

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080822.D
 Acq On : 30 Jan 2024 18:23
 Operator : JC\MD
 Sample : P1187-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:16:06 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	8.224	168	101245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	176845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	96553	55.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.260%			
35) Dibromofluoromethane	8.171	113	68882	52.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	10.571	98	258725	50.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.853	95	80978	44.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.860%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2126	0.941	ug/l #	68
4) Vinyl Chloride	2.518	62	461	0.268	ug/l #	46
6) Chloroethane	3.106	64	190	0.207	ug/l #	42
7) Trichlorofluoromethane	3.489	101	447	0.201	ug/l #	81
11) Tert butyl alcohol	5.500	59	186	0.651	ug/l #	72
13) Acrolein	4.177	56	157	0.436	ug/l #	71
14) Allyl chloride	5.024	41	791	0.282	ug/l #	85
15) Acrylonitrile	5.706	53	230	0.268	ug/l #	18
16) Acetone	4.459	43	1842	2.900	ug/l #	44
17) Carbon Disulfide	4.712	76	1590	0.359	ug/l #	78
18) Methyl Acetate	5.036	43	2076m	0.938	ug/l	
19) Methyl tert-butyl Ether	5.812	73	1226m	0.245	ug/l	
20) Methylene Chloride	5.295	84	625m	0.375	ug/l	
22) Diisopropyl ether	6.677	45	1454m	0.235	ug/l	
23) Vinyl Acetate	6.606	43	3328	0.742	ug/l #	75
25) 2-Butanone	7.506	43	2364m	1.959	ug/l	
29) Tetrahydrofuran	7.841	42	1126	1.379	ug/l #	48
37) Ethyl Acetate	7.571	43	882m	0.349	ug/l	
40) Benzene	8.618	78	2076	0.288	ug/l	93
41) Methacrylonitrile	7.783	41	420	0.282	ug/l #	36
42) 1,2-Dichloroethane	8.671	62	784	0.333	ug/l #	75
43) Isopropyl Acetate	8.694	43	1202m	0.261	ug/l	
48) Methyl methacrylate	9.688	41	595m	0.267	ug/l	
51) 4-Methyl-2-Pentanone	10.453	43	2962	1.151	ug/l	95
52) Toluene	10.635	92	1037	0.251	ug/l	79
54) cis-1,3-Dichloropropene	10.306	75	654	0.220	ug/l #	53
57) 1,3-Dichloropropane	11.159	76	928	0.310	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.171	63	2563m	1.798	ug/l	
59) 2-Hexanone	11.206	43	2178	1.089	ug/l	68
65) Chlorobenzene	11.900	112	1114	0.289	ug/l #	79
68) m/p-Xylenes	12.071	106	1328	0.521	ug/l #	72
73) Isopropylbenzene	12.700	105	1410	0.242	ug/l	87
74) N-amyl acetate	12.500	43	802	0.222	ug/l #	61
76) 1,2,3-Trichloropropane	12.994	75	456m	0.238	ug/l	
78) n-propylbenzene	13.029	91	1629	0.234	ug/l #	65
79) 2-Chlorotoluene	13.129	91	975	0.221	ug/l #	45

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080822.D
 Acq On : 30 Jan 2024 18:23
 Operator : JC\MD
 Sample : P1187-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:16:06 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)

80) 1,3,5-Trimethylbenzene	13.170	105	1220	0.263	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.741	75	168m	0.226	ug/l	
82) 4-Chlorotoluene	13.218	91	1358	0.310	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.488	105	1407	0.300	ug/l #	63
85) sec-Butylbenzene	13.612	105	1336	0.245	ug/l	83
86) p-Isopropyltoluene	13.729	119	1054	0.249	ug/l #	55
87) 1,3-Dichlorobenzene	13.735	146	851	0.383	ug/l	88
88) 1,4-Dichlorobenzene	13.818	146	630m	0.282	ug/l	
89) n-Butylbenzene	14.059	91	1215	0.293	ug/l #	66
91) 1,2-Dichlorobenzene	14.112	146	583m	0.286	ug/l	
95) Naphthalene	15.641	128	930	0.232	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.841	180	246	0.239	ug/l	90

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

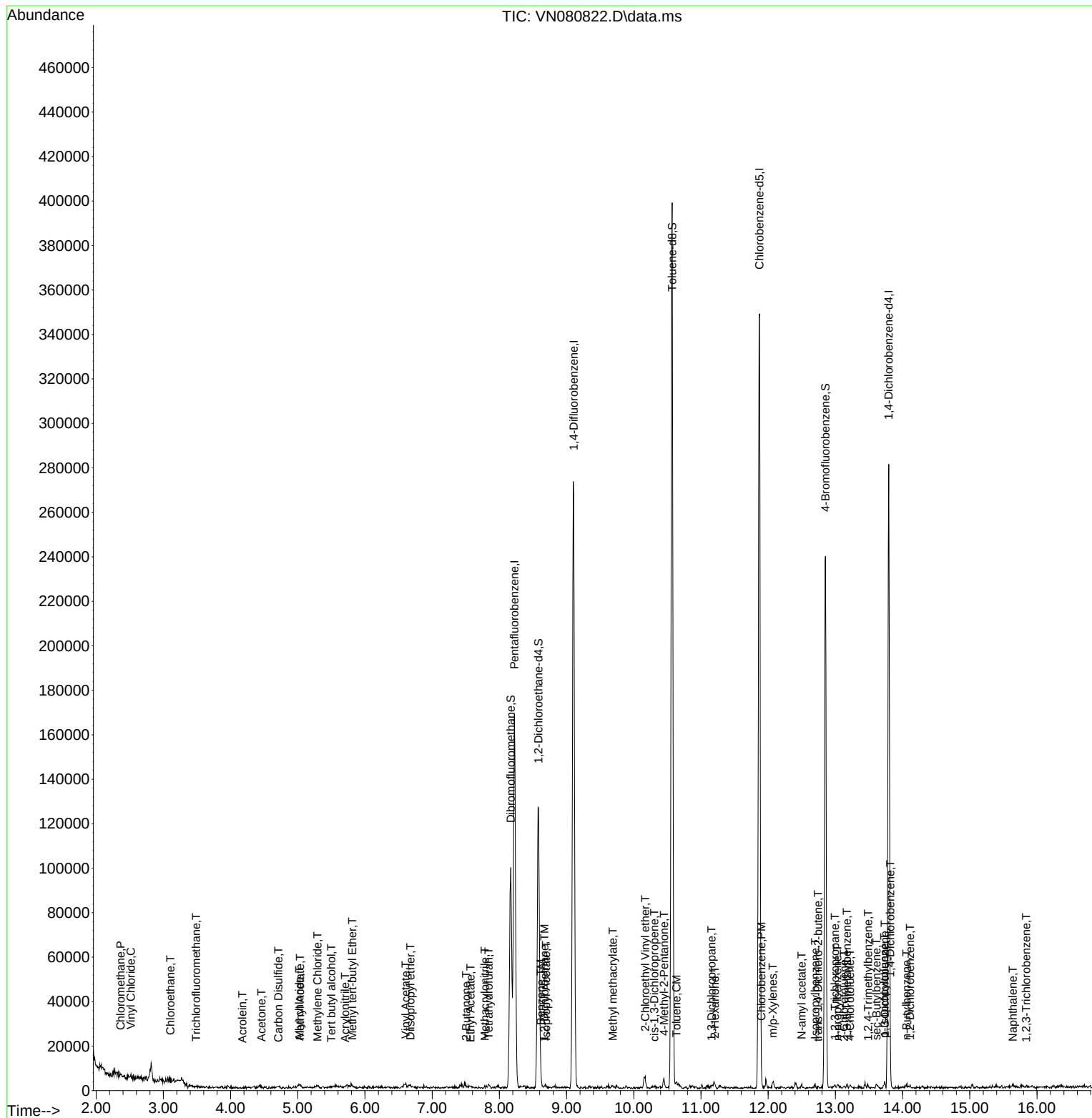
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080822.D
Acq On : 30 Jan 2024 18:23
Operator : JC\MD
Sample : P1187-09 0.2PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

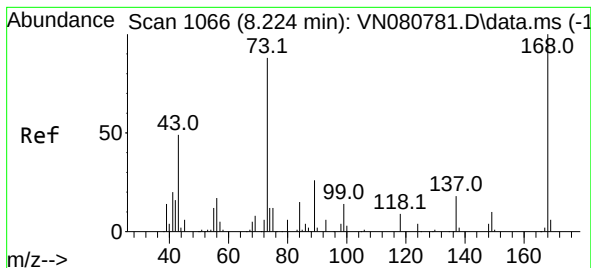
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:16:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:168 Resp: 10124

Ion Ratio Lower Upper

168 100

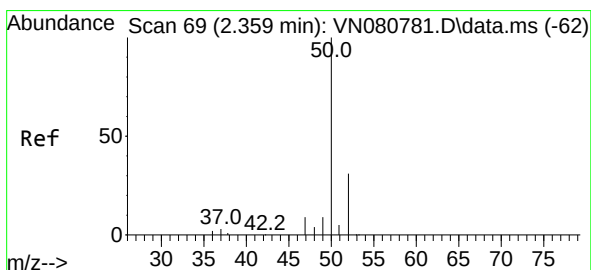
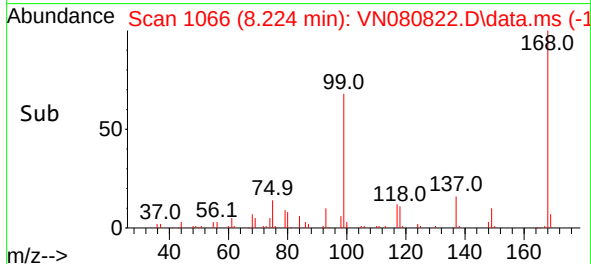
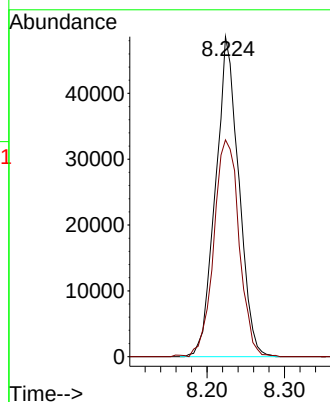
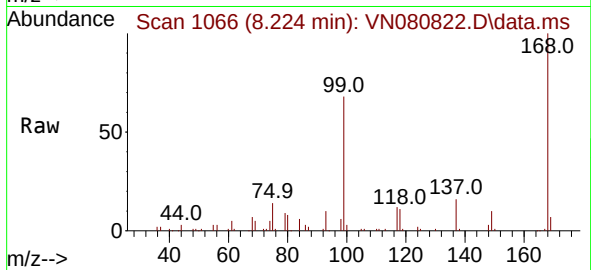
99 67.7 59.9 89.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#3

Chloromethane

Concen: 0.941 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080822.D

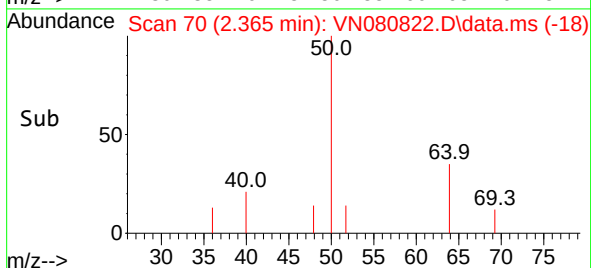
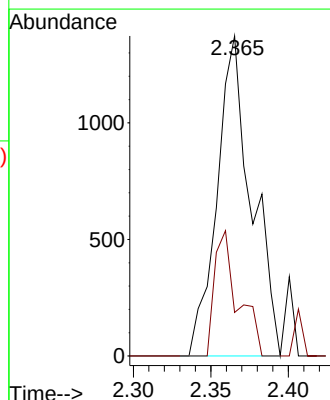
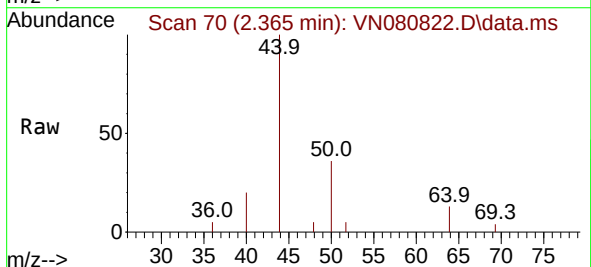
Acq: 30 Jan 2024 18:23

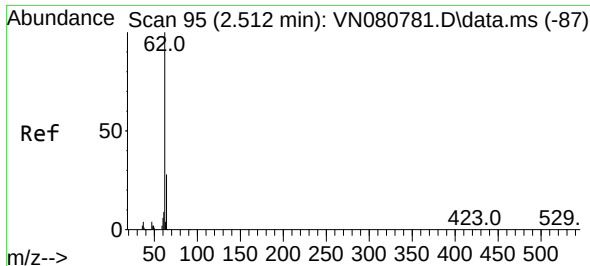
Tgt Ion: 50 Resp: 2126

Ion Ratio Lower Upper

50 100

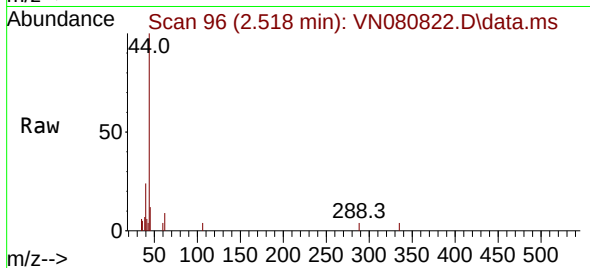
52 13.6 25.0 37.4





#4
 Vinyl Chloride
 Concen: 0.268 ug/l
 RT: 2.518 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VN080822.D
 Acq: 30 Jan 2024 18:23

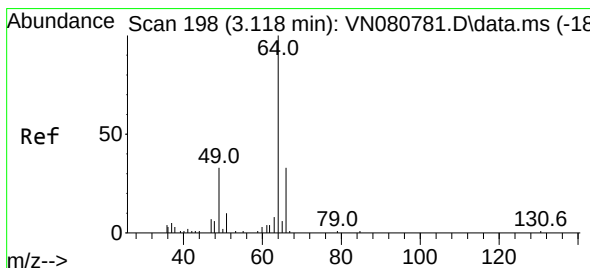
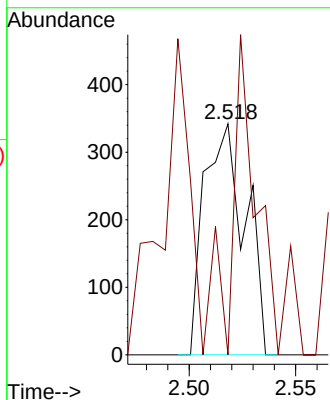
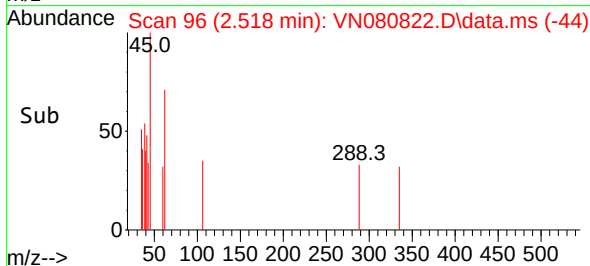
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024



Tgt Ion: 62 Resp: 463
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.7 34.1

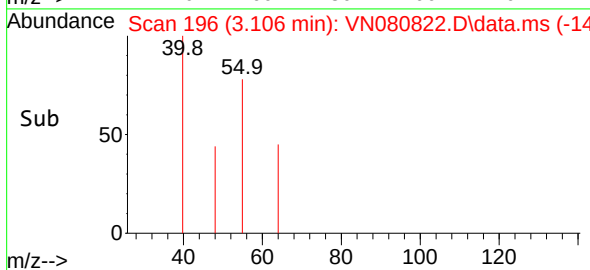
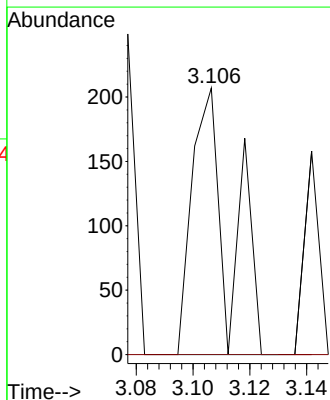
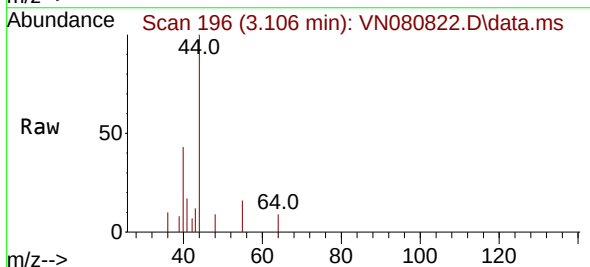
Manual Integrations
 APPROVED

