

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080821.D
 Acq On : 30 Jan 2024 17:59
 Operator : JC\MD
 Sample : P1187-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 31 03:15:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	104864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	218891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	185671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	100807	55.568	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.140%			
35) Dibromofluoromethane	8.165	113	69825	52.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.280%			
50) Toluene-d8	10.565	98	272263	51.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.847	95	88973	48.712	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	7988	5.129	ug/l	93
3) Chloromethane	2.365	50	14576	6.226	ug/l	93
4) Vinyl Chloride	2.512	62	9010	5.062	ug/l #	63
5) Bromomethane	2.942	94	4731	6.645	ug/l	99
6) Chloroethane	3.124	64	6952	7.326	ug/l #	83
7) Trichlorofluoromethane	3.500	101	11951	5.188	ug/l	88
8) Diethyl Ether	3.953	74	6210	5.844	ug/l	51
9) 1,1,2-Trichlorotrifluo...	4.365	101	7532	5.607	ug/l #	80
10) Methyl Iodide	4.577	142	5710	5.035	ug/l #	82
11) Tert butyl alcohol	5.518	59	9115	30.823	ug/l	99
12) 1,1-Dichloroethene	4.336	96	8216	5.582	ug/l	84
13) Acrolein	4.171	56	10400m	27.888	ug/l	
14) Allyl chloride	5.018	41	15494	5.325	ug/l	94
15) Acrylonitrile	5.718	53	24754	27.833	ug/l	95
16) Acetone	4.430	43	22091	33.576	ug/l	93
17) Carbon Disulfide	4.706	76	23150	5.052	ug/l #	69
18) Methyl Acetate	5.030	43	21335	9.305	ug/l #	78
19) Methyl tert-butyl Ether	5.794	73	28678	5.529	ug/l	93
20) Methylene Chloride	5.289	84	10635m	6.158	ug/l	
21) trans-1,2-Dichloroethene	5.777	96	9407	5.883	ug/l	95
22) Diisopropyl ether	6.671	45	34863	5.431	ug/l #	90
23) Vinyl Acetate	6.606	43	104275	22.450	ug/l	97
24) 1,1-Dichloroethane	6.571	63	17744	5.450	ug/l #	92
25) 2-Butanone	7.483	43	35011	28.016	ug/l	97
26) 2,2-Dichloropropane	7.488	77	13591	5.165	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	10228	5.525	ug/l	97
28) Bromochloromethane	7.812	49	9671	5.611	ug/l #	92
29) Tetrahydrofuran	7.835	42	22447	26.545	ug/l	96
30) Chloroform	7.971	83	16809	5.557	ug/l	91
31) Cyclohexane	8.247	56	19710	6.336	ug/l #	84
32) 1,1,1-Trichloroethane	8.177	97	12783	5.212	ug/l	90
36) 1,1-Dichloropropene	8.371	75	12642	5.079	ug/l	98
37) Ethyl Acetate	7.559	43	13962	5.449	ug/l #	93
38) Carbon Tetrachloride	8.359	117	10681	5.326	ug/l #	92
39) Methylcyclohexane	9.606	83	11748	4.748	ug/l #	93
40) Benzene	8.606	78	40343	5.515	ug/l	100

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 Supervised By :Semsettin Yesilyurt 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	7260	4.807	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	13450	5.643	ug/l	91
43) Isopropyl Acetate	8.694	43	26319	5.642	ug/l	96
44) Trichloroethene	9.347	130	8299	5.150	ug/l	91
45) 1,2-Dichloropropane	9.624	63	11575	5.847	ug/l	98
46) Dibromomethane	9.712	93	6423	5.473	ug/l	93
47) Bromodichloromethane	9.894	83	13031	5.469	ug/l #	89
48) Methyl methacrylate	9.682	41	12961	5.731	ug/l	96
49) 1,4-Dioxane	9.700	88	3230	118.565	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	68381	26.221	ug/l	100
52) Toluene	10.629	92	22307	5.318	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	12337	4.444	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	15106	5.004	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	8708	5.402	ug/l #	91
56) Ethyl methacrylate	10.876	69	10805	4.360	ug/l	95
57) 1,3-Dichloropropane	11.165	76	16152	5.324	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.165	63	37187	25.741	ug/l	99
59) 2-Hexanone	11.194	43	52674	26.002	ug/l	93
60) Dibromochloromethane	11.359	129	7710	5.142	ug/l	99
61) 1,2-Dibromoethane	11.471	107	8128	5.380	ug/l	90
64) Tetrachloroethene	11.106	164	7090	5.810	ug/l	93
65) Chlorobenzene	11.888	112	21352	5.269	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	6494	4.928	ug/l	88
67) Ethyl Benzene	11.965	91	41081	5.454	ug/l	95
68) m/p-Xylenes	12.070	106	29226	10.927	ug/l	94
69) o-Xylene	12.400	106	13972	5.257	ug/l	96
70) Styrene	12.412	104	20097	4.708	ug/l	98
71) Bromoform	12.582	173	4777	5.361	ug/l #	84
73) Isopropylbenzene	12.700	105	31682	5.058	ug/l	96
74) N-amyl acetate	12.494	43	20795	5.348	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	12753	5.789	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	11093m	5.378	ug/l	
77) Bromobenzene	12.982	156	7286	5.442	ug/l	95
78) n-propylbenzene	13.035	91	40931	5.470	ug/l	95
79) 2-Chlorotoluene	13.129	91	24354	5.121	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	27811	5.576	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.747	75	3345	4.178	ug/l #	71
82) 4-Chlorotoluene	13.223	91	24694	5.244	ug/l	92
83) tert-Butylbenzene	13.435	119	21557	5.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	24361	4.820	ug/l	88
85) sec-Butylbenzene	13.617	105	28937	4.928	ug/l	98
86) p-Isopropyltoluene	13.729	119	23398	5.127	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	12357	5.160	ug/l	91
88) 1,4-Dichlorobenzene	13.812	146	12000	4.998	ug/l	85
89) n-Butylbenzene	14.059	91	21743	4.869	ug/l	96
90) Hexachloroethane	14.341	117	4123	5.163	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	12058	5.501	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2063	5.010	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	5348	4.741	ug/l	95
94) Hexachlorobutadiene	15.511	225	2224	4.512	ug/l	85
95) Naphthalene	15.641	128	19259	4.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	5900	5.321	ug/l	84

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ClientSampleId :
LOQ-WATER-02-QT1-2024

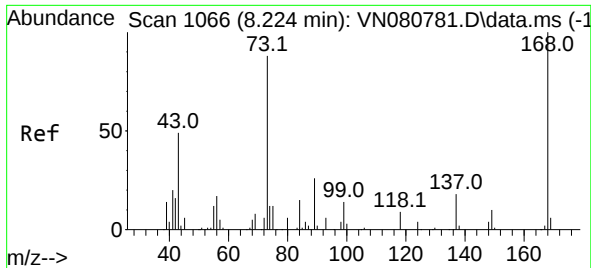
Quant Time: Jan 31 03:15:19 2024
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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



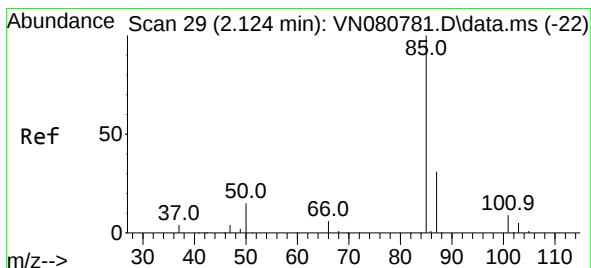
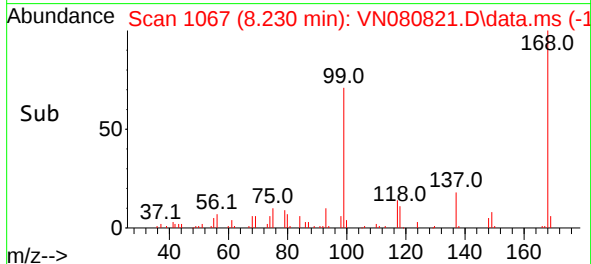
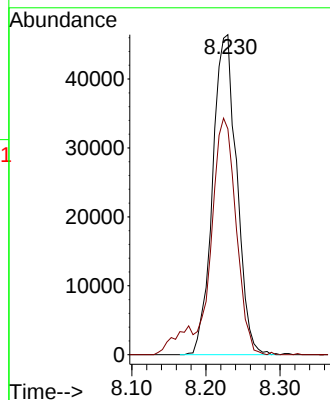
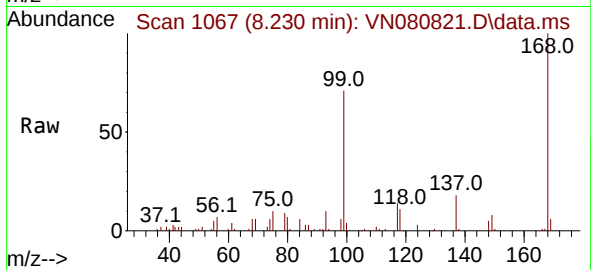
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:168 Resp: 104864
Ion Ratio Lower Upper
168 100
99 70.6 59.9 89.9

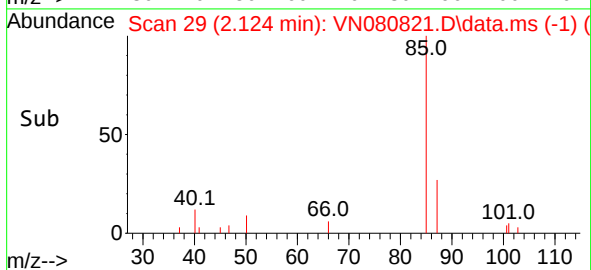
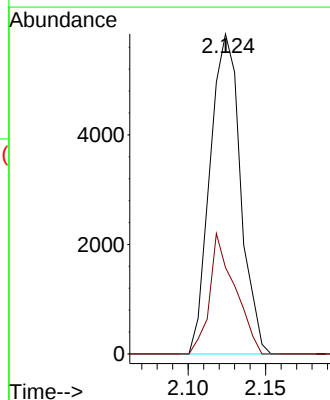
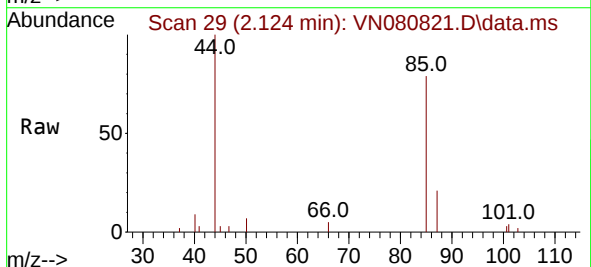
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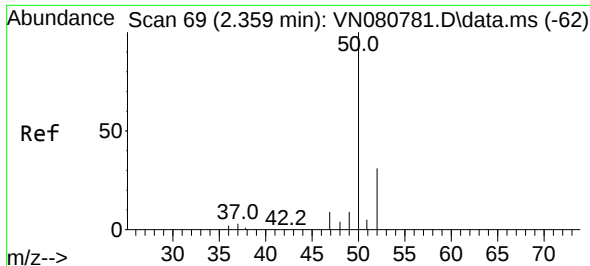
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#2
Dichlorodifluoromethane
Concen: 5.129 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 85 Resp: 7988
Ion Ratio Lower Upper
85 100
87 27.0 15.3 45.9





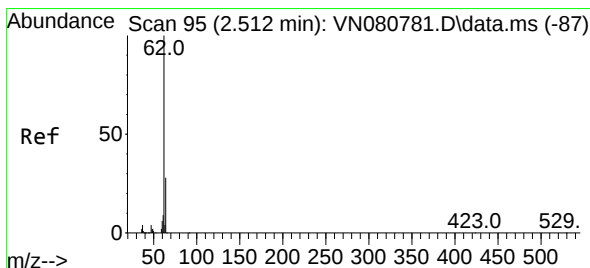
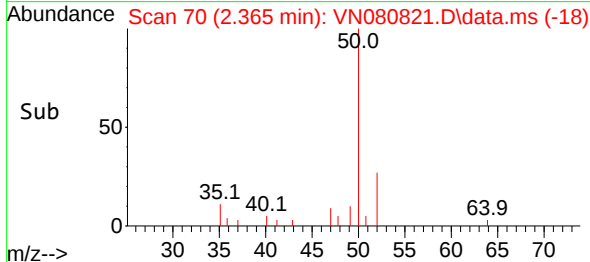
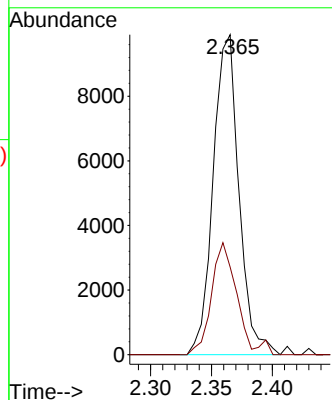
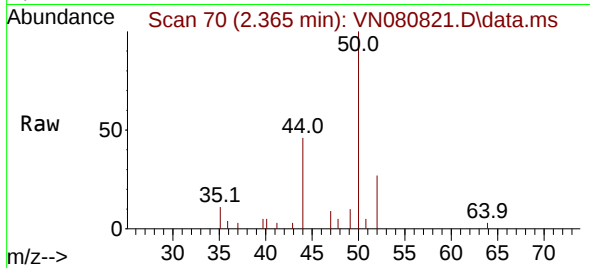
#3
Chloromethane
Concen: 6.226 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 50 Resp: 14570
Ion Ratio Lower Upper
50 100
52 27.4 25.0 37.4

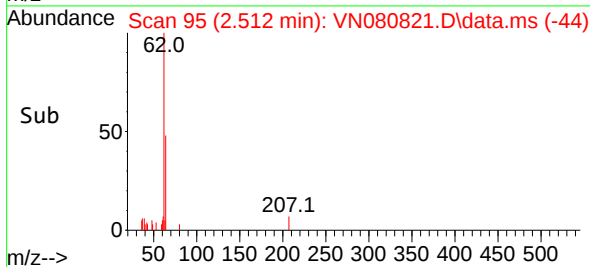
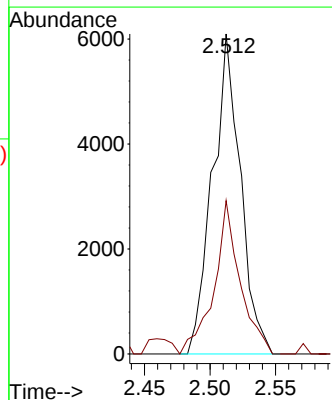
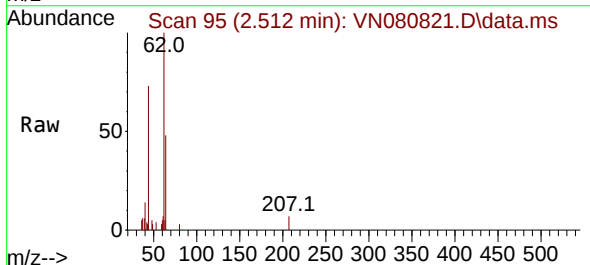
Manual Integrations
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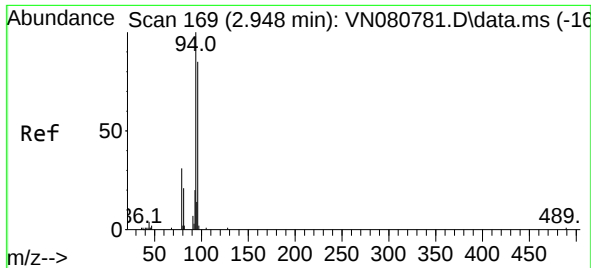
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#4
Vinyl Chloride
Concen: 5.062 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

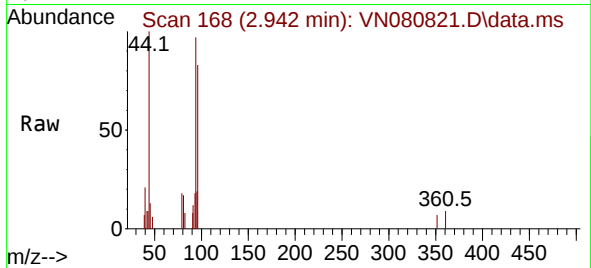
Tgt Ion: 62 Resp: 9010
Ion Ratio Lower Upper
62 100
64 47.9 22.7 34.1#





#5
Bromomethane
Concen: 6.645 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

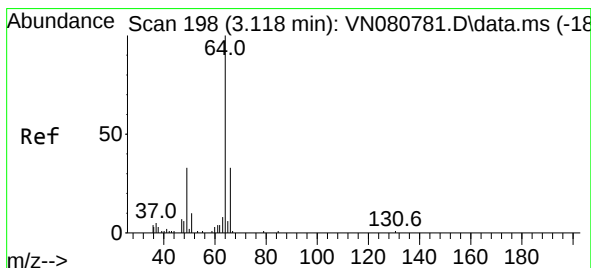
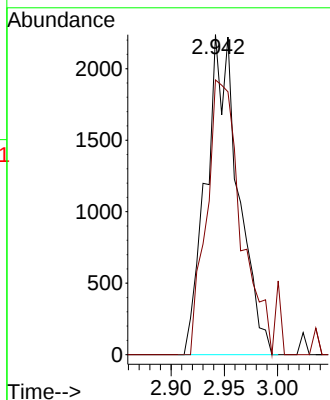
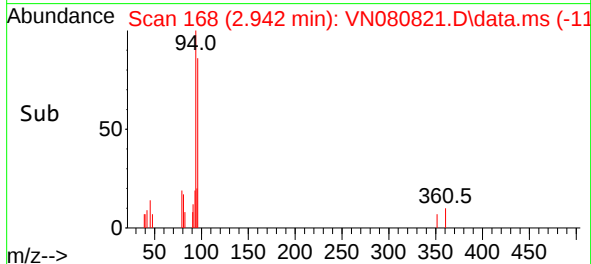
Instrument :
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Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 85.8 69.2 103.8

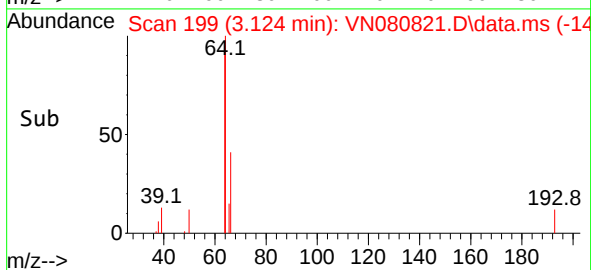
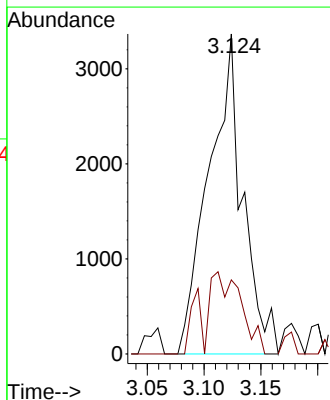
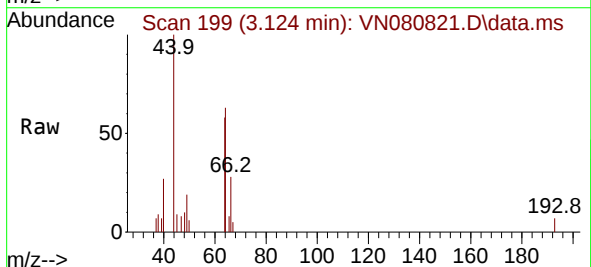
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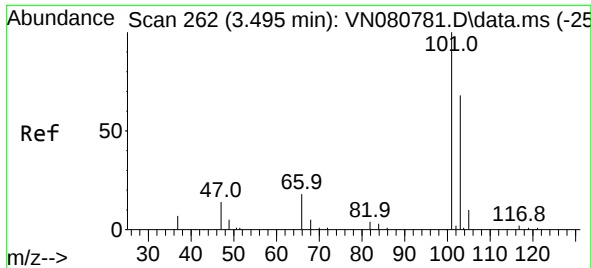
Reviewed By :John Carlone 01/31/2024
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#6
Chloroethane
Concen: 7.326 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080821.D
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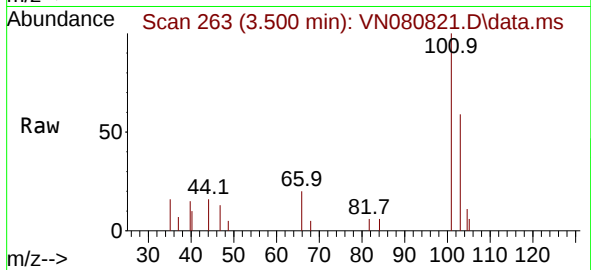
Tgt Ion: 64 Resp: 6952
Ion Ratio Lower Upper
64 100
66 23.2 26.4 39.6#





#7
 Trichlorofluoromethane
 Concen: 5.188 ug/l
 RT: 3.500 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

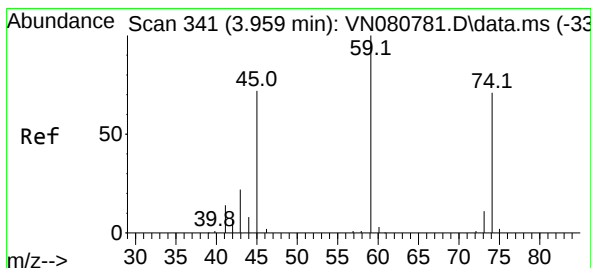
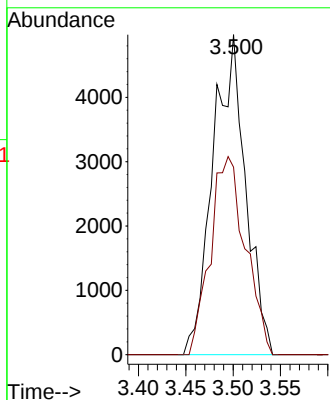
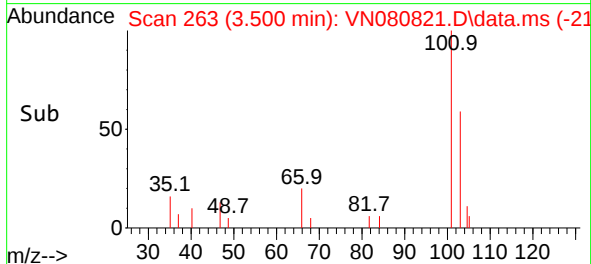
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion:101 Resp: 1195
 Ion Ratio Lower Upper
 101 100
 103 58.6 54.4 81.6

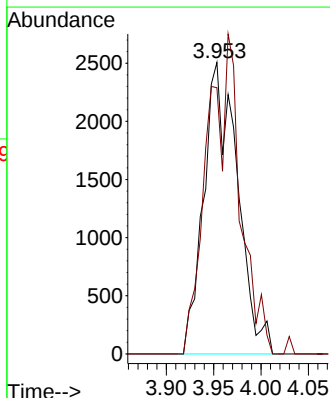
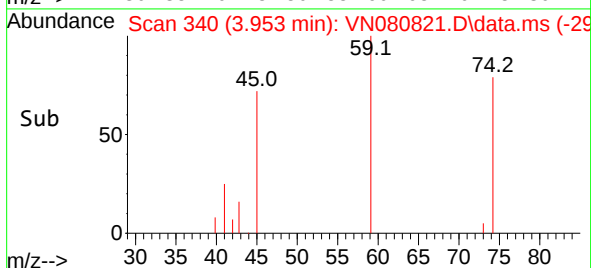
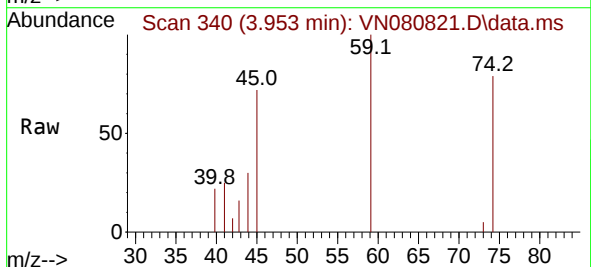
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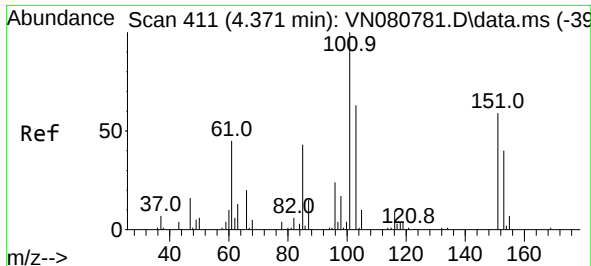
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#8
 Diethyl Ether
 Concen: 5.844 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080821.D
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Tgt Ion: 74 Resp: 6210
 Ion Ratio Lower Upper
 74 100
 45 56.1 53.3 159.9





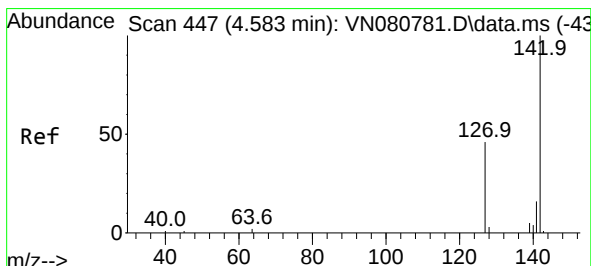
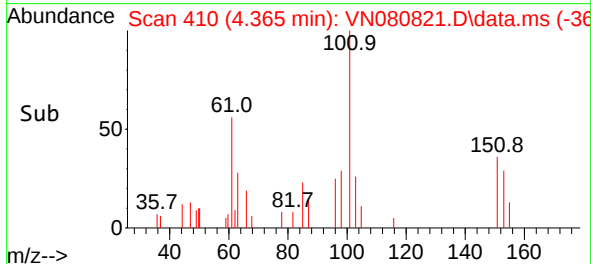
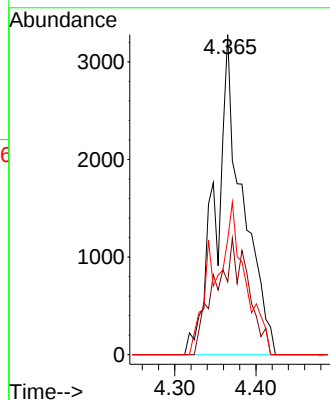
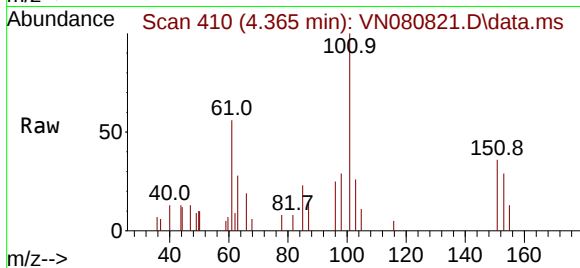
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.607 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:101 Resp: 753
Ion Ratio Lower Upper
101 100
85 44.8 38.1 57.1
151 36.9 49.1 73.7

