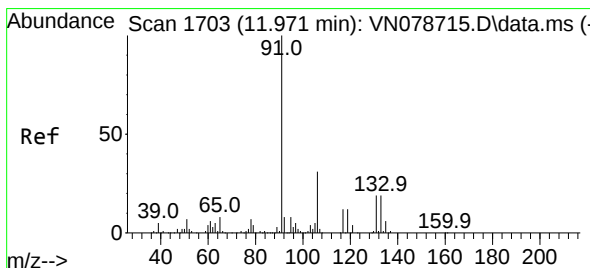
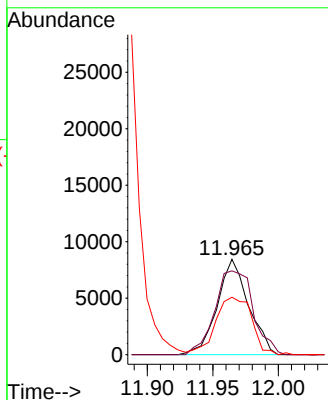
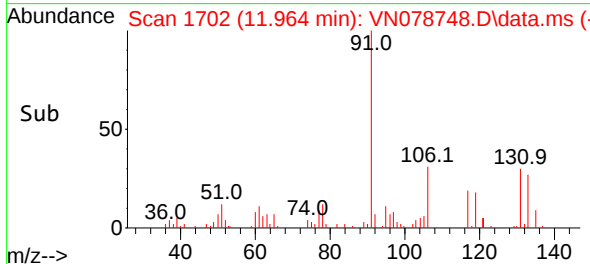
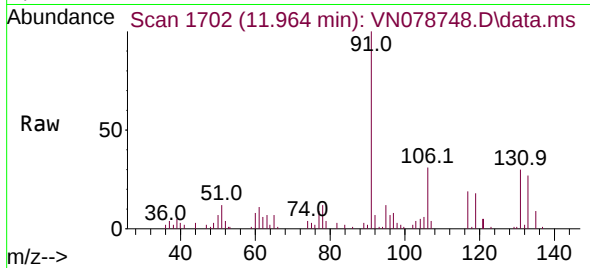
#65
1,1,1,2-Tetrachloroethane
Concen: 2.481 ug/l
RT: 11.964 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:131 Resp: 14064
Ion Ratio Lower Upper
131 100
133 107.8 0.0 191.8
119 69.3 0.0 132.0

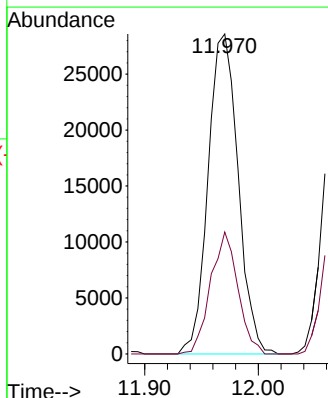
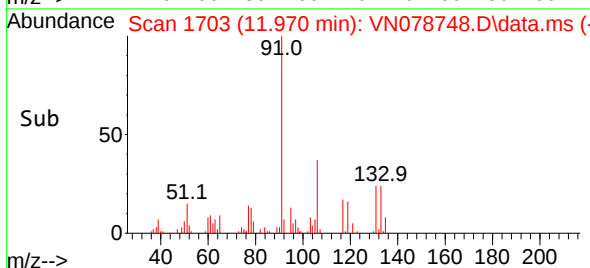
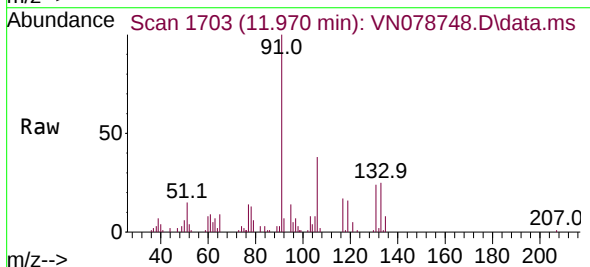
Manual Integrations
APPROVED

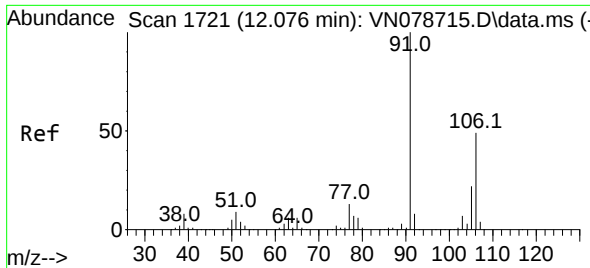
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#66
Ethyl Benzene
Concen: 2.114 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 91 Resp: 52459
Ion Ratio Lower Upper
91 100
106 38.1 25.6 38.4





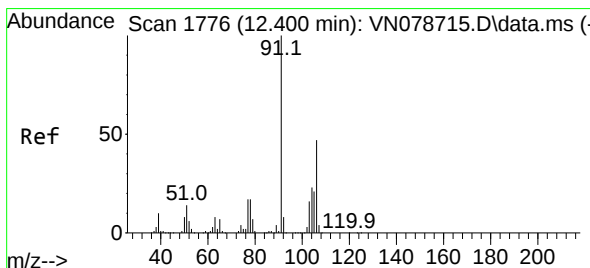
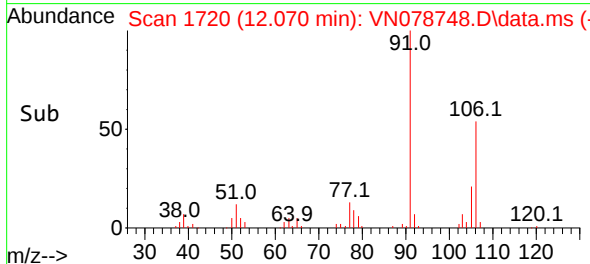
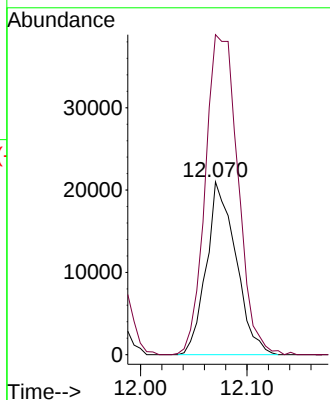
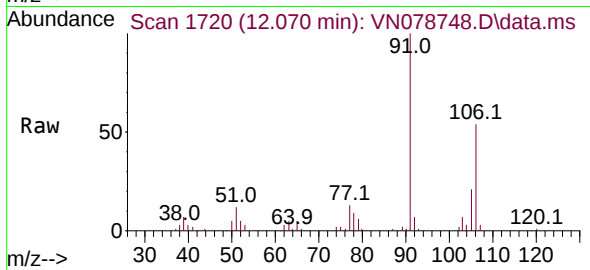
#67
m/p-Xylenes
Concen: 4.264 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:106 Resp: 40415
Ion Ratio Lower Upper
106 100
91 204.8 162.5 243.7

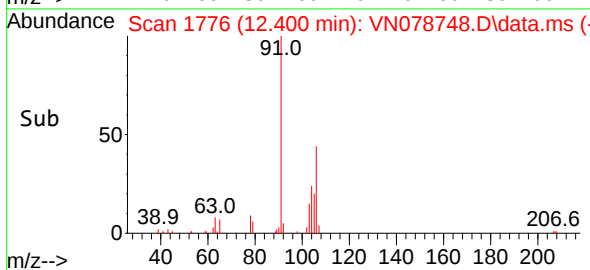
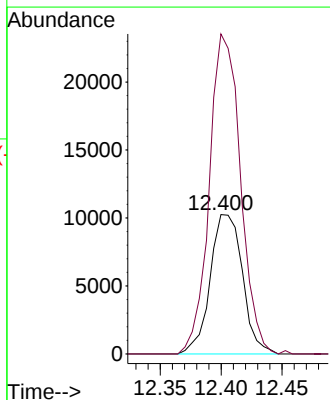
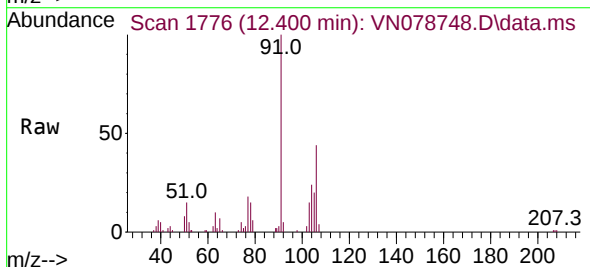
Manual Integrations
APPROVED