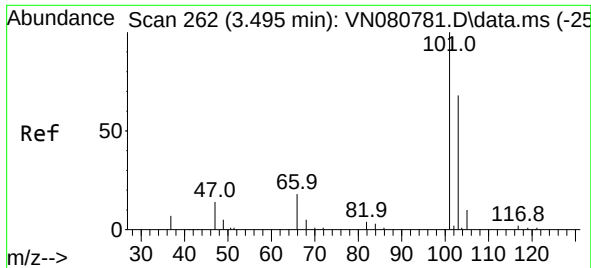
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#6
 Chloroethane
 Concen: 0.207 ug/l
 RT: 3.106 min Scan# 196
 Delta R.T. -0.012 min
 Lab File: VN080822.D
 Acq: 30 Jan 2024 18:23

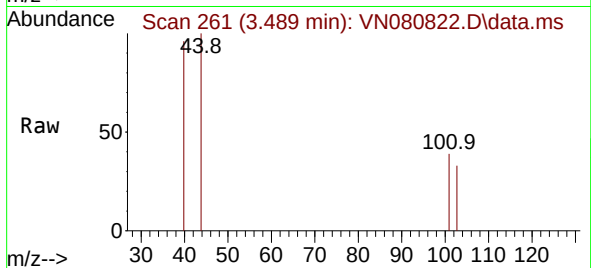
Tgt Ion: 64 Resp: 190
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 0.201 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

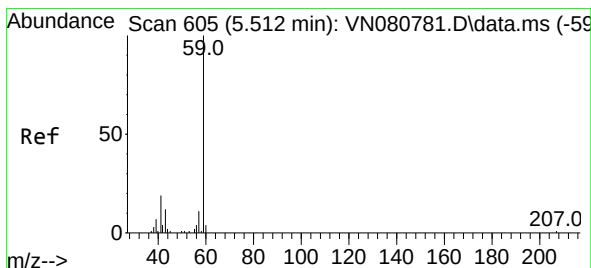
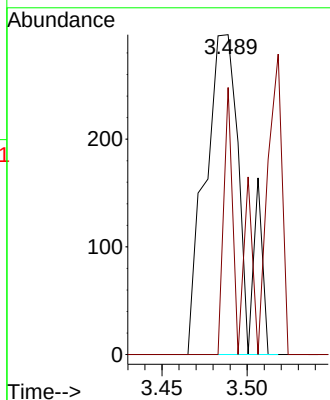
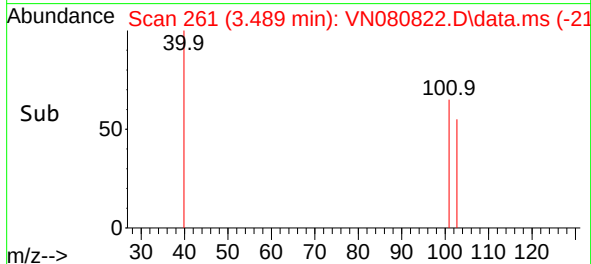
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:101 Resp: 44
Ion Ratio Lower Upper
101 100
103 83.5 54.4 81.6

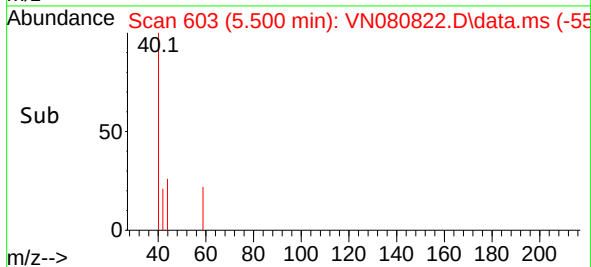
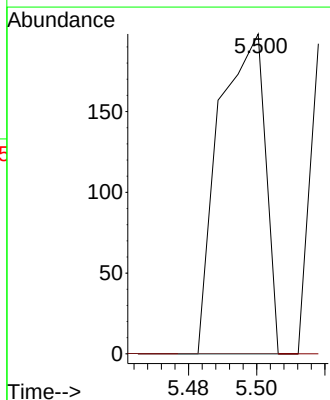
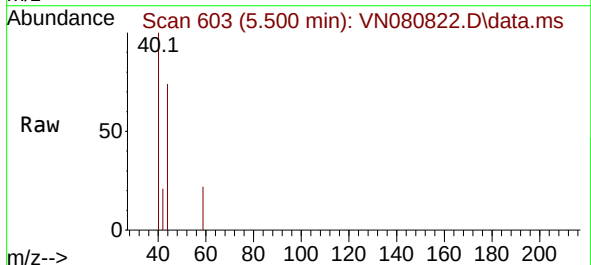
Manual Integrations
APPROVED

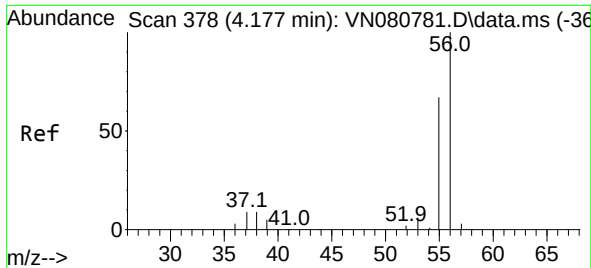
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#11
Tert butyl alcohol
Concen: 0.651 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8





#13

Acrolein

Concen: 0.436 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

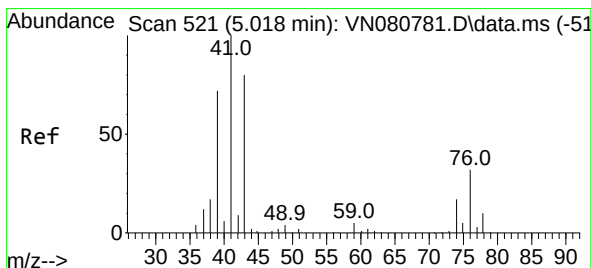
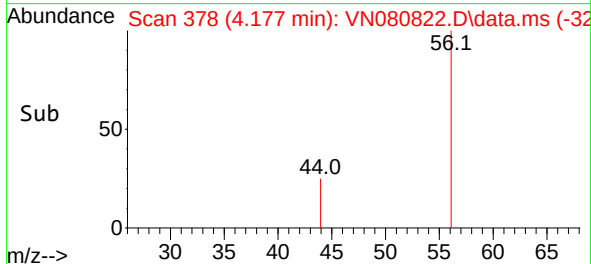
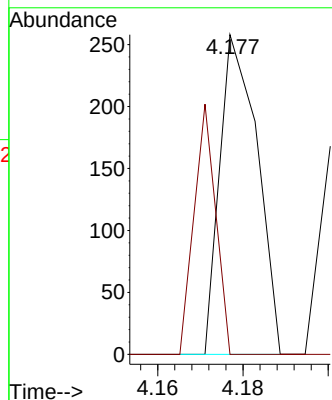
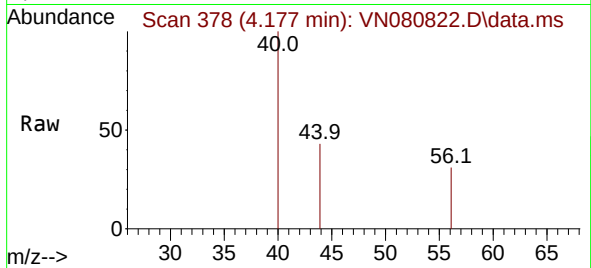
Tgt Ion: 56 Resp: 15
 Ion Ratio Lower Upper
 56 100
 55 45.2 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#14

Allyl chloride

Concen: 0.282 ug/l

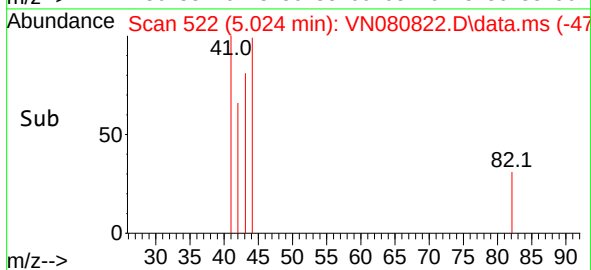
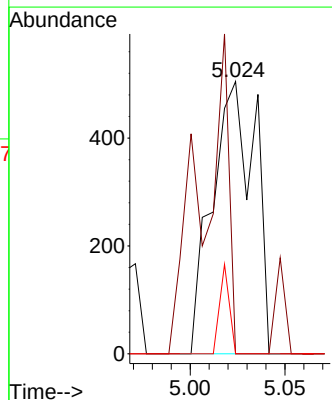
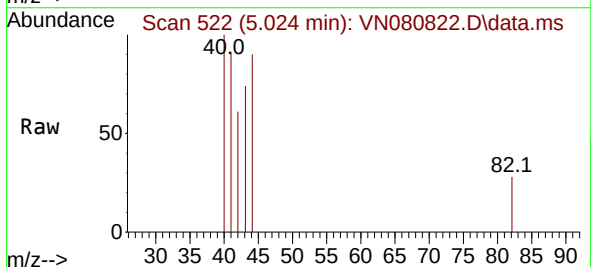
RT: 5.024 min Scan# 522

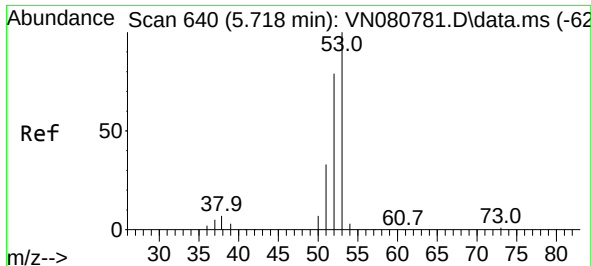
Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

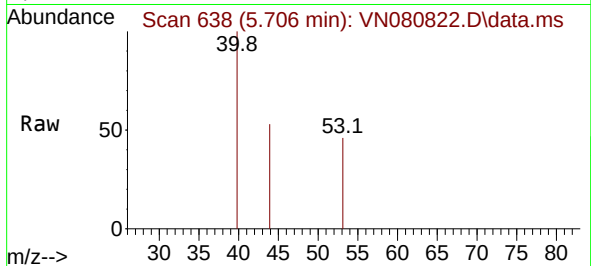
Tgt Ion: 41 Resp: 791
 Ion Ratio Lower Upper
 41 100
 39 73.1 57.7 86.5
 76 7.5 26.8 40.2





#15
Acrylonitrile
Concen: 0.268 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

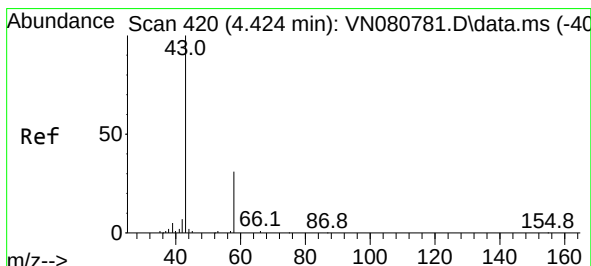
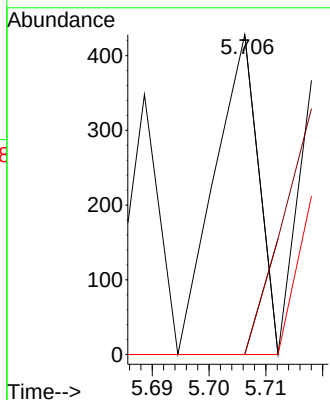
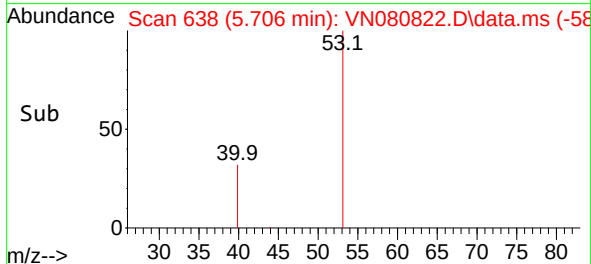
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 53 Resp: 230
Ion Ratio Lower Upper
53 100
52 0.0 64.8 97.2
51 0.0 26.9 40.3

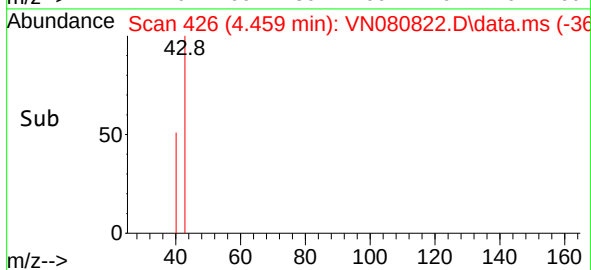
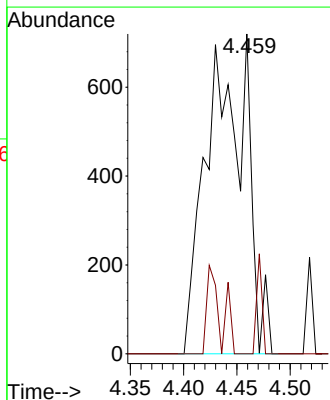
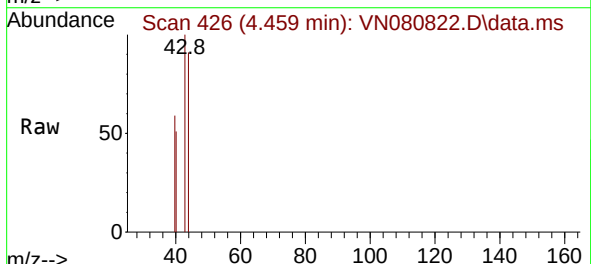
Manual Integrations
APPROVED

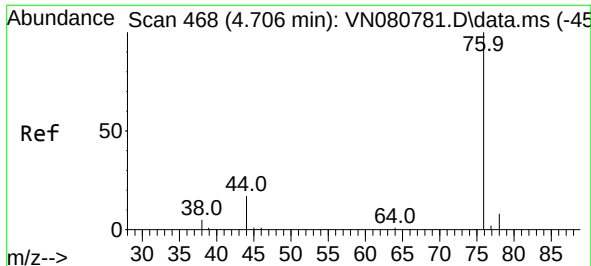
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 2.900 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.035 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

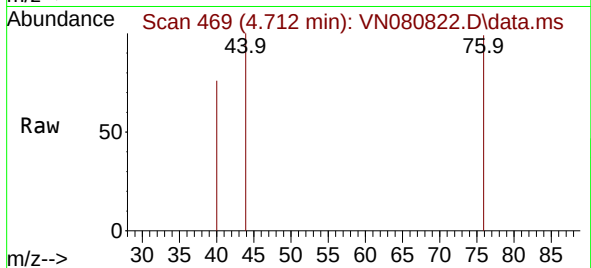
Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2





#17
Carbon Disulfide
Concen: 0.359 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

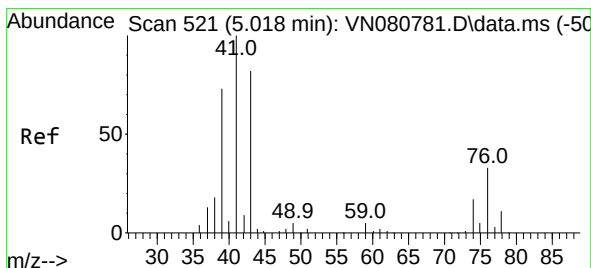
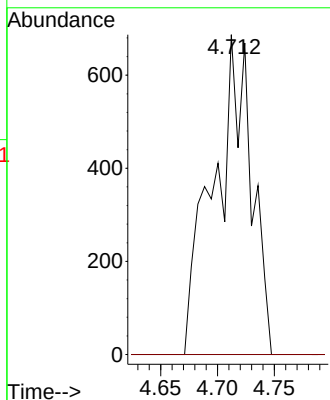
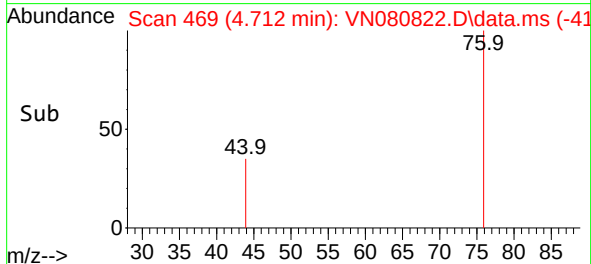
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 76 Resp: 1590
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5