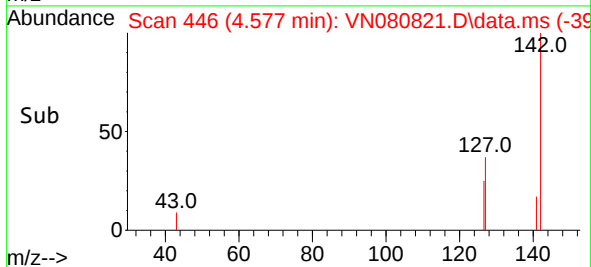
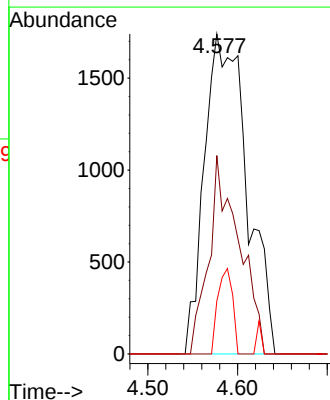
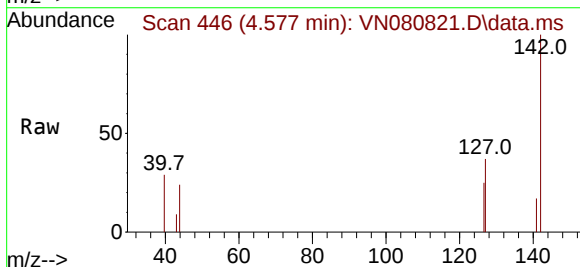
Manual Integrations
APPROVED

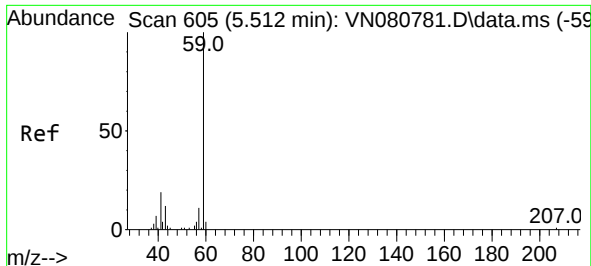
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#10
Methyl Iodide
Concen: 5.035 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

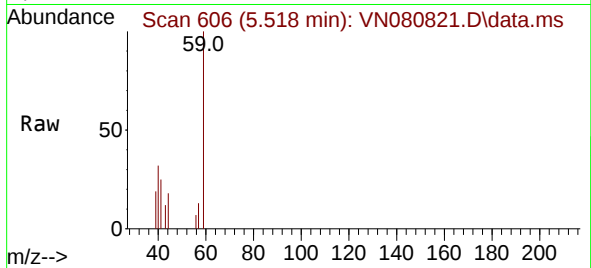
Tgt Ion:142 Resp: 5710
Ion Ratio Lower Upper
142 100
127 62.0 37.0 55.4#
141 16.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 30.823 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

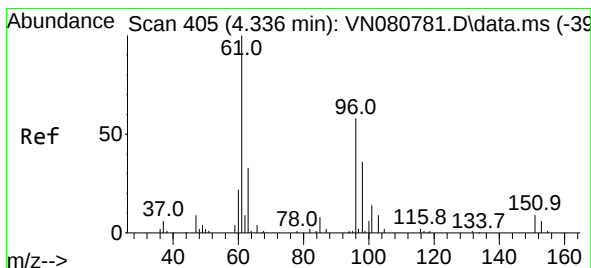
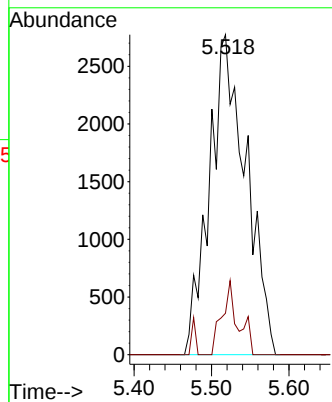
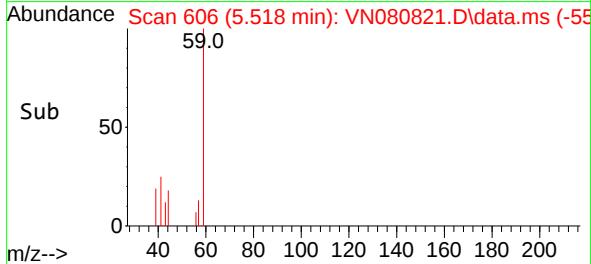
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



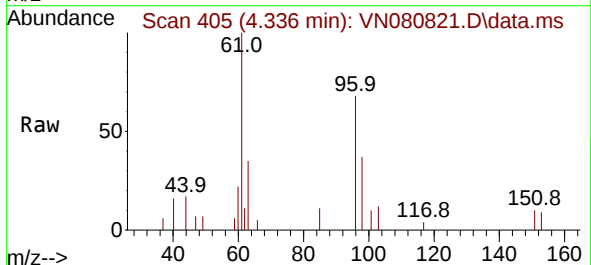
Tgt Ion: 59 Resp: 911
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

Manual Integrations
APPROVED

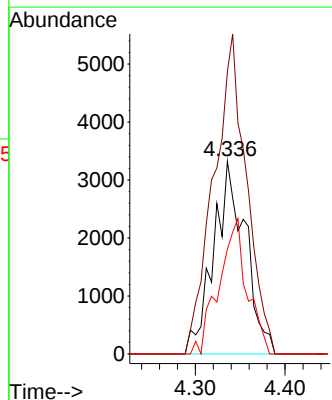
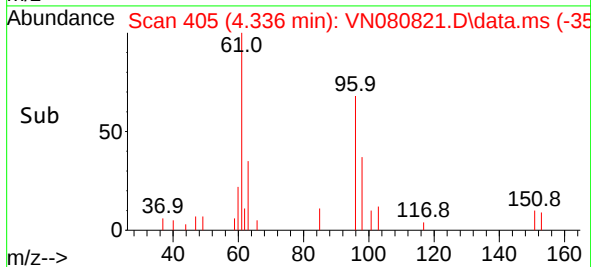
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

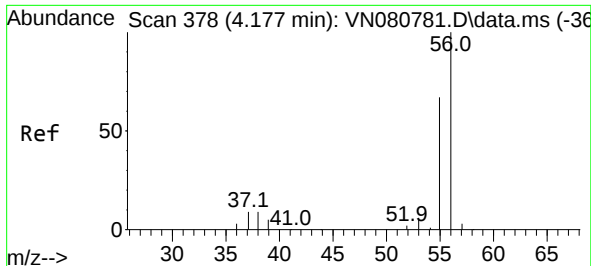


#12
1,1-Dichloroethene
Concen: 5.582 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59



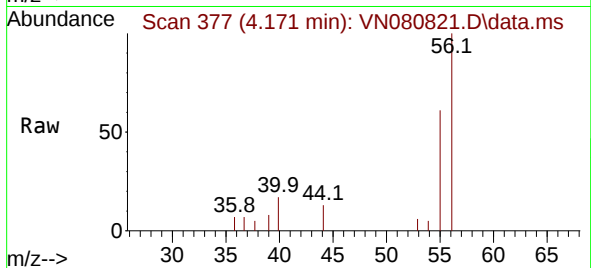
Tgt Ion: 96 Resp: 8216
Ion Ratio Lower Upper
96 100
61 146.4 138.2 207.4
98 54.4 49.2 73.8





#13
Acrolein
Concen: 27.888 ug/l m
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

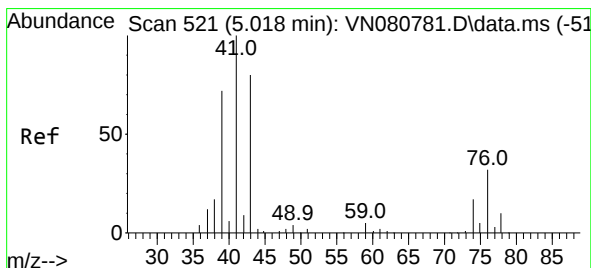
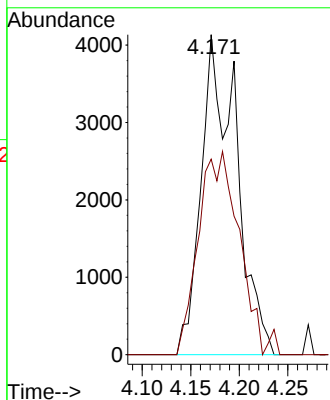
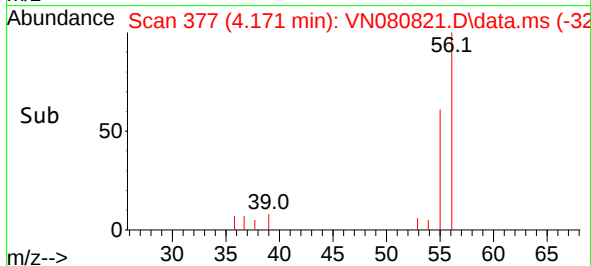
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 10400
Ion Ratio Lower Upper
56 100
55 73.0 55.3 82.9

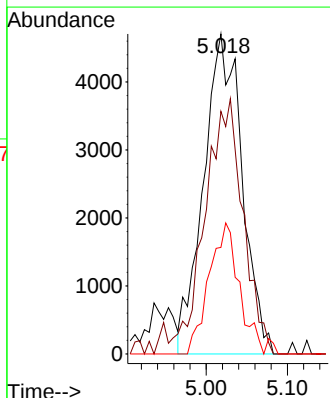
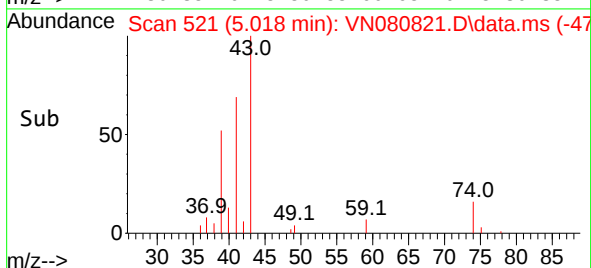
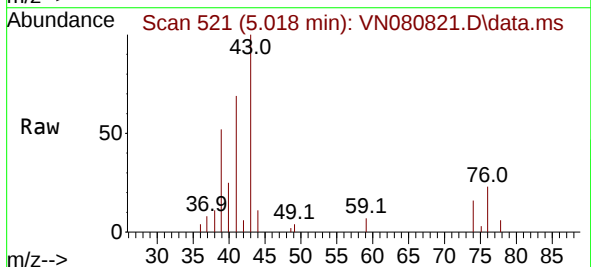
Manual Integrations
APPROVED

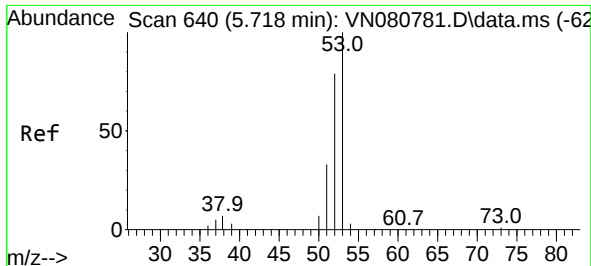
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#14
Allyl chloride
Concen: 5.325 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

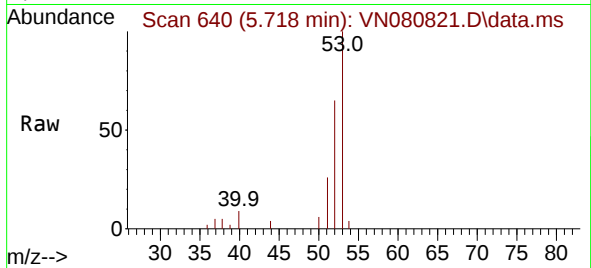
Tgt Ion: 41 Resp: 15494
Ion Ratio Lower Upper
41 100
39 78.2 57.7 86.5
76 31.9 26.8 40.2





#15
Acrylonitrile
Concen: 27.833 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

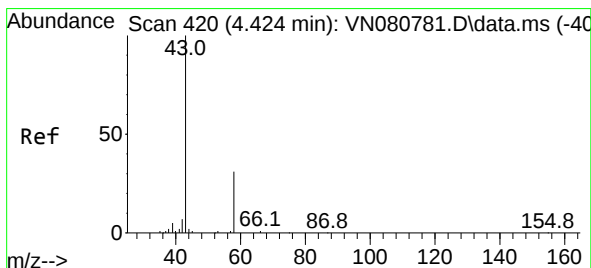
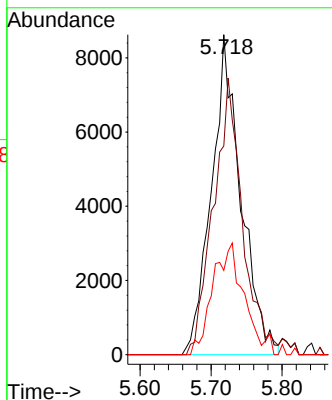
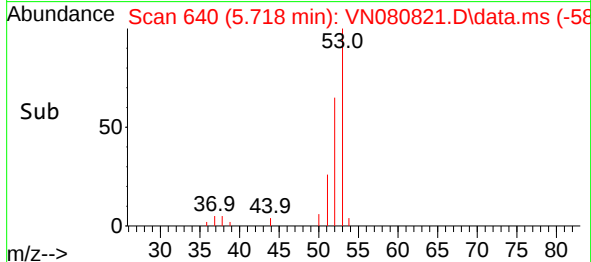
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 53 Resp: 24754
Ion Ratio Lower Upper
53 100
52 85.1 64.8 97.2
51 37.4 26.9 40.3

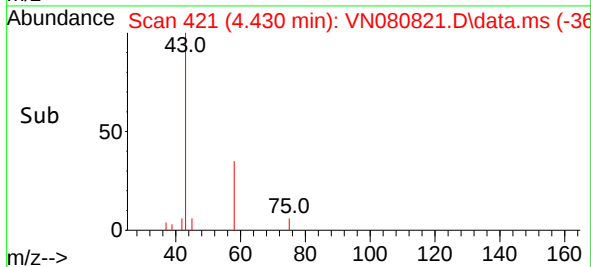
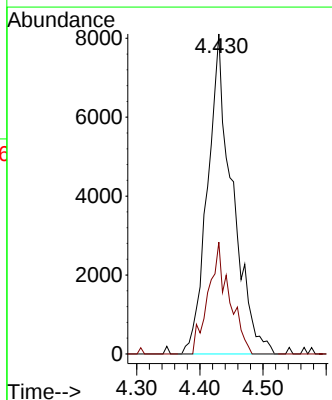
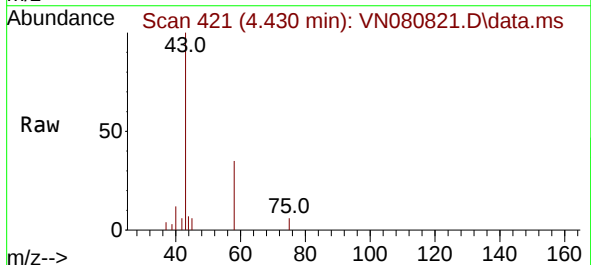
Manual Integrations
APPROVED

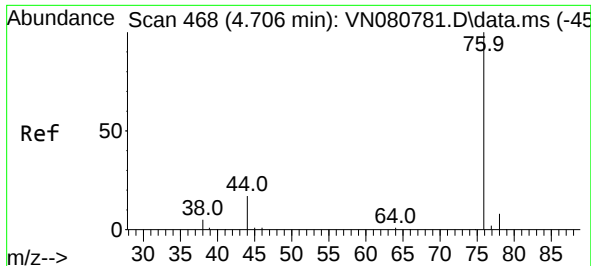
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 33.576 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

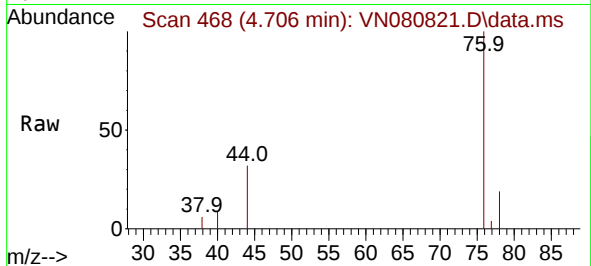
Tgt Ion: 43 Resp: 22091
Ion Ratio Lower Upper
43 100
58 34.9 24.8 37.2





#17
Carbon Disulfide
Concen: 5.052 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

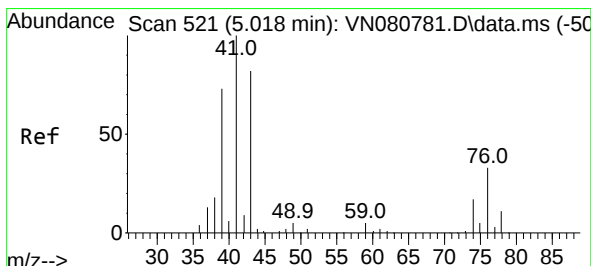
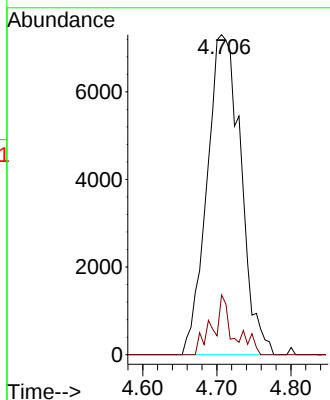
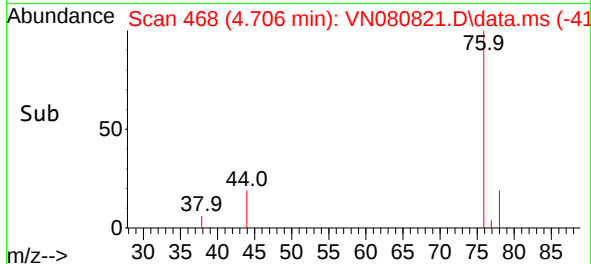
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 23150
Ion Ratio Lower Upper
76 100
78 18.7 6.3 9.5

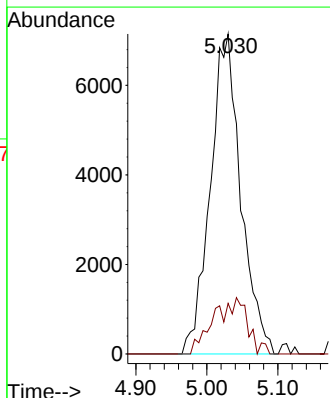
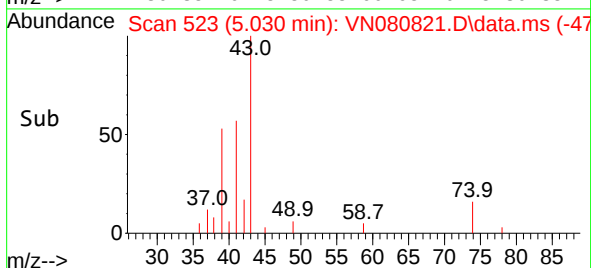
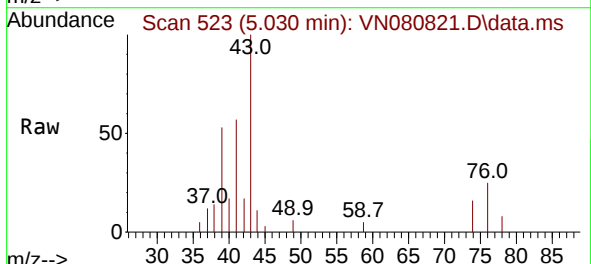
Manual Integrations
APPROVED

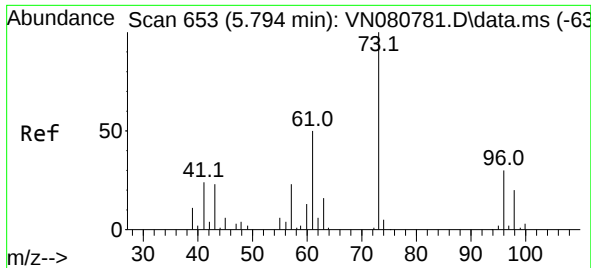
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#18
Methyl Acetate
Concen: 9.305 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 43 Resp: 21335
Ion Ratio Lower Upper
43 100
74 11.4 17.3 25.9





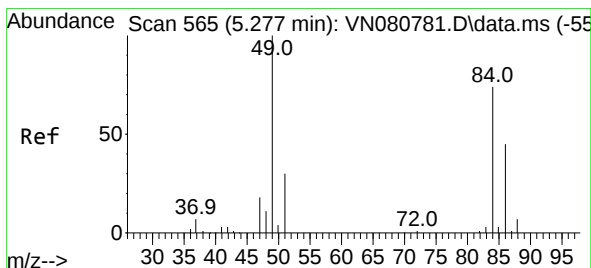
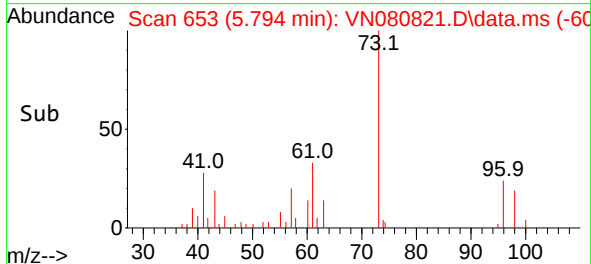
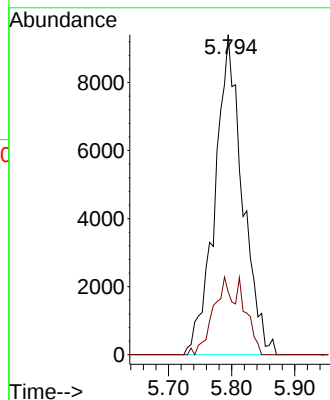
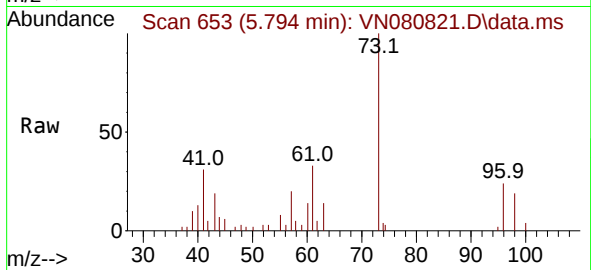
#19
Methyl tert-butyl Ether
Concen: 5.529 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 73 Resp: 28678
Ion Ratio Lower Upper
73 100
57 19.6 18.2 27.4

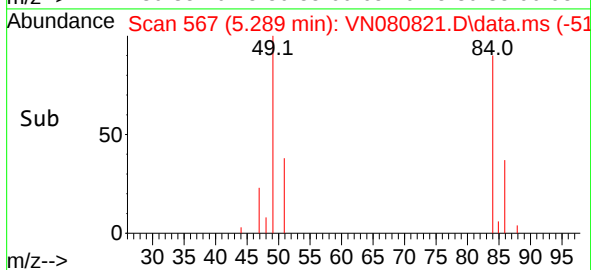
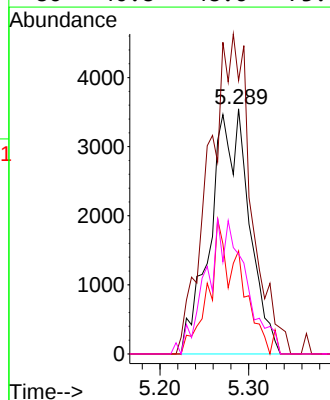
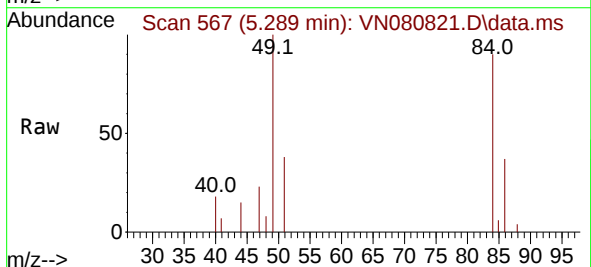
Manual Integrations
APPROVED

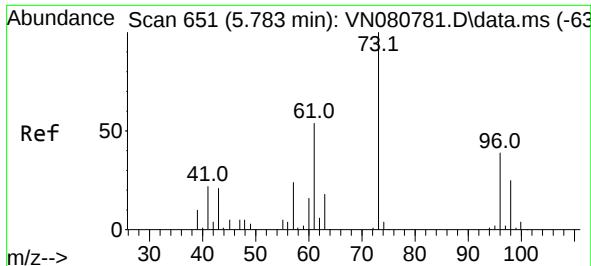
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 6.158 ug/l m
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

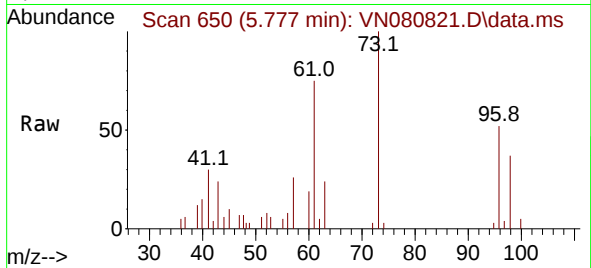
Tgt Ion: 84 Resp: 10635
Ion Ratio Lower Upper
84 100
49 111.5 108.1 162.1
51 42.0 32.9 49.3
86 40.8 48.6 73.0#





#21
trans-1,2-Dichloroethene
Concen: 5.883 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

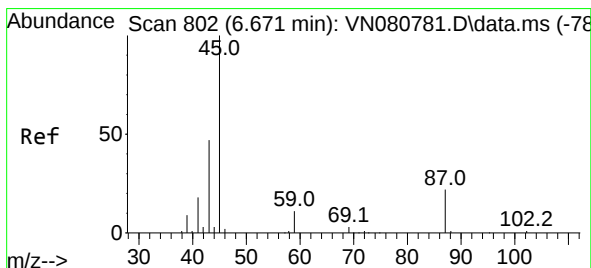
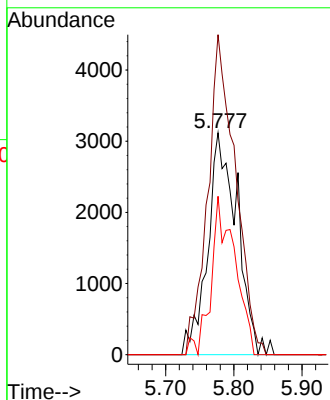
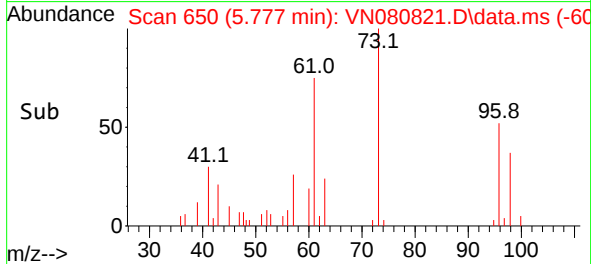
Instrument : MSVOA_N
Client SampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 940
Ion Ratio Lower Upper
96 100
61 144.2 112.8 169.2
98 71.3 51.0 76.4

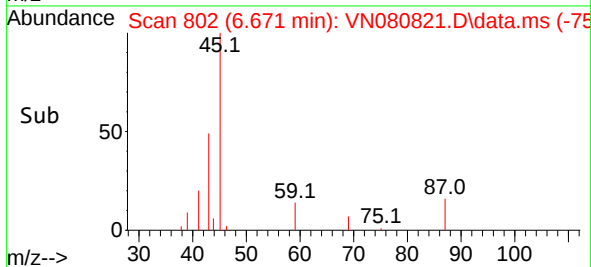
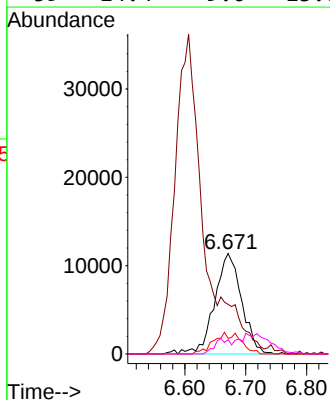
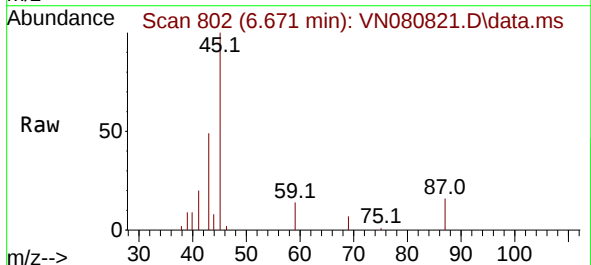
Manual Integrations
APPROVED

