

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084387.D
 Acq On : 10 Oct 2024 14:52
 Operator : JC\MD
 Sample : P4368-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 11 05:31:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111837	46.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.660%		
35) Dibromofluoromethane	8.165	113	89660	47.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.560%		
50) Toluene-d8	10.565	98	305250	43.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.500%		
62) 4-Bromofluorobenzene	12.847	95	107905	42.451	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	84.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	2015	1.058	ug/l	85
3) Chloromethane	2.365	50	2619	1.204	ug/l	98
4) Vinyl Chloride	2.512	62	2455	1.165	ug/l #	81
5) Bromomethane	2.965	94	1675	1.205	ug/l	98
6) Chloroethane	3.118	64	2877m	1.906	ug/l	
7) Trichlorofluoromethane	3.506	101	3630	1.106	ug/l #	79
8) Diethyl Ether	3.959	74	1015	0.834	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	4.365	101	2117m	1.126	ug/l	
10) Methyl Iodide	4.583	142	2353	0.972	ug/l #	71
11) Tert butyl alcohol	5.524	59	1985	5.041	ug/l #	73
12) 1,1-Dichloroethene	4.342	96	1715	0.946	ug/l	88
13) Acrolein	4.195	56	1179	2.608	ug/l #	62
14) Allyl chloride	5.036	41	2775	0.881	ug/l #	91
15) Acrylonitrile	5.718	53	4693	4.719	ug/l	98
16) Acetone	4.442	43	6340	6.180	ug/l	90
17) Carbon Disulfide	4.712	76	5834	1.016	ug/l	98
18) Methyl Acetate	5.012	43	1340	0.599	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	5849	0.956	ug/l	95
20) Methylene Chloride	5.277	84	2587	1.241	ug/l #	54
21) trans-1,2-Dichloroethene	5.795	96	2295	1.208	ug/l	83
22) Diisopropyl ether	6.671	45	5749	0.882	ug/l #	93
23) Vinyl Acetate	6.606	43	19915	4.121	ug/l	97
24) 1,1-Dichloroethane	6.559	63	4375	1.201	ug/l #	77
25) 2-Butanone	7.489	43	7490	5.360	ug/l	97
26) 2,2-Dichloropropane	7.483	77	3551	1.081	ug/l	77
27) cis-1,2-Dichloroethene	7.483	96	2262	0.985	ug/l	97
28) Bromochloromethane	7.812	49	2185	1.344	ug/l #	93
29) Tetrahydrofuran	7.847	42	3732	4.328	ug/l	97
30) Chloroform	7.965	83	4176	1.103	ug/l #	83
31) Cyclohexane	8.224	56	6869	1.942	ug/l #	11
32) 1,1,1-Trichloroethane	8.165	97	3663	1.078	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	2815	1.022	ug/l #	92
37) Ethyl Acetate	7.571	43	2517	0.891	ug/l #	90
38) Carbon Tetrachloride	8.353	117	3130	1.036	ug/l	84
39) Methylcyclohexane	9.600	83	2654	0.866	ug/l #	83
40) Benzene	8.612	78	8782	1.023	ug/l	95