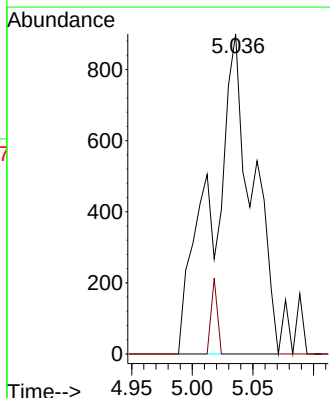
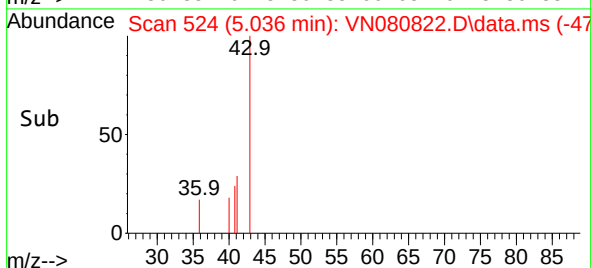
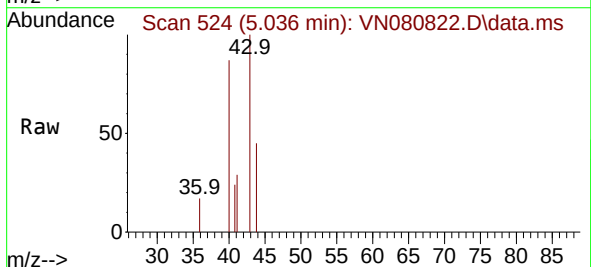
Manual Integrations
APPROVED

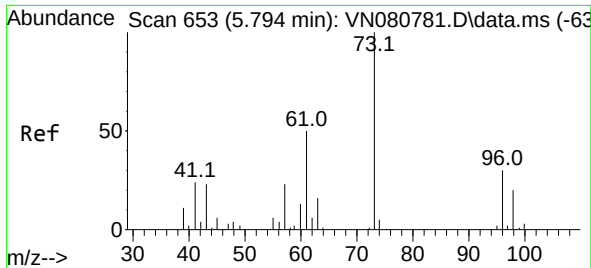
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#18
Methyl Acetate
Concen: 0.938 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
74 3.6 17.3 25.9





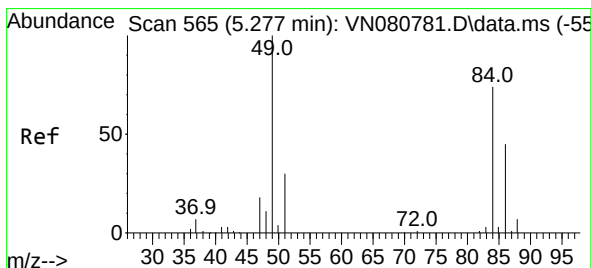
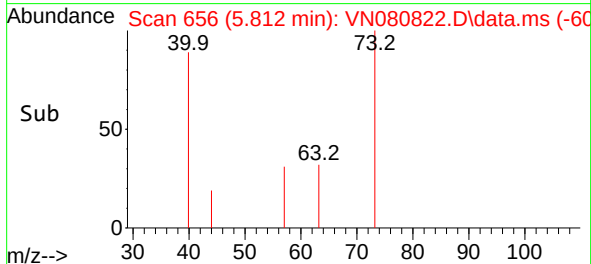
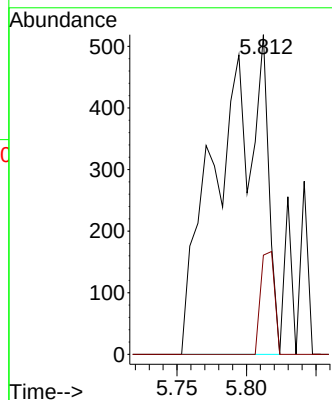
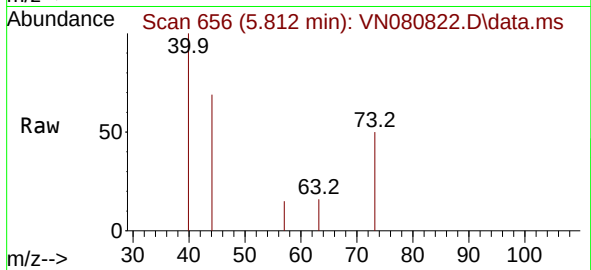
#19
Methyl tert-butyl Ether
Concen: 0.245 ug/l m
RT: 5.812 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 73 Resp: 1220
Ion Ratio Lower Upper
73 100
57 31.0 18.2 27.4

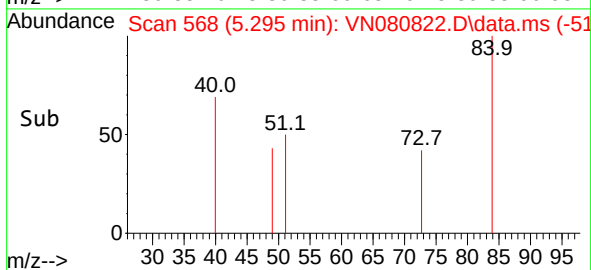
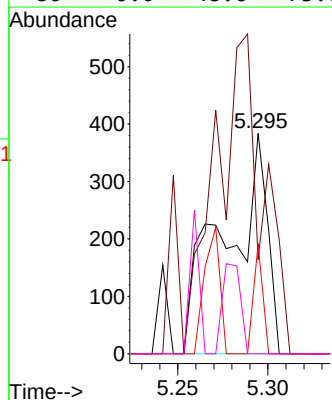
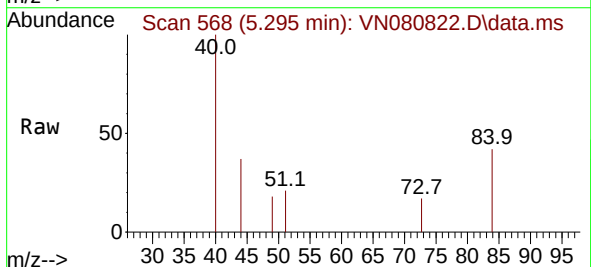
Manual Integrations
APPROVED

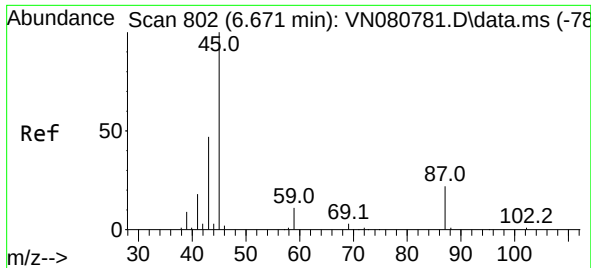
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 0.375 ug/l m
RT: 5.295 min Scan# 568
Delta R.T. 0.018 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

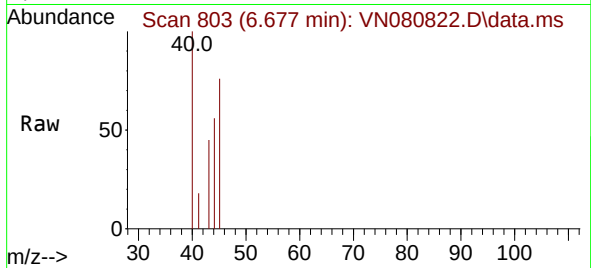
Tgt Ion: 84 Resp: 625
Ion Ratio Lower Upper
84 100
49 42.7 108.1 162.1#
51 50.0 32.9 49.3#
86 0.0 48.6 73.0#





#22
Diisopropyl ether
Concen: 0.235 ug/l m
RT: 6.677 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

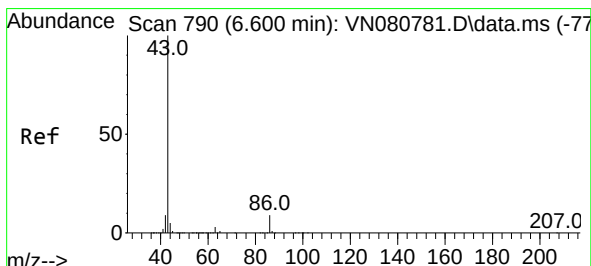
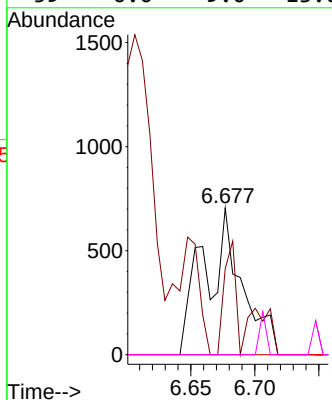
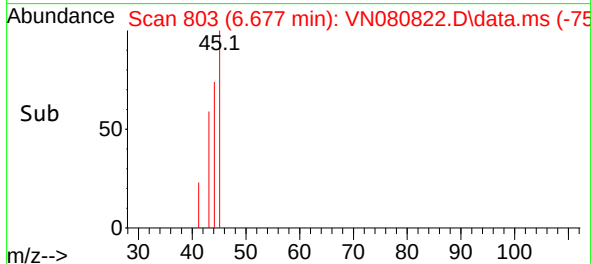
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 45 Resp: 1454
Ion Ratio Lower Upper
45 100
43 58.7 41.8 62.8
87 0.0 18.1 27.1
59 0.0 9.0 13.6#

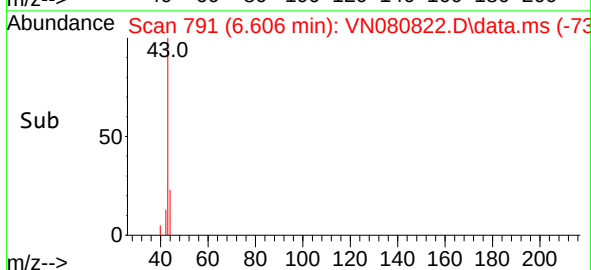
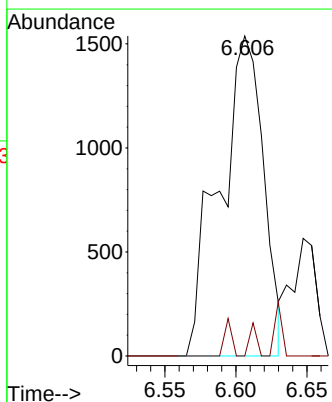
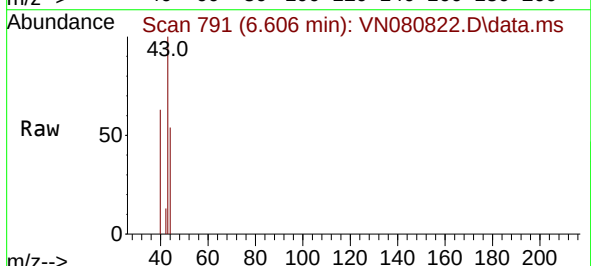
Manual Integrations
APPROVED

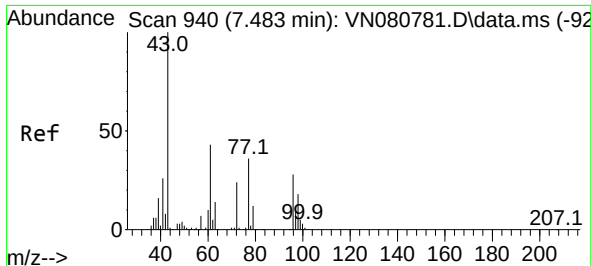
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#23
Vinyl Acetate
Concen: 0.742 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

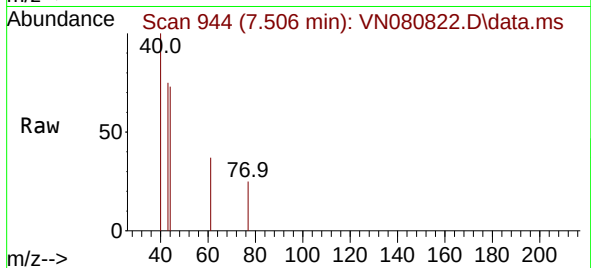
Tgt Ion: 43 Resp: 3328
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25
2-Butanone
Concen: 1.959 ug/l m
RT: 7.506 min Scan# 940
Delta R.T. 0.024 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

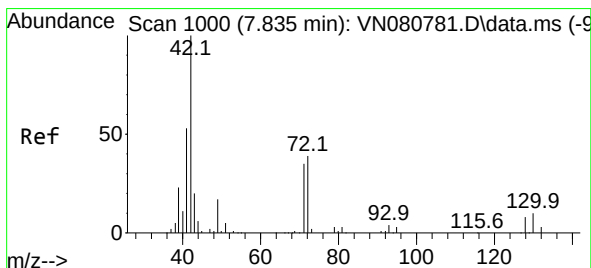
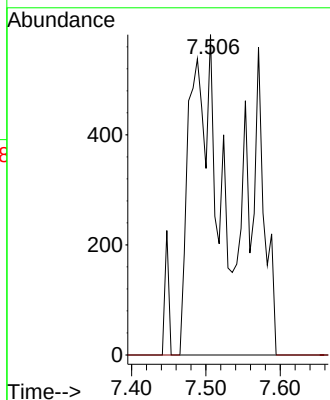
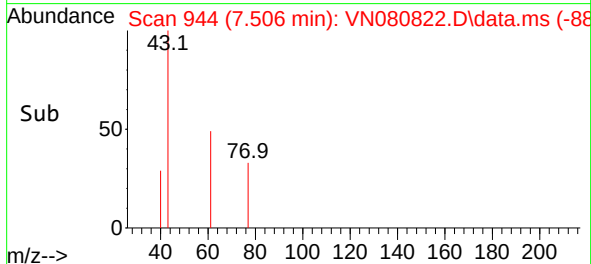
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#

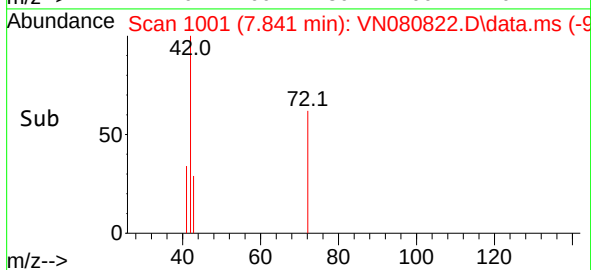
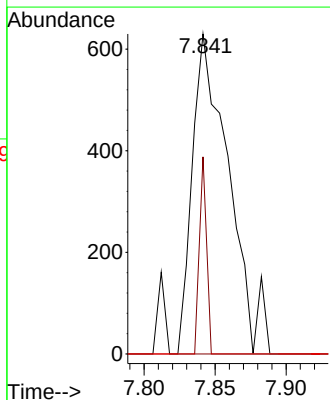
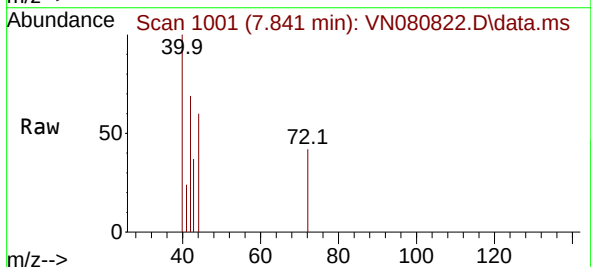
Manual Integrations
APPROVED

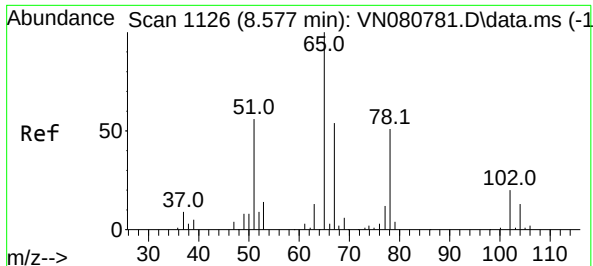
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#29
Tetrahydrofuran
Concen: 1.379 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 42 Resp: 1126
Ion Ratio Lower Upper
42 100
72 12.2 31.1 46.7#
71 0.0 28.3 42.5#