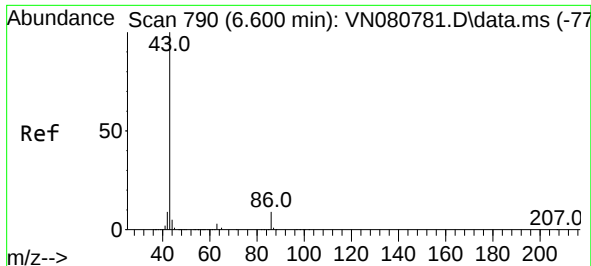
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#22
Diisopropyl ether
Concen: 5.431 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

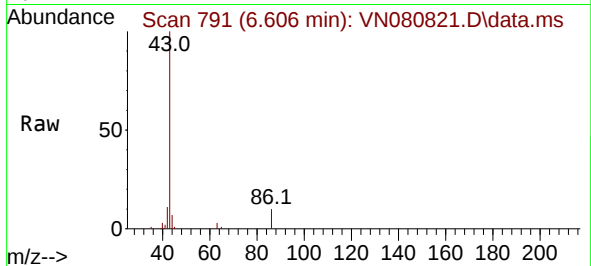
Tgt Ion: 45 Resp: 34863
Ion Ratio Lower Upper
45 100
43 46.1 41.8 62.8
87 15.7 18.1 27.1#
59 14.4 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 22.450 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

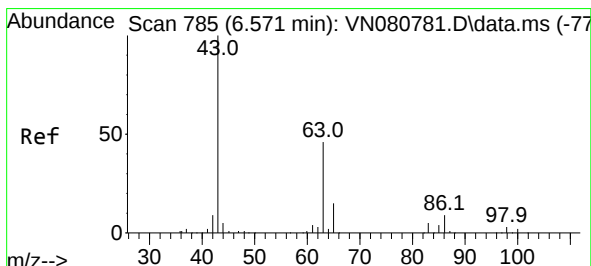
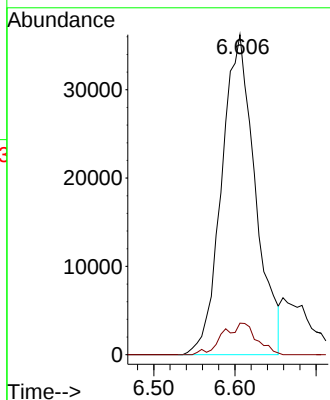
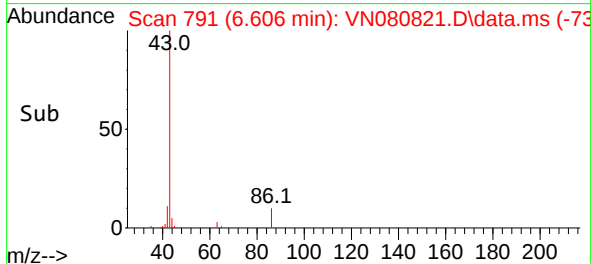
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



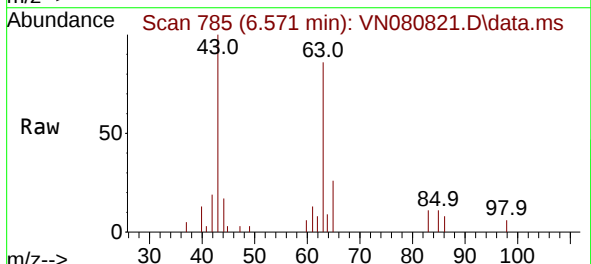
Tgt Ion: 43 Resp: 104275
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.1 10.7

Manual Integrations
 APPROVED

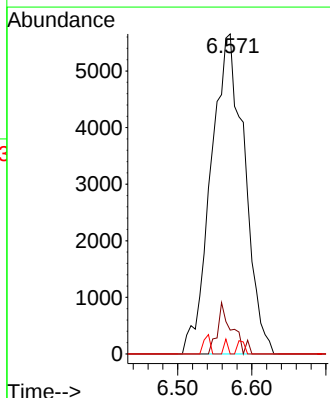
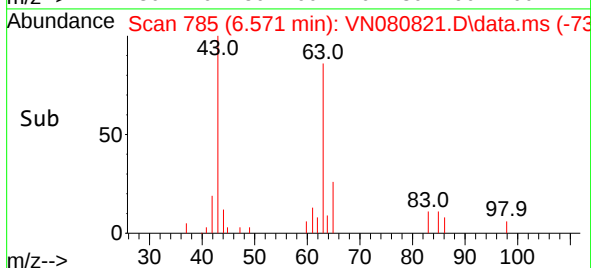
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

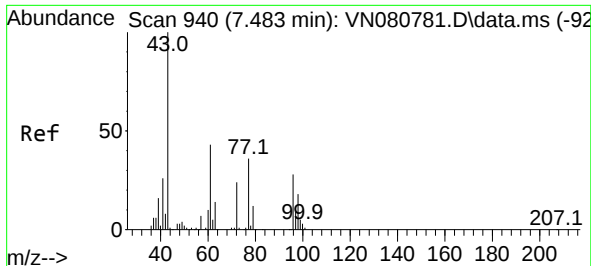


#24
 1,1-Dichloroethane
 Concen: 5.450 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59



Tgt Ion: 63 Resp: 17744
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.6
 100 0.0 1.9 5.7#





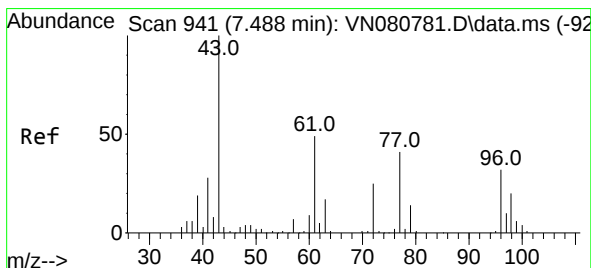
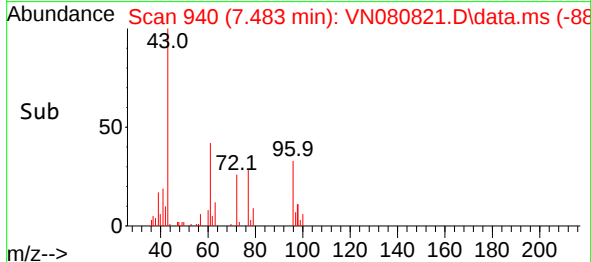
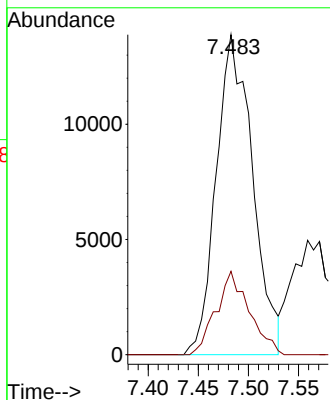
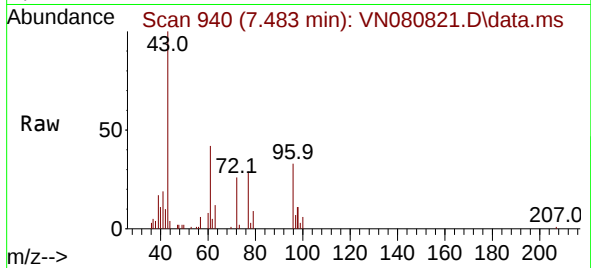
#25
2-Butanone
Concen: 28.016 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 3501
Ion Ratio Lower Upper
43 100
72 26.1 19.5 29.3

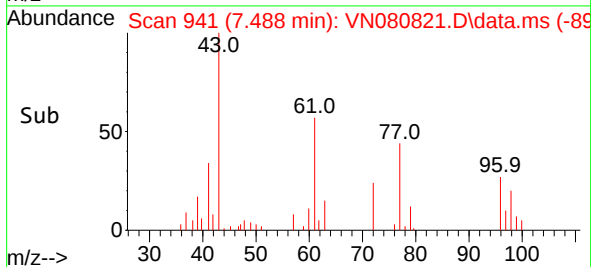
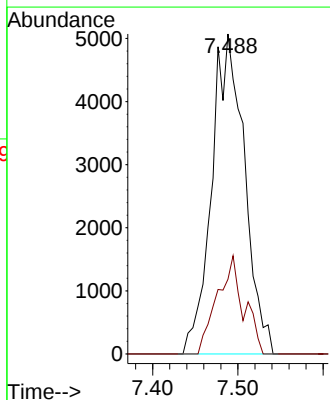
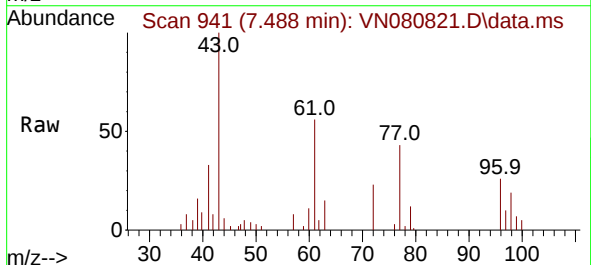
Manual Integrations
APPROVED

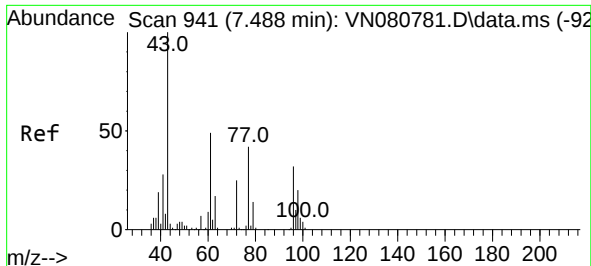
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#26
2,2-Dichloropropane
Concen: 5.165 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

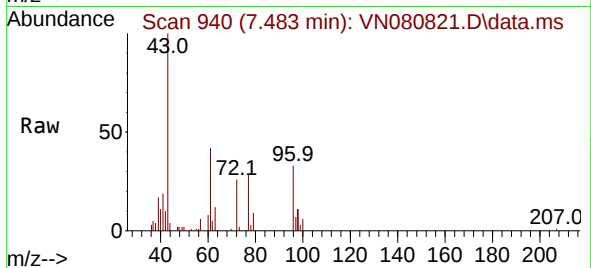
Tgt Ion: 77 Resp: 13591
Ion Ratio Lower Upper
77 100
97 24.7 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 5.525 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

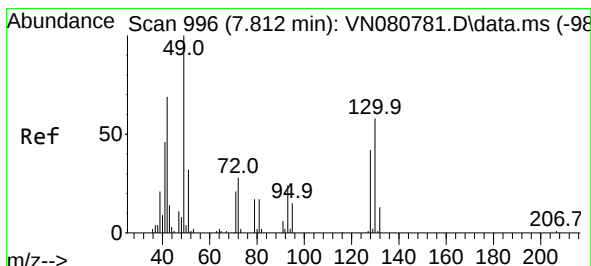
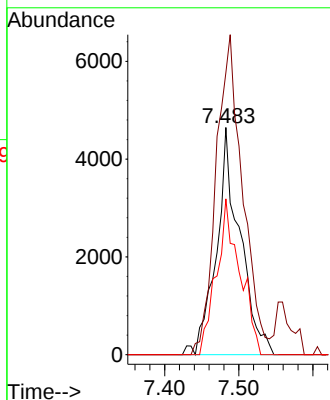
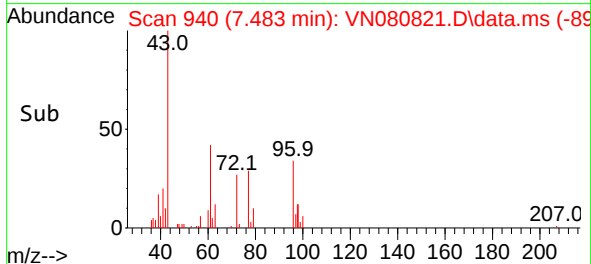
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 10228
Ion Ratio Lower Upper
96 100
61 159.3 0.0 325.4
98 68.4 0.0 130.4

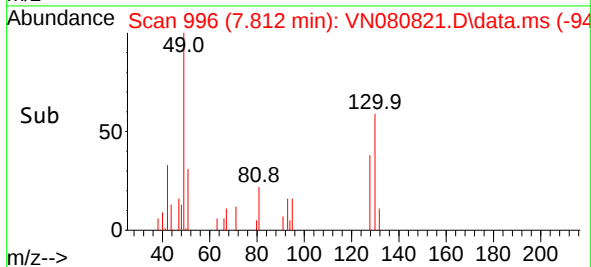
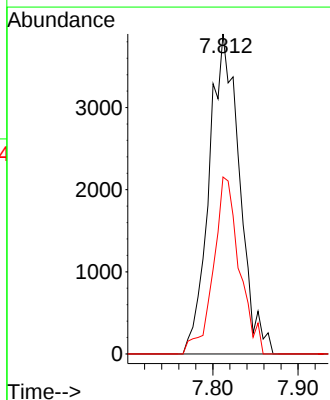
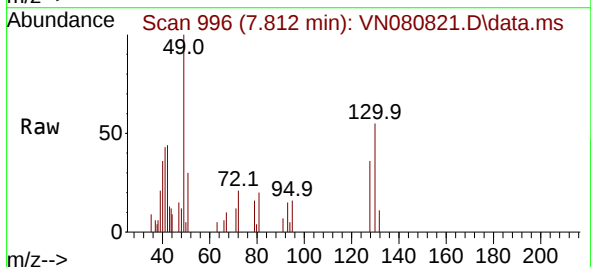
Manual Integrations
APPROVED

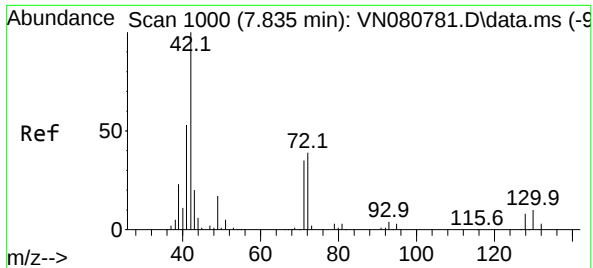
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#28
Bromochloromethane
Concen: 5.611 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 49 Resp: 9671
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 47.3 42.3 63.5





#29

Tetrahydrofuran

Concen: 26.545 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

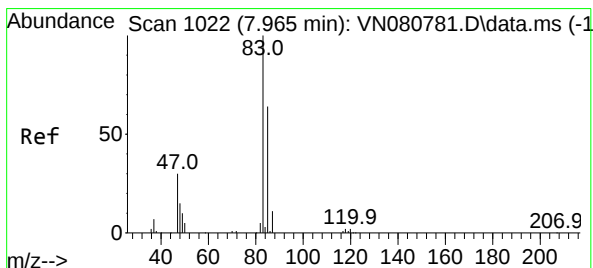
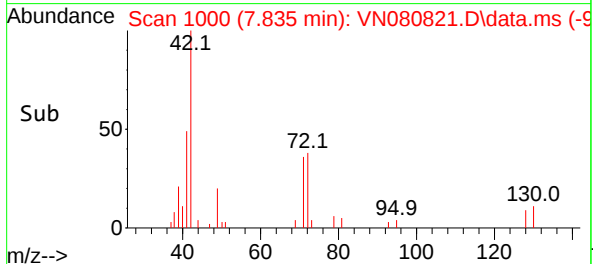
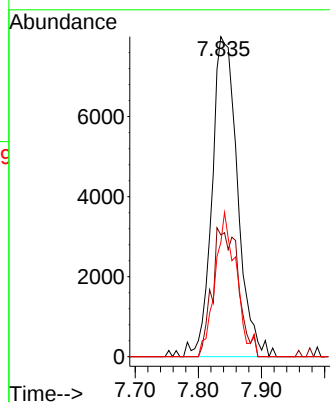
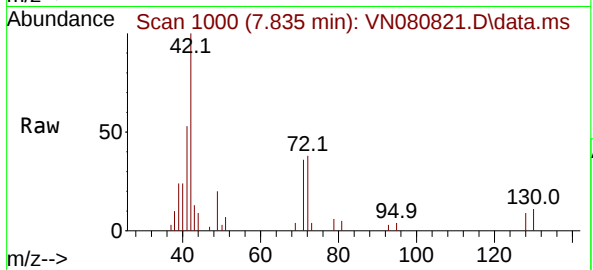
Tgt Ion: 42	Resp: 2244
Ion Ratio	Lower Upper
42 100	
72 40.9	31.1 46.7
71 37.6	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#30

Chloroform

Concen: 5.557 ug/l

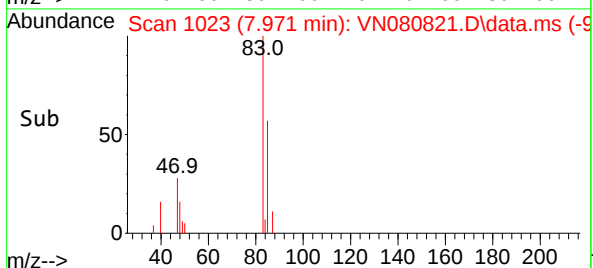
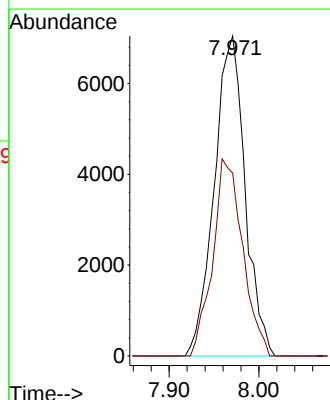
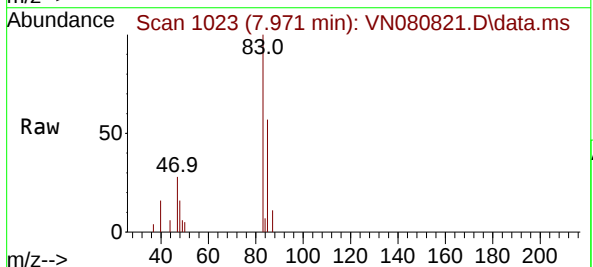
RT: 7.971 min Scan# 1023

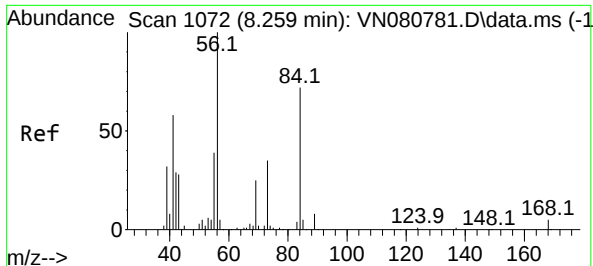
Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion: 83	Resp: 16809
Ion Ratio	Lower Upper
83 100	
85 57.1	51.0 76.6





#31

Cyclohexane

Concen: 6.336 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.012 min

Lab File: VN080821.D

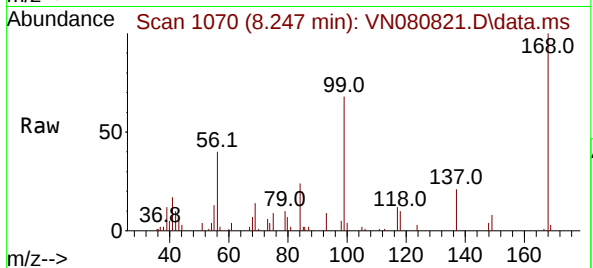
Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 19710

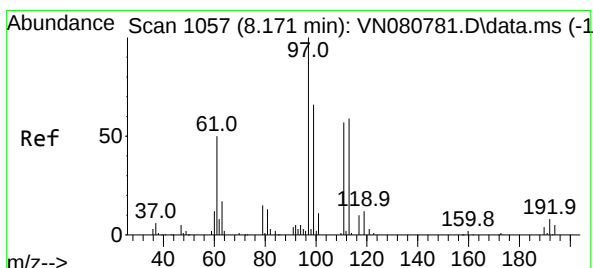
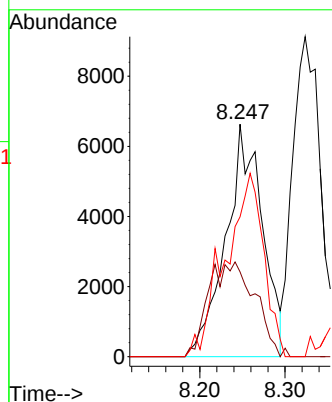
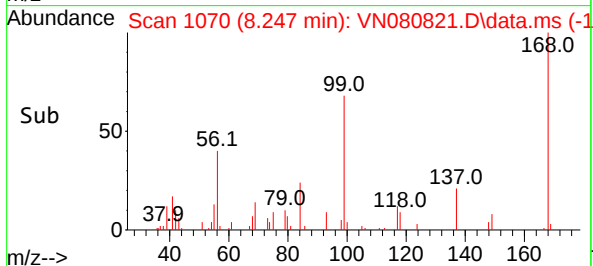
Ion	Ratio	Lower	Upper
56	100		
69	36.5	20.1	30.1
84	60.2	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#32

1,1,1-Trichloroethane

Concen: 5.212 ug/l

RT: 8.177 min Scan# 1058

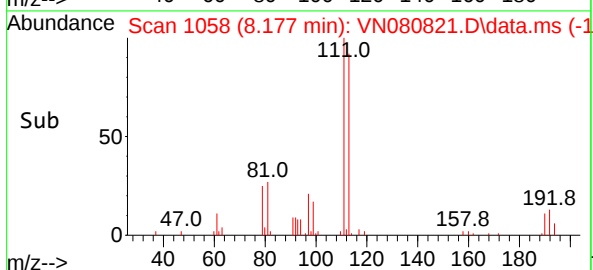
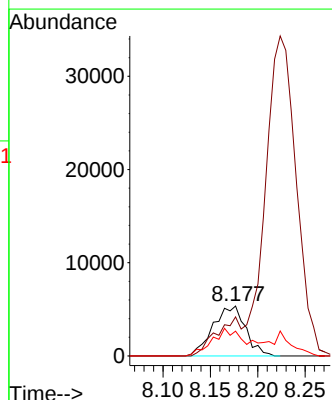
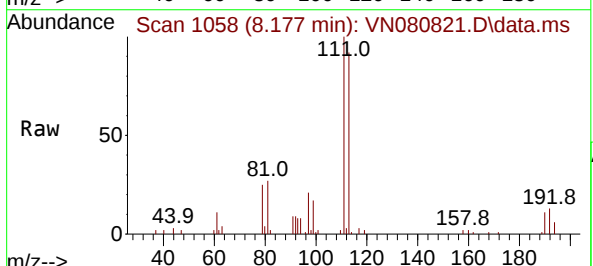
Delta R.T. 0.006 min

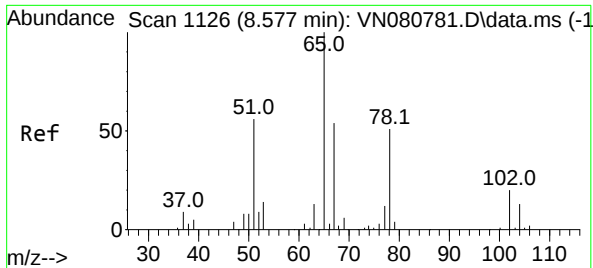
Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion: 97 Resp: 12783

Ion	Ratio	Lower	Upper
97	100		
99	58.8	53.4	80.0
61	48.0	43.8	65.8





#33

1,2-Dichloroethane-d4

Concen: 55.568 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 65 Resp: 10080

Ion Ratio Lower Upper

65 100

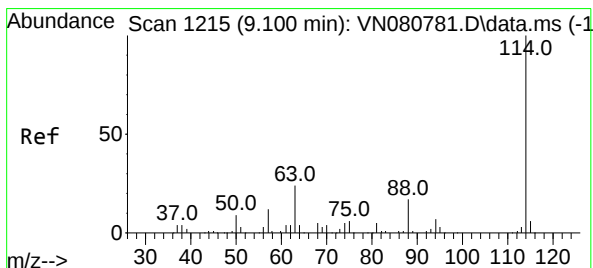
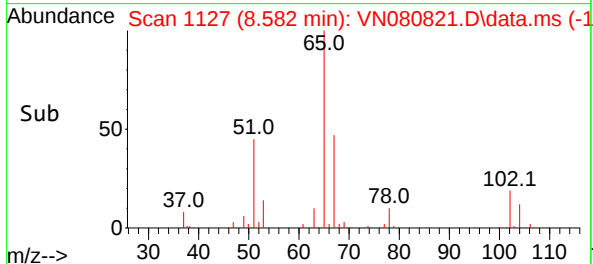
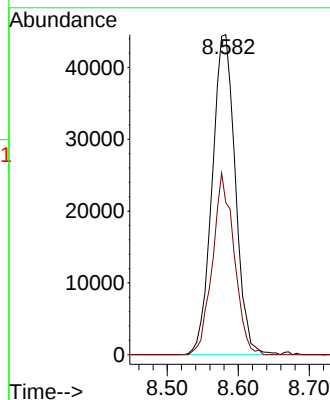
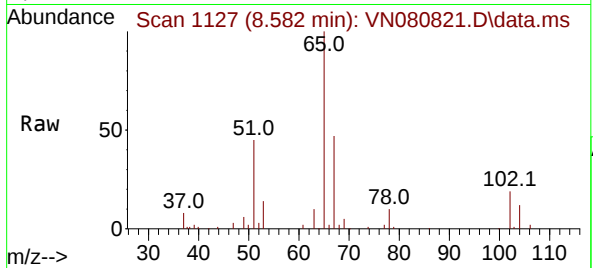
67 53.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

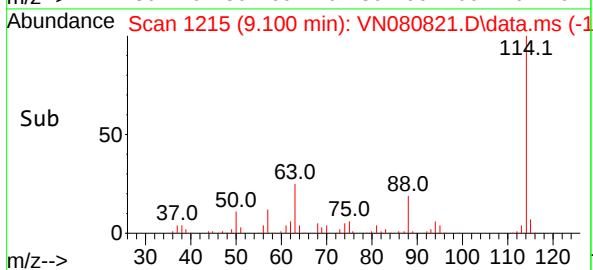
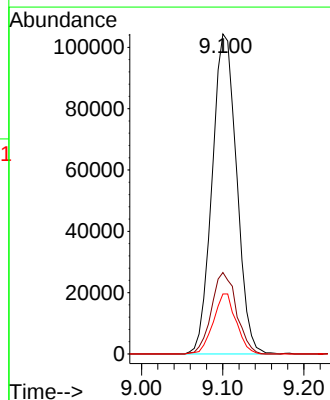
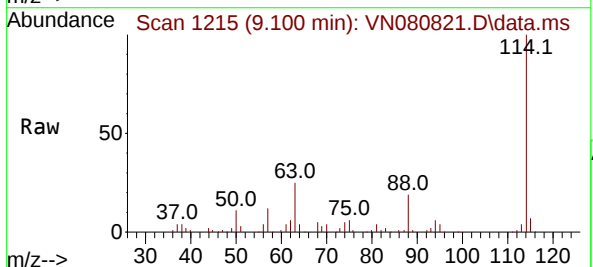
Tgt Ion:114 Resp: 218891

