

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082144.D
 Acq On : 15 May 2024 20:26
 Operator : JC\MD
 Sample : P2403-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: May 16 06:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:08:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144121	50.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.160%			
35) Dibromofluoromethane	8.165	113	95644	49.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.640%			
50) Toluene-d8	10.570	98	365841	49.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.853	95	122400	46.593	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	12436	4.780	ug/l	100
3) Chloromethane	2.365	50	14935	5.065	ug/l	98
4) Vinyl Chloride	2.518	62	13903	5.015	ug/l	90
5) Bromomethane	2.953	94	8794	5.519	ug/l	90
6) Chloroethane	3.118	64	10036	5.545	ug/l #	89
7) Trichlorofluoromethane	3.500	101	18732	5.160	ug/l	89
8) Diethyl Ether	3.959	74	6622	5.121	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.365	101	10268	4.842	ug/l	96
10) Methyl Iodide	4.583	142	8913	4.181	ug/l #	93
11) Tert butyl alcohol	5.530	59	11997	26.228	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	10147	5.148	ug/l #	74
13) Acrolein	4.183	56	6741	19.887	ug/l	97
14) Allyl chloride	5.030	41	21000	4.977	ug/l #	86
15) Acrylonitrile	5.718	53	30818	26.014	ug/l	99
16) Acetone	4.436	43	28937	24.755	ug/l	91
17) Carbon Disulfide	4.718	76	30283	4.757	ug/l #	91
18) Methyl Acetate	5.024	43	15218	5.228	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	35832	4.974	ug/l	99
20) Methylene Chloride	5.277	84	12558	5.325	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	10628	4.948	ug/l	96
22) Diisopropyl ether	6.671	45	43714	4.961	ug/l #	89
23) Vinyl Acetate	6.600	43	162040	23.325	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	22773	5.014	ug/l	95
25) 2-Butanone	7.482	43	44685	25.213	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	17332	4.556	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	13055	5.151	ug/l	81
28) Bromochloromethane	7.812	49	12416	5.867	ug/l #	73
29) Tetrahydrofuran	7.841	42	29606	26.018	ug/l #	79
30) Chloroform	7.965	83	21953	5.062	ug/l	94
31) Cyclohexane	8.259	56	25152	5.526	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	18918	4.917	ug/l	89
36) 1,1-Dichloropropene	8.371	75	16077	4.993	ug/l	95
37) Ethyl Acetate	7.559	43	18524	5.141	ug/l #	93
38) Carbon Tetrachloride	8.359	117	15384	4.713	ug/l	96
39) Methylcyclohexane	9.606	83	16603	4.704	ug/l #	84
40) Benzene	8.606	78	48685	5.071	ug/l	98

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Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	10732	5.064	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	20042	5.428	ug/l	94
43) Isopropyl Acetate	8.688	43	32431	5.080	ug/l #	90
44) Trichloroethene	9.353	130	10599	4.860	ug/l	87
45) 1,2-Dichloropropane	9.623	63	12321	4.974	ug/l	98
46) Dibromomethane	9.706	93	8211	5.049	ug/l	97
47) Bromodichloromethane	9.888	83	17111	4.984	ug/l	95
48) Methyl methacrylate	9.682	41	14959	4.917	ug/l #	81
49) 1,4-Dioxane	9.694	88	4199	98.497	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	90371	24.912	ug/l	89
52) Toluene	10.629	92	28888	5.014	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	16326	4.598	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	17419	4.634	ug/l #	75
55) 1,1,2-Trichloroethane	11.018	97	10785	5.151	ug/l	98
56) Ethyl methacrylate	10.876	69	17399	4.894	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	19822	5.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	45476	24.801	ug/l	89
59) 2-Hexanone	11.200	43	64218	24.177	ug/l	88
60) Dibromochloromethane	11.359	129	11250	4.869	ug/l	97
61) 1,2-Dibromoethane	11.470	107	10934	5.084	ug/l	95
64) Tetrachloroethene	11.106	164	10510	4.990	ug/l	96
65) Chlorobenzene	11.894	112	30169	4.806	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	10059	4.865	ug/l	99
67) Ethyl Benzene	11.965	91	52379	4.664	ug/l	95
68) m/p-Xylenes	12.070	106	38846	9.439	ug/l	96
69) o-Xylene	12.400	106	18409	4.618	ug/l	92
70) Styrene	12.412	104	29752	4.493	ug/l	95
71) Bromoform	12.576	173	7291	4.910	ug/l #	93
73) Isopropylbenzene	12.694	105	45920	4.809	ug/l	98
74) N-amyl acetate	12.494	43	24324	4.631	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	14376	5.223	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	14309m	5.656	ug/l	
77) Bromobenzene	12.982	156	11093	4.875	ug/l	84
78) n-propylbenzene	13.035	91	54800	4.847	ug/l	94
79) 2-Chlorotoluene	13.129	91	35120	4.946	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	37447	4.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	4518	4.177	ug/l #	73
82) 4-Chlorotoluene	13.223	91	34740	5.004	ug/l	92
83) tert-Butylbenzene	13.441	119	32431	4.801	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	36743	4.652	ug/l	100
85) sec-Butylbenzene	13.617	105	44500	4.753	ug/l	95
86) p-Isopropyltoluene	13.729	119	33940	4.461	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	19702	4.779	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	20381	4.844	ug/l	88
89) n-Butylbenzene	14.059	91	30326	4.434	ug/l	97
90) Hexachloroethane	14.335	117	6726	4.771	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	18937	4.853	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2865	5.066	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	9285	4.245	ug/l	93
94) Hexachlorobutadiene	15.505	225	4449	4.635	ug/l	99
95) Naphthalene	15.641	128	28779	4.198	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	9052	4.134	ug/l	95

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LOQ-WATER-02-QT2-2024

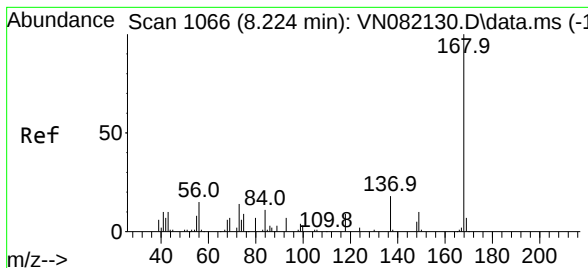
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

Quant Time: May 16 06:12:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 06:08:03 2024
Response via : Initial Calibration

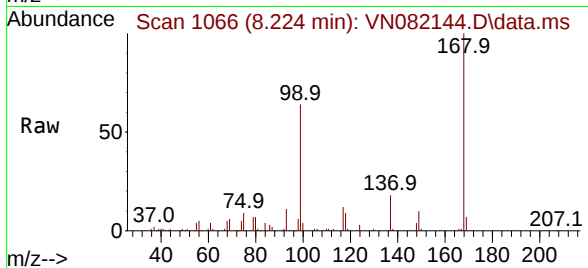
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

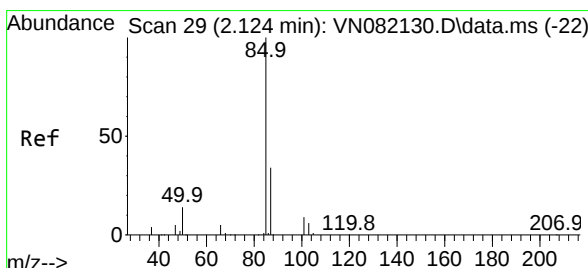
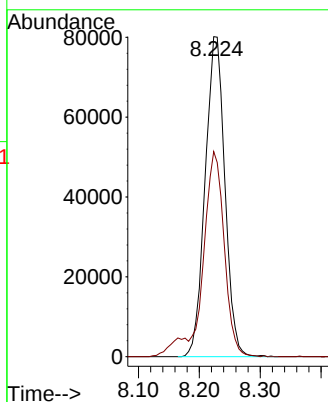
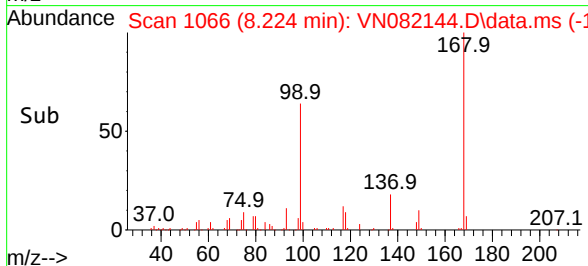
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 180464
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4

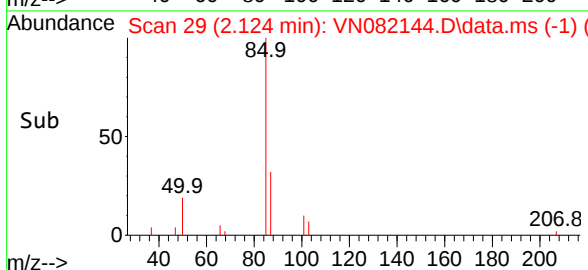
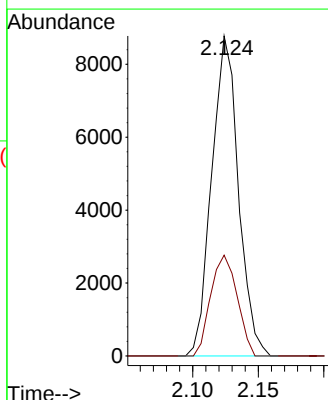
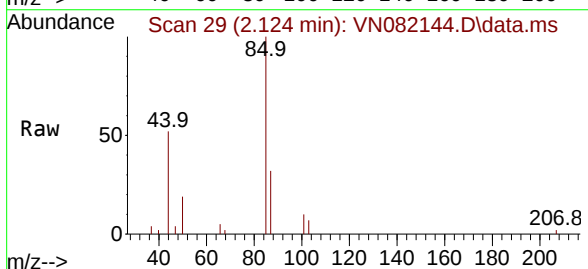
Manual Integrations
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Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 4.780 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

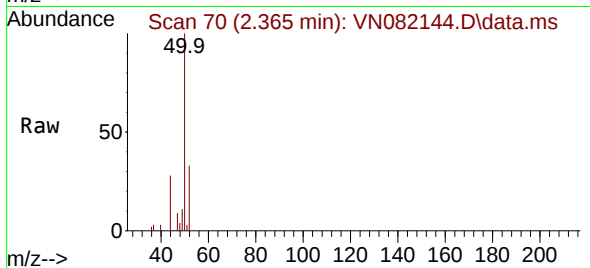
Tgt Ion: 85 Resp: 12436
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 5.065 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

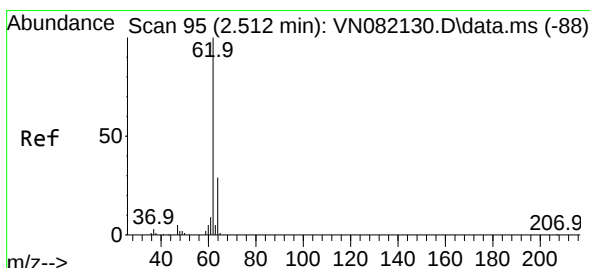
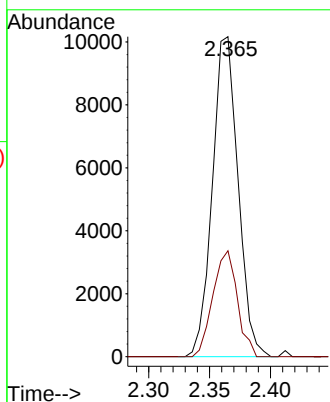
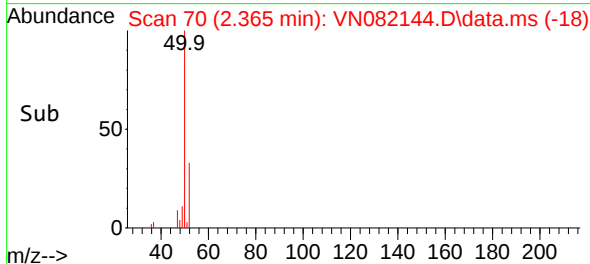
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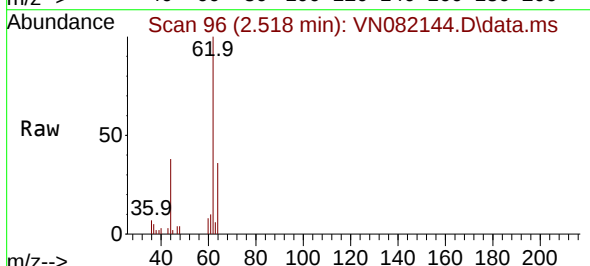
Tgt Ion: 50 Resp: 1493
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

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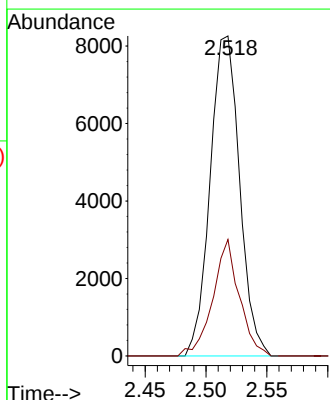
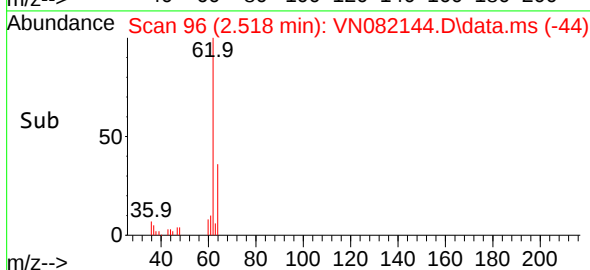
Reviewed By :John Carlone 05/16/2024
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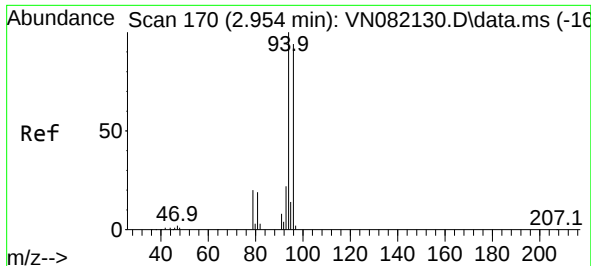


#4
Vinyl Chloride
Concen: 5.015 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



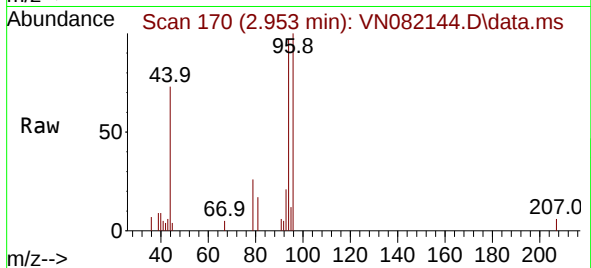
Tgt Ion: 62 Resp: 13903
Ion Ratio Lower Upper
62 100
64 36.4 24.6 37.0





#5
Bromomethane
Concen: 5.519 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

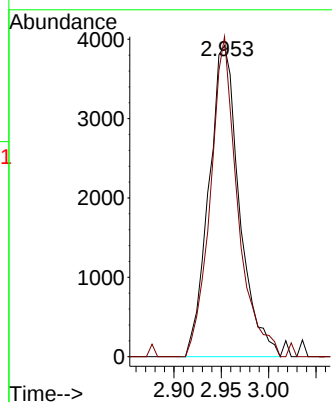
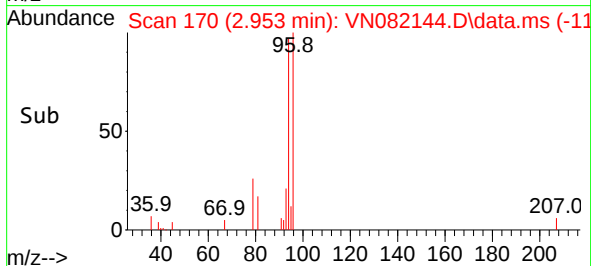
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 94 Resp: 8794
Ion Ratio Lower Upper
94 100
96 102.9 74.8 112.2

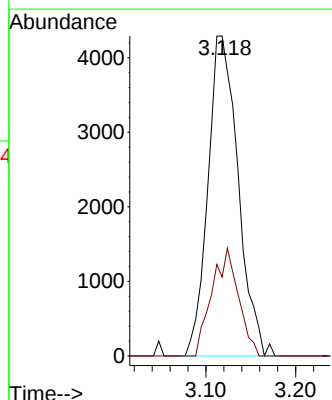
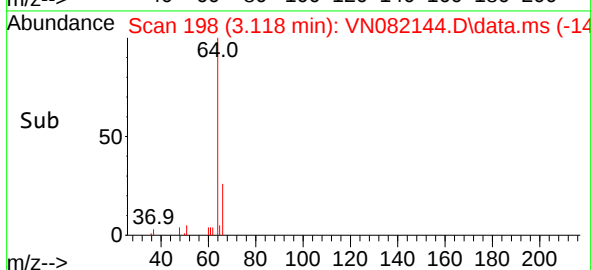
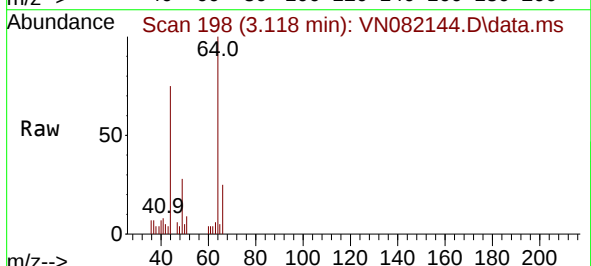
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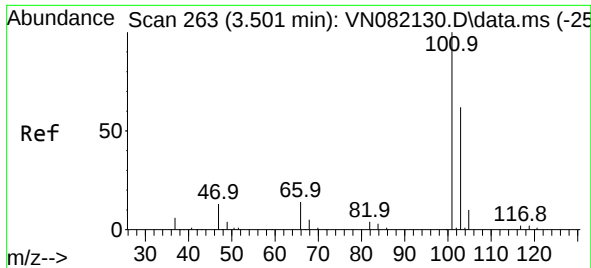
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#6
Chloroethane
Concen: 5.545 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

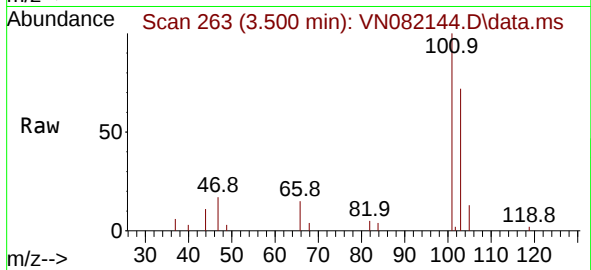
Tgt Ion: 64 Resp: 10036
Ion Ratio Lower Upper
64 100
66 24.6 24.7 37.1#





#7
 Trichlorofluoromethane
 Concen: 5.160 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

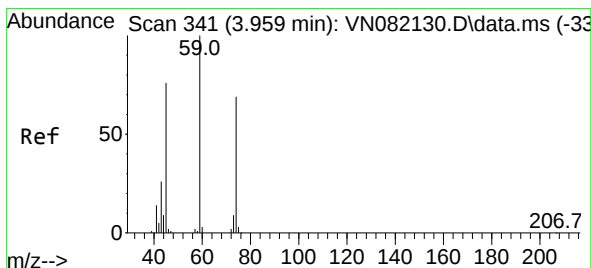
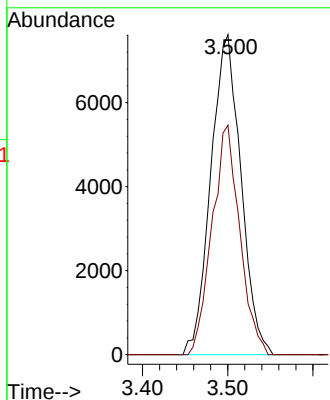
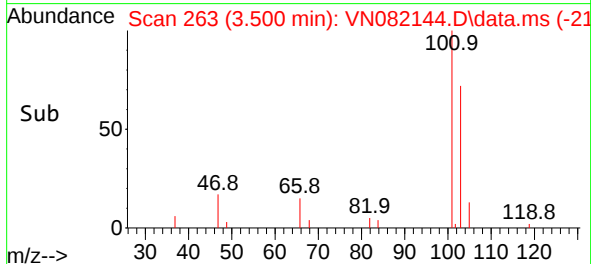
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Tgt Ion: 101 Resp: 1873
 Ion Ratio Lower Upper
 101 100
 103 71.7 50.6 75.8

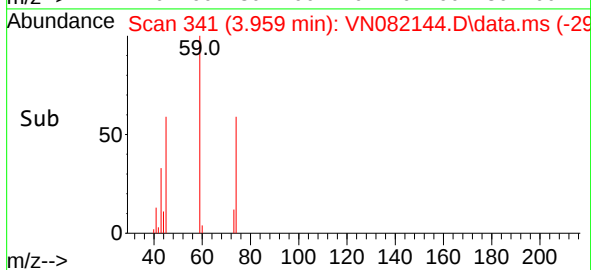
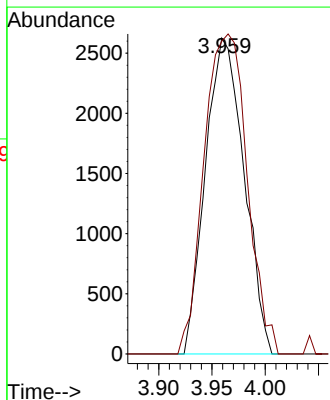
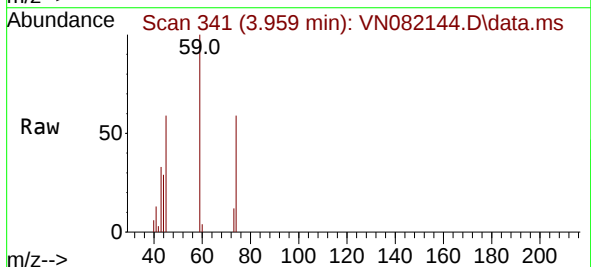
Manual Integrations
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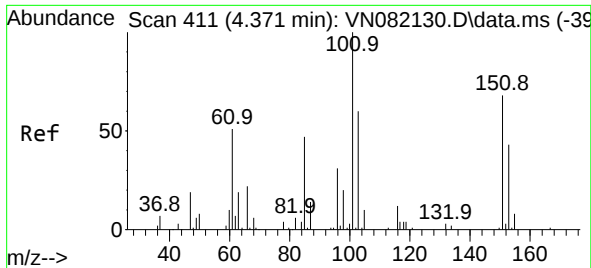
Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024



#8
 Diethyl Ether
 Concen: 5.121 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN082144.D
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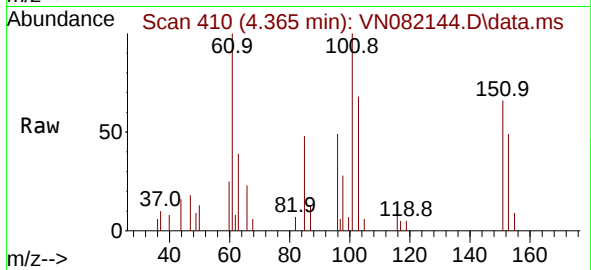
Tgt Ion: 74 Resp: 6622
 Ion Ratio Lower Upper
 74 100
 45 113.0 42.4 127.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.842 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082144.D
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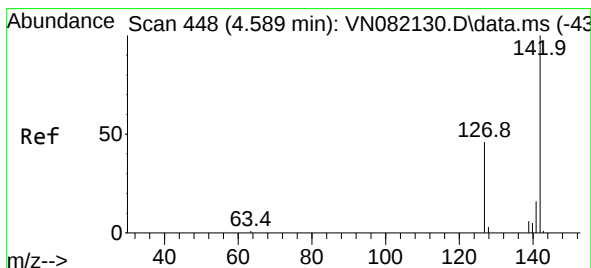
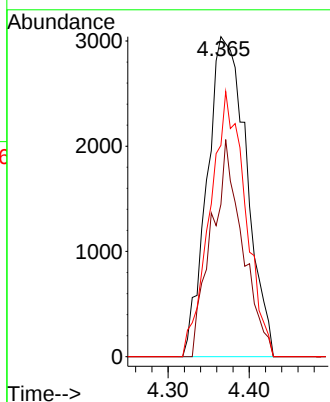
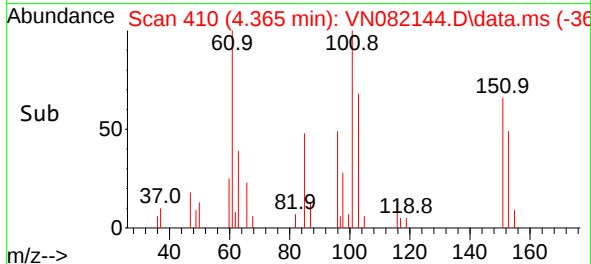
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ClientSampleId :
LOQ-WATER-02-QT2-2024



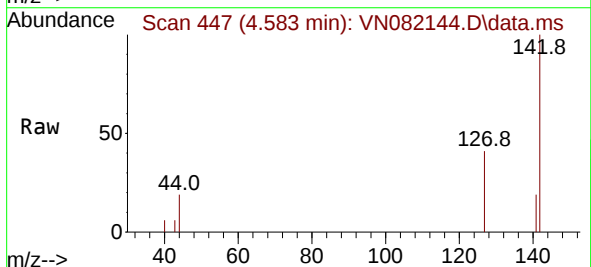
Tgt Ion:101 Resp: 1026
Ion Ratio Lower Upper
101 100
85 53.3 37.3 55.9
151 74.5 59.2 88.8

Manual Integrations
APPROVED

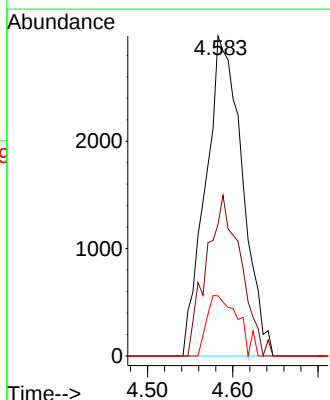
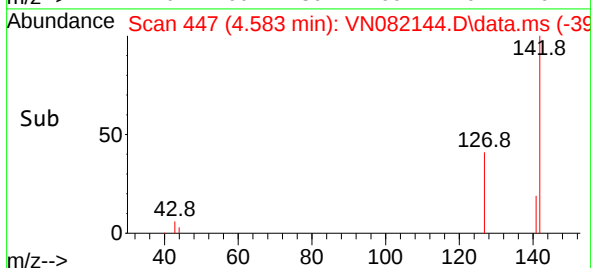
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
Methyl Iodide
Concen: 4.181 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



Tgt Ion:142 Resp: 8913
Ion Ratio Lower Upper
142 100
127 41.1 35.8 53.6
141 18.8 11.4 17.2#





