

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082143.D
 Acq On : 15 May 2024 20:02
 Operator : JC\MD
 Sample : P2403-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 16 06:11:14 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	175824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146201	52.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	8.165	113	98189	51.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	10.565	98	362619	49.305	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.853	95	118891	45.291	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 90.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2127	0.839	ug/l	98
3) Chloromethane	2.366	50	3213	1.118	ug/l	97
4) Vinyl Chloride	2.513	62	2885	1.068	ug/l	97
5) Bromomethane	2.960	94	2318	1.493	ug/l #	69
6) Chloroethane	3.124	64	2059	1.168	ug/l #	73
7) Trichlorofluoromethane	3.501	101	3524	0.996	ug/l	87
8) Diethyl Ether	3.954	74	1403	1.114	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	2076	1.005	ug/l	88
10) Methyl Iodide	4.589	142	1649	0.794	ug/l #	81
11) Tert butyl alcohol	5.530	59	2341	5.253	ug/l #	71
12) 1,1-Dichloroethene	4.342	96	1735	0.904	ug/l	91
13) Acrolein	4.183	56	1425	4.315	ug/l #	58
14) Allyl chloride	5.024	41	3806	0.926	ug/l #	86
15) Acrylonitrile	5.724	53	5787	5.014	ug/l	99
16) Acetone	4.436	43	5784	5.079	ug/l	98
17) Carbon Disulfide	4.712	76	6155	0.992	ug/l #	93
18) Methyl Acetate	5.042	43	3074m	1.084	ug/l	
19) Methyl tert-butyl Ether	5.789	73	7175m	1.022	ug/l	
20) Methylene Chloride	5.283	84	3030	1.319	ug/l #	90
21) trans-1,2-Dichloroethene	5.783	96	2132	1.019	ug/l #	89
22) Diisopropyl ether	6.677	45	7850	0.914	ug/l #	88
23) Vinyl Acetate	6.606	43	30310	4.478	ug/l	95
24) 1,1-Dichloroethane	6.577	63	4244	0.959	ug/l #	81
25) 2-Butanone	7.489	43	8080	4.679	ug/l #	81
26) 2,2-Dichloropropane	7.483	77	3303	0.891	ug/l	86
27) cis-1,2-Dichloroethene	7.489	96	2355	0.954	ug/l	78
28) Bromochloromethane	7.818	49	2306	1.118	ug/l #	69
29) Tetrahydrofuran	7.842	42	5525	4.983	ug/l #	81
30) Chloroform	7.971	83	4317	1.022	ug/l	93
31) Cyclohexane	8.224	56	9006	2.031	ug/l #	42
32) 1,1,1-Trichloroethane	8.183	97	3823	1.020	ug/l #	52
36) 1,1-Dichloropropene	8.365	75	3231	1.004	ug/l	94
37) Ethyl Acetate	7.559	43	3681m	1.022	ug/l	
38) Carbon Tetrachloride	8.365	117	3096	0.949	ug/l #	80
39) Methylcyclohexane	9.600	83	3305	0.937	ug/l #	78
40) Benzene	8.612	78	8831	0.920	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	2076	0.980	ug/l #	73
42) 1,2-Dichloroethane	8.671	62	3842	1.041	ug/l #	73
43) Isopropyl Acetate	8.689	43	6184	0.969	ug/l #	86
44) Trichloroethene	9.359	130	2068	0.949	ug/l	94
45) 1,2-Dichloropropane	9.624	63	2631	1.063	ug/l	94
46) Dibromomethane	9.712	93	1596	0.982	ug/l #	64
47) Bromodichloromethane	9.883	83	3421	0.997	ug/l #	79
48) Methyl methacrylate	9.683	41	2716	0.893	ug/l #	79
49) 1,4-Dioxane	9.700	88	957	22.465	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	16289	4.494	ug/l #	83
52) Toluene	10.636	92	5190	0.901	ug/l	88
53) t-1,3-Dichloropropene	10.841	75	2857	0.805	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	3338	0.889	ug/l #	82
55) 1,1,2-Trichloroethane	11.024	97	2268	1.084	ug/l #	66
56) Ethyl methacrylate	10.877	69	2887	0.813	ug/l #	60
57) 1,3-Dichloropropane	11.165	76	3444	0.880	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	7685	4.194	ug/l	95
59) 2-Hexanone	11.194	43	11716	4.414	ug/l	88
60) Dibromochloromethane	11.365	129	2109	0.913	ug/l	96
61) 1,2-Dibromoethane	11.465	107	1823	0.848	ug/l	99
64) Tetrachloroethene	11.106	164	1973	0.975	ug/l #	82
65) Chlorobenzene	11.894	112	6082	1.009	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	1854	0.934	ug/l #	66
67) Ethyl Benzene	11.965	91	9375	0.869	ug/l	99
68) m/p-Xylenes	12.065	106	7159	1.811	ug/l	96
69) o-Xylene	12.400	106	3039	0.794	ug/l	79
70) Styrene	12.412	104	5187	0.816	ug/l	98
71) Bromoform	12.577	173	1320	0.925	ug/l #	83
73) Isopropylbenzene	12.694	105	7830	0.907	ug/l	98
74) N-amyl acetate	12.494	43	4356	0.918	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.935	83	2575	1.035	ug/l #	96
76) 1,2,3-Trichloropropane	12.994	75	2418m	1.057	ug/l	
77) Bromobenzene	12.988	156	2278	1.108	ug/l	92
78) n-propylbenzene	13.041	91	9495	0.929	ug/l	97
79) 2-Chlorotoluene	13.130	91	6667	1.039	ug/l	88
80) 1,3,5-Trimethylbenzene	13.177	105	6877	0.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	592m	0.606	ug/l	
82) 4-Chlorotoluene	13.224	91	6146	0.979	ug/l	91
83) tert-Butylbenzene	13.435	119	5394	0.883	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	5918	0.829	ug/l	100
85) sec-Butylbenzene	13.618	105	7168	0.847	ug/l	98
86) p-Isopropyltoluene	13.730	119	5543	0.806	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	3646	0.978	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	3791m	0.997	ug/l	
89) n-Butylbenzene	14.059	91	5293	0.856	ug/l	95
90) Hexachloroethane	14.341	117	1094	0.859	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	3464	0.982	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	458	0.896	ug/l	82
93) 1,2,4-Trichlorobenzene	15.388	180	1936	0.979	ug/l	80
94) Hexachlorobutadiene	15.494	225	699	0.806	ug/l	88
95) Naphthalene	15.641	128	4786	0.772	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1525	0.770	ug/l	92

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Quant Title : SW846 8260
QLast Update : Thu May 16 06:08:03 2024
Response via : Initial Calibration

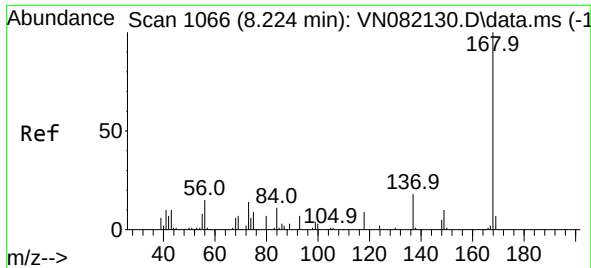
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Manual Integrations
APPROVED

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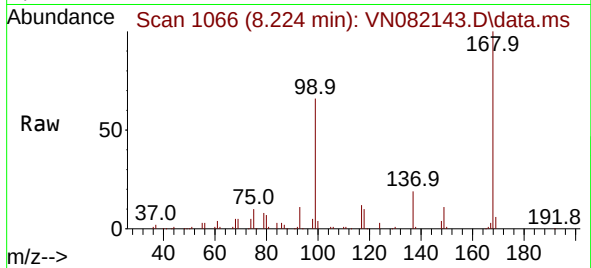
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN082143.D
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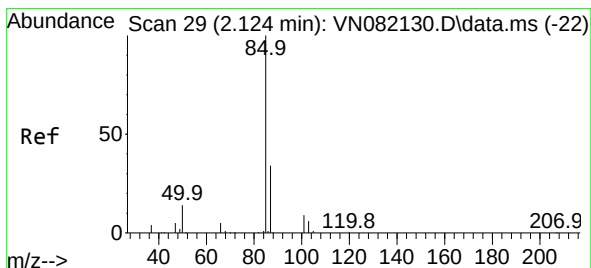
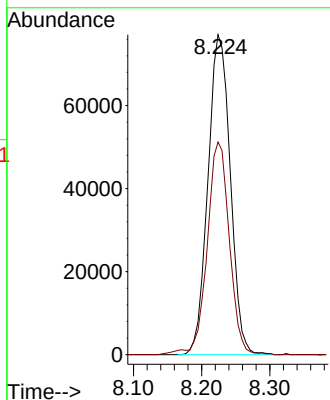
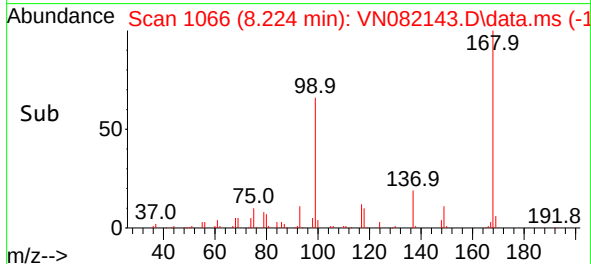
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 175824
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4

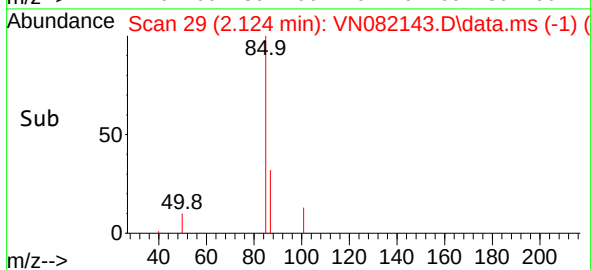
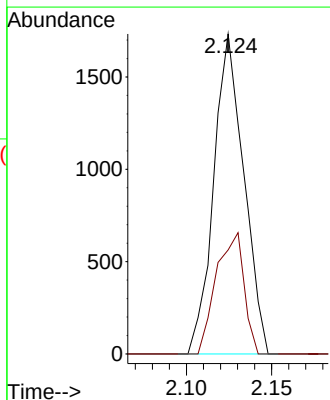
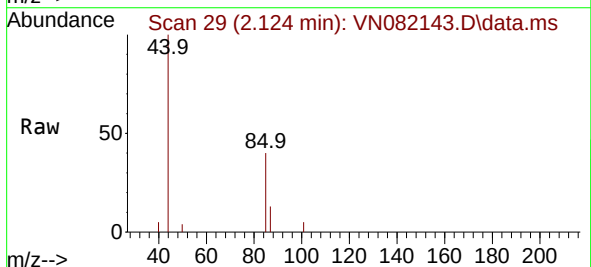
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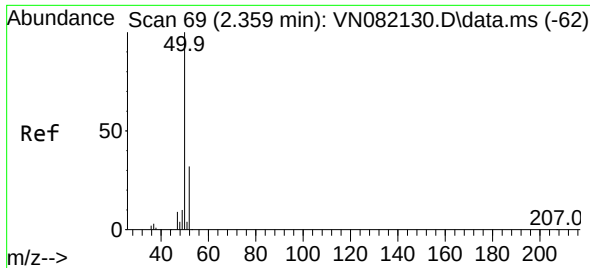
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 0.839 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

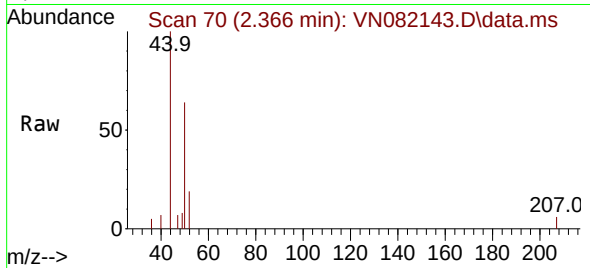
Tgt Ion: 85 Resp: 2127
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.4





#3
Chloromethane
Concen: 1.118 ug/l
RT: 2.366 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

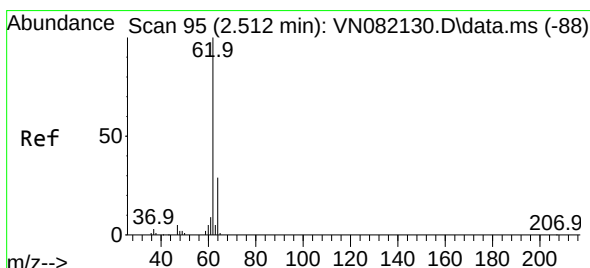
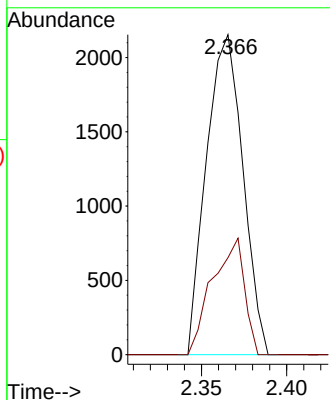
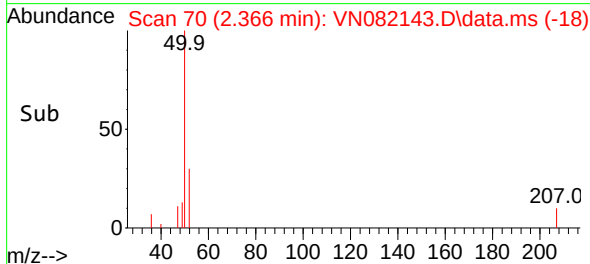
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LOQ-WATER-02-QT2-2024



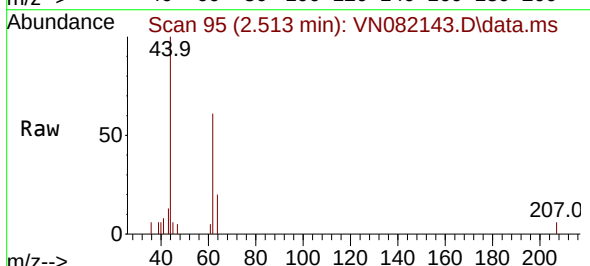
Tgt Ion: 50 Resp: 321
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

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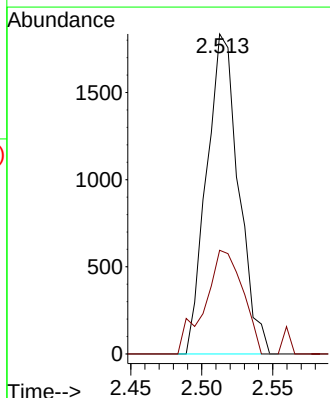
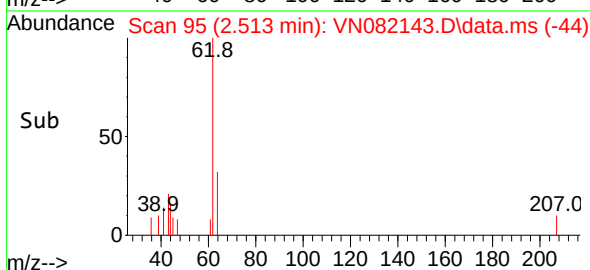
Reviewed By :John Carlone 05/16/2024
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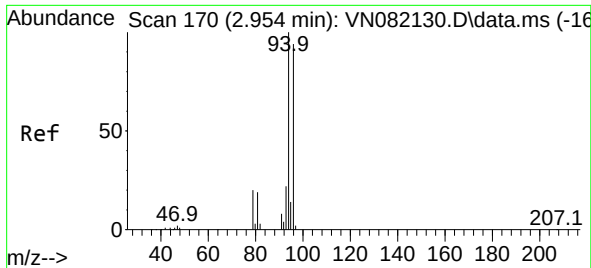


#4
Vinyl Chloride
Concen: 1.068 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



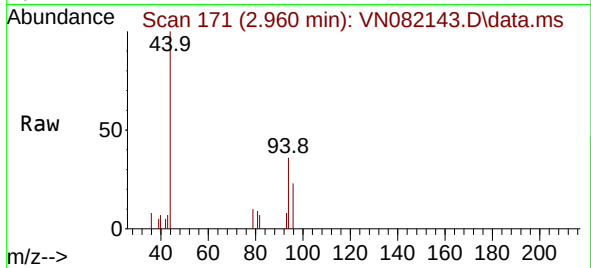
Tgt Ion: 62 Resp: 2885
Ion Ratio Lower Upper
62 100
64 32.4 24.6 37.0





#5
Bromomethane
Concen: 1.493 ug/l
RT: 2.960 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

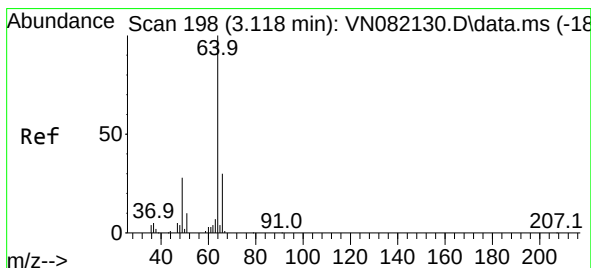
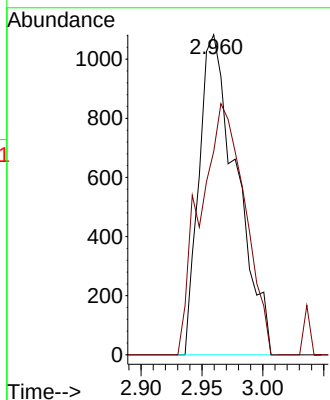
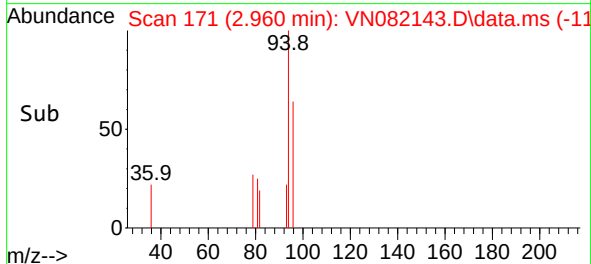
Instrument :
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Tgt Ion: 94 Resp: 2318
Ion Ratio Lower Upper
94 100
96 63.5 74.8 112.2

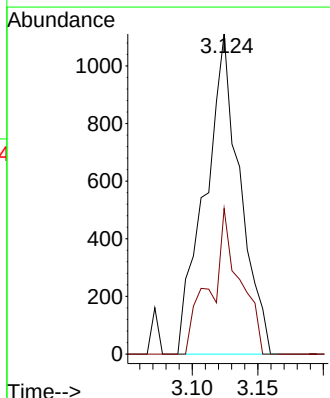
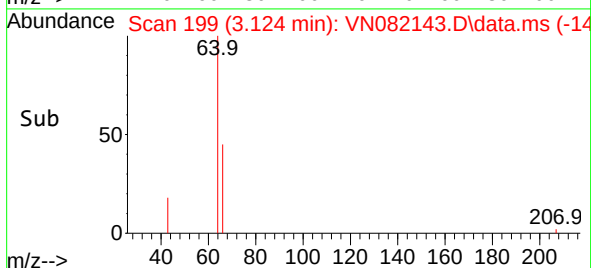
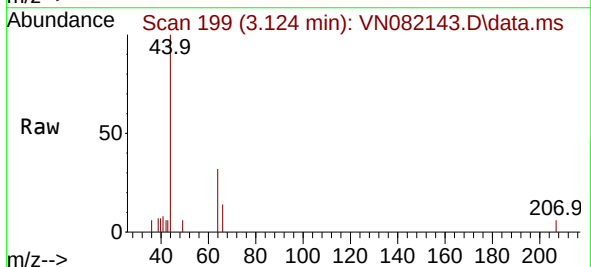
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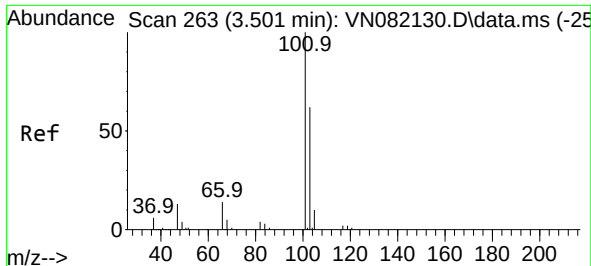
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#6
Chloroethane
Concen: 1.168 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

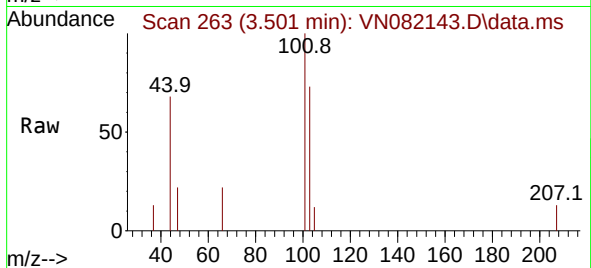
Tgt Ion: 64 Resp: 2059
Ion Ratio Lower Upper
64 100
66 45.5 24.7 37.1





#7
Trichlorofluoromethane
Concen: 0.996 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082143.D
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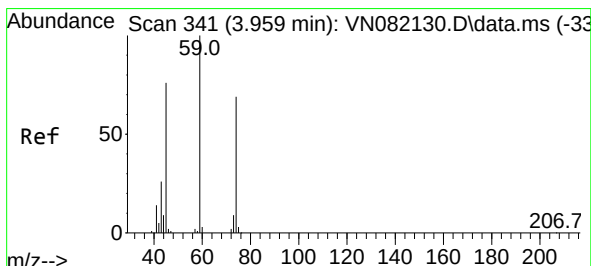
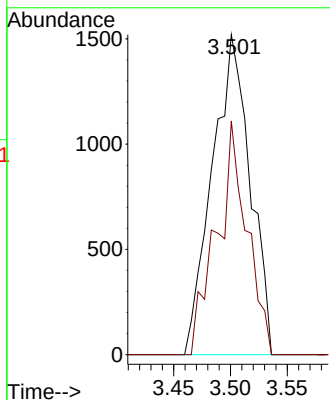
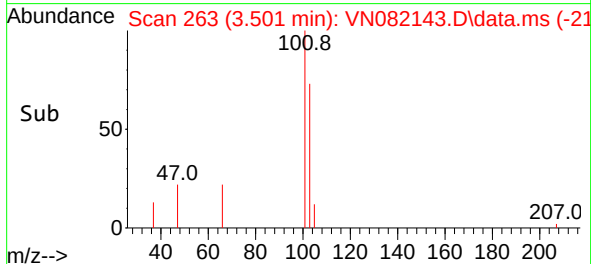
Instrument :
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LOQ-WATER-02-QT2-2024



Tgt Ion: 101 Resp: 3524
Ion Ratio Lower Upper
101 100
103 73.0 50.6 75.8

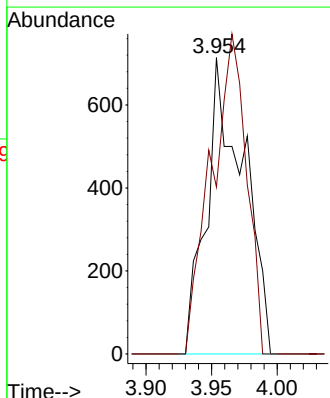
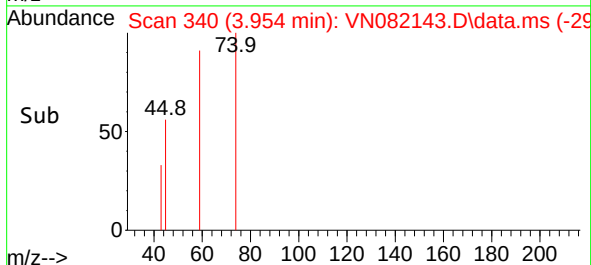
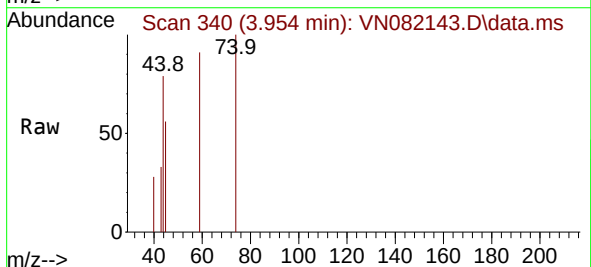
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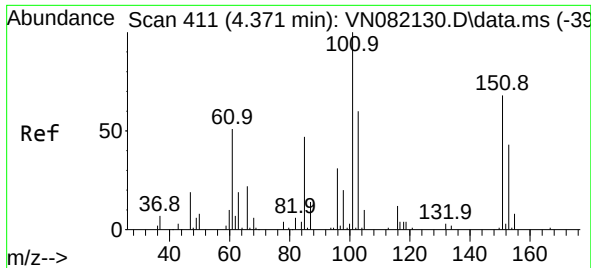
Reviewed By :John Carlone 05/16/2024
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#8
Diethyl Ether
Concen: 1.114 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 1403
Ion Ratio Lower Upper
74 100
45 102.9 42.4 127.3





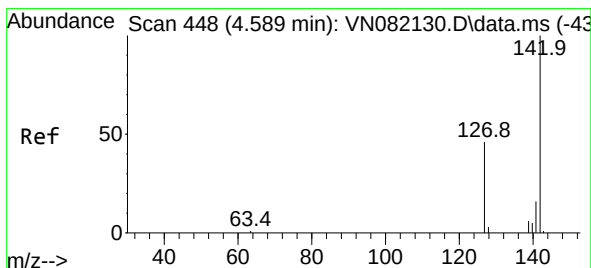
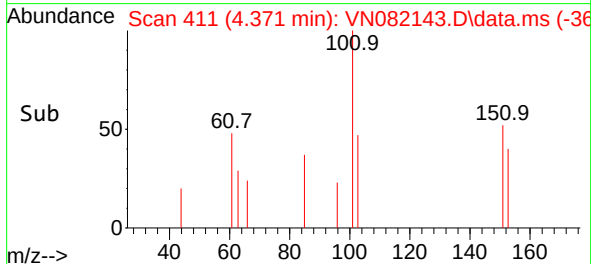
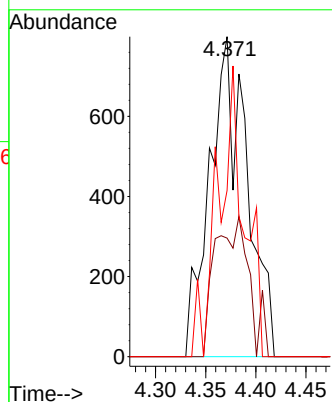
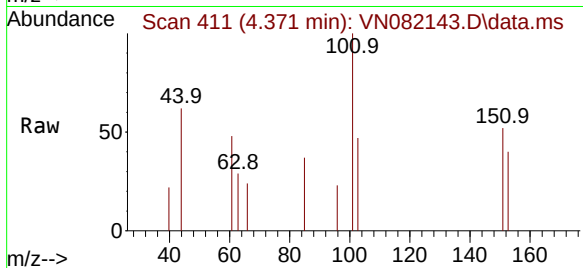
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.005 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

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

Tgt Ion:101 Resp: 2070
Ion Ratio Lower Upper
101 100
85 39.7 37.3 55.9
151 63.1 59.2 88.8