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Reviewed By :John Carlone 10/11/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	1426	0.929	ug/l #	84
42) 1,2-Dichloroethane	8.665	62	3482	1.197	ug/l	81
43) Isopropyl Acetate	8.688	43	5985	1.081	ug/l #	87
44) Trichloroethene	9.347	130	2268	1.131	ug/l	98
45) 1,2-Dichloropropane	9.618	63	2089	1.029	ug/l #	62
46) Dibromomethane	9.706	93	1631	1.190	ug/l	84
47) Bromodichloromethane	9.888	83	3575	1.174	ug/l #	84
48) Methyl methacrylate	9.677	41	1858	0.843	ug/l	94
49) 1,4-Dioxane	9.706	88	650	16.023	ug/l #	71
51) 4-Methyl-2-Pentanone	10.441	43	11268	4.188	ug/l	92
52) Toluene	10.624	92	5436	1.039	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	2801	0.903	ug/l #	86
54) cis-1,3-Dichloropropene	10.318	75	2994	0.897	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	2135	1.138	ug/l #	88
56) Ethyl methacrylate	10.871	69	2503	0.811	ug/l	91
57) 1,3-Dichloropropane	11.171	76	3462	1.033	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	7009	4.894	ug/l	98
59) 2-Hexanone	11.194	43	8487	4.221	ug/l	99
60) Dibromochloromethane	11.365	129	2372	1.070	ug/l	91
61) 1,2-Dibromoethane	11.471	107	2201	1.129	ug/l	100
64) Tetrachloroethene	11.100	164	1717	0.976	ug/l	92
65) Chlorobenzene	11.894	112	5870	1.048	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	1934	1.003	ug/l #	59
67) Ethyl Benzene	11.959	91	9059	0.915	ug/l	91
68) m/p-Xylenes	12.071	106	5858	1.599	ug/l	96
69) o-Xylene	12.394	106	2737	0.790	ug/l	91
70) Styrene	12.406	104	4733	0.806	ug/l	96
71) Bromoform	12.582	173	1400	0.986	ug/l #	98
73) Isopropylbenzene	12.694	105	7312	0.867	ug/l	99
74) N-amyl acetate	12.494	43	3178	0.832	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	2866	1.130	ug/l #	92
76) 1,2,3-Trichloropropane	12.994	75	3429	1.519	ug/l	69
77) Bromobenzene	12.976	156	2432	1.195	ug/l	86
78) n-propylbenzene	13.035	91	9428	0.964	ug/l	99
79) 2-Chlorotoluene	13.124	91	6402	1.026	ug/l	95
80) 1,3,5-Trimethylbenzene	13.171	105	5935	0.862	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	659m	0.700	ug/l	
82) 4-Chlorotoluene	13.224	91	5549	0.884	ug/l	92
83) tert-Butylbenzene	13.435	119	5615	0.918	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	5251	0.757	ug/l	98
85) sec-Butylbenzene	13.618	105	7303	0.895	ug/l	93
86) p-Isopropyltoluene	13.729	119	5040	0.747	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	3782	0.991	ug/l	96
88) 1,4-Dichlorobenzene	13.806	146	3841m	0.996	ug/l	
89) n-Butylbenzene	14.047	91	5127	0.838	ug/l	97
90) Hexachloroethane	14.335	117	1366	0.997	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	3410	0.911	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.718	75	496	0.947	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	1786	0.968	ug/l	92
94) Hexachlorobutadiene	15.494	225	837	0.910	ug/l	95
95) Naphthalene	15.647	128	4316	0.706	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	1611	0.873	ug/l	94

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LOQ-WATER-02-QT4-2024

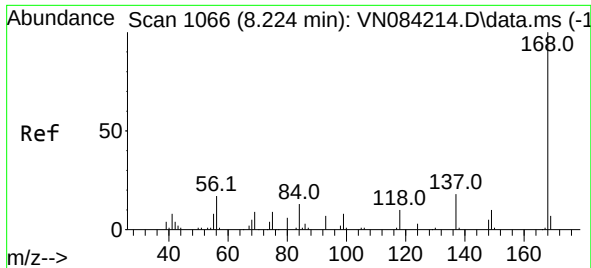
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/14/2024