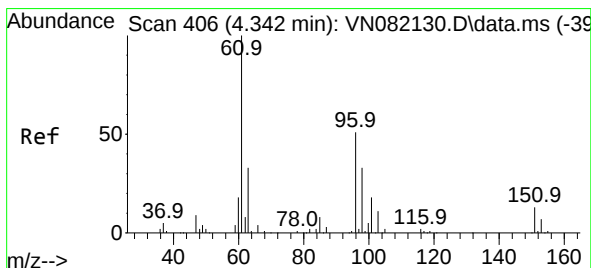
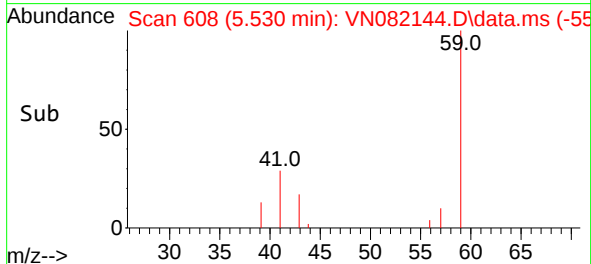
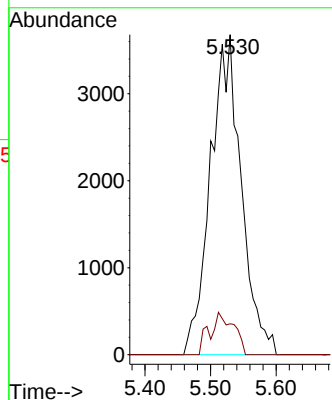
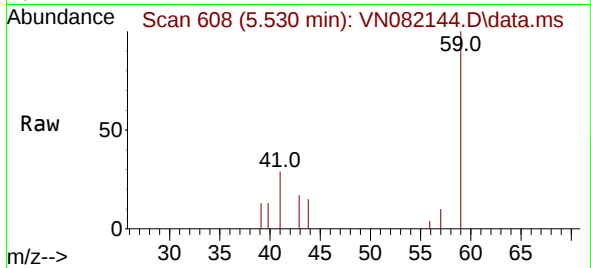
#11
Tert butyl alcohol
Concen: 26.228 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 59 Resp: 1199
Ion Ratio Lower Upper
59 100
57 8.0 8.9 13.3

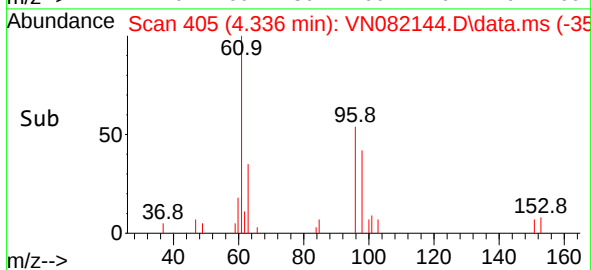
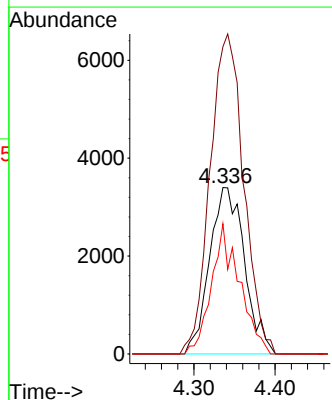
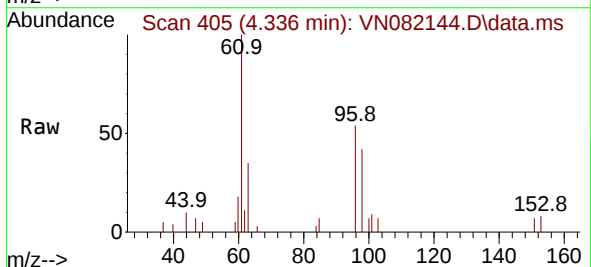
Manual Integrations
APPROVED

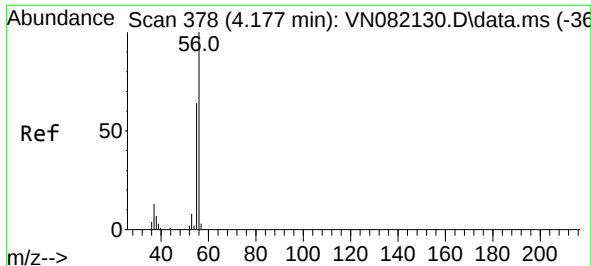
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#12
1,1-Dichloroethene
Concen: 5.148 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 96 Resp: 10147
Ion Ratio Lower Upper
96 100
61 184.6 119.7 179.5#
98 78.2 49.6 74.4#





#13

Acrolein

Concen: 19.887 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 56 Resp: 674

Ion Ratio Lower Upper

56 100

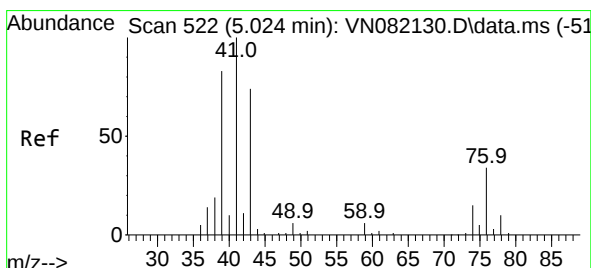
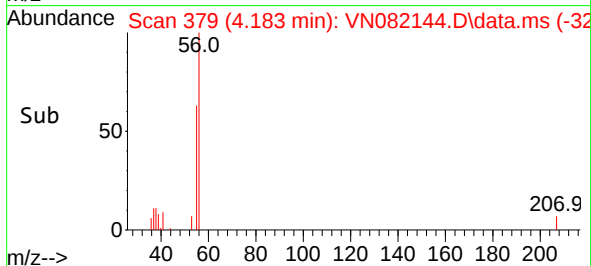
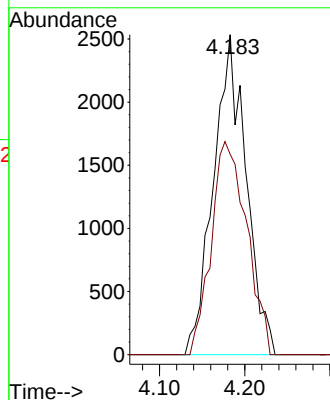
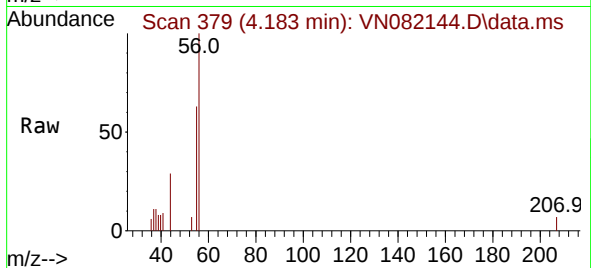
55 72.3 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#14

Allyl chloride

Concen: 4.977 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

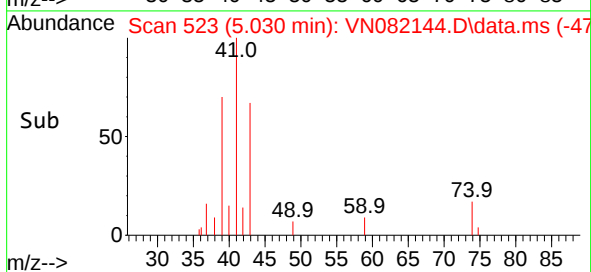
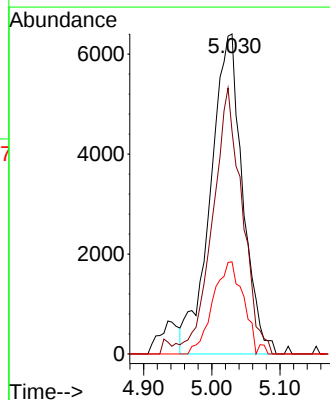
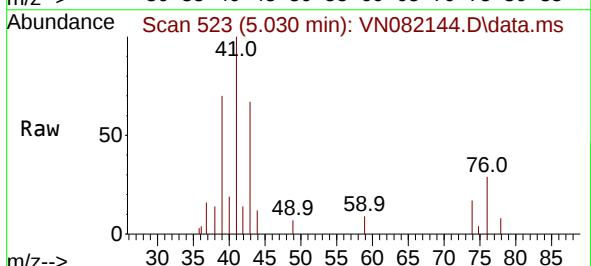
Tgt Ion: 41 Resp: 21000

Ion Ratio Lower Upper

41 100

39 76.1 65.4 98.0

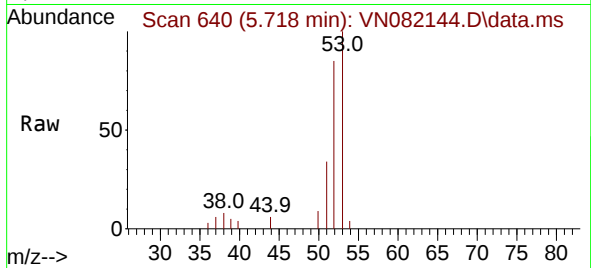
76 27.5 37.3 55.9#





#15
Acrylonitrile
Concen: 26.014 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

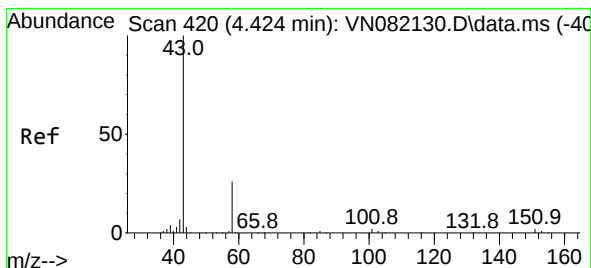
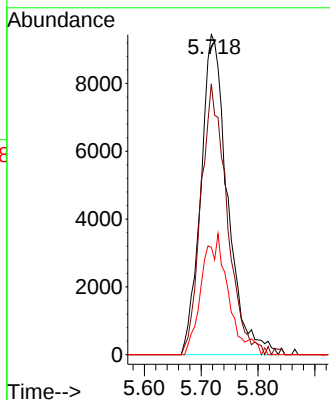
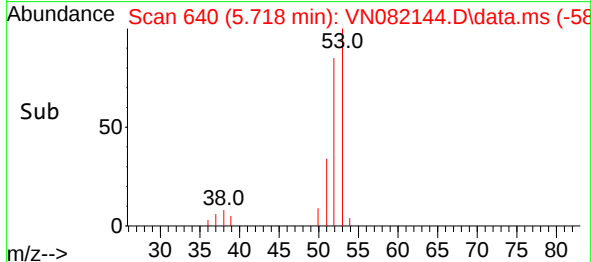
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 53 Resp: 30818
Ion Ratio Lower Upper
53 100
52 82.4 66.1 99.1
51 35.9 29.4 44.2

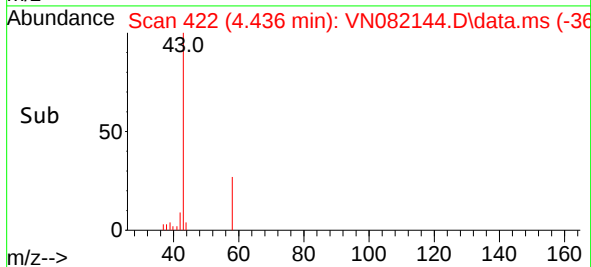
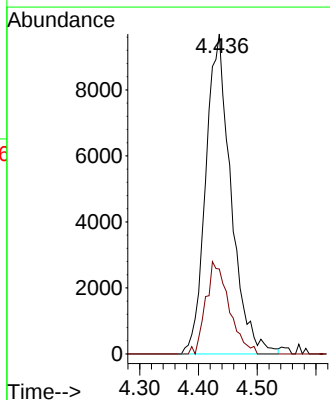
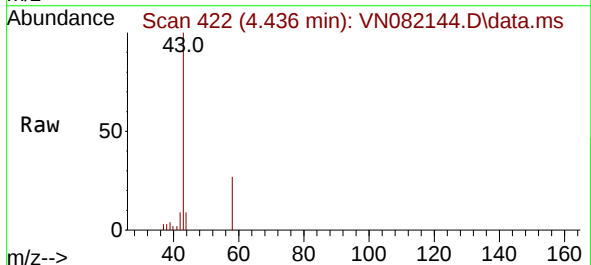
Manual Integrations
APPROVED

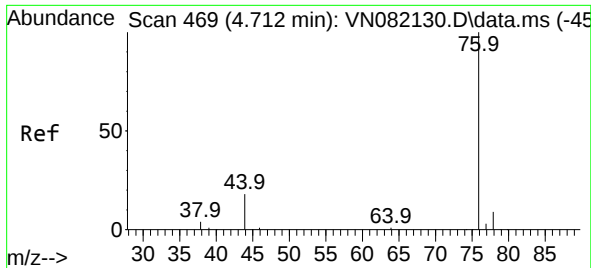
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#16
Acetone
Concen: 24.755 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 43 Resp: 28937
Ion Ratio Lower Upper
43 100
58 26.5 25.2 37.8





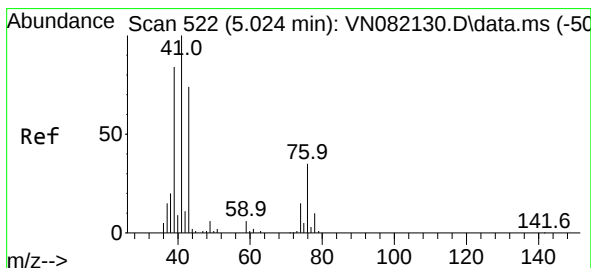
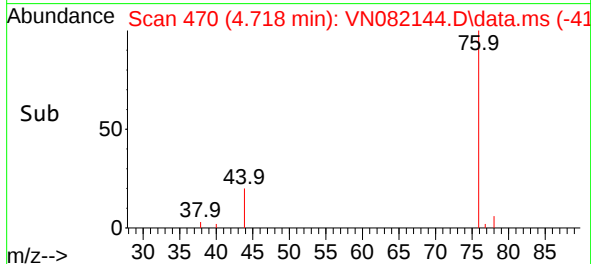
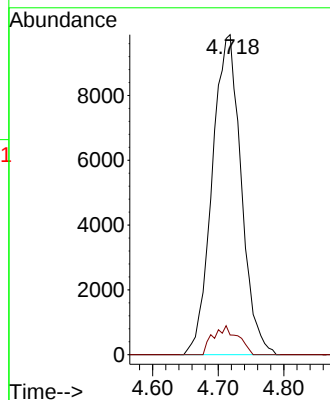
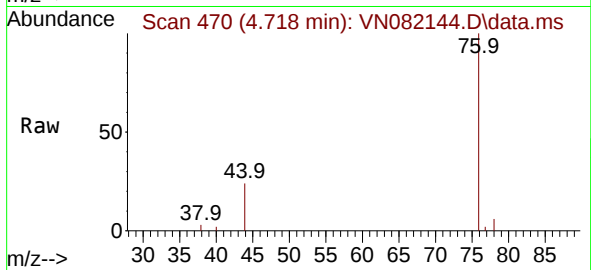
#17
Carbon Disulfide
Concen: 4.757 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 76 Resp: 3028
Ion Ratio Lower Upper
76 100
78 6.2 7.5 11.3#

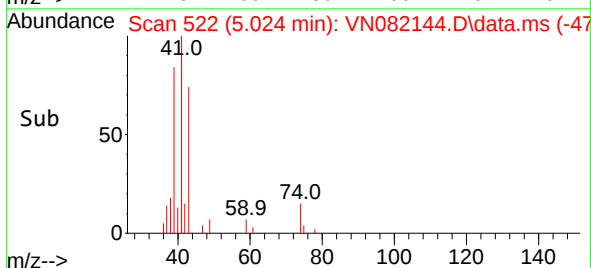
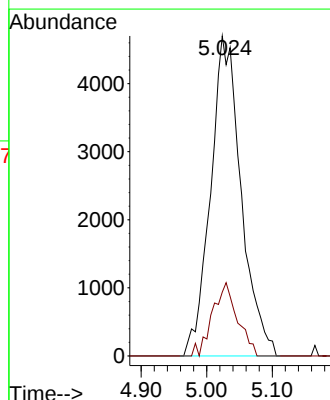
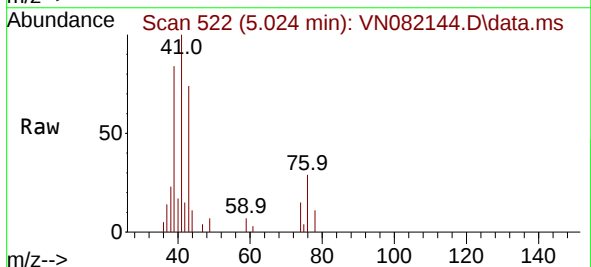
Manual Integrations
APPROVED

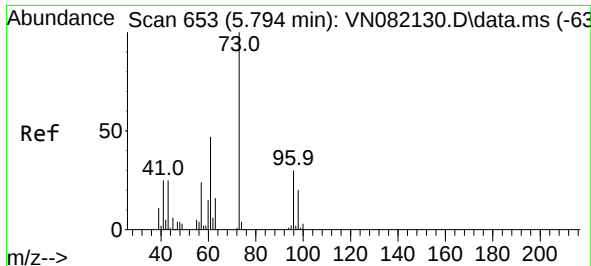
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#18
Methyl Acetate
Concen: 5.228 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

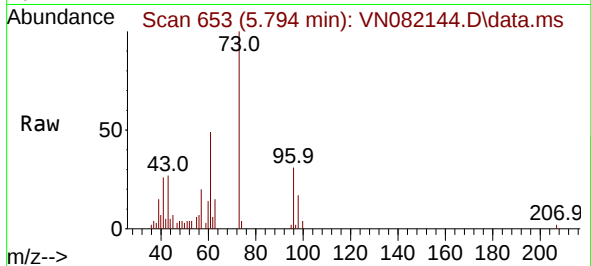
Tgt Ion: 43 Resp: 15218
Ion Ratio Lower Upper
43 100
74 18.7 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 4.974 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

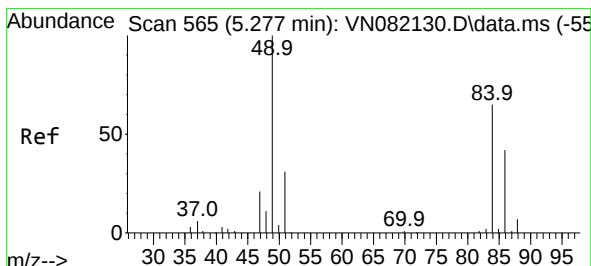
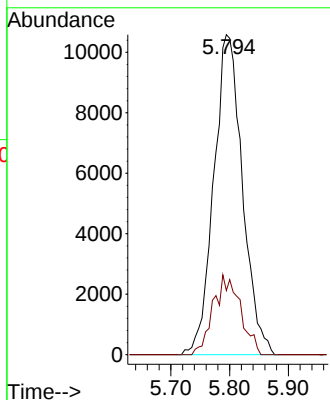
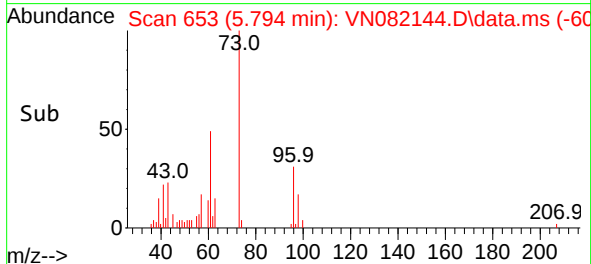
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 73 Resp: 3583
Ion Ratio Lower Upper
73 100
57 20.1 16.5 24.7

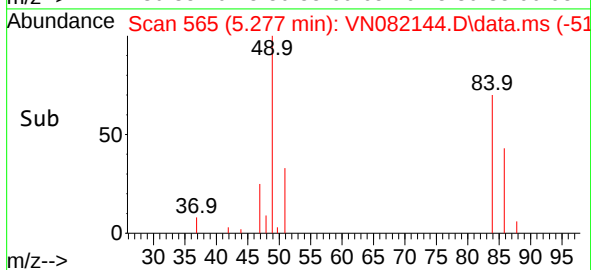
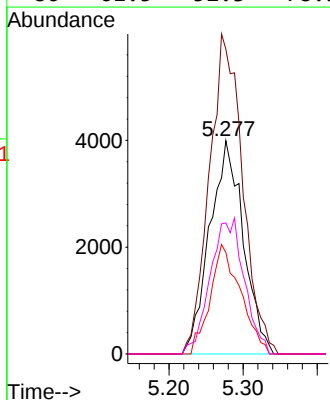
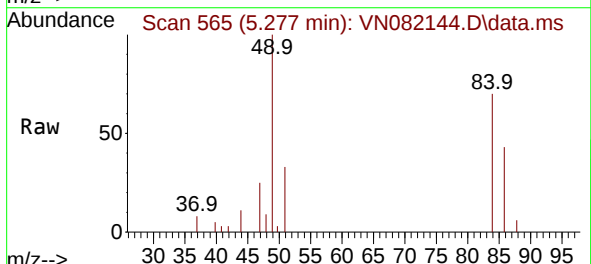
Manual Integrations
APPROVED

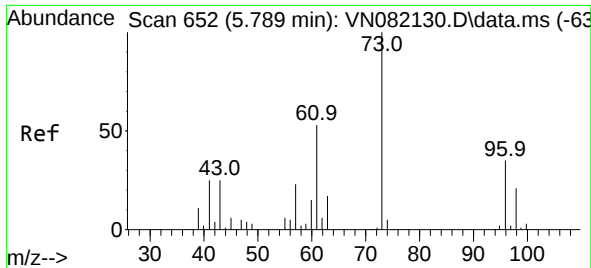
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Methylene Chloride
Concen: 5.325 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

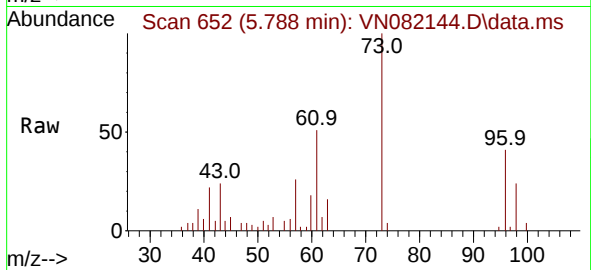
Tgt Ion: 84 Resp: 12558
Ion Ratio Lower Upper
84 100
49 142.8 84.9 127.3#
51 47.6 27.0 40.6#
86 61.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 4.948 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

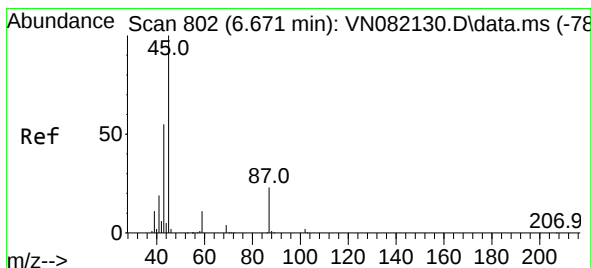
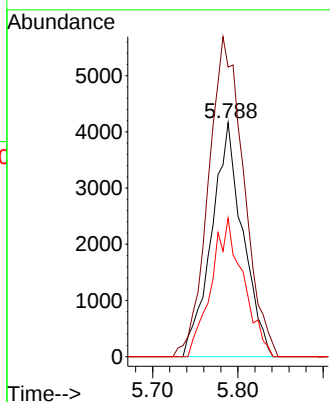
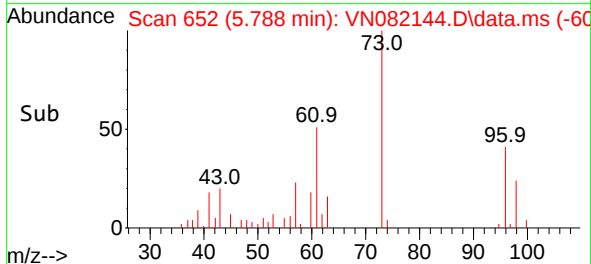
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 96 Resp: 10628
Ion Ratio Lower Upper
96 100
61 123.7 96.5 144.7
98 59.2 51.3 76.9

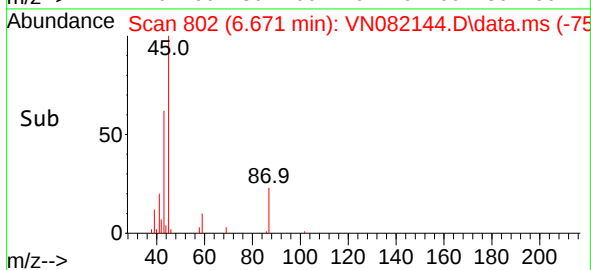
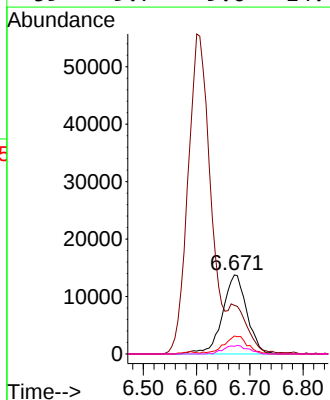
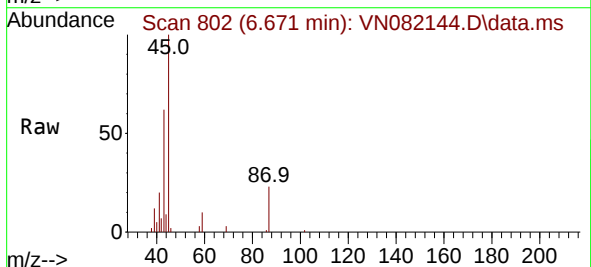
Manual Integrations
APPROVED

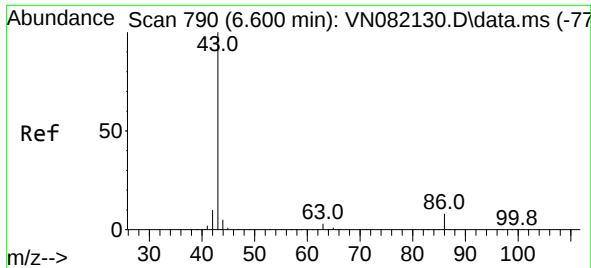
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#22
Diisopropyl ether
Concen: 4.961 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

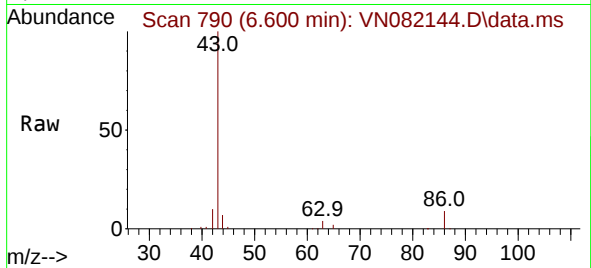
Tgt Ion: 45 Resp: 43714
Ion Ratio Lower Upper
45 100
43 60.0 44.1 66.1
87 22.7 27.0 40.6#
59 9.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 23.325 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