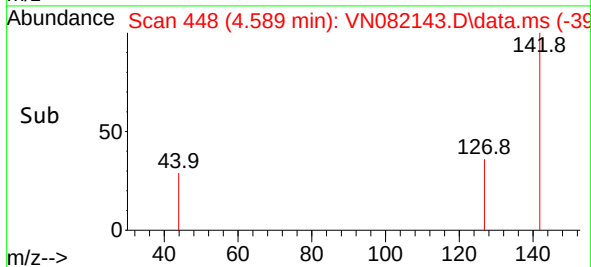
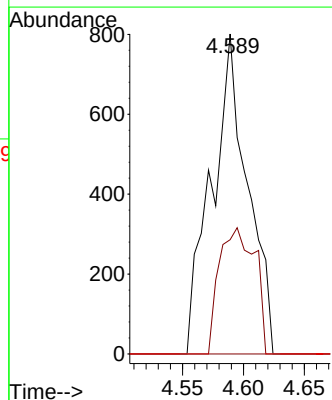
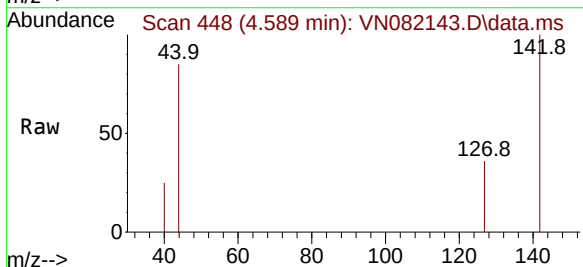
Manual Integrations
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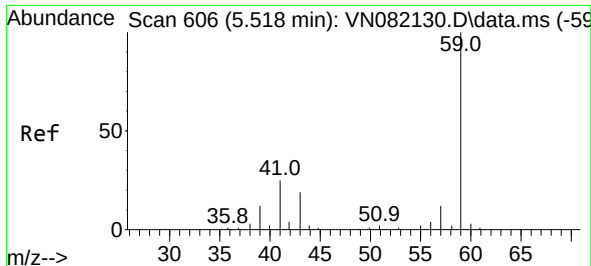
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
Methyl Iodide
Concen: 0.794 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

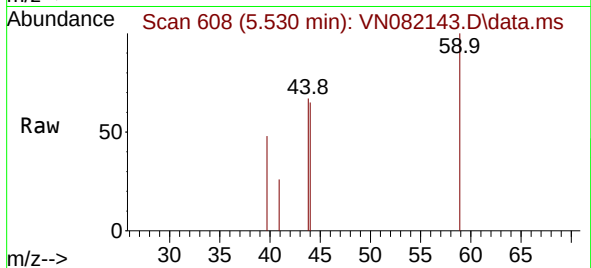
Tgt Ion:142 Resp: 1649
Ion Ratio Lower Upper
142 100
127 35.7 35.8 53.6#
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 5.253 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

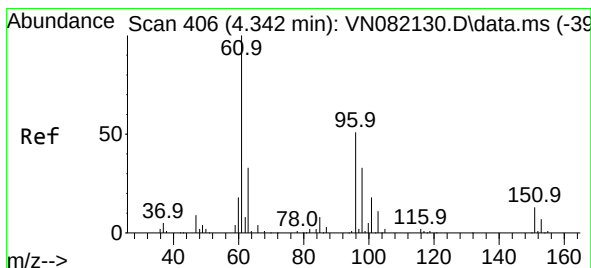
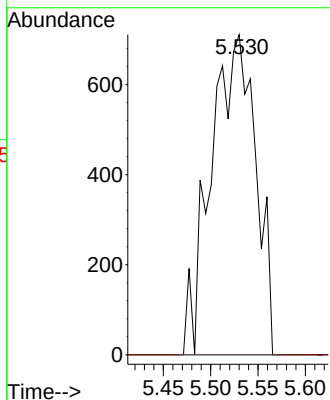
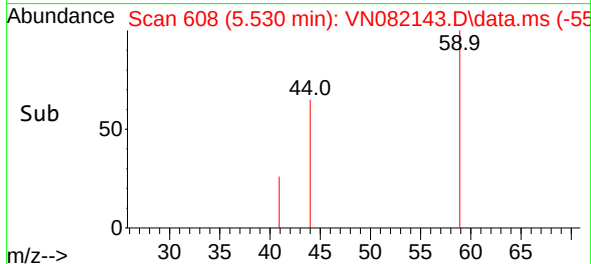
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



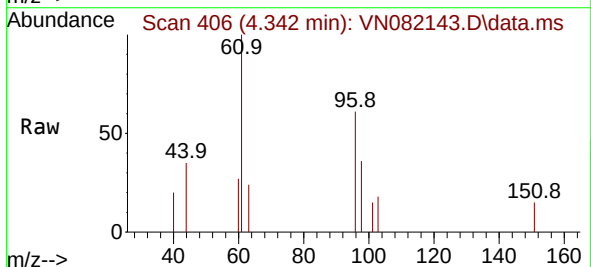
Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

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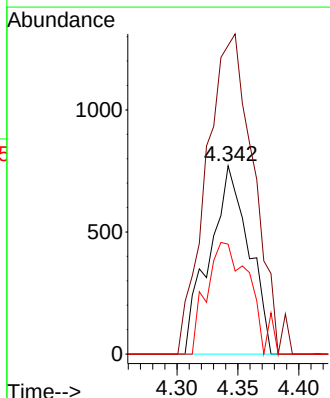
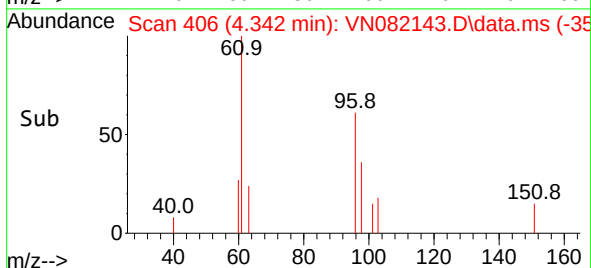
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

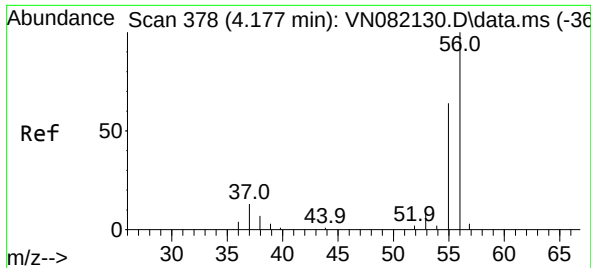


#12
1,1-Dichloroethene
Concen: 0.904 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



Tgt Ion: 96 Resp: 1735
Ion Ratio Lower Upper
96 100
61 163.9 119.7 179.5
98 58.4 49.6 74.4





#13

Acrolein

Concen: 4.315 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

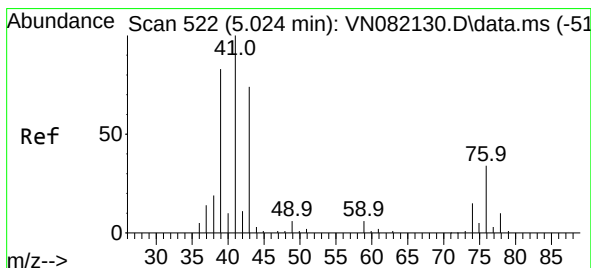
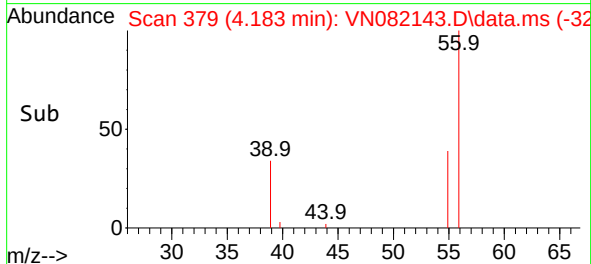
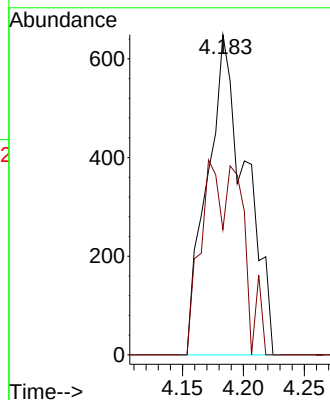
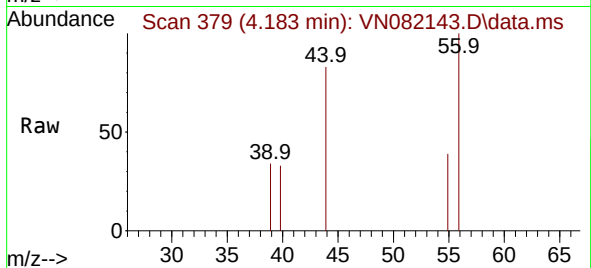
55 35.0 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#14

Allyl chloride

Concen: 0.926 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

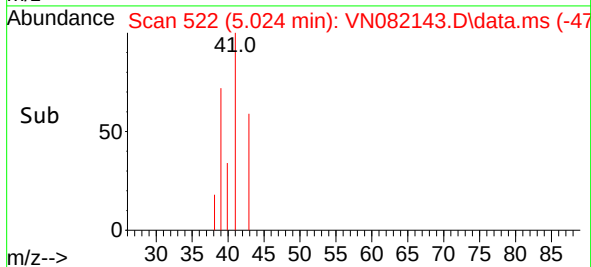
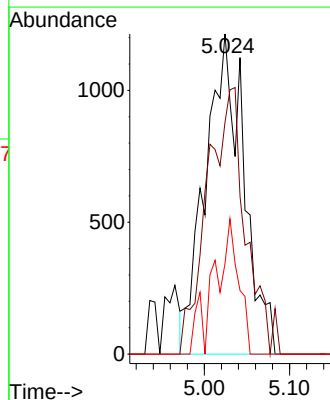
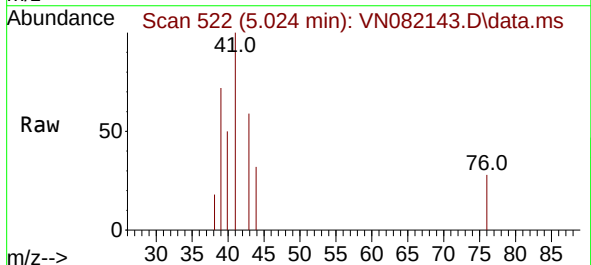
Tgt Ion: 41 Resp: 3806

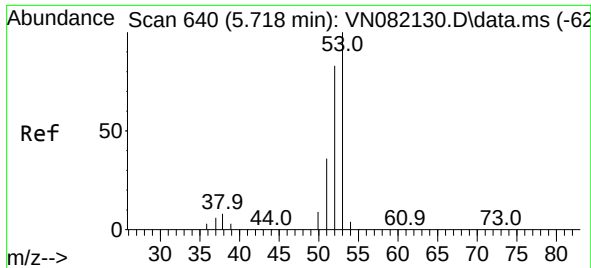
Ion Ratio Lower Upper

41 100

39 83.5 65.4 98.0

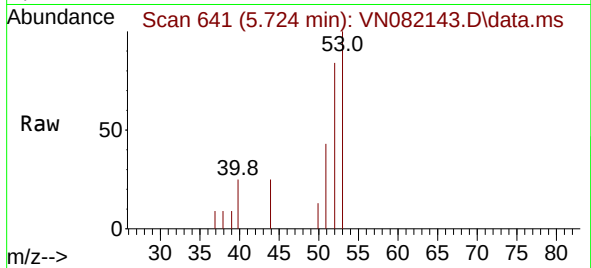
76 23.6 37.3 55.9





#15
Acrylonitrile
Concen: 5.014 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

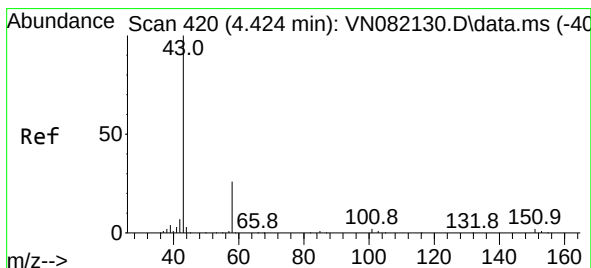
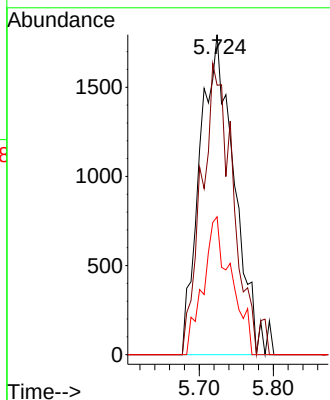
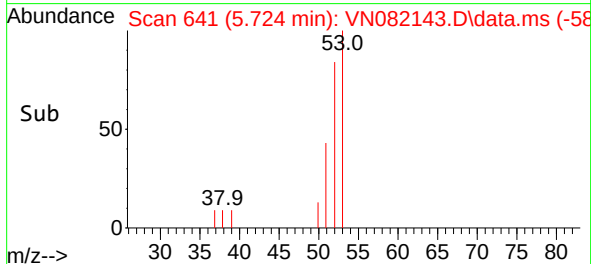
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 53 Resp: 578
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 35.1 29.4 44.2

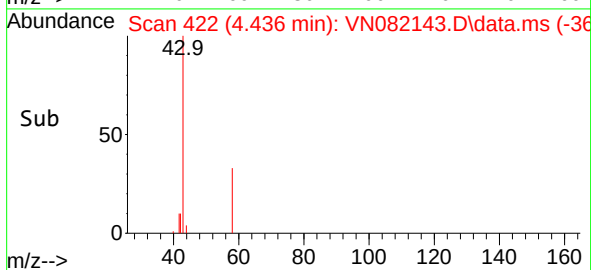
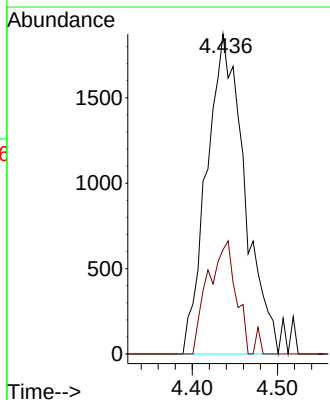
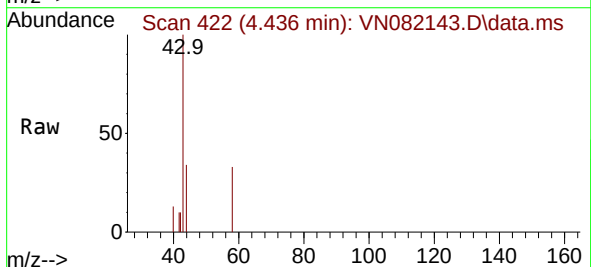
Manual Integrations
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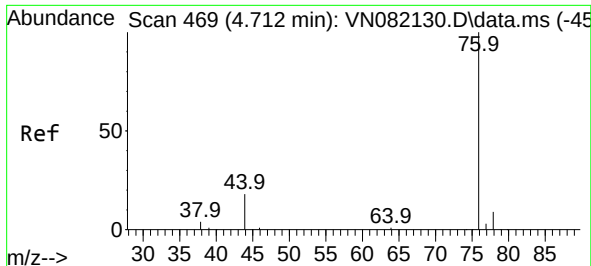
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#16
Acetone
Concen: 5.079 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

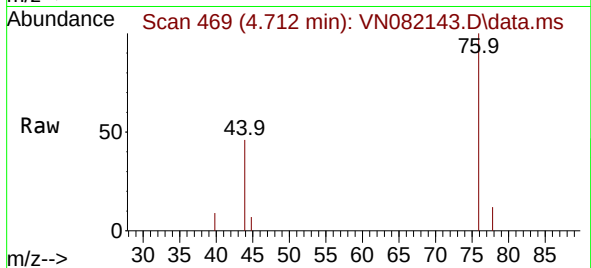
Tgt Ion: 43 Resp: 5784
Ion Ratio Lower Upper
43 100
58 32.6 25.2 37.8





#17
Carbon Disulfide
Concen: 0.992 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

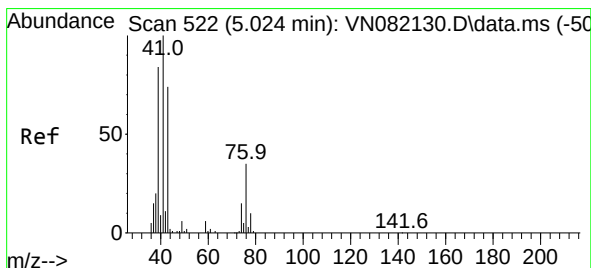
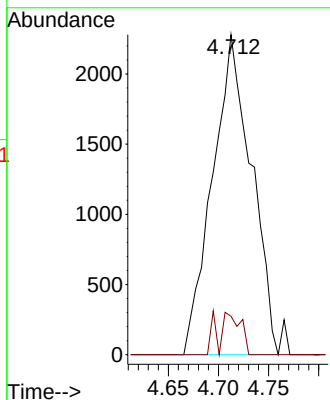
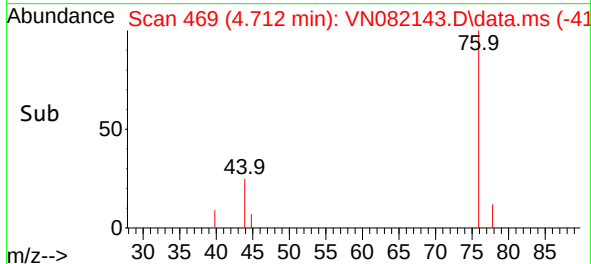
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 76 Resp: 615
Ion Ratio Lower Upper
76 100
78 12.0 7.5 11.3

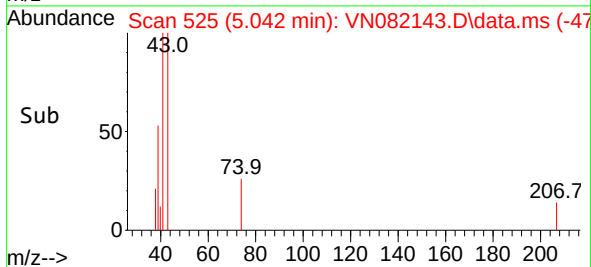
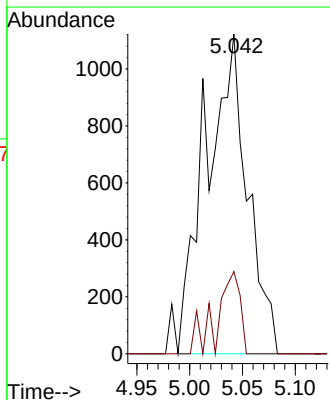
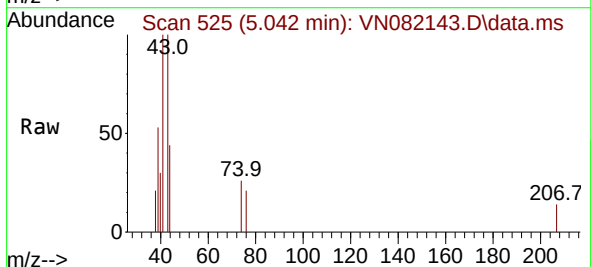
Manual Integrations
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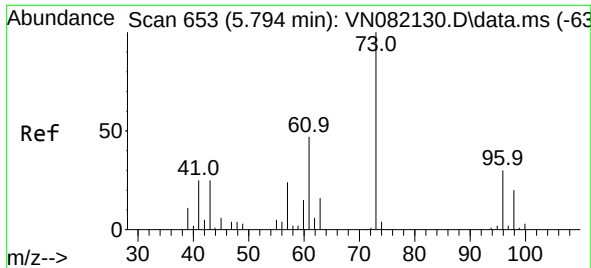
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#18
Methyl Acetate
Concen: 1.084 ug/l m
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

Tgt Ion: 43 Resp: 3074
Ion Ratio Lower Upper
43 100
74 1.7 22.2 33.2





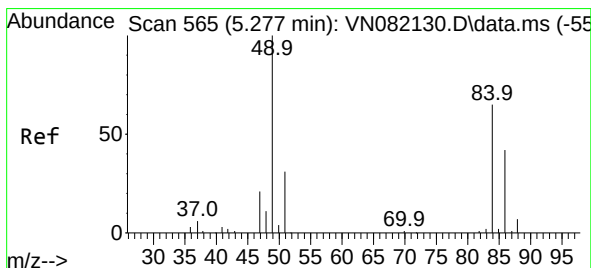
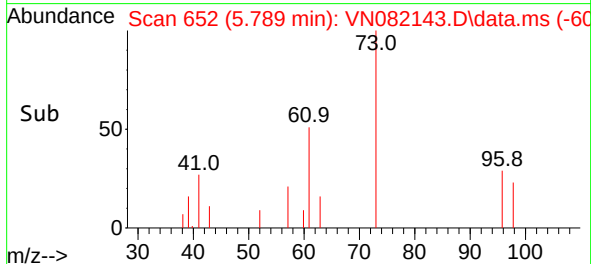
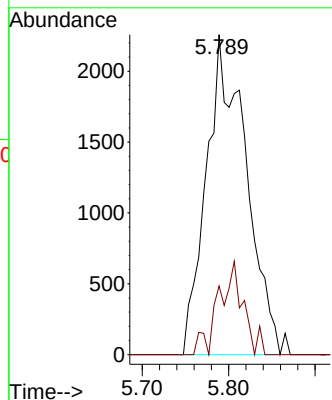
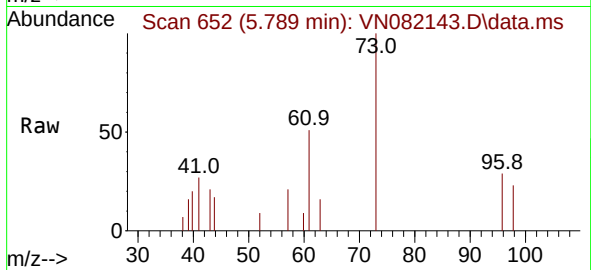
#19
Methyl tert-butyl Ether
Concen: 1.022 ug/l m
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

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

Tgt Ion: 73 Resp: 717
Ion Ratio Lower Upper
73 100
57 21.4 16.5 24.7

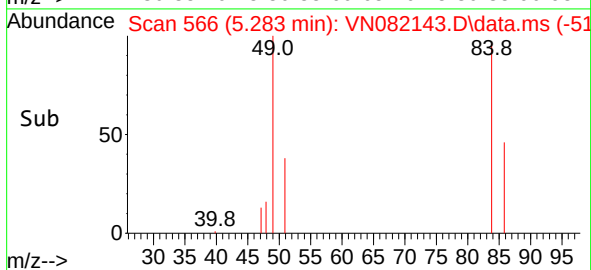
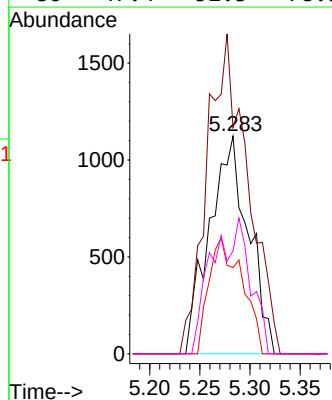
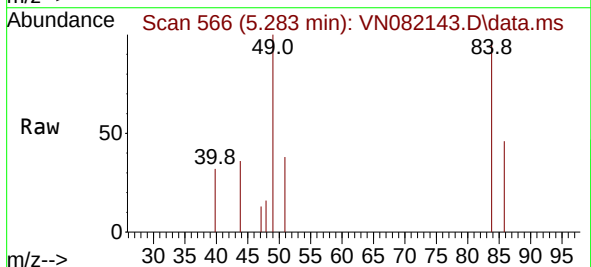
Manual Integrations
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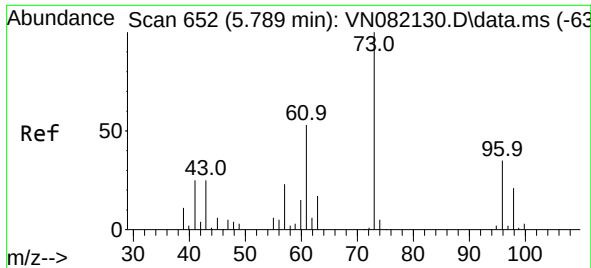
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Methylene Chloride
Concen: 1.319 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

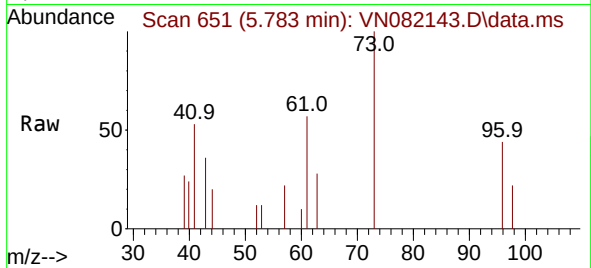
Tgt Ion: 84 Resp: 3030
Ion Ratio Lower Upper
84 100
49 103.9 84.9 127.3
51 39.6 27.0 40.6
86 47.4 52.3 78.5#





#21
trans-1,2-Dichloroethene
Concen: 1.019 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

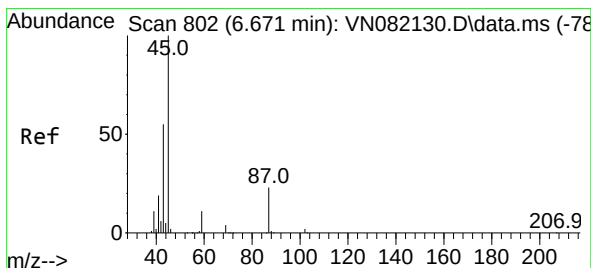
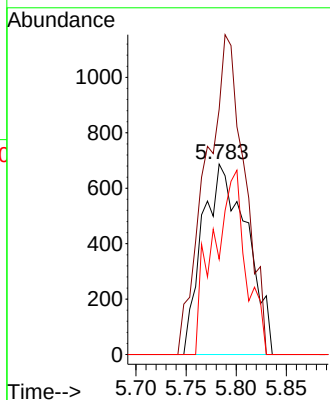
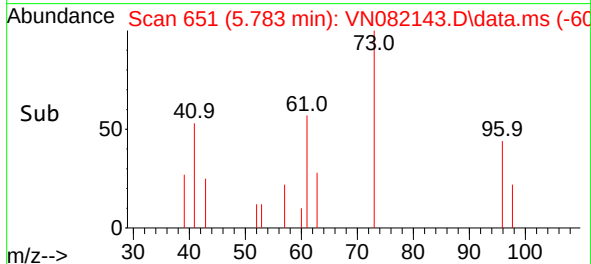
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



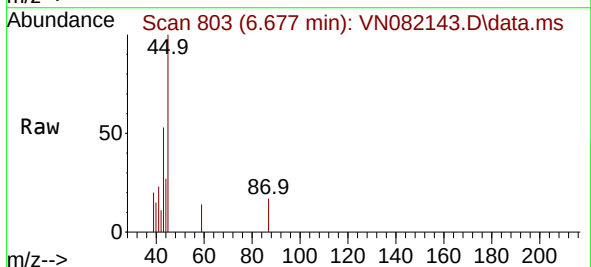
Tgt Ion: 96 Resp: 213
Ion Ratio Lower Upper
96 100
61 128.8 96.5 144.7
98 50.1 51.3 76.9