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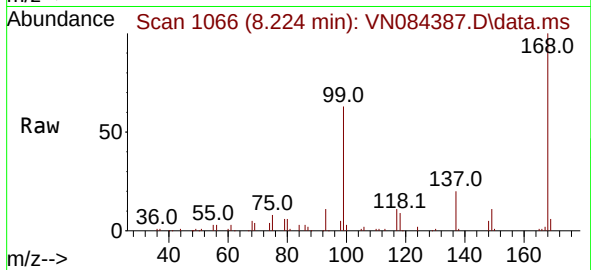
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084387.D
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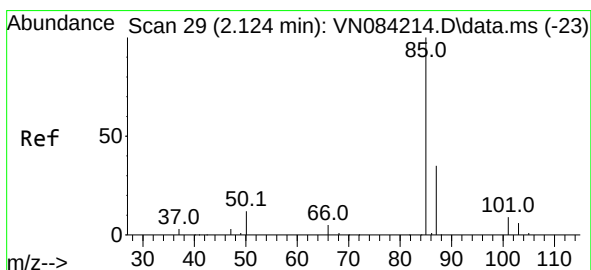
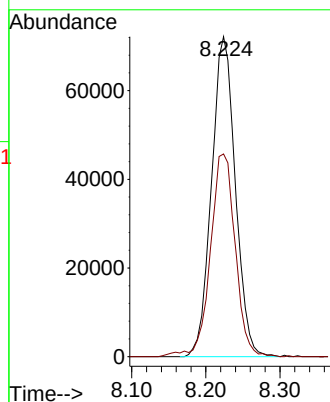
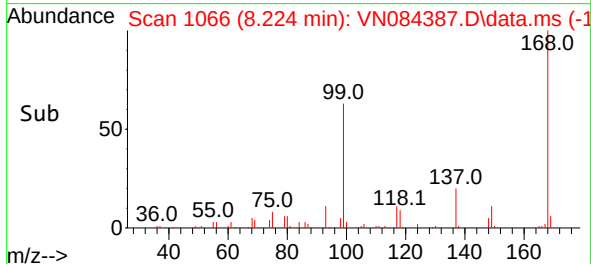
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 161070
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2

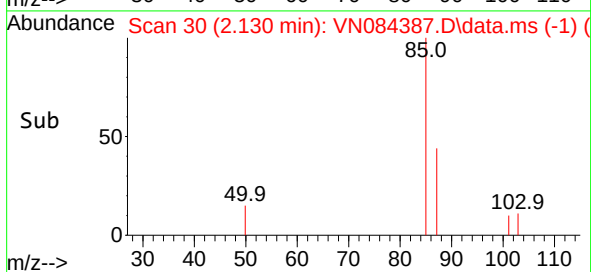
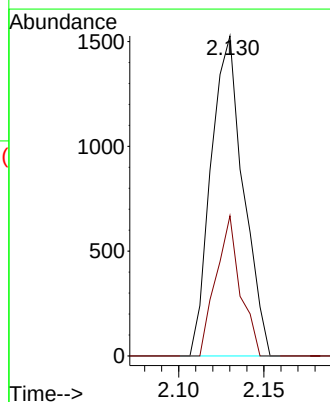
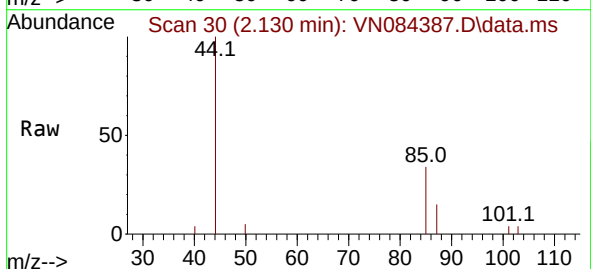
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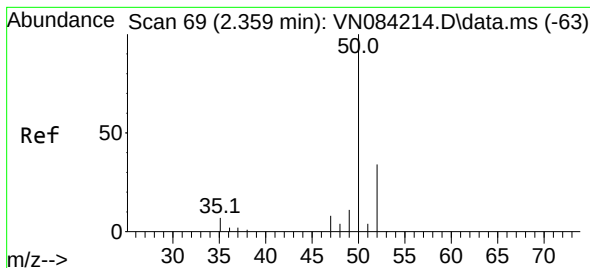
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 1.058 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Tgt Ion: 85 Resp: 2015
Ion Ratio Lower Upper
85 100
87 43.8 17.6 52.9





#3

Chloromethane

Concen: 1.204 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 50 Resp: 2619