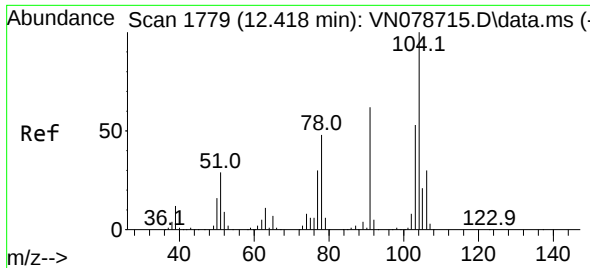
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#68
o-Xylene
Concen: 1.964 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:106 Resp: 18939
Ion Ratio Lower Upper
106 100
91 220.9 106.1 318.3





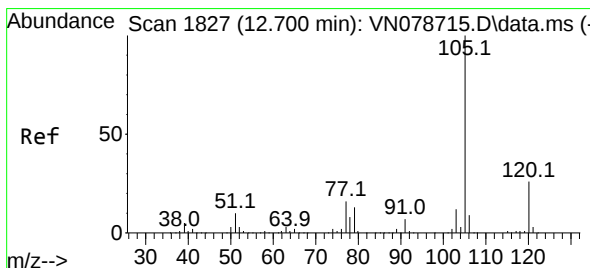
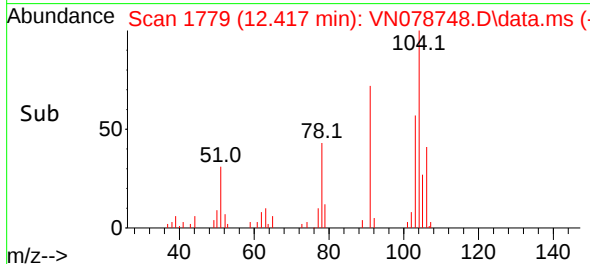
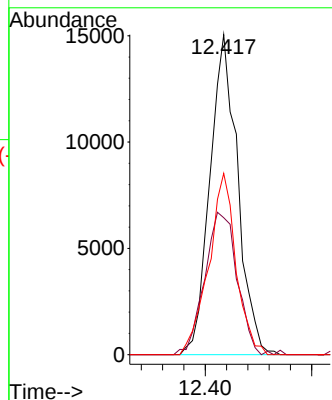
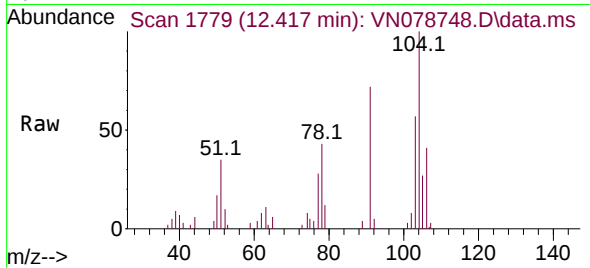
#69
Styrene
Concen: 1.753 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion:104 Resp: 2719
Ion Ratio Lower Upper
104 100
78 51.7 40.1 60.1
103 55.7 45.1 67.7

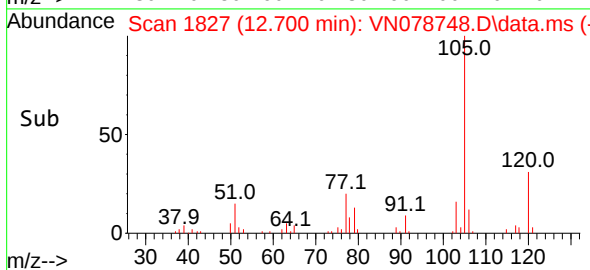
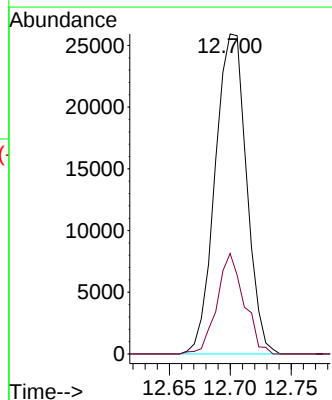
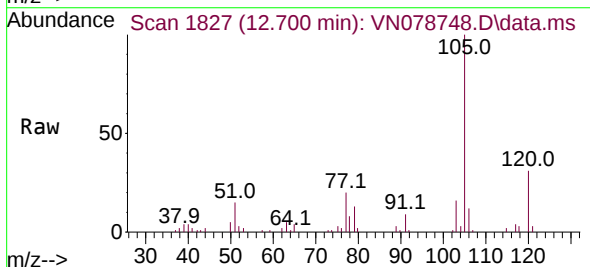
Manual Integrations
APPROVED

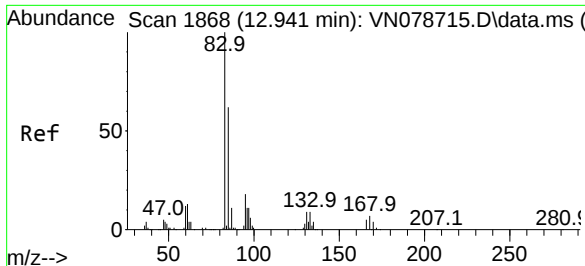
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#70
Isopropylbenzene
Concen: 1.948 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

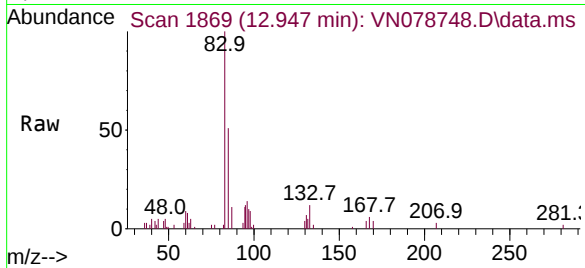
Tgt Ion:105 Resp: 46464
Ion Ratio Lower Upper
105 100
120 27.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.496 ug/l
RT: 12.947 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

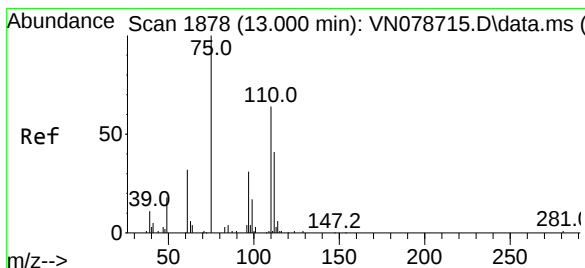
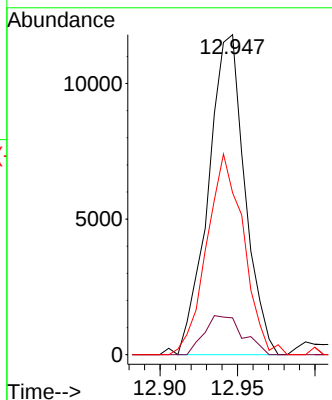
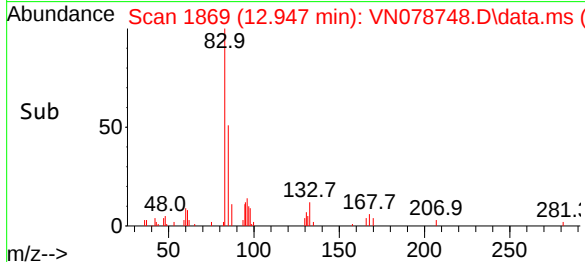
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 83 Resp: 1934
Ion Ratio Lower Upper
83 100
131 12.9 4.8 14.4
85 63.3 32.6 98.0