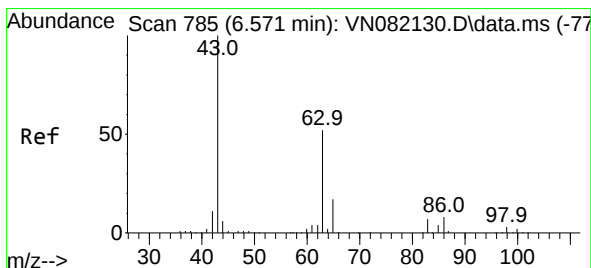
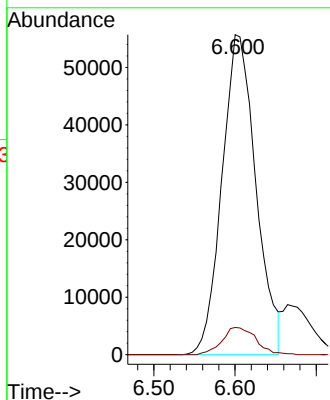
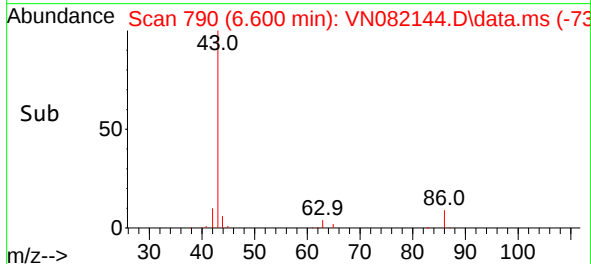
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



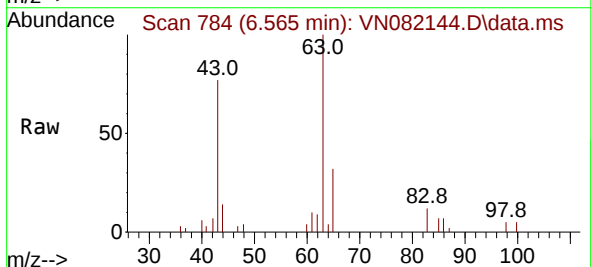
Tgt Ion: 43 Resp: 162040
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.2 15.4

Manual Integrations
 APPROVED

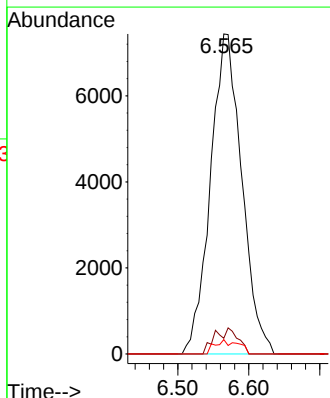
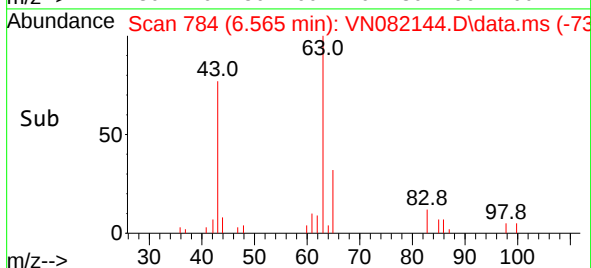
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

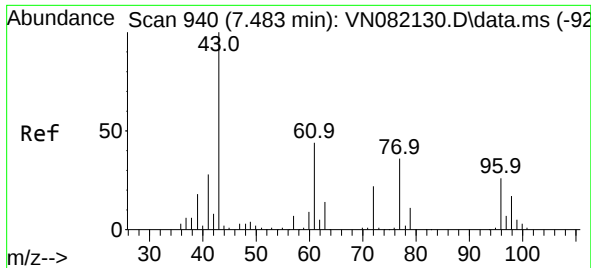


#24
 1,1-Dichloroethane
 Concen: 5.014 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26



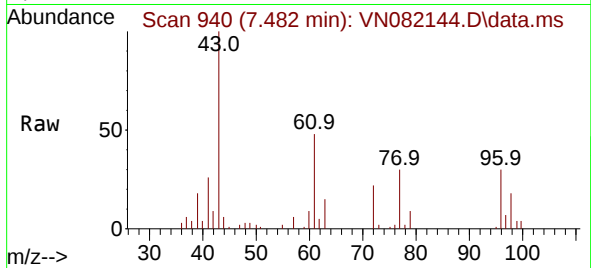
Tgt Ion: 63 Resp: 22773
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.6 10.9
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 25.213 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

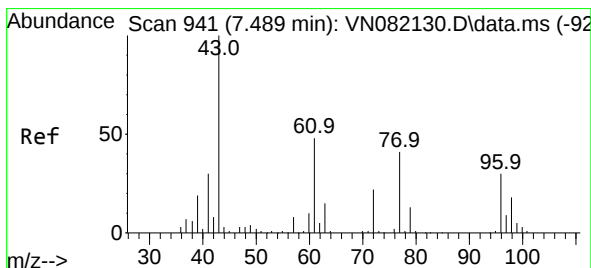
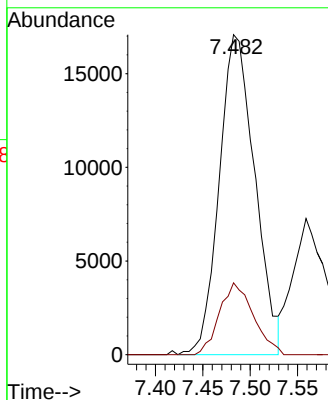
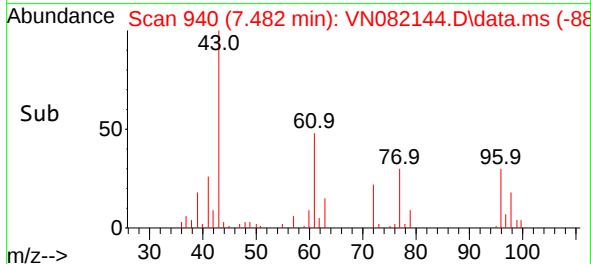
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



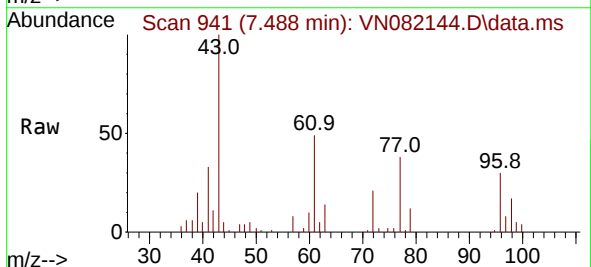
Tgt Ion: 43 Resp: 44685
Ion Ratio Lower Upper
43 100
72 22.5 25.3 37.9

Manual Integrations
APPROVED

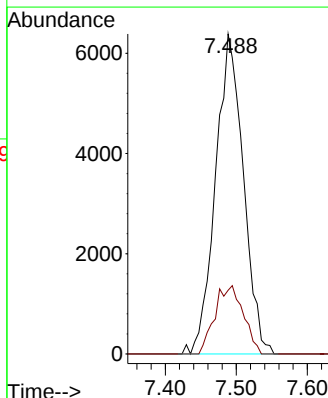
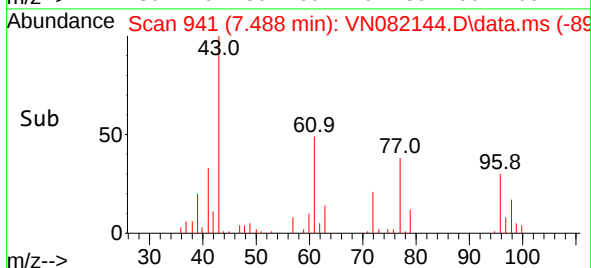
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
2,2-Dichloropropane
Concen: 4.556 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



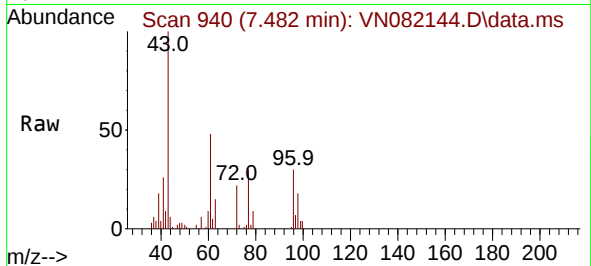
Tgt Ion: 77 Resp: 17332
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 5.151 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

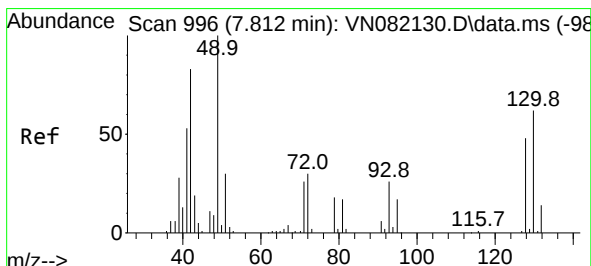
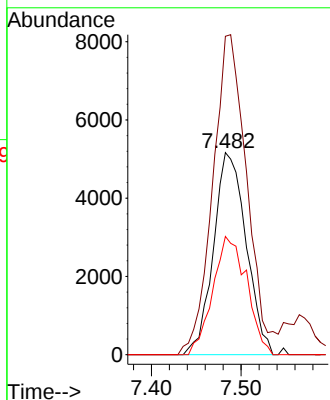
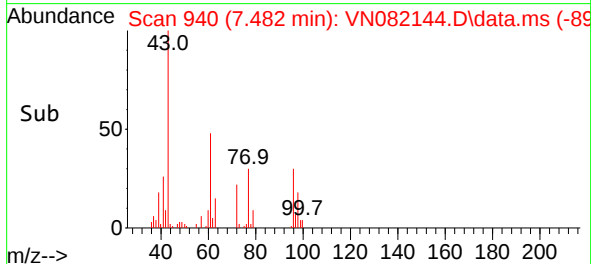
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 96 Resp: 1305
Ion Ratio Lower Upper
96 100
61 165.4 0.0 268.0
98 60.8 0.0 126.8

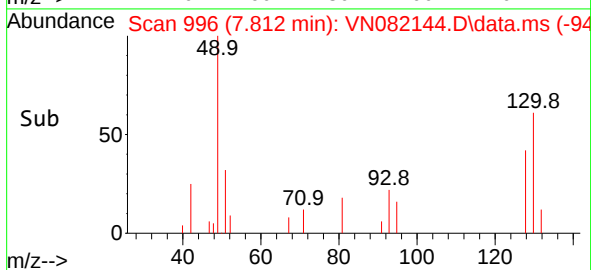
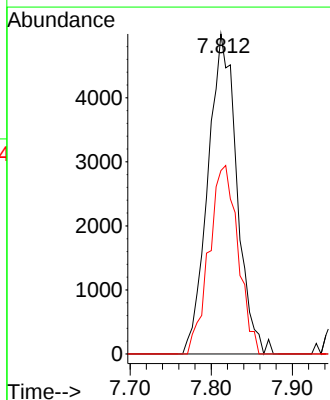
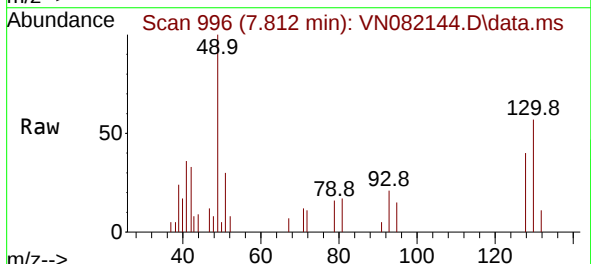
Manual Integrations
APPROVED

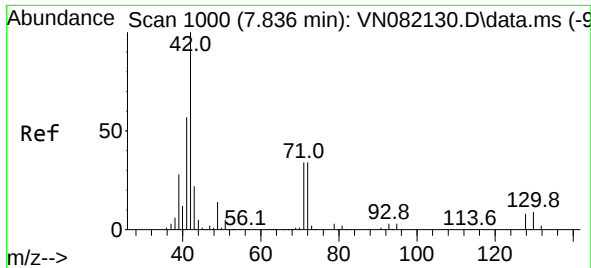
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#28
Bromochloromethane
Concen: 5.867 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 49 Resp: 12416
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 58.7 66.7 100.1#





#29

Tetrahydrofuran

Concen: 26.018 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN082144.D

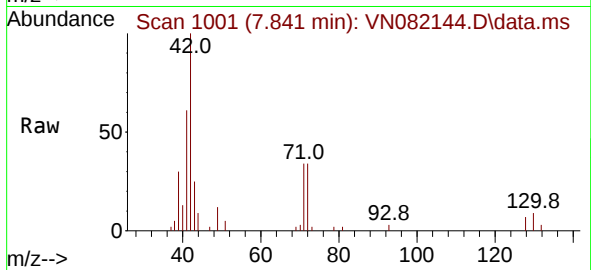
Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



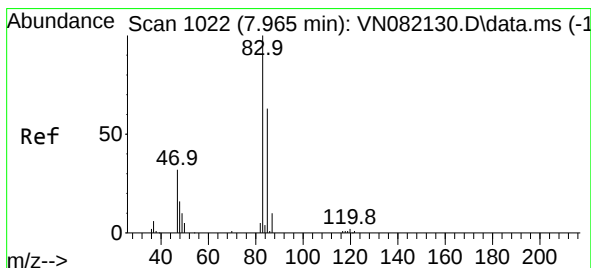
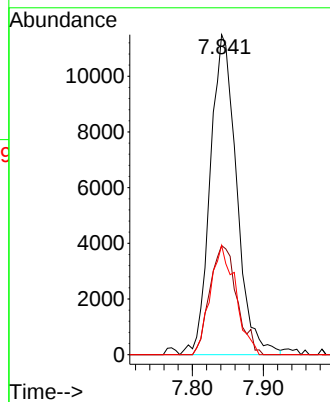
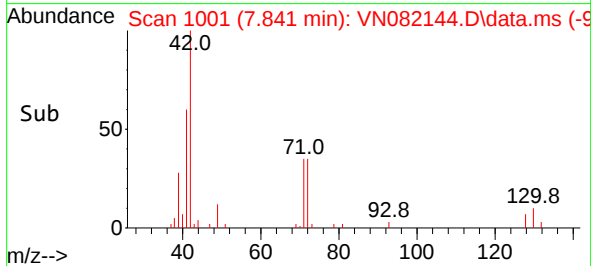
Tgt Ion:	42	Resp:	2960
Ion Ratio	100	Lower	Upper
42	100		
72	35.1	39.3	58.9
71	33.1	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#30

Chloroform

Concen: 5.062 ug/l

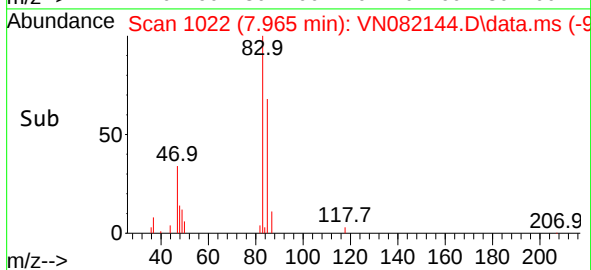
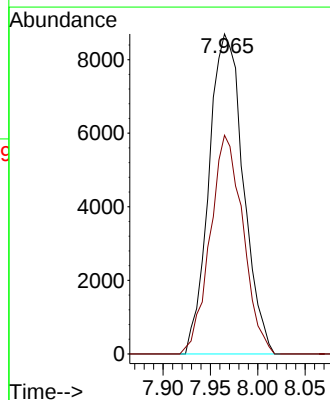
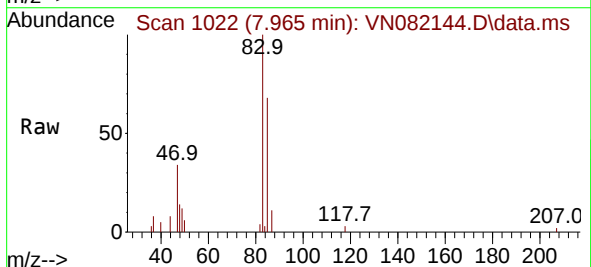
RT: 7.965 min Scan# 1022

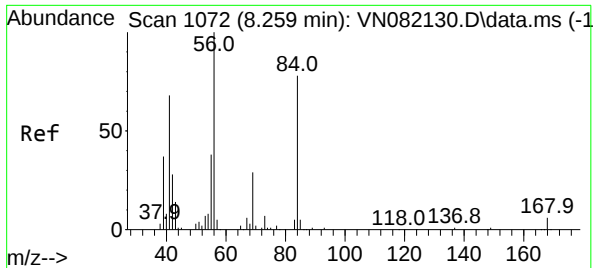
Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

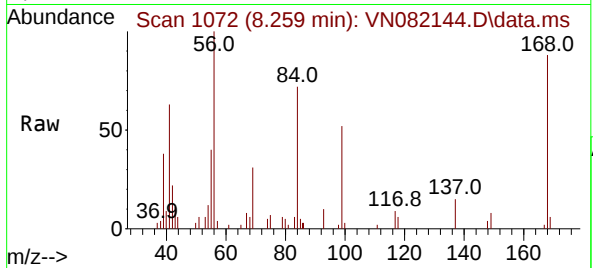
Tgt Ion:	83	Resp:	21953
Ion Ratio	100	Lower	Upper
83	100		
85	68.4	50.7	76.1





#31
Cyclohexane
Concen: 5.526 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

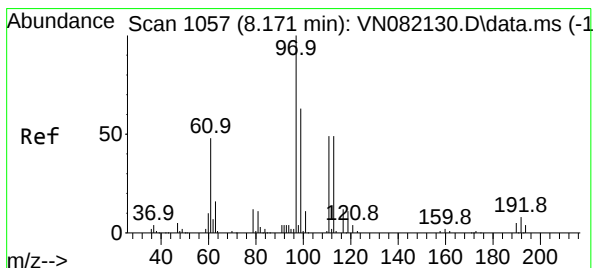
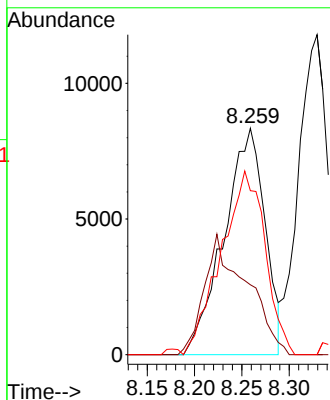
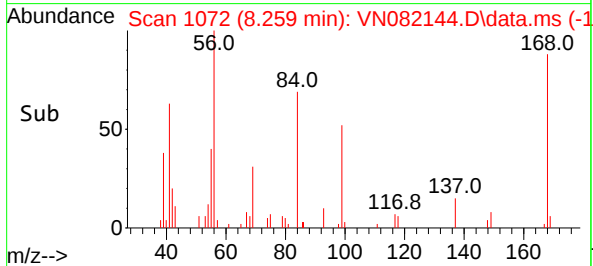
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 56 Resp: 2515
Ion Ratio Lower Upper
56 100
69 30.9 24.4 36.6
84 70.2 77.0 115.4

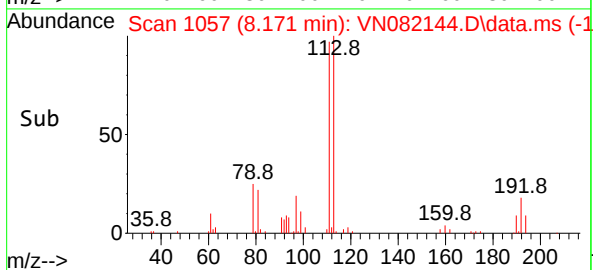
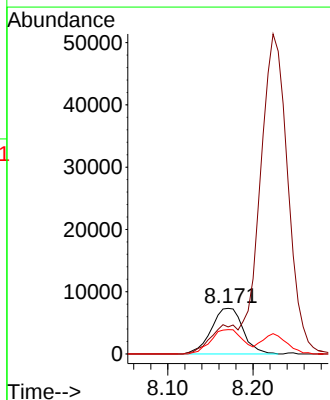
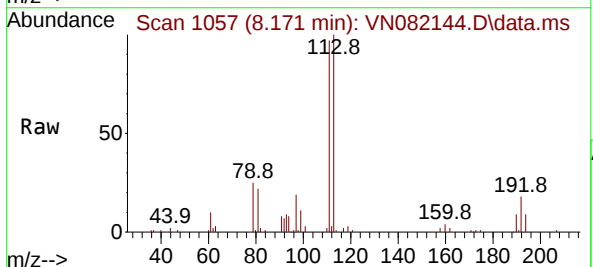
Manual Integrations
APPROVED

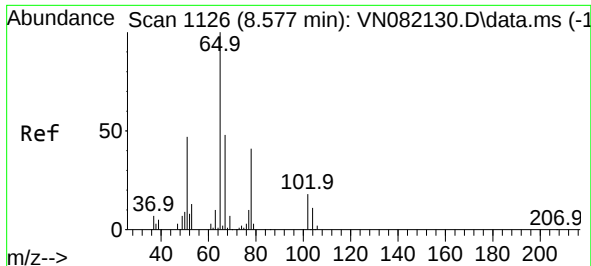
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#32
1,1,1-Trichloroethane
Concen: 4.917 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 97 Resp: 18918
Ion Ratio Lower Upper
97 100
99 54.8 50.3 75.5
61 54.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.576 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082144.D

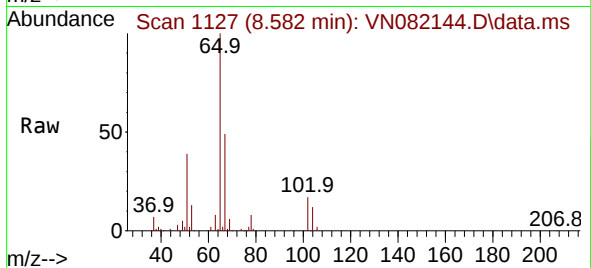
Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 65 Resp: 14412

Ion Ratio Lower Upper

65 100

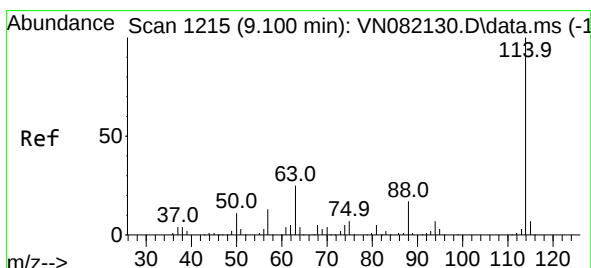
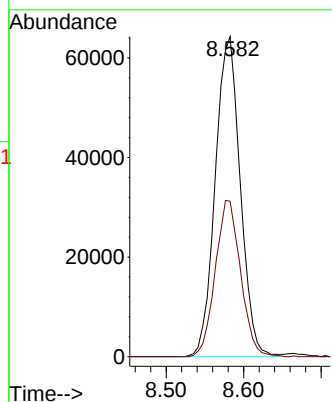
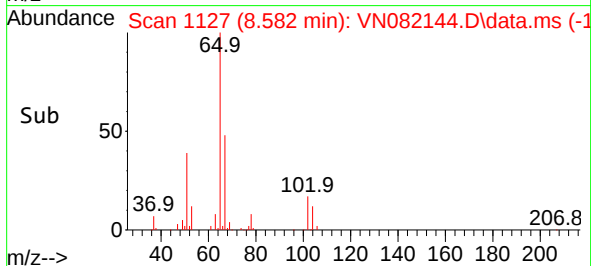
67 49.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

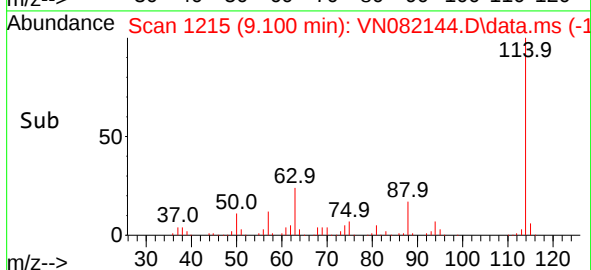
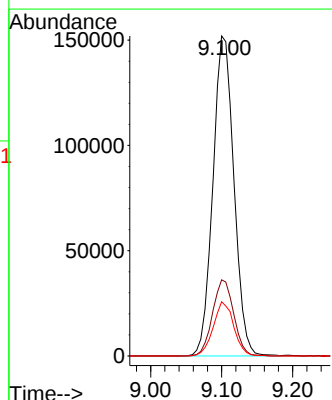
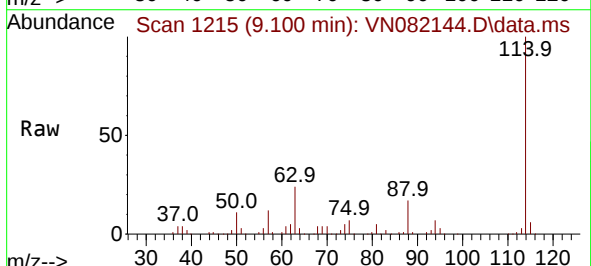
Tgt Ion:114 Resp: 312073

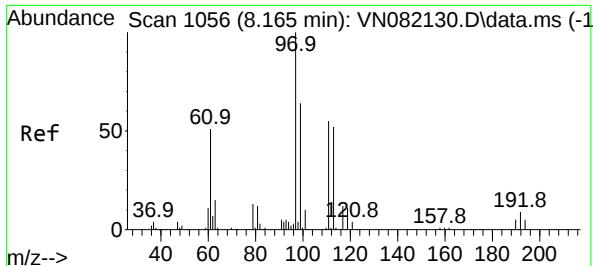
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.822 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