Ion Ratio Lower Upper

50 100

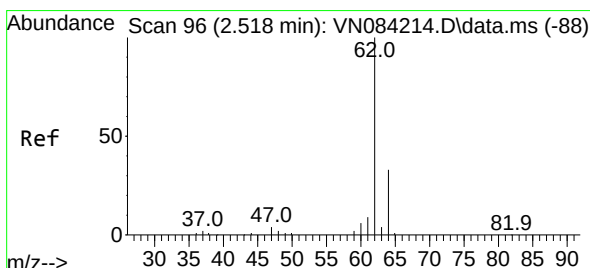
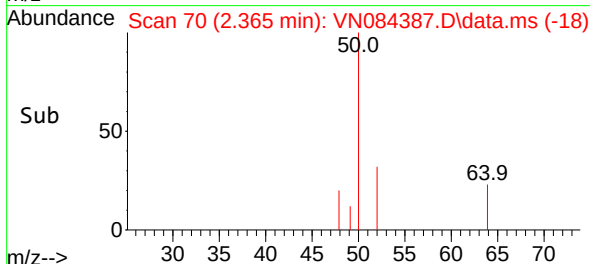
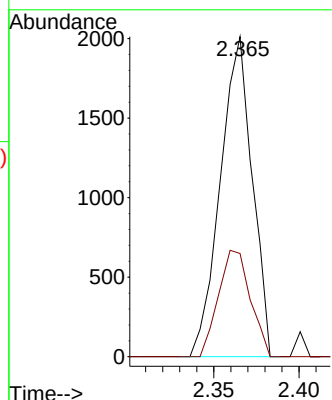
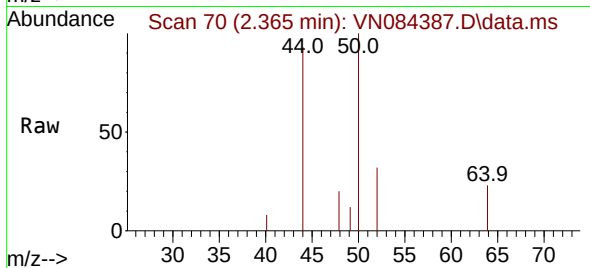
52 32.3 26.8 40.2

Manual Integrations

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Supervised By :Mahesh Dadoda 10/14/2024



#4

Vinyl Chloride

Concen: 1.165 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084387.D

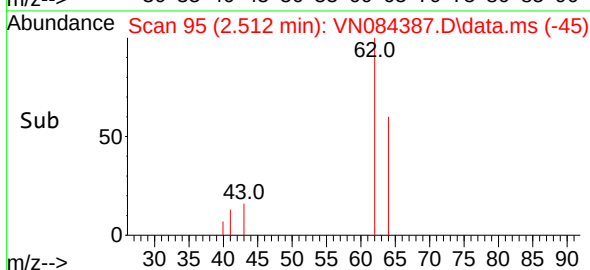
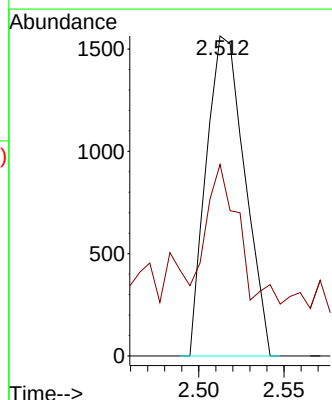
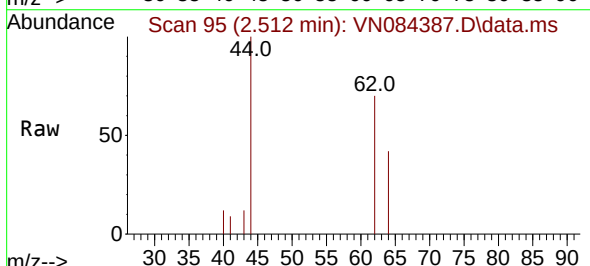
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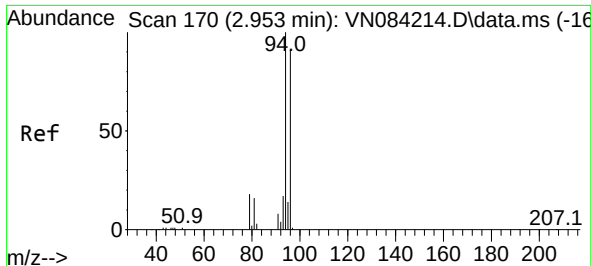
Tgt Ion: 62 Resp: 2455