#33

1,2-Dichloroethane-d4

Concen: 55.125 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 9655

Ion Ratio Lower Upper

65 100

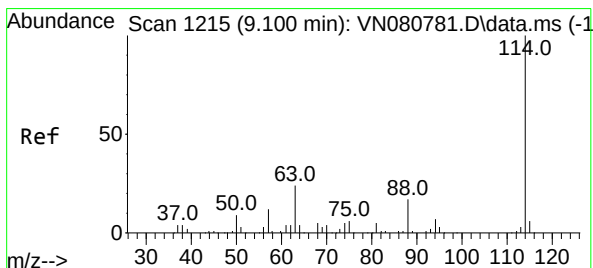
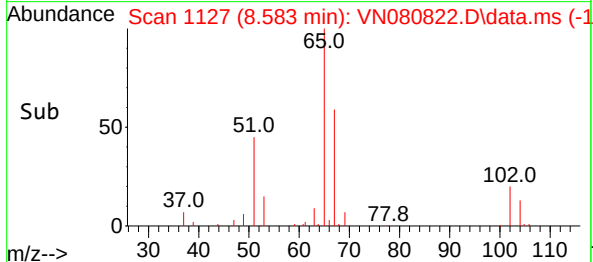
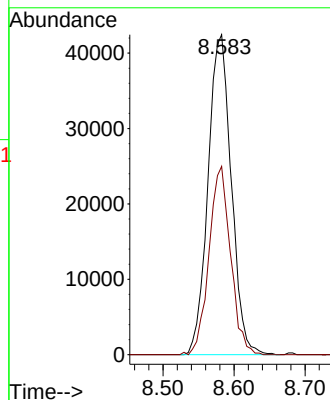
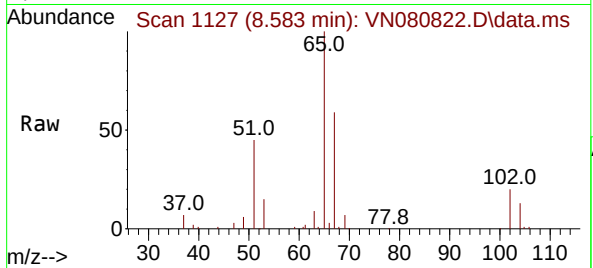
67 54.5 0.0 102.4

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: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

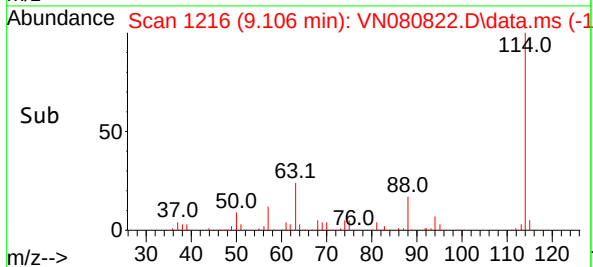
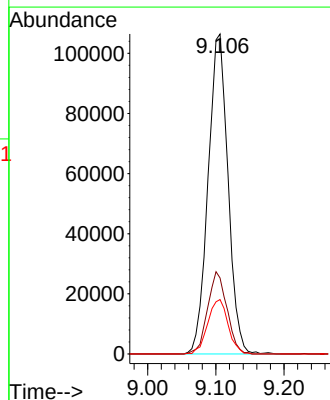
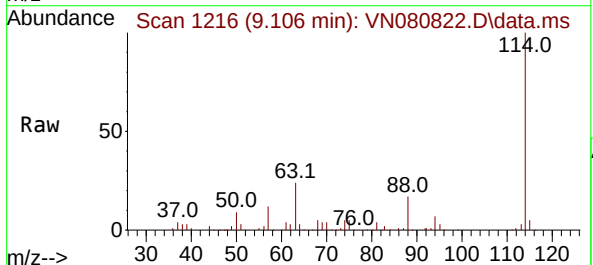
Tgt Ion:114 Resp: 216012

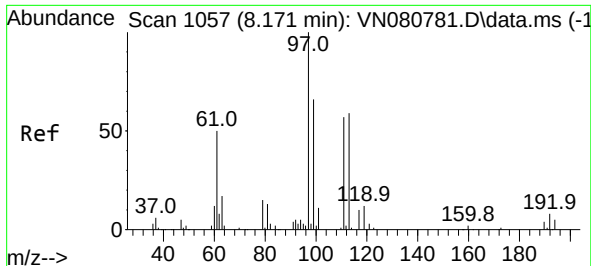
Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.0

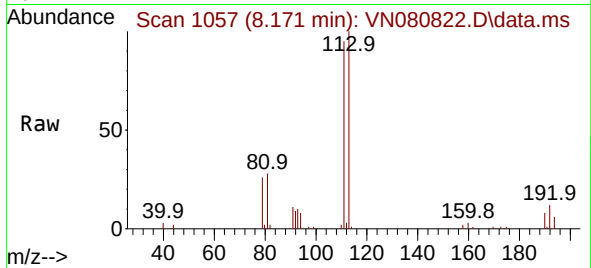
88 17.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 52.121 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

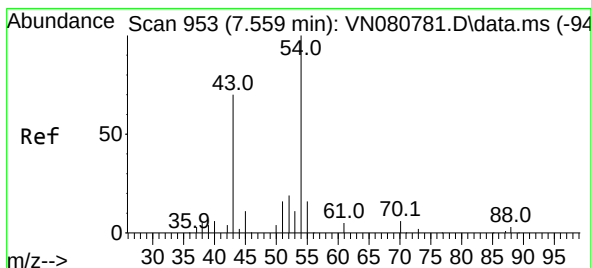
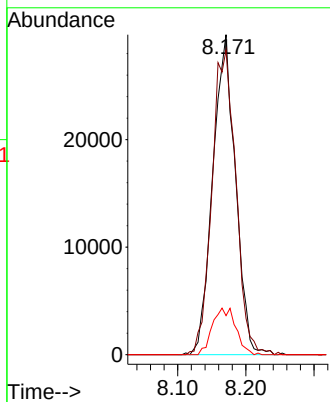
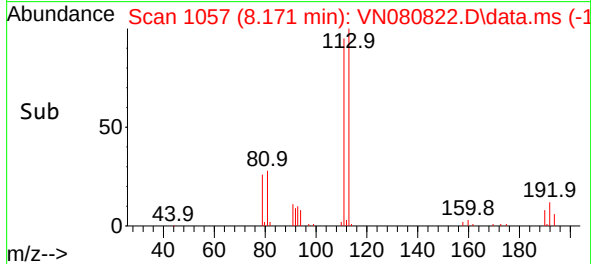
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 113 Resp: 6888
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 15.2 12.5 18.7

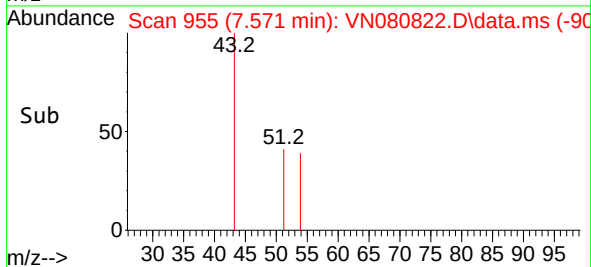
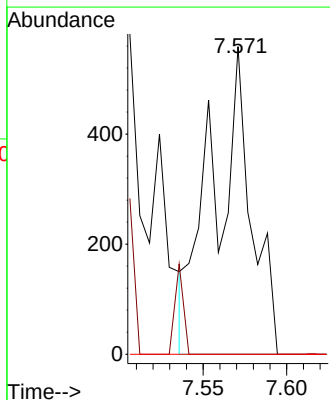
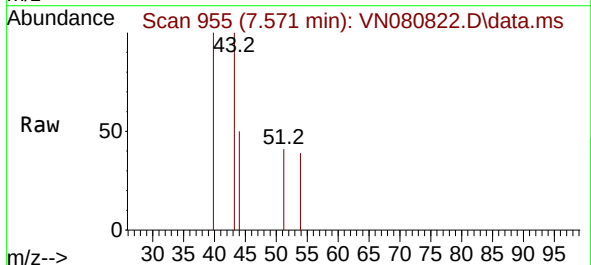
Manual Integrations
APPROVED

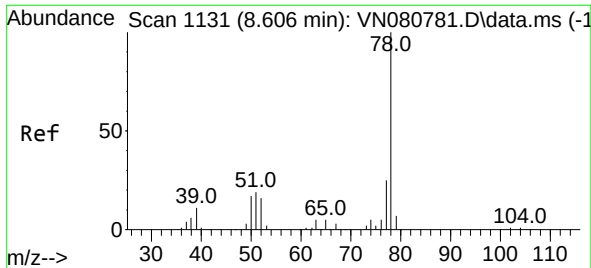
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#37
Ethyl Acetate
Concen: 0.349 ug/l m
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#





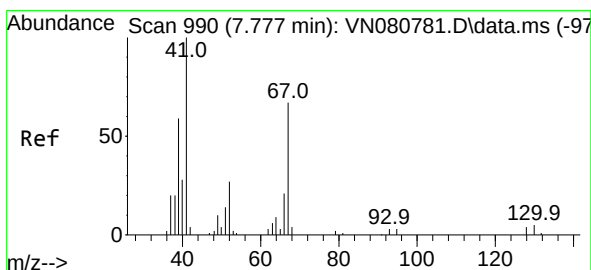
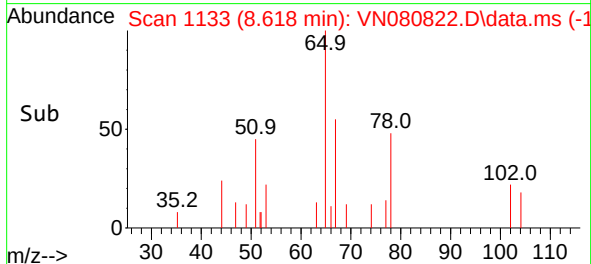
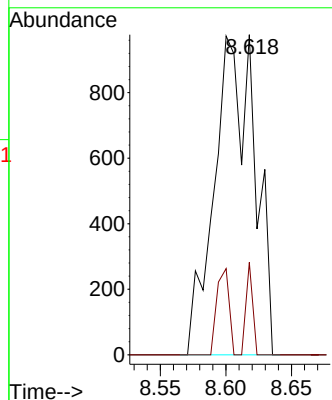
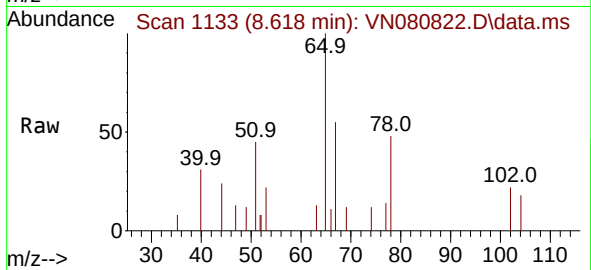
#40
Benzene
Concen: 0.288 ug/l
RT: 8.618 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 78 Resp: 2070
Ion Ratio Lower Upper
78 100
77 28.9 20.4 30.6

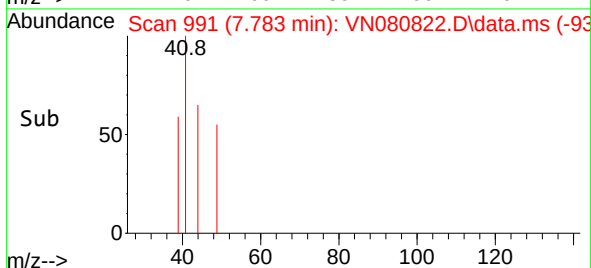
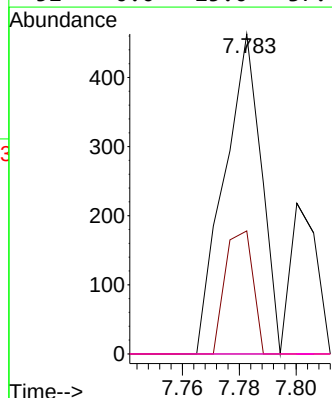
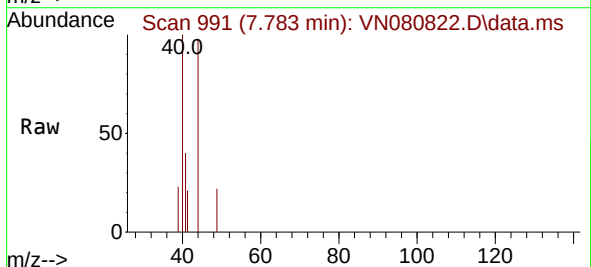
Manual Integrations
APPROVED

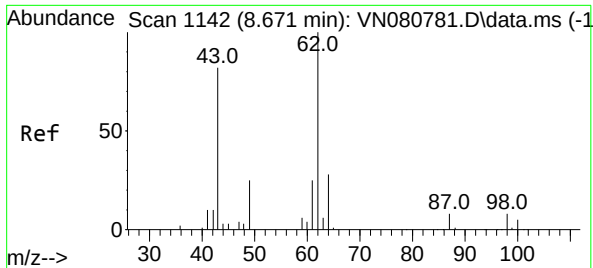
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#41
Methacrylonitrile
Concen: 0.282 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 41 Resp: 420
Ion Ratio Lower Upper
41 100
39 28.8 48.4 72.6#
67 0.0 56.8 85.2#
52 0.0 25.0 37.4#





#42

1,2-Dichloroethane

Concen: 0.333 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 62 Resp: 784

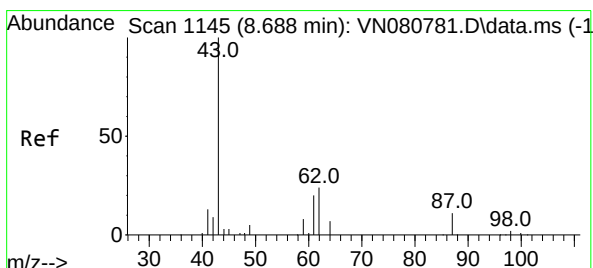
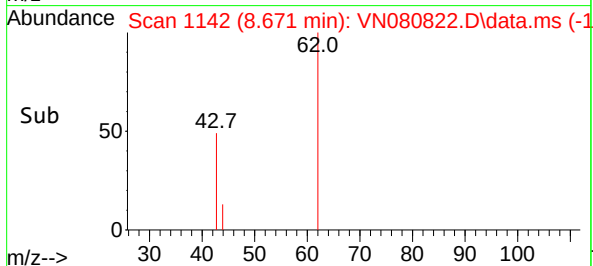
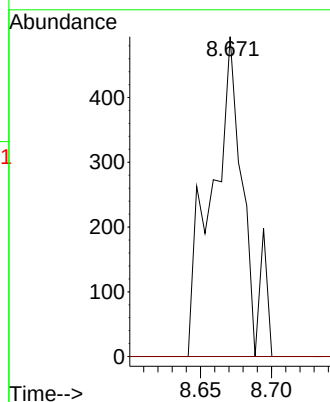
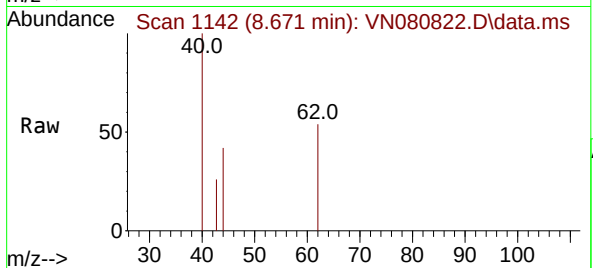
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#43

Isopropyl Acetate

Concen: 0.261 ug/l m

RT: 8.694 min Scan# 1146

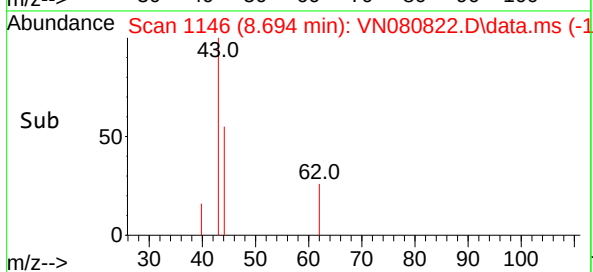
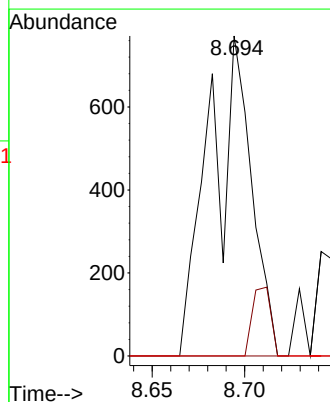
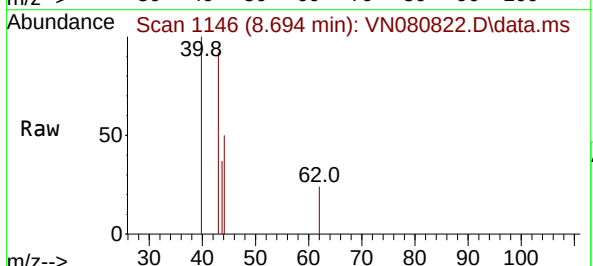
Delta R.T. 0.006 min