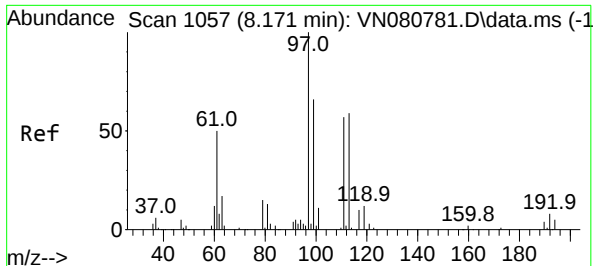
Ion Ratio Lower Upper

114 100

63 25.4 0.0 48.0

88 18.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.140 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

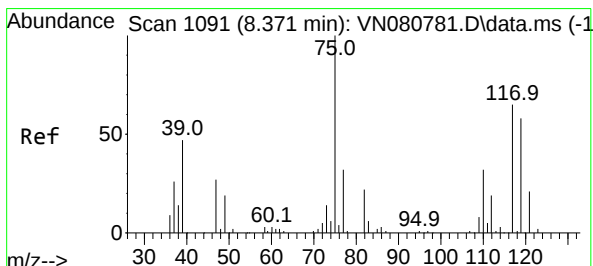
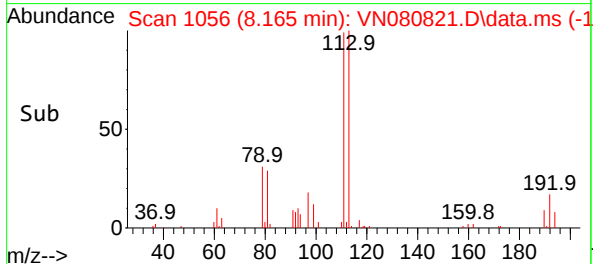
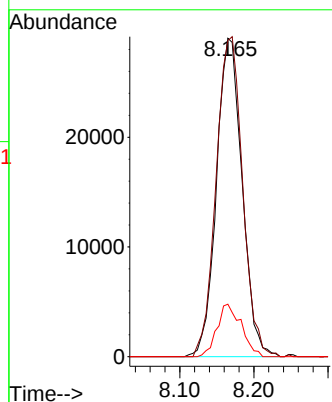
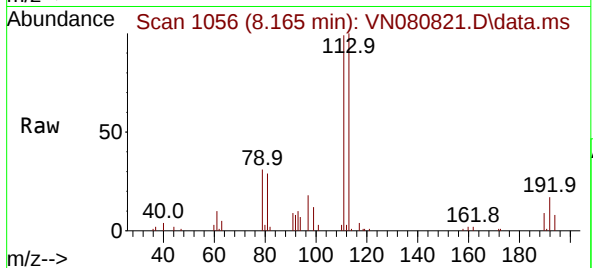
Tgt Ion:	113	Resp:	6982
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	15.6	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#36

1,1-Dichloropropene

Concen: 5.079 ug/l

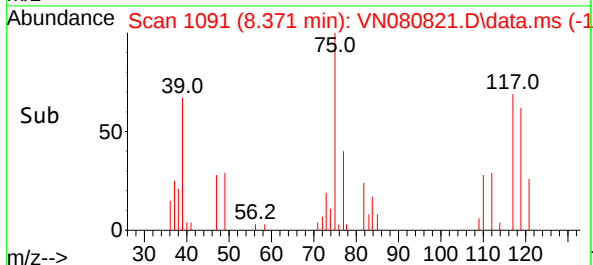
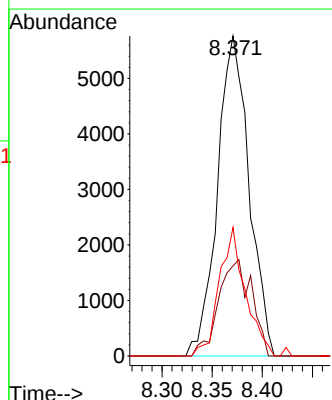
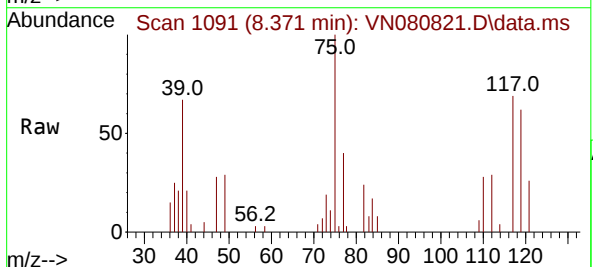
RT: 8.371 min Scan# 1091

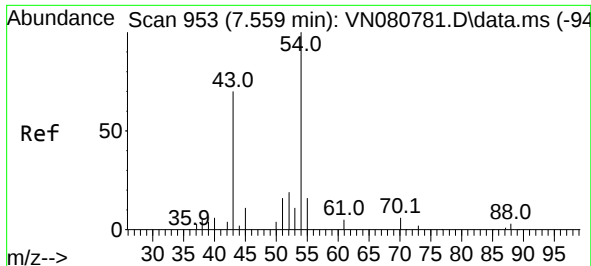
Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

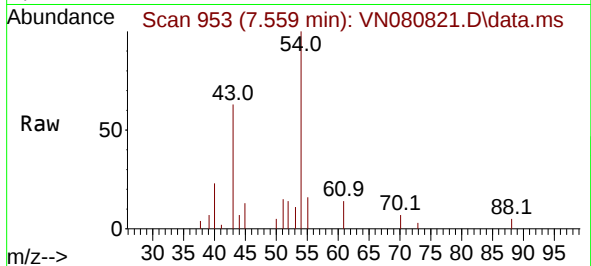
Tgt Ion:	75	Resp:	12642
Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.0	48.0
77	33.2	25.8	38.6





#37
Ethyl Acetate
Concen: 5.449 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

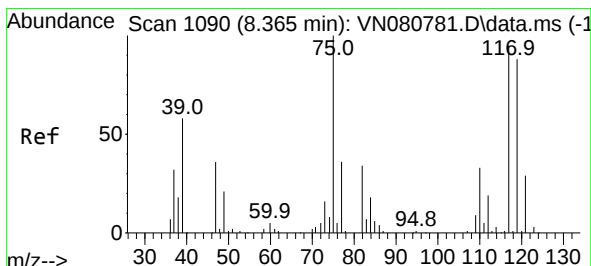
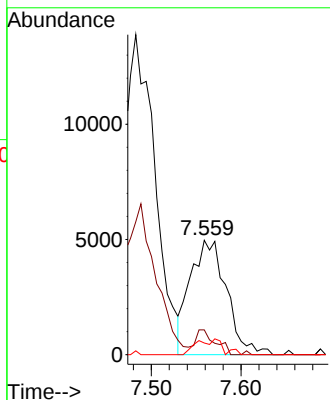
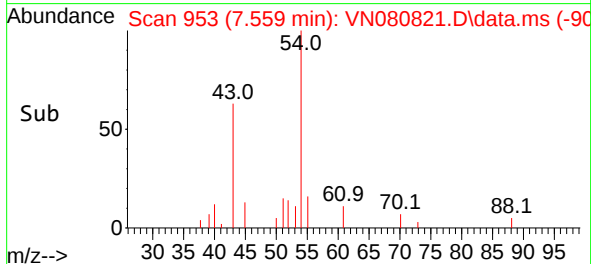
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 13962
Ion Ratio Lower Upper
43 100
61 11.8 10.6 15.8
70 5.6 8.0 12.0

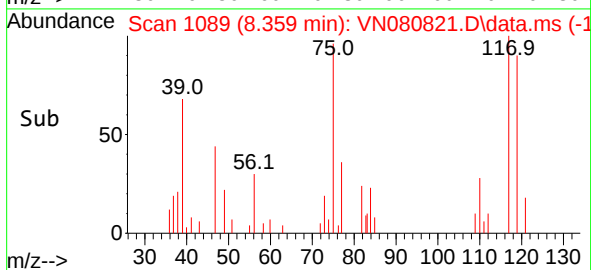
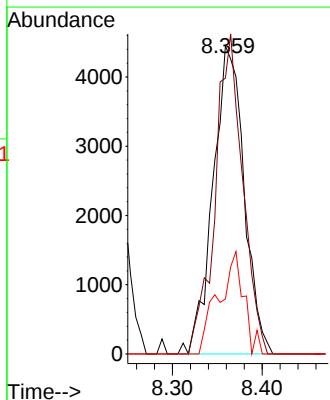
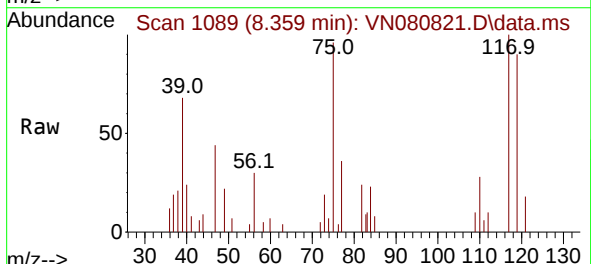
Manual Integrations
APPROVED

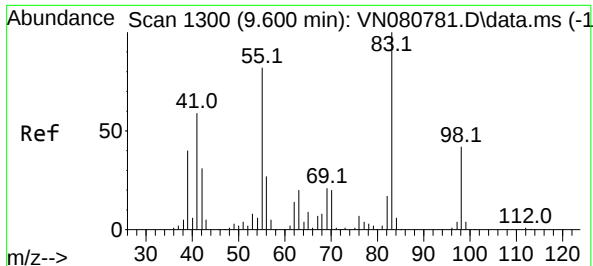
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#38
Carbon Tetrachloride
Concen: 5.326 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:117 Resp: 10681
Ion Ratio Lower Upper
117 100
119 89.5 73.4 110.2
121 17.8 24.4 36.6





#39

Methylcyclohexane

Concen: 4.748 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 1174

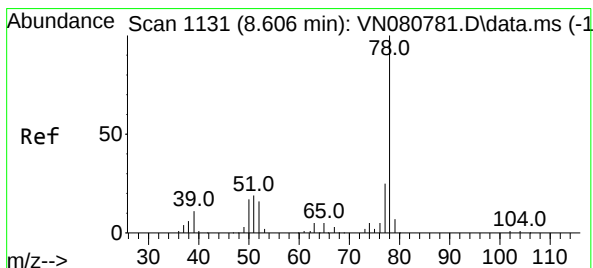
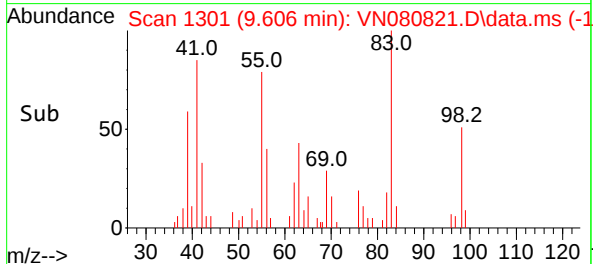
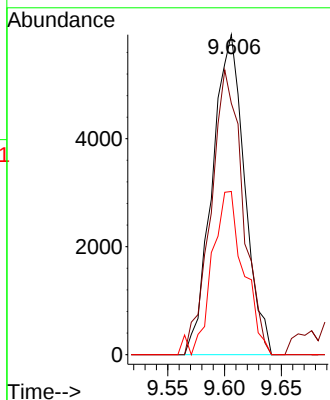
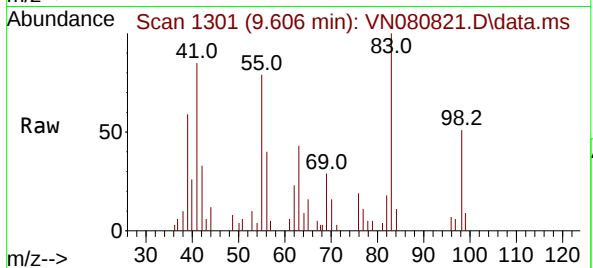
Ion	Ratio	Lower	Upper
83	100		
55	78.6	65.7	98.5
98	51.0	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#40

Benzene

Concen: 5.515 ug/l

RT: 8.606 min Scan# 1131

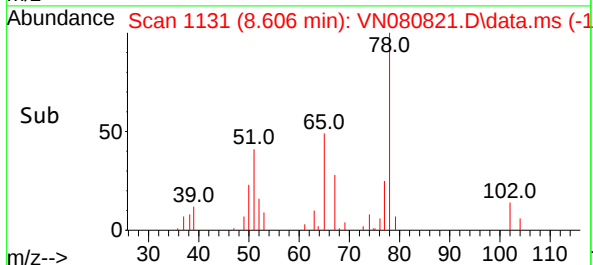
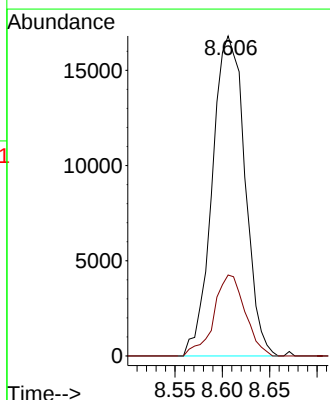
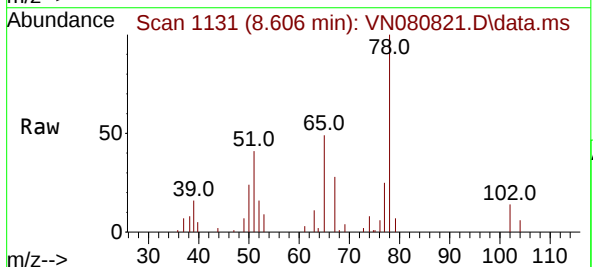
Delta R.T. 0.000 min

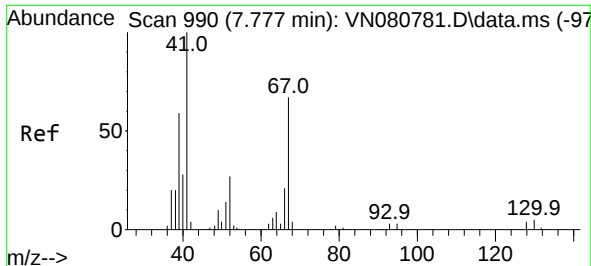
Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion: 78 Resp: 40343

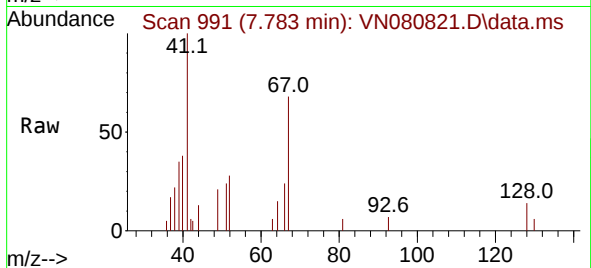
Ion	Ratio	Lower	Upper
78	100		
77	25.3	20.4	30.6





#41
Methacrylonitrile
Concen: 4.807 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

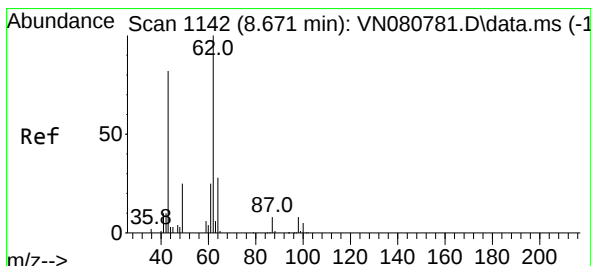
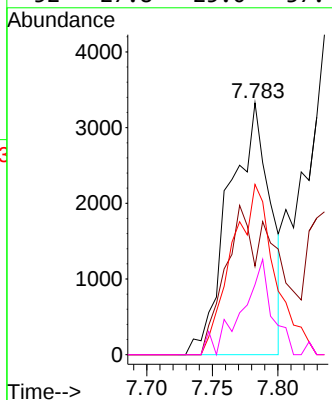
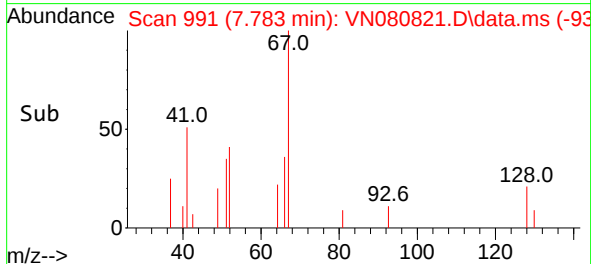
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 7260
Ion Ratio Lower Upper
41 100
39 40.6 48.4 72.6
67 70.7 56.8 85.2
52 27.8 25.0 37.4

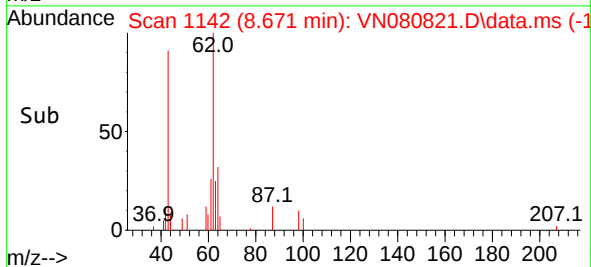
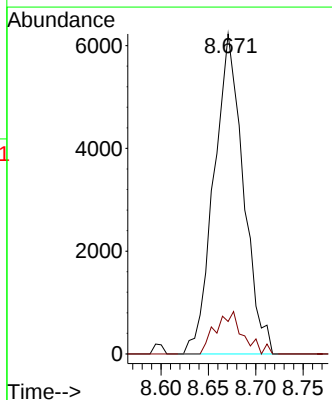
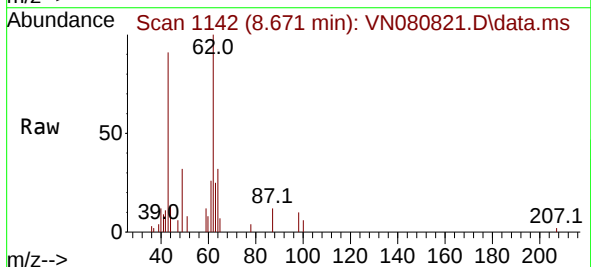
Manual Integrations
APPROVED

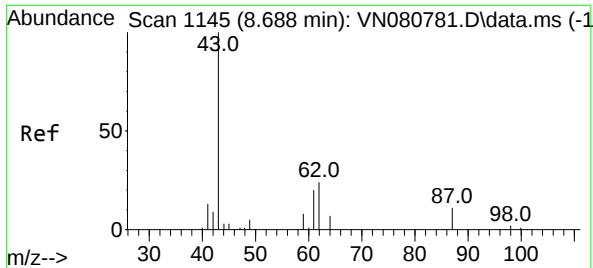
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#42
1,2-Dichloroethane
Concen: 5.643 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 62 Resp: 13450
Ion Ratio Lower Upper
62 100
98 12.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 5.642 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

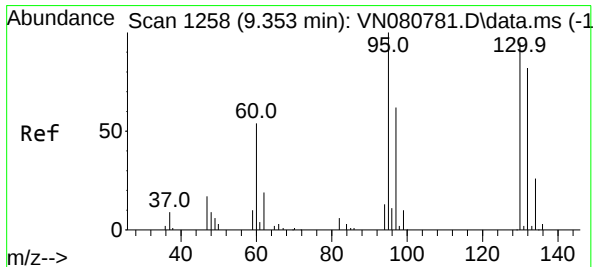
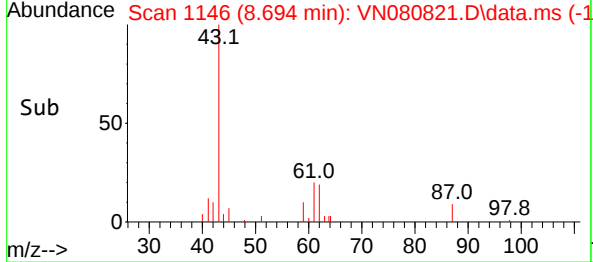
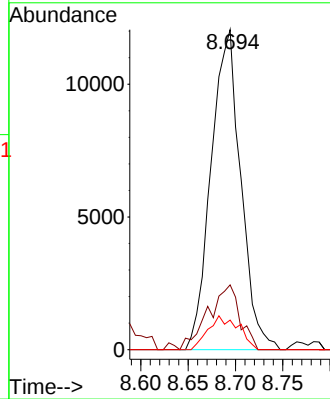
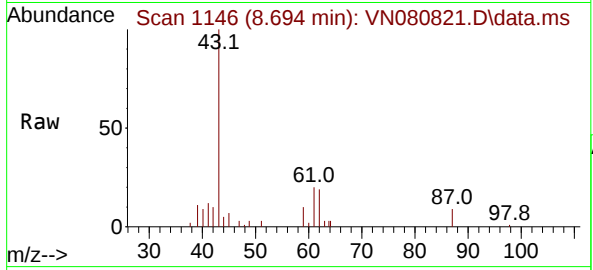
Tgt Ion: 43	Resp: 26319
Ion Ratio	Lower Upper
43 100	
61 22.2	19.9 29.9
87 10.9	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#44

Trichloroethene

Concen: 5.150 ug/l

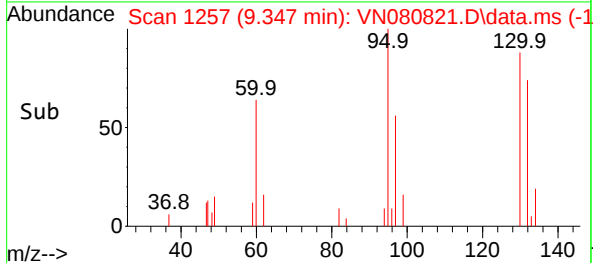
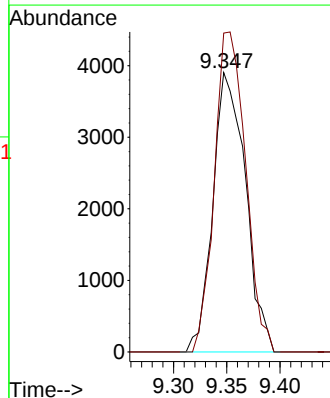
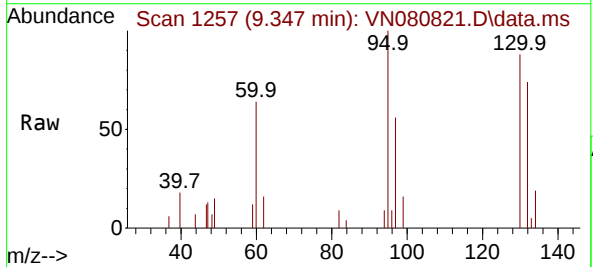
RT: 9.347 min Scan# 1257

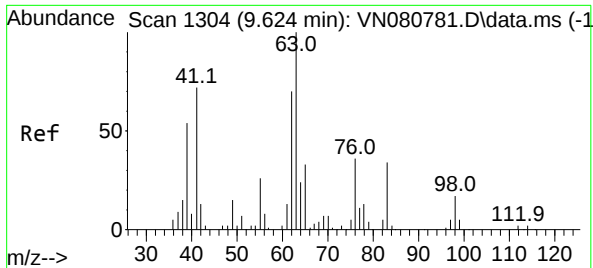
Delta R.T. -0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion:130	Resp: 8299
Ion Ratio	Lower Upper
130 100	
95 114.1	0.0 210.4





#45

1,2-Dichloropropane

Concen: 5.847 ug/l

RT: 9.624 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 63 Resp: 1157

Ion Ratio Lower Upper

63 100

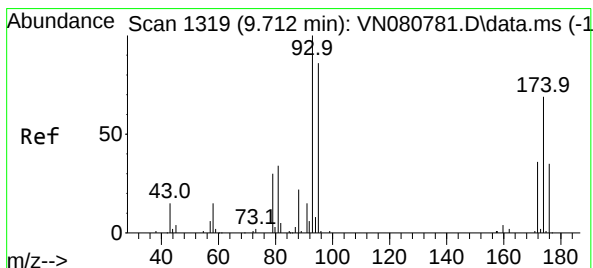
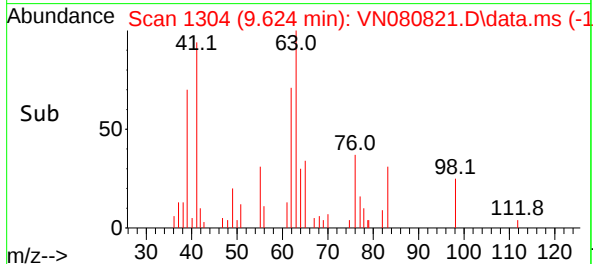
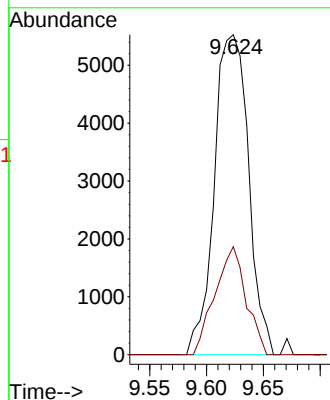
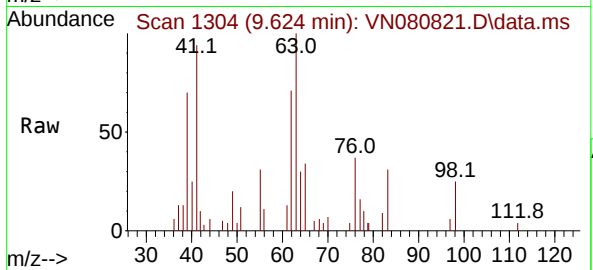
65 33.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#46

Dibromomethane

Concen: 5.473 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

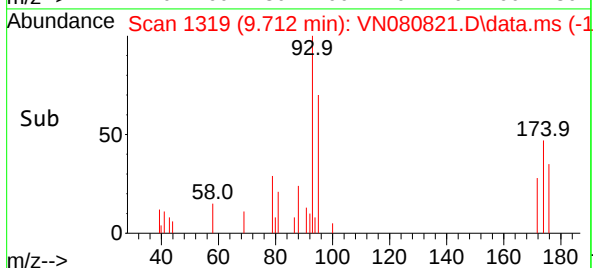
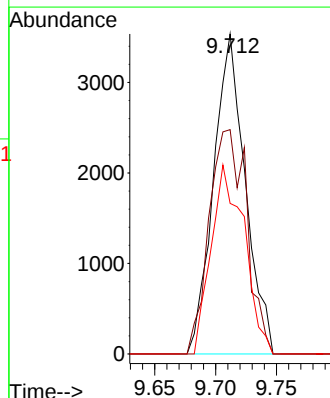
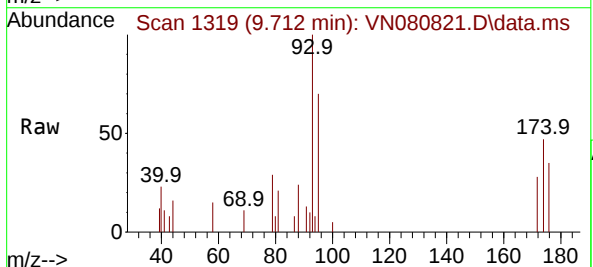
Tgt Ion: 93 Resp: 6423