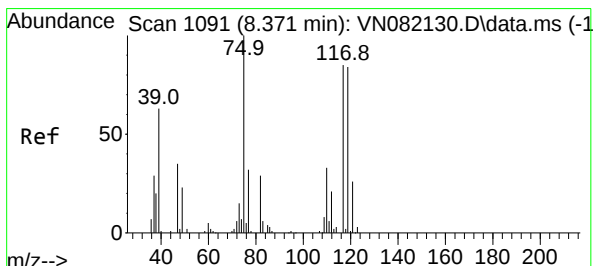
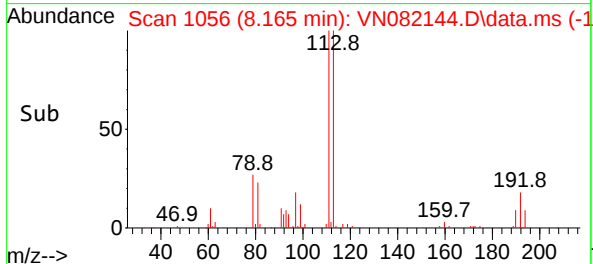
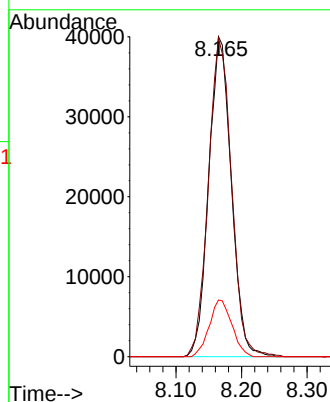
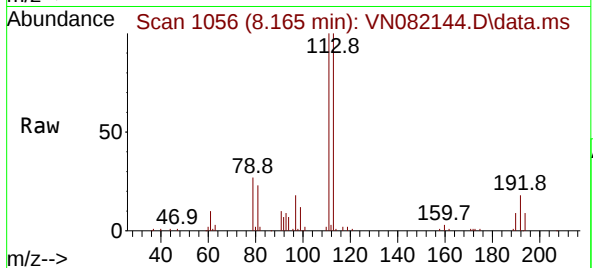
Tgt Ion:	113	Resp:	9564
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.4	125.2
192	17.8	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#36

1,1-Dichloropropene

Concen: 4.993 ug/l

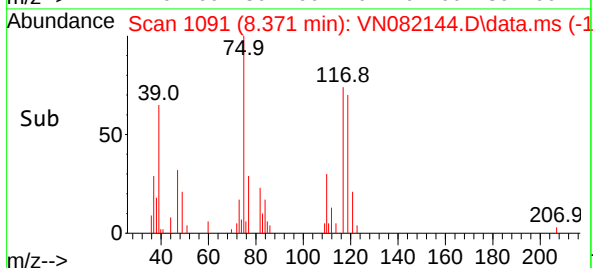
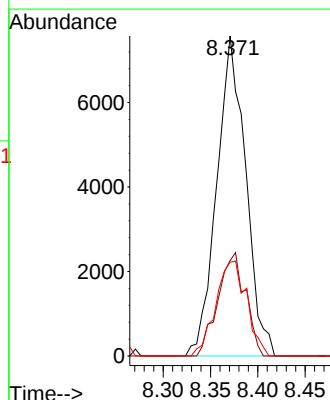
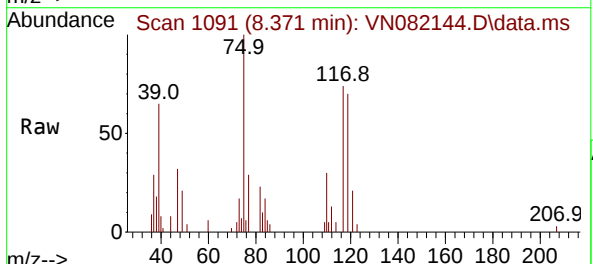
RT: 8.371 min Scan# 1091

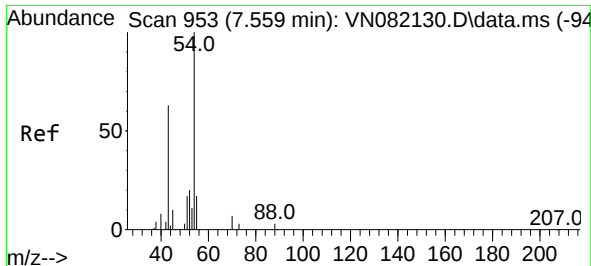
Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

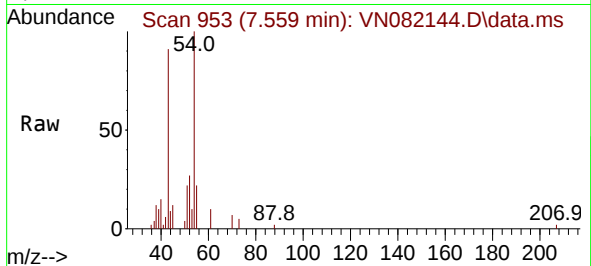
Tgt Ion:	75	Resp:	16077
Ion Ratio	Lower	Upper	
75	100		
110	30.7	17.8	53.5
77	31.7	25.0	37.4





#37
Ethyl Acetate
Concen: 5.141 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

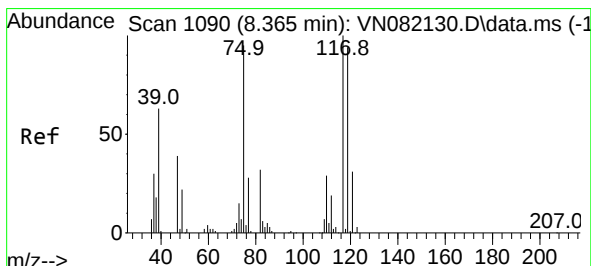
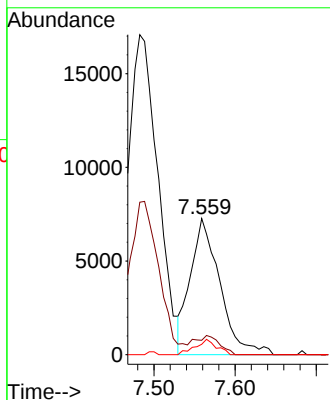
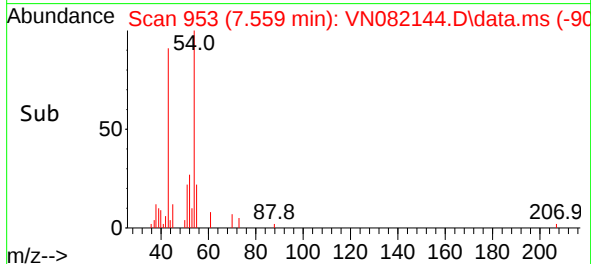
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 18524
Ion Ratio Lower Upper
43 100
61 11.7 11.3 16.9
70 8.0 8.7 13.1

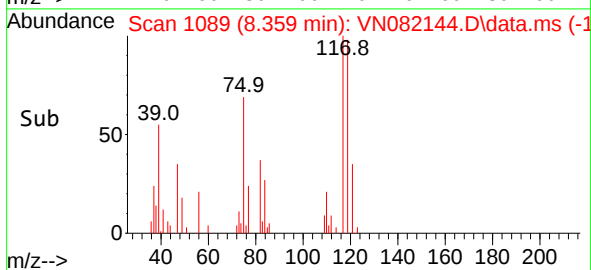
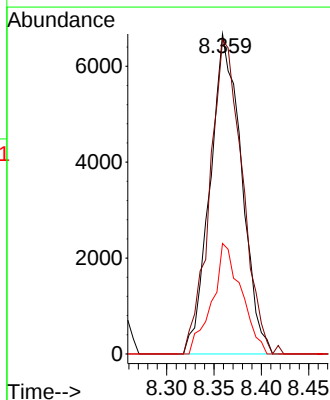
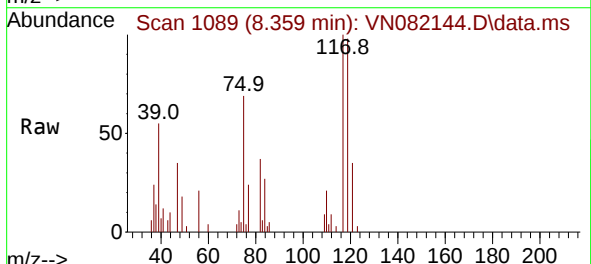
Manual Integrations
APPROVED

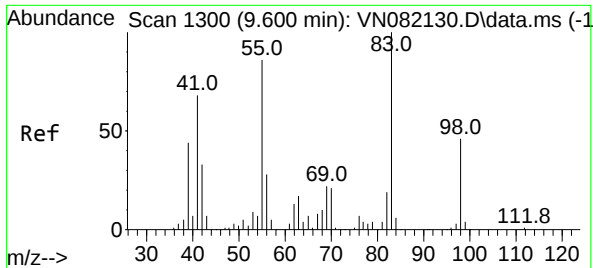
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Carbon Tetrachloride
Concen: 4.713 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

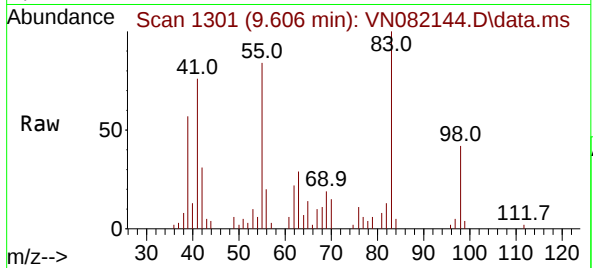
Tgt Ion:117 Resp: 15384
Ion Ratio Lower Upper
117 100
119 98.1 76.5 114.7
121 34.6 23.9 35.9





#39
Methylcyclohexane
Concen: 4.704 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

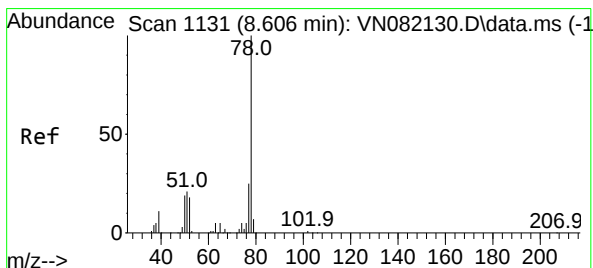
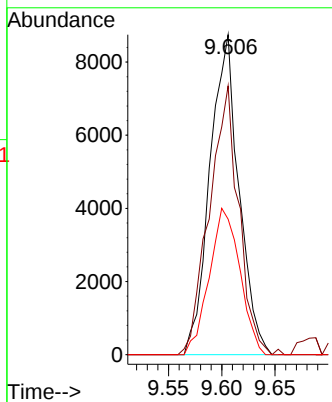
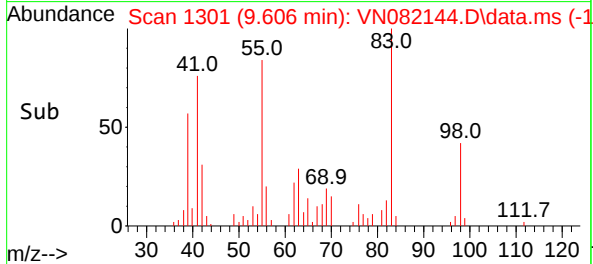
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 83 Resp: 1660
Ion Ratio Lower Upper
83 100
55 84.0 53.0 79.6
98 42.4 37.1 55.7

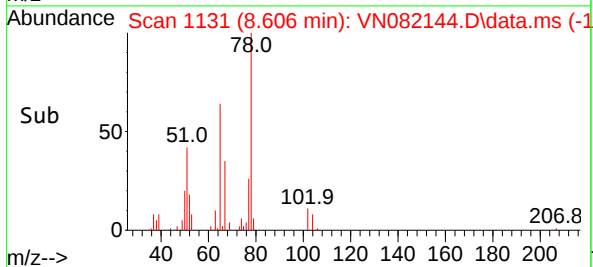
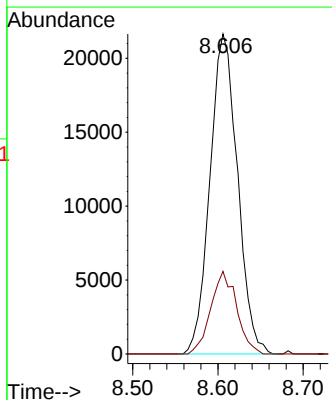
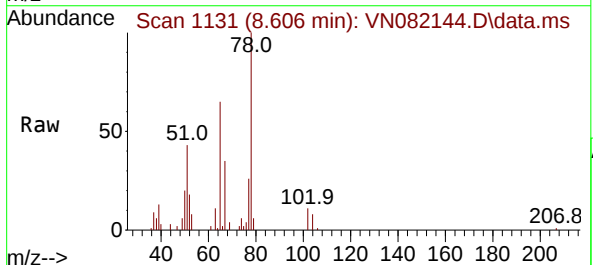
Manual Integrations
APPROVED

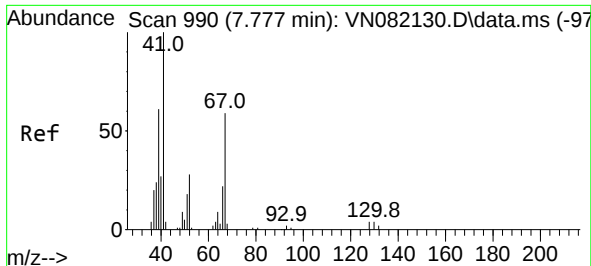
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#40
Benzene
Concen: 5.071 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

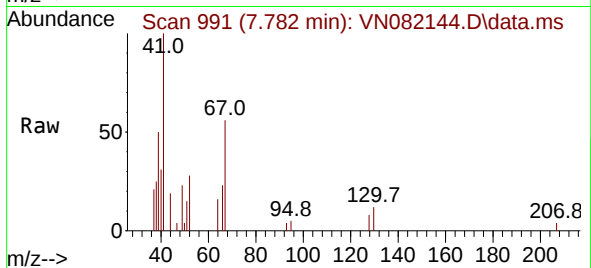
Tgt Ion: 78 Resp: 48685
Ion Ratio Lower Upper
78 100
77 25.8 20.0 30.0





#41
Methacrylonitrile
Concen: 5.064 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

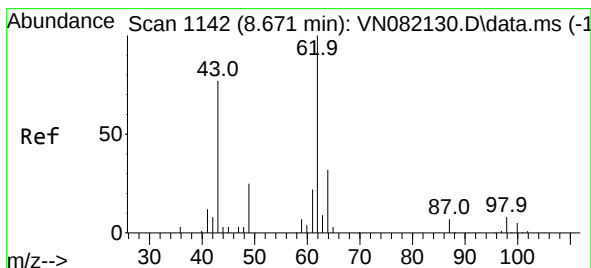
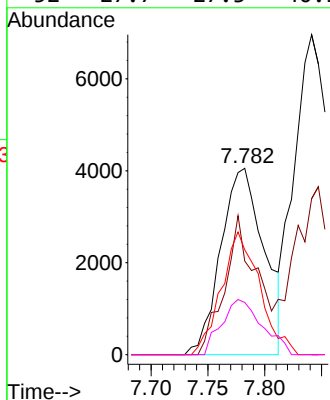
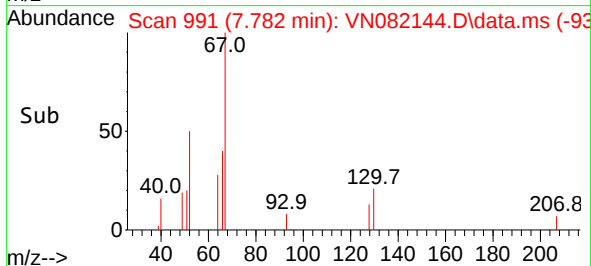
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:	41	Resp:	1073
Ion Ratio	100	Lower	Upper
39	55.1	46.6	69.8
67	58.3	67.3	100.9
52	27.7	27.3	40.9

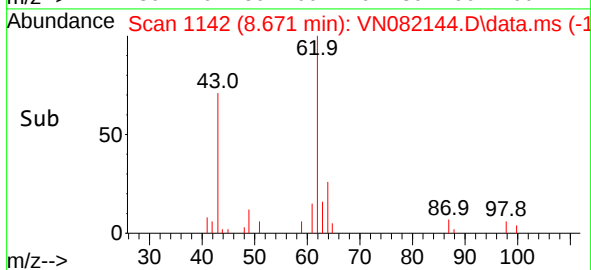
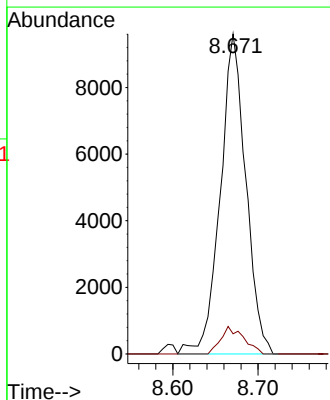
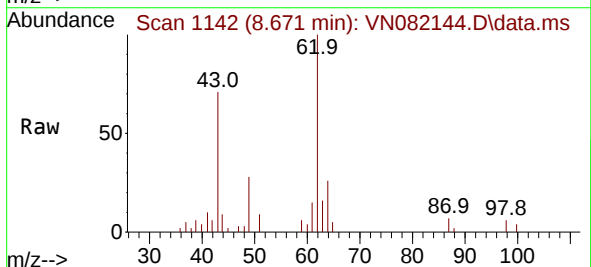
Manual Integrations
APPROVED

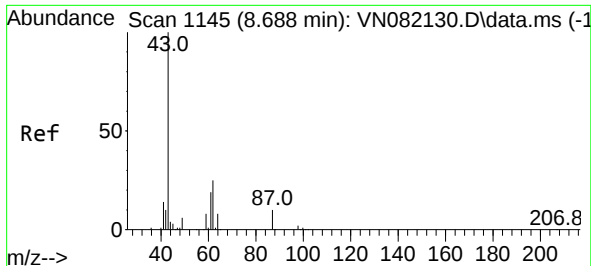
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
1,2-Dichloroethane
Concen: 5.428 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

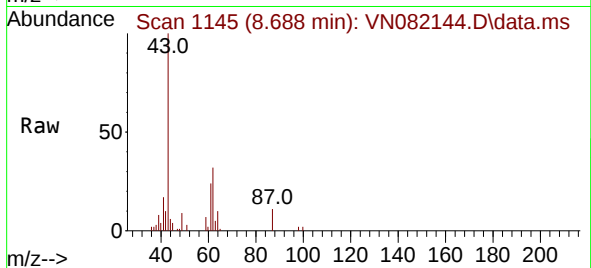
Tgt Ion:	62	Resp:	20042
Ion Ratio	100	Lower	Upper
98	7.7	0.0	19.6





#43
Isopropyl Acetate
Concen: 5.080 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

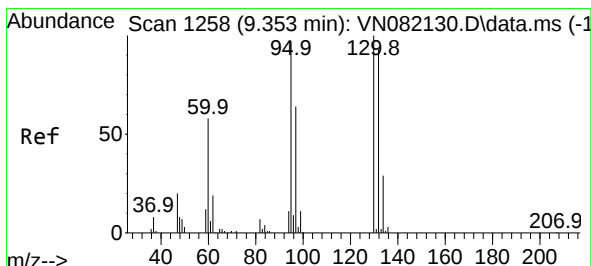
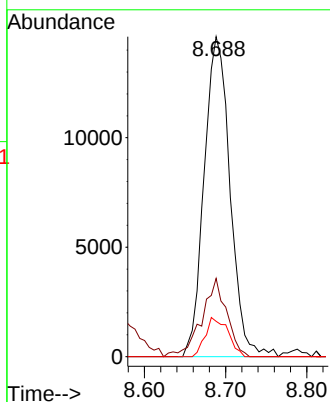
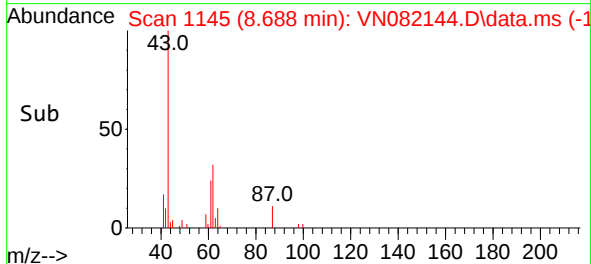
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 3243
Ion Ratio Lower Upper
43 100
61 23.4 22.8 34.2
87 10.7 12.0 18.0

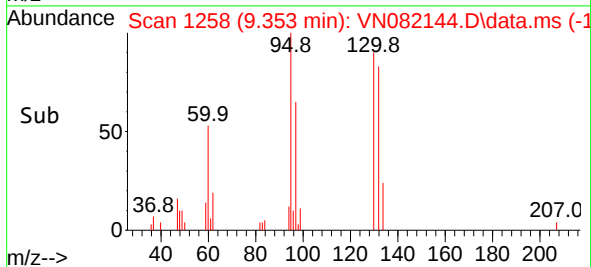
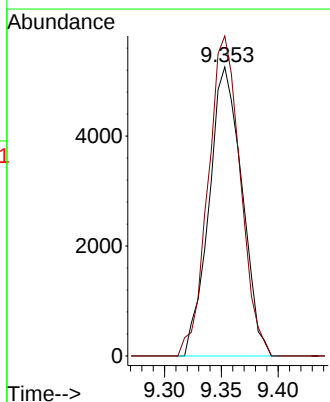
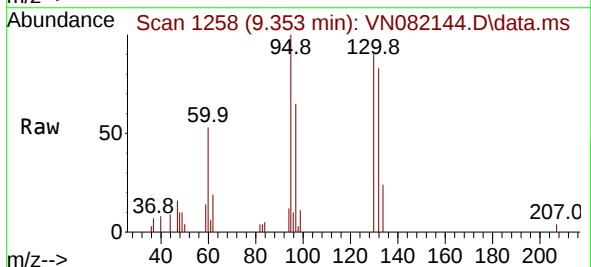
Manual Integrations
APPROVED

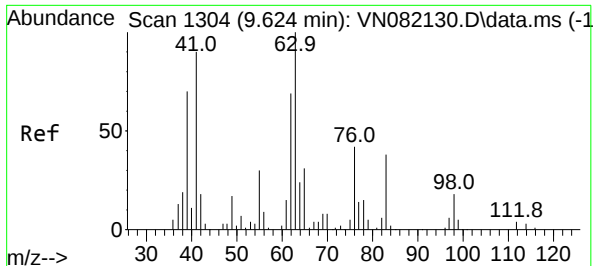
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#44
Trichloroethene
Concen: 4.860 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:130 Resp: 10599
Ion Ratio Lower Upper
130 100
95 110.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 4.974 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 63 Resp: 1232

Ion Ratio Lower Upper

63 100

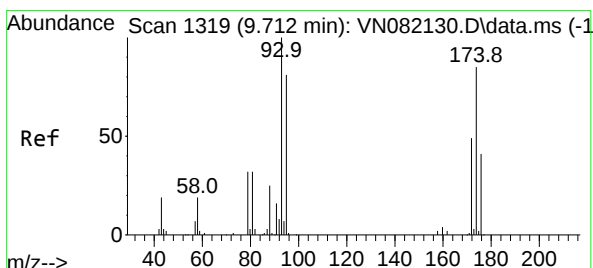
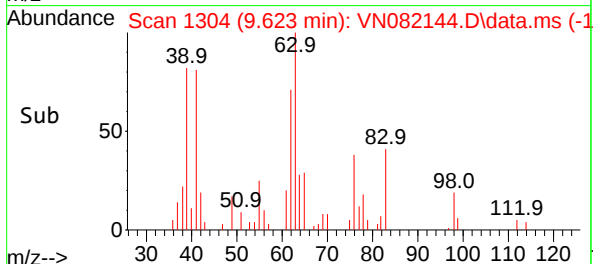
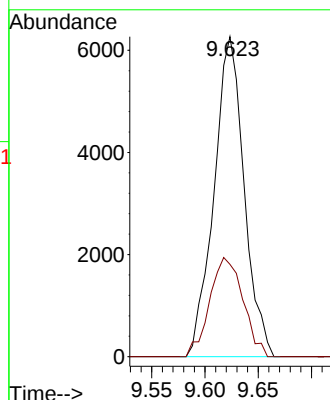
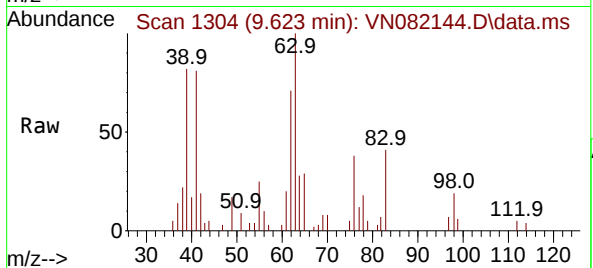
65 28.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#46

Dibromomethane

Concen: 5.049 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

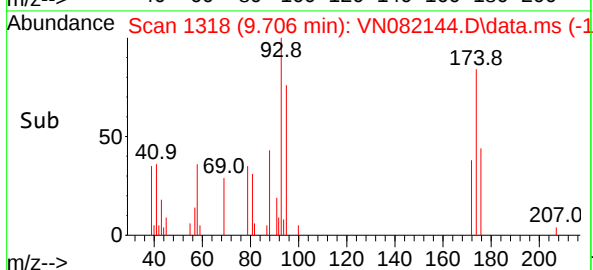
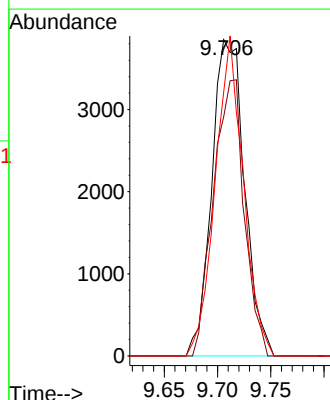
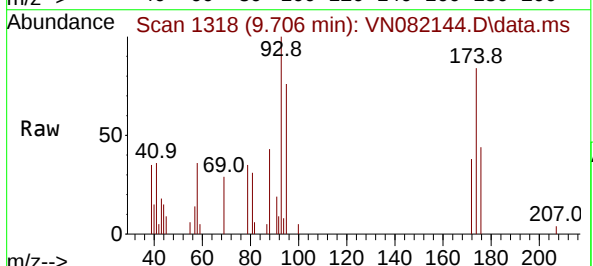
Tgt Ion: 93 Resp: 8211

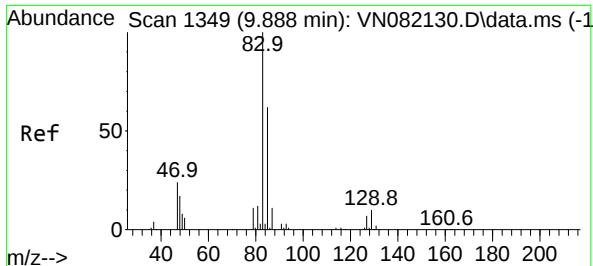
Ion Ratio Lower Upper

93 100

95 82.6 64.8 97.2

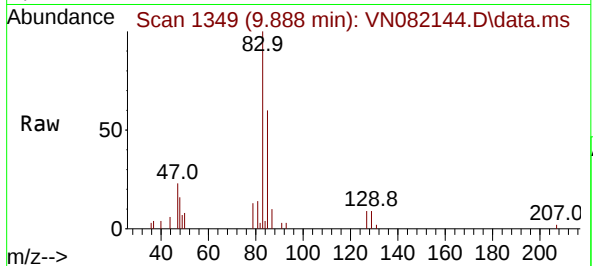
174 87.2 73.4 110.0





#47
Bromodichloromethane
Concen: 4.984 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