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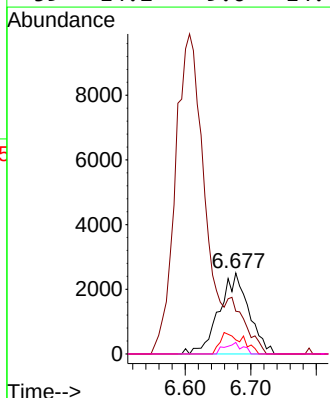
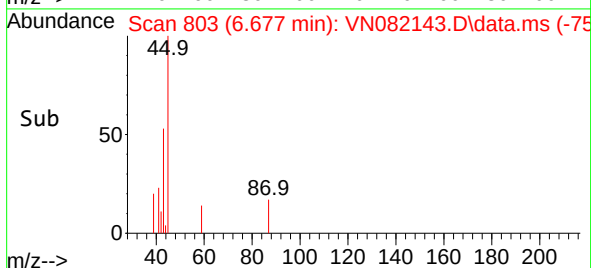
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

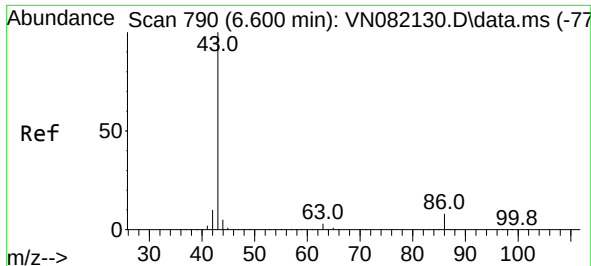


#22
Diisopropyl ether
Concen: 0.914 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



Tgt Ion: 45 Resp: 7850
Ion Ratio Lower Upper
45 100
43 52.8 44.1 66.1
87 17.4 27.0 40.6
59 14.2 9.6 14.4





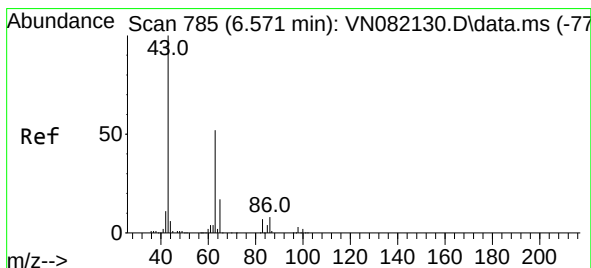
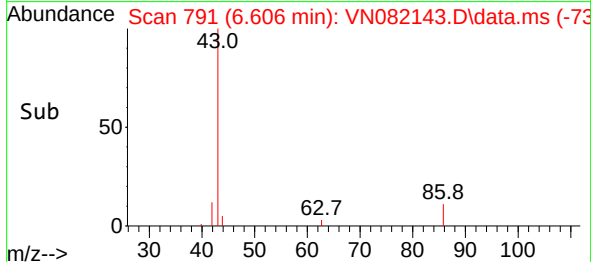
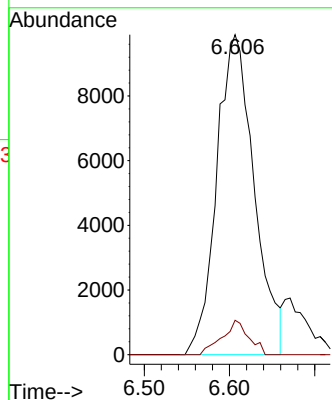
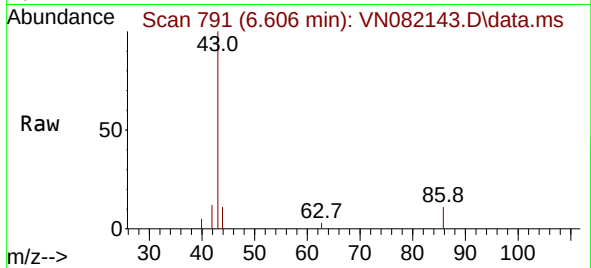
#23
 Vinyl Acetate
 Concen: 4.478 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082143.D
 Acq: 15 May 2024 20:02

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

Tgt Ion: 43 Resp: 30310
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.2 15.4

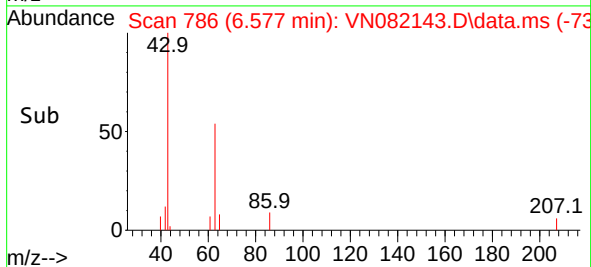
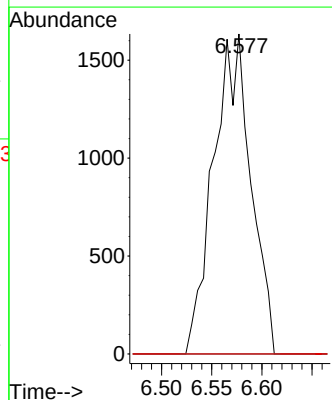
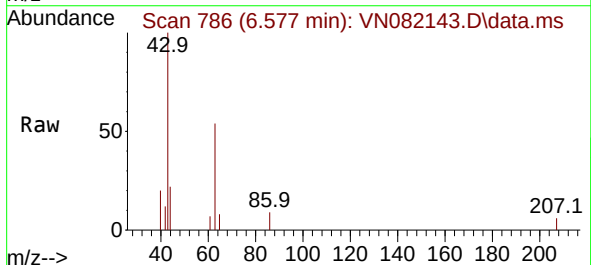
Manual Integrations
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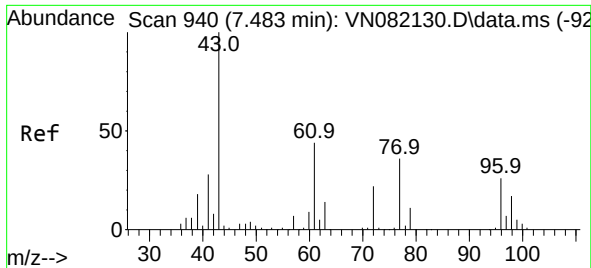
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#24
 1,1-Dichloroethane
 Concen: 0.959 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN082143.D
 Acq: 15 May 2024 20:02

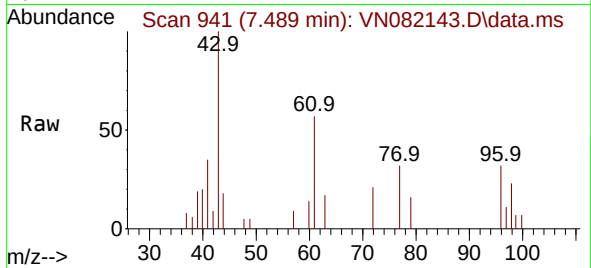
Tgt Ion: 63 Resp: 4244
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.6 7.8#





#25
2-Butanone
Concen: 4.679 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

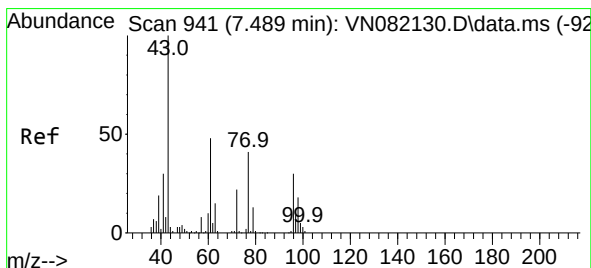
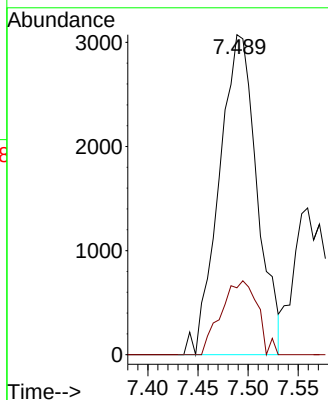
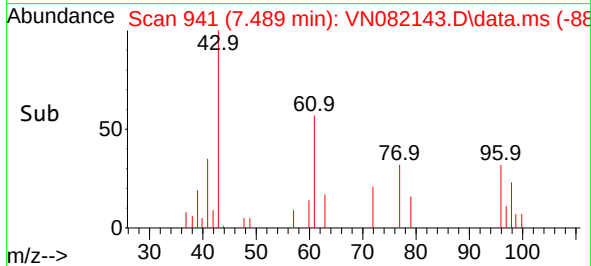
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 8080
Ion Ratio Lower Upper
43 100
72 20.9 25.3 37.9

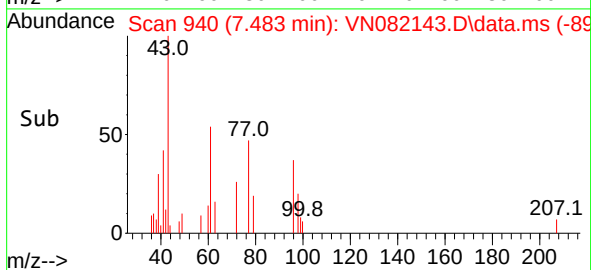
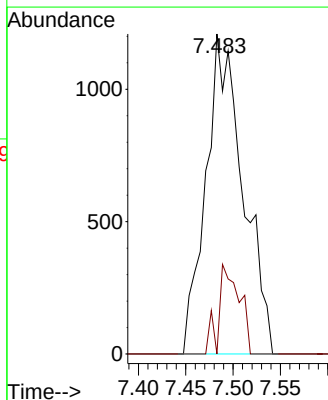
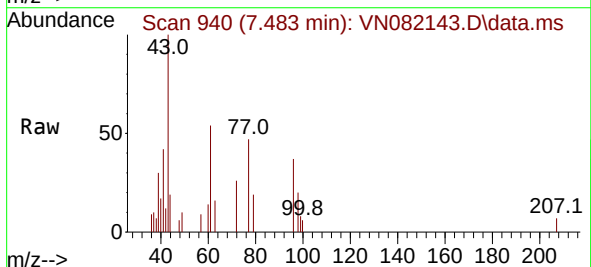
Manual Integrations
APPROVED

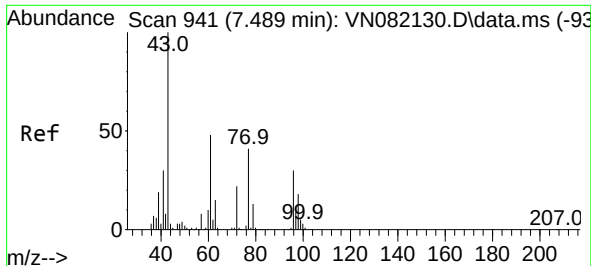
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
2,2-Dichloropropane
Concen: 0.891 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

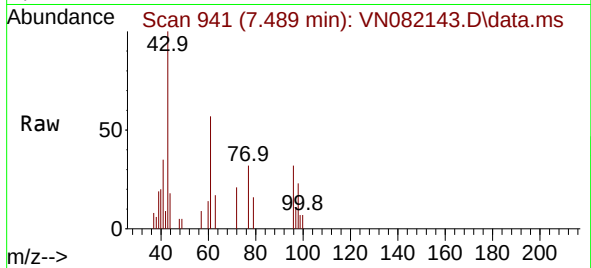
Tgt Ion: 77 Resp: 3303
Ion Ratio Lower Upper
77 100
97 15.7 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 0.954 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082143.D
 Acq: 15 May 2024 20:02

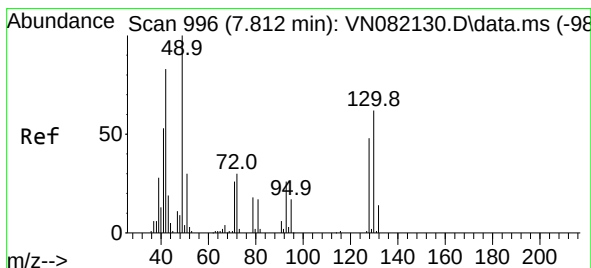
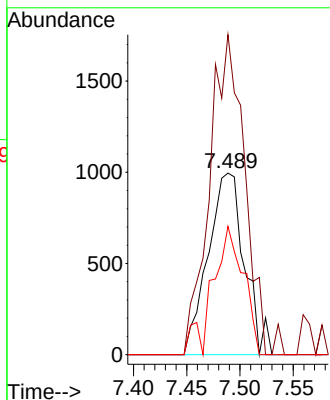
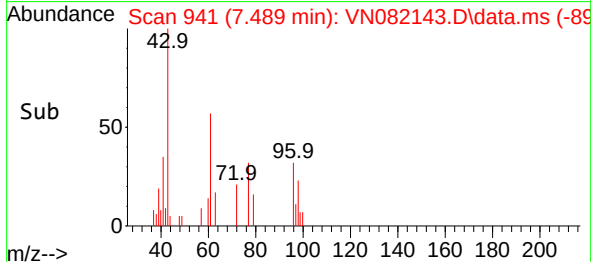
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion: 96 Resp: 235
 Ion Ratio Lower Upper
 96 100
 61 169.9 0.0 268.0
 98 60.3 0.0 126.8

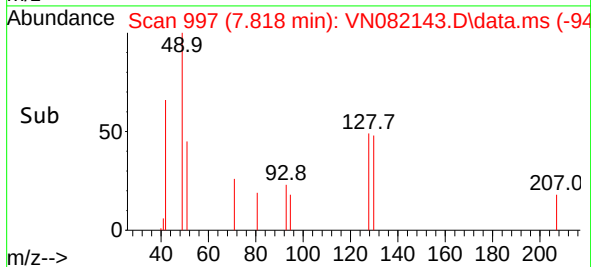
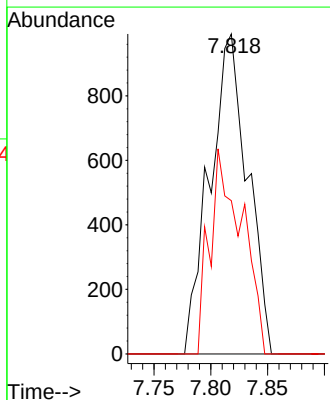
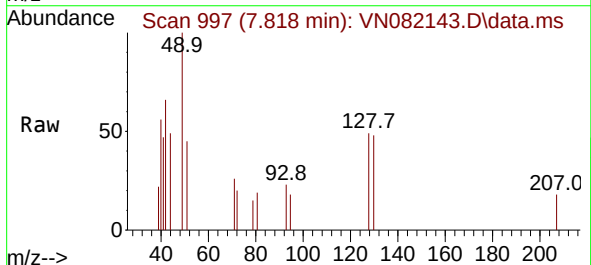
Manual Integrations
 APPROVED

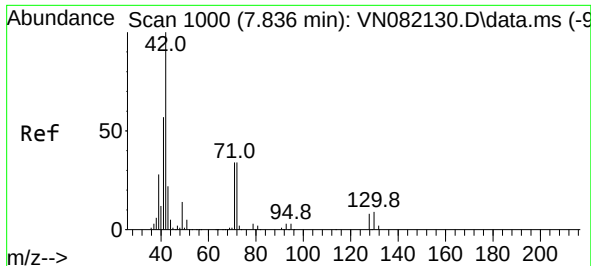
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#28
 Bromochloromethane
 Concen: 1.118 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082143.D
 Acq: 15 May 2024 20:02

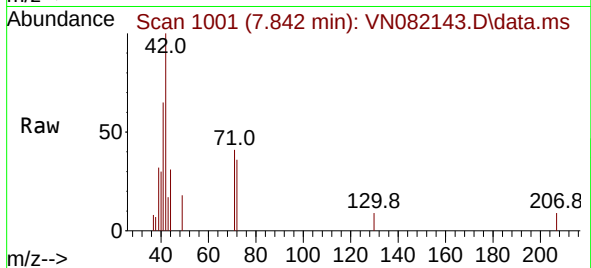
Tgt Ion: 49 Resp: 2306
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 54.5 66.7 100.1#





#29
Tetrahydrofuran
Concen: 4.983 ug/l
RT: 7.842 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

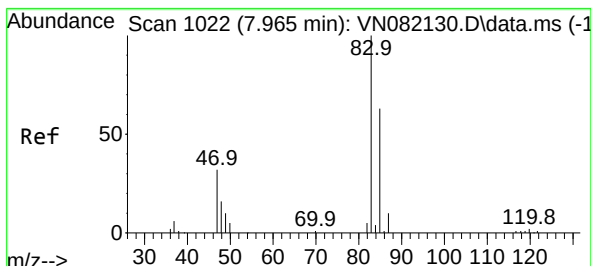
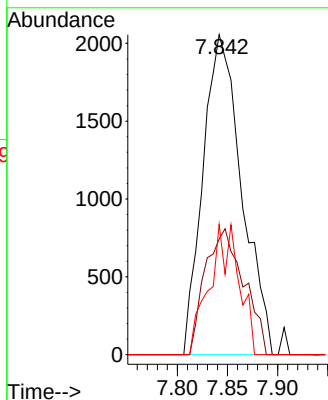
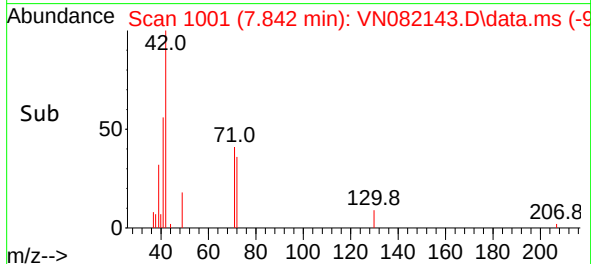
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 42 Resp: 552
Ion Ratio Lower Upper
42 100
72 39.2 39.3 58.9
71 31.1 37.4 56.0

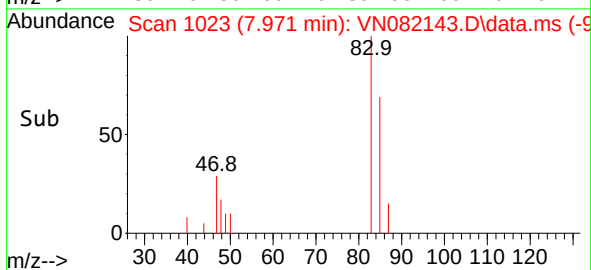
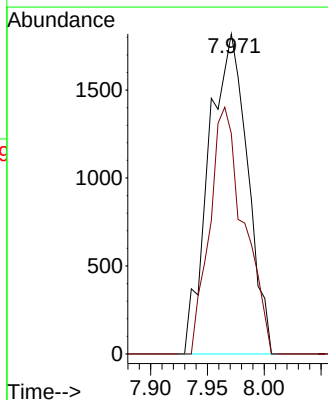
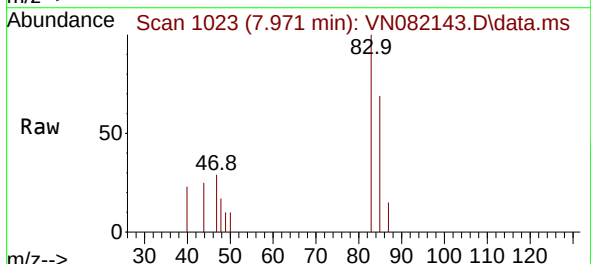
Manual Integrations
APPROVED

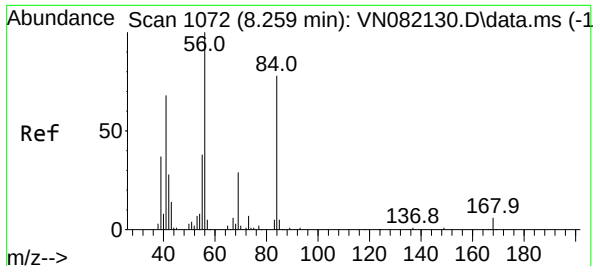
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#30
Chloroform
Concen: 1.022 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

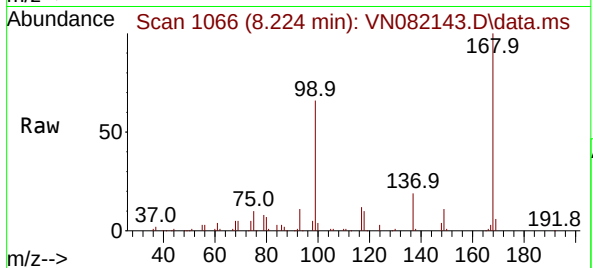
Tgt Ion: 83 Resp: 4317
Ion Ratio Lower Upper
83 100
85 68.8 50.7 76.1





#31
Cyclohexane
Concen: 2.031 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

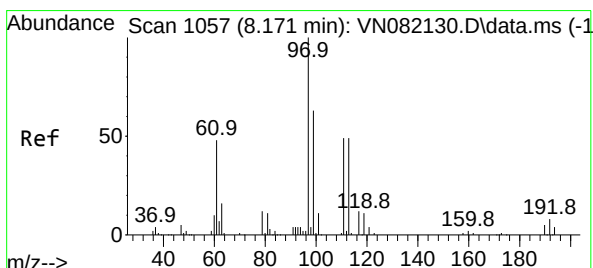
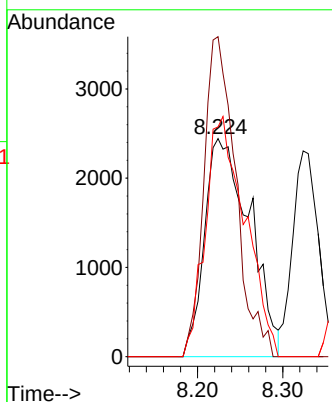
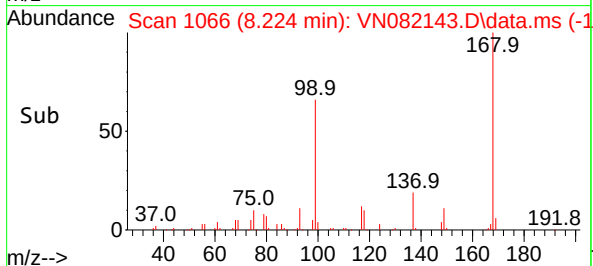
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 56 Resp: 9000
Ion Ratio Lower Upper
56 100
69 146.7 24.4 36.6
84 105.4 77.0 115.4

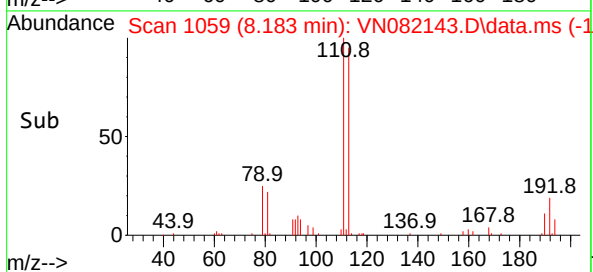
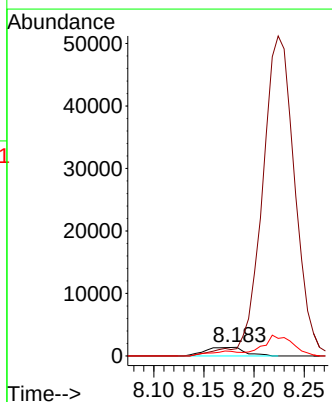
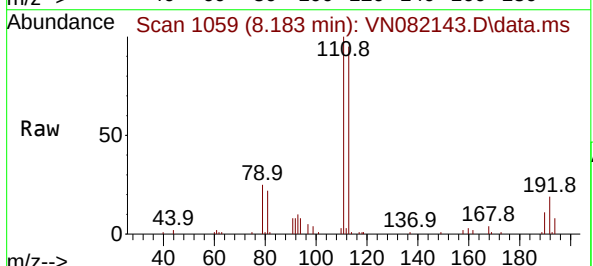
Manual Integrations
APPROVED

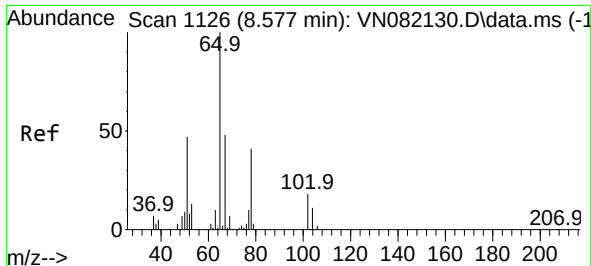
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#32
1,1,1-Trichloroethane
Concen: 1.020 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

Tgt Ion: 97 Resp: 3823
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 44.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.660 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 65 Resp: 14620

Ion Ratio Lower Upper

65 100

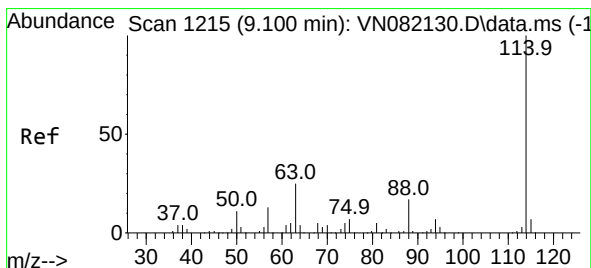
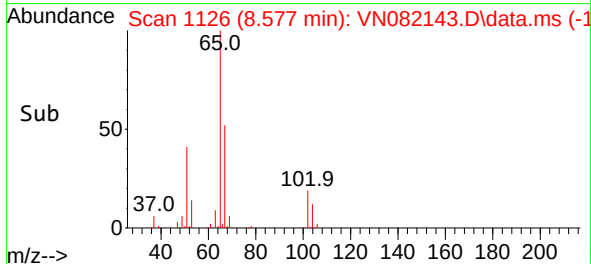
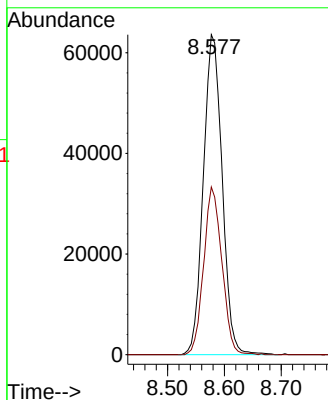
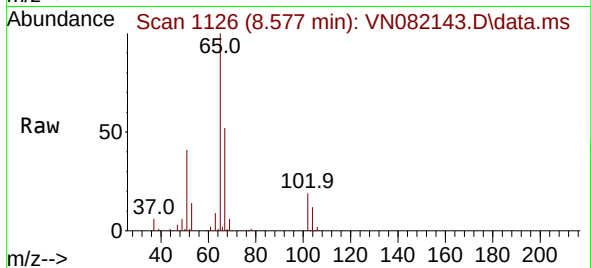
67 50.7 0.0 103.0

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: VN082143.D

Acq: 15 May 2024 20:02

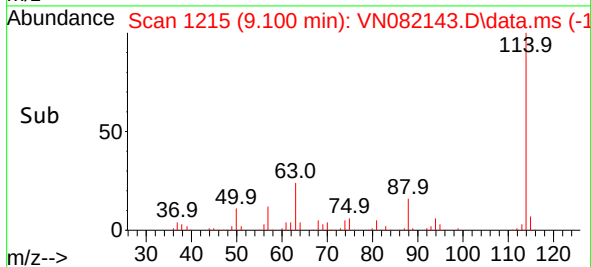
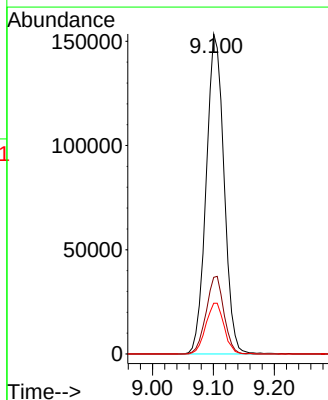
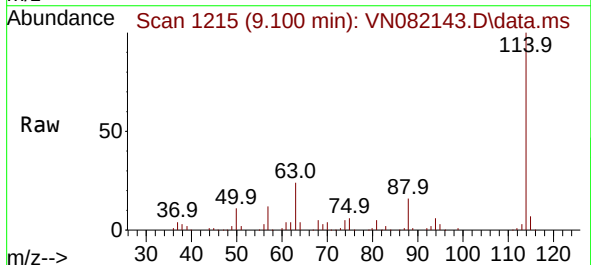
Tgt Ion:114 Resp: 311841