Ion Ratio Lower Upper

62 100

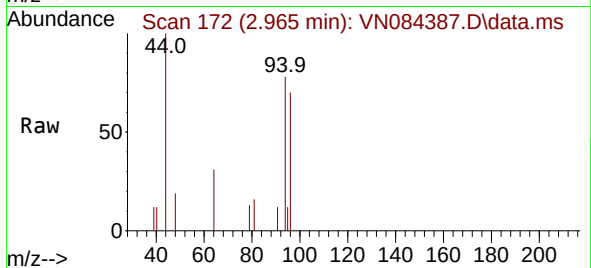
64 43.7 26.2 39.4





#5
Bromomethane
Concen: 1.205 ug/l
RT: 2.965 min Scan# 170
Delta R.T. 0.012 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

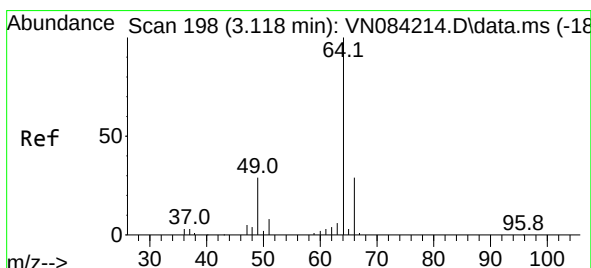
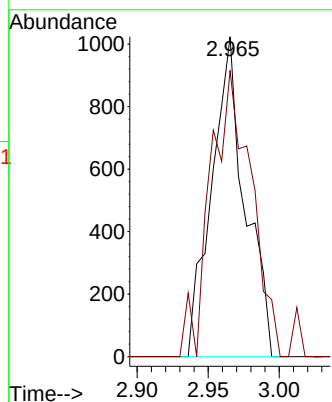
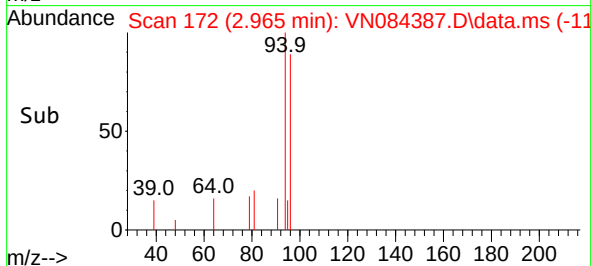
Instrument :
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Tgt Ion: 94 Resp: 1679
Ion Ratio Lower Upper
94 100
96 89.5 72.9 109.3