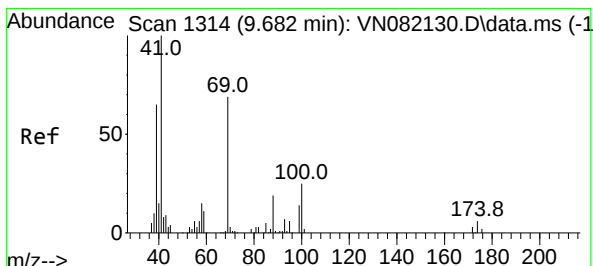
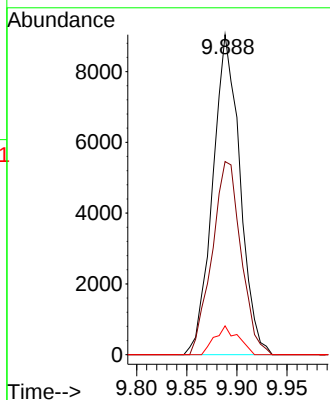
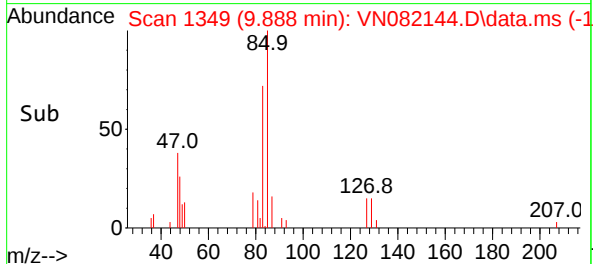
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 83 Resp: 1711
Ion Ratio Lower Upper
83 100
85 60.4 51.9 77.9
127 9.0 7.5 11.3

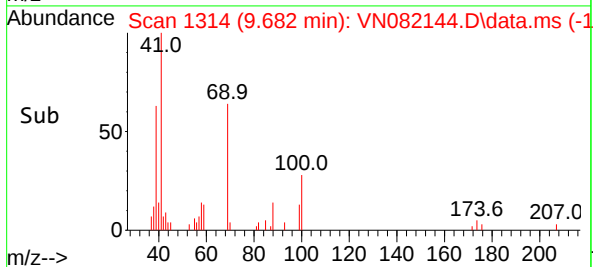
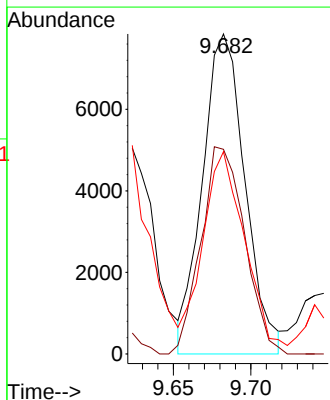
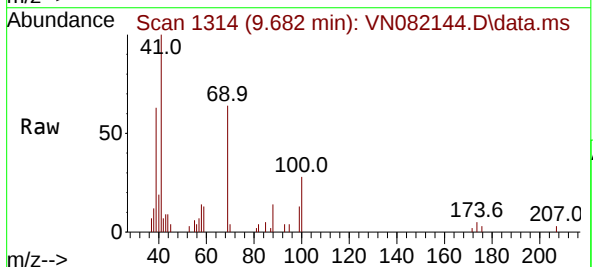
Manual Integrations
APPROVED

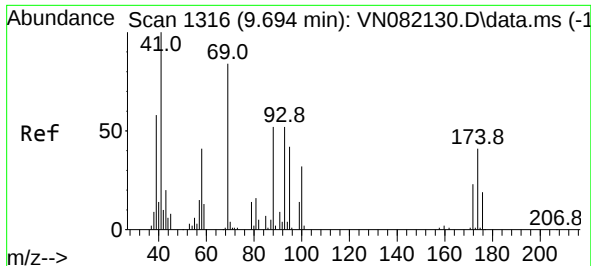
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#48
Methyl methacrylate
Concen: 4.917 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

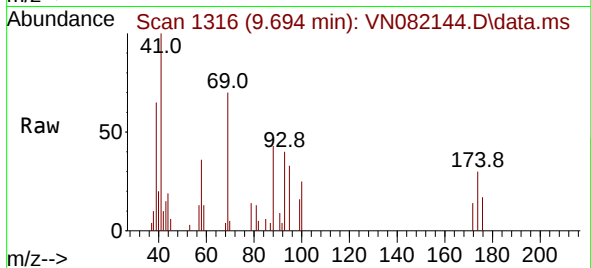
Tgt Ion: 41 Resp: 14959
Ion Ratio Lower Upper
41 100
69 66.6 77.9 116.9#
39 63.7 50.9 76.3





#49
1,4-Dioxane
Concen: 98.497 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

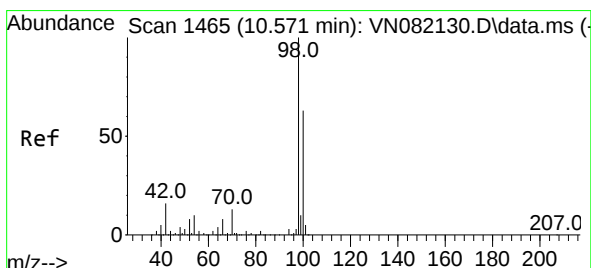
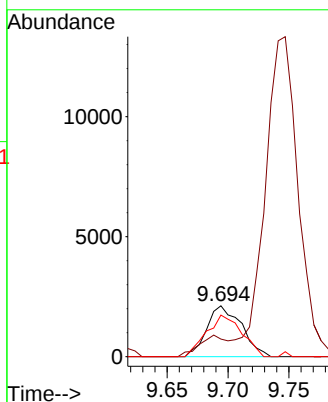
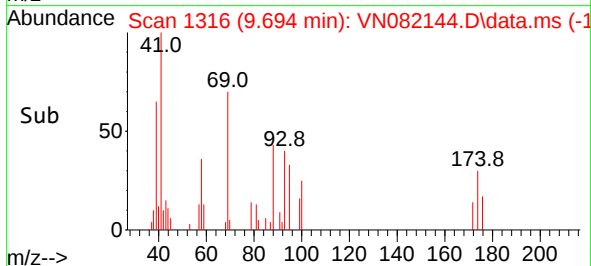
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 88 Resp: 4199
Ion Ratio Lower Upper
88 100
43 32.9 19.0 28.6
58 83.3 50.6 76.0

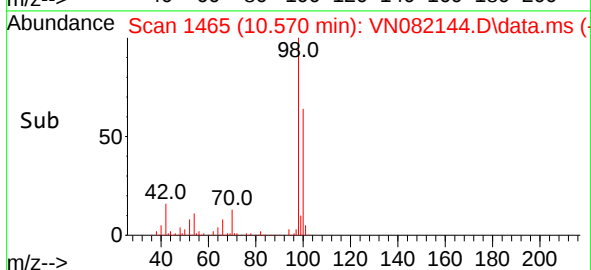
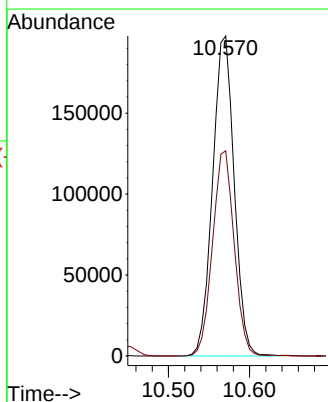
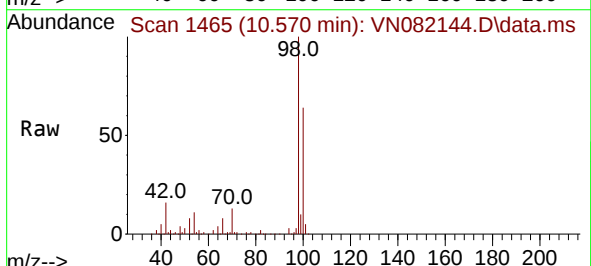
Manual Integrations
APPROVED

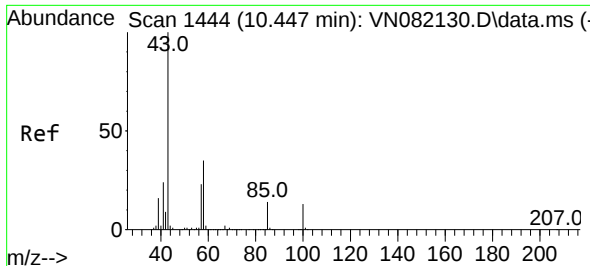
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#50
Toluene-d8
Concen: 49.706 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

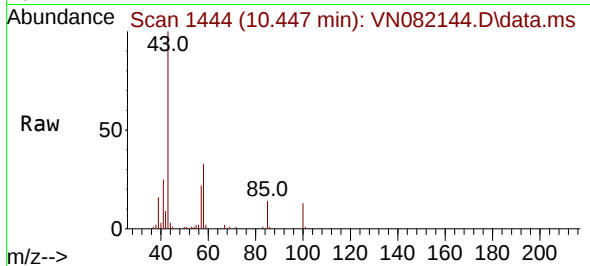
Tgt Ion: 98 Resp: 365841
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 24.912 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

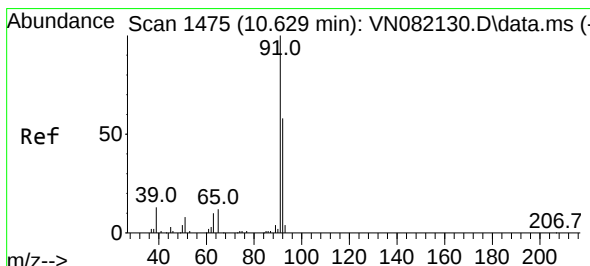
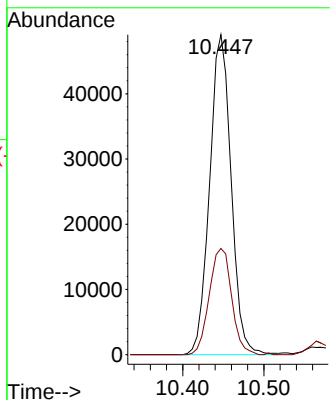
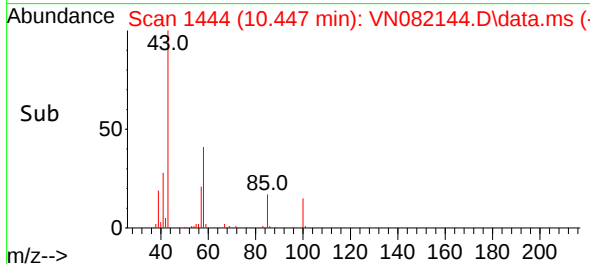
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



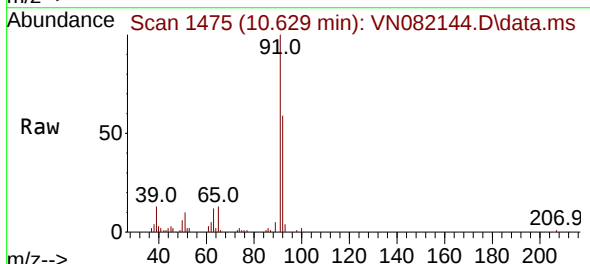
Tgt Ion: 43 Resp: 9037
Ion Ratio Lower Upper
43 100
58 34.5 33.2 49.8

Manual Integrations
APPROVED

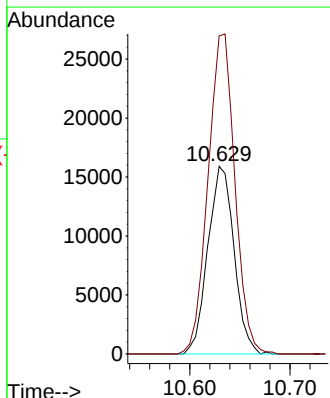
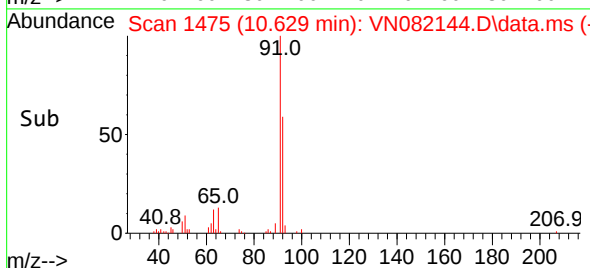
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

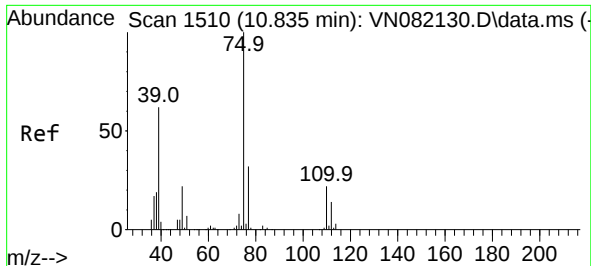


#52
Toluene
Concen: 5.014 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



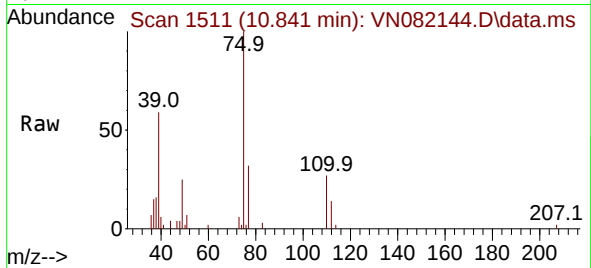
Tgt Ion: 92 Resp: 28888
Ion Ratio Lower Upper
92 100
91 174.8 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 4.598 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

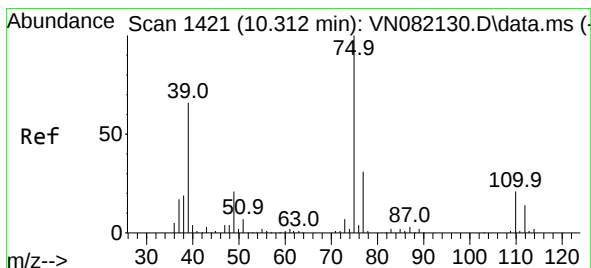
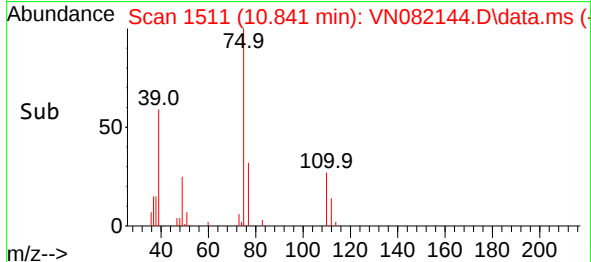
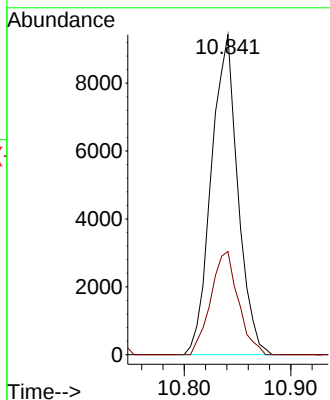
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 75 Resp: 16320
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

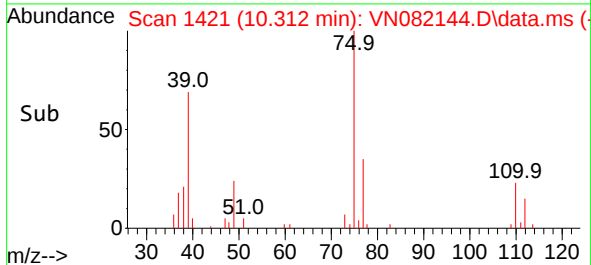
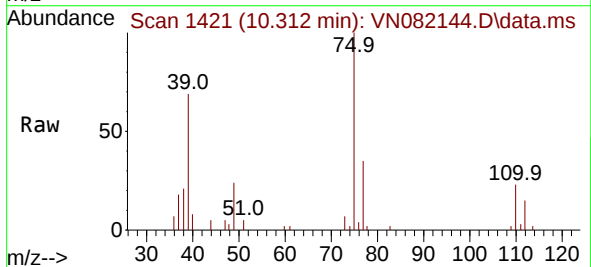
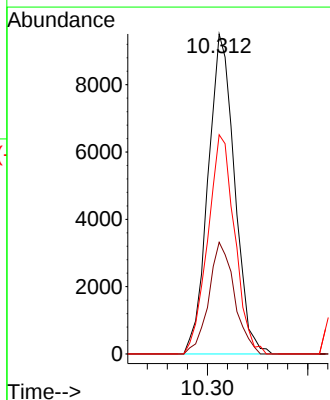
Manual Integrations
APPROVED

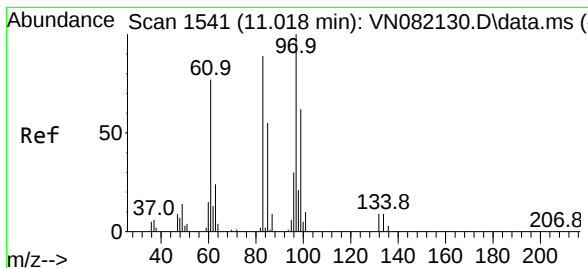
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#54
cis-1,3-Dichloropropene
Concen: 4.634 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

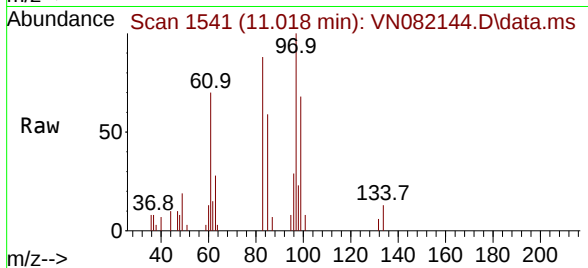
Tgt Ion: 75 Resp: 17419
Ion Ratio Lower Upper
75 100
77 34.9 25.0 37.4
39 68.5 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 5.151 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

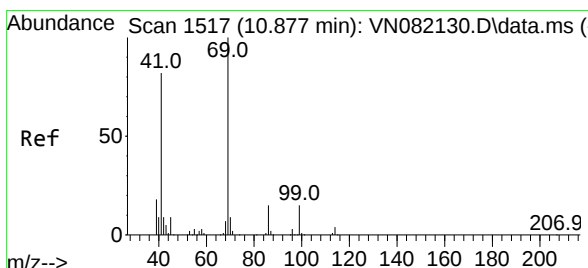
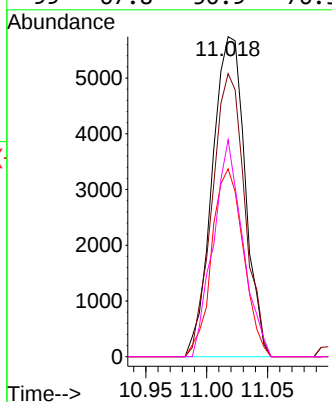
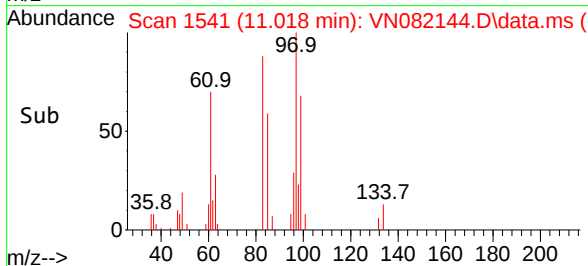
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



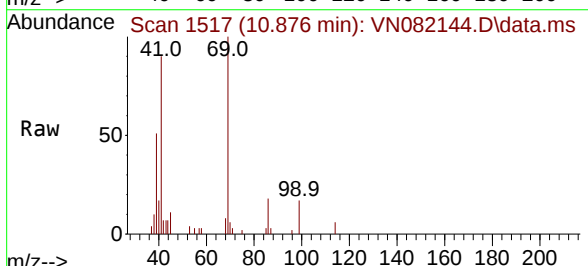
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.4	105.6
85	58.7	45.6	68.4
99	67.8	50.9	76.3

Manual Integrations
APPROVED

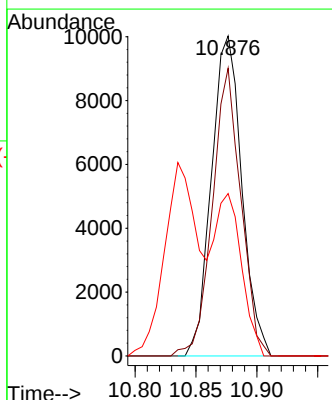
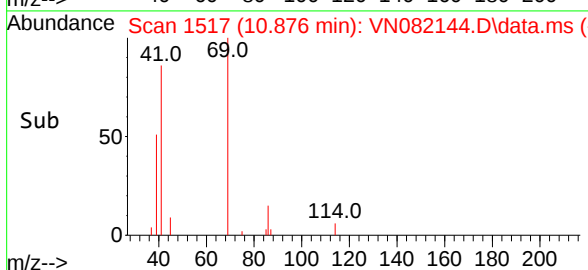
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

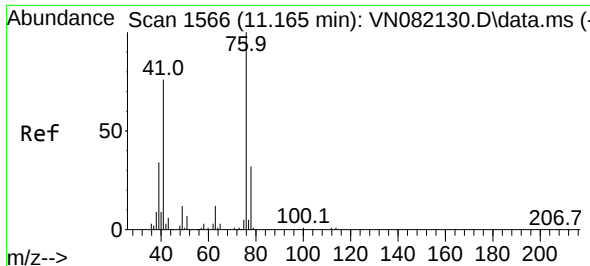


#56
Ethyl methacrylate
Concen: 4.894 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	84.0	46.6	70.0#
39	45.5	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 5.063 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 76 Resp: 1982

Ion Ratio Lower Upper

76 100

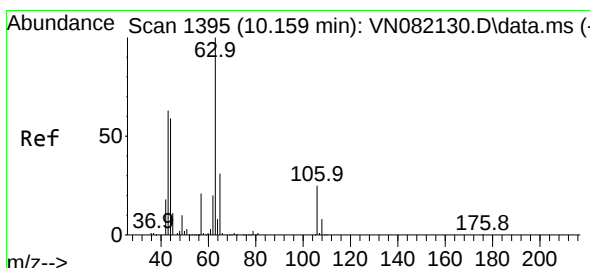
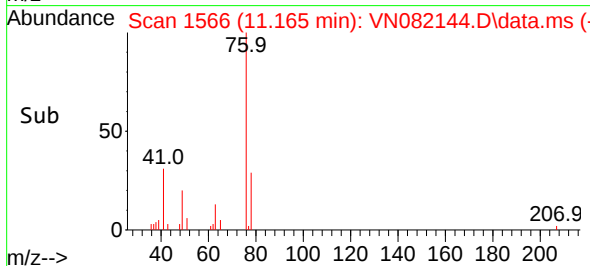
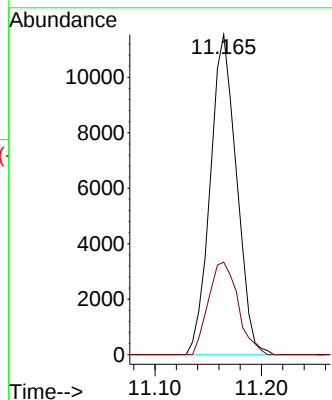
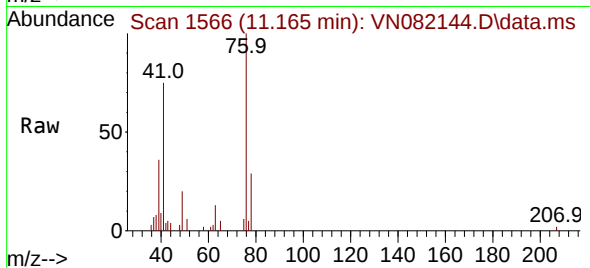
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 24.801 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082144.D

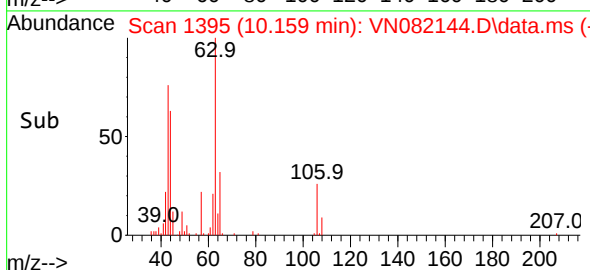
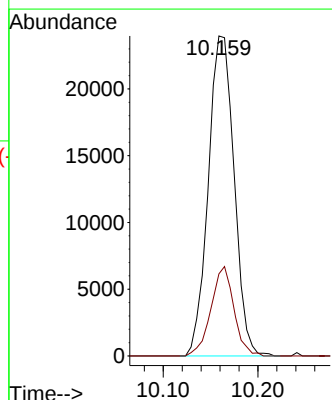
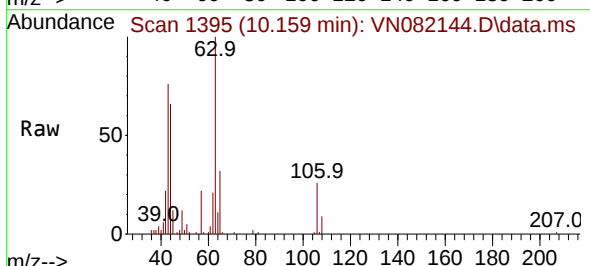
Acq: 15 May 2024 20:26

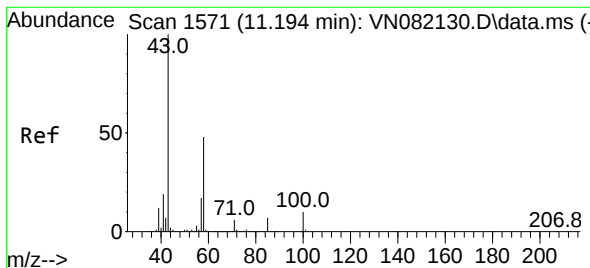
Tgt Ion: 63 Resp: 45476

Ion Ratio Lower Upper

63 100

106 24.8 24.6 36.8





#59

2-Hexanone

Concen: 24.177 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 64218

Ion Ratio Lower Upper

43 100

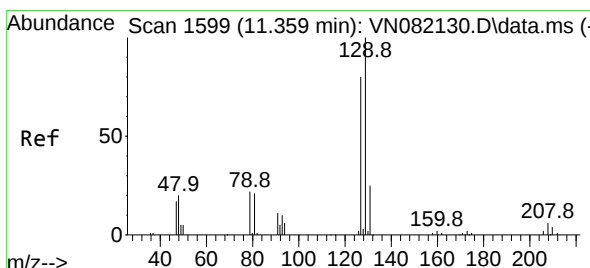
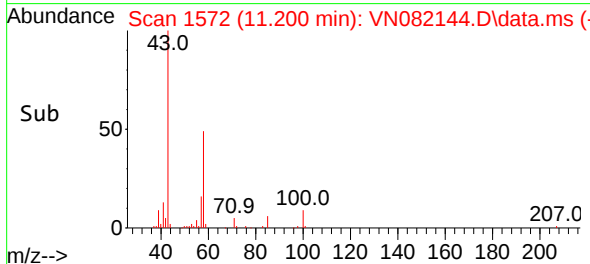
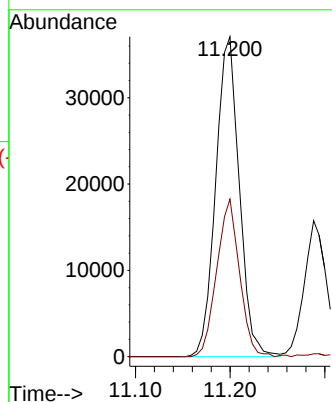
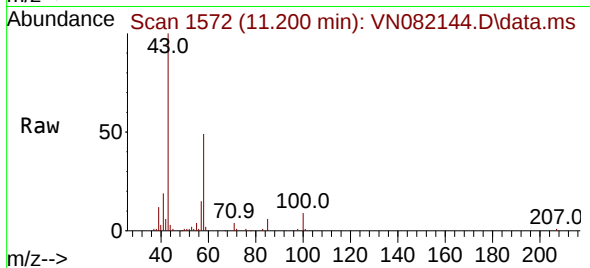
58 47.6 28.3 84.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#60