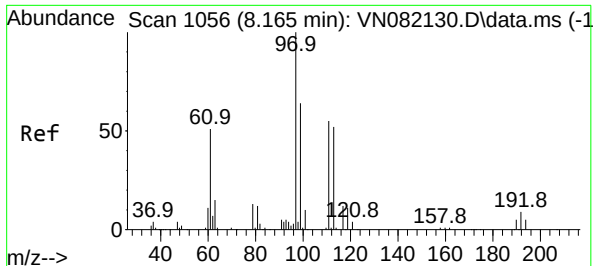
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

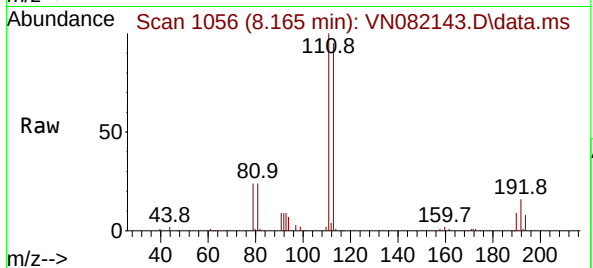
88 15.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.185 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

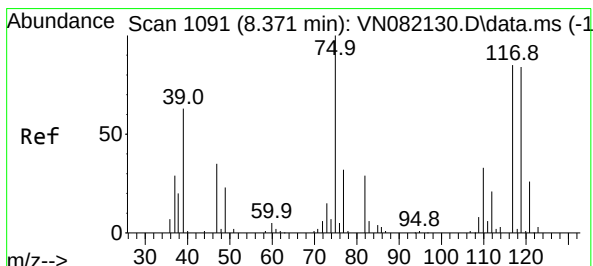
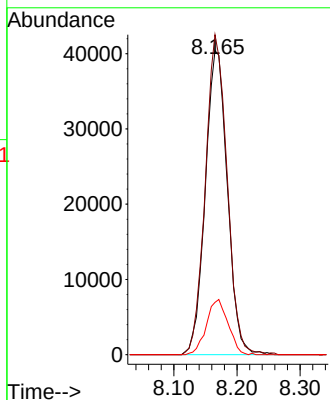
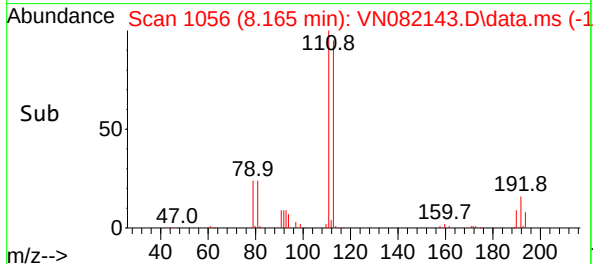
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 113 Resp: 98189
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 17.8 14.0 21.0

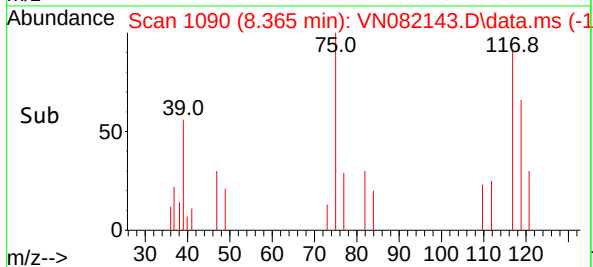
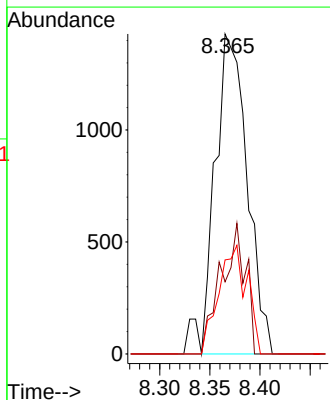
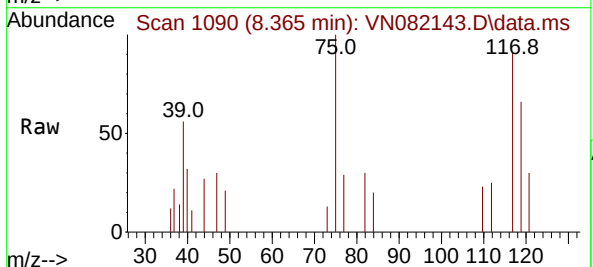
Manual Integrations
APPROVED

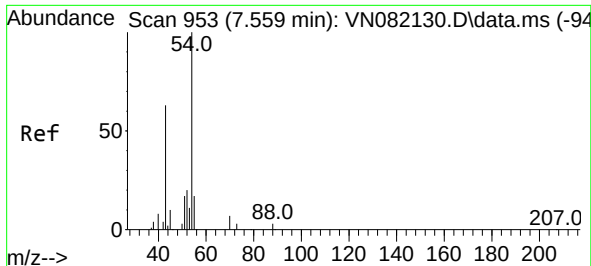
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#36
1,1-Dichloropropene
Concen: 1.004 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

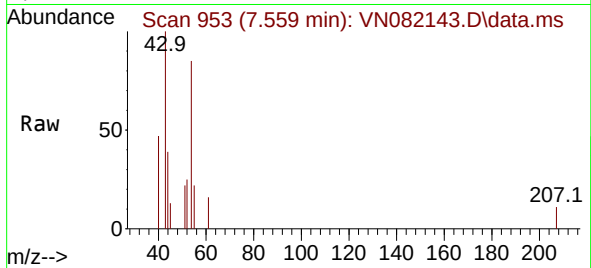
Tgt Ion: 75 Resp: 3231
Ion Ratio Lower Upper
75 100
110 30.5 17.8 53.5
77 29.6 25.0 37.4





#37
Ethyl Acetate
Concen: 1.022 ug/l m
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

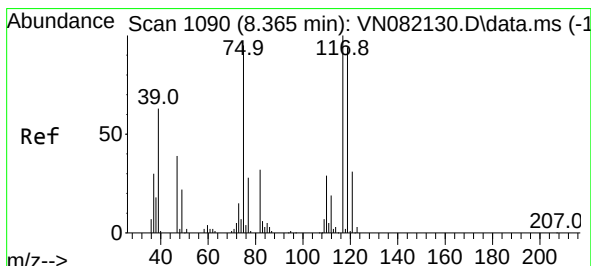
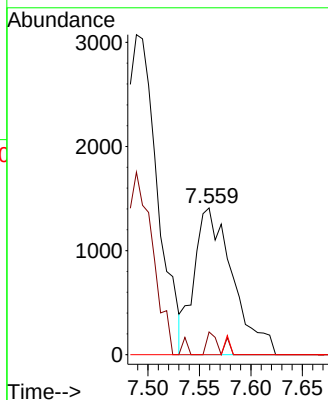
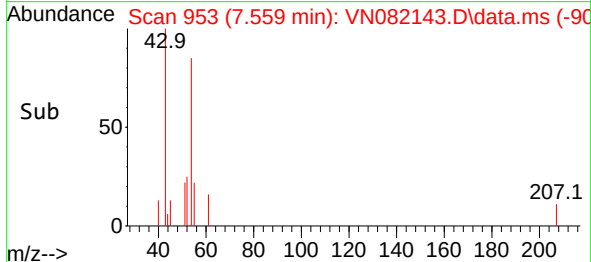
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
61 5.3 11.3 16.9
70 1.8 8.7 13.1

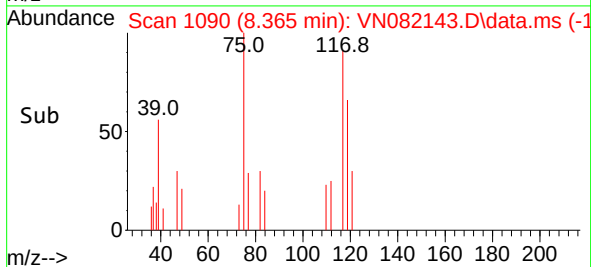
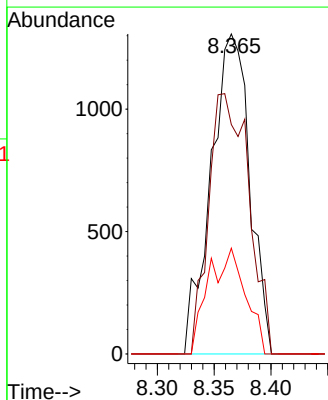
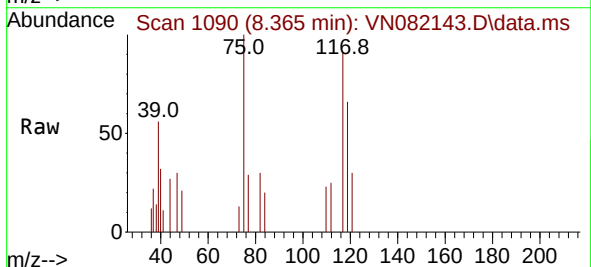
Manual Integrations
APPROVED

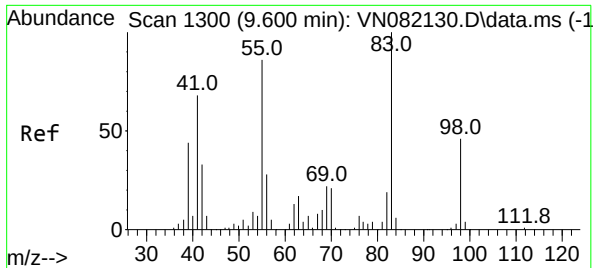
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Carbon Tetrachloride
Concen: 0.949 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

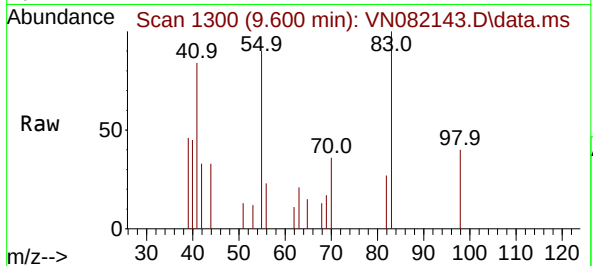
Tgt Ion:117 Resp: 3096
Ion Ratio Lower Upper
117 100
119 71.7 76.5 114.7#
121 33.1 23.9 35.9





#39
Methylcyclohexane
Concen: 0.937 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

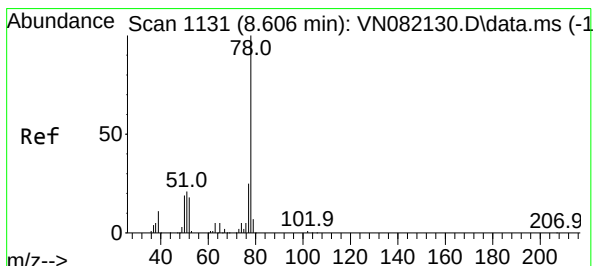
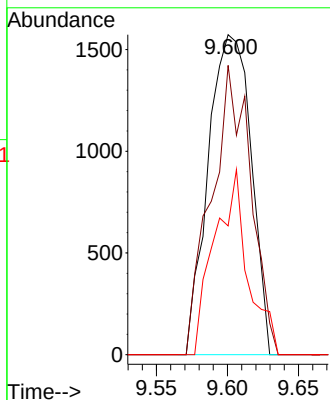
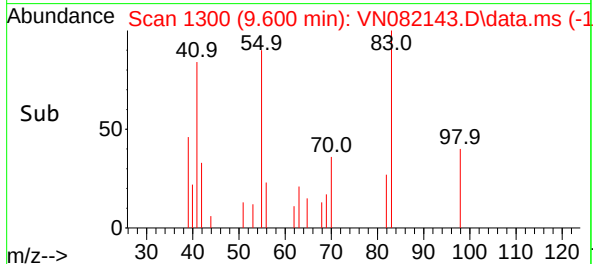
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 83 Resp: 3308
Ion Ratio Lower Upper
83 100
55 90.4 53.0 79.6
98 40.2 37.1 55.7

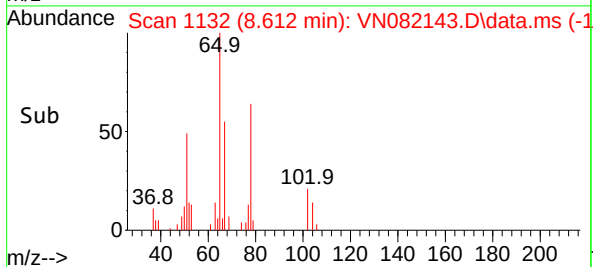
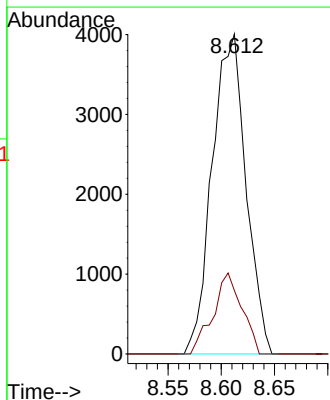
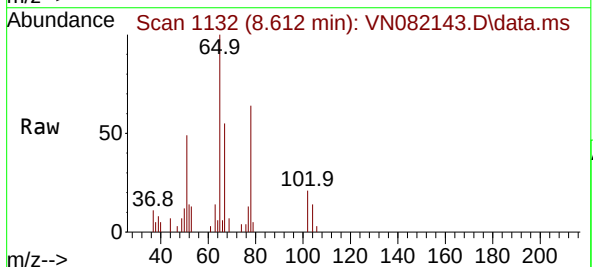
Manual Integrations
APPROVED

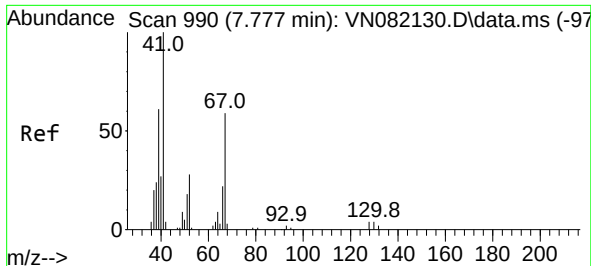
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#40
Benzene
Concen: 0.920 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

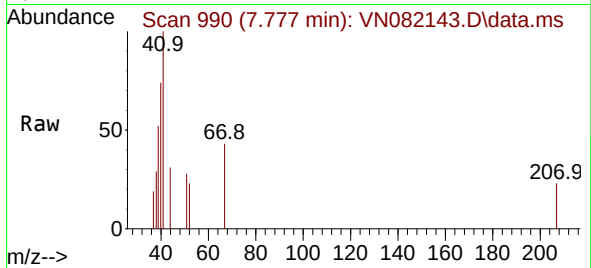
Tgt Ion: 78 Resp: 8831
Ion Ratio Lower Upper
78 100
77 19.8 20.0 30.0#





#41
Methacrylonitrile
Concen: 0.980 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

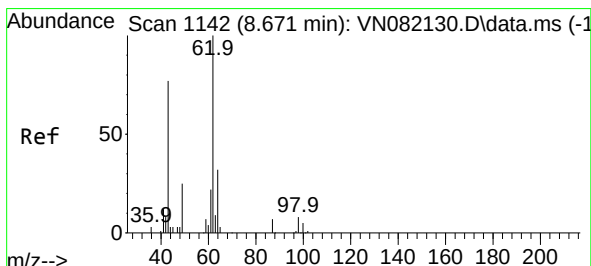
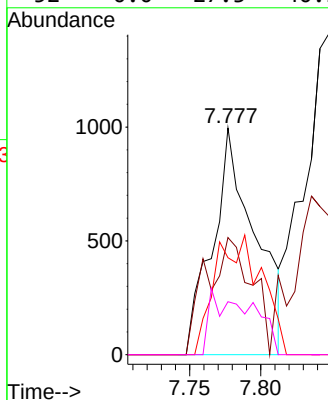
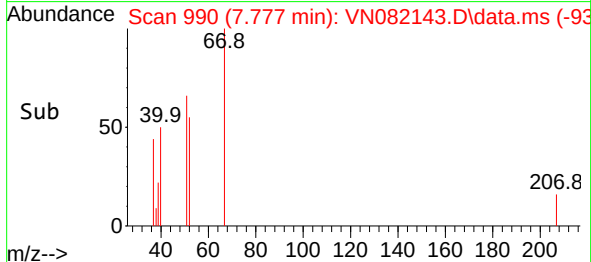
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.0	46.6	69.8
67	57.7	67.3	100.9
52	0.0	27.3	40.9

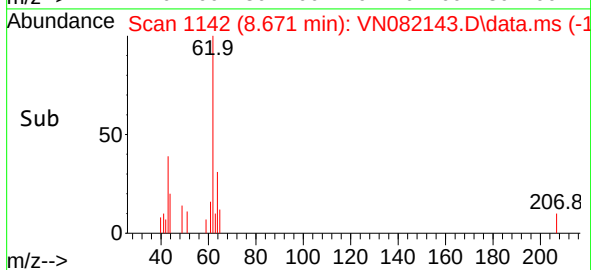
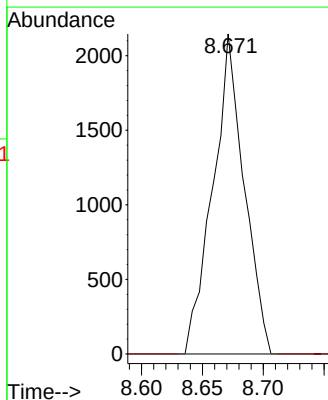
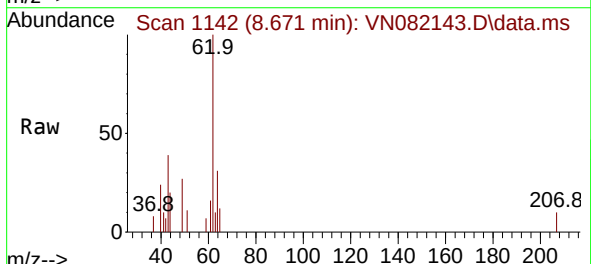
Manual Integrations
APPROVED

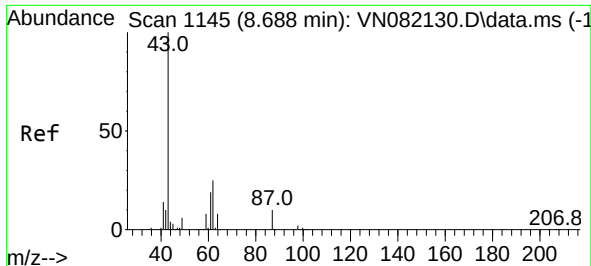
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
1,2-Dichloroethane
Concen: 1.041 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

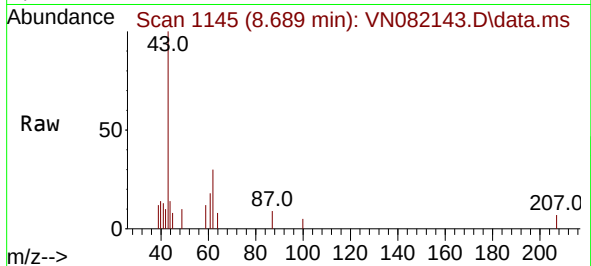
Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.6





#43
Isopropyl Acetate
Concen: 0.969 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

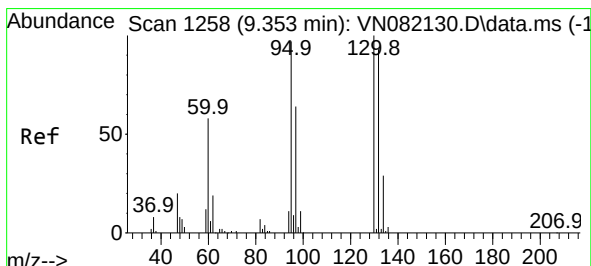
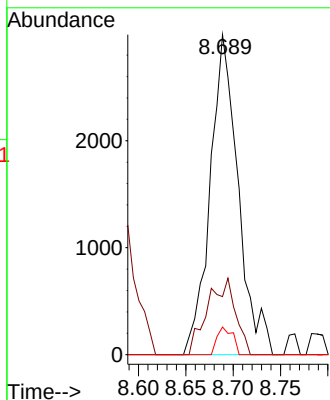
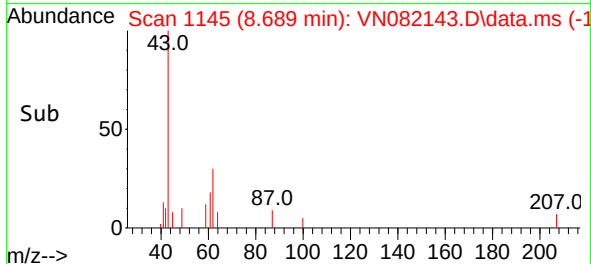
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



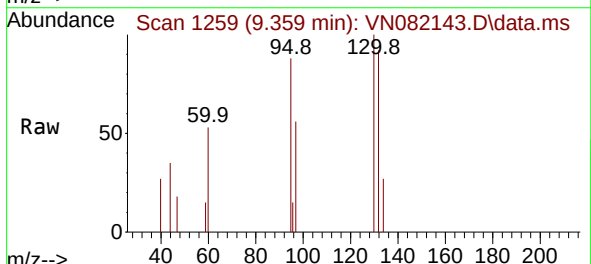
Tgt Ion: 43 Resp: 6184
Ion Ratio Lower Upper
43 100
61 23.8 22.8 34.2
87 4.7 12.0 18.0

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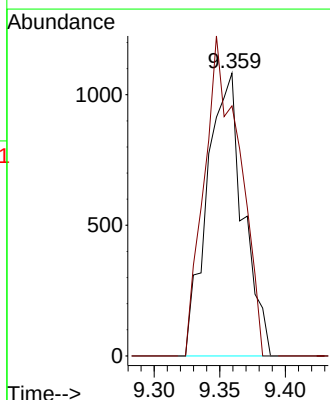
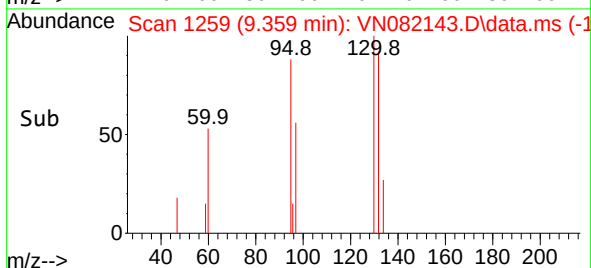
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

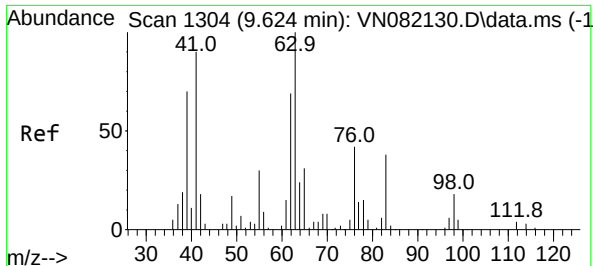


#44
Trichloroethene
Concen: 0.949 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



Tgt Ion:130 Resp: 2068
Ion Ratio Lower Upper
130 100
95 103.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 1.063 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

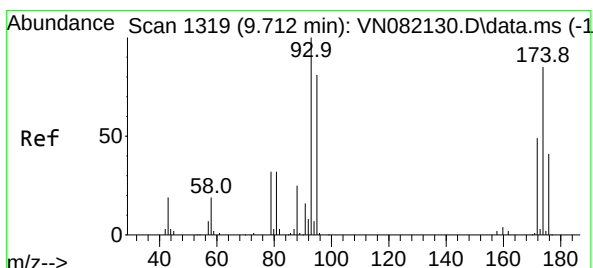
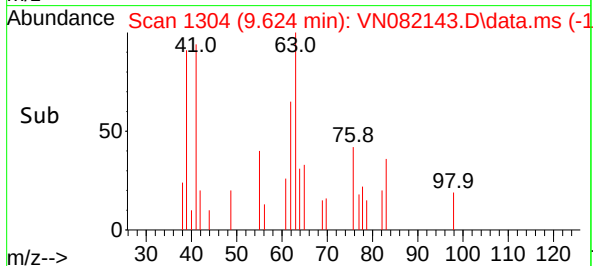
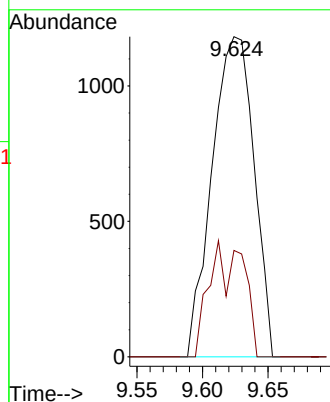
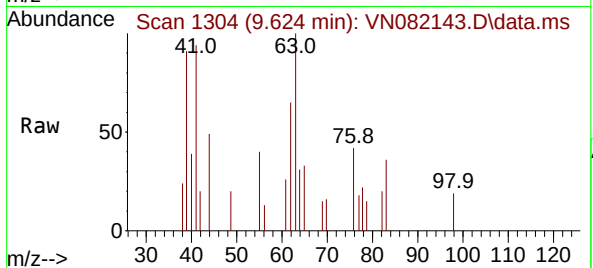
Tgt Ion: 63 Resp: 263
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#46

Dibromomethane

Concen: 0.982 ug/l

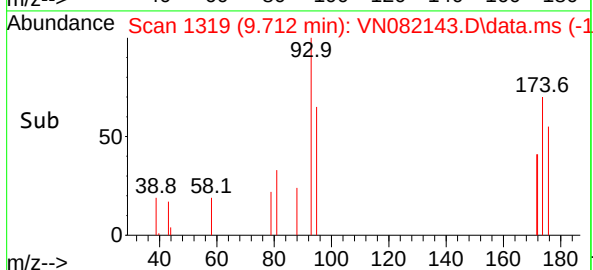
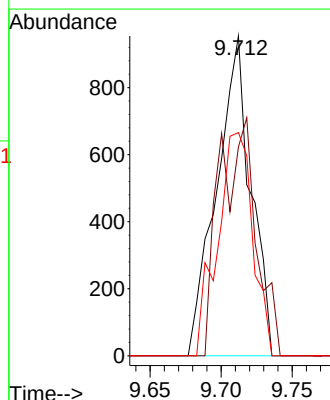
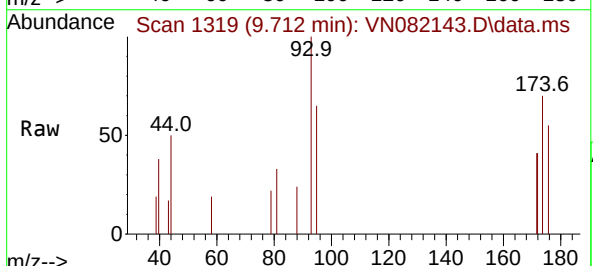
RT: 9.712 min Scan# 1319

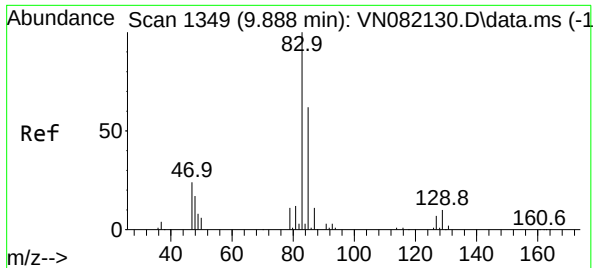
Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Tgt Ion: 93 Resp: 1596
 Ion Ratio Lower Upper
 93 100
 95 34.2 64.8 97.2#
 174 72.0 73.4 110.0#