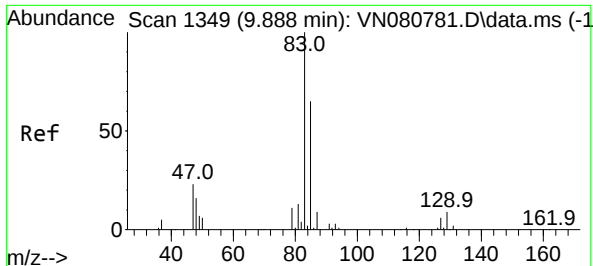
Ion Ratio Lower Upper

93 100

95 82.6 68.1 102.1

174 61.4 57.2 85.8





#47

Bromodichloromethane

Concen: 5.469 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

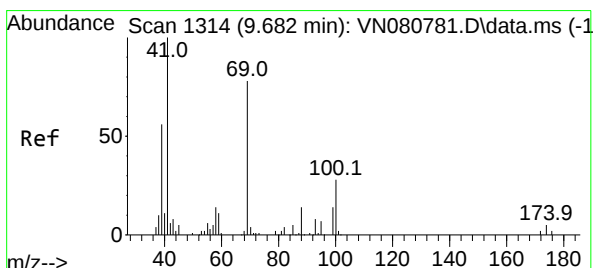
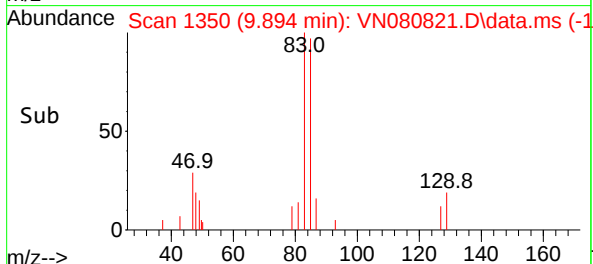
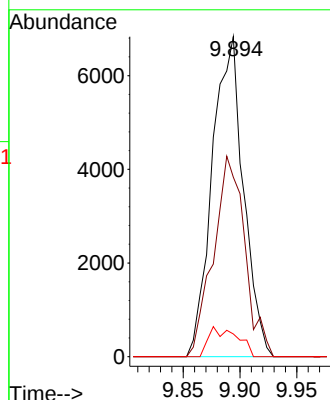
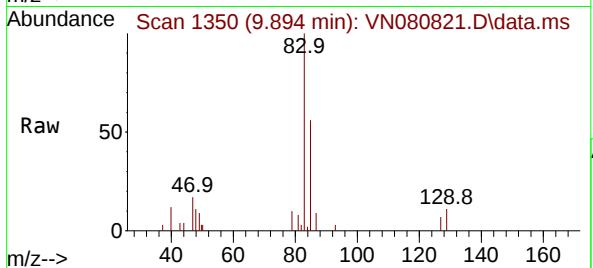
Tgt Ion: 83	Resp: 1303
Ion Ratio	Lower Upper
83 100	
85 56.1	52.3 78.5
127 7.1	4.6 7.0

Manual Integrations

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Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#48

Methyl methacrylate

Concen: 5.731 ug/l

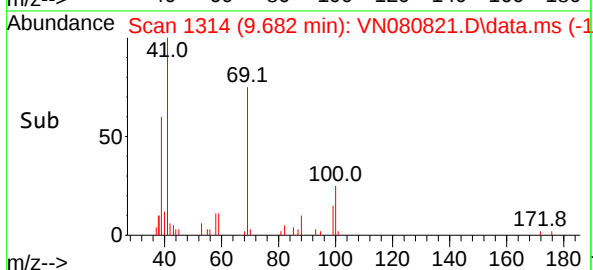
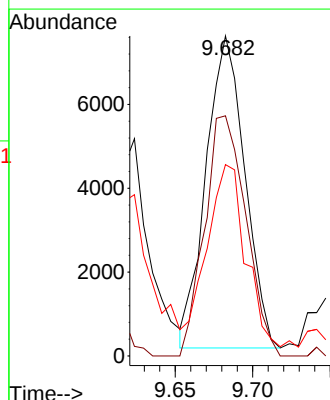
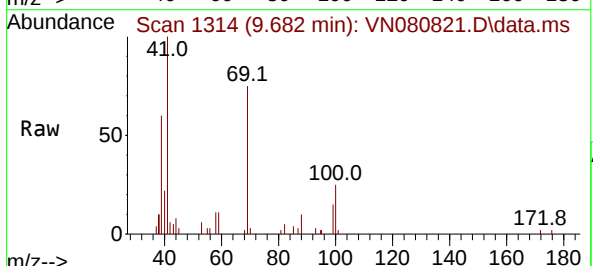
RT: 9.682 min Scan# 1314

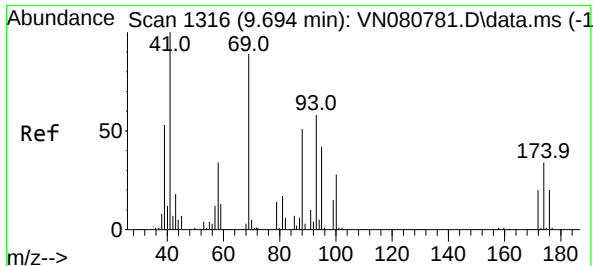
Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion: 41	Resp: 12961
Ion Ratio	Lower Upper
41 100	
69 82.1	62.2 93.2
39 58.2	47.6 71.4





#49

1,4-Dioxane

Concen: 118.565 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 88 Resp: 3230

Ion Ratio Lower Upper

88 100

43 43.5 30.1 45.1

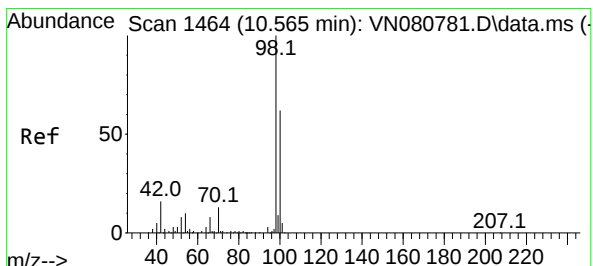
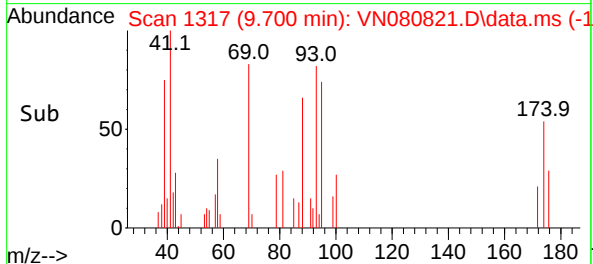
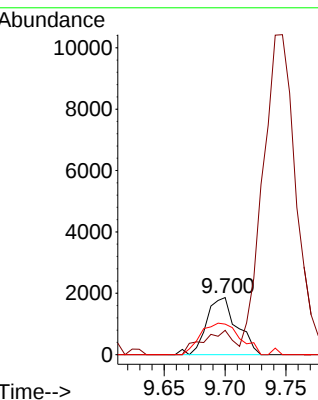
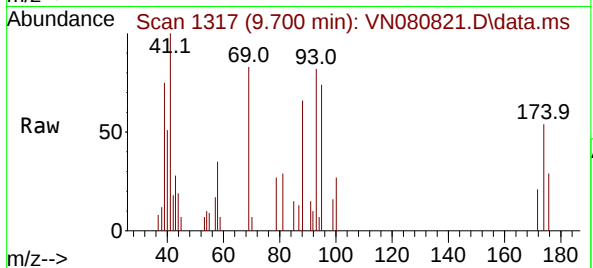
58 71.7 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#50

Toluene-d8

Concen: 51.944 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080821.D

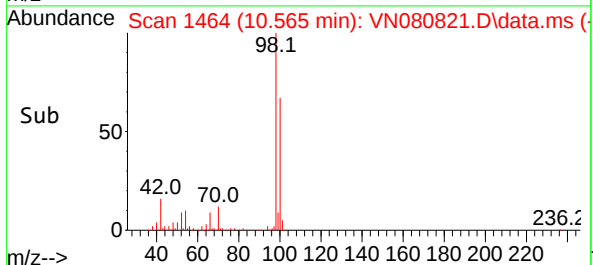
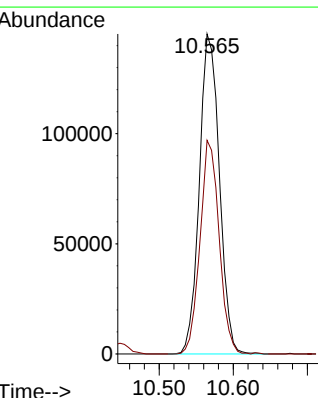
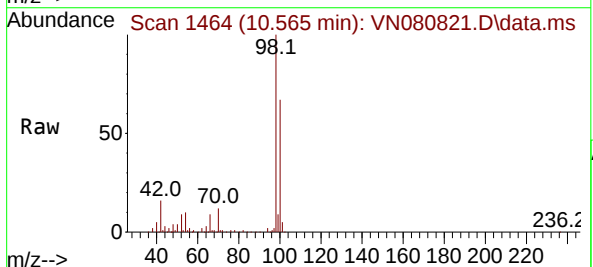
Acq: 30 Jan 2024 17:59

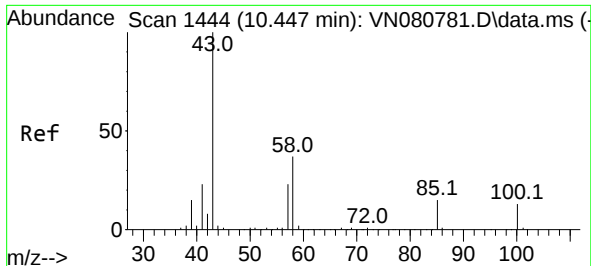
Tgt Ion: 98 Resp: 272263

Ion Ratio Lower Upper

98 100

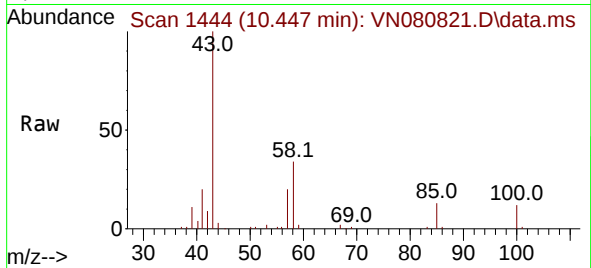
100 63.7 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 26.221 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

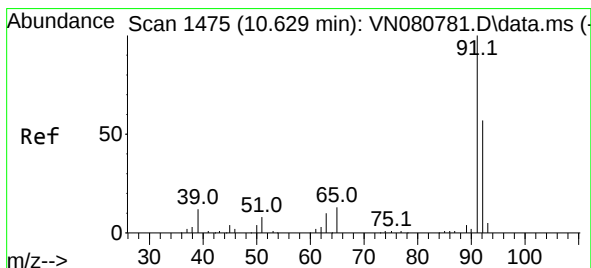
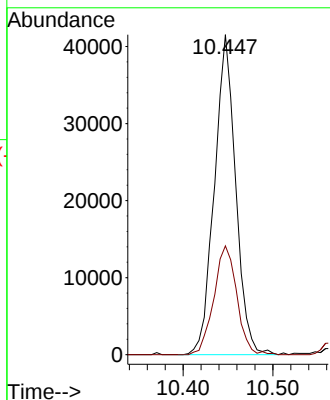
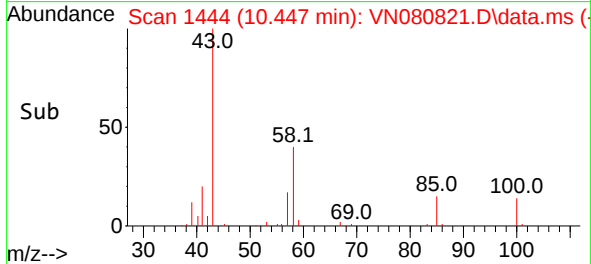
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 6838
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0

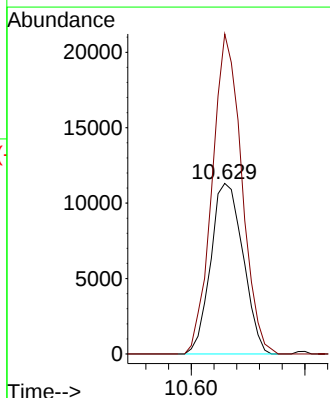
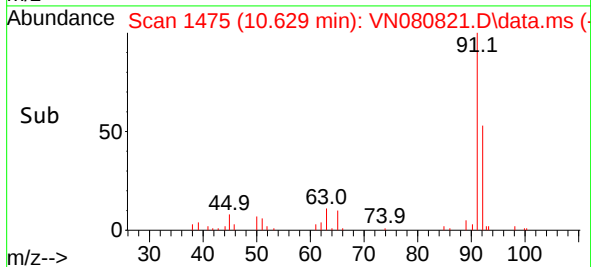
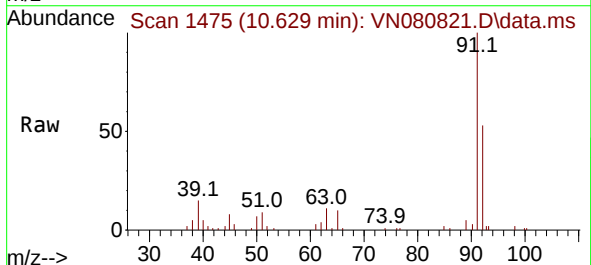
Manual Integrations
APPROVED

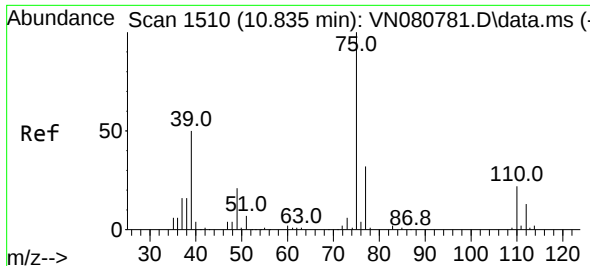
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#52
Toluene
Concen: 5.318 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

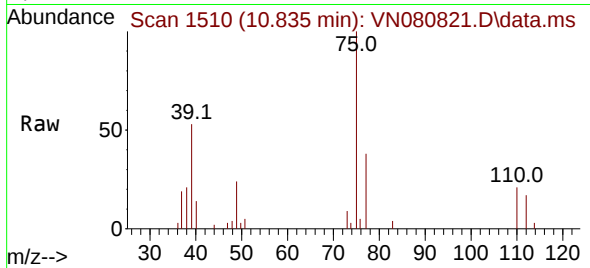
Tgt Ion: 92 Resp: 22307
Ion Ratio Lower Upper
92 100
91 172.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 4.444 ug/l
RT: 10.835 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

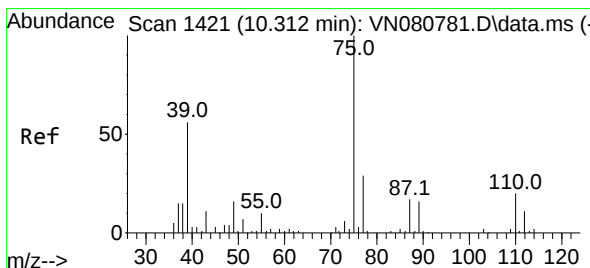
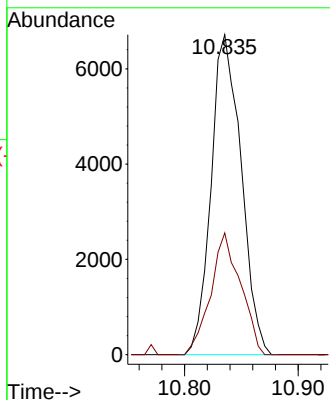
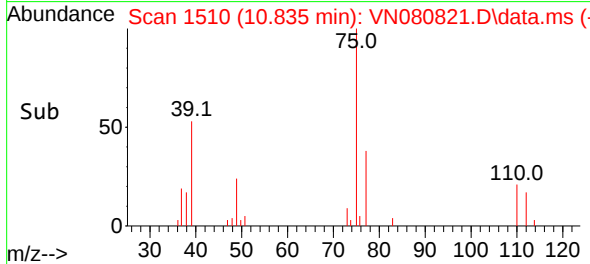
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



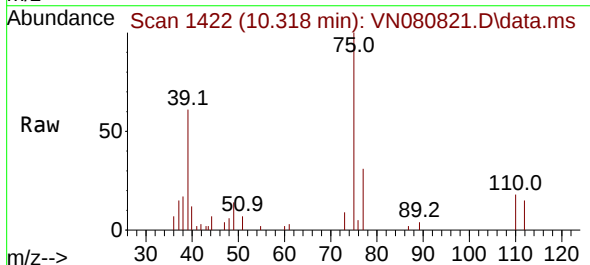
Tgt Ion: 75 Resp: 1233
Ion Ratio Lower Upper
75 100
77 38.1 25.5 38.3

Manual Integrations
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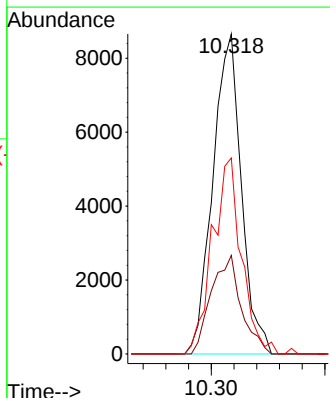
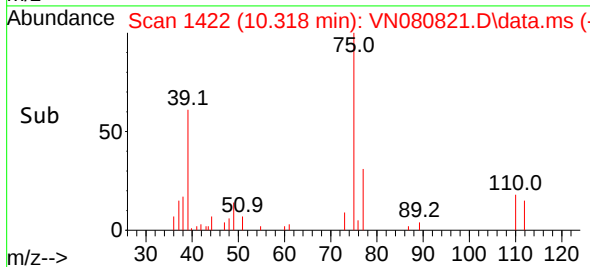
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

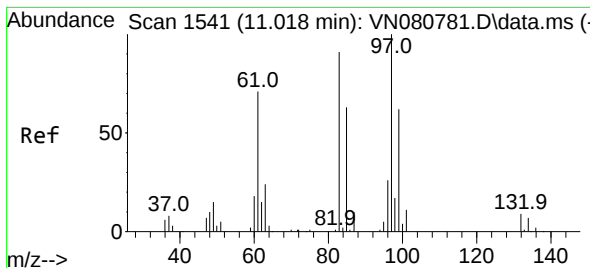


#54
cis-1,3-Dichloropropene
Concen: 5.004 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59



Tgt Ion: 75 Resp: 15106
Ion Ratio Lower Upper
75 100
77 30.8 23.3 34.9
39 61.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 5.402 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080821.D

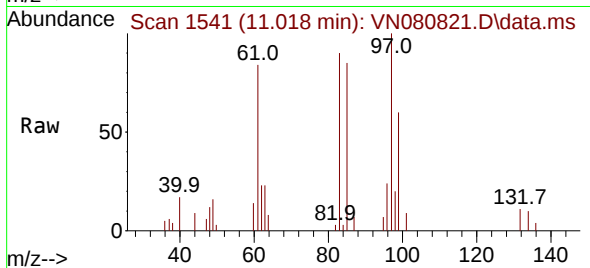
Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 97 Resp: 870

Ion Ratio Lower Upper

97 100

83 90.3 72.9 109.3

85 85.0 50.2 75.2

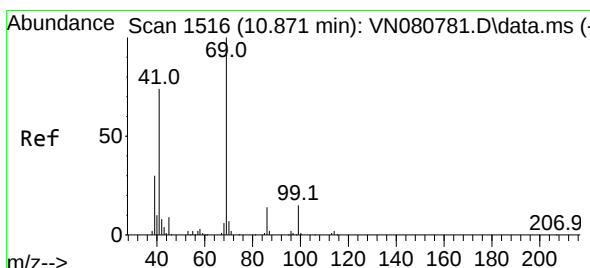
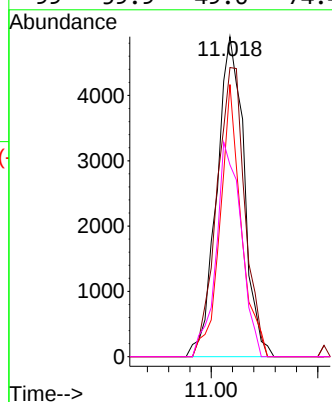
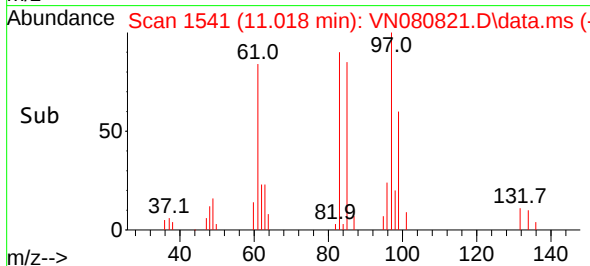
99 59.9 49.6 74.4

Manual Integrations

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Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#56

Ethyl methacrylate

Concen: 4.360 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

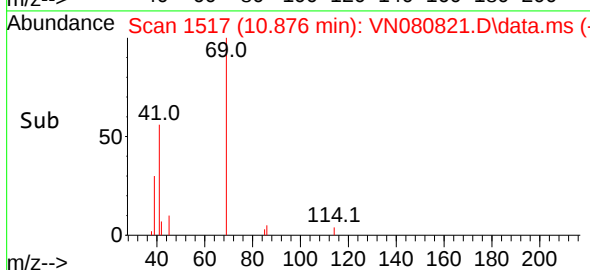
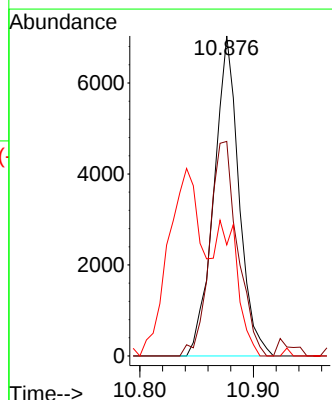
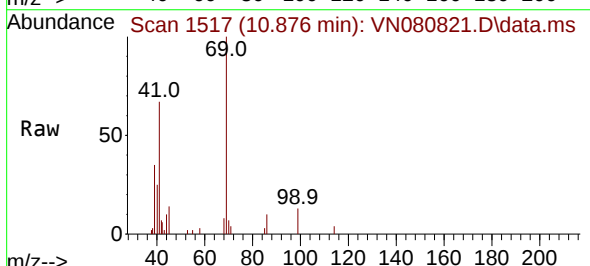
Tgt Ion: 69 Resp: 10805

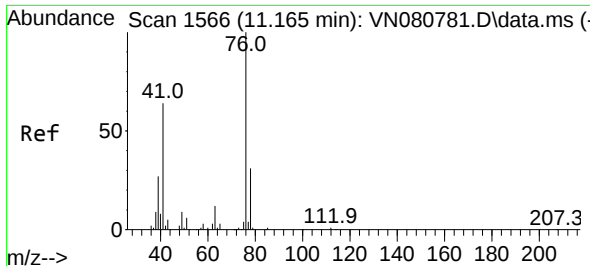
Ion Ratio Lower Upper

69 100

41 74.6 61.0 91.6

39 33.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 5.324 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 1615

Ion Ratio Lower Upper

76 100

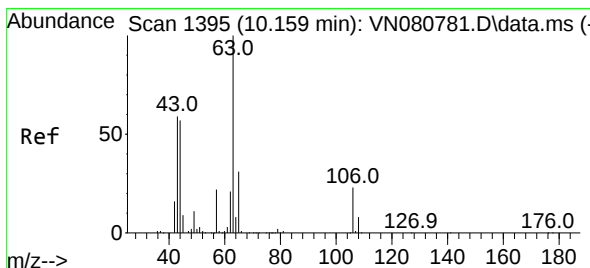
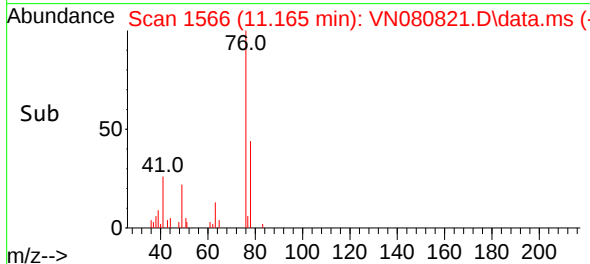
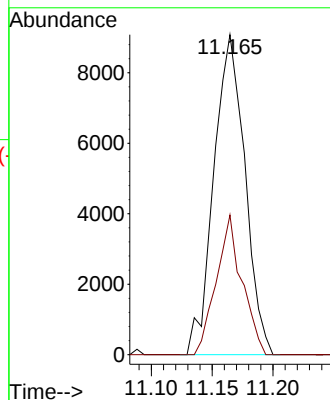
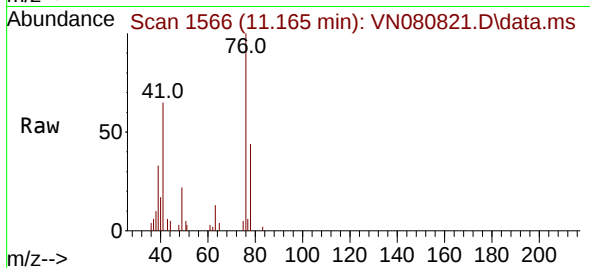
78 36.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 25.741 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080821.D

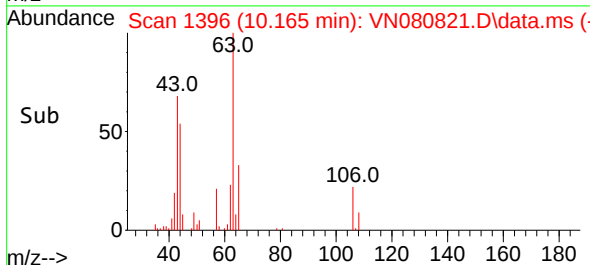
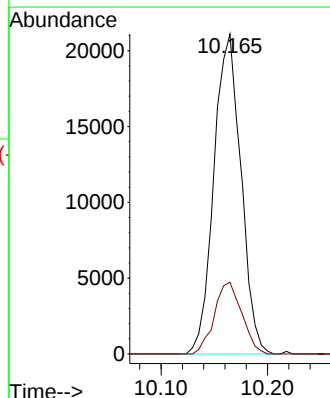
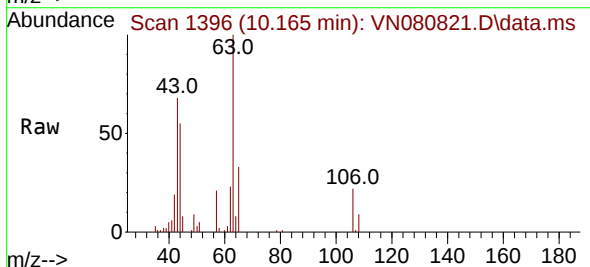
Acq: 30 Jan 2024 17:59

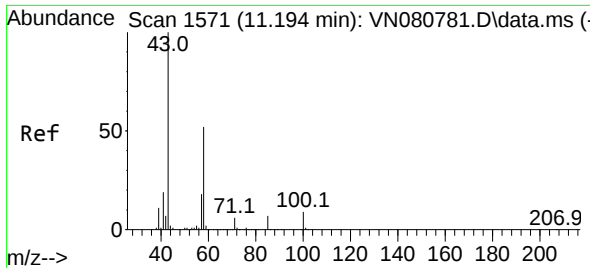
Tgt Ion: 63 Resp: 37187

Ion Ratio Lower Upper

63 100

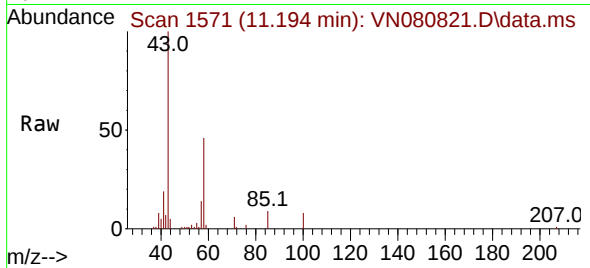
106 22.8 18.6 28.0





#59
2-Hexanone
Concen: 26.002 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