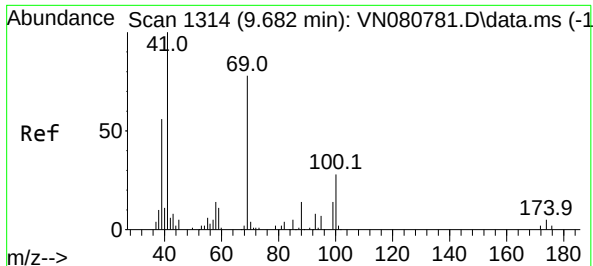
Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Tgt Ion: 43 Resp: 1202

Ion	Ratio	Lower	Upper
43	100		
61	9.6	19.9	29.9#
87	0.0	9.0	13.6#





#48

Methyl methacrylate

Concen: 0.267 ug/l m

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

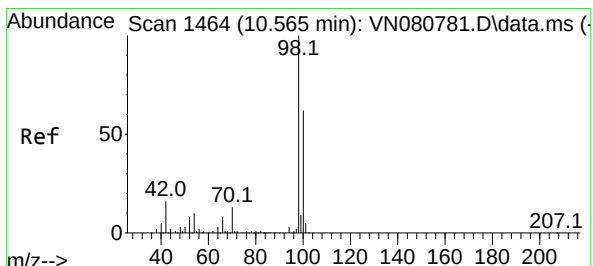
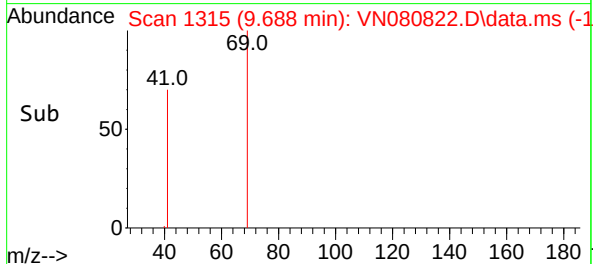
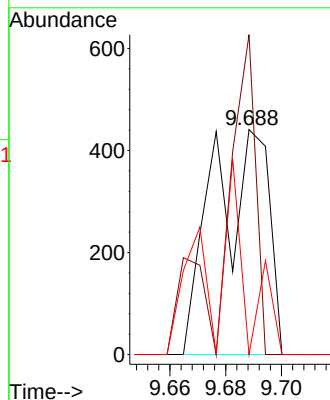
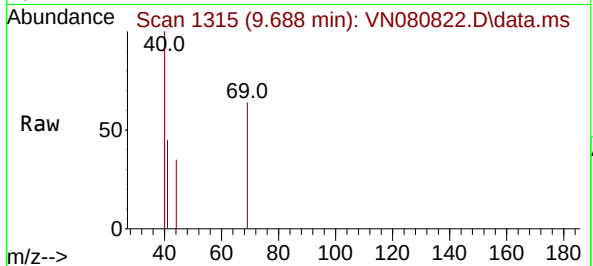
Tgt Ion: 41	Resp: 59
Ion Ratio	Lower Upper
41	100
69	82.5 62.2 93.2
39	33.8 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#50

Toluene-d8

Concen: 50.019 ug/l

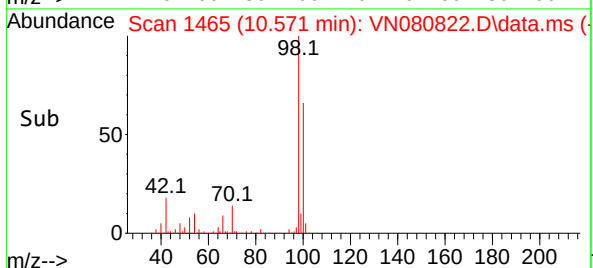
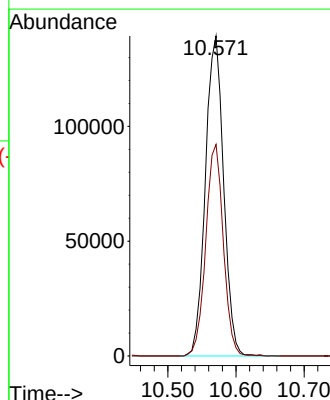
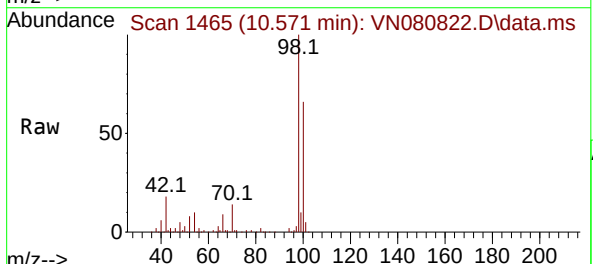
RT: 10.571 min Scan# 1465

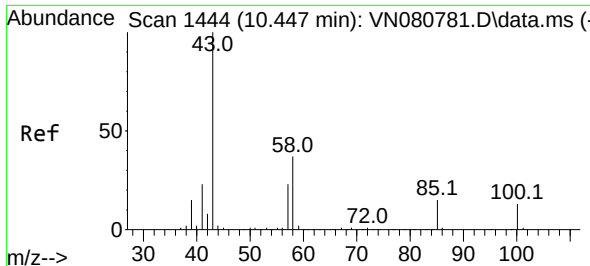
Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

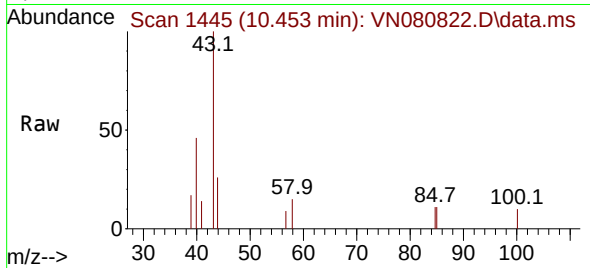
Tgt Ion: 98	Resp: 258725
Ion Ratio	Lower Upper
98	100
100	63.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 1.151 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

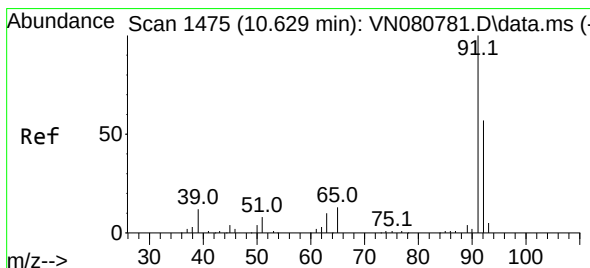
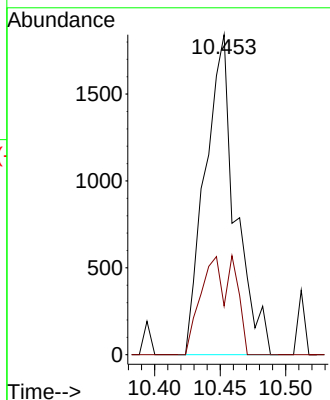
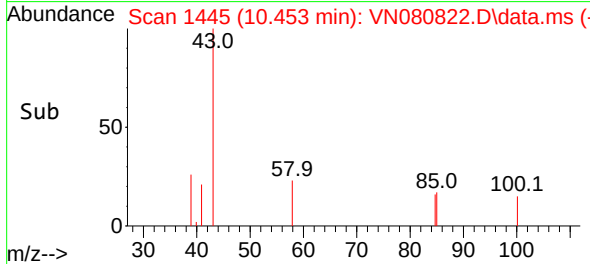
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 2962
Ion Ratio Lower Upper
43 100
58 33.7 29.4 44.0

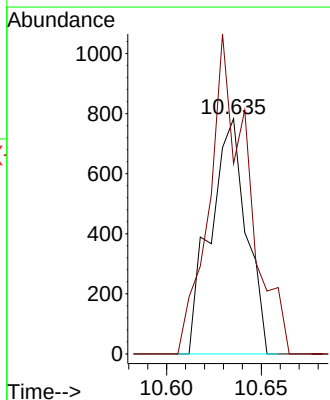
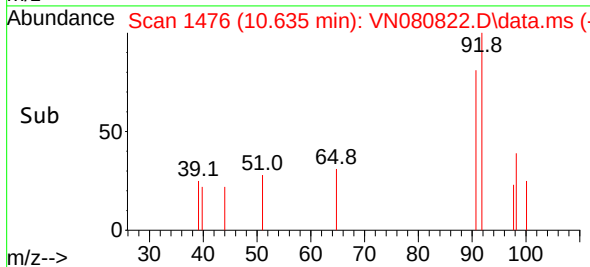
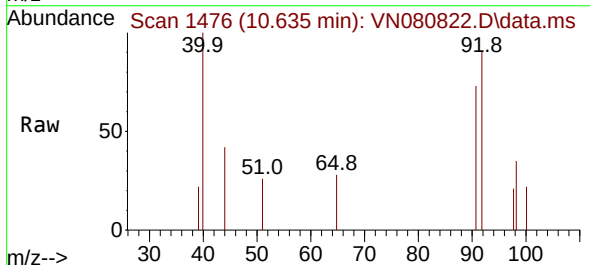
Manual Integrations
APPROVED

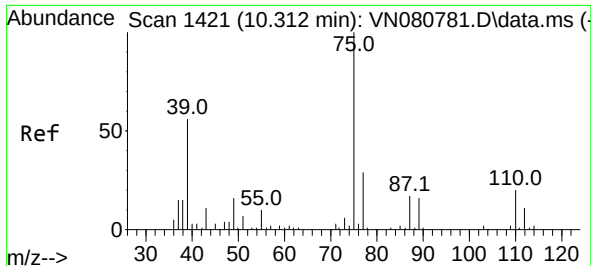
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#52
Toluene
Concen: 0.251 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

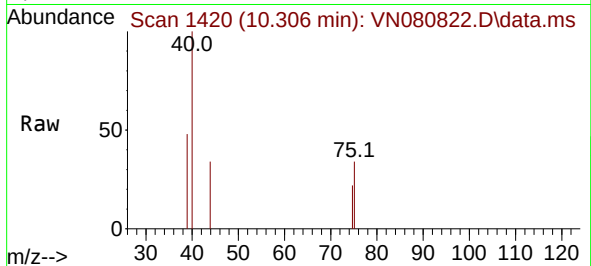
Tgt Ion: 92 Resp: 1037
Ion Ratio Lower Upper
92 100
91 144.8 139.4 209.0





#54
cis-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

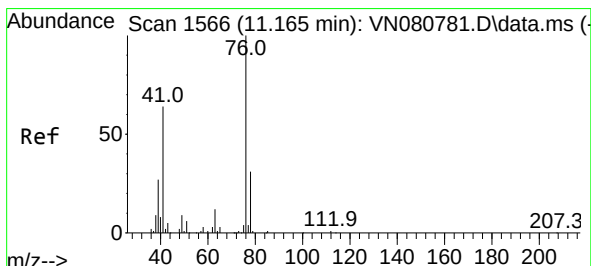
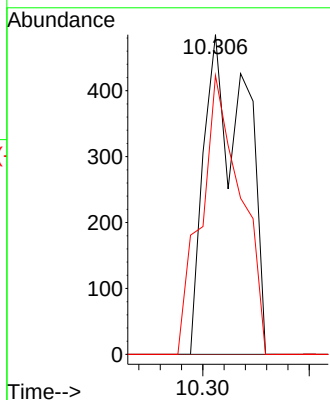
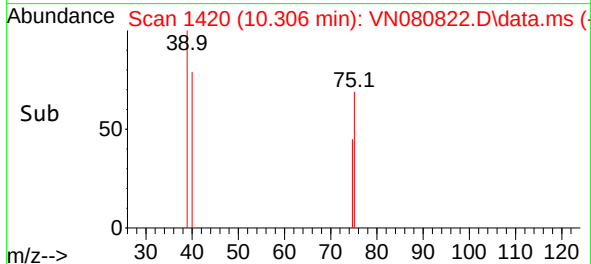
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 654
Ion Ratio Lower Upper
75 100
77 0.0 23.3 34.9
39 87.2 44.6 66.8

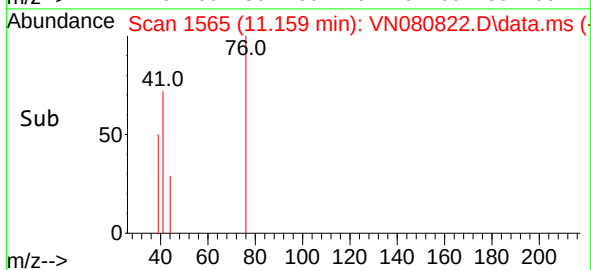
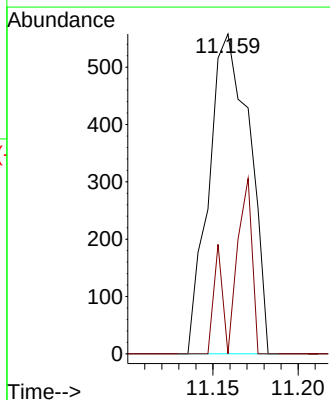
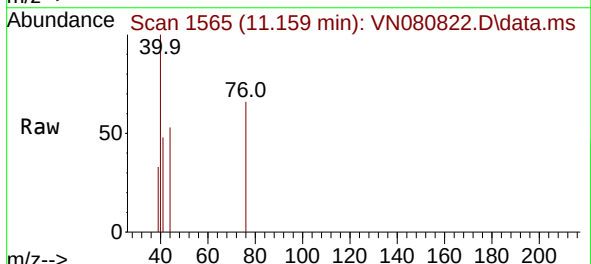
Manual Integrations
APPROVED

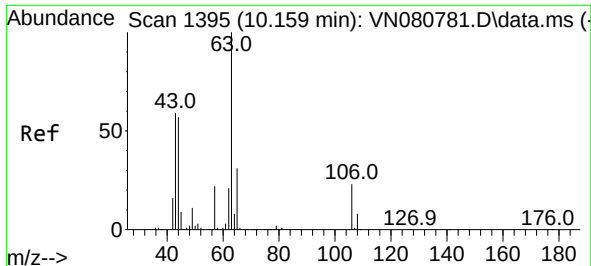
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#57
1,3-Dichloropropane
Concen: 0.310 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

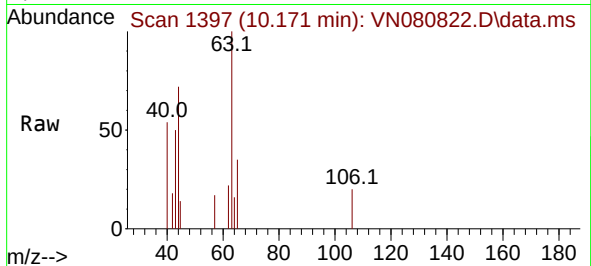
Tgt Ion: 76 Resp: 928
Ion Ratio Lower Upper
76 100
78 26.5 25.5 38.3





#58
2-Chloroethyl Vinyl ether
Concen: 1.798 ug/l m
RT: 10.171 min Scan# 1397
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

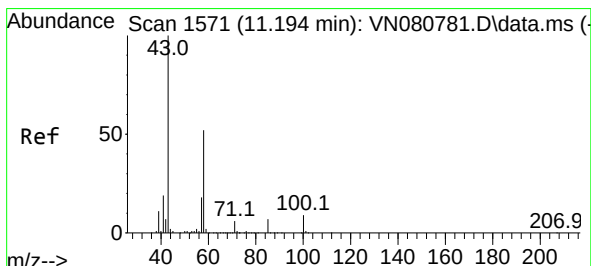
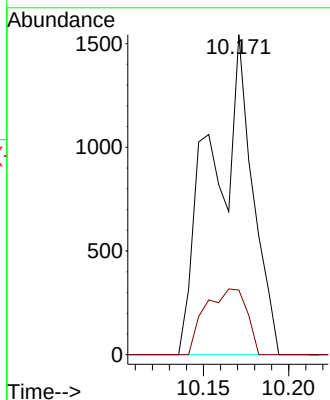
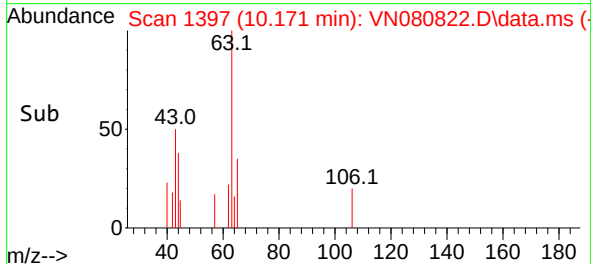
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



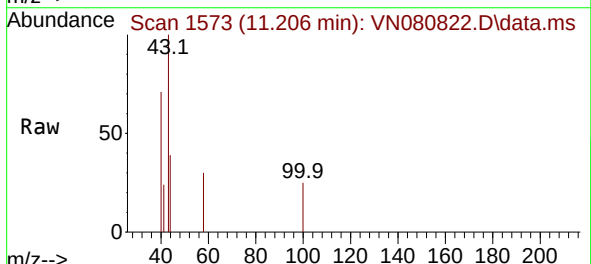
Tgt Ion: 63 Resp: 256
Ion Ratio Lower Upper
63 100
106 20.9 18.6 28.0