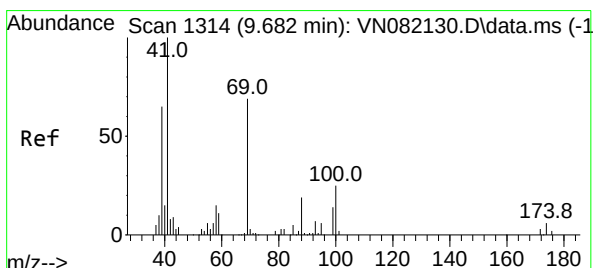
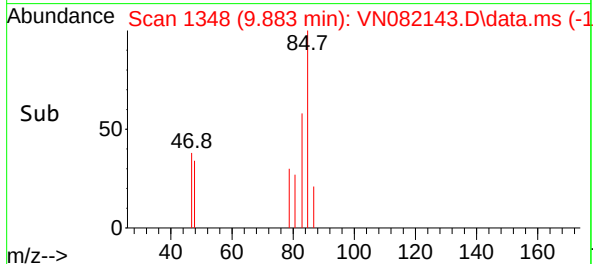
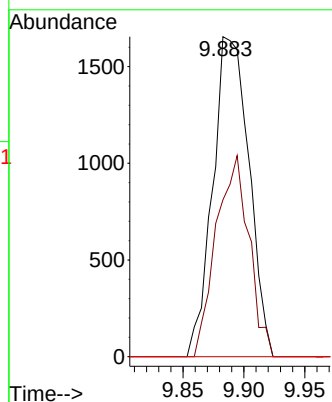
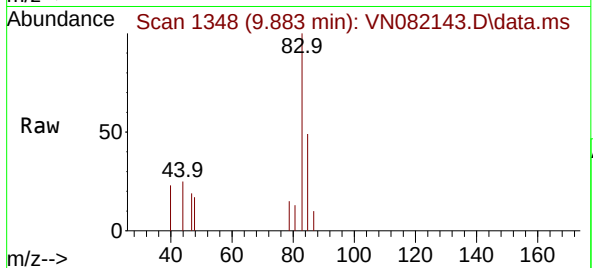
#47
Bromodichloromethane
Concen: 0.997 ug/l
RT: 9.883 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

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

Tgt Ion: 83 Resp: 342
Ion Ratio Lower Upper
83 100
85 49.0 51.9 77.9
127 0.0 7.5 11.3

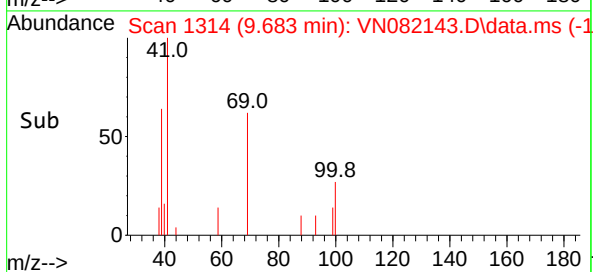
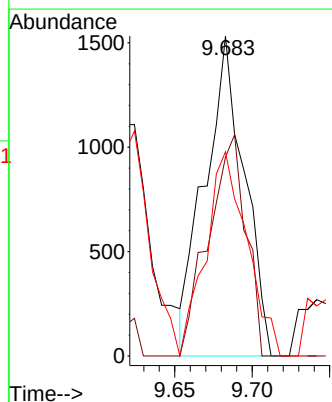
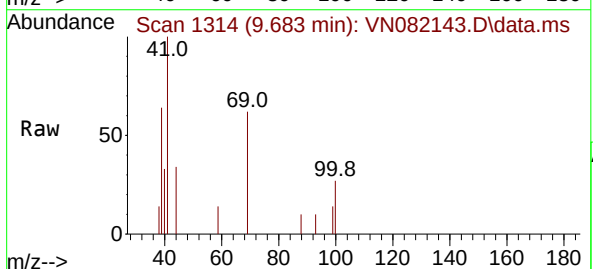
Manual Integrations
APPROVED

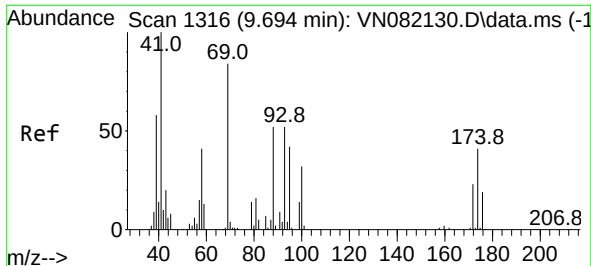
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#48
Methyl methacrylate
Concen: 0.893 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

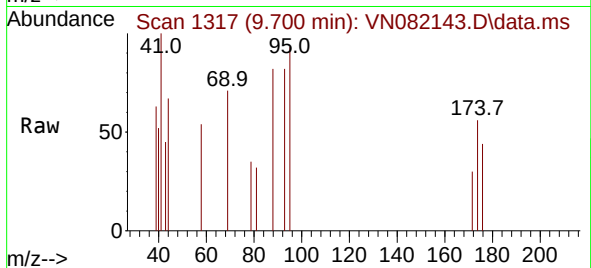
Tgt Ion: 41 Resp: 2716
Ion Ratio Lower Upper
41 100
69 65.5 77.9 116.9
39 66.6 50.9 76.3





#49
1,4-Dioxane
Concen: 22.465 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

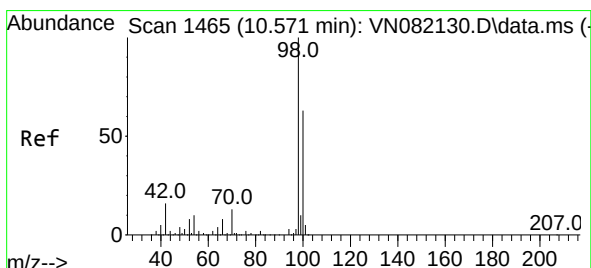
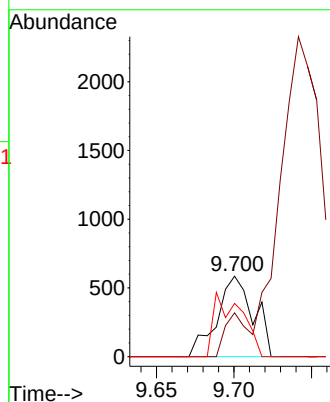
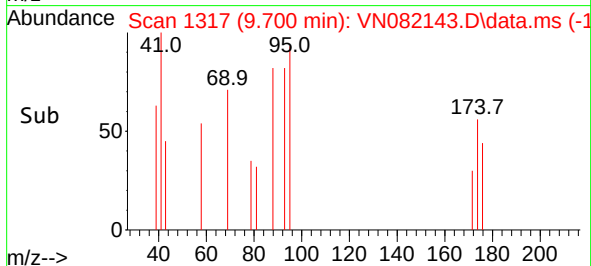
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
43 34.2 19.0 28.6
58 60.6 50.6 76.0

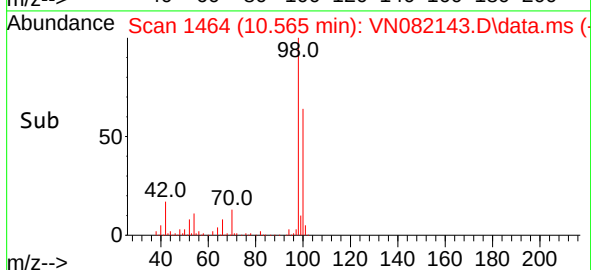
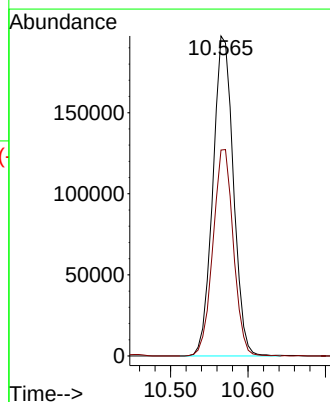
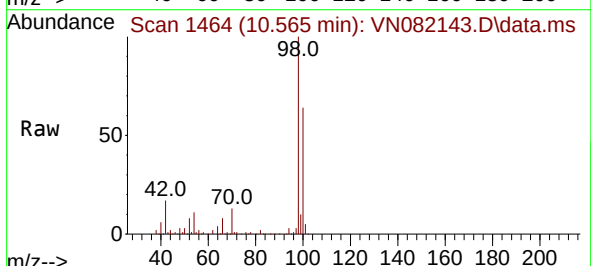
Manual Integrations
APPROVED

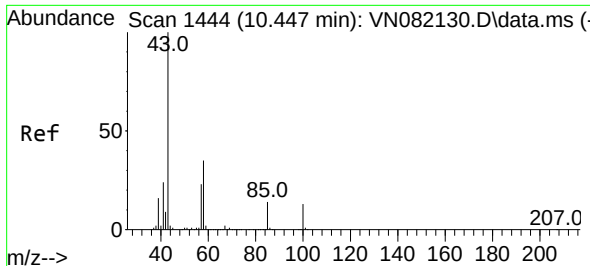
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#50
Toluene-d8
Concen: 49.305 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

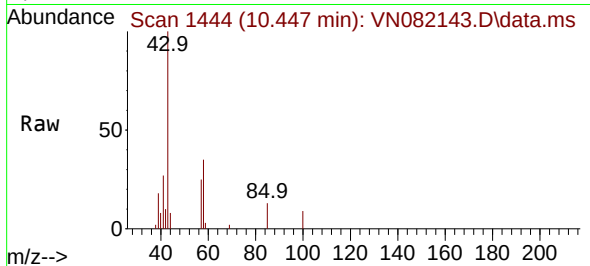
Tgt Ion: 98 Resp: 362619
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 4.494 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

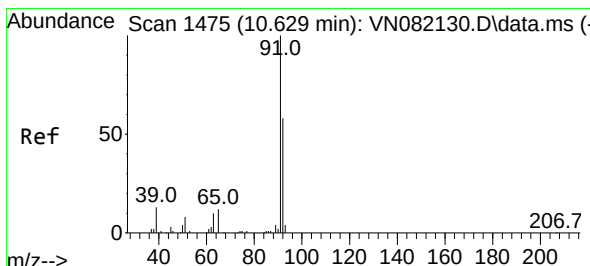
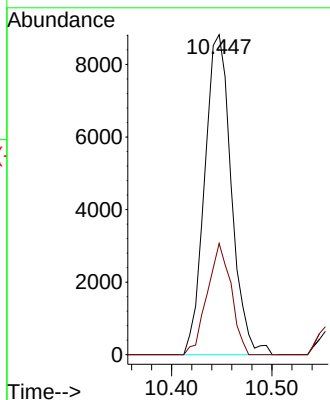
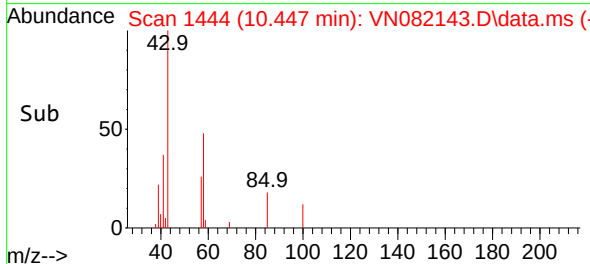
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



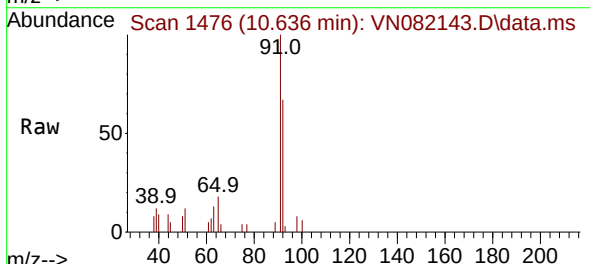
Tgt Ion: 43 Resp: 16289
Ion Ratio Lower Upper
43 100
58 31.1 33.2 49.8

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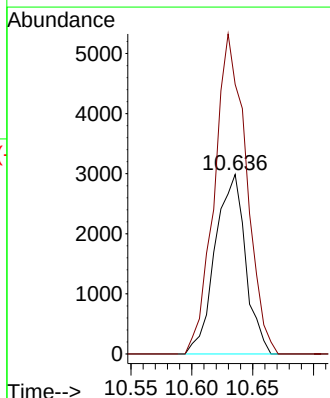
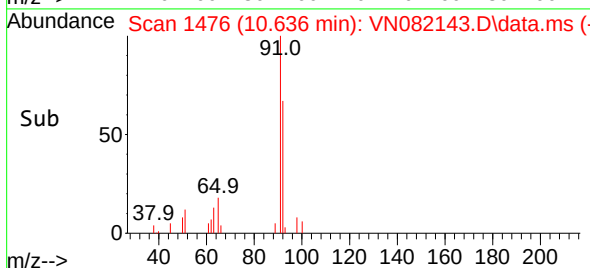
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

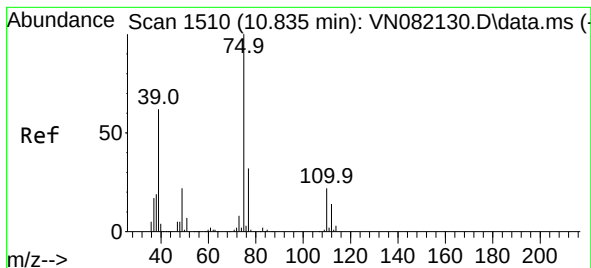


#52
Toluene
Concen: 0.901 ug/l
RT: 10.636 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



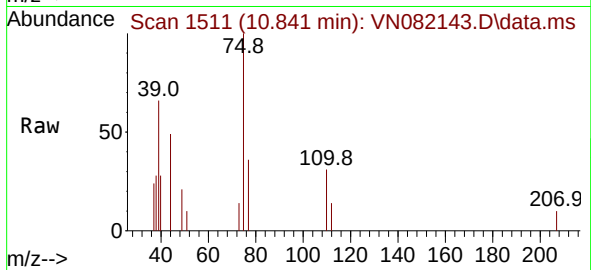
Tgt Ion: 92 Resp: 5190
Ion Ratio Lower Upper
92 100
91 187.4 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 0.805 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

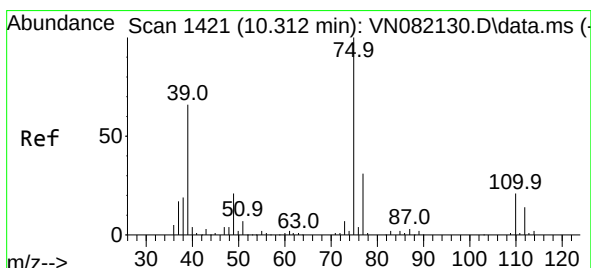
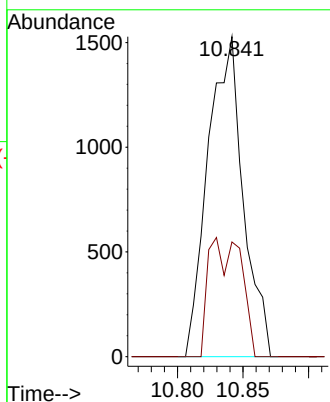
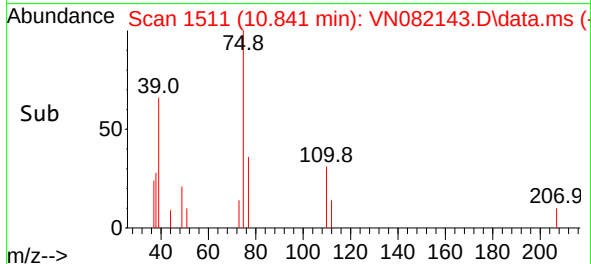
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



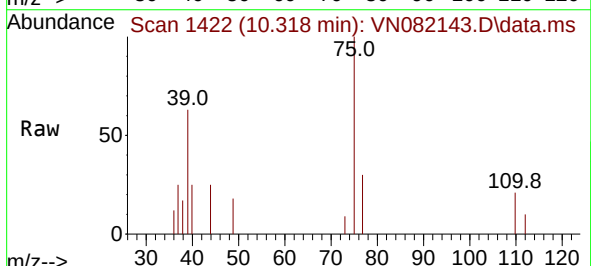
Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
77 35.9 25.4 38.0

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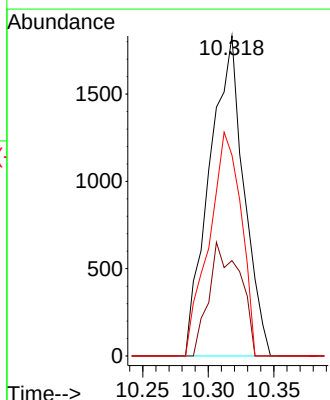
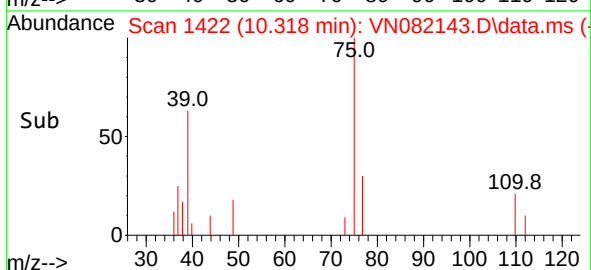
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

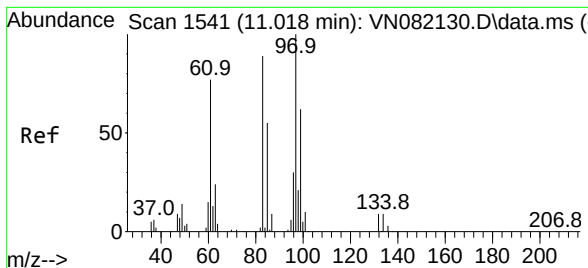


#54
cis-1,3-Dichloropropene
Concen: 0.889 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



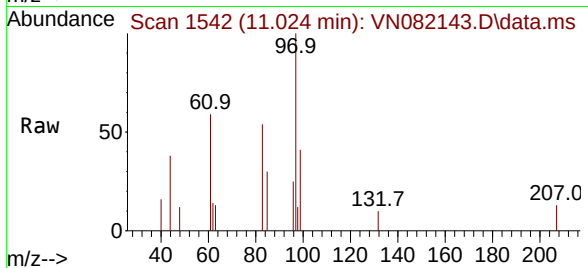
Tgt Ion: 75 Resp: 3338
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4
39 62.7 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 1.084 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

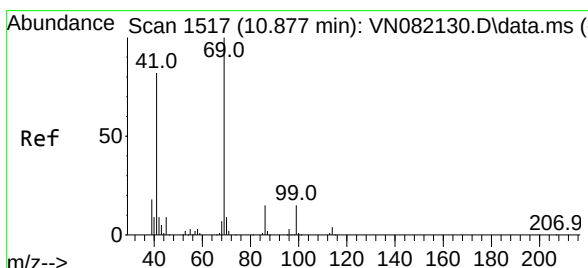
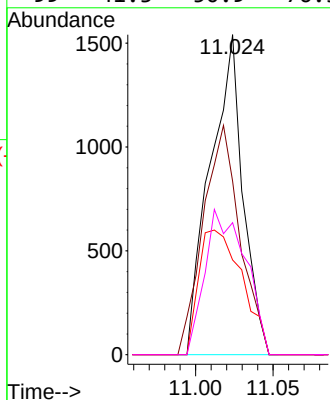
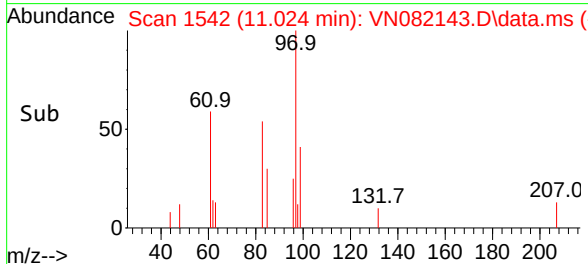
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



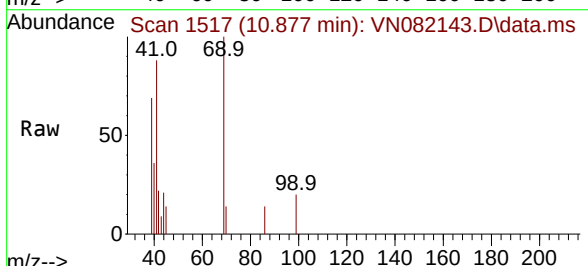
Tgt Ion	Ratio	Lower	Upper
97	100		
83	54.3	70.4	105.6
85	29.6	45.6	68.4
99	41.3	50.9	76.3

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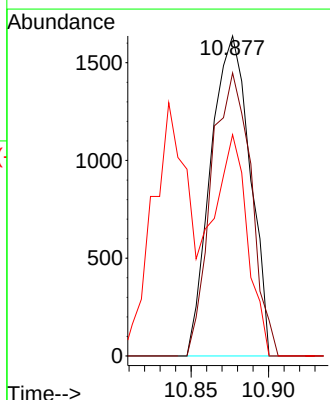
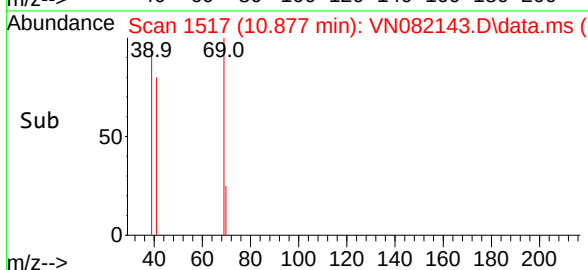
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

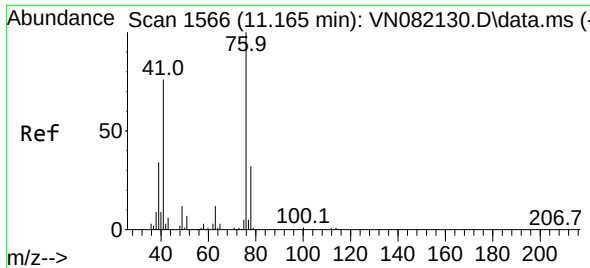


#56
Ethyl methacrylate
Concen: 0.813 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



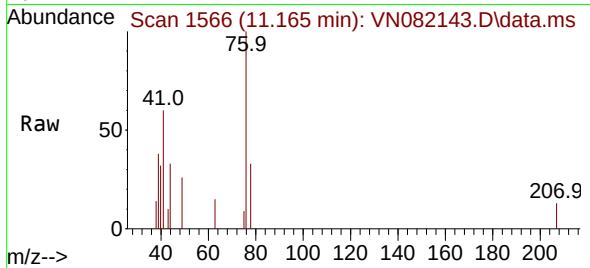
Tgt Ion	Ratio	Lower	Upper
69	100		
41	89.4	46.6	70.0
39	53.5	26.5	39.7





#57
1,3-Dichloropropane
Concen: 0.880 ug/l
RT: 11.165 min Scan# 11165
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

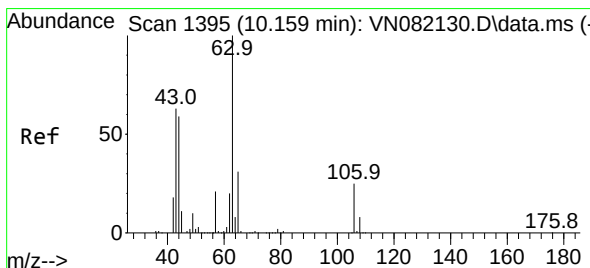
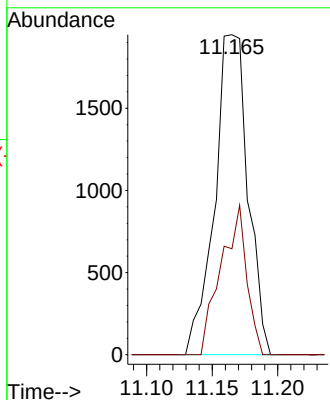
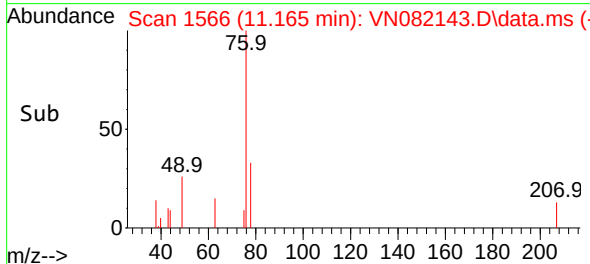
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 76 Resp: 344
Ion Ratio Lower Upper
76 100
78 36.2 25.8 38.6

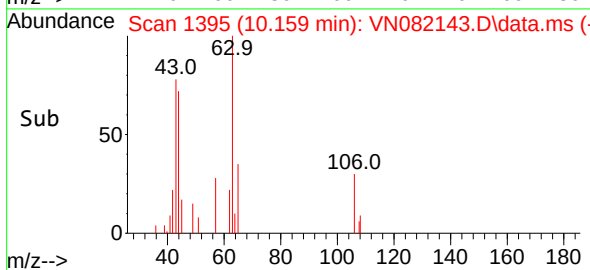
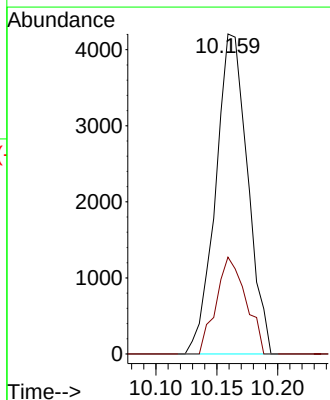
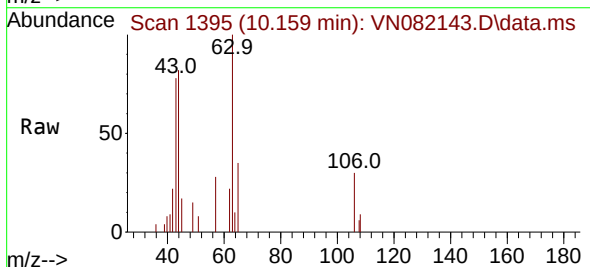
Manual Integrations
APPROVED

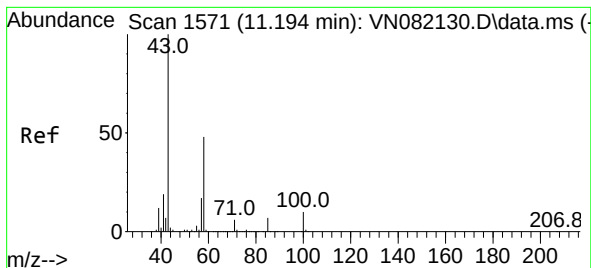
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 4.194 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

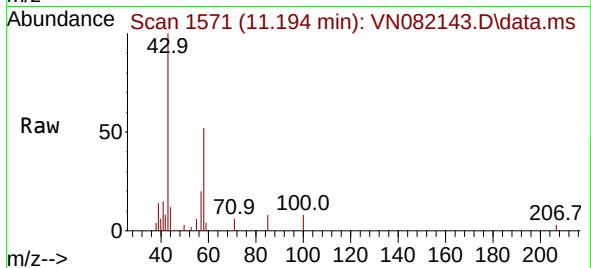
Tgt Ion: 63 Resp: 7685
Ion Ratio Lower Upper
63 100
106 28.1 24.6 36.8