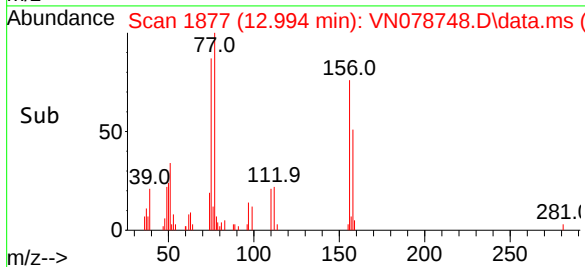
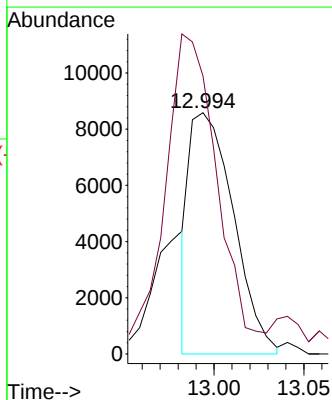
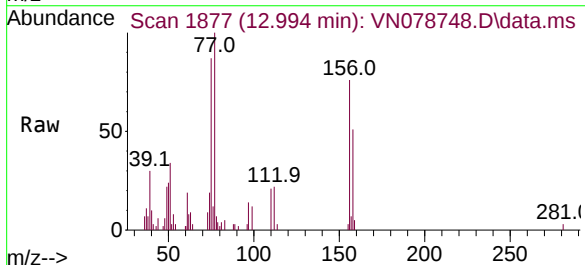
Manual Integrations
APPROVED

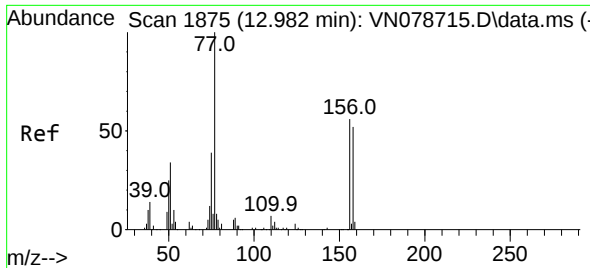
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#72
1,2,3-Trichloropropane
Concen: 2.254 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

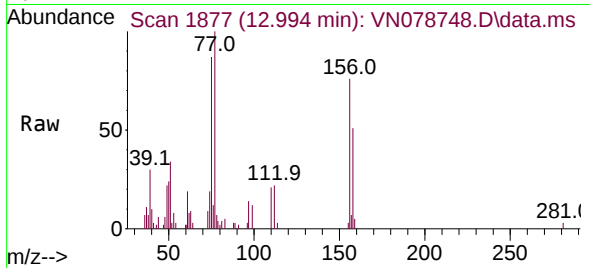
Tgt Ion: 75 Resp: 14654
Ion Ratio Lower Upper
75 100
77 157.9 0.0 387.4





#73
Bromobenzene
Concen: 2.252 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

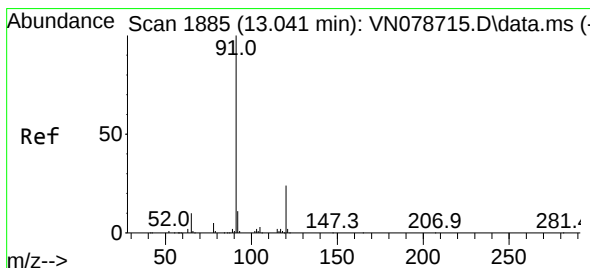
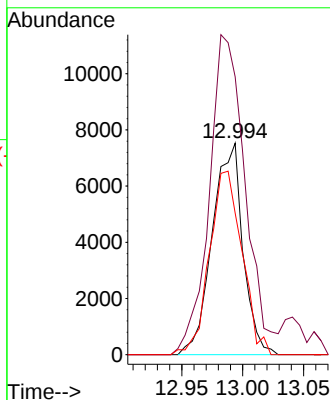
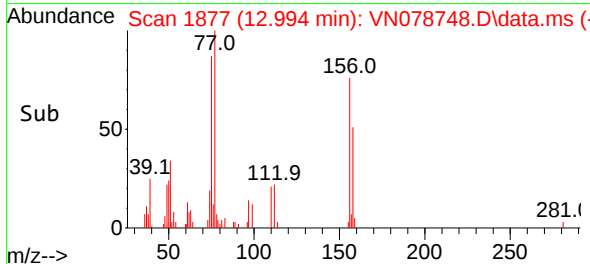
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:156 Resp: 1316
Ion Ratio Lower Upper
156 100
77 175.7 0.0 420.8
158 92.2 0.0 193.2

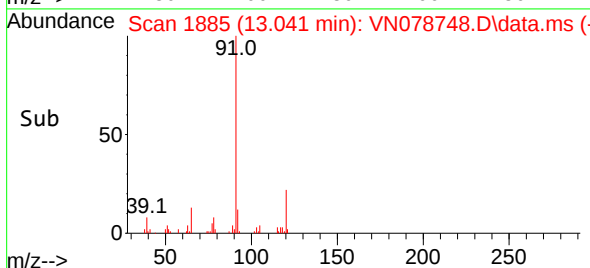
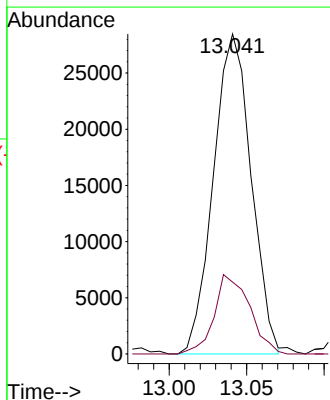
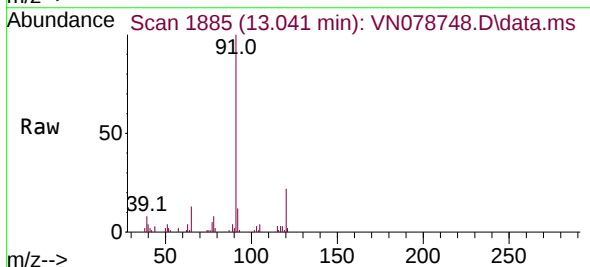
Manual Integrations
APPROVED

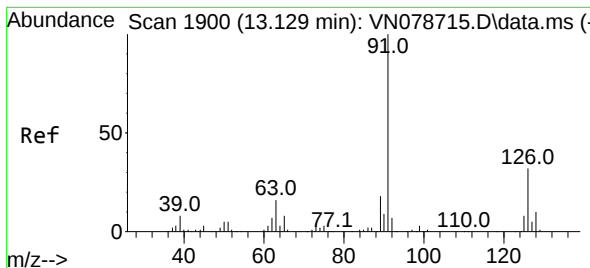
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#74
n-propylbenzene
Concen: 1.823 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 91 Resp: 48202
Ion Ratio Lower Upper
91 100
120 23.3 0.0 44.6