Dibromochloromethane

Concen: 4.869 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082144.D

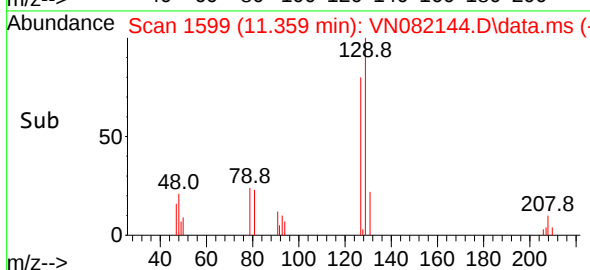
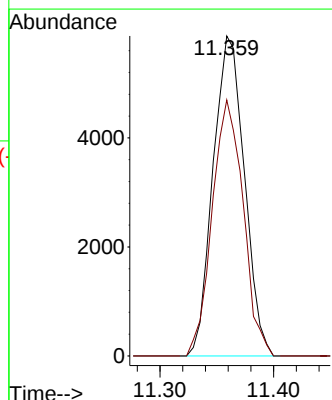
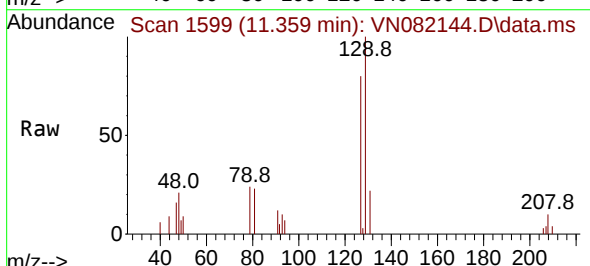
Acq: 15 May 2024 20:26

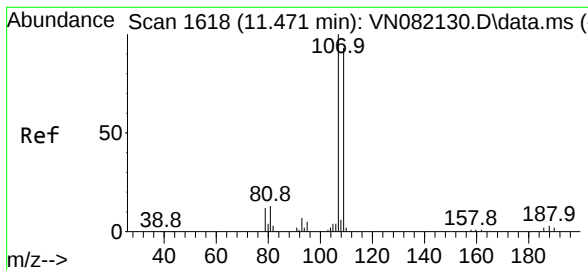
Tgt Ion:129 Resp: 11250

Ion Ratio Lower Upper

129 100

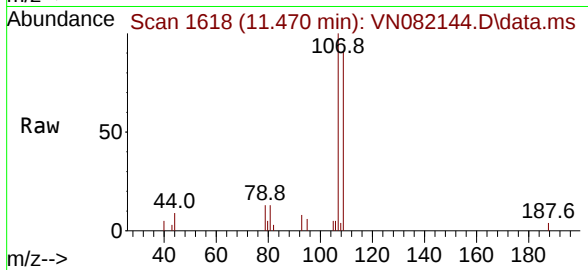
127 79.2 38.3 114.8





#61
1,2-Dibromoethane
Concen: 5.084 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

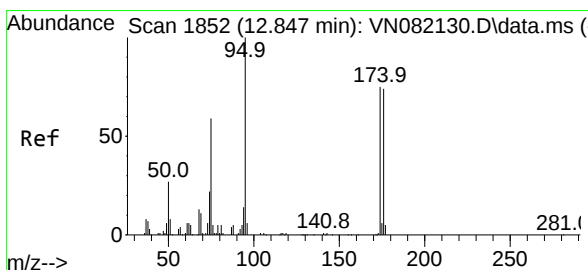
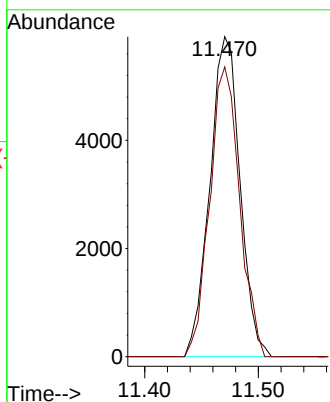
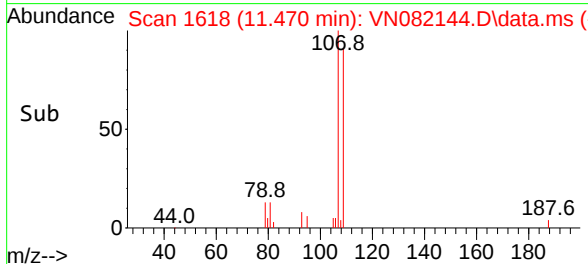
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



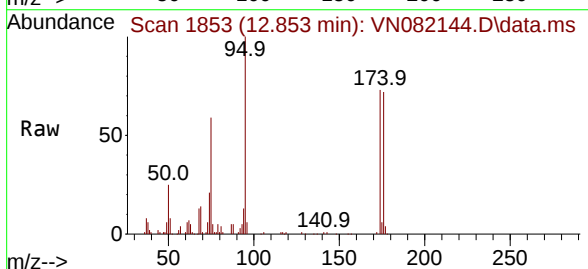
Tgt Ion:107 Resp: 10934
Ion Ratio Lower Upper
107 100
109 89.5 75.8 113.6

Manual Integrations
APPROVED

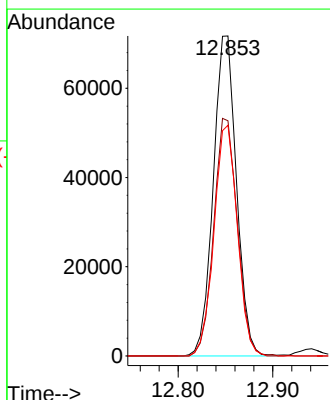
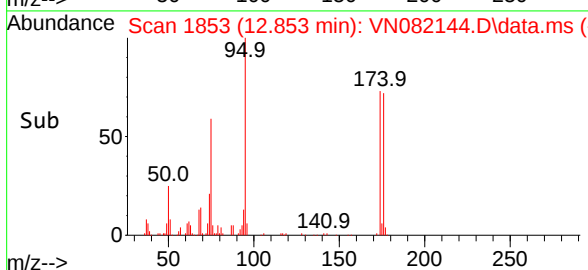
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

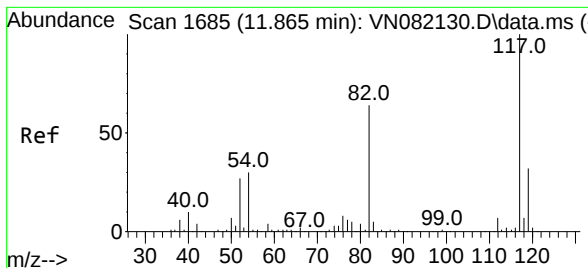


#62
4-Bromofluorobenzene
Concen: 46.593 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



Tgt Ion: 95 Resp: 122400
Ion Ratio Lower Upper
95 100
174 75.4 0.0 160.6
176 72.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:117 Resp: 284154

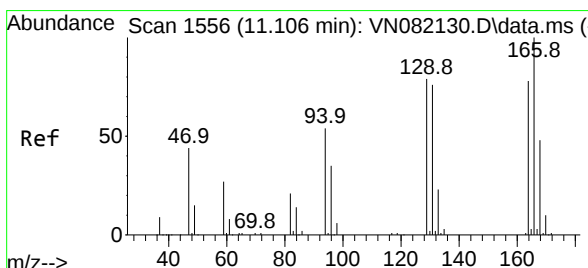
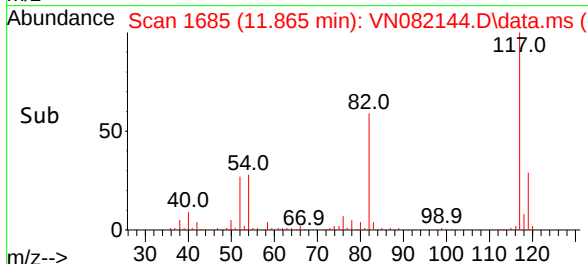
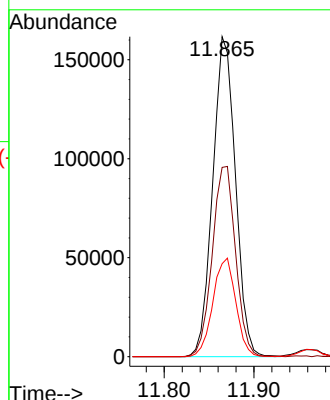
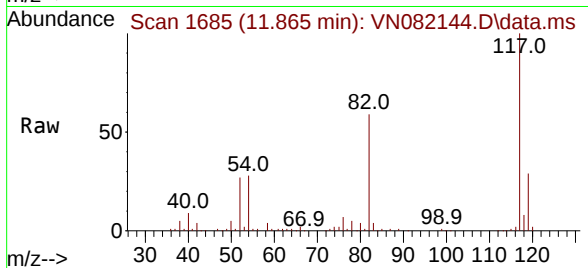
Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.6	66.8
119	29.1	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#64

Tetrachloroethene

Concen: 4.990 ug/l

RT: 11.106 min Scan# 1556

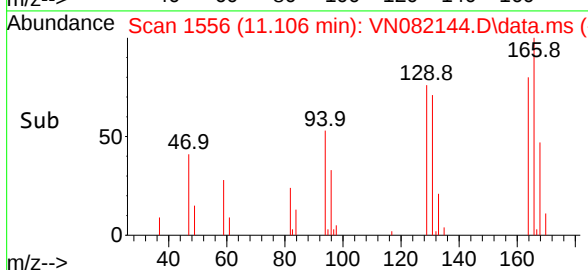
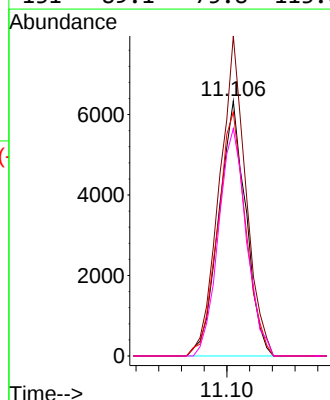
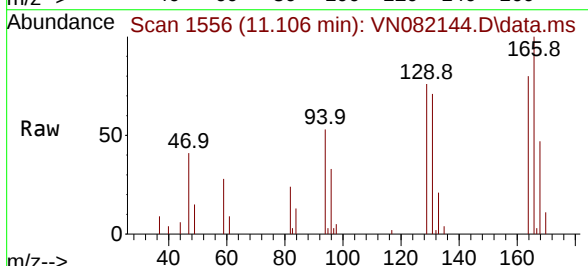
Delta R.T. -0.000 min

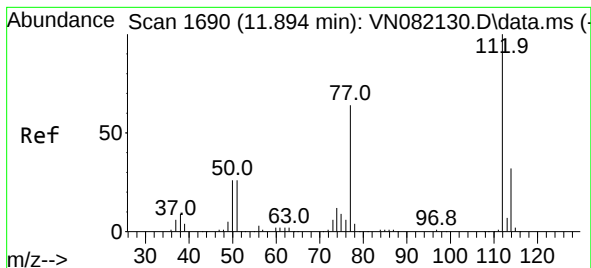
Lab File: VN082144.D

Acq: 15 May 2024 20:26

Tgt Ion:164 Resp: 10510

Ion	Ratio	Lower	Upper
164	100		
166	125.4	97.6	146.4
129	95.6	73.7	110.5
131	89.1	75.8	113.6





#65

Chlorobenzene

Concen: 4.806 ug/l

RT: 11.894 min Scan# 1119

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:112 Resp: 30169

Ion Ratio Lower Upper

112 100

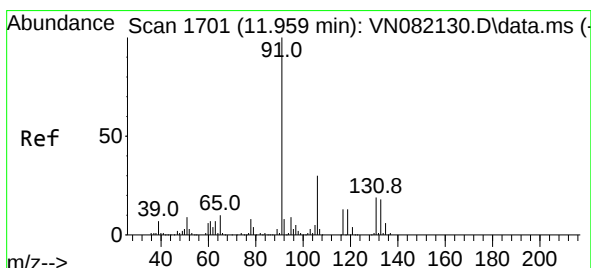
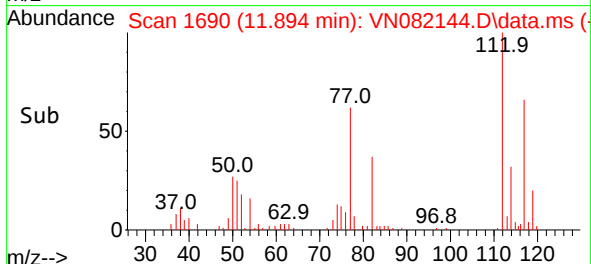
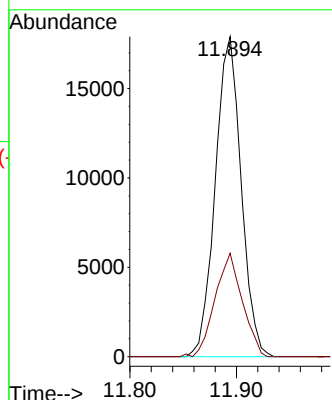
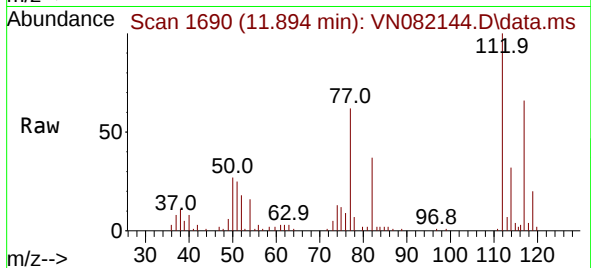
114 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 4.865 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

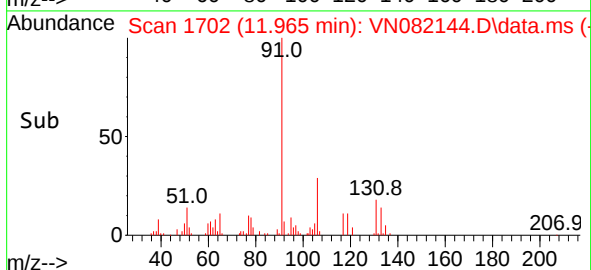
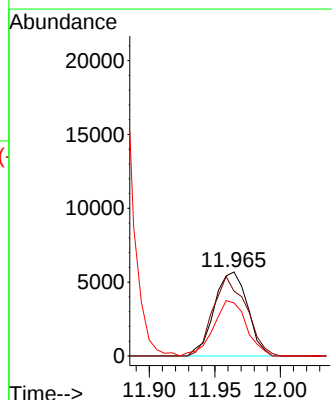
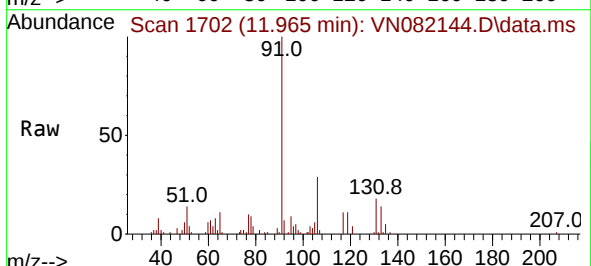
Tgt Ion:131 Resp: 10059

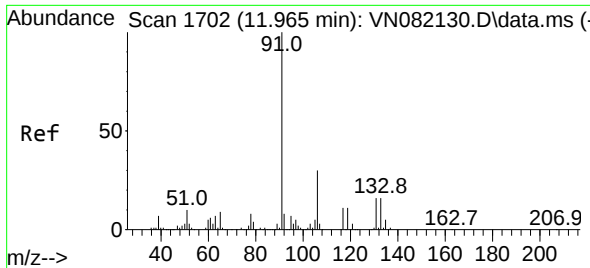
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

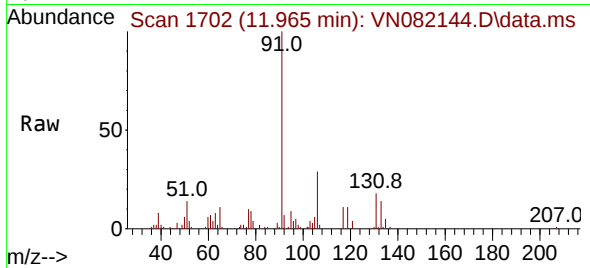
119 64.7 32.9 98.7





#67
Ethyl Benzene
Concen: 4.664 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

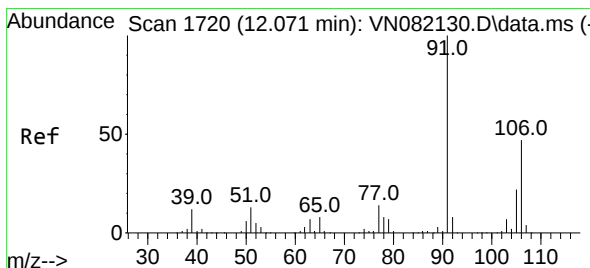
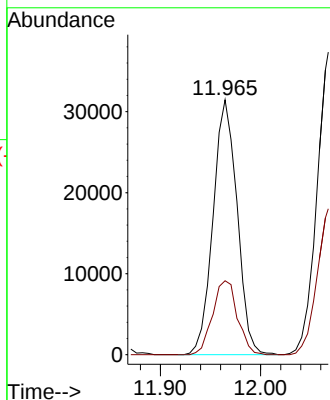
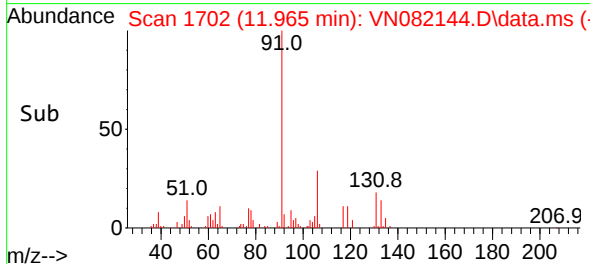
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



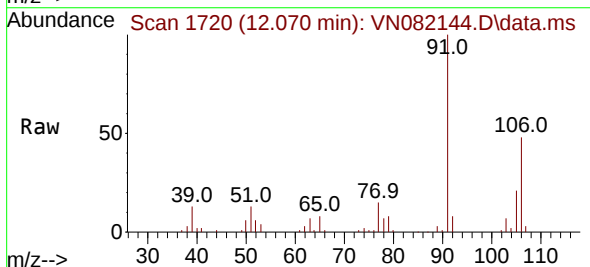
Tgt Ion: 91 Resp: 52379
Ion Ratio Lower Upper
91 100
106 29.0 25.3 37.9

Manual Integrations
APPROVED

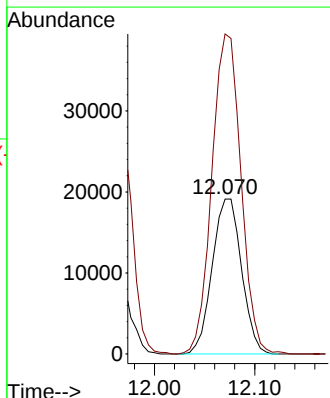
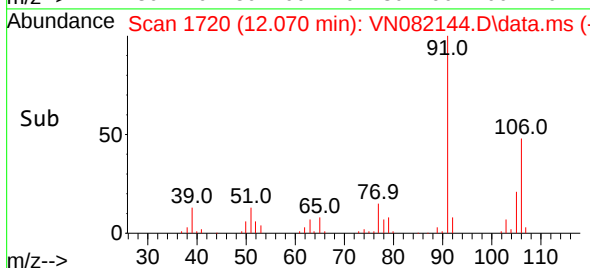
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

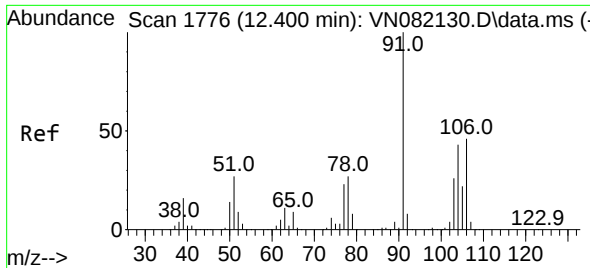


#68
m/p-Xylenes
Concen: 9.439 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



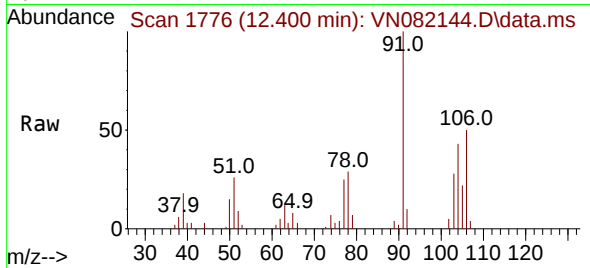
Tgt Ion:106 Resp: 38846
Ion Ratio Lower Upper
106 100
91 204.9 159.4 239.0





#69
o-Xylene
Concen: 4.618 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

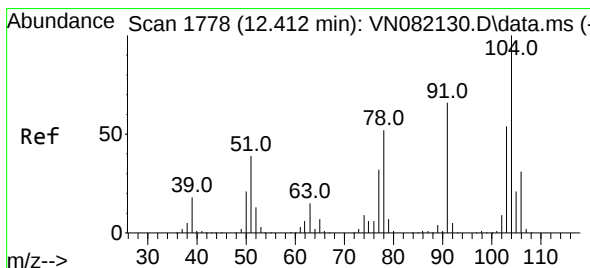
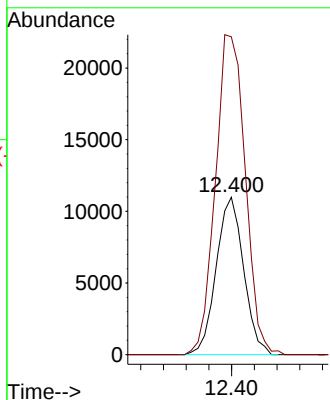
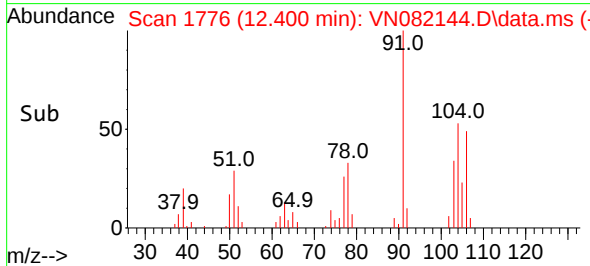
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:106 Resp: 18409
Ion Ratio Lower Upper
106 100
91 221.4 104.7 314.1

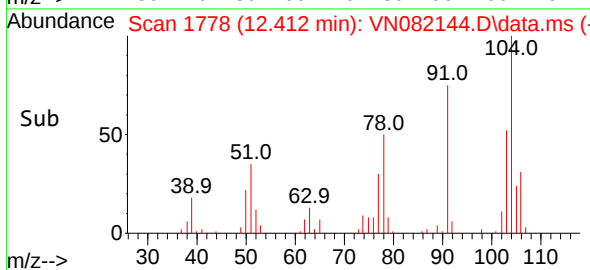
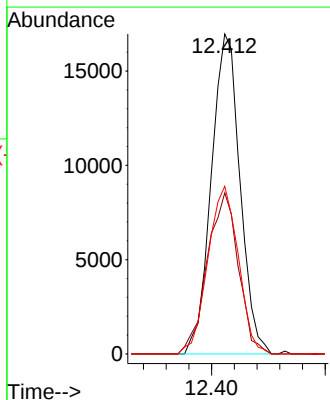
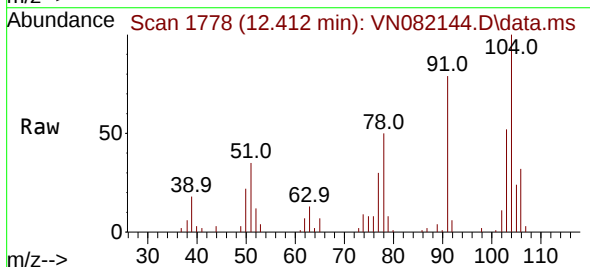
Manual Integrations
APPROVED

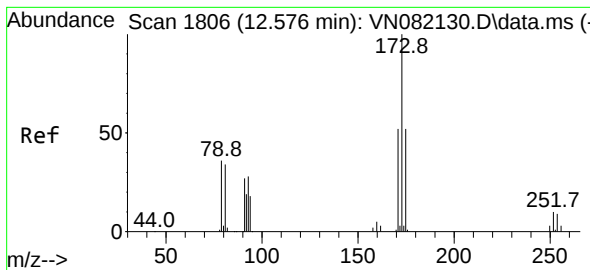
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#70
Styrene
Concen: 4.493 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:104 Resp: 29752
Ion Ratio Lower Upper
104 100
78 54.5 38.6 58.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 4.910 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