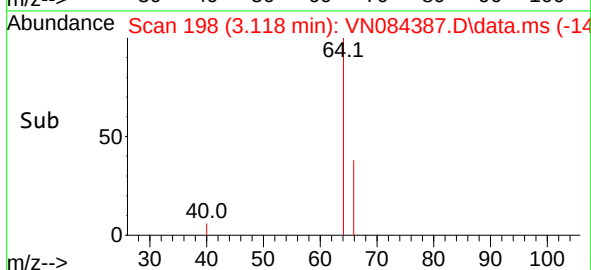
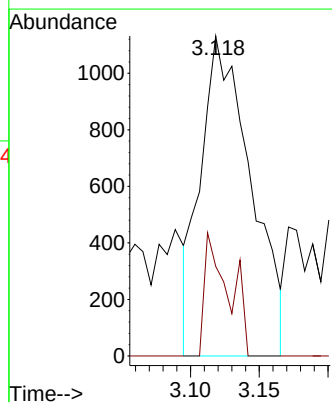
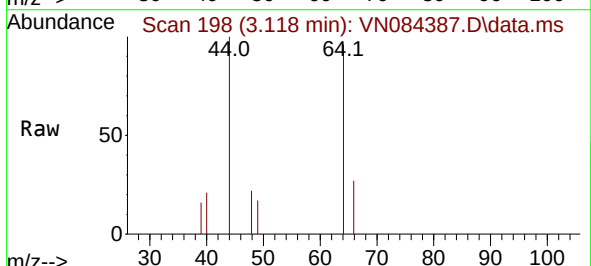
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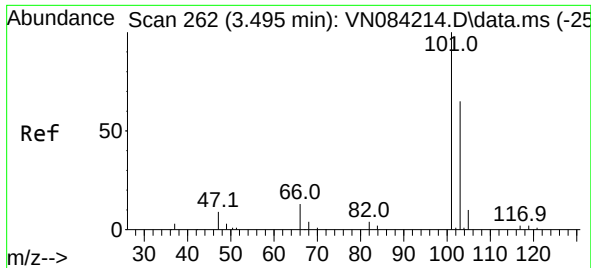
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#6
Chloroethane
Concen: 1.906 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084387.D
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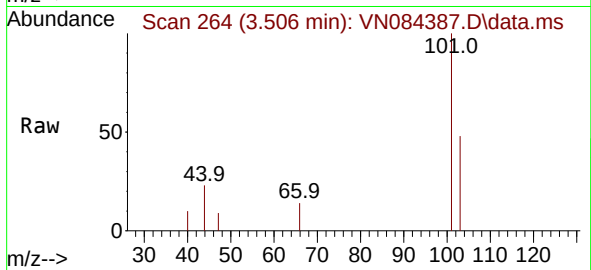
Tgt Ion: 64 Resp: 2877
Ion Ratio Lower Upper
64 100
66 28.0 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 1.106 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.012 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

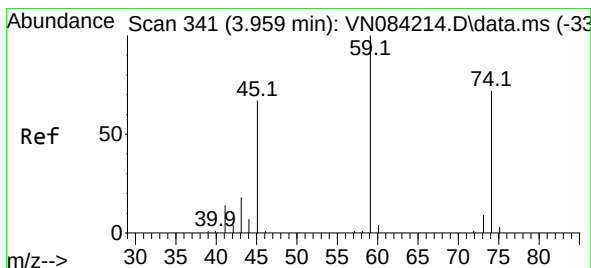
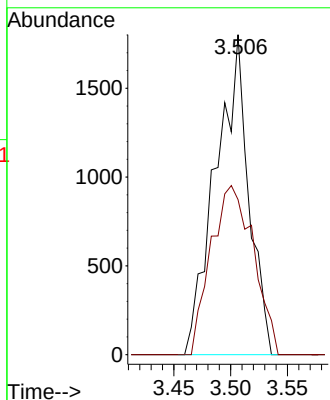
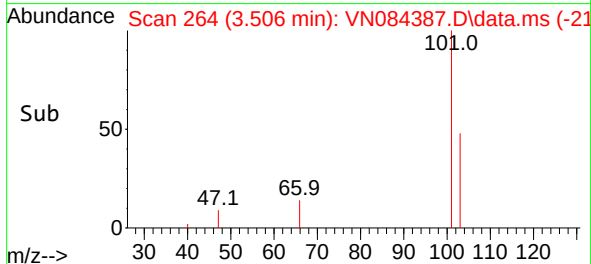
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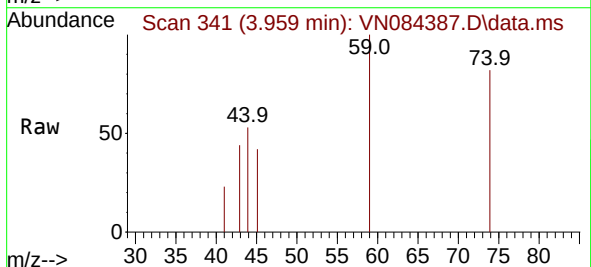
Tgt Ion:101 Resp: 3630
 Ion Ratio Lower Upper
 101 100
 103 48.4 51.8 77.6