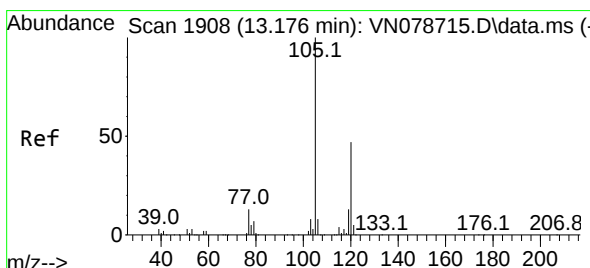
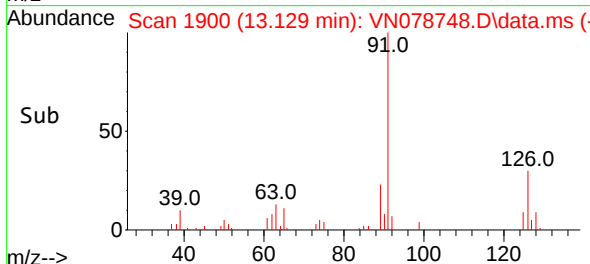
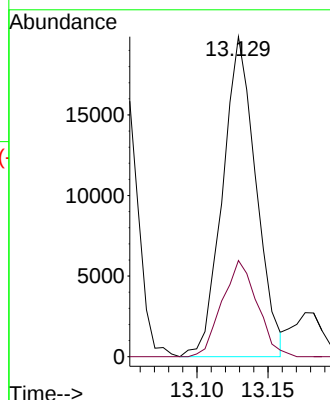
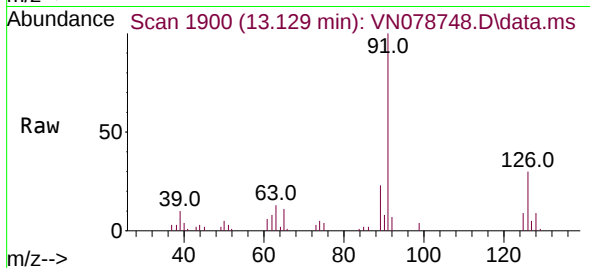
#75
2-Chlorotoluene
Concen: 1.780 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 3249
Ion Ratio Lower Upper
91 100
126 31.5 0.0 67.2

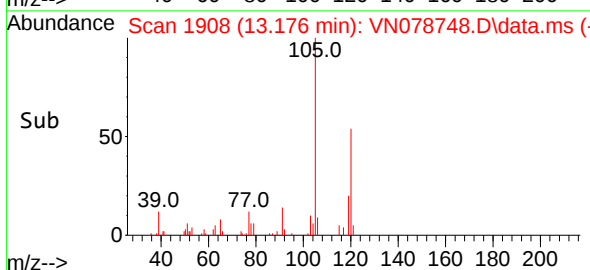
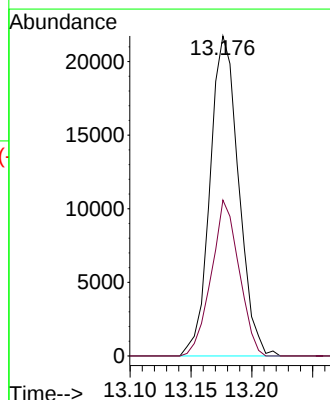
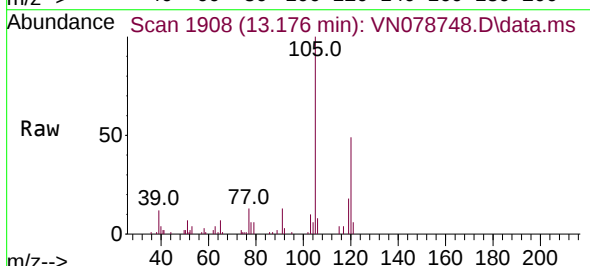
Manual Integrations
APPROVED

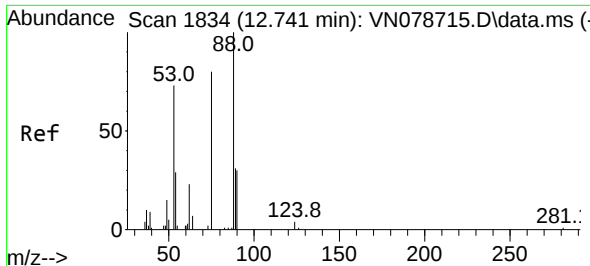
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#76
1,3,5-Trimethylbenzene
Concen: 1.668 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

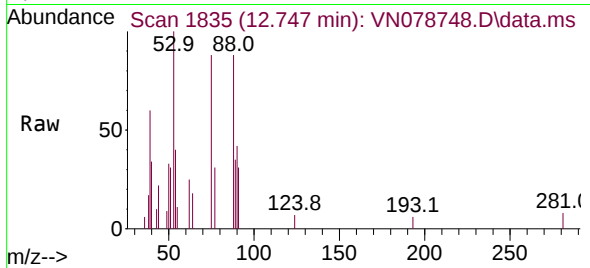
Tgt Ion:105 Resp: 35530
Ion Ratio Lower Upper
105 100
120 47.2 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 2.141 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

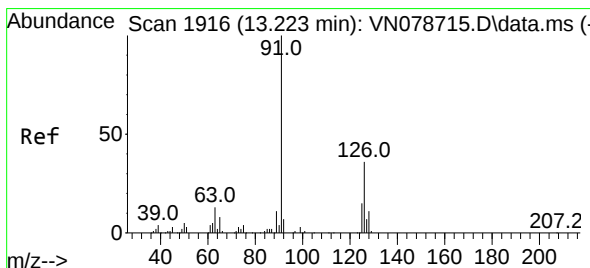
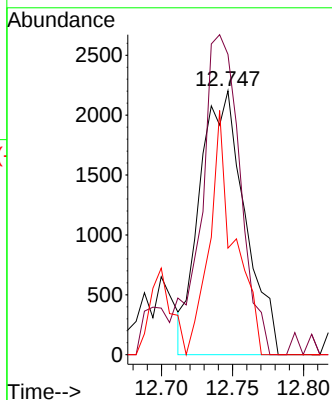
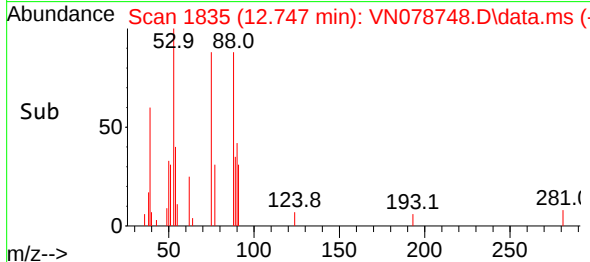
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion: 75 Resp: 486
Ion Ratio Lower Upper
75 100
53 113.8 41.6 124.9
89 40.4 25.1 75.4

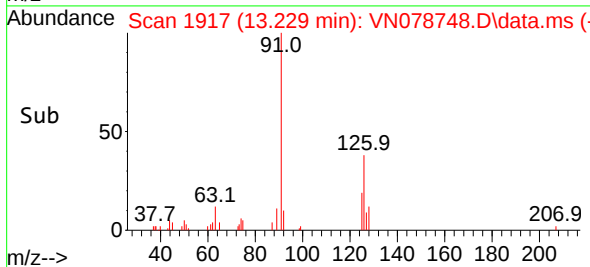
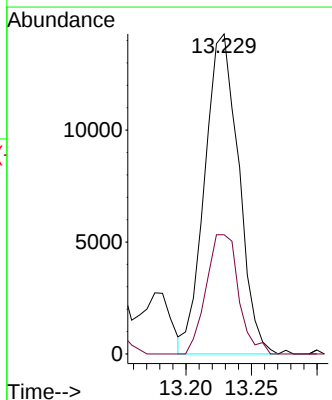
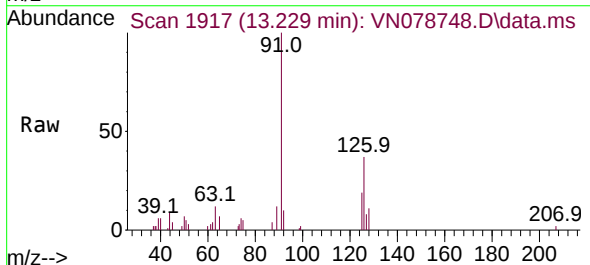
Manual Integrations
APPROVED