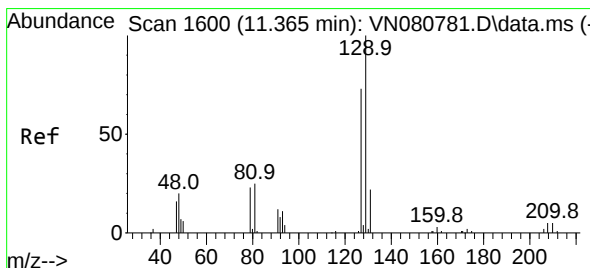
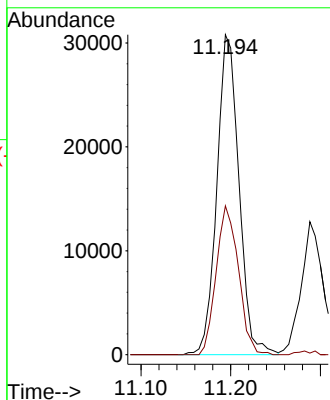
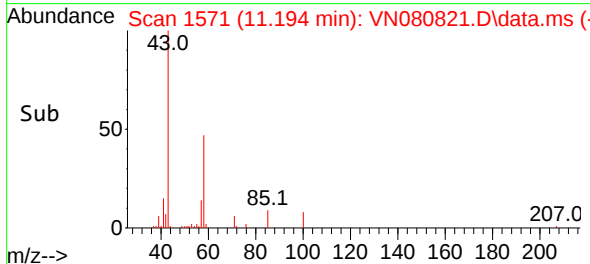
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 52674
Ion Ratio Lower Upper
43 100
58 46.8 25.9 77.8

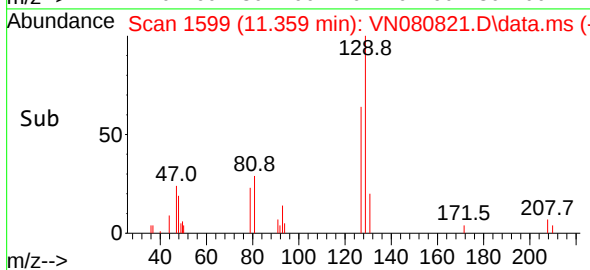
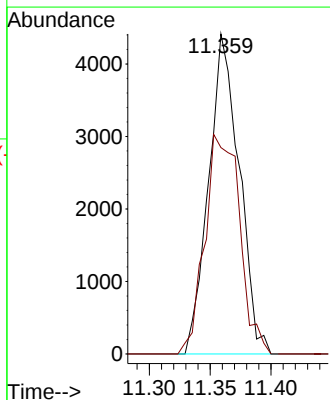
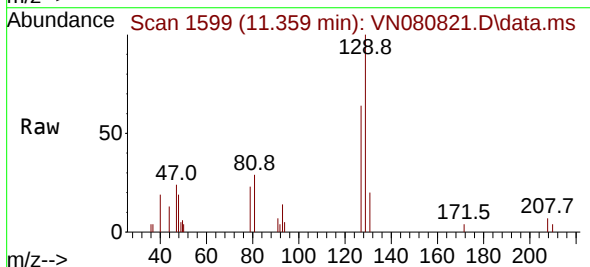
Manual Integrations
APPROVED

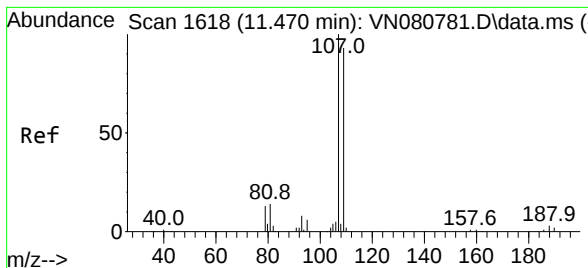
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#60
Dibromochloromethane
Concen: 5.142 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

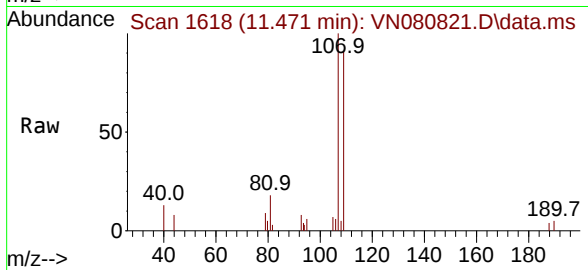
Tgt Ion:129 Resp: 7710
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 5.380 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

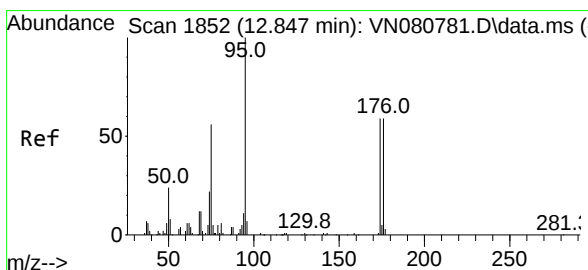
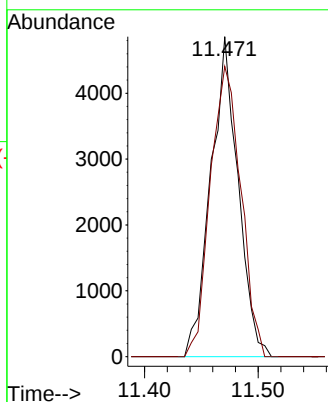
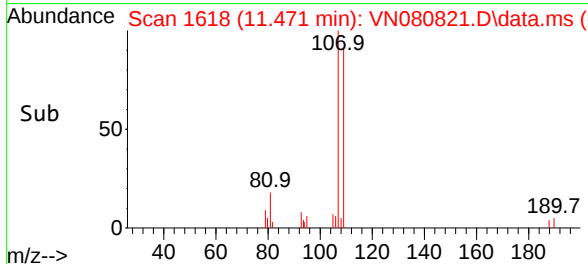
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



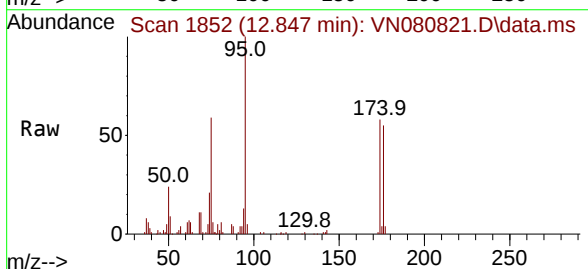
Tgt Ion:107 Resp: 8128
Ion Ratio Lower Upper
107 100
109 101.2 73.4 110.2

Manual Integrations
APPROVED

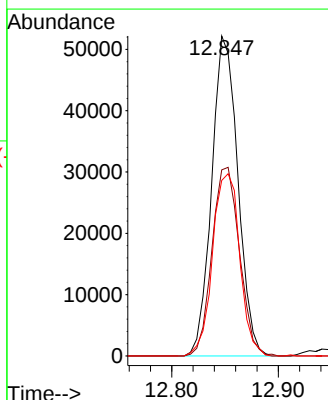
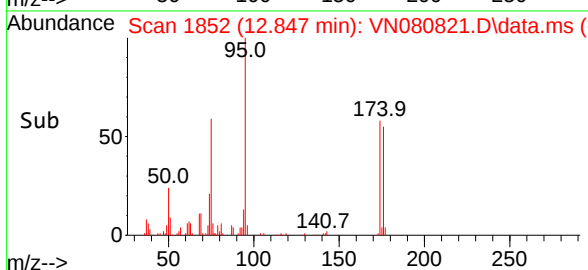
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

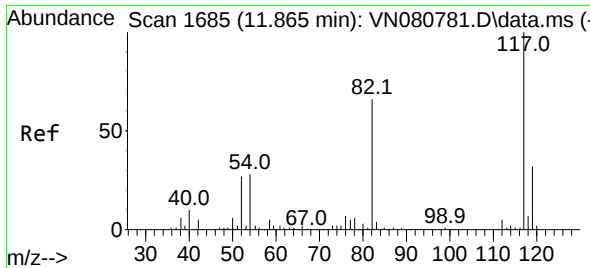


#62
4-Bromofluorobenzene
Concen: 48.712 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59



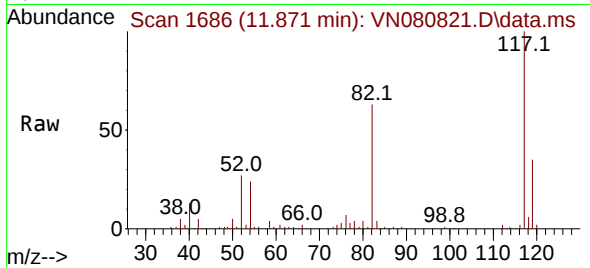
Tgt Ion: 95 Resp: 88973
Ion Ratio Lower Upper
95 100
174 61.8 0.0 120.4
176 59.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

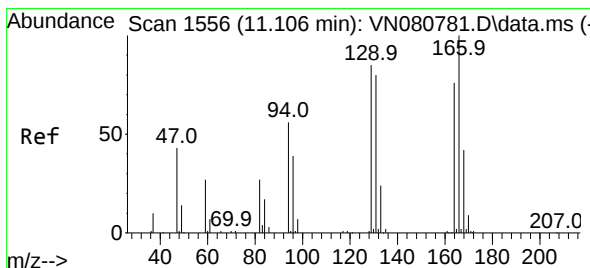
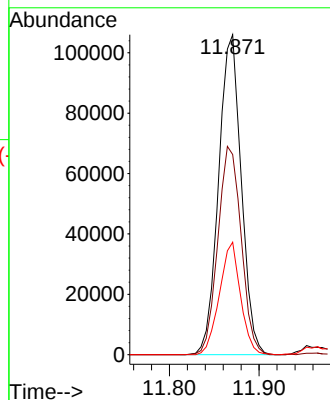
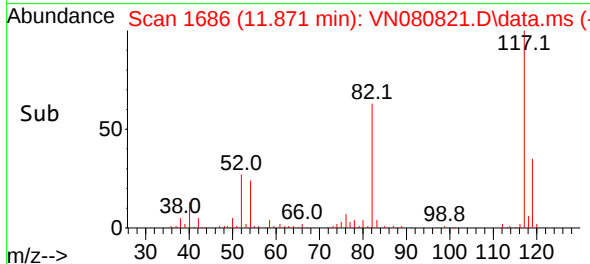
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:117 Resp: 18567
Ion Ratio Lower Upper
117 100
82 62.6 52.7 79.1
119 35.1 25.3 37.9

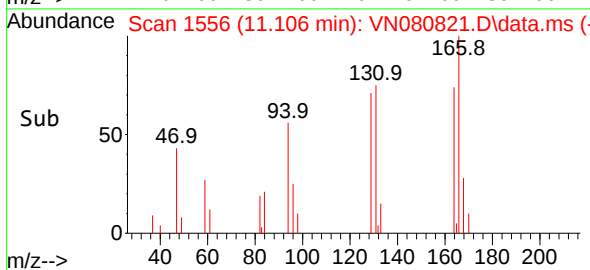
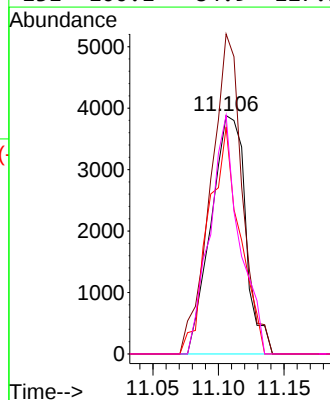
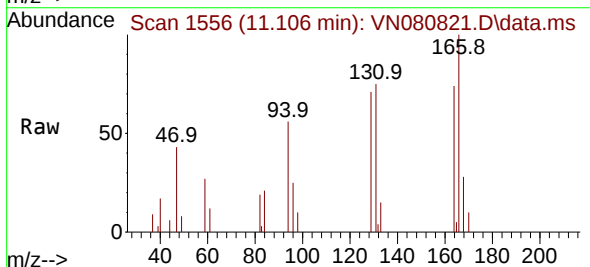
Manual Integrations
APPROVED

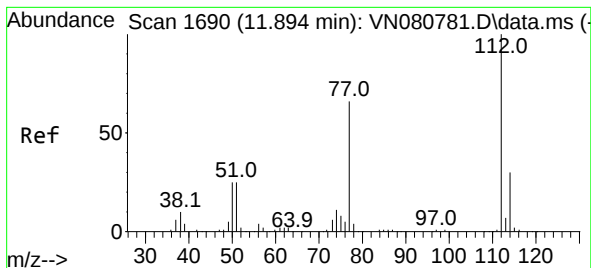
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#64
Tetrachloroethene
Concen: 5.810 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:164 Resp: 7090
Ion Ratio Lower Upper
164 100
166 134.2 105.8 158.6
129 95.1 89.6 134.4
131 100.1 84.9 127.3





#65

Chlorobenzene

Concen: 5.269 ug/l

RT: 11.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:112 Resp: 2135

Ion Ratio Lower Upper

112 100

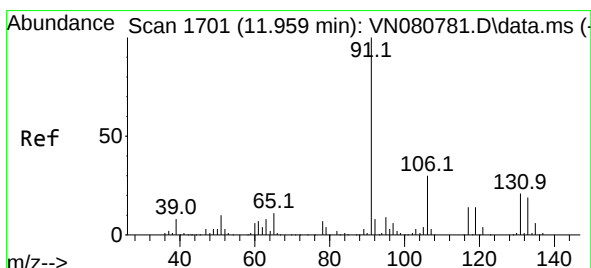
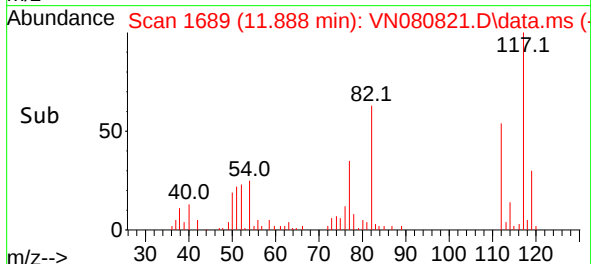
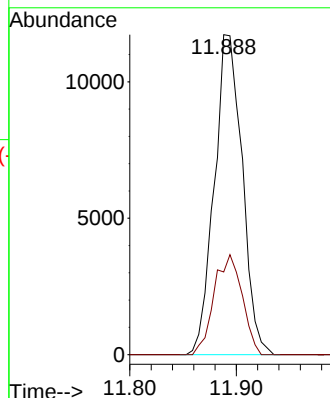
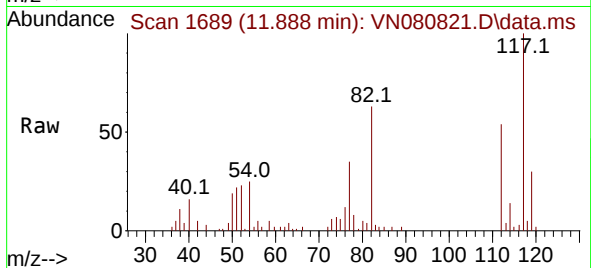
114 25.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 4.928 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

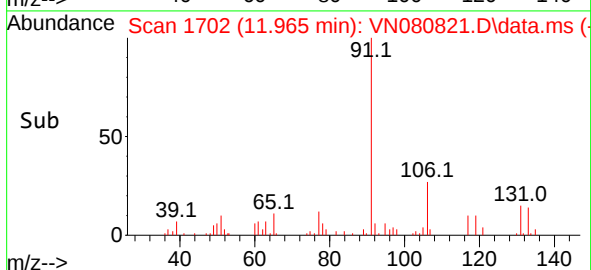
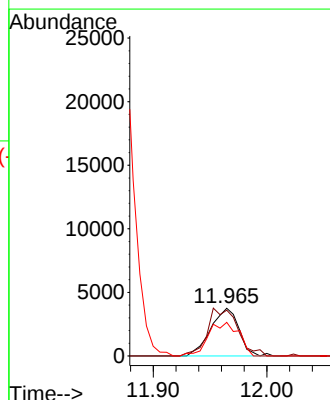
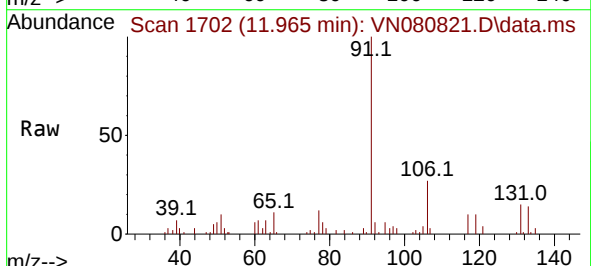
Tgt Ion:131 Resp: 6494

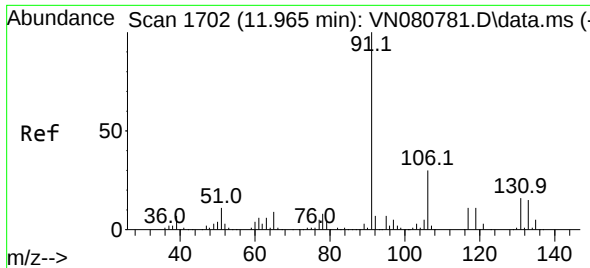
Ion Ratio Lower Upper

131 100

133 107.1 46.8 140.3

119 76.1 34.6 103.9





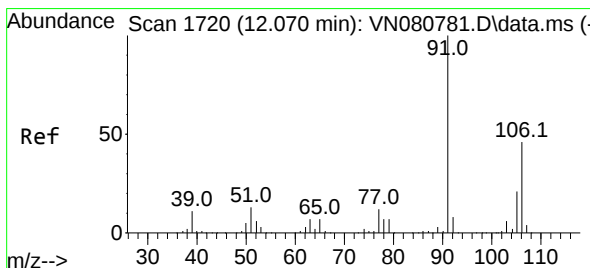
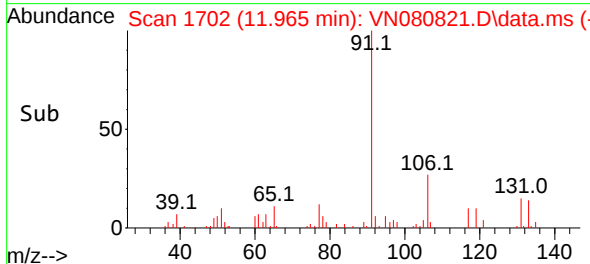
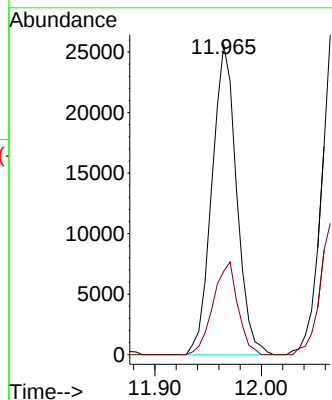
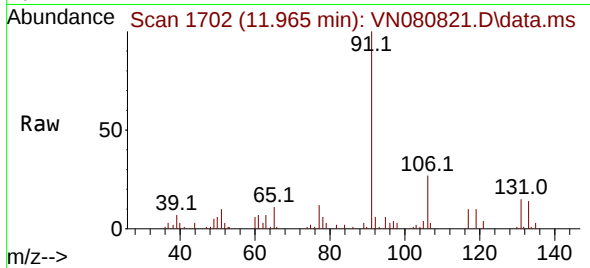
#67
Ethyl Benzene
Concen: 5.454 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 4108
Ion Ratio Lower Upper
91 100
106 26.9 23.8 35.6

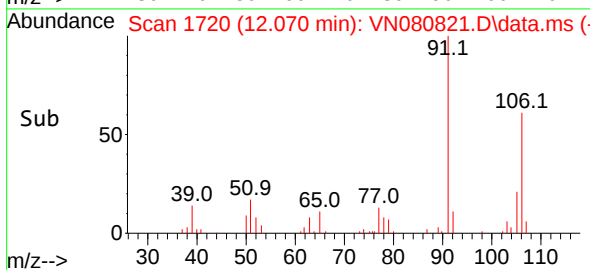
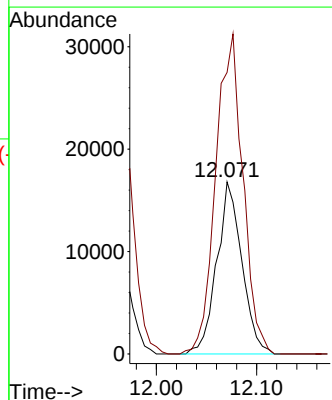
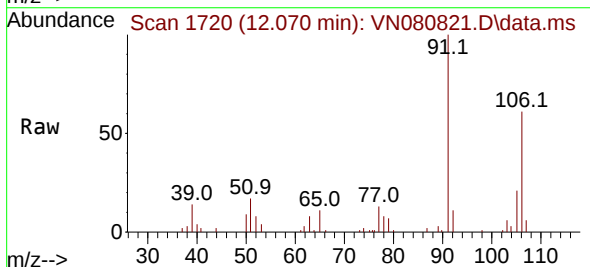
Manual Integrations
APPROVED

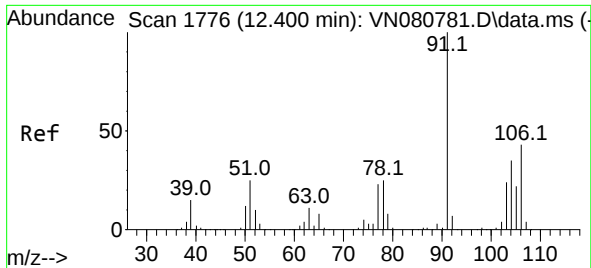
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#68
m/p-Xylenes
Concen: 10.927 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:106 Resp: 29226
Ion Ratio Lower Upper
106 100
91 201.5 169.0 253.6





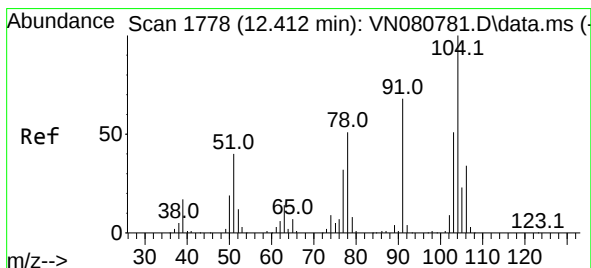
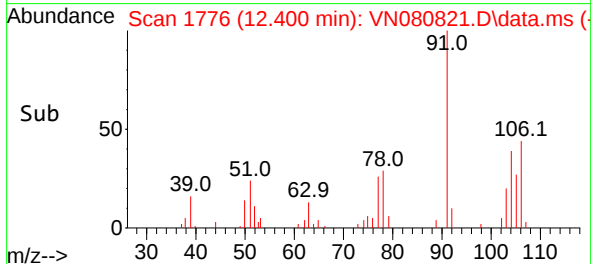
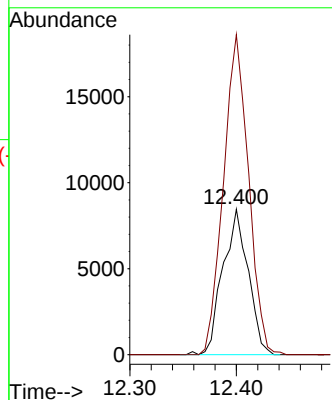
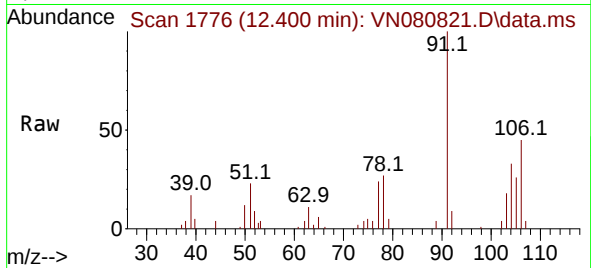
#69
o-Xylene
Concen: 5.257 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 13972
Ion Ratio Lower Upper
106 100
91 217.8 112.1 336.3

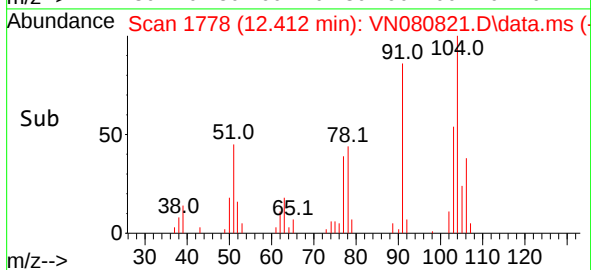
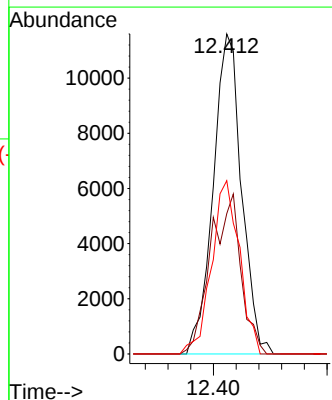
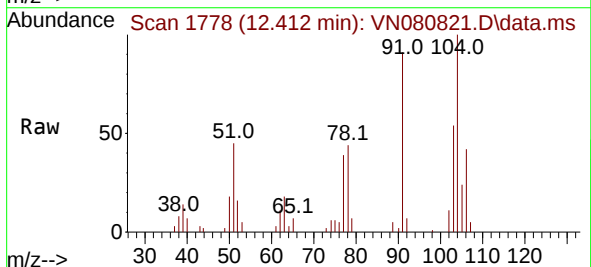
Manual Integrations
APPROVED

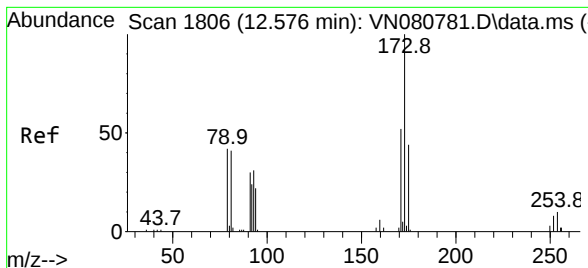
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#70
Styrene
Concen: 4.708 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:104 Resp: 20097
Ion Ratio Lower Upper
104 100
78 53.5 43.8 65.8
103 53.1 44.2 66.2





#71

Bromoform

Concen: 5.361 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:173 Resp: 477