Manual Integrations
APPROVED

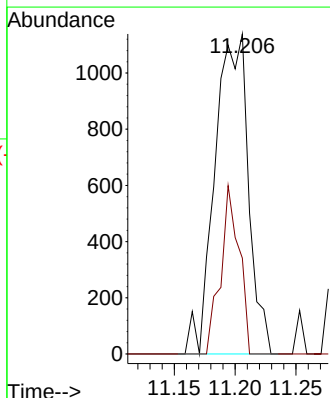
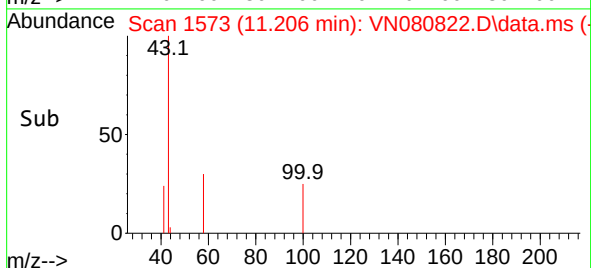
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

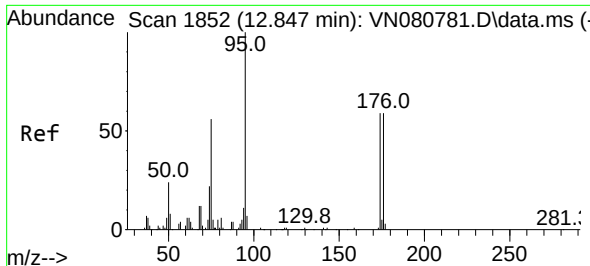


#59
2-Hexanone
Concen: 1.089 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23



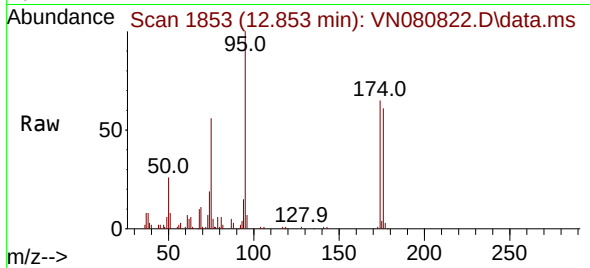
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
58 29.1 25.9 77.8





#62
4-Bromofluorobenzene
Concen: 44.926 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

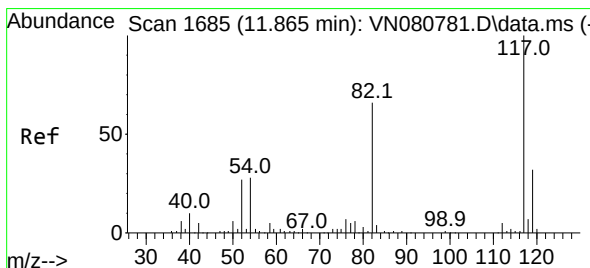
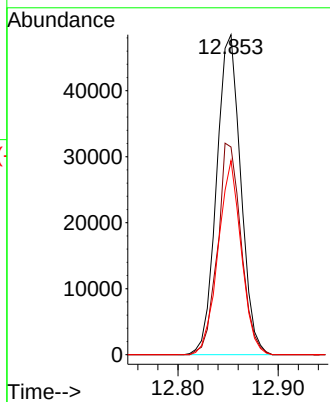
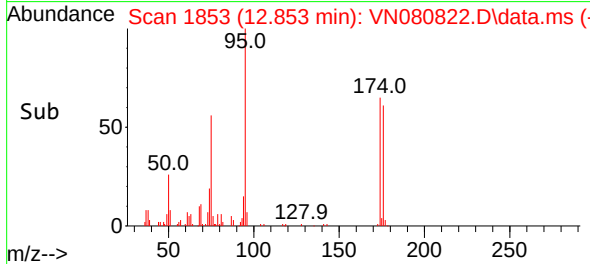
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



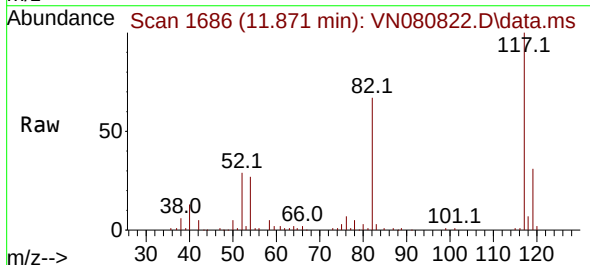
Tgt Ion: 95 Resp: 80978
Ion Ratio Lower Upper
95 100
174 64.5 0.0 120.4
176 58.1 0.0 121.0

Manual Integrations
APPROVED

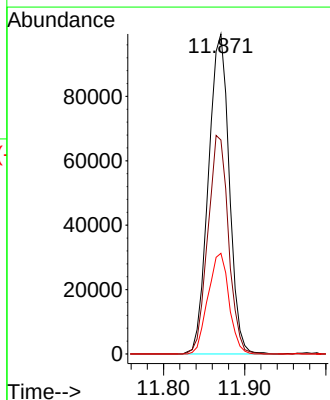
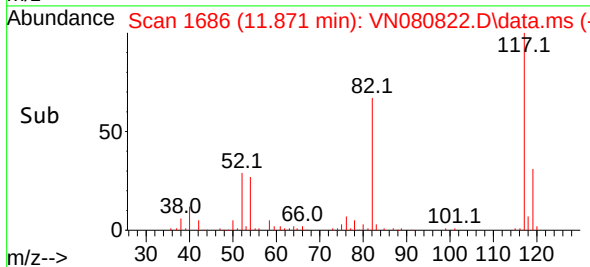
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

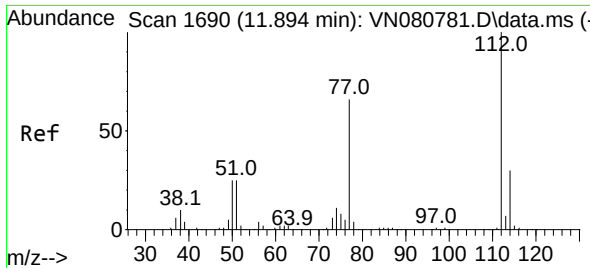


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23



Tgt Ion:117 Resp: 176845
Ion Ratio Lower Upper
117 100
82 66.9 52.7 79.1
119 31.4 25.3 37.9





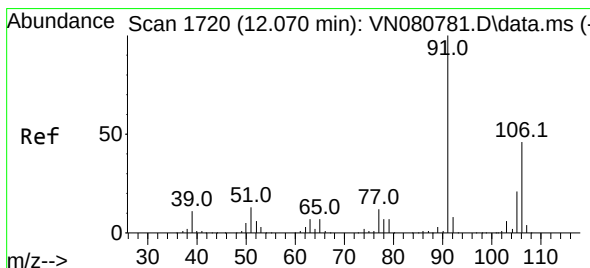
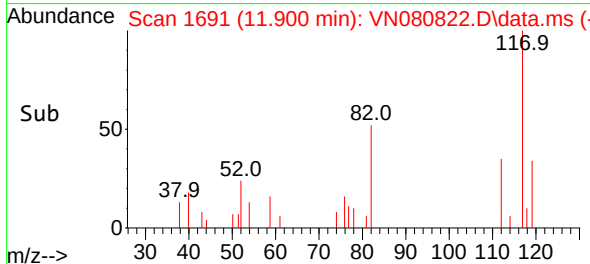
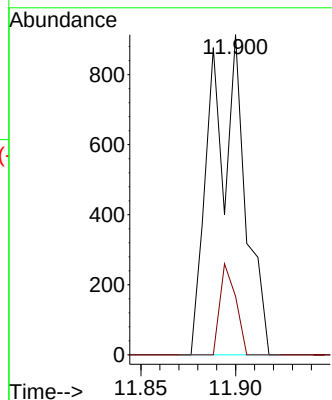
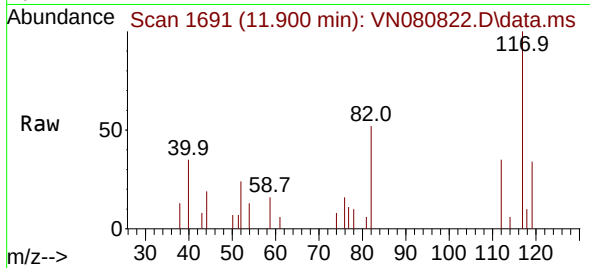
#65
Chlorobenzene
Concen: 0.289 ug/l
RT: 11.900 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:112 Resp: 1114
Ion Ratio Lower Upper
112 100
114 18.3 23.7 35.5

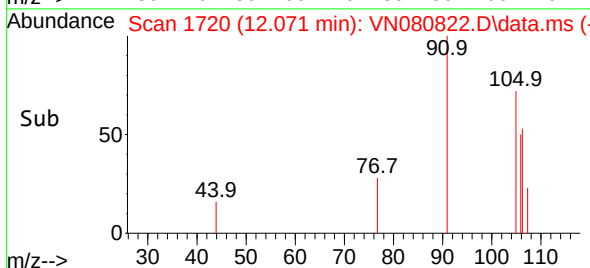
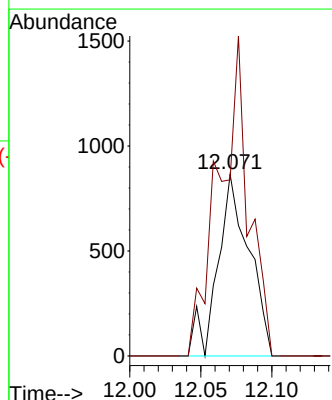
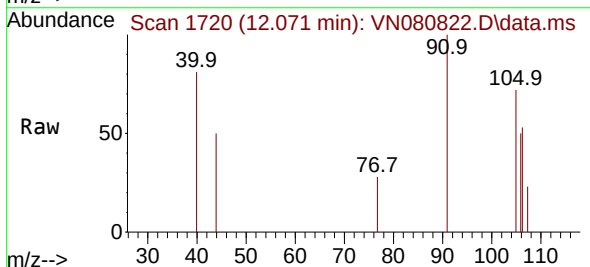
Manual Integrations
APPROVED

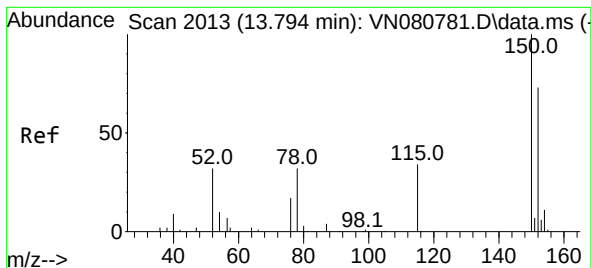
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#68
m/p-Xylenes
Concen: 0.521 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion:106 Resp: 1328
Ion Ratio Lower Upper
106 100
91 166.6 169.0 253.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:152 Resp: 6353

Ion Ratio Lower Upper

152 100

115 66.0 32.3 96.8

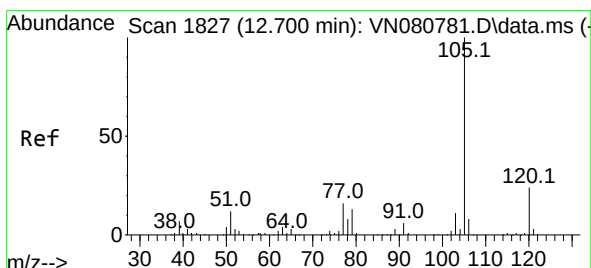
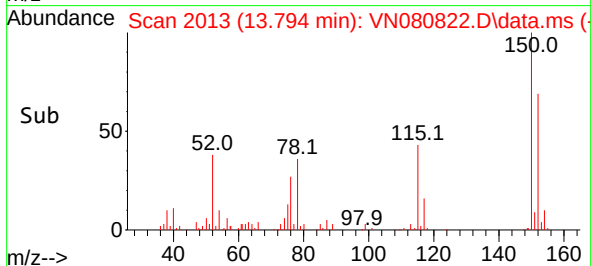
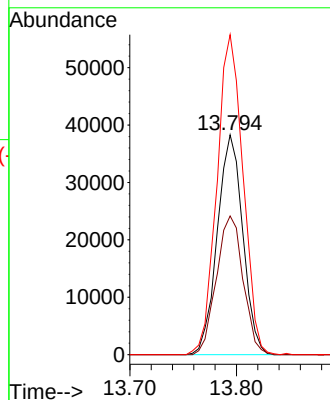
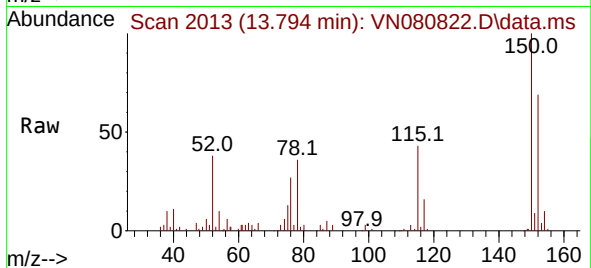
150 149.2 0.0 339.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#73

Isopropylbenzene

Concen: 0.242 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080822.D

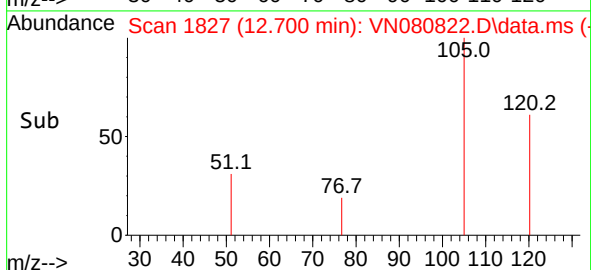
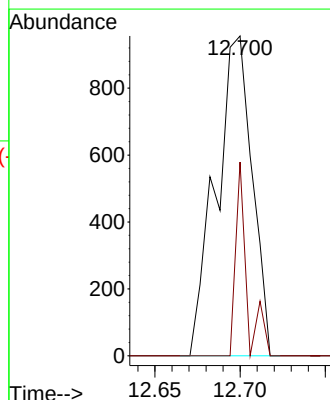
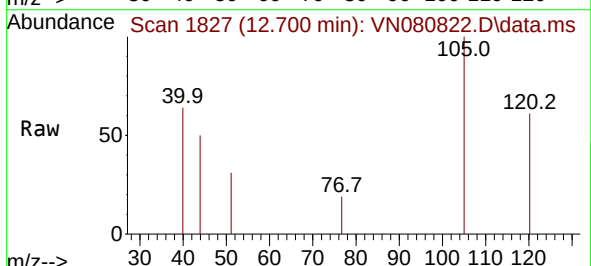
Acq: 30 Jan 2024 18:23

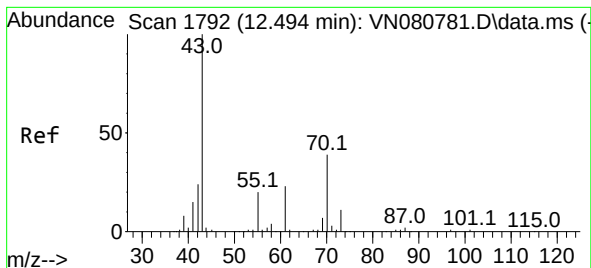
Tgt Ion:105 Resp: 1410

Ion Ratio Lower Upper

105 100

120 18.6 12.6 37.6





#74

N-amy1 acetate

Concen: 0.222 ug/l

RT: 12.500 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 802

Ion Ratio Lower Upper

43 100

70 6.7 30.1 45.1

55 9.6 17.0 25.4

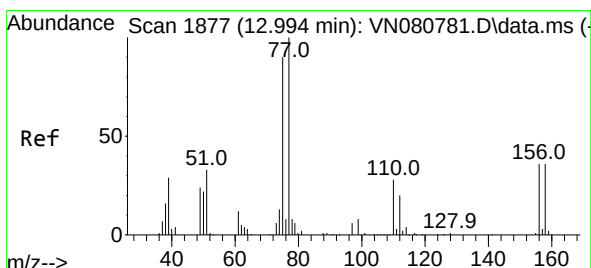
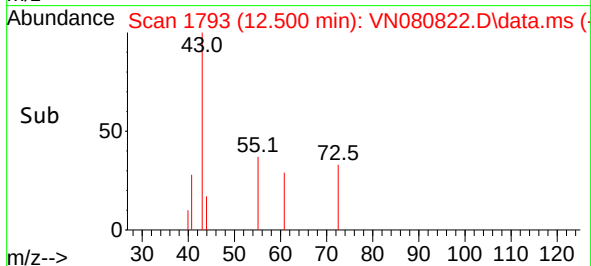
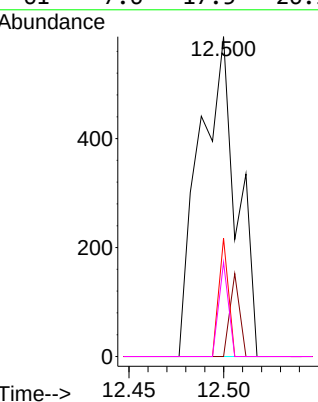
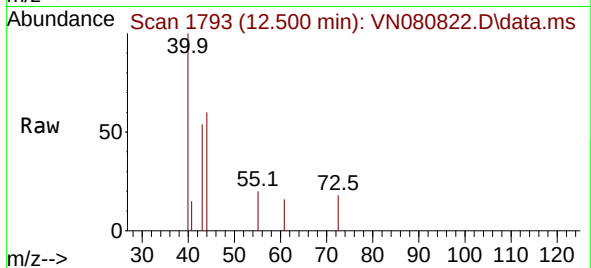
61 7.6 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#76