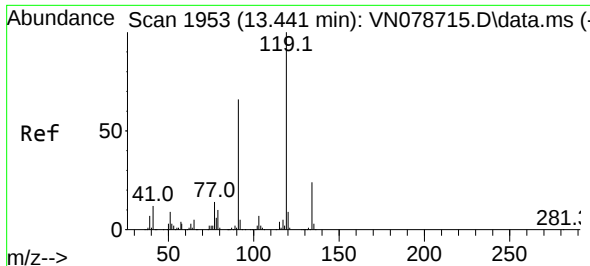
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#78
4-Chlorotoluene
Concen: 1.458 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

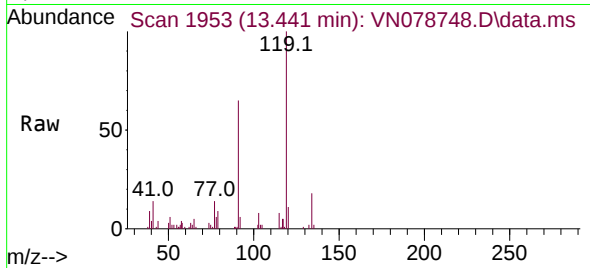
Tgt Ion: 91 Resp: 25710
Ion Ratio Lower Upper
91 100
126 35.6 0.0 68.8





#79
tert-butylbenzene
Concen: 1.732 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

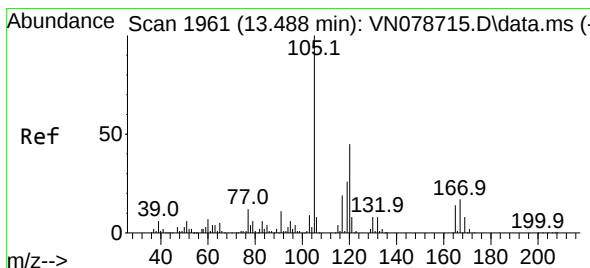
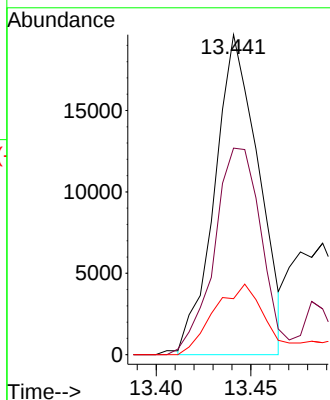
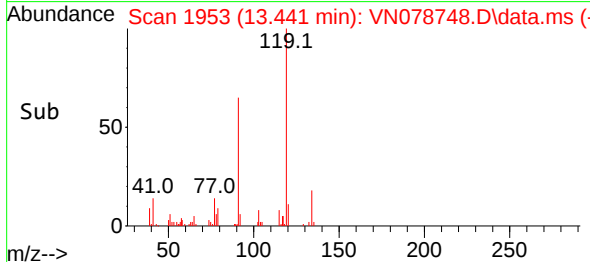
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023



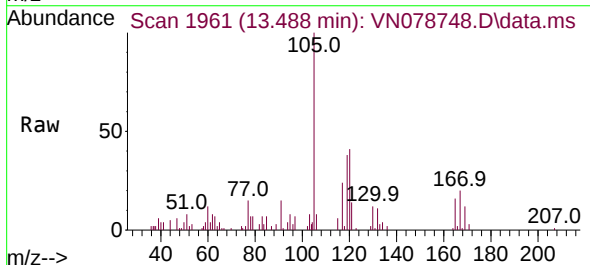
Tgt Ion:119 Resp: 3174
Ion Ratio Lower Upper
119 100
91 69.4 0.0 126.6
134 25.2 0.0 44.0

Manual Integrations
APPROVED

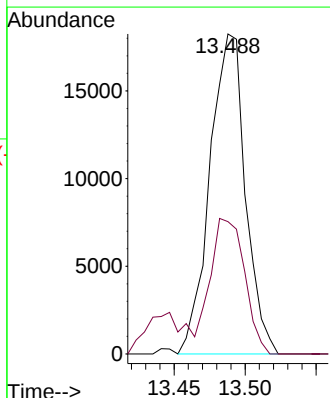
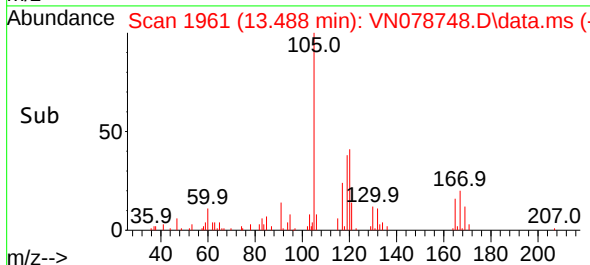
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

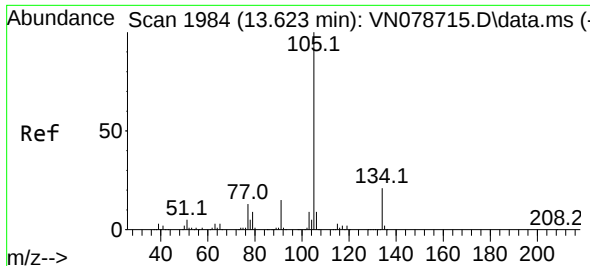


#80
1,2,4-Trimethylbenzene
Concen: 1.561 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19



Tgt Ion:105 Resp: 31746
Ion Ratio Lower Upper
105 100
120 40.9 0.0 88.2





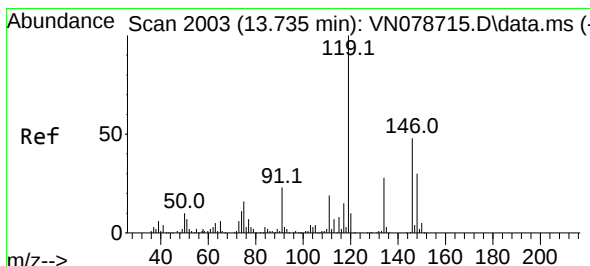
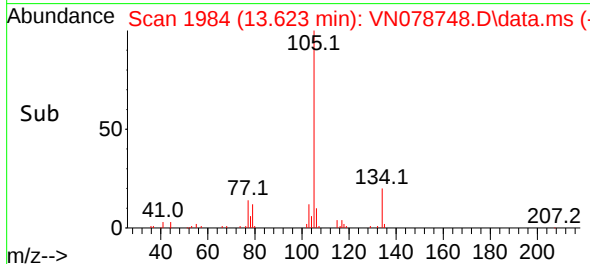
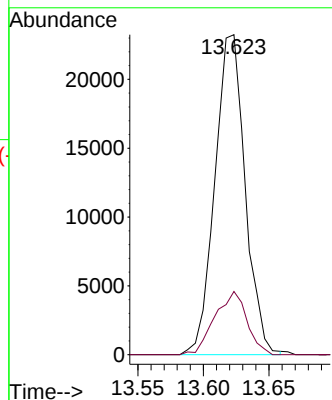
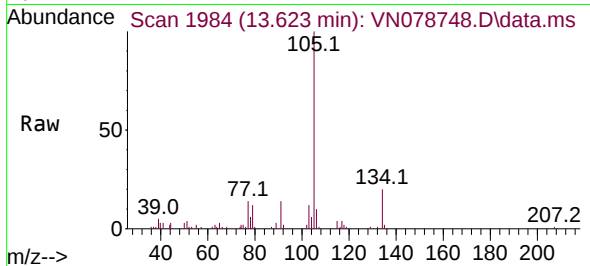
#81
 sec-Butylbenzene
 Concen: 1.589 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

Instrument : MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 3733
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 38.6