#59
2-Hexanone
Concen: 4.414 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

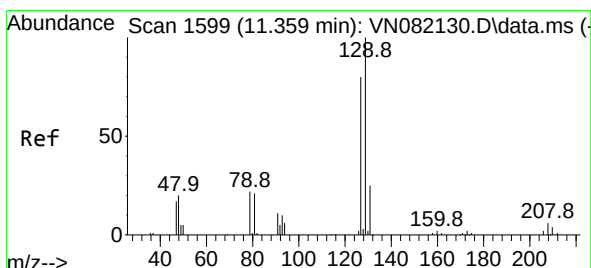
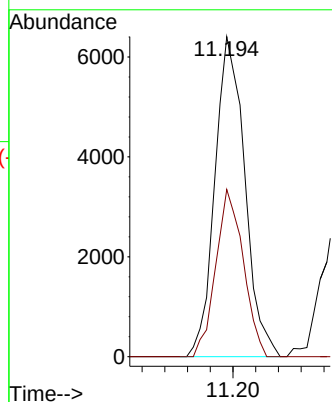
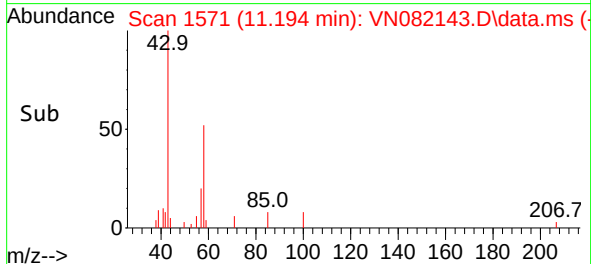
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 11710
Ion Ratio Lower Upper
43 100
58 48.0 28.3 84.9

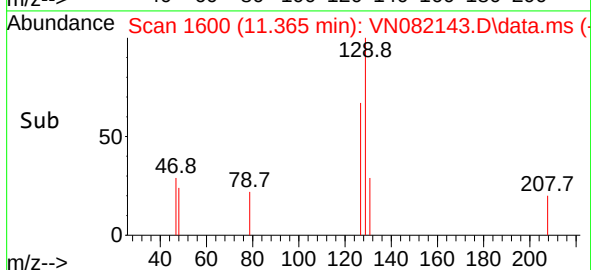
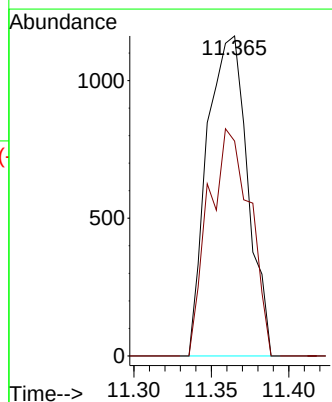
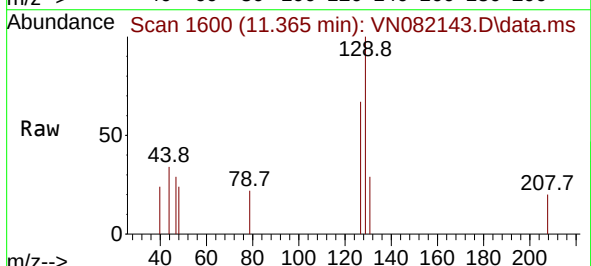
Manual Integrations
APPROVED

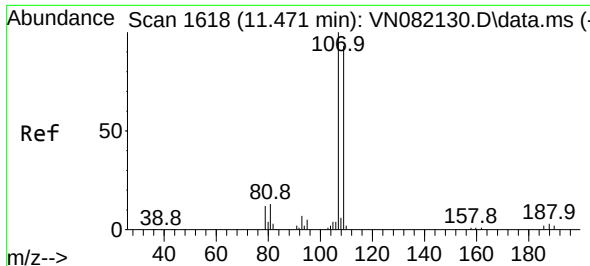
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#60
Dibromochloromethane
Concen: 0.913 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

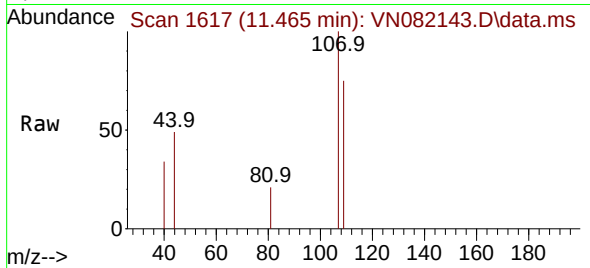
Tgt Ion:129 Resp: 2109
Ion Ratio Lower Upper
129 100
127 73.0 38.3 114.8





#61
1,2-Dibromoethane
Concen: 0.848 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

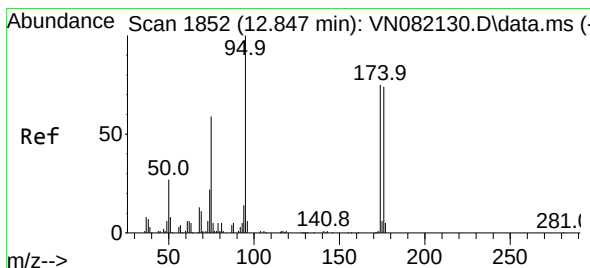
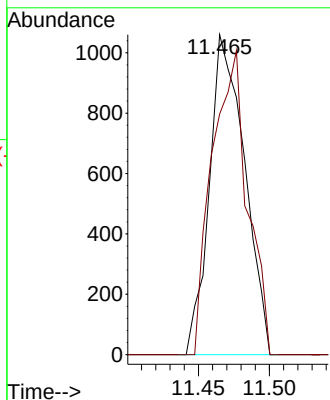
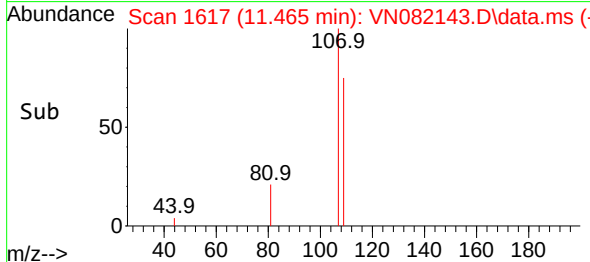
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



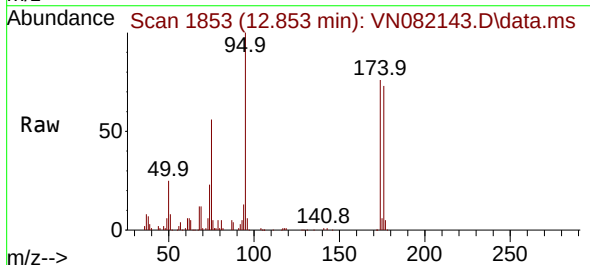
Tgt Ion: 107 Resp: 1823
Ion Ratio Lower Upper
107 100
109 95.9 75.8 113.6

Manual Integrations
APPROVED

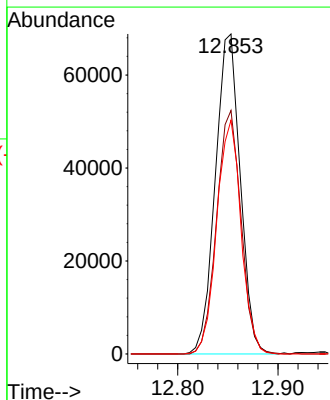
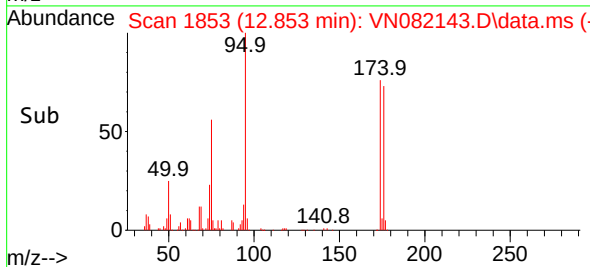
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

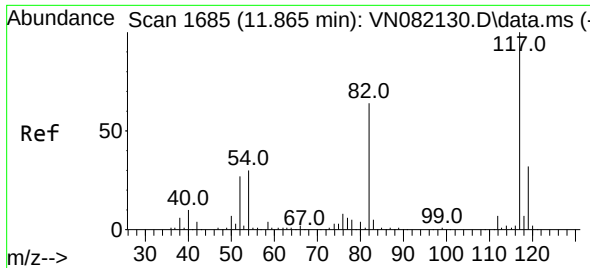


#62
4-Bromofluorobenzene
Concen: 45.291 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



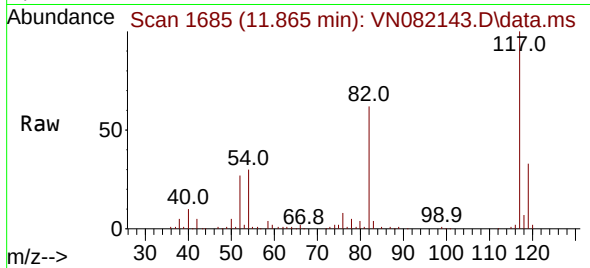
Tgt Ion: 95 Resp: 118891
Ion Ratio Lower Upper
95 100
174 74.6 0.0 160.6
176 71.1 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

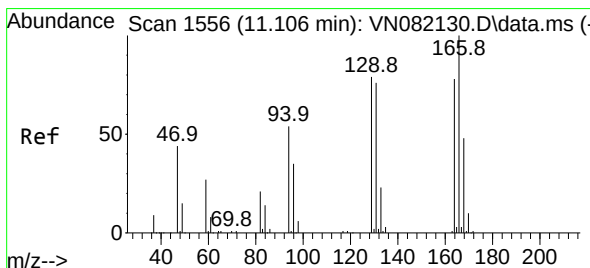
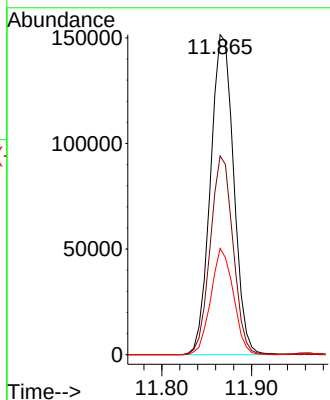
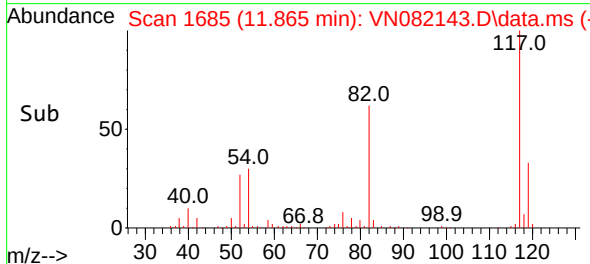
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:117 Resp: 272915
Ion Ratio Lower Upper
117 100
82 62.1 44.6 66.8
119 33.2 25.9 38.9

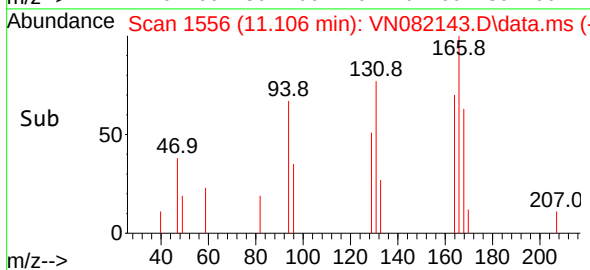
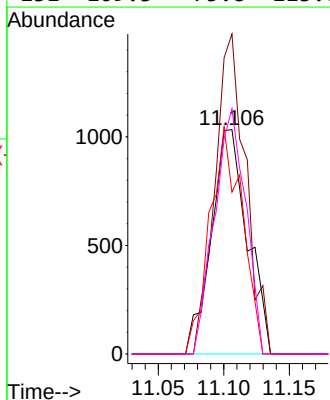
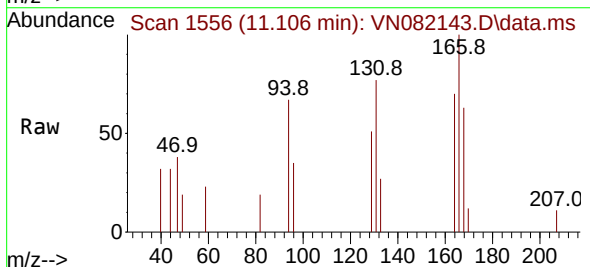
Manual Integrations
APPROVED

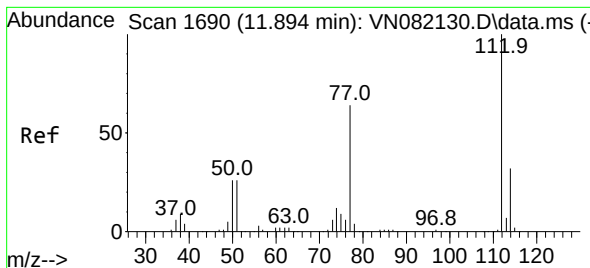
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#64
Tetrachloroethene
Concen: 0.975 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

Tgt Ion:164 Resp: 1973
Ion Ratio Lower Upper
164 100
166 142.7 97.6 146.4
129 72.1 73.7 110.5#
131 109.3 75.8 113.6





#65

Chlorobenzene

Concen: 1.009 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:112 Resp: 608

Ion Ratio Lower Upper

112 100

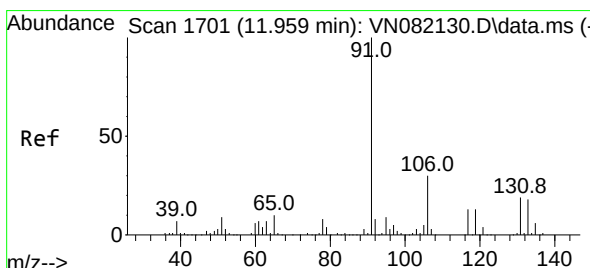
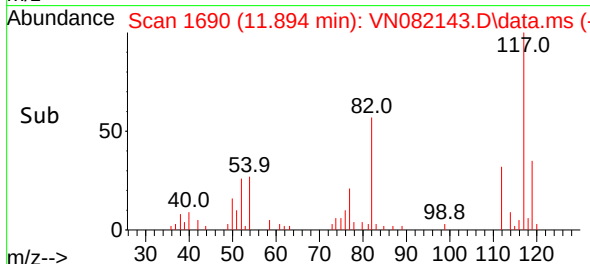
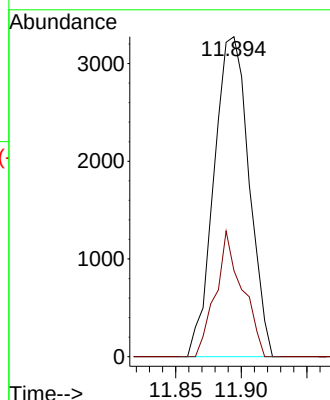
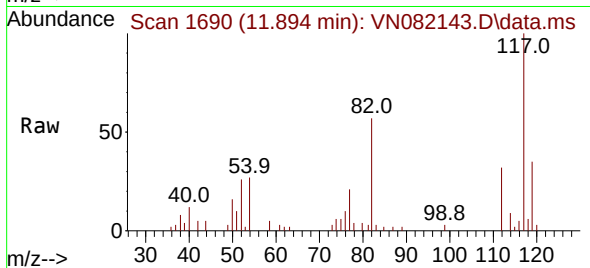
114 26.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 0.934 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

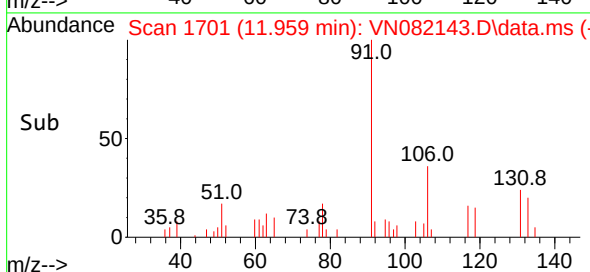
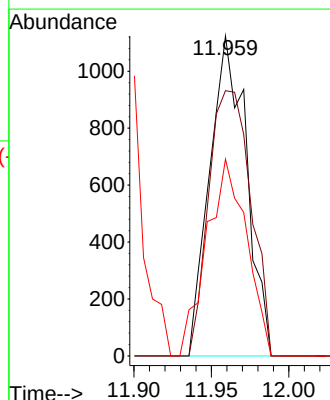
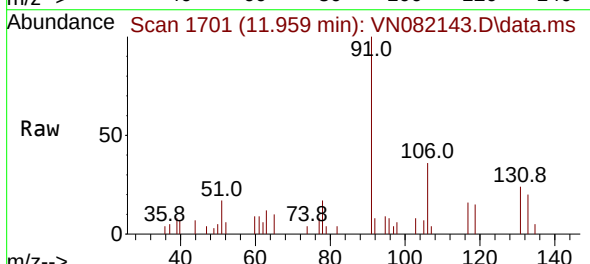
Tgt Ion:131 Resp: 1854

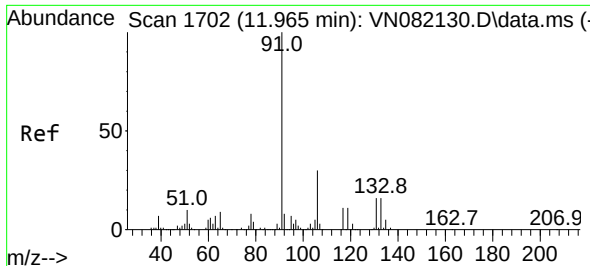
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

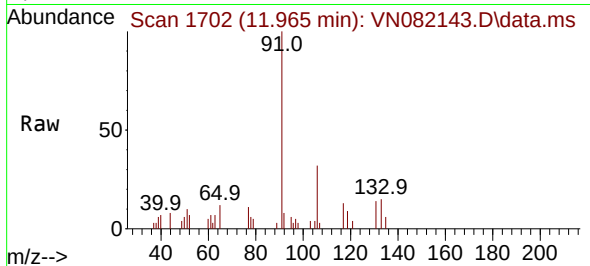
119 0.0 32.9 98.7#





#67
Ethyl Benzene
Concen: 0.869 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

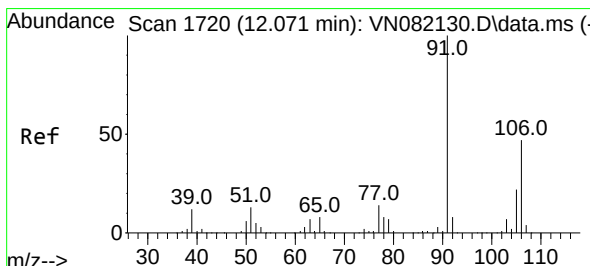
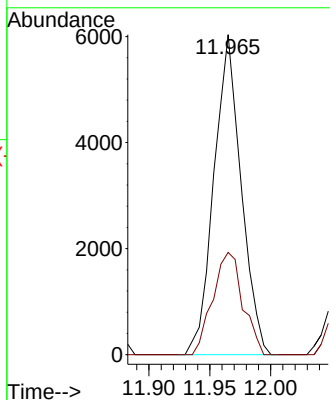
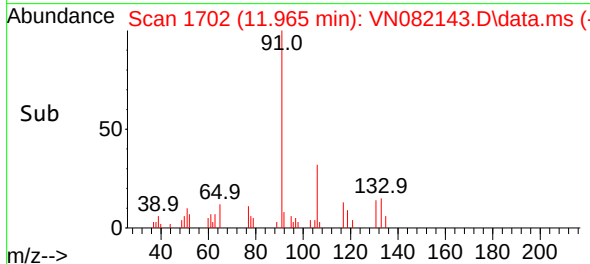
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 91 Resp: 9375
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

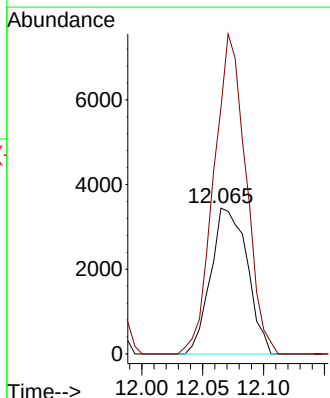
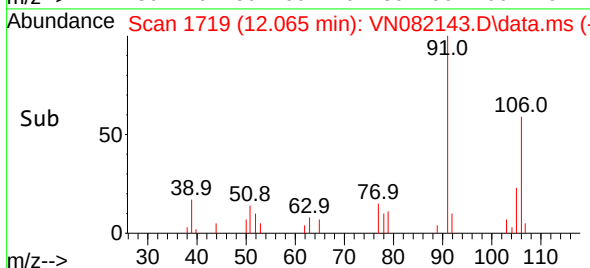
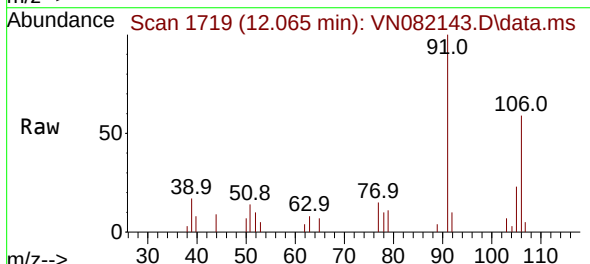
Manual Integrations
APPROVED

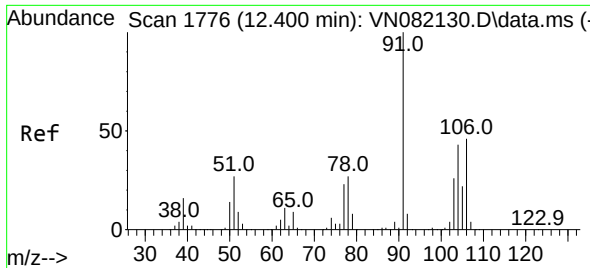
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#68
m/p-Xylenes
Concen: 1.811 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

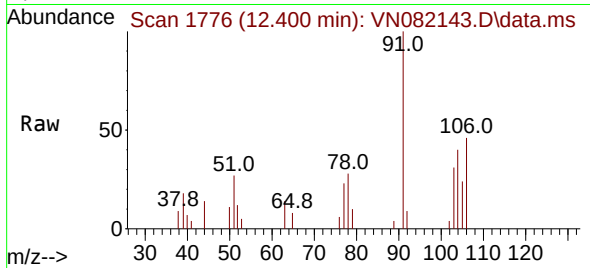
Tgt Ion:106 Resp: 7159
Ion Ratio Lower Upper
106 100
91 193.6 159.4 239.0





#69
o-Xylene
Concen: 0.794 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

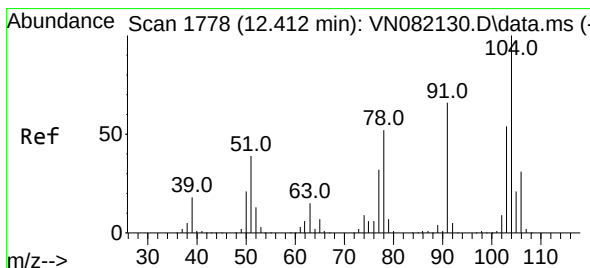
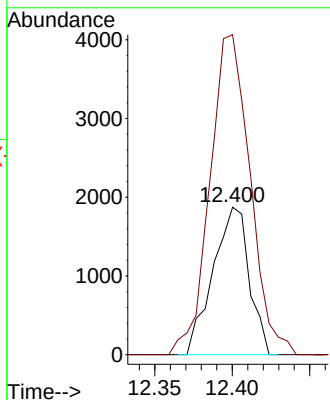
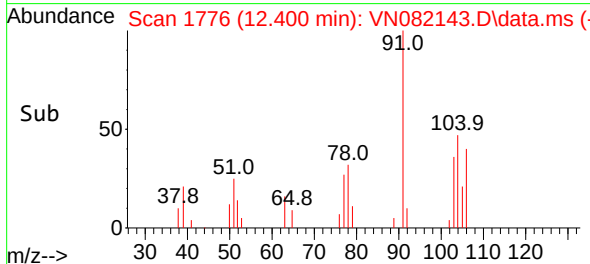
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:106 Resp: 3039
Ion Ratio Lower Upper
106 100
91 241.4 104.7 314.1

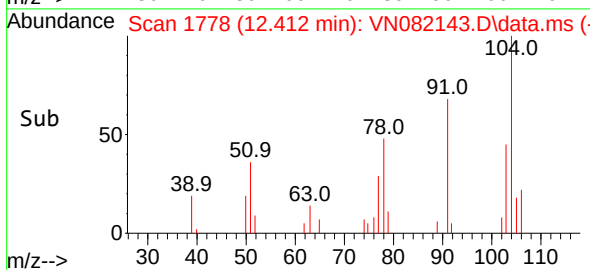
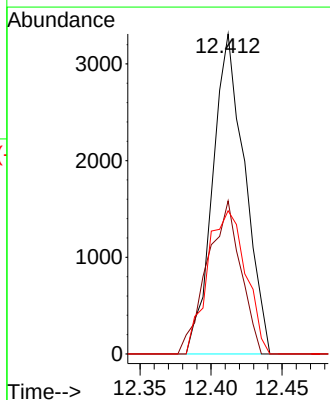
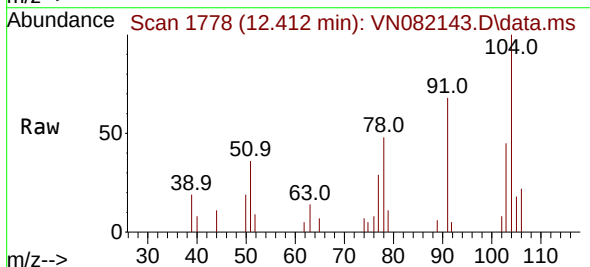
Manual Integrations
APPROVED

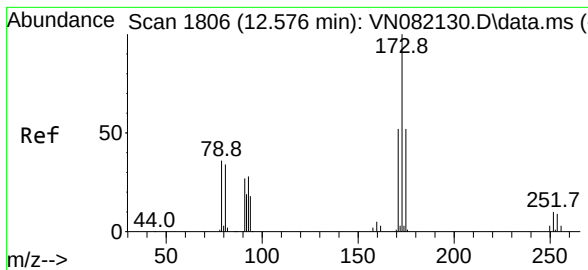
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#70
Styrene
Concen: 0.816 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

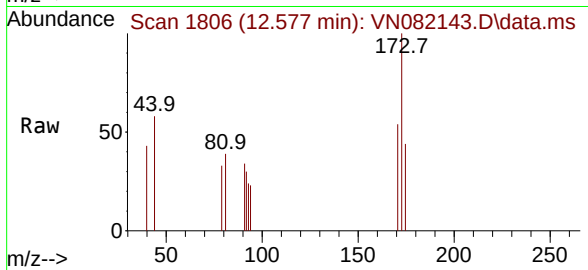
Tgt Ion:104 Resp: 5187
Ion Ratio Lower Upper
104 100
78 50.0 38.6 58.0
103 53.8 43.8 65.6





#71
Bromoform
Concen: 0.925 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.001 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