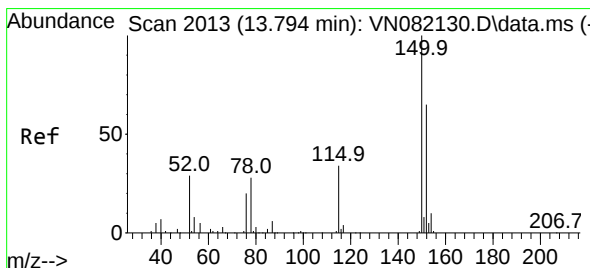
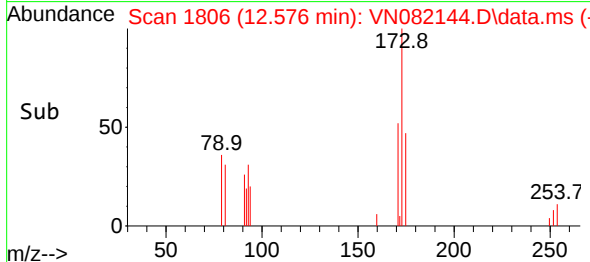
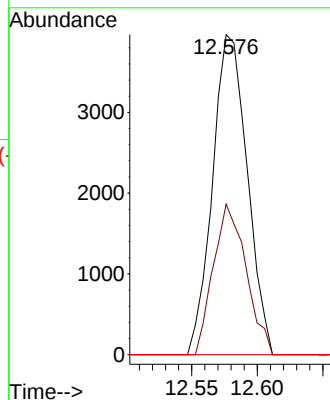
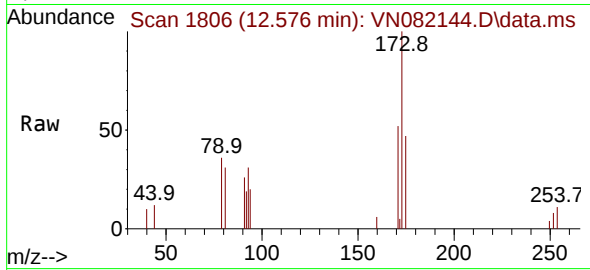
Tgt Ion:	173	Resp:	729
Ion Ratio	Lower	Upper	
173	100		
175	44.4	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

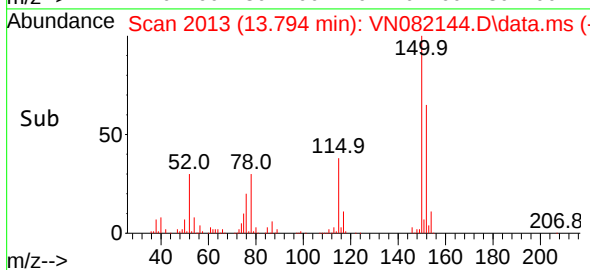
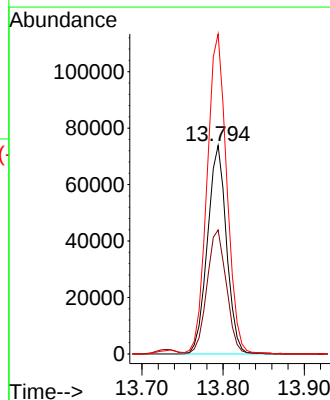
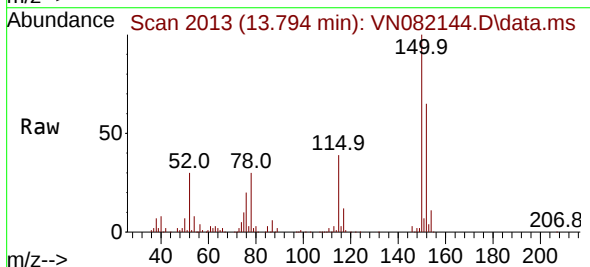
RT: 13.794 min Scan# 1213

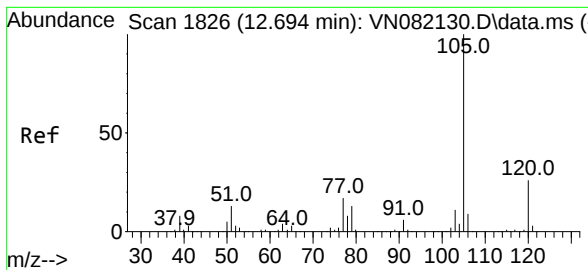
Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Tgt Ion:	152	Resp:	120191
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.4	91.3
150	158.9	0.0	353.2





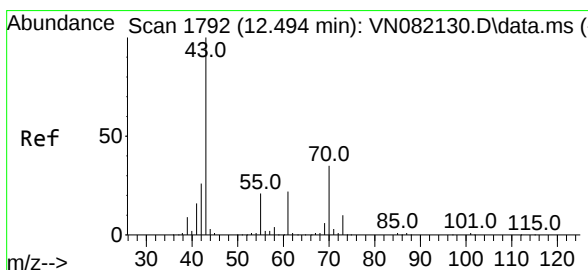
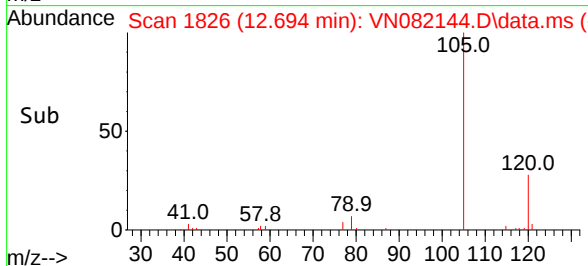
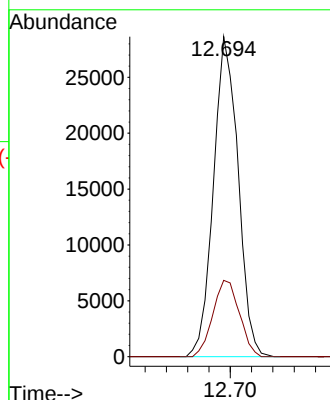
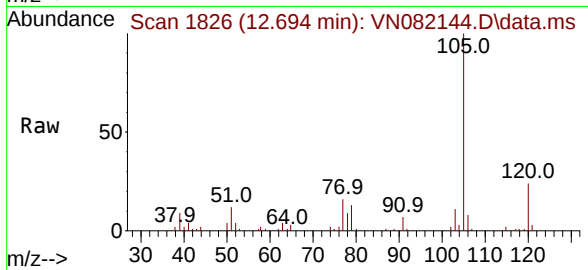
#73
Isopropylbenzene
Concen: 4.809 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 45920
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

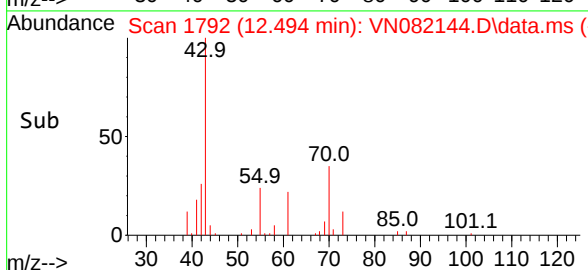
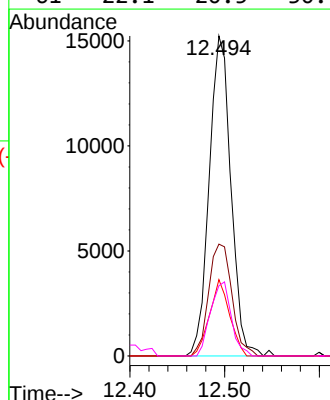
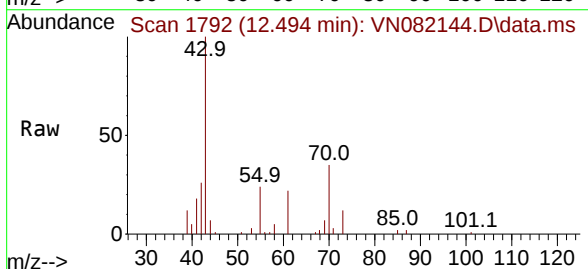
Manual Integrations
APPROVED

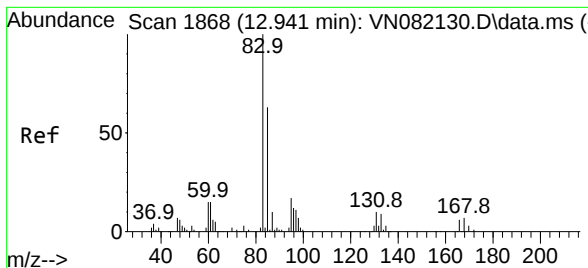
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#74
N-ethyl acetate
Concen: 4.631 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 43 Resp: 24324
Ion Ratio Lower Upper
43 100
70 37.5 39.0 58.4#
55 22.0 21.3 31.9
61 22.1 20.5 30.7





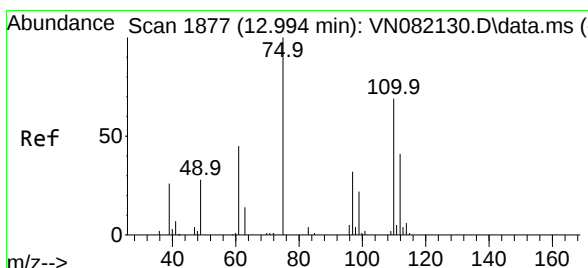
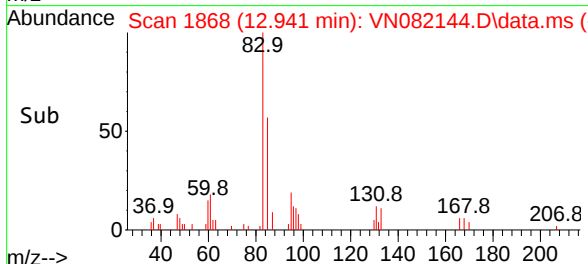
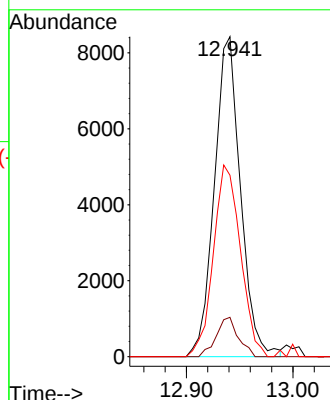
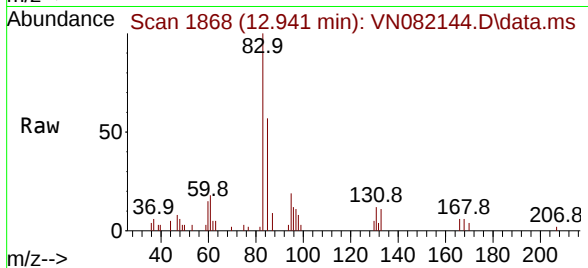
#75
1,1,2,2-Tetrachloroethane
Concen: 5.223 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 83 Resp: 14370
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.4
85 62.0 32.9 98.6

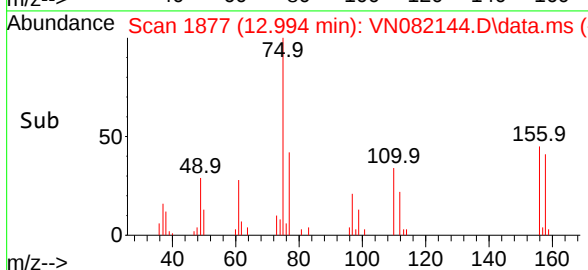
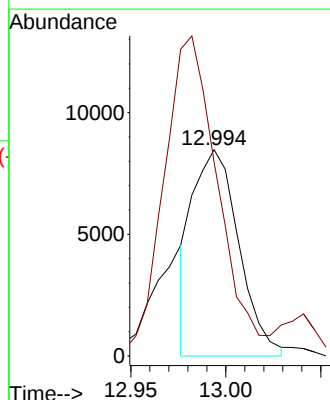
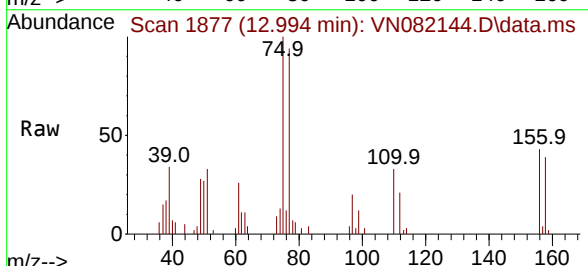
Manual Integrations
APPROVED

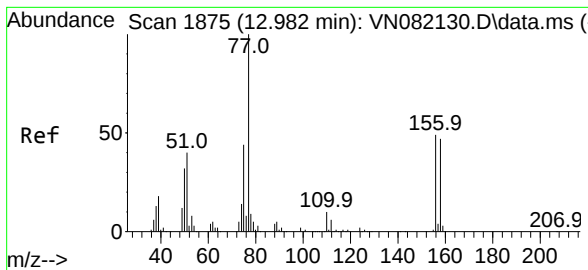
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#76
1,2,3-Trichloropropane
Concen: 5.656 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 75 Resp: 14309
Ion Ratio Lower Upper
75 100
77 182.1 90.5 271.3





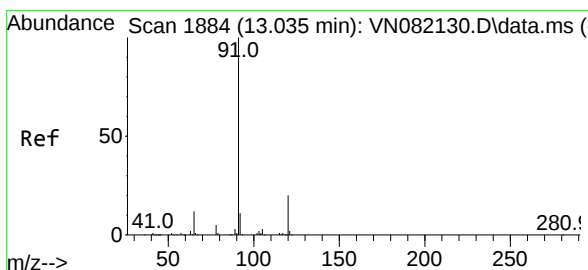
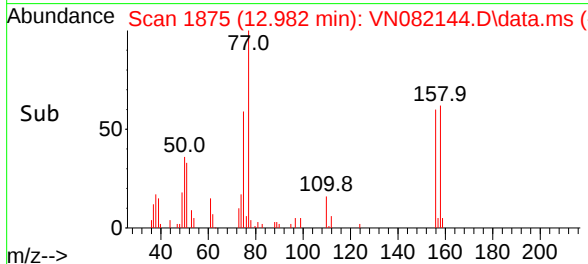
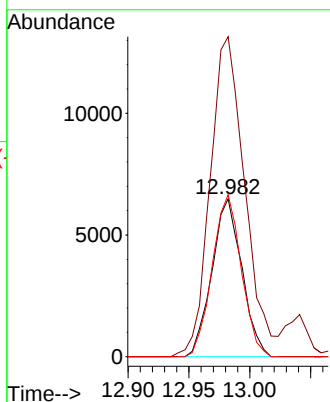
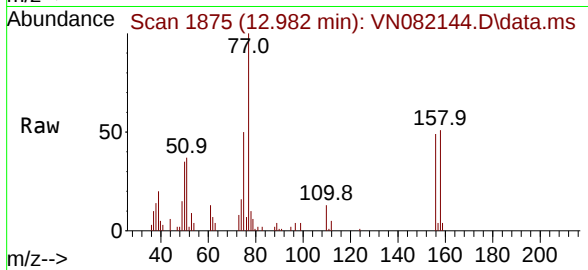
#77
Bromobenzene
Concen: 4.875 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
156	100		
77	234.9	100.2	300.6
158	99.6	49.1	147.3

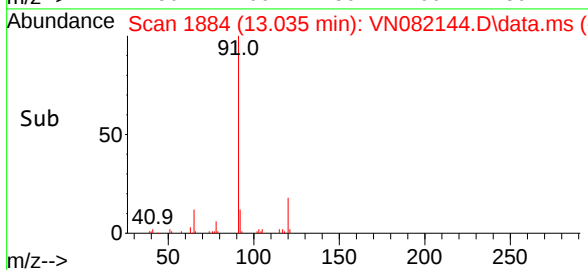
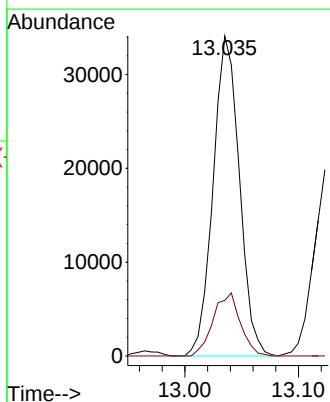
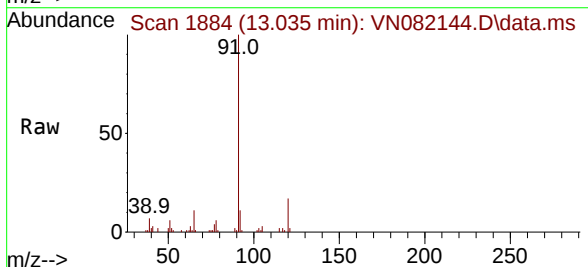
Manual Integrations
APPROVED

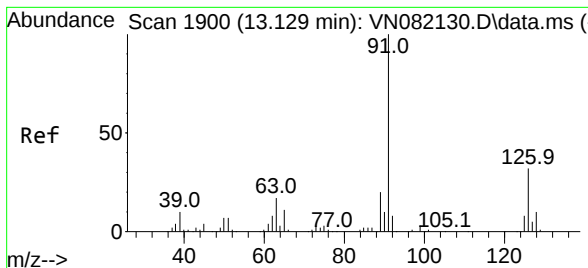
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
n-propylbenzene
Concen: 4.847 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.4	11.7	35.0





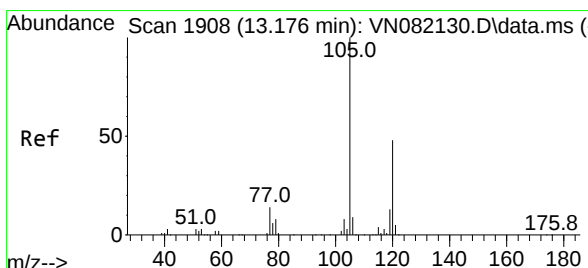
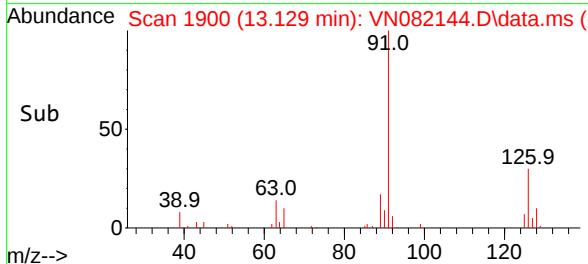
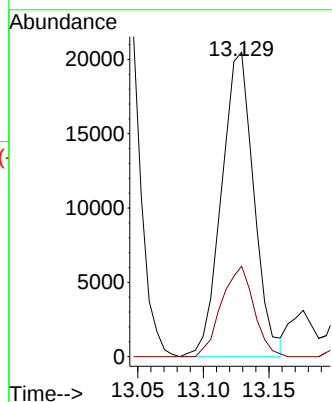
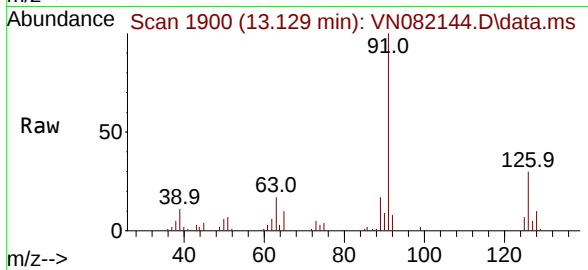
#79
2-Chlorotoluene
Concen: 4.946 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 35120
Ion Ratio Lower Upper
91 100
126 29.8 17.5 52.5

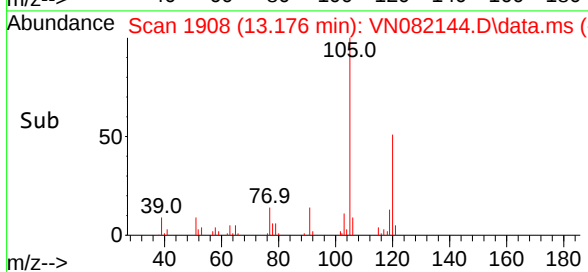
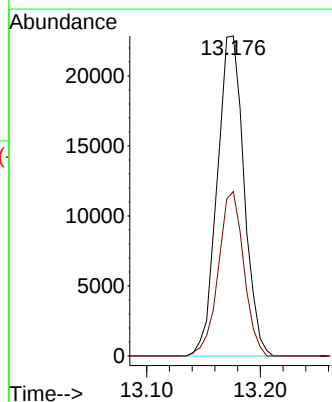
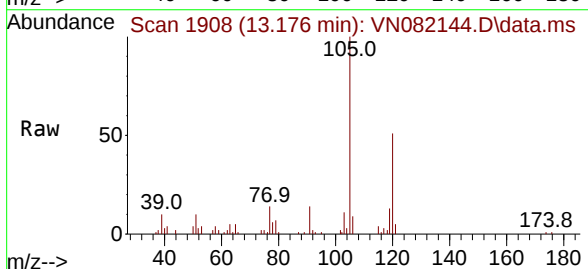
Manual Integrations
APPROVED

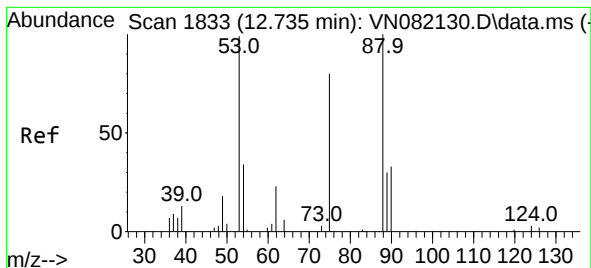
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.850 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

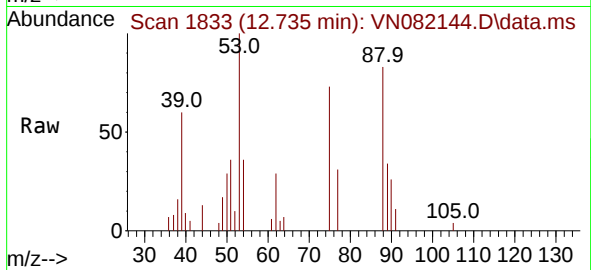
Tgt Ion:105 Resp: 37447
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.177 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

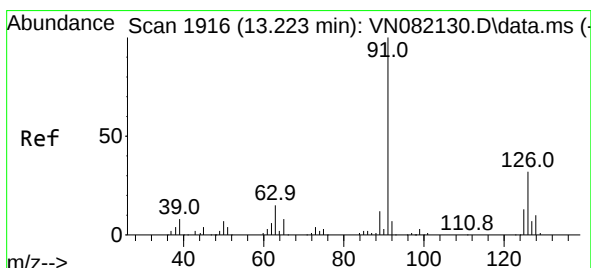
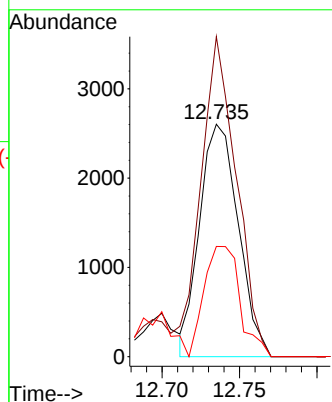
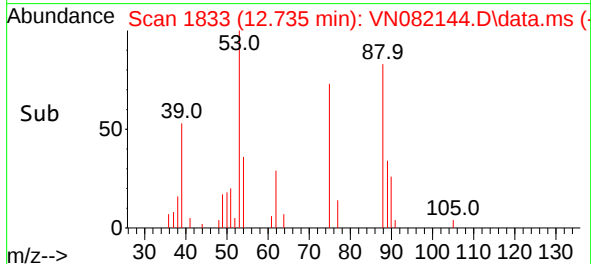
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



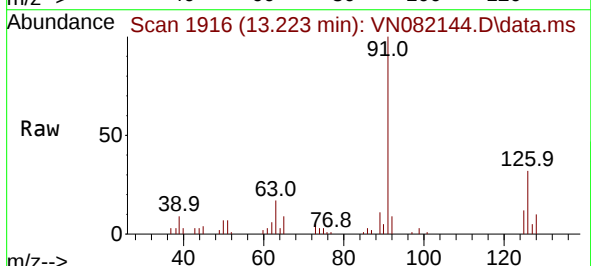
Tgt Ion: 75 Resp: 4518
Ion Ratio Lower Upper
75 100
53 127.0 72.9 109.3
89 43.9 39.1 58.7

Manual Integrations
APPROVED

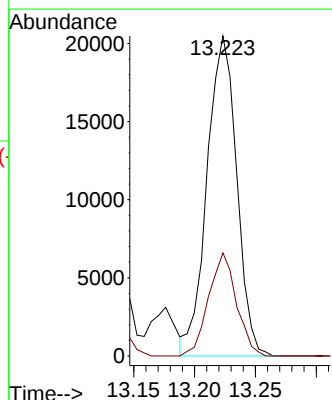
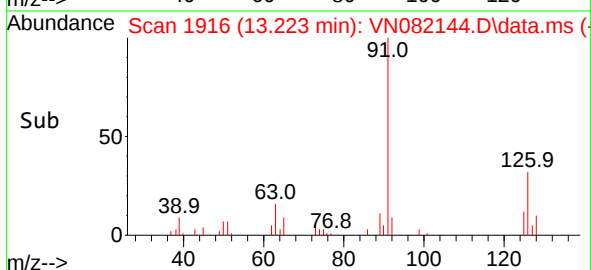
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

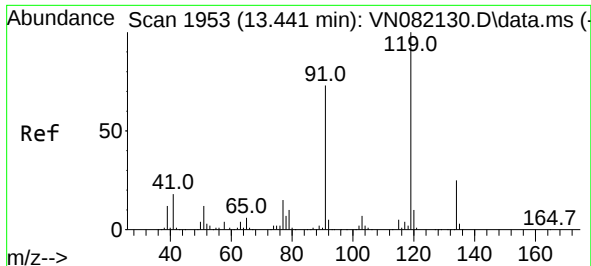


#82
4-Chlorotoluene
Concen: 5.004 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26



Tgt Ion: 91 Resp: 34740
Ion Ratio Lower Upper
91 100
126 30.2 17.4 52.3





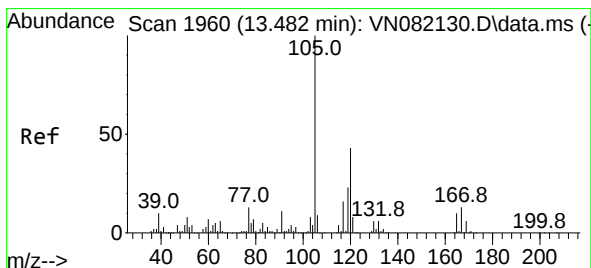
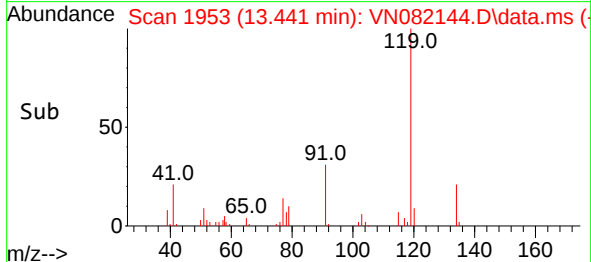
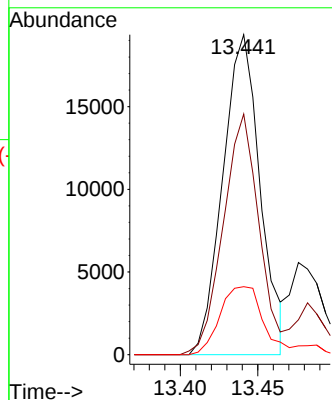
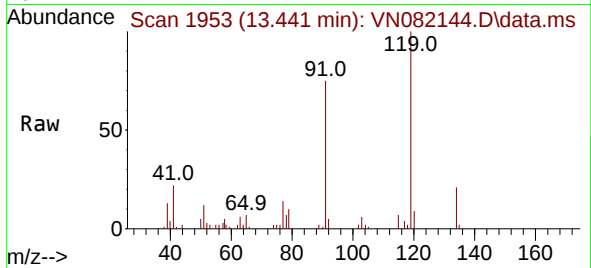
#83
tert-Butylbenzene
Concen: 4.801 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:119 Resp: 3243
Ion Ratio Lower Upper
119 100
91 71.6 32.6 97.8
134 26.4 12.4 37.0