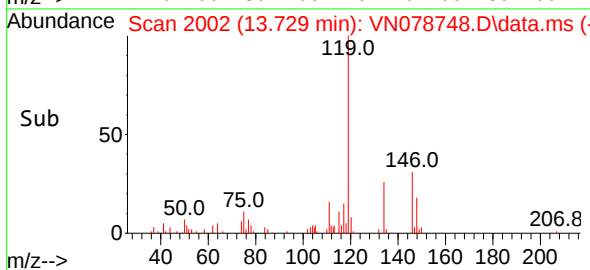
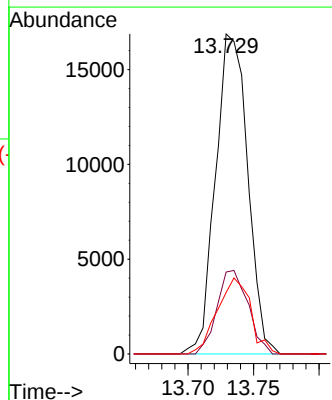
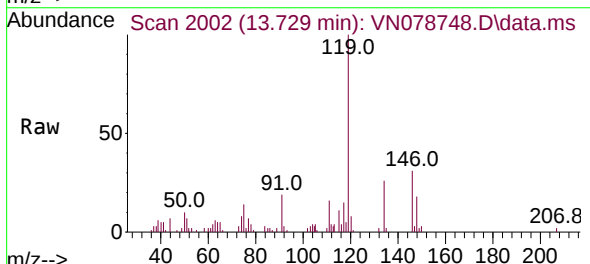
Manual Integrations
 APPROVED

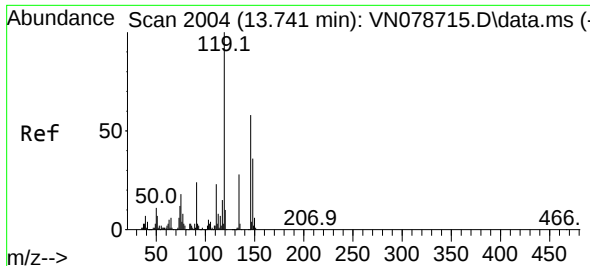
Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#82
 p-Isopropyltoluene
 Concen: 1.493 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN078748.D
 Acq: 03 Aug 2023 13:19

Tgt Ion:119 Resp: 28794
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.4
 91 24.6 0.0 48.2





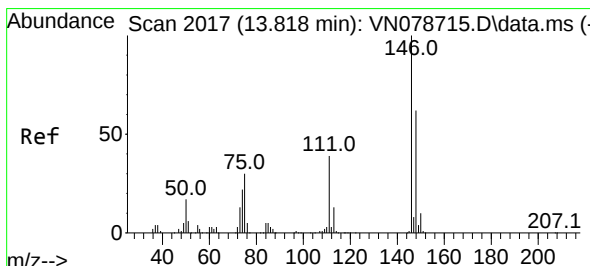
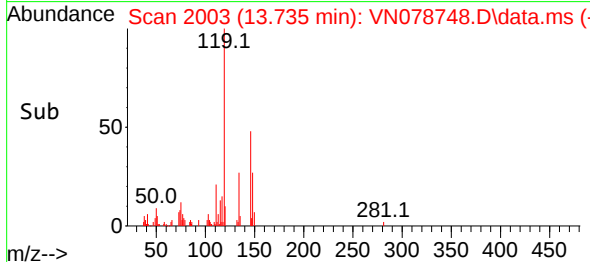
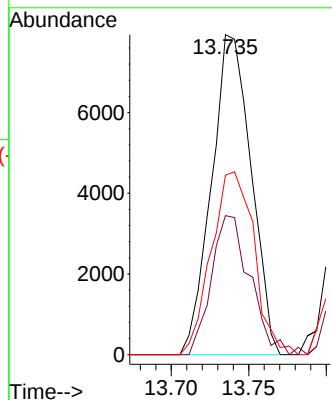
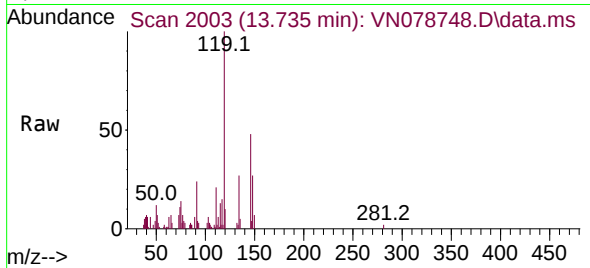
#83
1,3-Dichlorobenzene
Concen: 1.359 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:146 Resp: 1409
Ion Ratio Lower Upper
146 100
111 42.2 21.6 64.6
148 61.7 31.9 95.5

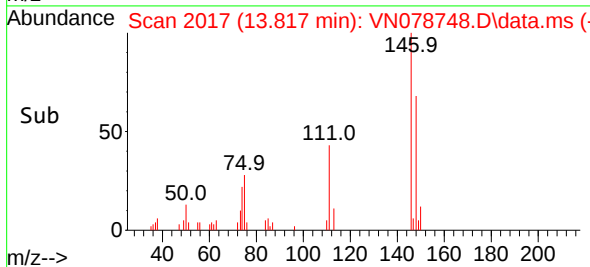
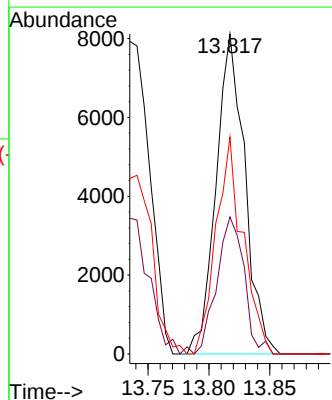
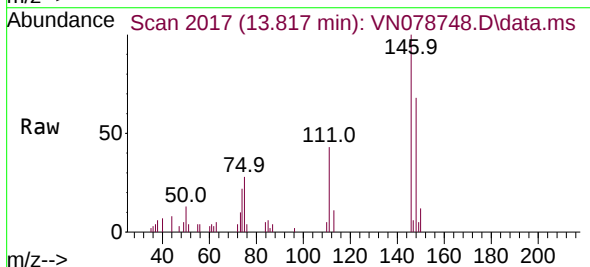
Manual Integrations
APPROVED

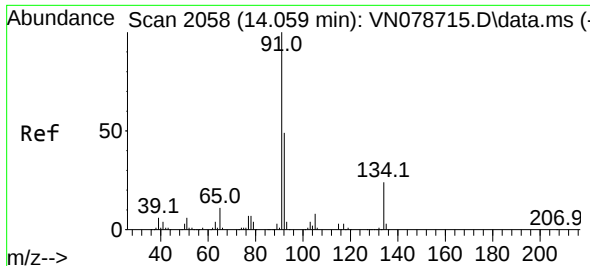
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#84
1,4-Dichlorobenzene
Concen: 1.378 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:146 Resp: 13375
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.2 31.4 94.3