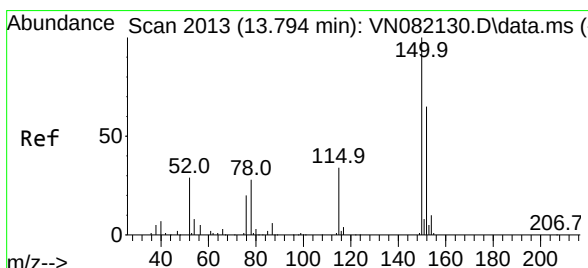
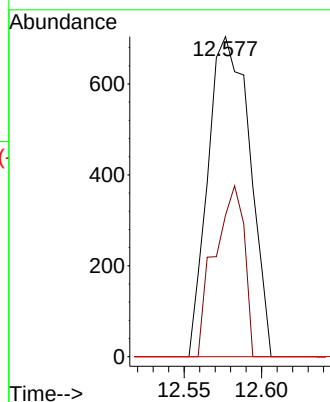
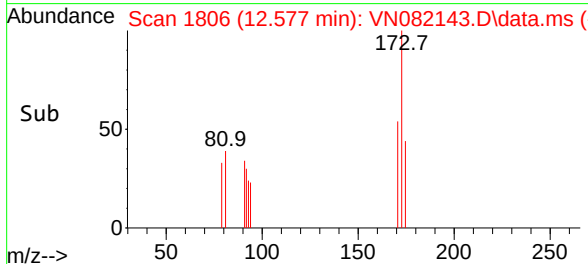
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



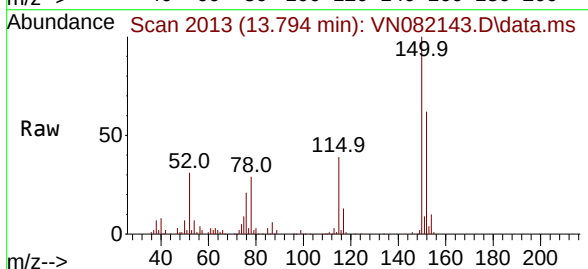
Tgt Ion:173 Resp: 1320
Ion Ratio Lower Upper
173 100
175 38.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

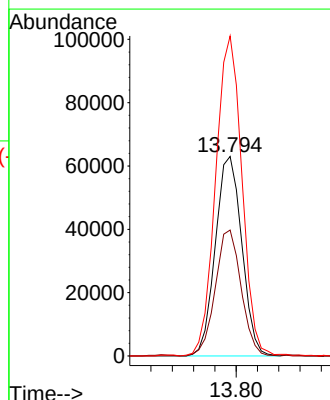
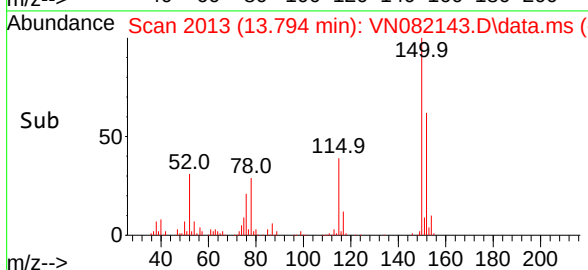
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

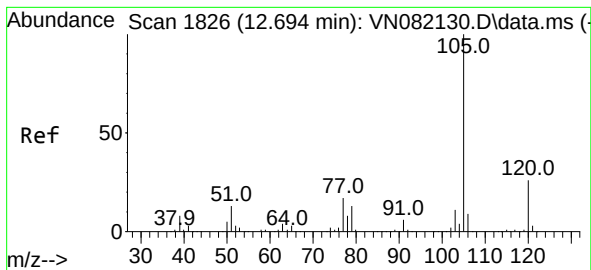


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



Tgt Ion:152 Resp: 108638
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 159.5 0.0 353.2





#73

Isopropylbenzene

Concen: 0.907 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

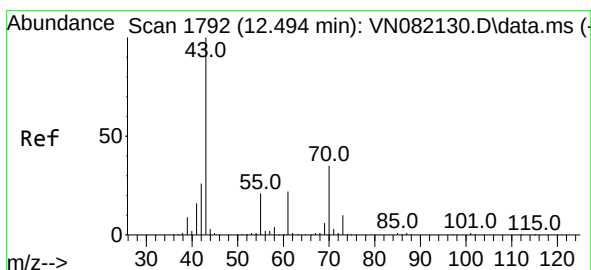
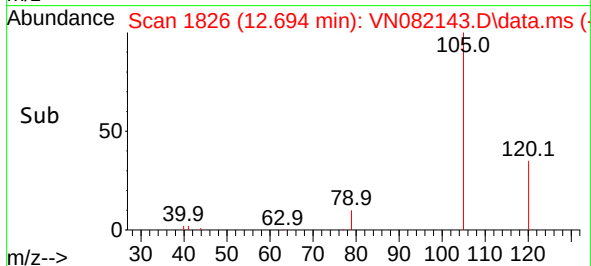
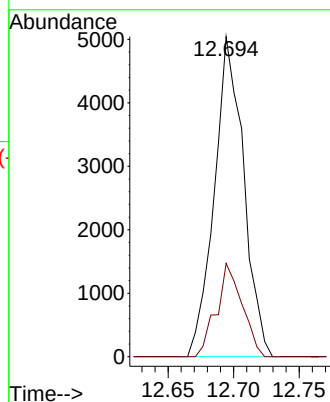
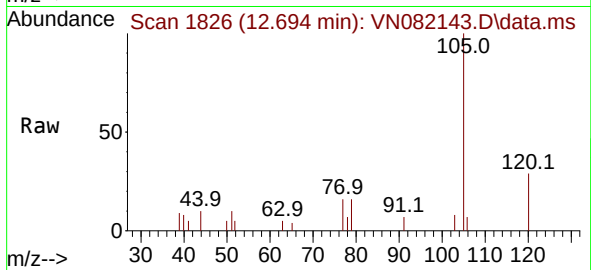
Tgt Ion:105 Resp: 7830
 Ion Ratio Lower Upper
 105 100
 120 25.6 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#74

N-ethyl acetate

Concen: 0.918 ug/l

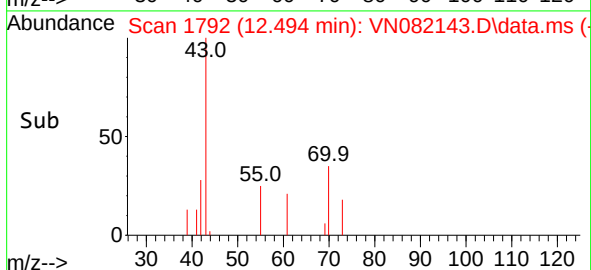
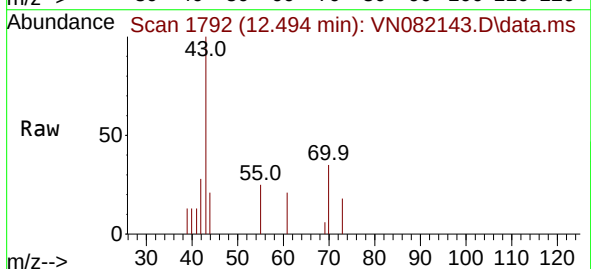
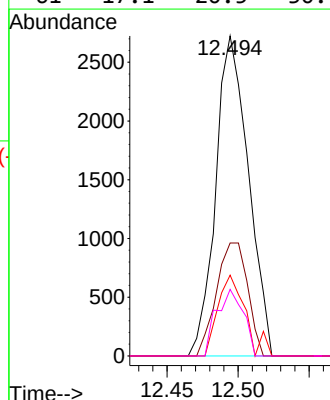
RT: 12.494 min Scan# 1792

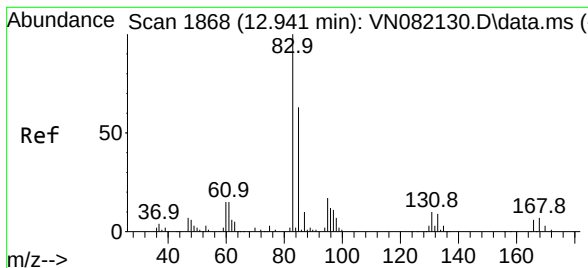
Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

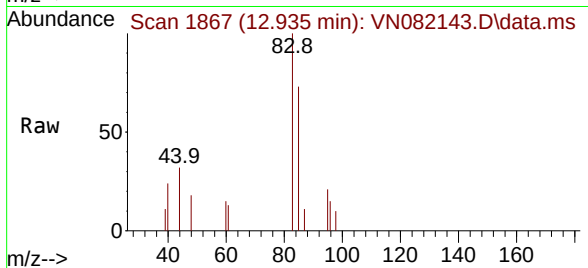
Tgt Ion: 43 Resp: 4356
 Ion Ratio Lower Upper
 43 100
 70 33.7 39.0 58.4#
 55 21.1 21.3 31.9#
 61 17.1 20.5 30.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 1.035 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

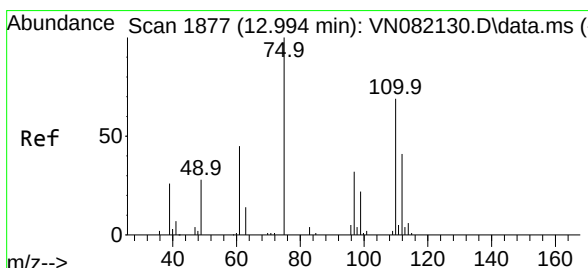
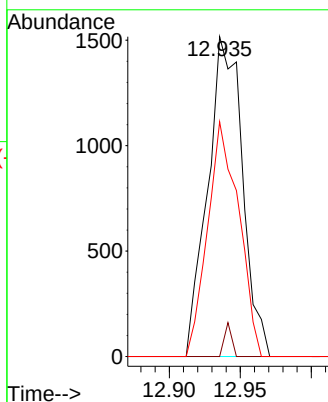
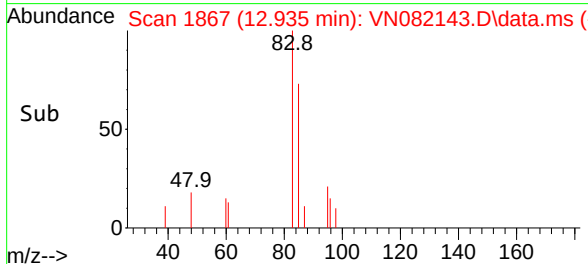
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



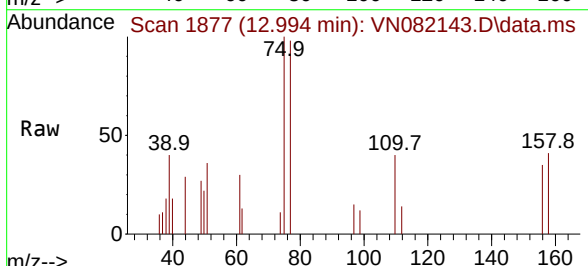
Tgt Ion: 83 Resp: 2579
Ion Ratio Lower Upper
83 100
131 2.2 5.5 16.4
85 66.0 32.9 98.6

Manual Integrations
APPROVED

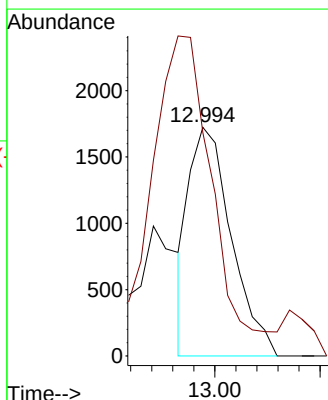
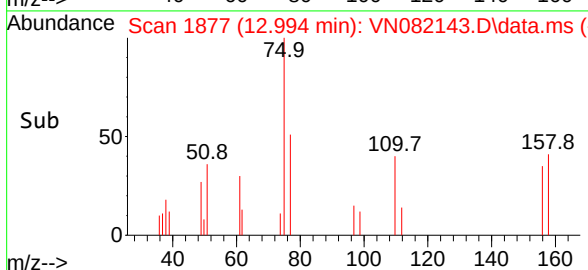
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

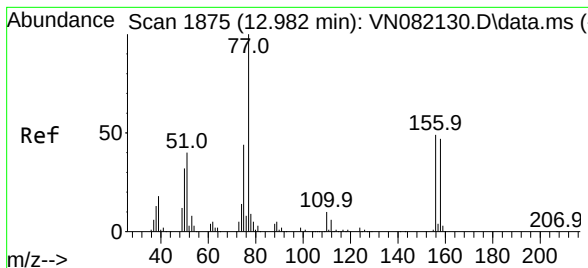


#76
1,2,3-Trichloropropane
Concen: 1.057 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



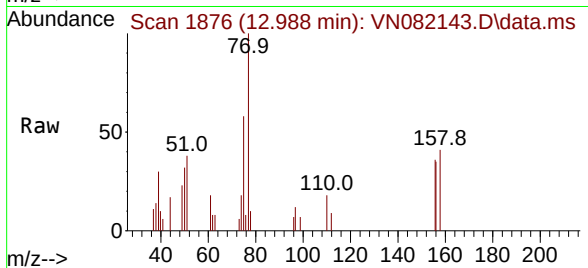
Tgt Ion: 75 Resp: 2418
Ion Ratio Lower Upper
75 100
77 202.2 90.5 271.3





#77
Bromobenzene
Concen: 1.108 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

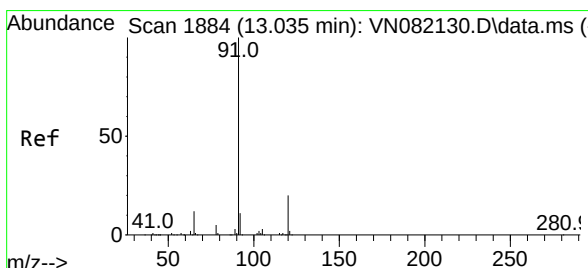
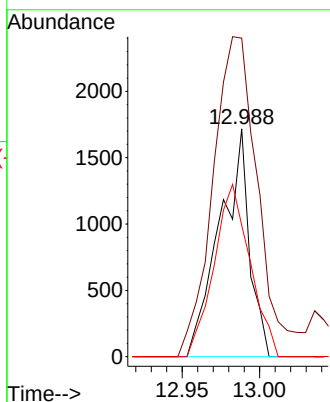
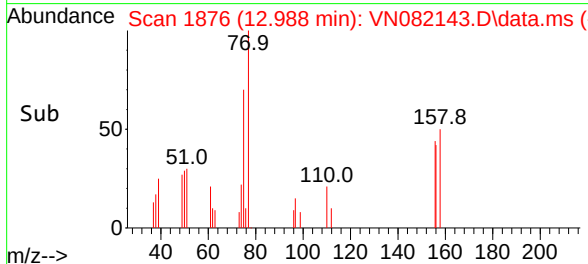
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



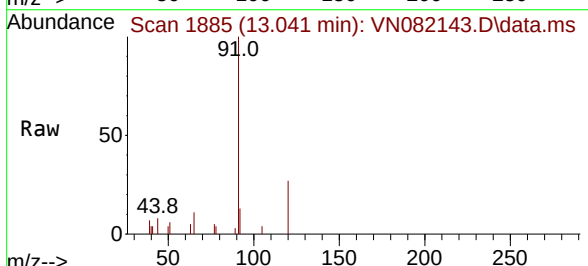
Tgt Ion: 156 Resp: 2278
Ion Ratio Lower Upper
156 100
77 214.6 100.2 300.6
158 92.2 49.1 147.3

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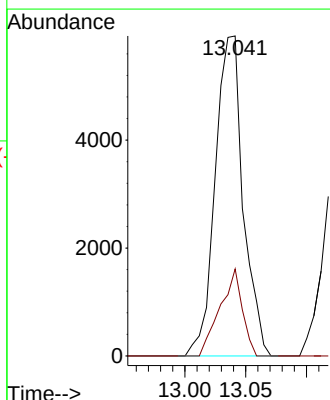
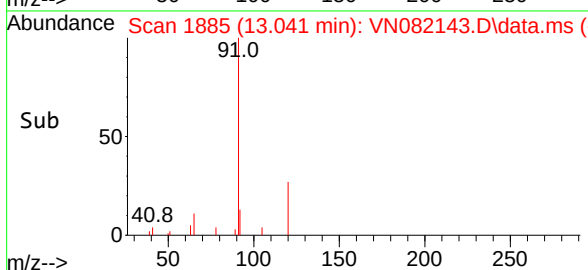
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

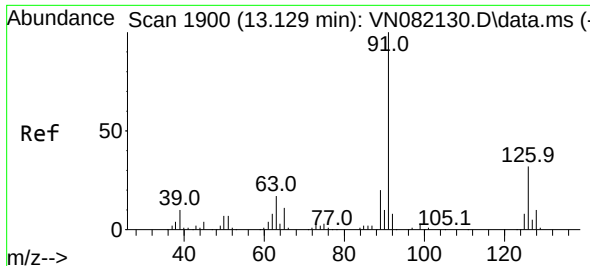


#78
n-propylbenzene
Concen: 0.929 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



Tgt Ion: 91 Resp: 9495
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0





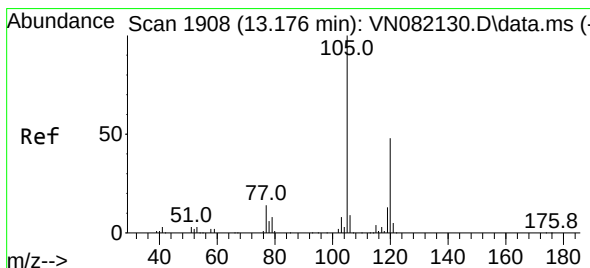
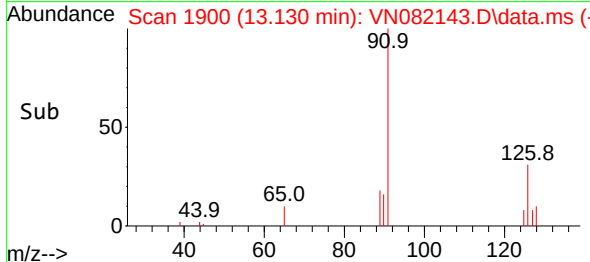
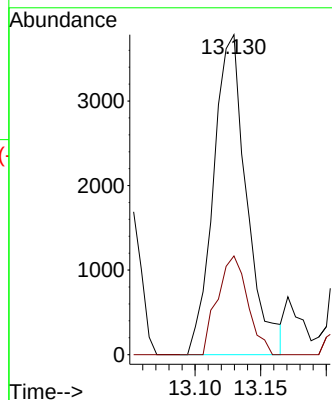
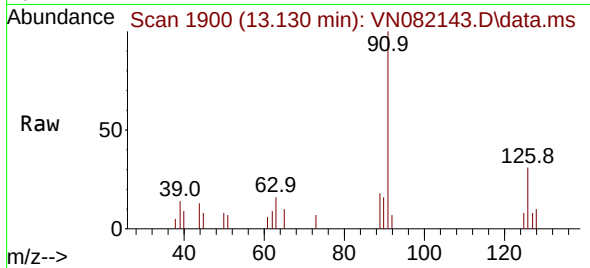
#79
2-Chlorotoluene
Concen: 1.039 ug/l
RT: 13.130 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

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

Tgt Ion: 91 Resp: 666
Ion Ratio Lower Upper
91 100
126 28.0 17.5 52.5

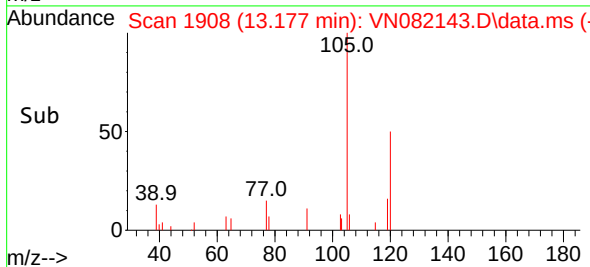
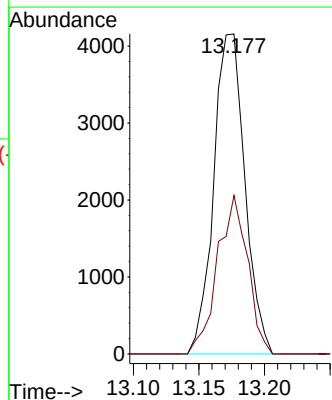
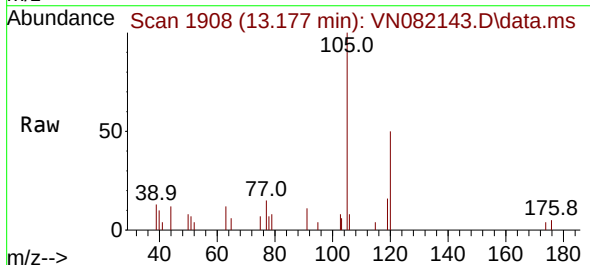
Manual Integrations
APPROVED

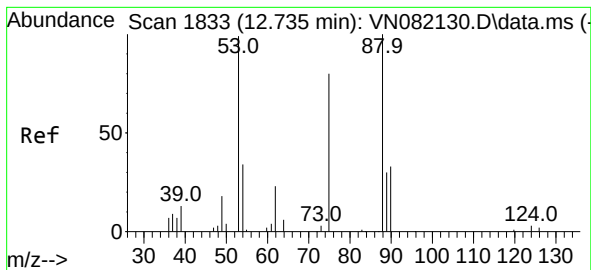
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.985 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

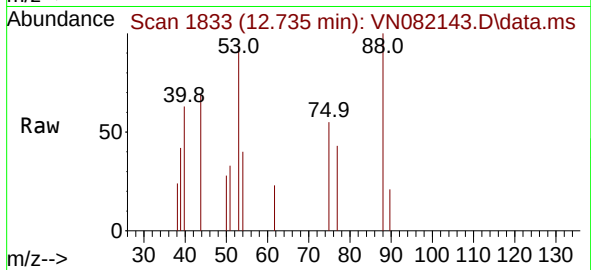
Tgt Ion:105 Resp: 6877
Ion Ratio Lower Upper
105 100
120 47.8 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.606 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

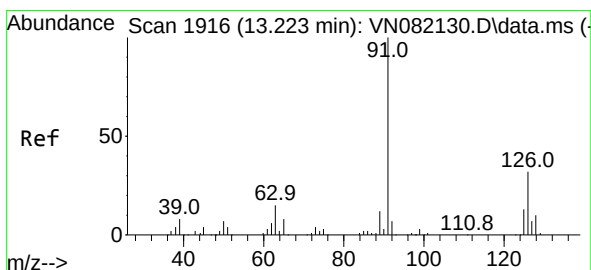
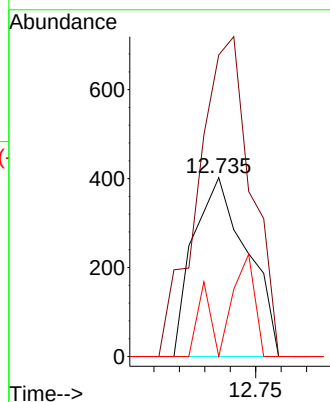
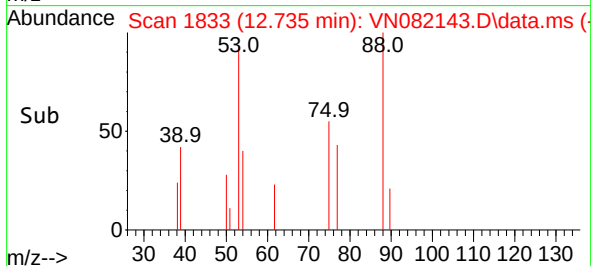
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 75 Resp: 592
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3
89 0.0 39.1 58.7

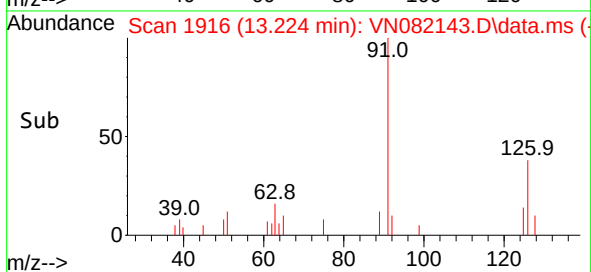
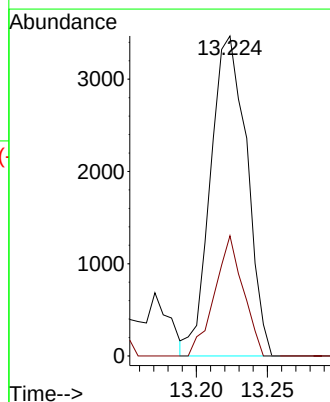
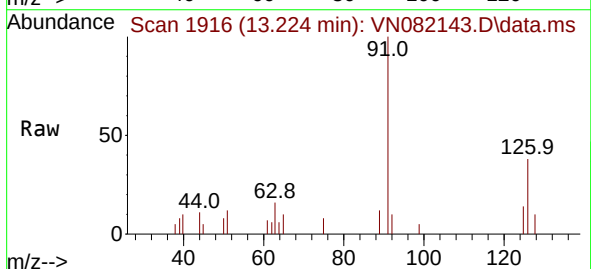
Manual Integrations
APPROVED

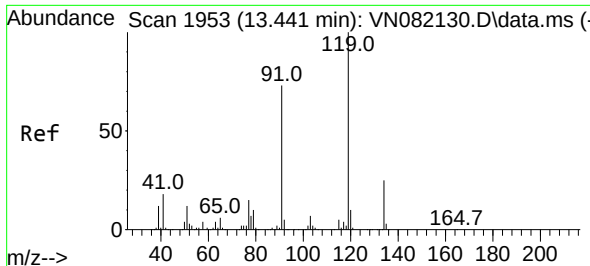
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#82
4-Chlorotoluene
Concen: 0.979 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

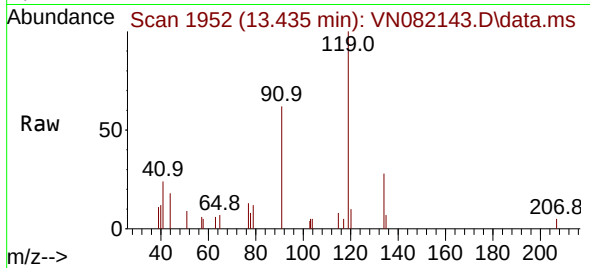
Tgt Ion: 91 Resp: 6146
Ion Ratio Lower Upper
91 100
126 29.7 17.4 52.3





#83
tert-Butylbenzene
Concen: 0.883 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

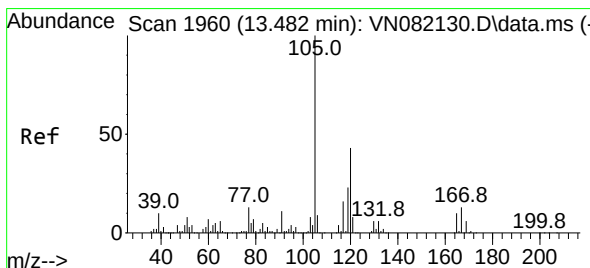
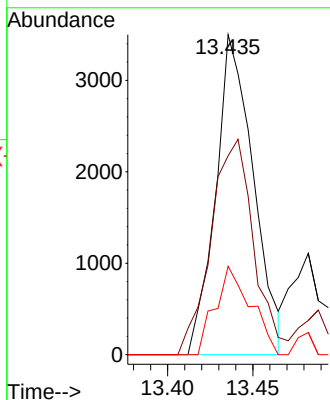
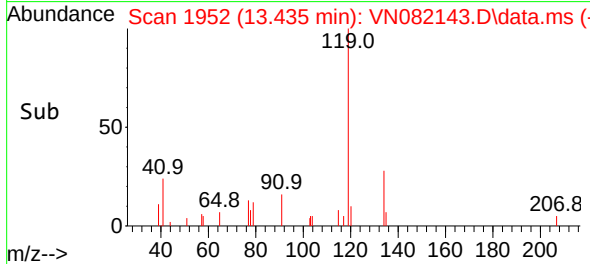
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:119 Resp: 5394
Ion Ratio Lower Upper
119 100
91 76.3 32.6 97.8
134 26.0 12.4 37.0