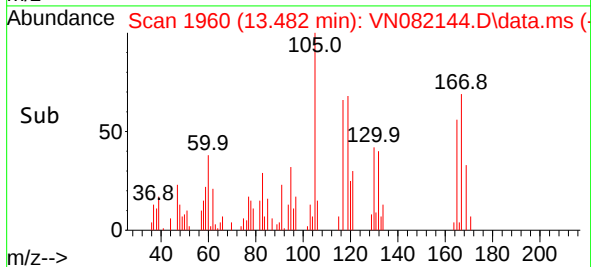
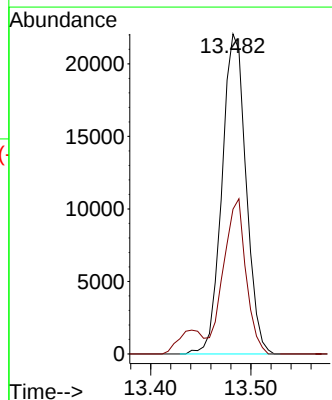
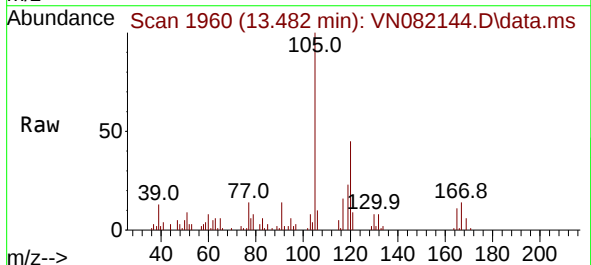
Manual Integrations
APPROVED

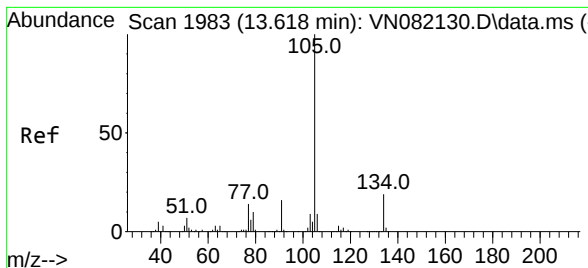
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.652 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:105 Resp: 36743
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 4.753 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 44500

Ion Ratio Lower Upper

105 100

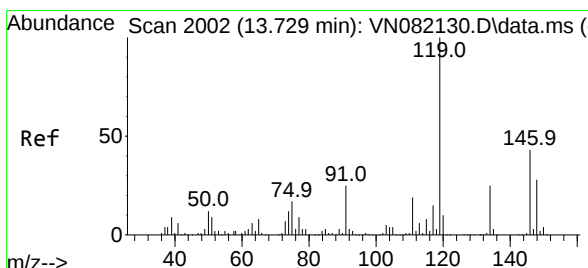
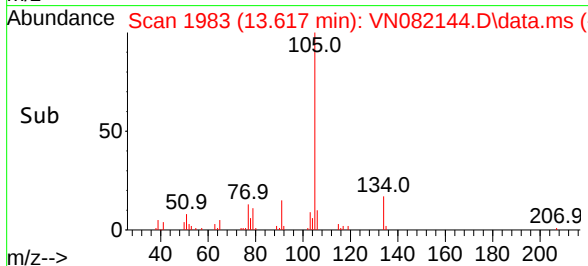
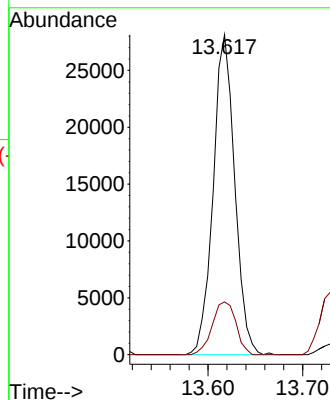
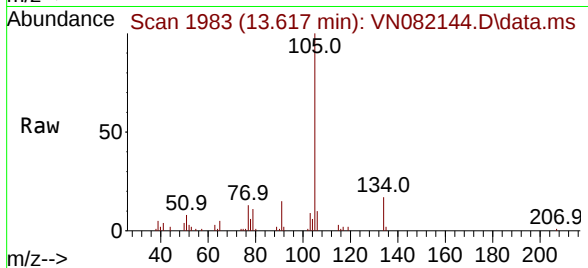
134 18.2 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#86

p-Isopropyltoluene

Concen: 4.461 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

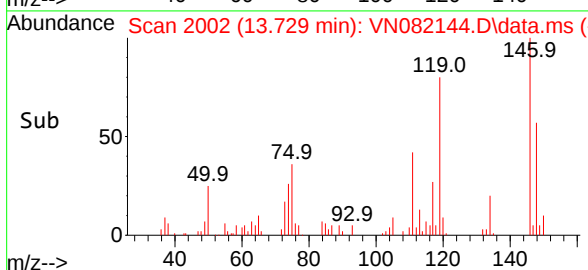
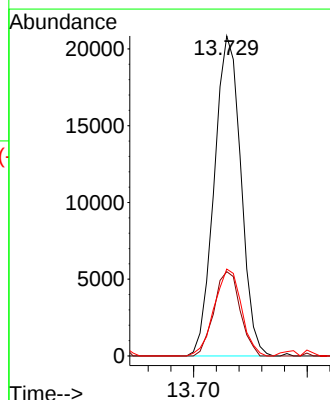
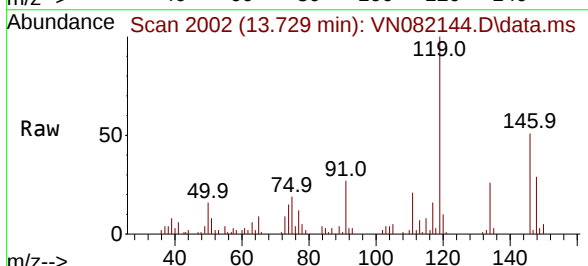
Tgt Ion:119 Resp: 33940

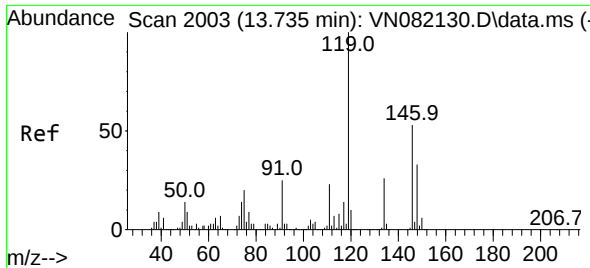
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

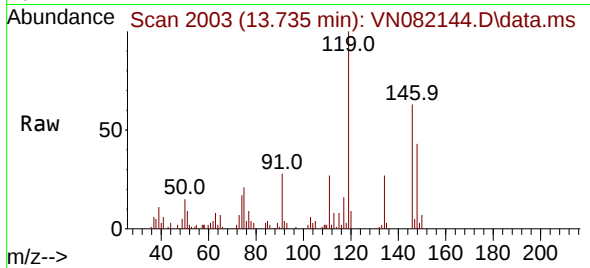
91 27.6 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 4.779 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

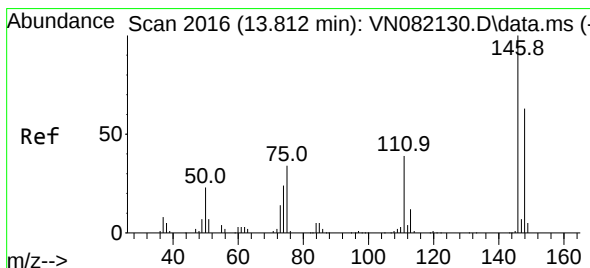
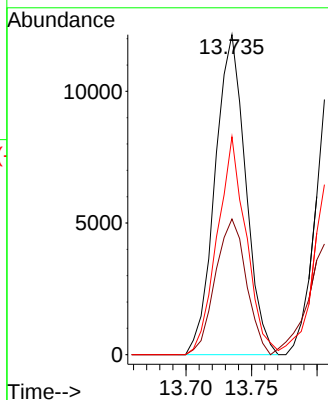
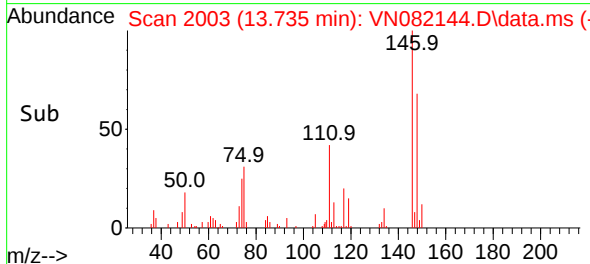
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



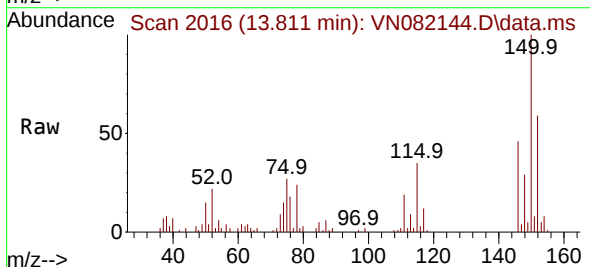
Tgt Ion:146 Resp: 1970
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.8 62.5
 148 64.5 32.1 96.3

Manual Integrations
 APPROVED

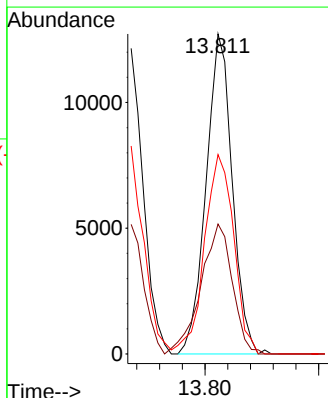
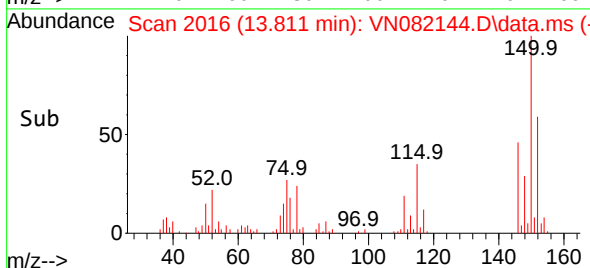
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

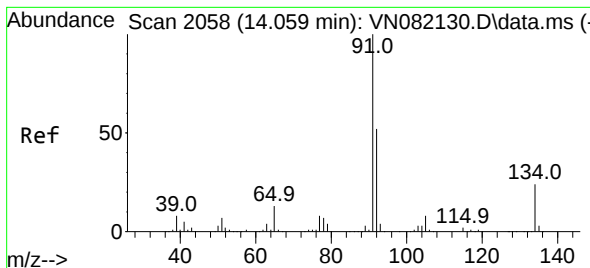


#88
 1,4-Dichlorobenzene
 Concen: 4.844 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26



Tgt Ion:146 Resp: 20381
 Ion Ratio Lower Upper
 146 100
 111 48.9 19.3 57.9
 148 69.8 31.3 93.9





#89

n-Butylbenzene

Concen: 4.434 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

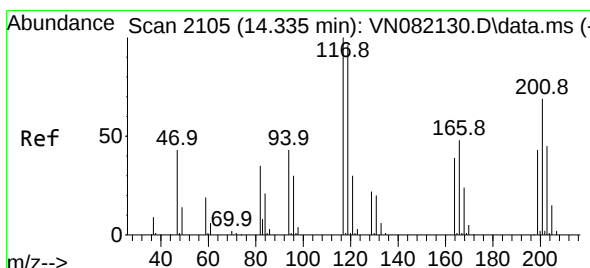
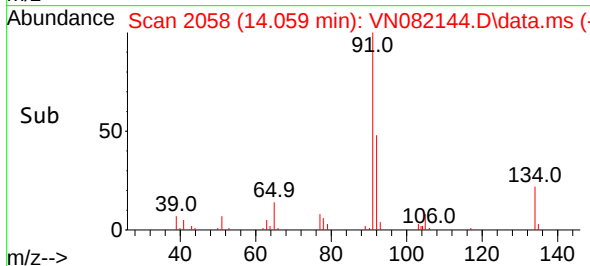
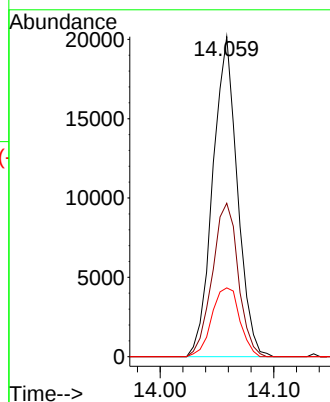
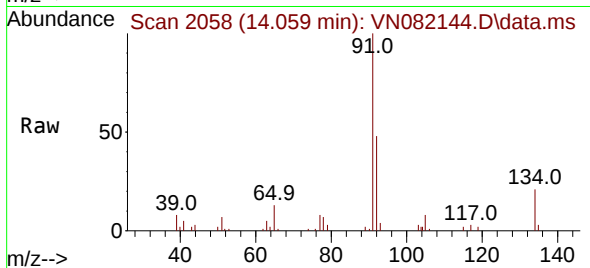
Tgt Ion: 91	Resp: 30320
Ion Ratio	Lower Upper
91	100
92	50.6 26.2 78.5
134	24.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#90

Hexachloroethane

Concen: 4.771 ug/l

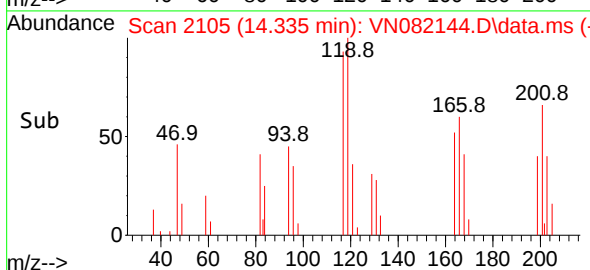
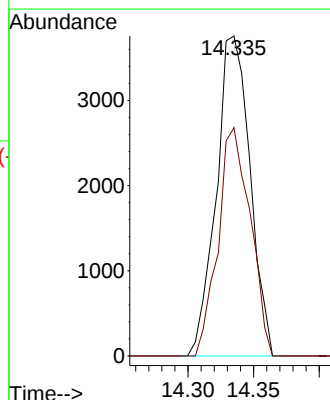
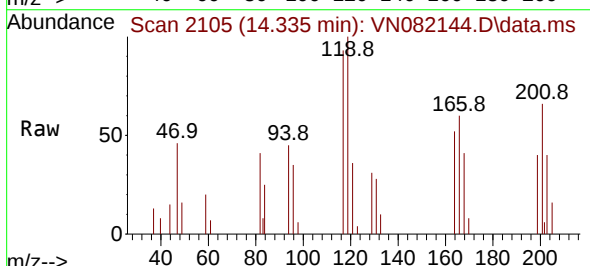
RT: 14.335 min Scan# 2105

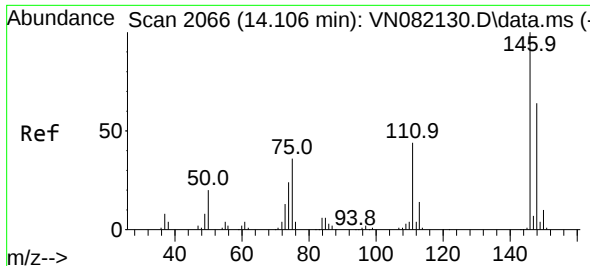
Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Tgt Ion: 117	Resp: 6726
Ion Ratio	Lower Upper
117	100
201	67.9 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 4.853 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082144.D

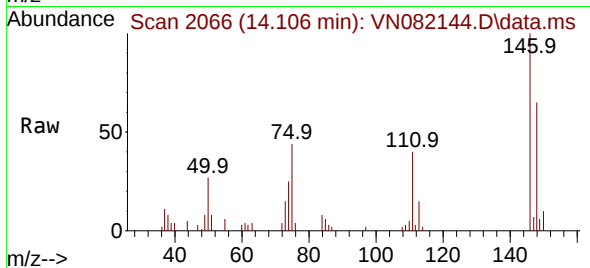
Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



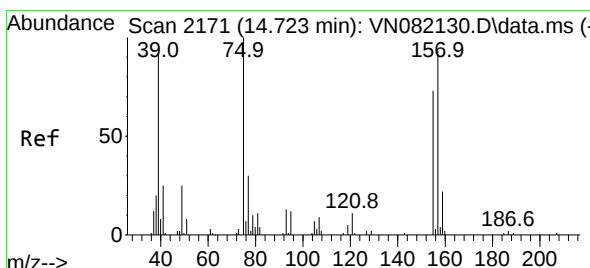
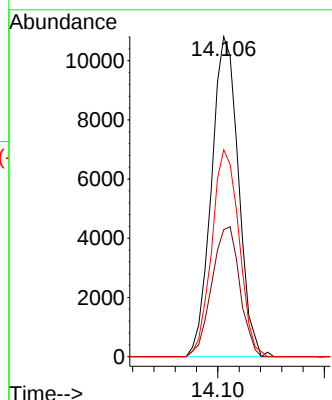
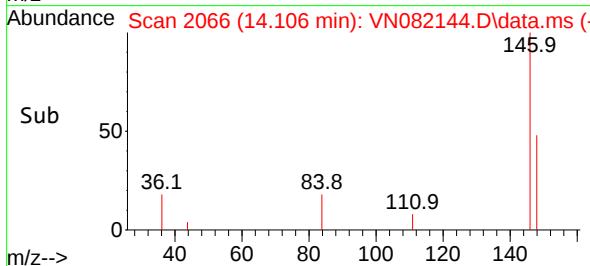
Tgt Ion:	146	Resp:	1893
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	65.4	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.066 ug/l

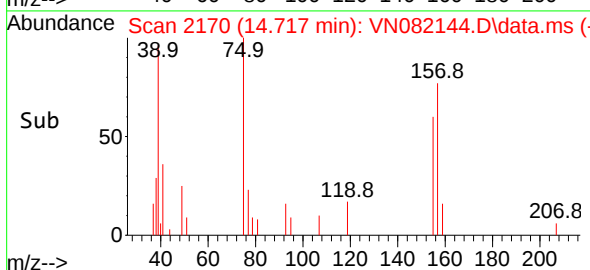
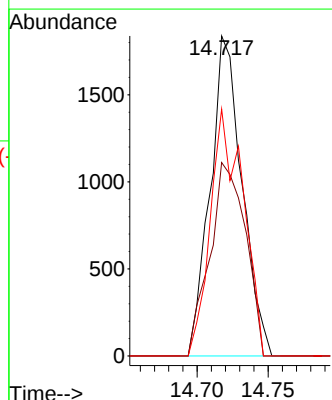
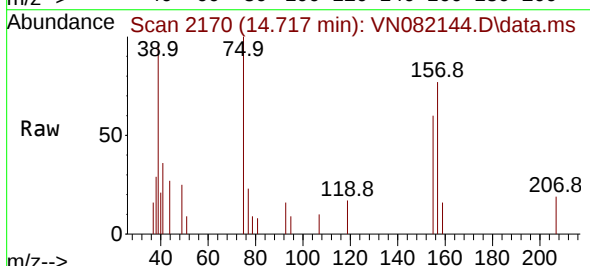
RT: 14.717 min Scan# 2170

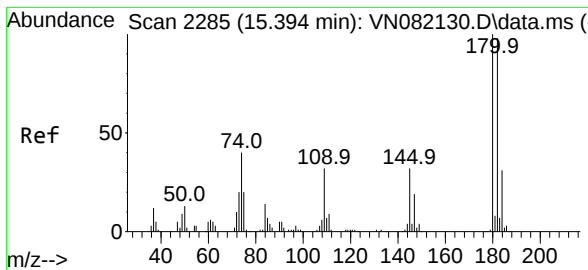
Delta R.T. -0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

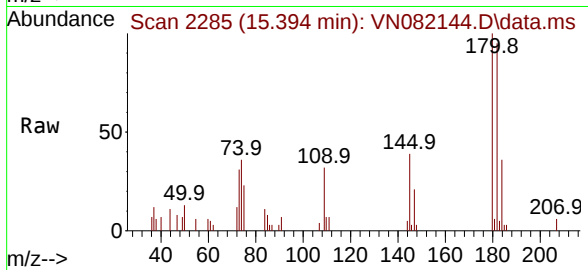
Tgt Ion:	75	Resp:	2865
Ion	Ratio	Lower	Upper
75	100		
155	67.9	42.6	128.0
157	79.4	53.0	159.0





#93
1,2,4-Trichlorobenzene
Concen: 4.245 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

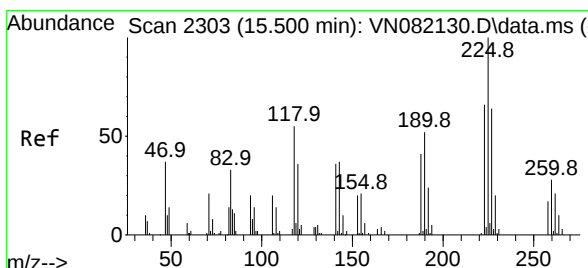
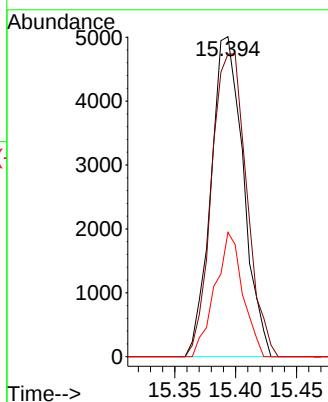
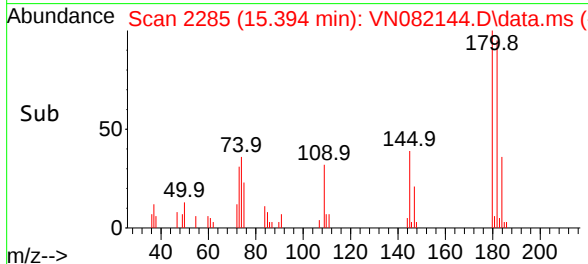
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:180 Resp: 928
Ion Ratio Lower Upper
180 100
182 102.2 46.7 140.0
145 33.2 16.2 48.6

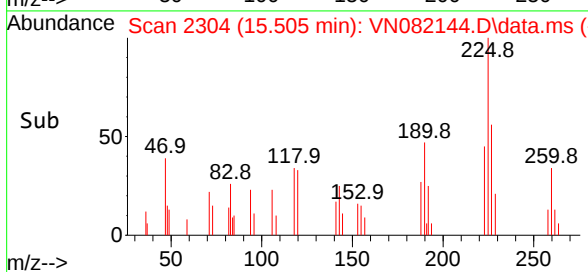
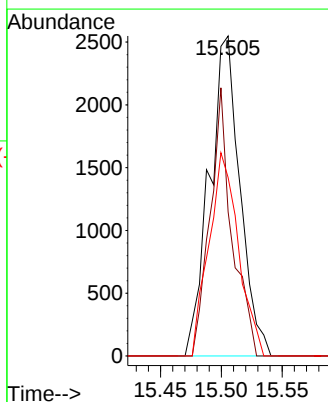
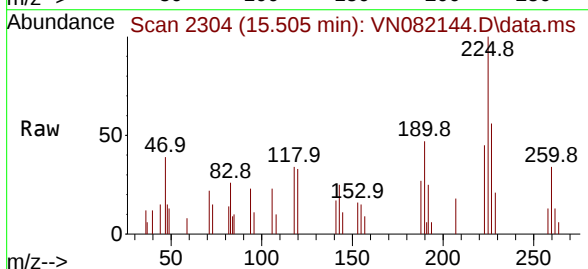
Manual Integrations
APPROVED

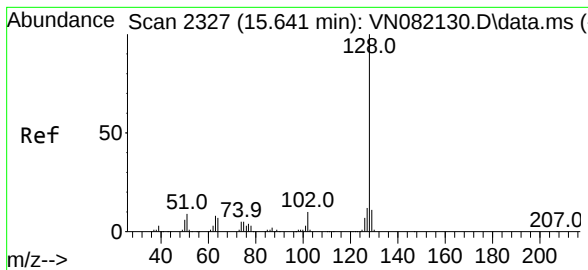
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#94
Hexachlorobutadiene
Concen: 4.635 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

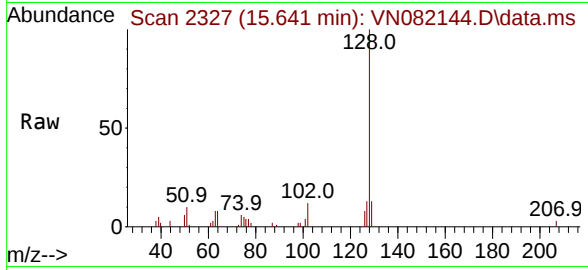
Tgt Ion:225 Resp: 4449
Ion Ratio Lower Upper
225 100
223 60.0 31.1 93.2
227 61.2 30.6 91.6





#95
Naphthalene
Concen: 4.198 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

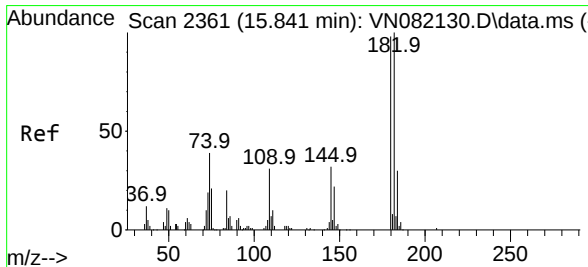
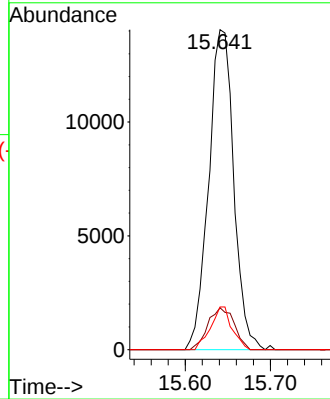
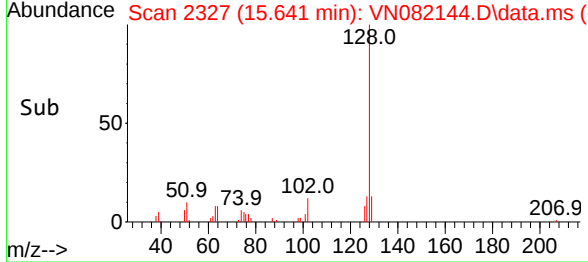
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	11.4	8.9	13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.134 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	46.0	137.8
145	34.4	17.1	51.3