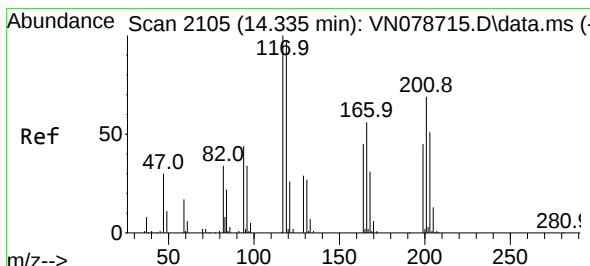
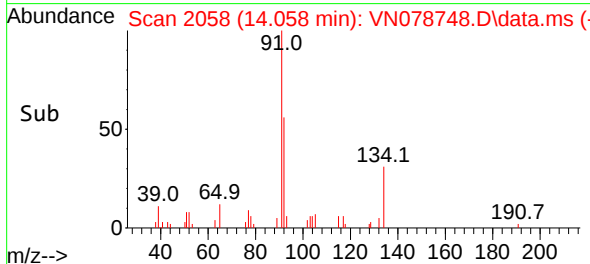
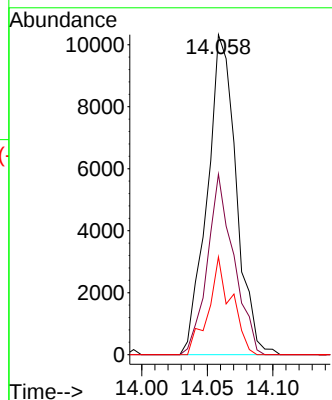
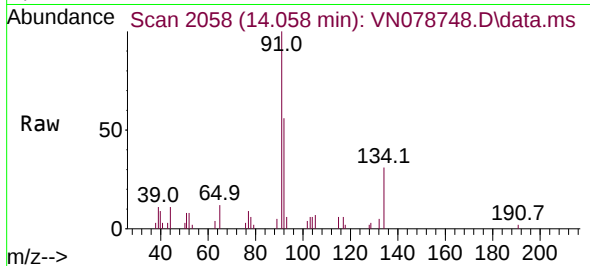
#85
n-Butylbenzene
Concen: 1.188 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 15890
Ion Ratio Lower Upper
91 100
92 51.5 0.0 99.6
134 24.3 0.0 50.0

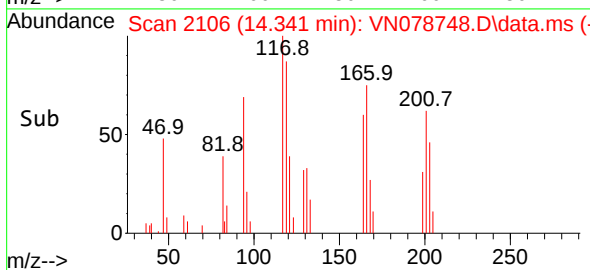
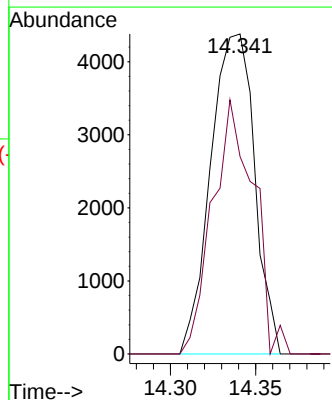
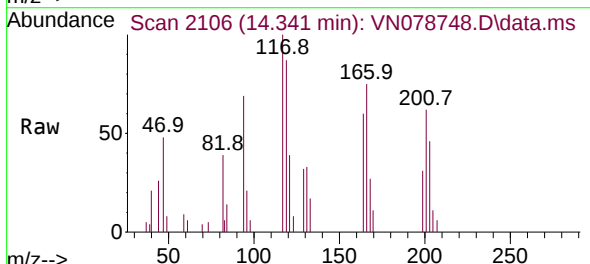
Manual Integrations
APPROVED

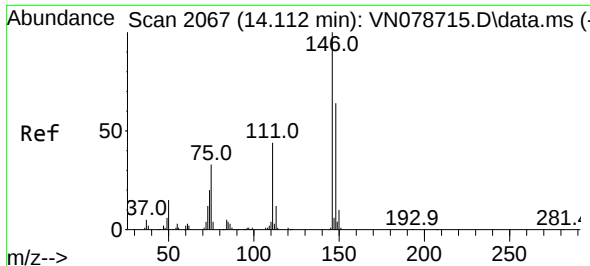
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#86
Hexachloroethane
Concen: 2.232 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:117 Resp: 7846
Ion Ratio Lower Upper
117 100
201 72.8 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 1.457 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

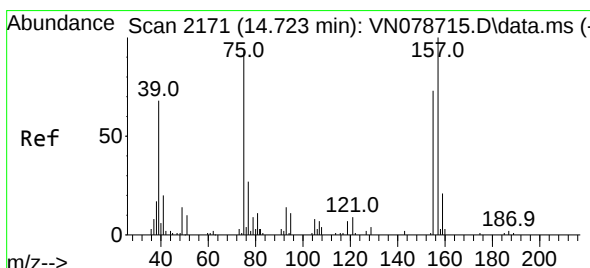
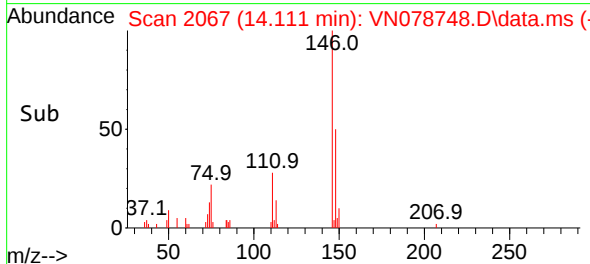
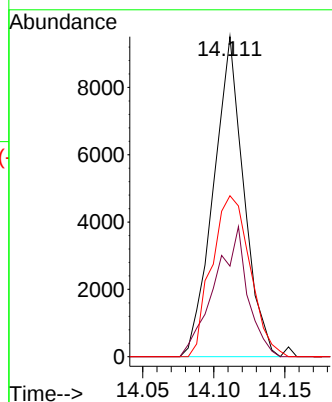
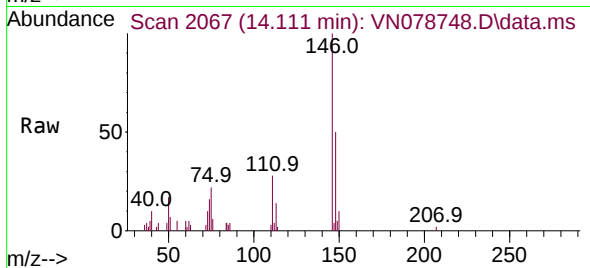
MDL-WATER-03-QT3-2023

Tgt Ion:	146	Resp:	14139
Ion Ratio	Lower	Upper	
146	100		
111	44.1	22.4	67.3
148	63.6	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.232 ug/l

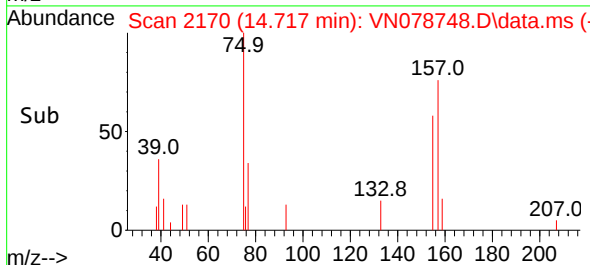
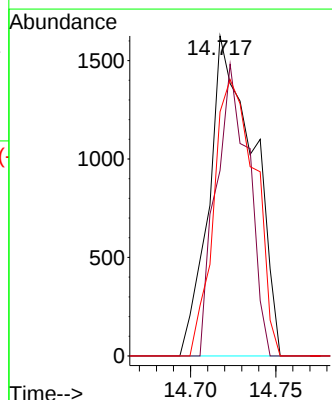
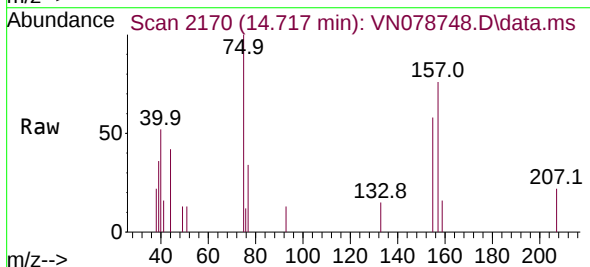
RT: 14.717 min Scan# 2170

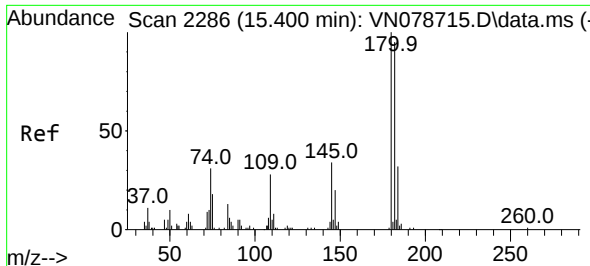
Delta R.T. -0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