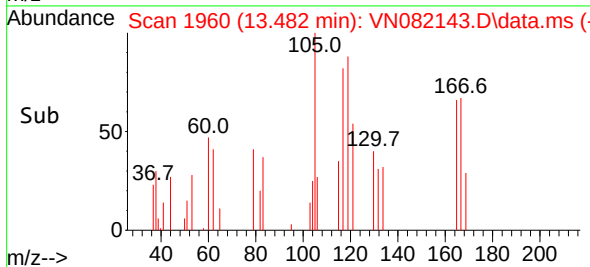
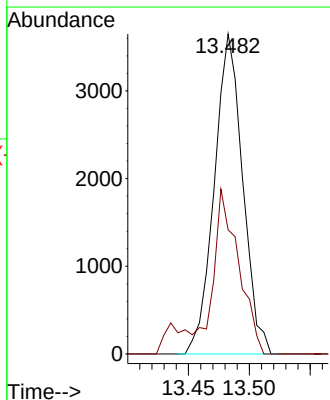
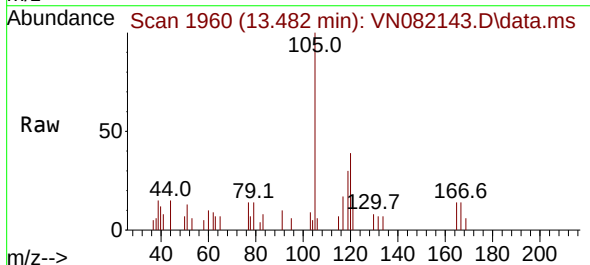
Manual Integrations
APPROVED

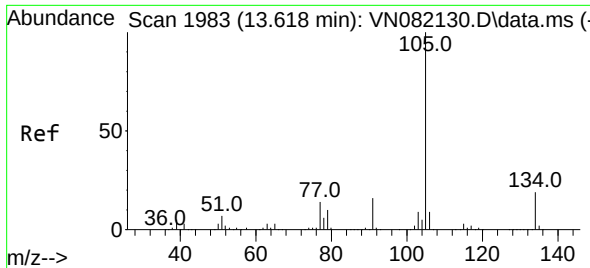
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.829 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

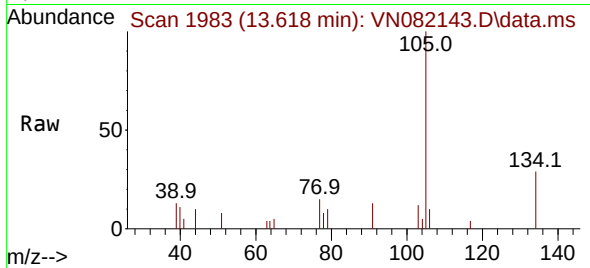
Tgt Ion:105 Resp: 5918
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 0.847 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082143.D
 Acq: 15 May 2024 20:02

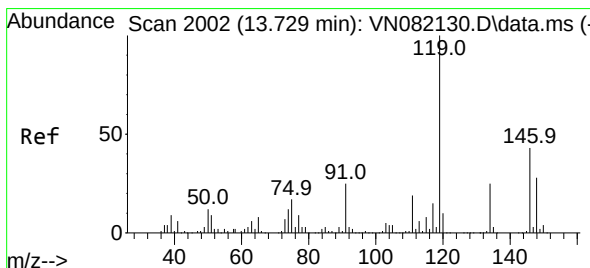
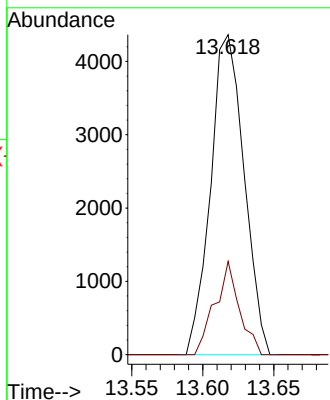
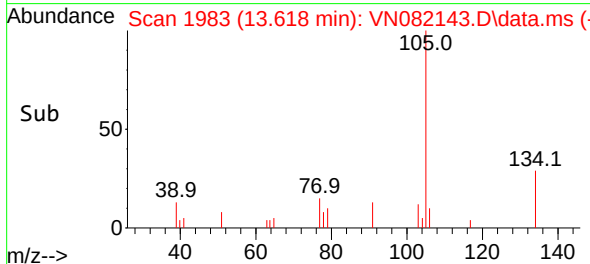
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



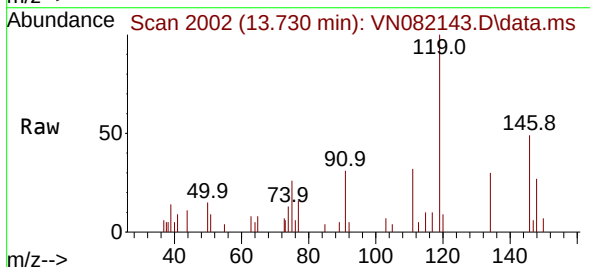
Tgt Ion:105 Resp: 7168
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4

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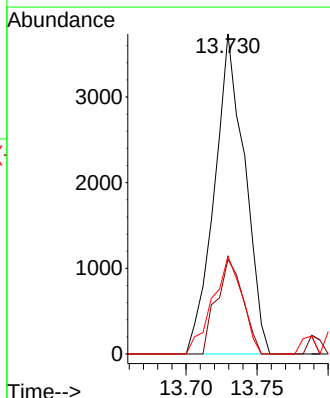
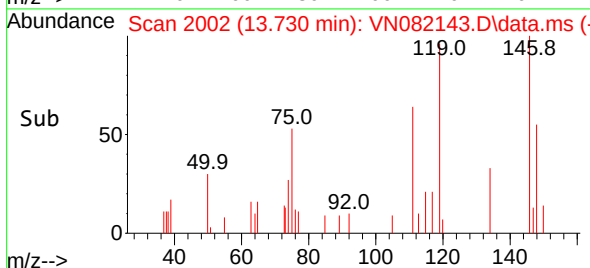
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

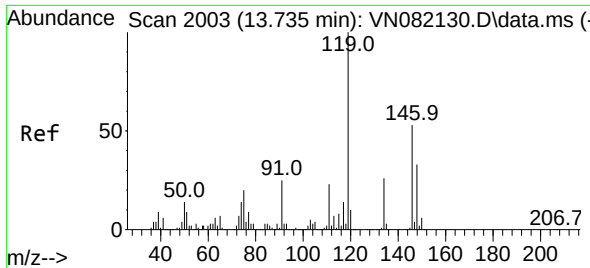


#86
 p-Isopropyltoluene
 Concen: 0.806 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082143.D
 Acq: 15 May 2024 20:02



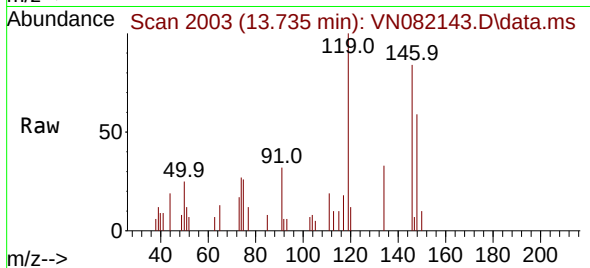
Tgt Ion:119 Resp: 5543
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 29.7 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 0.978 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

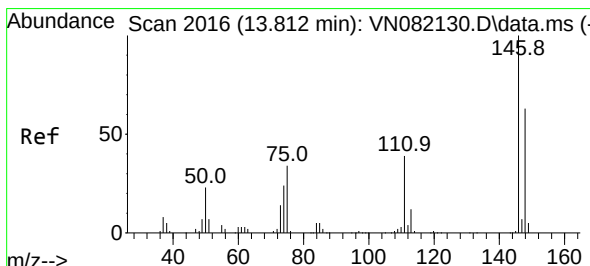
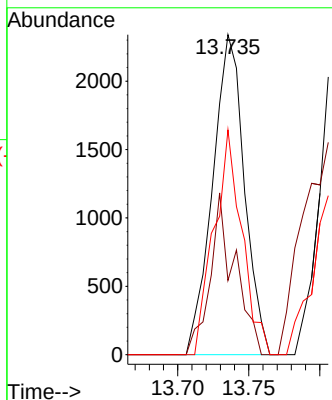
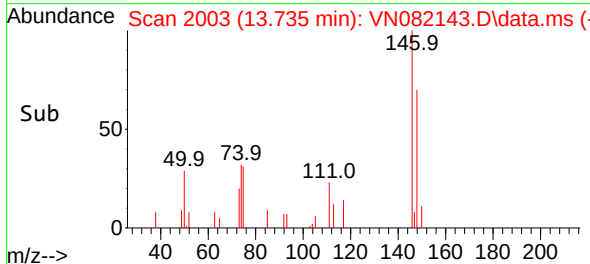
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



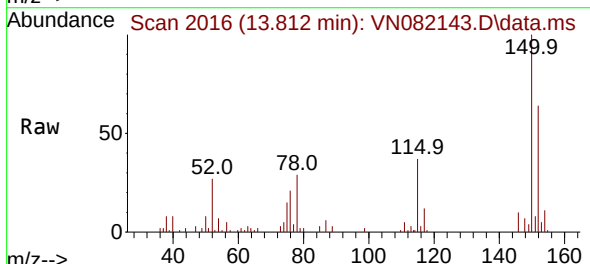
Tgt Ion:146 Resp: 3640
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.5
148 61.8 32.1 96.3

Manual Integrations
APPROVED

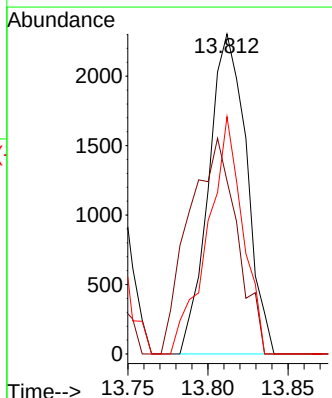
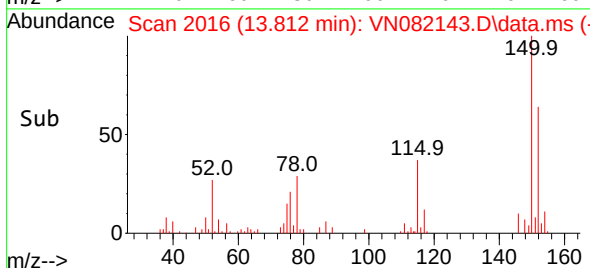
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

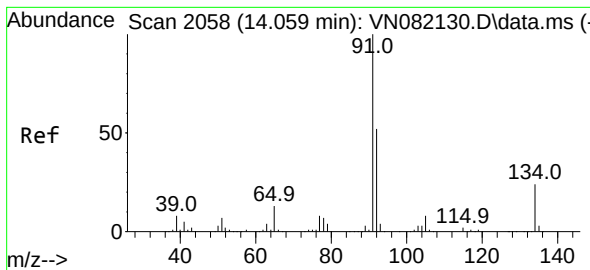


#88
1,4-Dichlorobenzene
Concen: 0.997 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



Tgt Ion:146 Resp: 3791
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.9
148 59.4 31.3 93.9





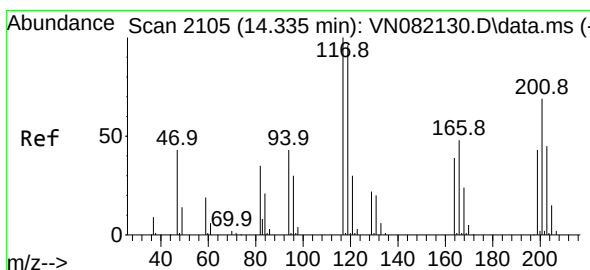
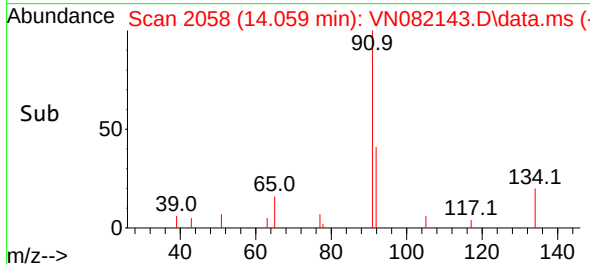
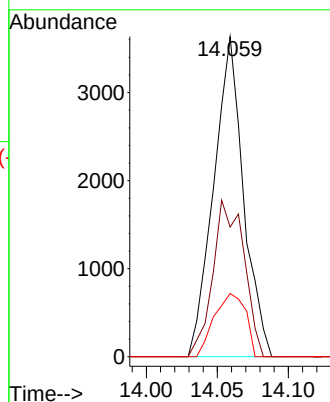
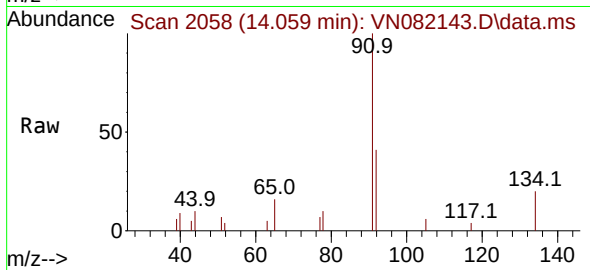
#89
n-Butylbenzene
Concen: 0.856 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

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

Tgt Ion: 91 Resp: 529
Ion Ratio Lower Upper
91 100
92 51.1 26.2 78.5
134 20.7 13.2 39.5

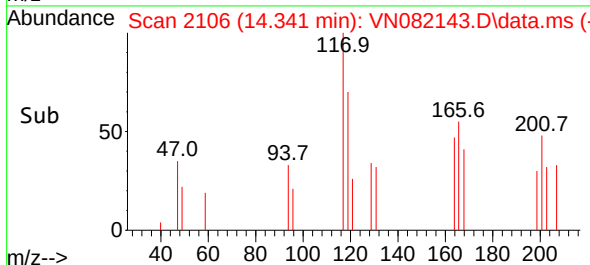
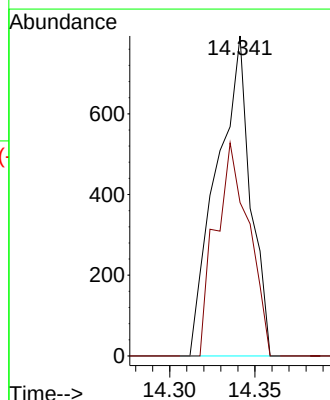
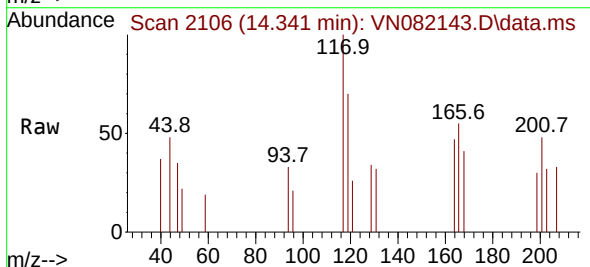
Manual Integrations
APPROVED

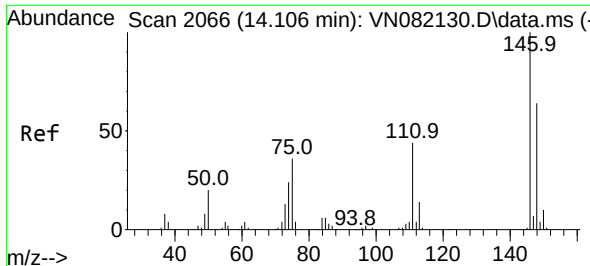
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#90
Hexachloroethane
Concen: 0.859 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

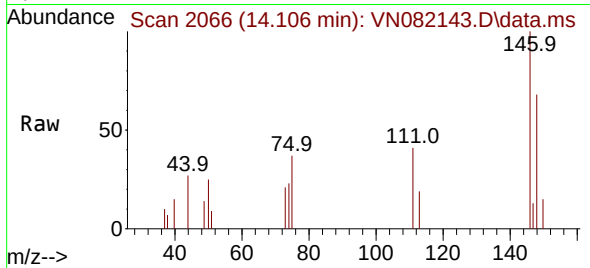
Tgt Ion:117 Resp: 1094
Ion Ratio Lower Upper
117 100
201 65.5 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 0.982 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02

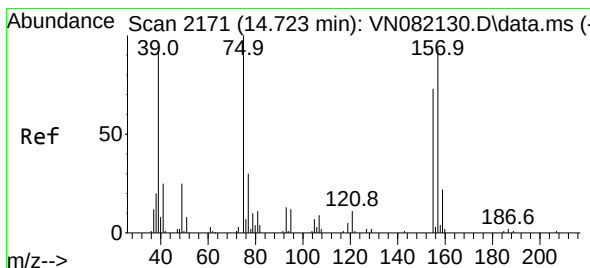
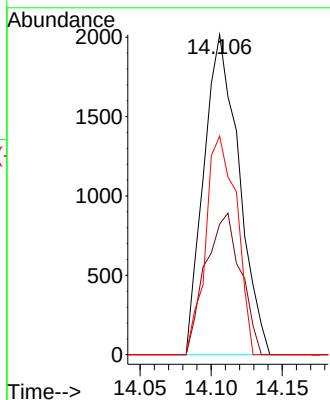
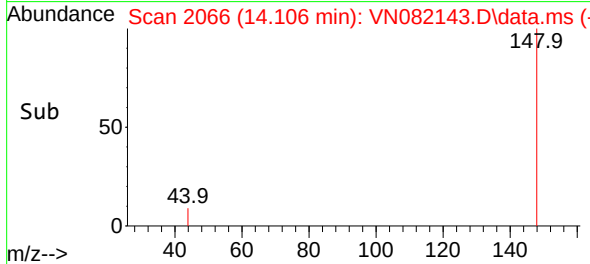
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



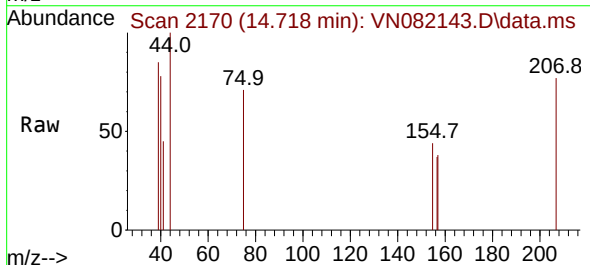
Tgt Ion:146 Resp: 346
Ion Ratio Lower Upper
146 100
111 44.6 21.3 64.0
148 60.2 31.8 95.4

Manual Integrations
APPROVED

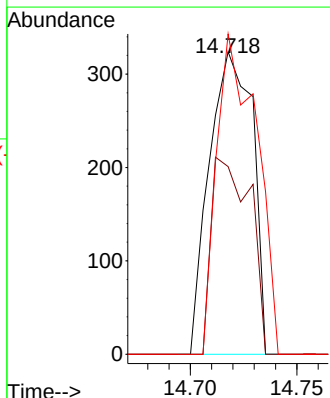
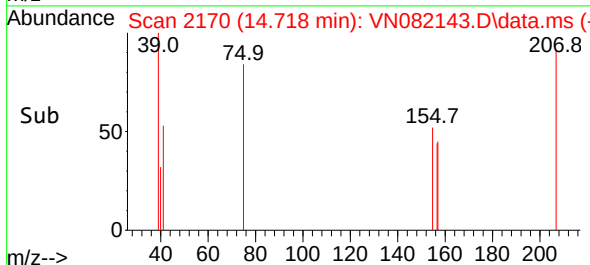
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

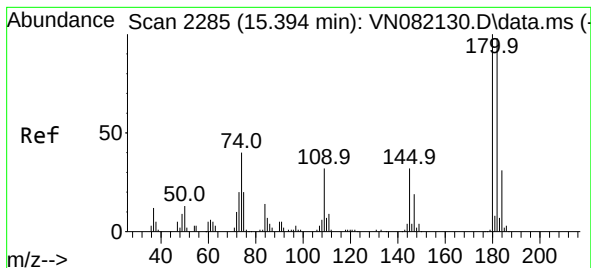


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.896 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082143.D
Acq: 15 May 2024 20:02



Tgt Ion: 75 Resp: 458
Ion Ratio Lower Upper
75 100
155 58.3 42.6 128.0
157 97.8 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 0.979 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

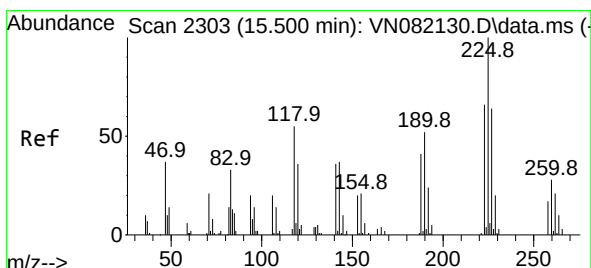
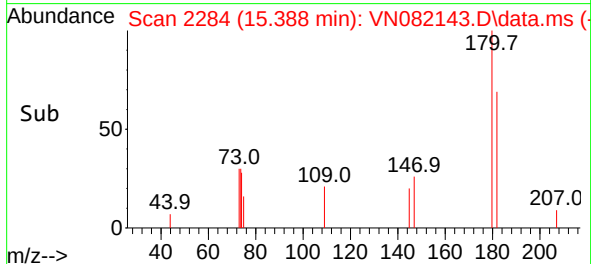
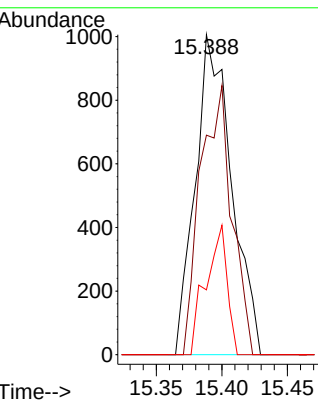
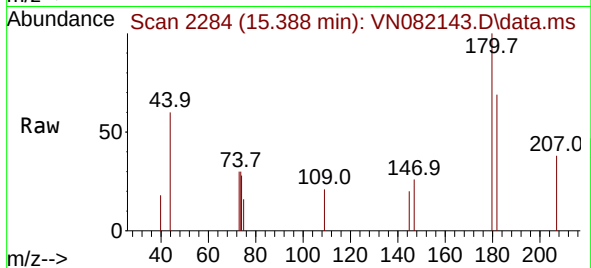
Tgt Ion:180	Resp:	1930
Ion Ratio	Lower	Upper
180	100	
182	72.8	46.7 140.0
145	23.6	16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#94

Hexachlorobutadiene

Concen: 0.806 ug/l

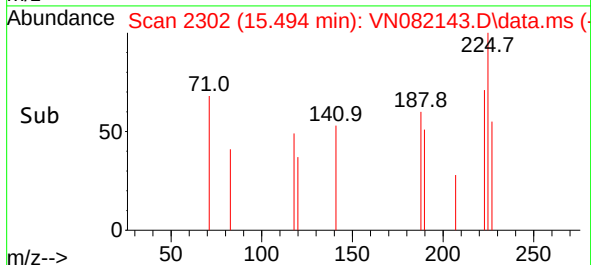
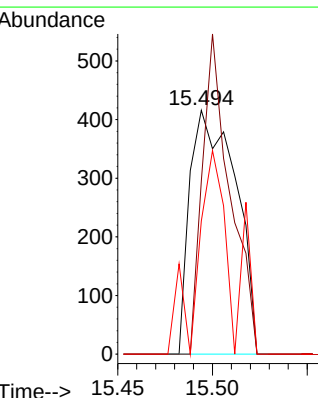
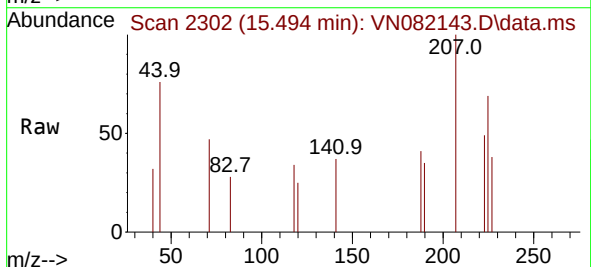
RT: 15.494 min Scan# 2302

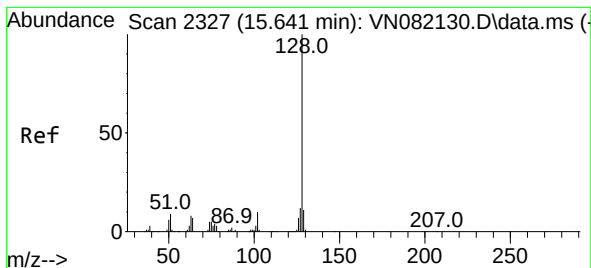
Delta R.T. -0.006 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Tgt Ion:225	Resp:	699
Ion Ratio	Lower	Upper
225	100	
223	79.3	31.1 93.2
227	62.7	30.6 91.6





#95

Naphthalene

Concen: 0.772 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

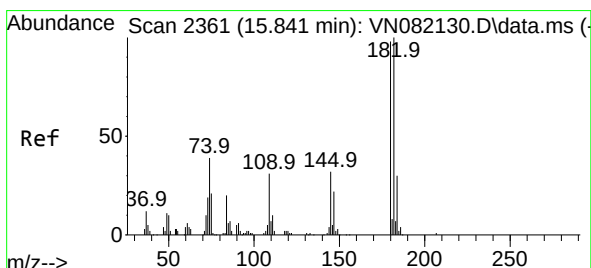
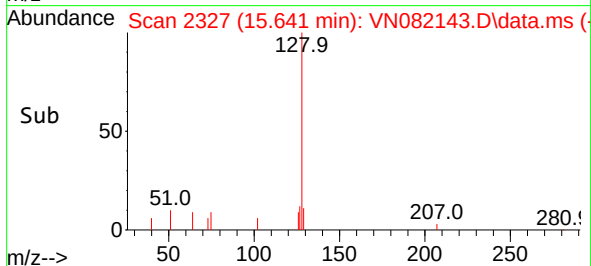
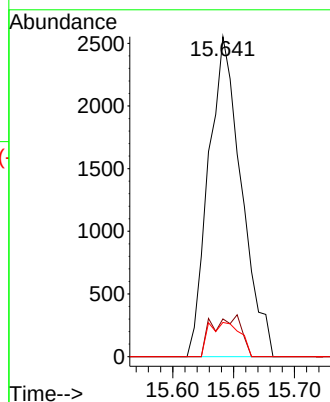
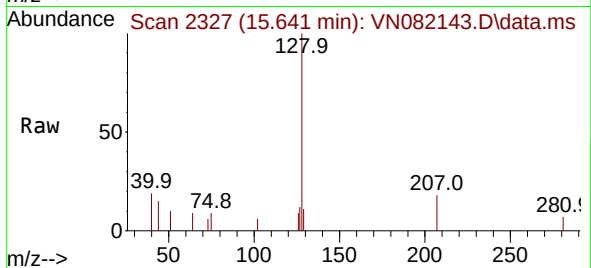
Tgt Ion:128	Resp:	4780
Ion Ratio	Lower	Upper
128	100	
127	11.5	10.1 15.1
129	10.2	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.770 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082143.D

Acq: 15 May 2024 20:02

Tgt Ion:180	Resp:	1525
Ion Ratio	Lower	Upper
180	100	
182	98.8	46.0 137.8
145	27.9	17.1 51.3