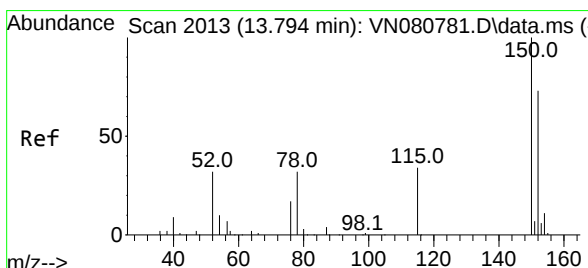
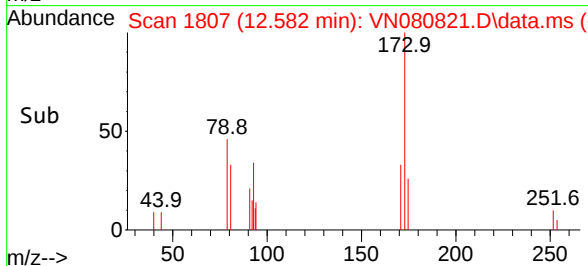
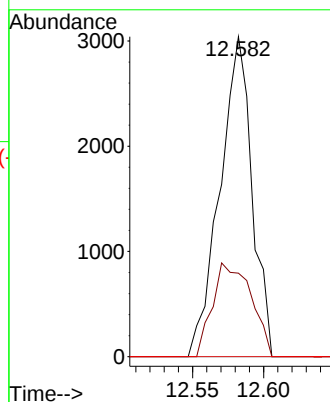
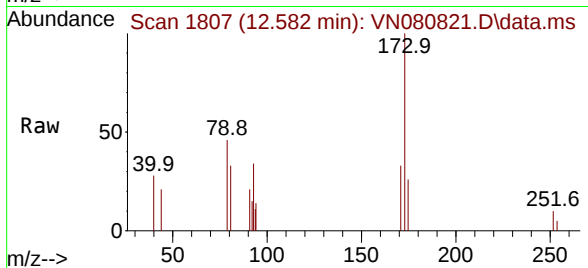
Ion	Ratio	Lower	Upper
173	100		
175	35.2	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

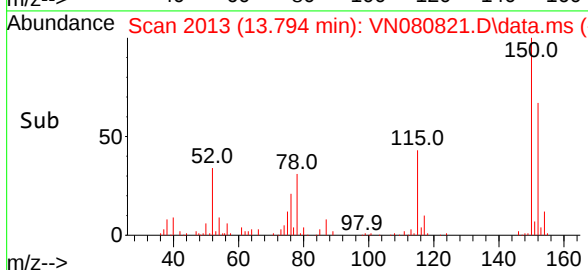
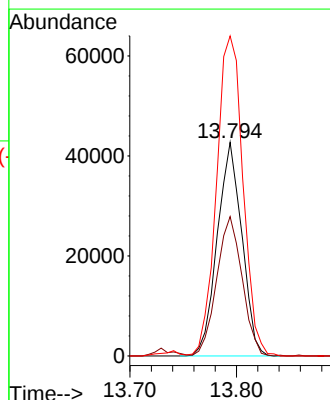
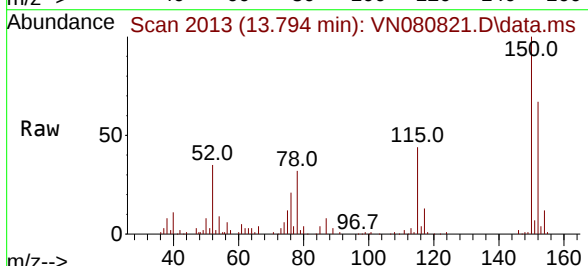
Delta R.T. 0.000 min

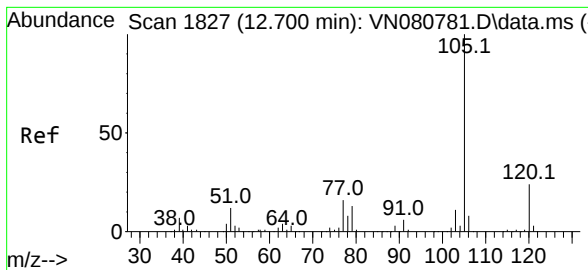
Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion:152 Resp: 68394

Ion	Ratio	Lower	Upper
152	100		
115	67.5	32.3	96.8
150	161.2	0.0	339.8





#73

Isopropylbenzene

Concen: 5.058 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 3168

Ion Ratio Lower Upper

105 100

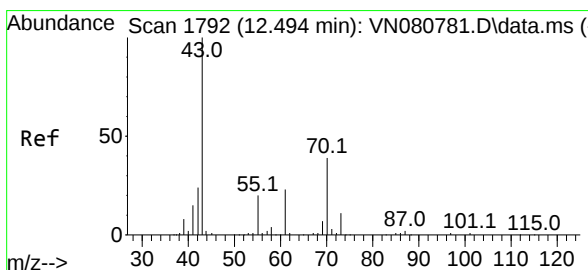
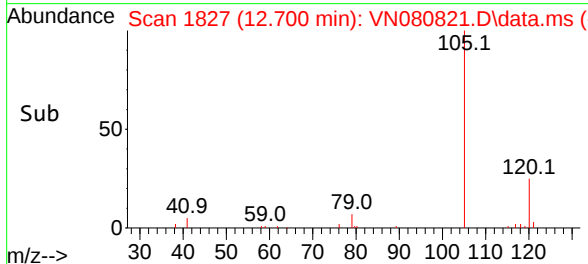
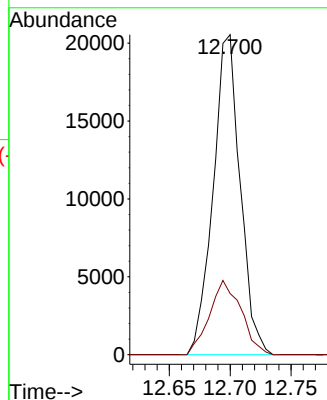
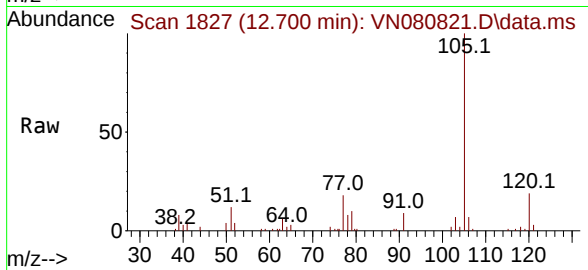
120 27.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#74

N-ethyl acetate

Concen: 5.348 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion: 43 Resp: 20795

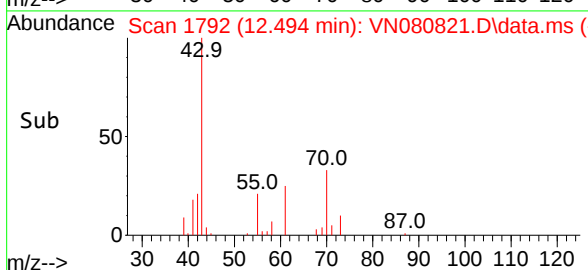
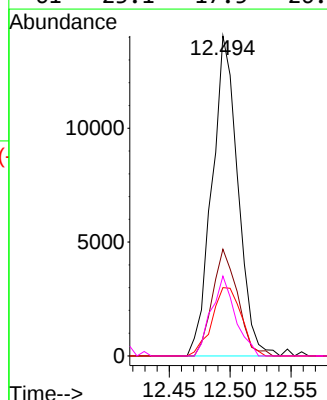
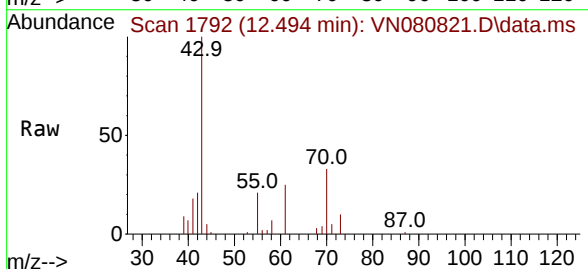
Ion Ratio Lower Upper

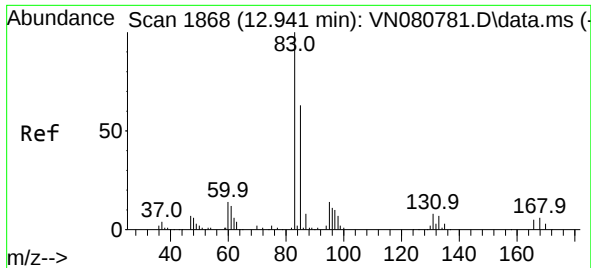
43 100

70 32.6 30.1 45.1

55 24.2 17.0 25.4

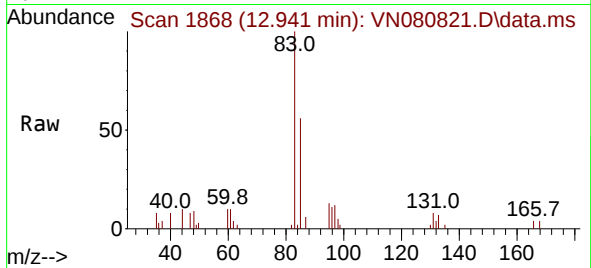
61 23.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.789 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

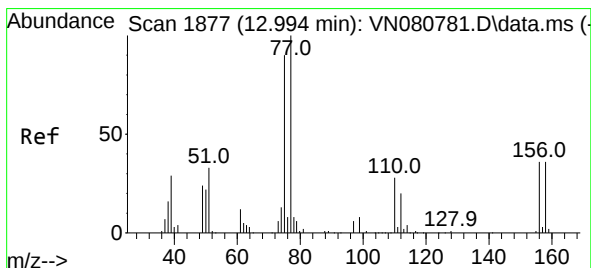
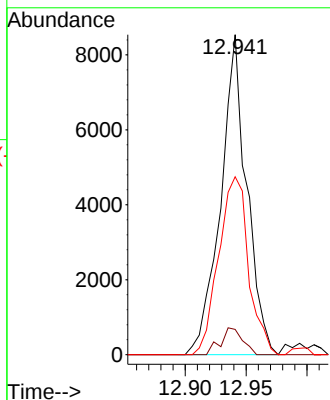
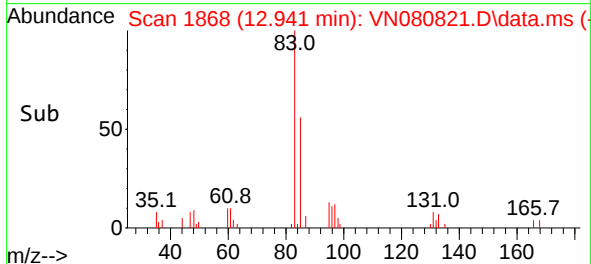
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



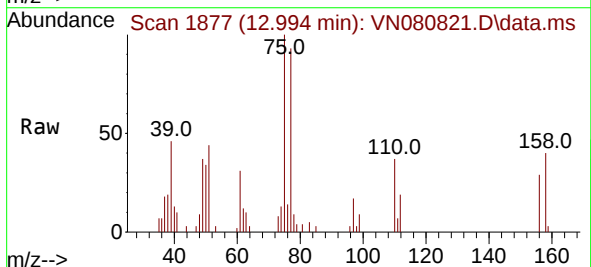
Tgt Ion: 83 Resp: 1275
Ion Ratio Lower Upper
83 100
131 7.0 4.1 12.3
85 63.5 32.1 96.3

Manual Integrations
APPROVED

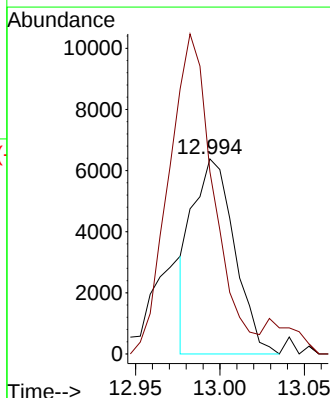
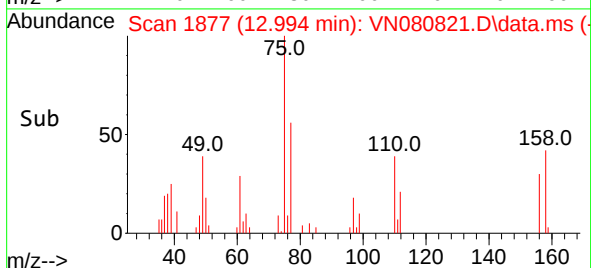
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

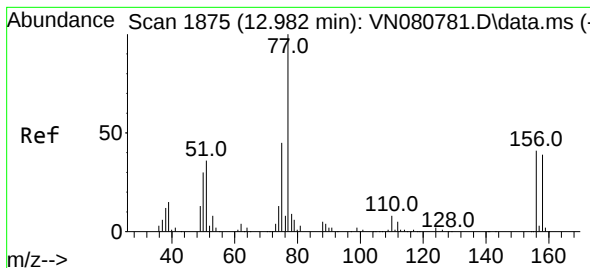


#76
1,2,3-Trichloropropane
Concen: 5.378 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59



Tgt Ion: 75 Resp: 11093
Ion Ratio Lower Upper
75 100
77 174.6 91.0 272.8





#77

Bromobenzene

Concen: 5.442 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

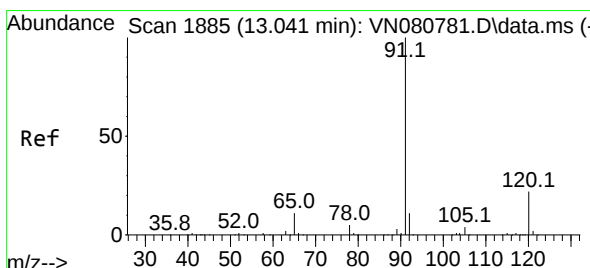
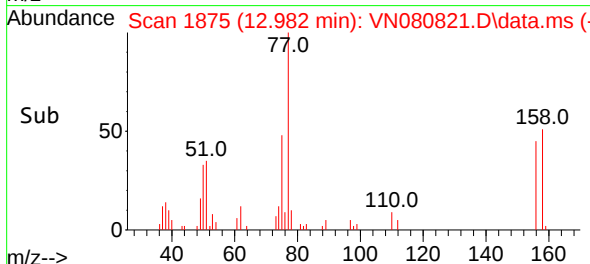
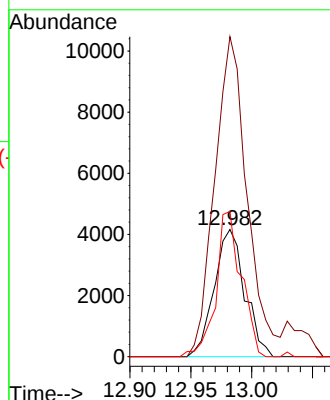
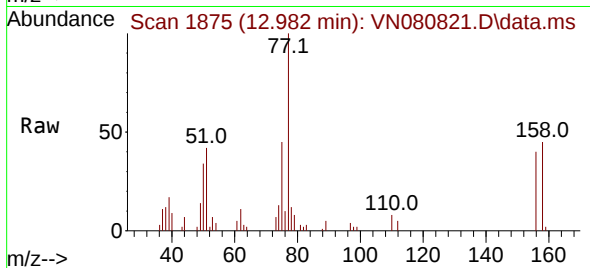
Tgt Ion:156 Resp: 7280
 Ion Ratio Lower Upper
 156 100
 77 265.8 138.1 414.3
 158 94.6 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#78

n-propylbenzene

Concen: 5.470 ug/l

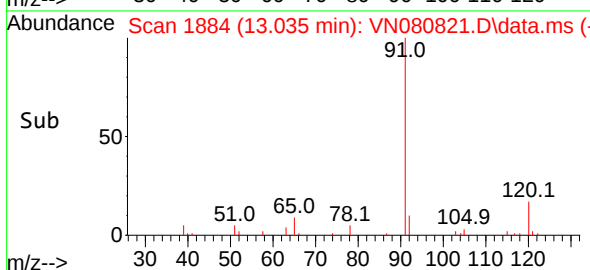
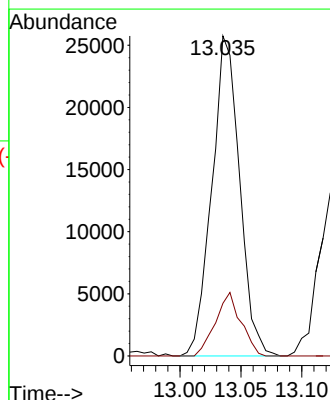
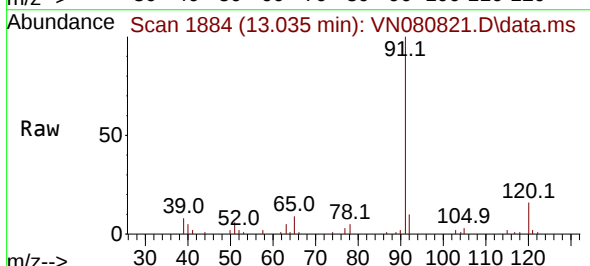
RT: 13.035 min Scan# 1884

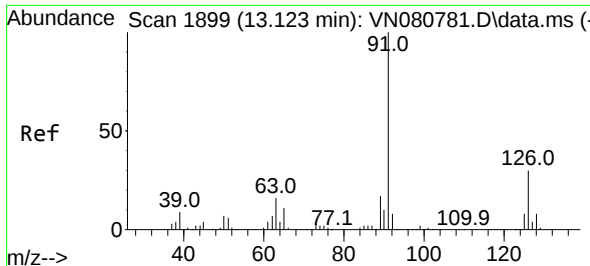
Delta R.T. -0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion: 91 Resp: 40931
 Ion Ratio Lower Upper
 91 100
 120 18.2 10.3 30.9





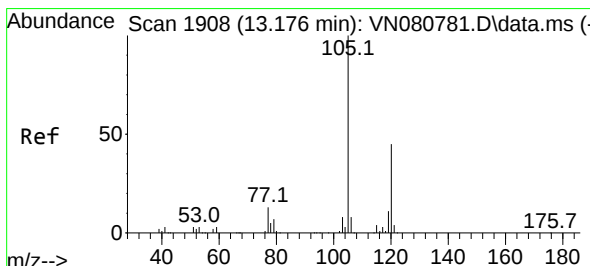
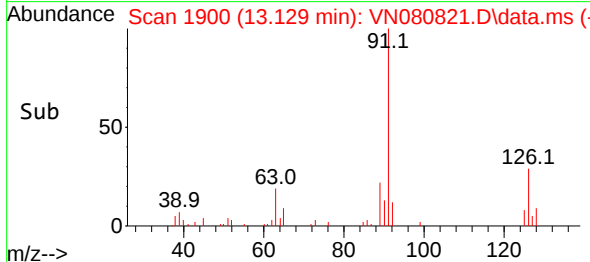
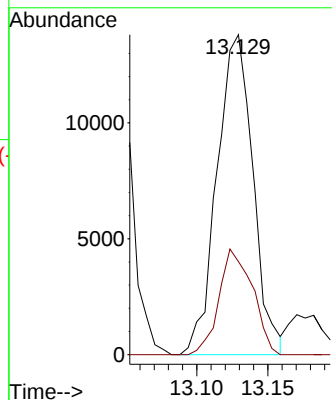
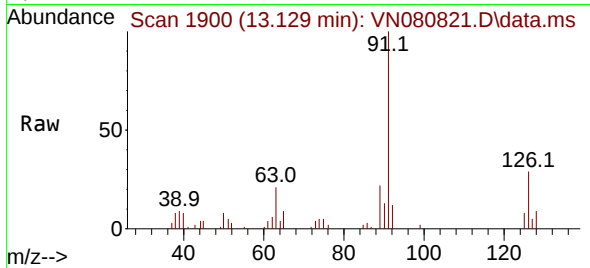
#79
2-Chlorotoluene
Concen: 5.121 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 24354
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4

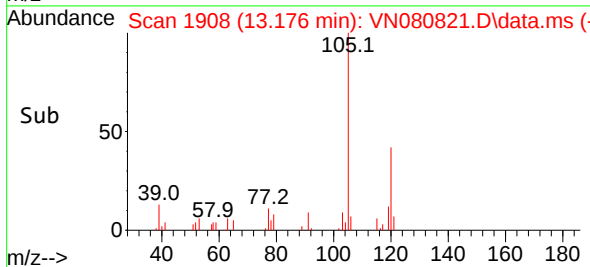
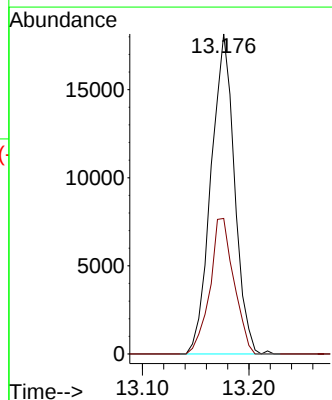
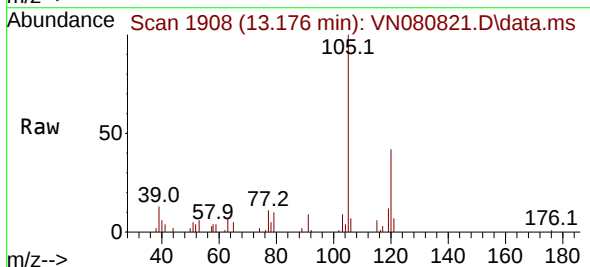
Manual Integrations
APPROVED

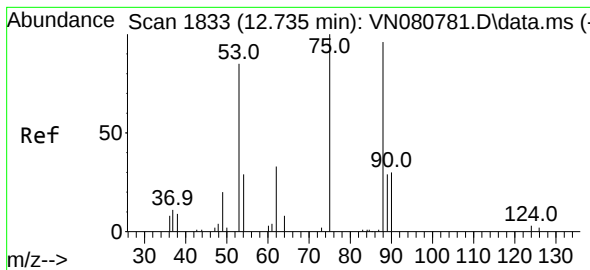
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.576 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

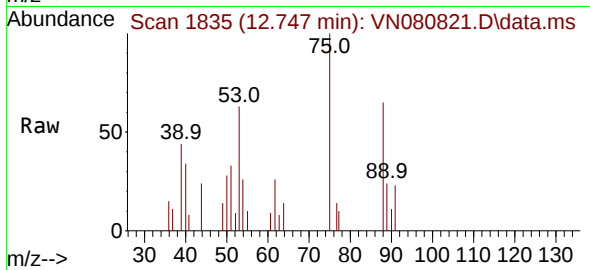
Tgt Ion:105 Resp: 27811
Ion Ratio Lower Upper
105 100
120 43.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.178 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.012 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

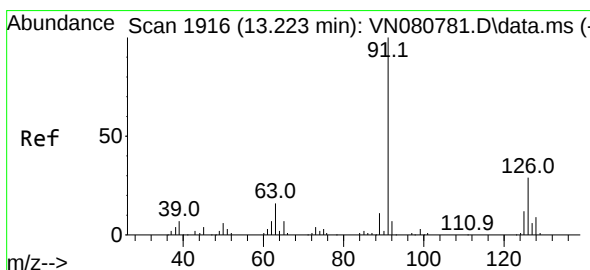
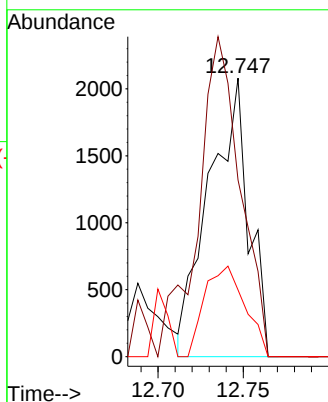
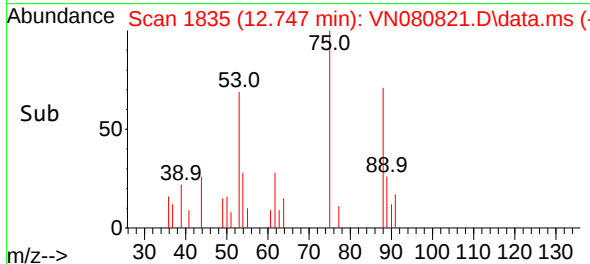
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 3349
Ion Ratio Lower Upper
75 100
53 123.0 71.4 107.2
89 33.4 33.4 50.0

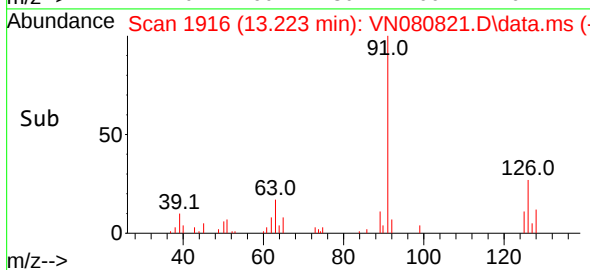
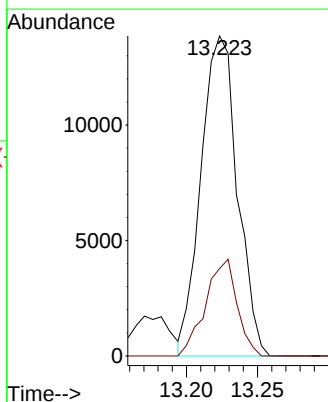
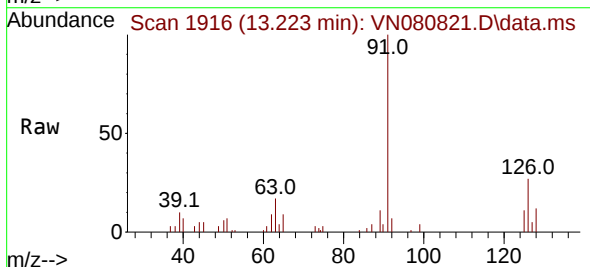
Manual Integrations
APPROVED

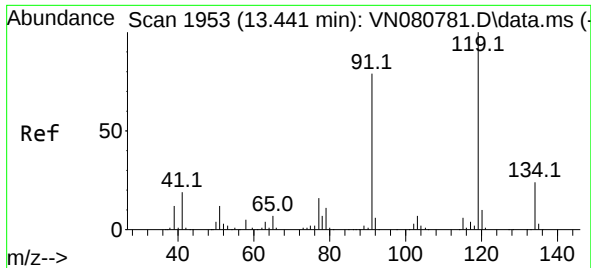
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#82
4-Chlorotoluene
Concen: 5.244 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

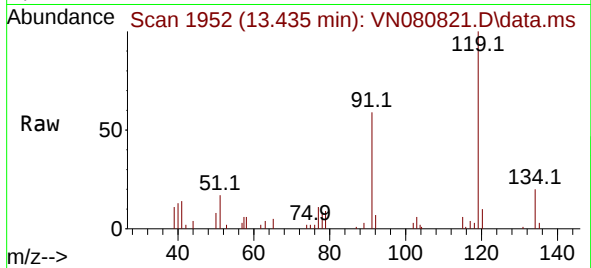
Tgt Ion: 91 Resp: 24694
Ion Ratio Lower Upper
91 100
126 26.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 5.412 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

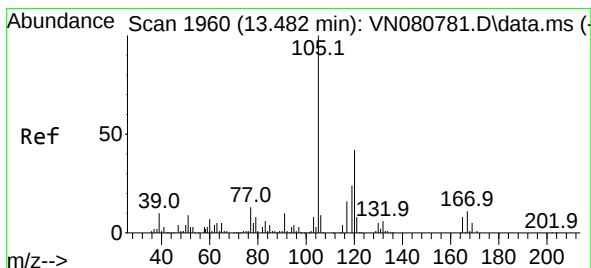
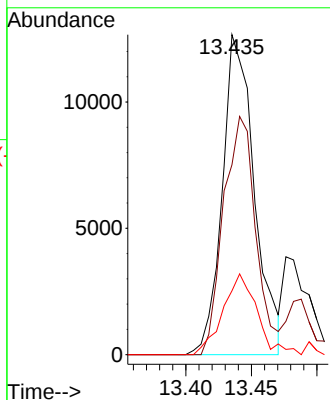
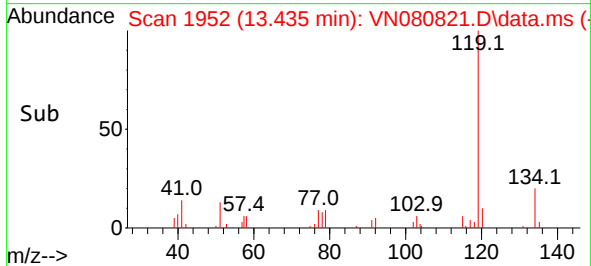
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:119 Resp: 2155
Ion Ratio Lower Upper
119 100
91 74.9 36.8 110.4
134 26.8 12.4 37.4