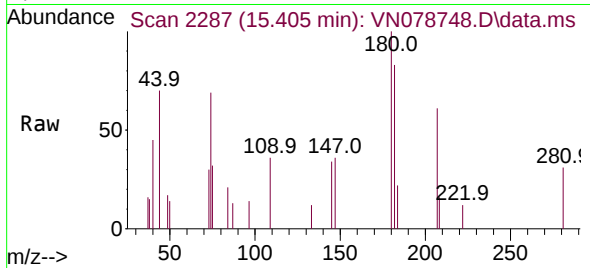
Tgt Ion:	75	Resp:	2938
Ion Ratio	Lower	Upper	
75	100		
155	66.8	68.2	102.2#
157	80.7	84.7	127.1#





#89
1,2,4-Trichlorobenzene
Concen: 0.890 ug/l
RT: 15.405 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

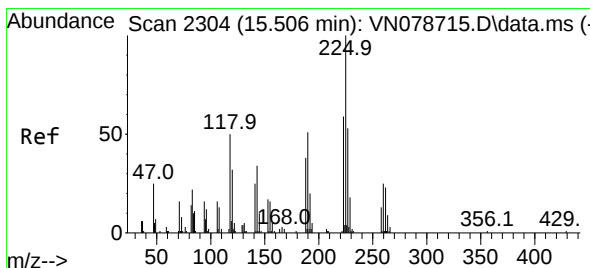
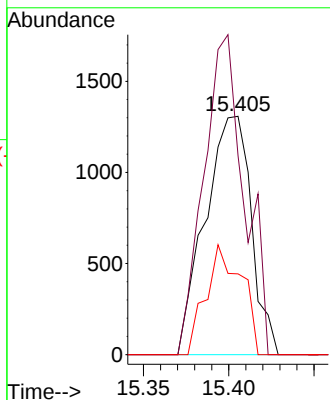
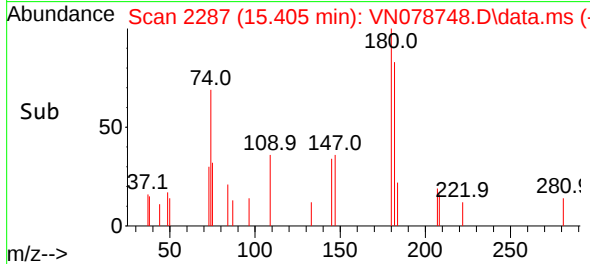
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:180 Resp: 246
Ion Ratio Lower Upper
180 100
182 105.5 73.7 110.5
145 29.8 25.0 37.6

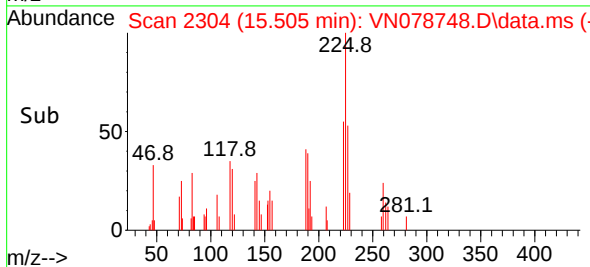
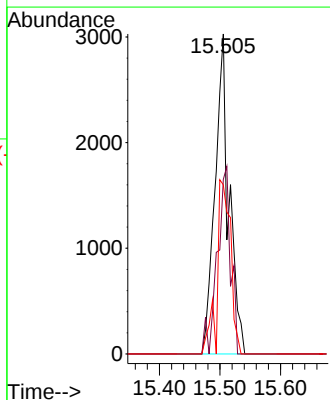
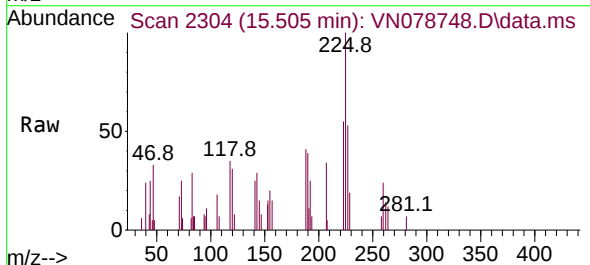
Manual Integrations
APPROVED

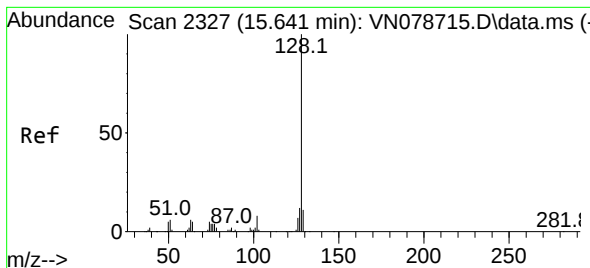
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#90
Hexachlorobutadiene
Concen: 2.295 ug/l m
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078748.D
Acq: 03 Aug 2023 13:19

Tgt Ion:225 Resp: 4841
Ion Ratio Lower Upper
225 100
223 52.9 0.0 130.0
227 46.5 0.0 124.0





#91

Naphthalene

Concen: 1.156 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

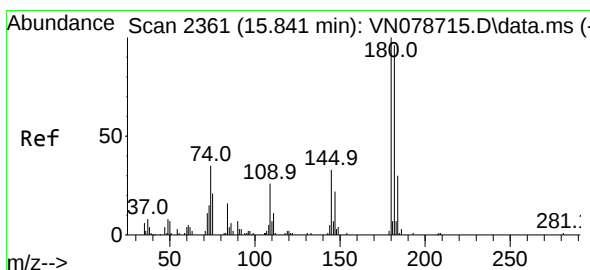
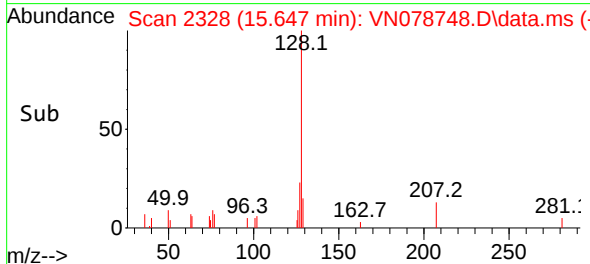
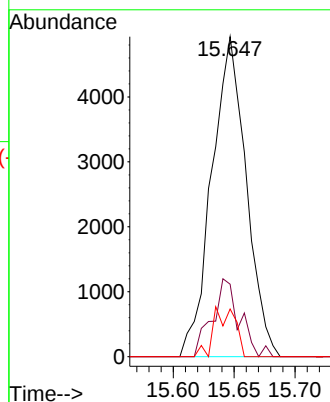
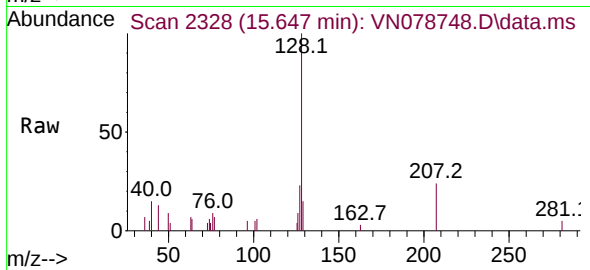
MDL-WATER-03-QT3-2023

Tgt Ion:128	Resp:	9700
Ion Ratio	Lower	Upper
128	100	
127	15.2	10.2 15.2
129	4.6	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#92

1,2,3-Trichlorobenzene

Concen: 1.114 ug/l m

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN078748.D

Acq: 03 Aug 2023 13:19

Tgt Ion:180	Resp:	3510
Ion Ratio	Lower	Upper
180	100	
182	102.6	0.0 196.4
145	29.2	0.0 71.0