1,2,3-Trichloropropane

Concen: 0.238 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080822.D

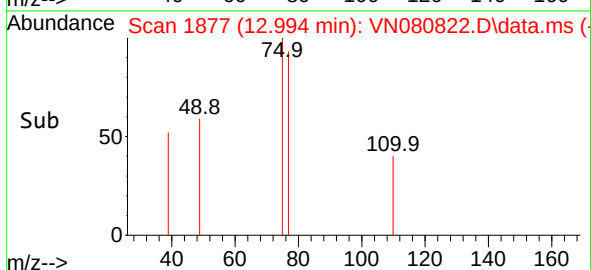
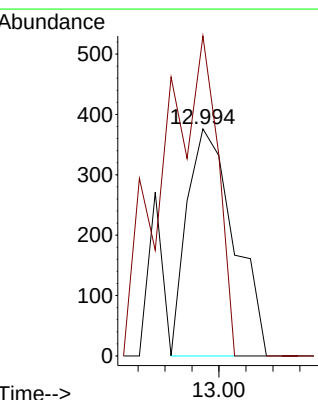
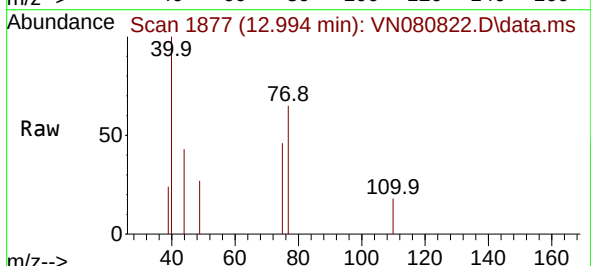
Acq: 30 Jan 2024 18:23

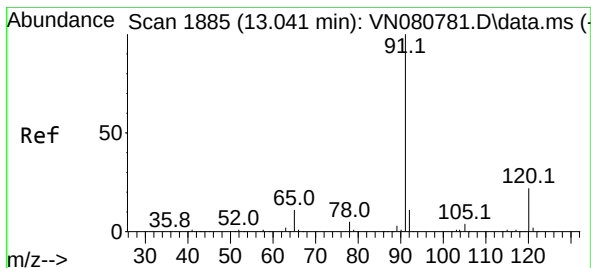
Tgt Ion: 75 Resp: 456

Ion Ratio Lower Upper

75 100

77 148.7 91.0 272.8





#78

n-propylbenzene

Concen: 0.234 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.012 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 1629

Ion Ratio Lower Upper

91 100

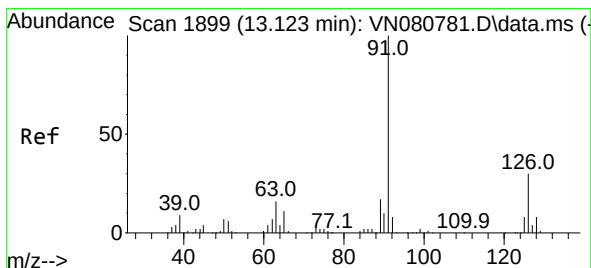
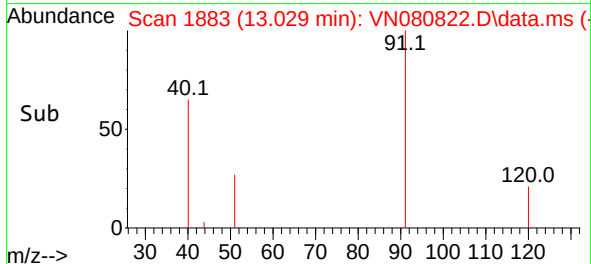
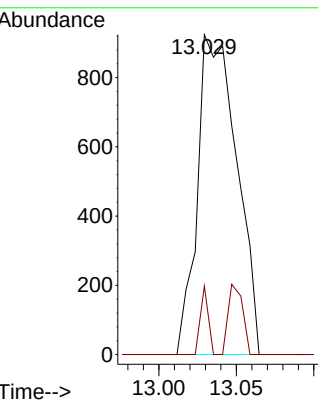
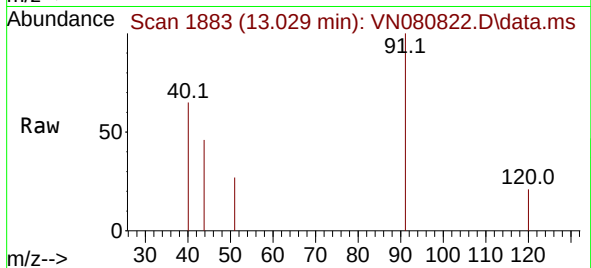
120 4.3 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#79

2-Chlorotoluene

Concen: 0.221 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN080822.D

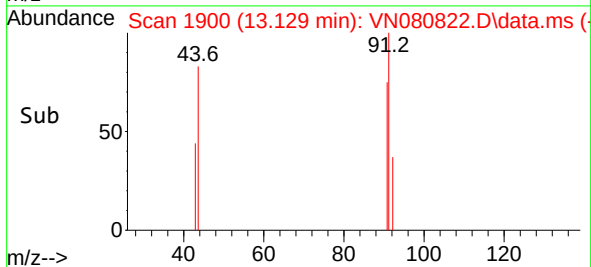
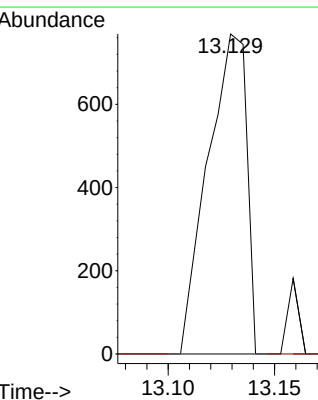
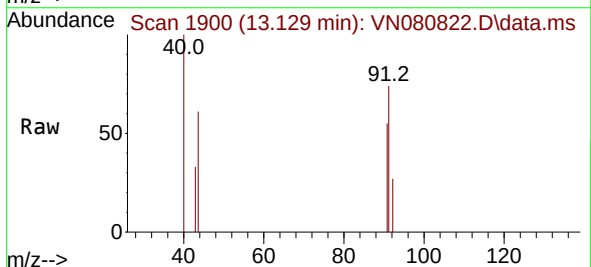
Acq: 30 Jan 2024 18:23

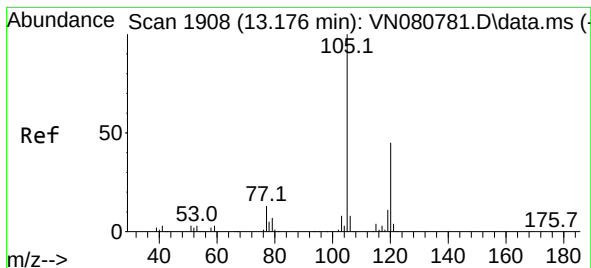
Tgt Ion: 91 Resp: 975

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#





#80

1,3,5-Trimethylbenzene

Concen: 0.263 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN080822.D

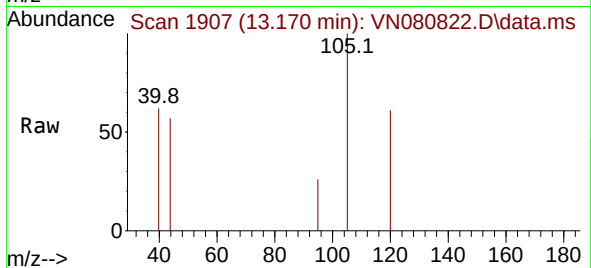
Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:105 Resp: 1220

Ion Ratio Lower Upper

105 100

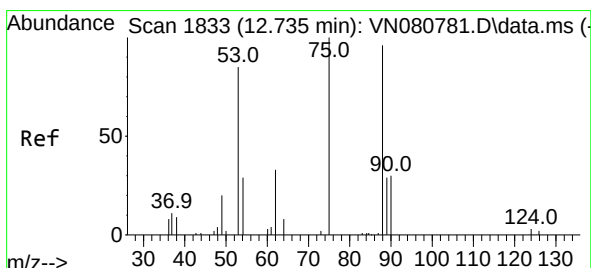
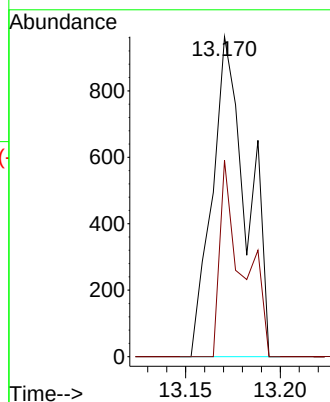
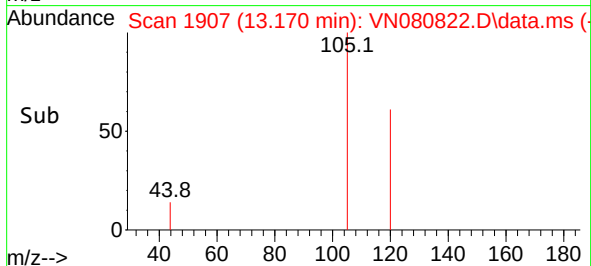
120 40.6 23.0 69.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 0.226 ug/l m

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

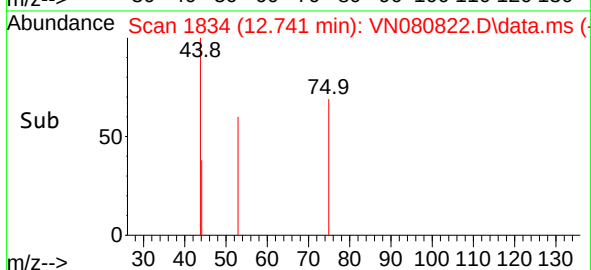
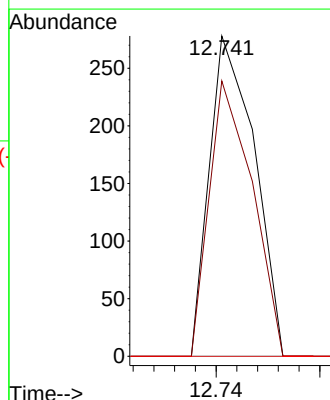
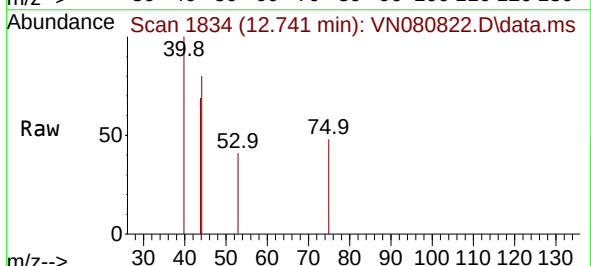
Tgt Ion: 75 Resp: 168

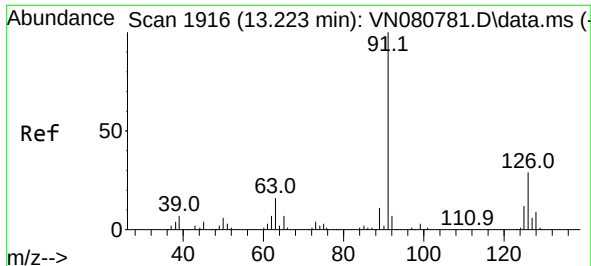
Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

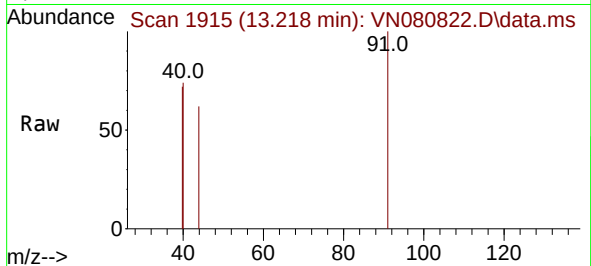
89 0.0 33.4 50.0#





#82
4-Chlorotoluene
Concen: 0.310 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

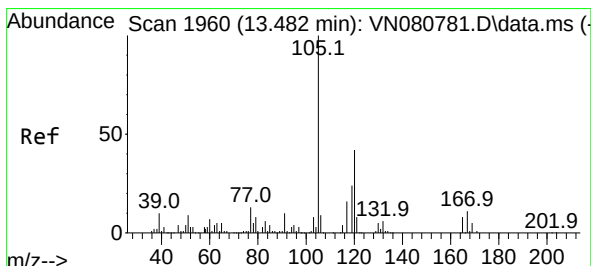
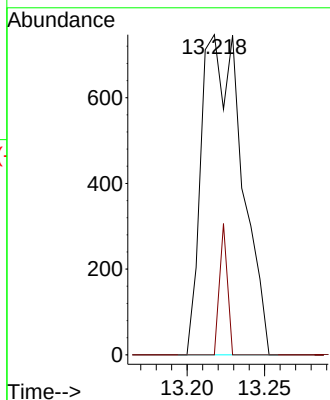
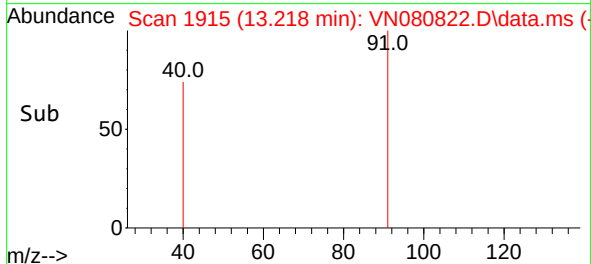
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



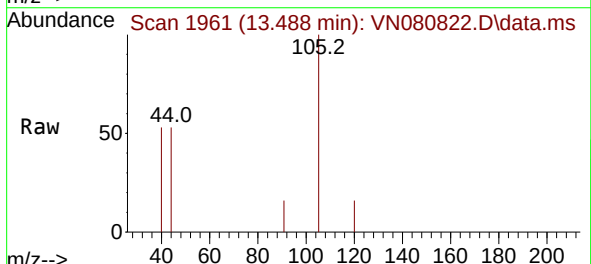
Tgt Ion: 91 Resp: 1358
Ion Ratio Lower Upper
91 100
126 8.0 15.3 45.9#

Manual Integrations
APPROVED

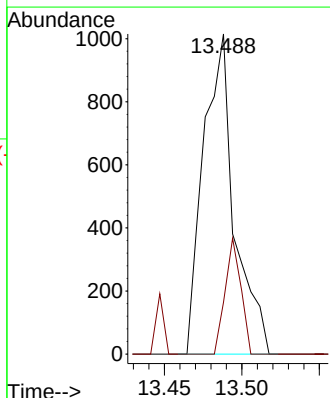
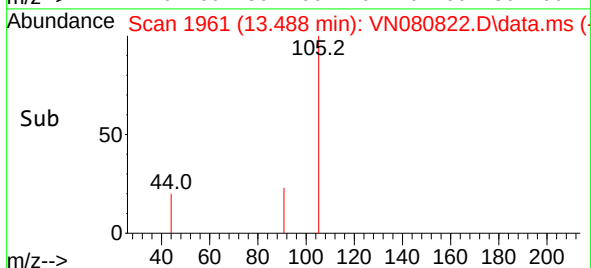
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

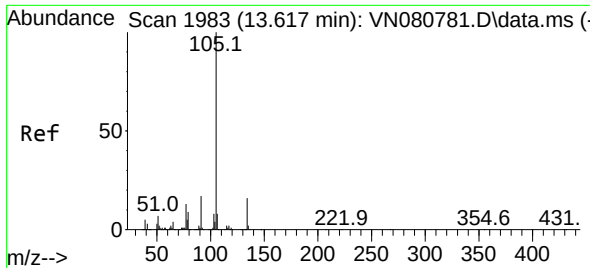


#84
1,2,4-Trimethylbenzene
Concen: 0.300 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23