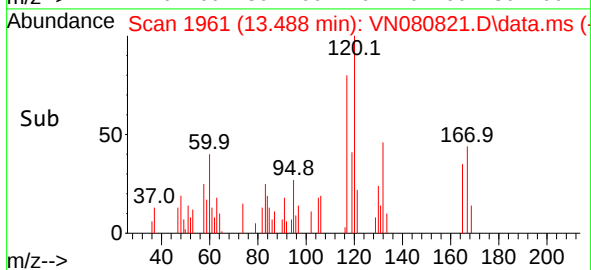
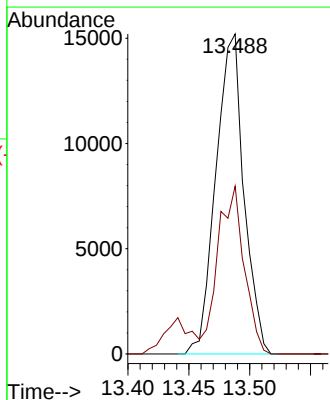
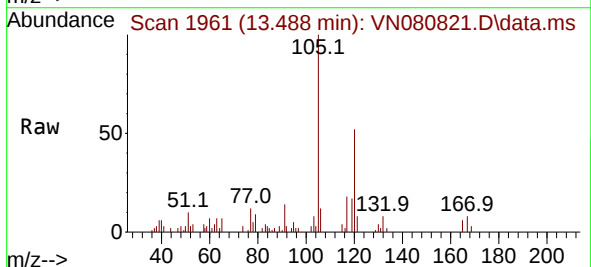
Manual Integrations
APPROVED

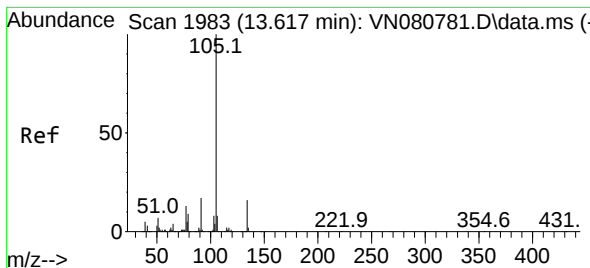
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.820 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

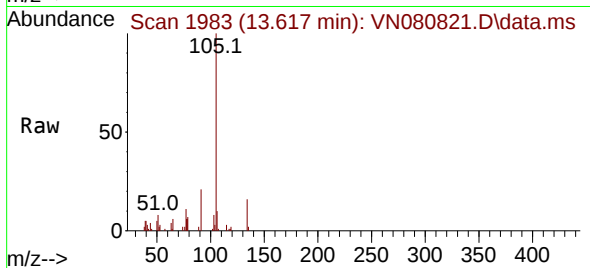
Tgt Ion:105 Resp: 24361
Ion Ratio Lower Upper
105 100
120 49.2 20.9 62.7





#85
sec-Butylbenzene
Concen: 4.928 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

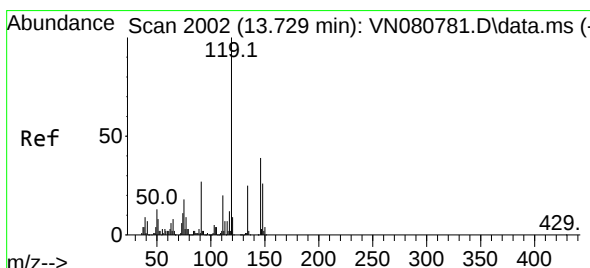
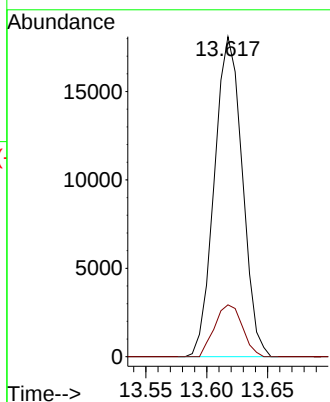
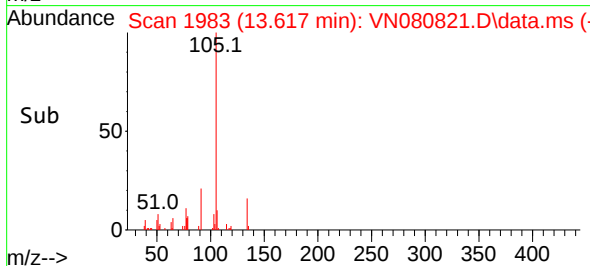
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:105 Resp: 2893
Ion Ratio Lower Upper
105 100
134 16.1 8.6 25.8

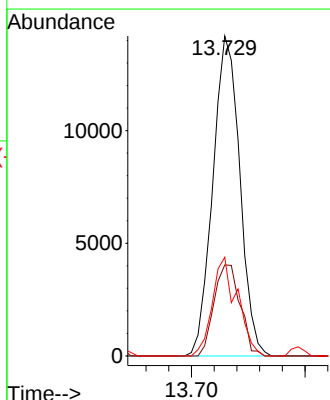
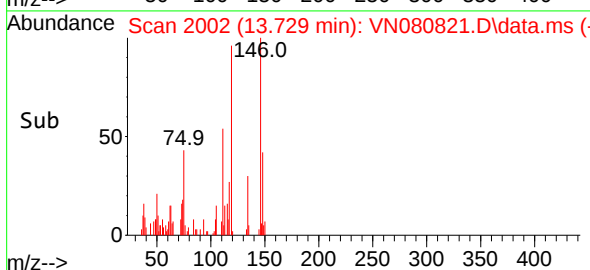
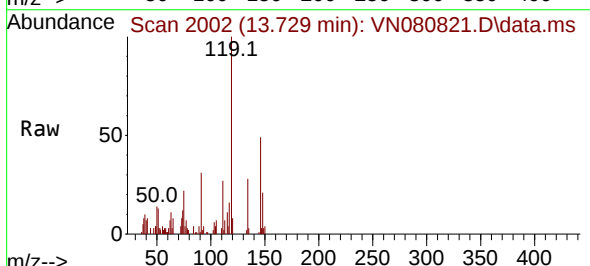
Manual Integrations
APPROVED

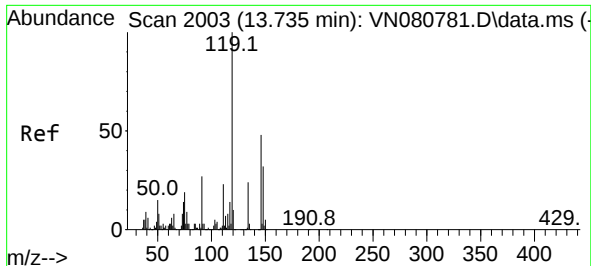
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#86
p-Isopropyltoluene
Concen: 5.127 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:119 Resp: 23398
Ion Ratio Lower Upper
119 100
134 27.6 12.4 37.2
91 28.6 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 5.160 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

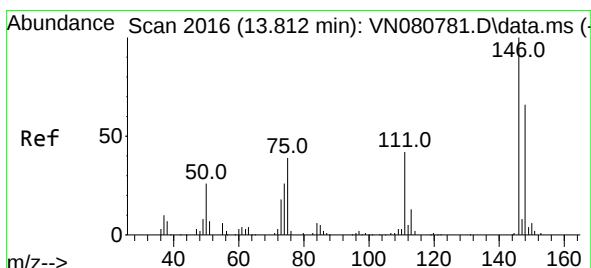
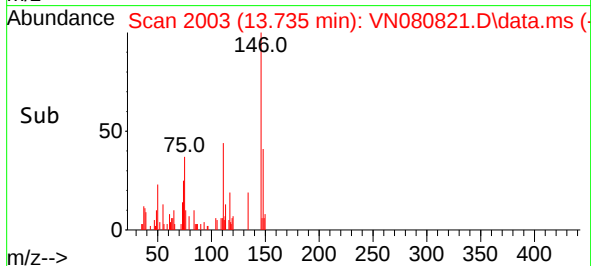
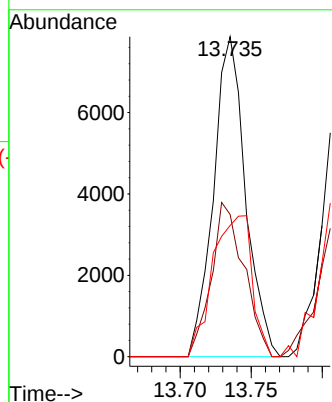
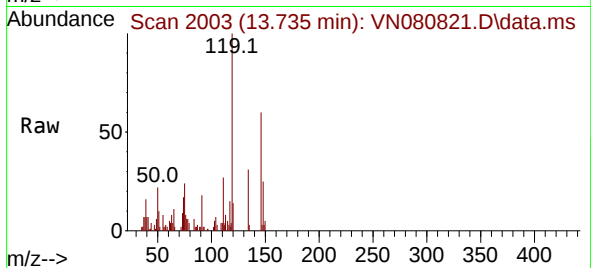
LOQ-WATER-02-QT1-2024

Tgt Ion:	146	Resp:	1235
Ion Ratio	Lower	Upper	
146	100		
111	49.0	23.9	71.7
148	53.9	32.6	97.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#88

1,4-Dichlorobenzene

Concen: 4.998 ug/l

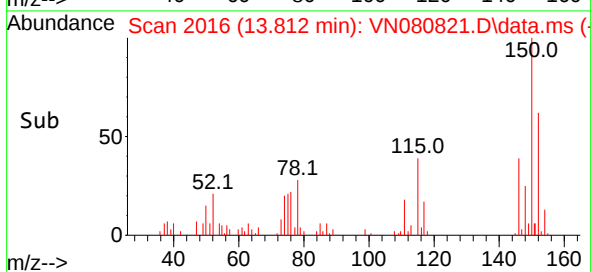
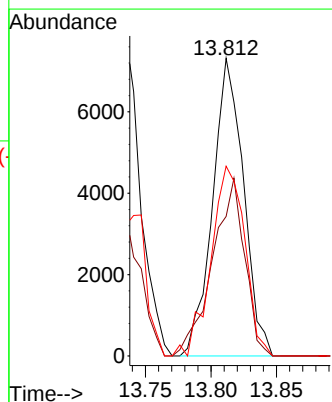
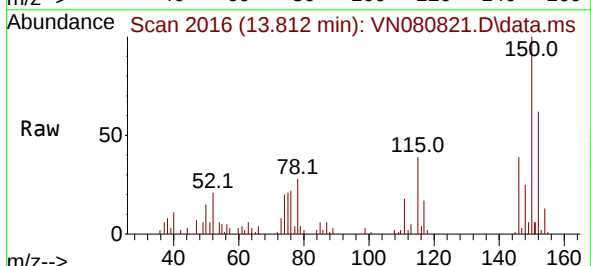
RT: 13.812 min Scan# 2016

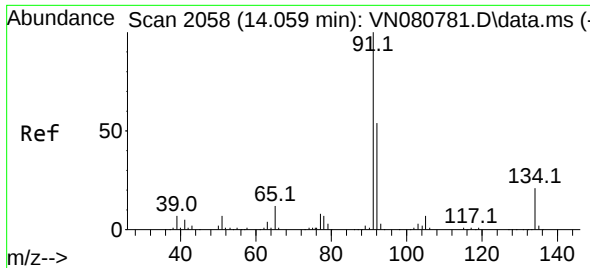
Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

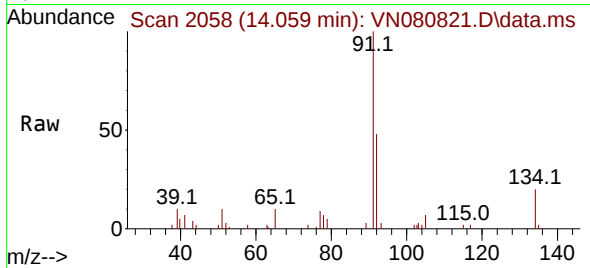
Tgt Ion:	146	Resp:	12000
Ion Ratio	Lower	Upper	
146	100		
111	61.9	22.6	67.7
148	69.5	31.9	95.5





#89
n-Butylbenzene
Concen: 4.869 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

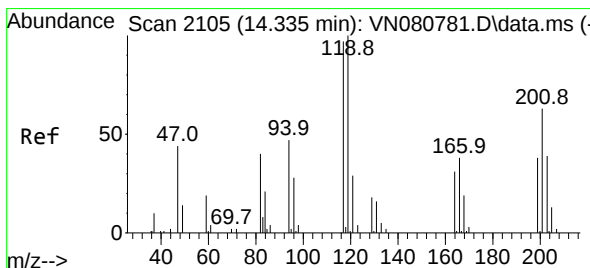
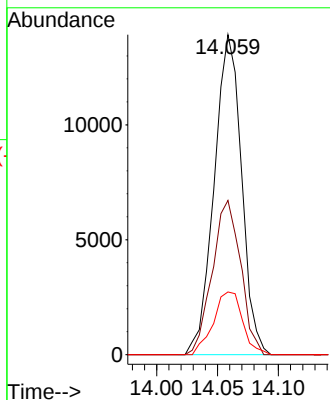
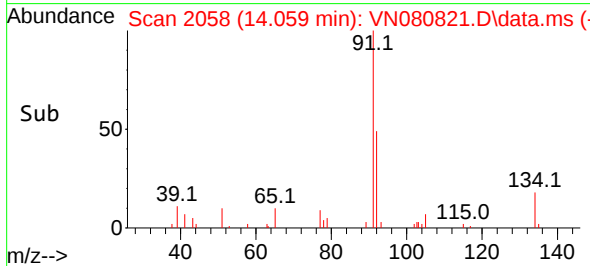
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 91 Resp: 2174
Ion Ratio Lower Upper
91 100
92 50.0 26.7 80.1
134 21.0 10.8 32.4

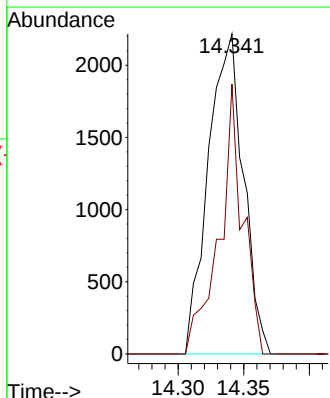
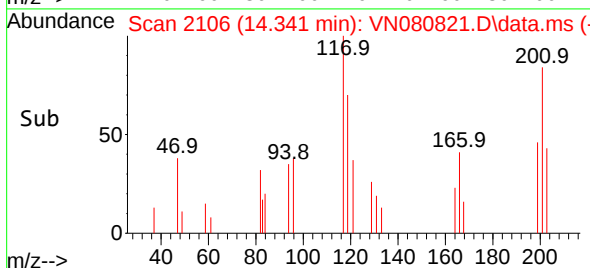
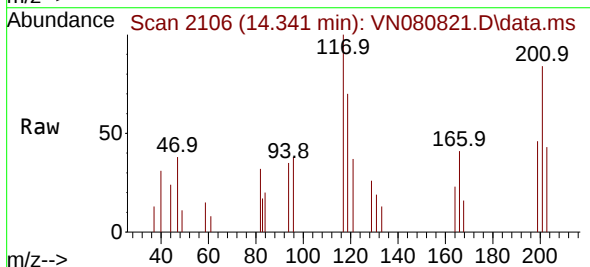
Manual Integrations
APPROVED

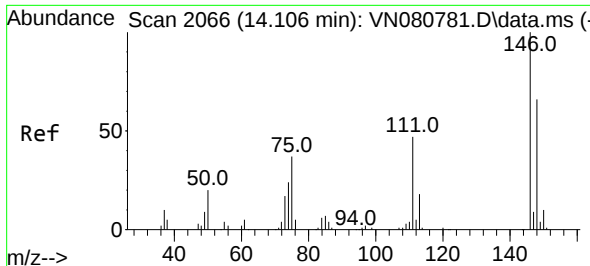
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#90
Hexachloroethane
Concen: 5.163 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

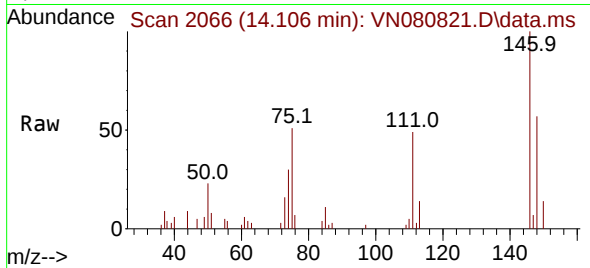
Tgt Ion:117 Resp: 4123
Ion Ratio Lower Upper
117 100
201 56.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 5.501 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

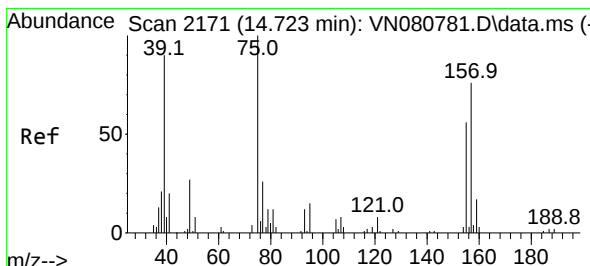
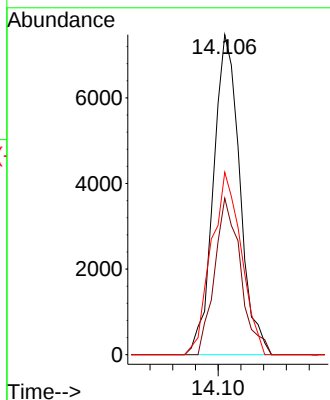
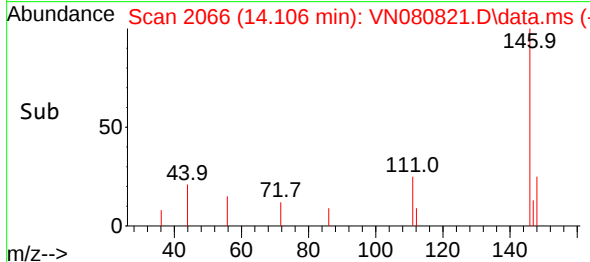
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



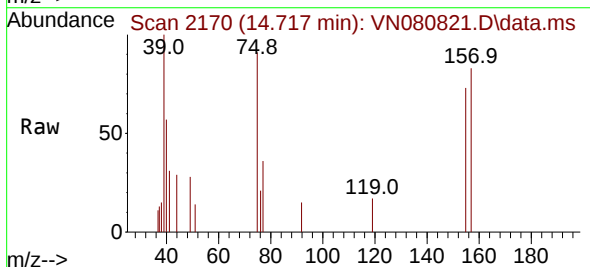
Tgt Ion:146 Resp: 12058
Ion Ratio Lower Upper
146 100
111 48.3 23.9 71.8
148 64.7 31.4 94.0

Manual Integrations
APPROVED

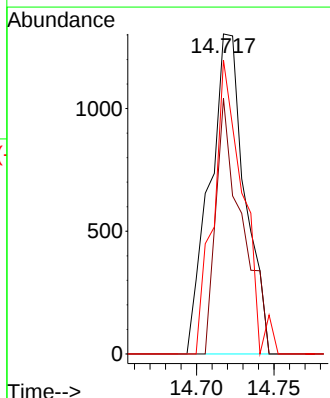
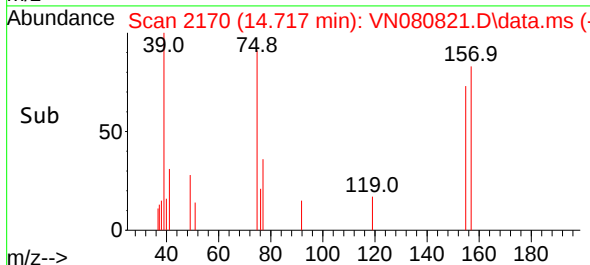
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

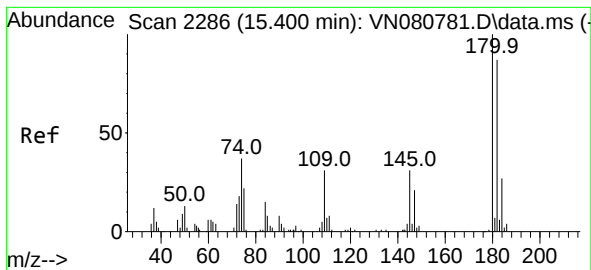


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.010 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59



Tgt Ion: 75 Resp: 2063
Ion Ratio Lower Upper
75 100
155 58.9 31.8 95.4
157 76.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 4.741 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

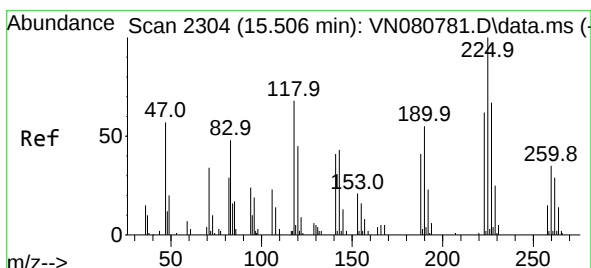
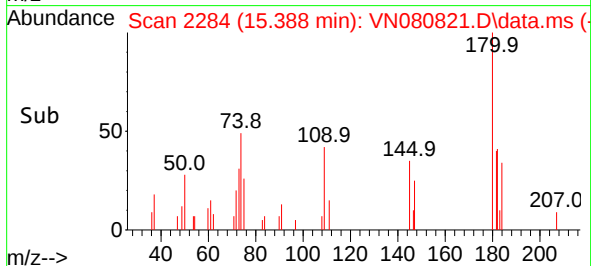
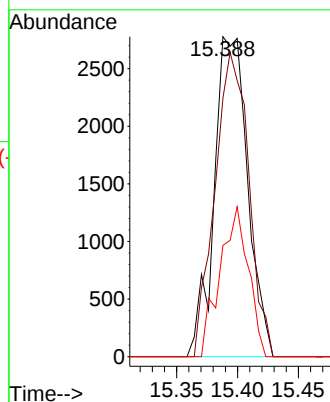
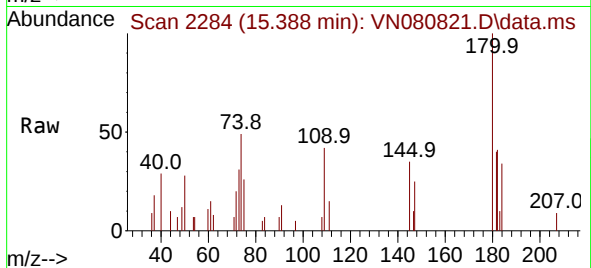
Tgt Ion:180	Resp:	534
Ion Ratio	Lower	Upper
180	100	
182	95.8	46.6 139.7
145	39.6	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#94

Hexachlorobutadiene

Concen: 4.512 ug/l

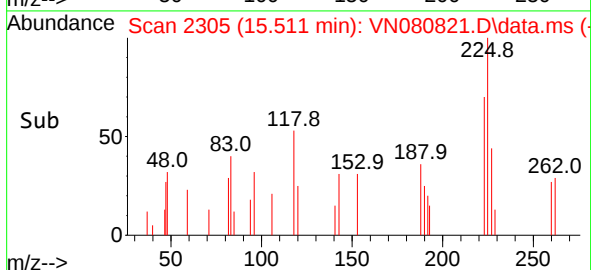
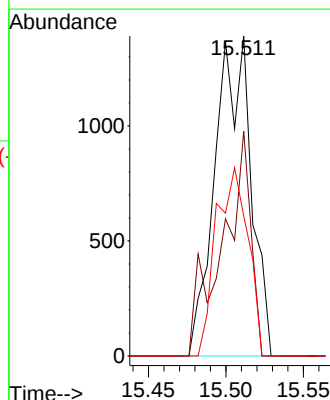
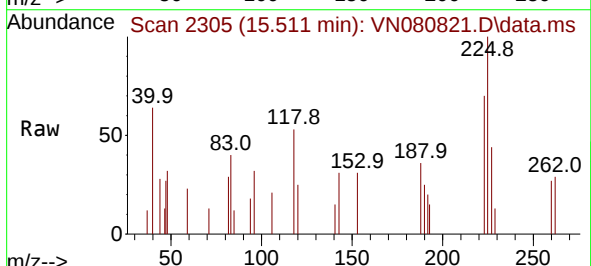
RT: 15.511 min Scan# 2305

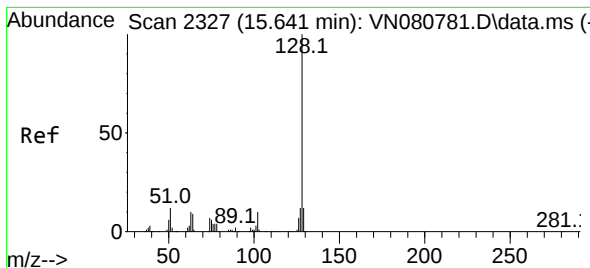
Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion:225	Resp:	2224
Ion Ratio	Lower	Upper
225	100	
223	56.1	33.3 99.8
227	52.6	33.1 99.2





#95

Naphthalene

Concen: 4.461 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

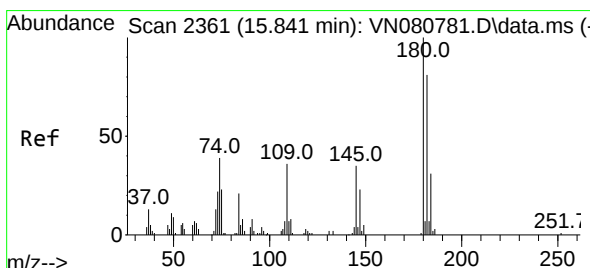
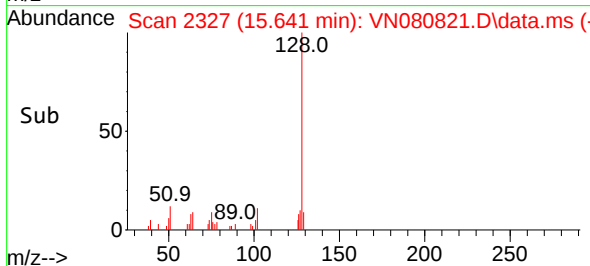
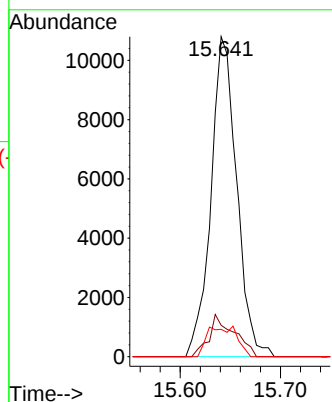
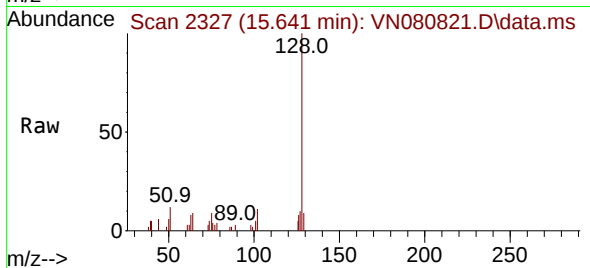
Tgt Ion:	128	Resp:	1925
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.321 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion:	180	Resp:	5900
Ion Ratio	Lower	Upper	
180	100		
182	77.7	46.5	139.3
145	25.7	17.8	53.4