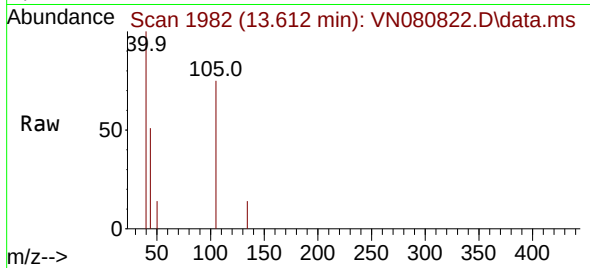
Tgt Ion:105 Resp: 1407
Ion Ratio Lower Upper
105 100
120 18.3 20.9 62.7#





#85
sec-Butylbenzene
Concen: 0.245 ug/l
RT: 13.612 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

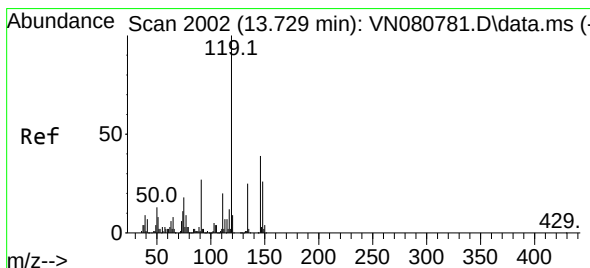
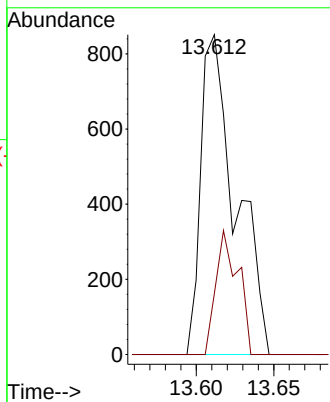
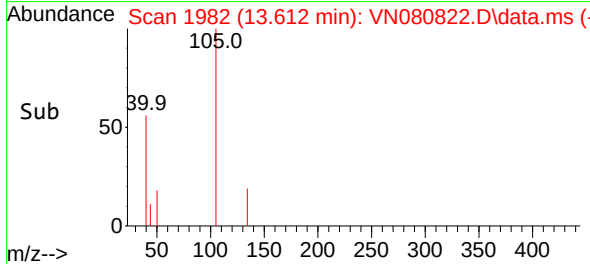
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:105 Resp: 1330
Ion Ratio Lower Upper
105 100
134 24.6 8.6 25.8

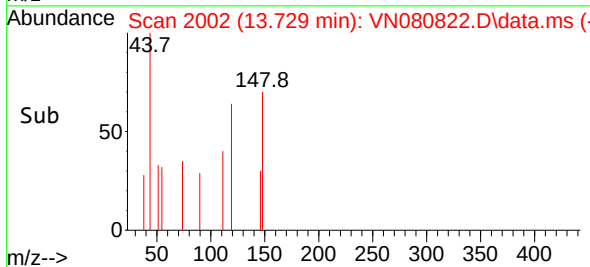
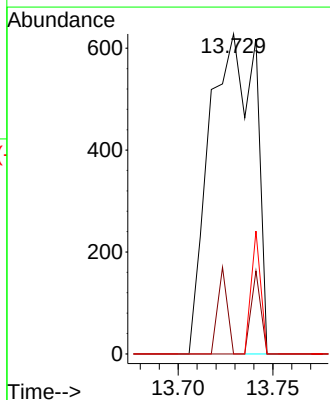
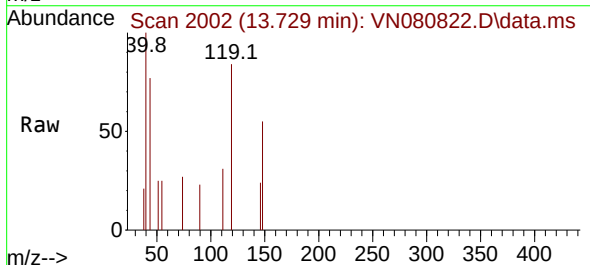
Manual Integrations
APPROVED

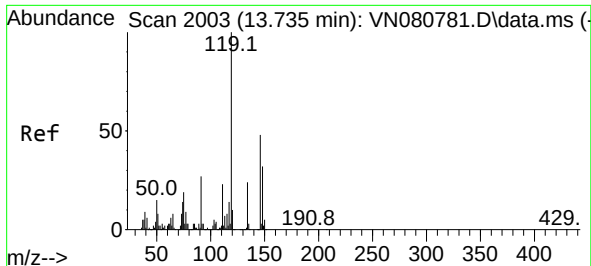
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#86
p-Isopropyltoluene
Concen: 0.249 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

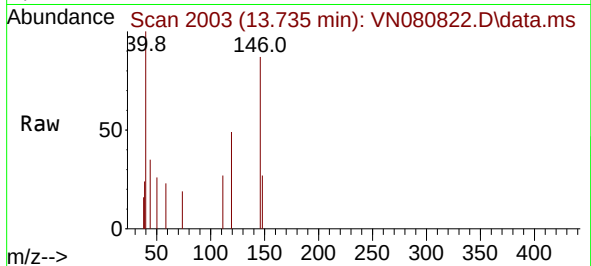
Tgt Ion:119 Resp: 1054
Ion Ratio Lower Upper
119 100
134 5.7 12.4 37.2#
91 0.0 13.5 40.4#





#87
1,3-Dichlorobenzene
Concen: 0.383 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

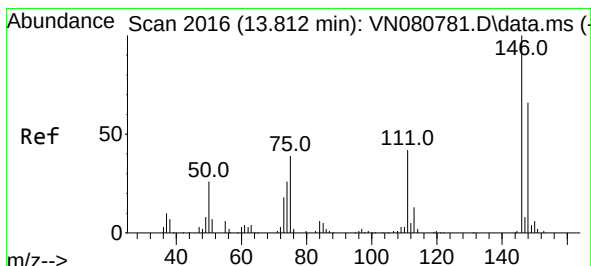
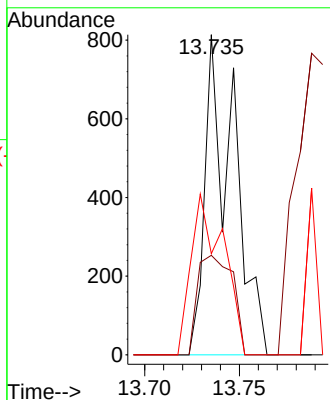
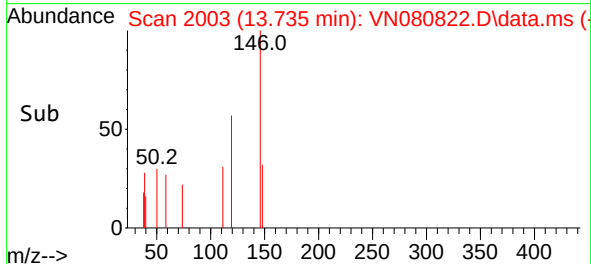
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



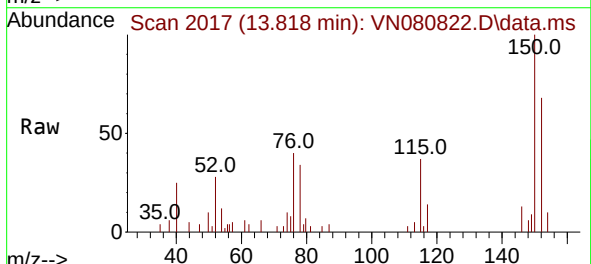
Tgt Ion:146 Resp: 85
Ion Ratio Lower Upper
146 100
111 38.3 23.9 71.7
148 56.8 32.6 97.7

Manual Integrations
APPROVED

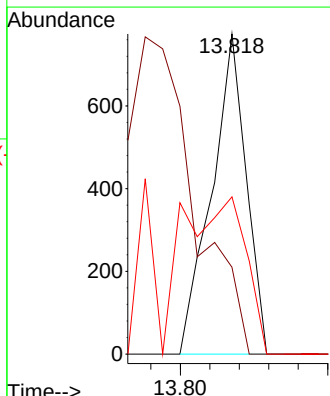
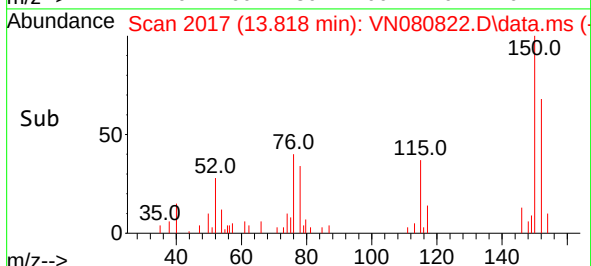
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

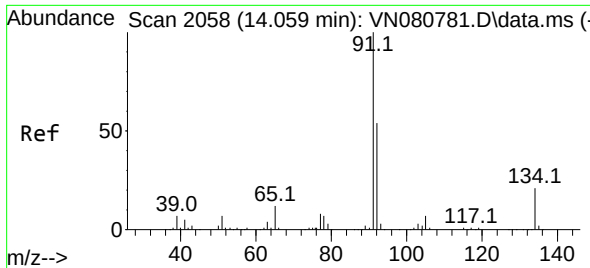


#88
1,4-Dichlorobenzene
Concen: 0.282 ug/l m
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23



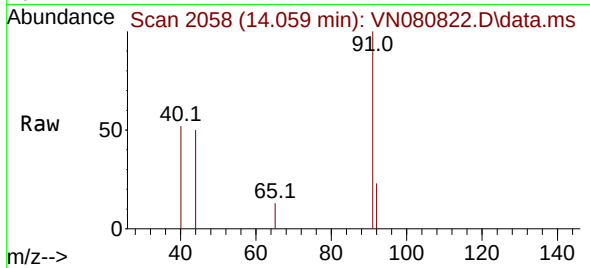
Tgt Ion:146 Resp: 630
Ion Ratio Lower Upper
146 100
111 51.7 22.6 67.7
148 76.7 31.9 95.5





#89
n-Butylbenzene
Concen: 0.293 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

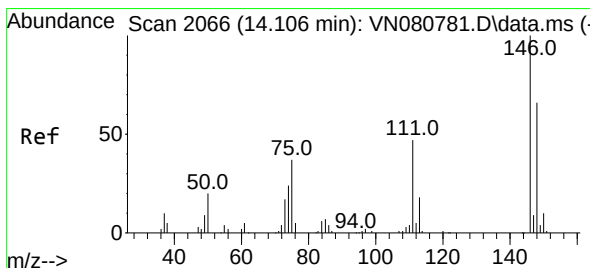
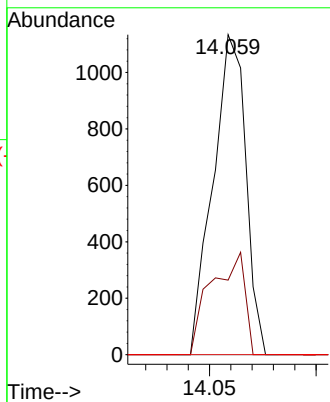
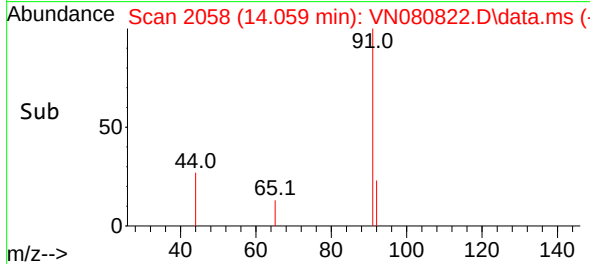
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



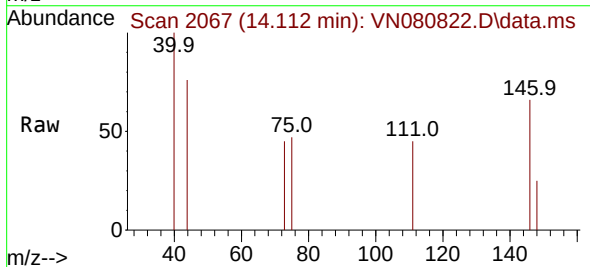
Tgt Ion: 91 Resp: 1215
Ion Ratio Lower Upper
91 100
92 32.8 26.7 80.1
134 0.0 10.8 32.4

Manual Integrations
APPROVED

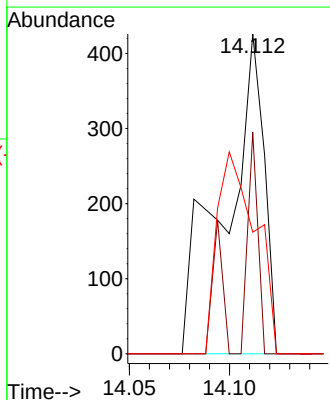
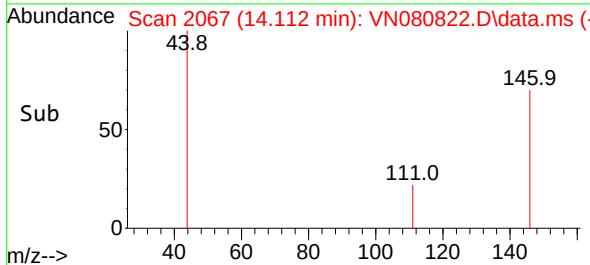
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

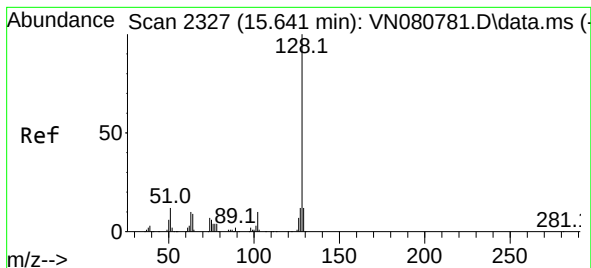


#91
1,2-Dichlorobenzene
Concen: 0.286 ug/l m
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23



Tgt Ion:146 Resp: 583
Ion Ratio Lower Upper
146 100
111 17.8 23.9 71.8#
148 0.0 31.4 94.0#





#95

Naphthalene

Concen: 0.232 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080822.D

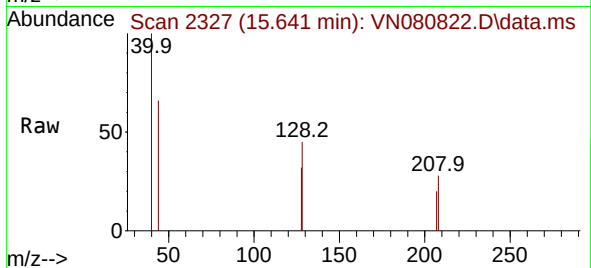
Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



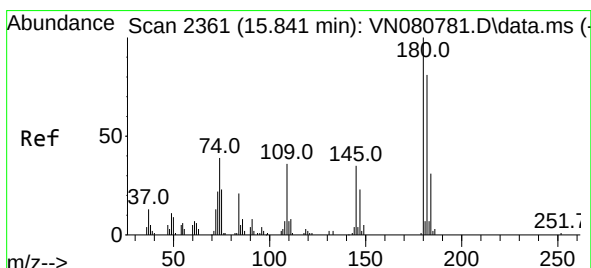
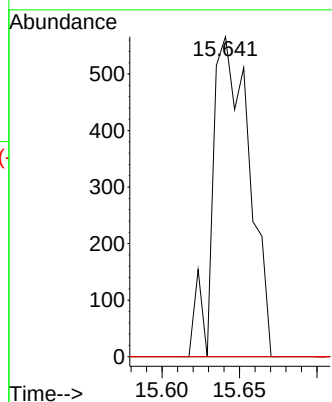
Tgt Ion:	128	Resp:	930
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.0	15.0
129	0.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#96

1,2,3-Trichlorobenzene

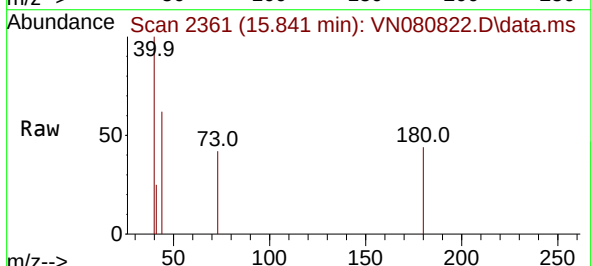
Concen: 0.239 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23



Tgt Ion:	180	Resp:	246
Ion Ratio	Lower	Upper	
180	100		
182	100.8	46.5	139.3
145	26.4	17.8	53.4