Manual Integrations
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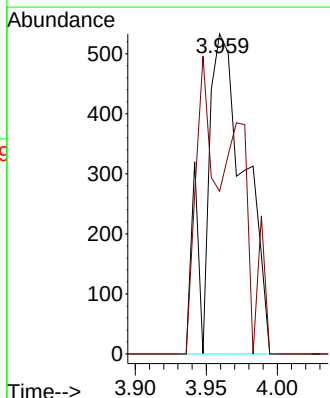
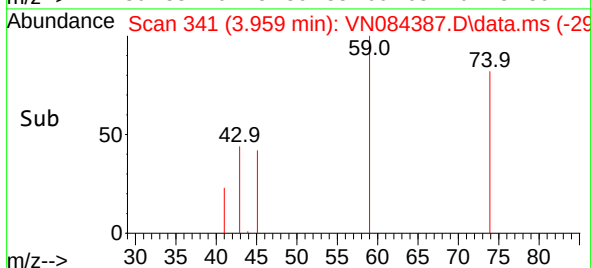
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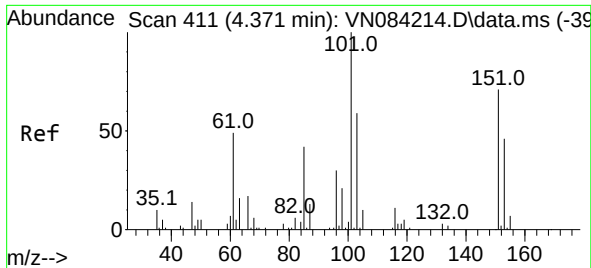


#8
 Diethyl Ether
 Concen: 0.834 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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 Acq: 10 Oct 2024 14:52



Tgt Ion: 74 Resp: 1015
 Ion Ratio Lower Upper
 74 100
 45 46.2 47.7 143.1#





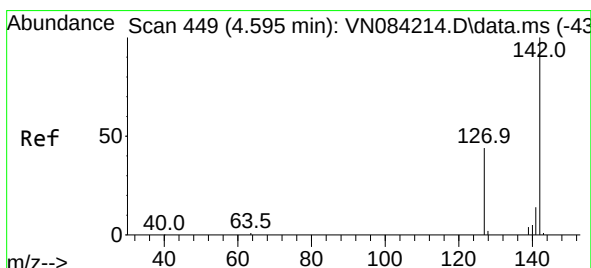
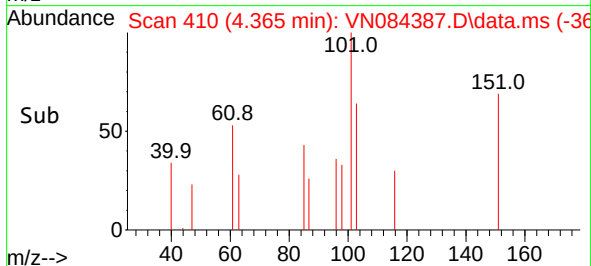
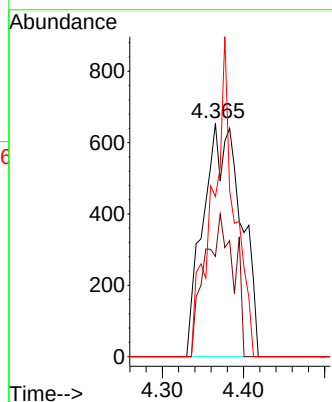
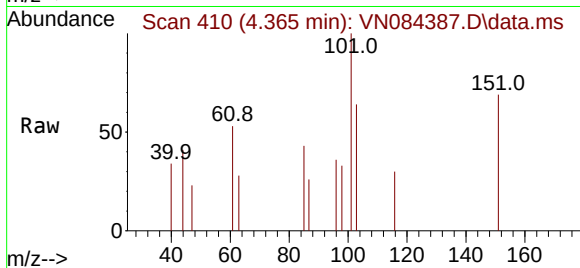
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.126 ug/l m
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:101 Resp: 211
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 78.5 59.3 88.9

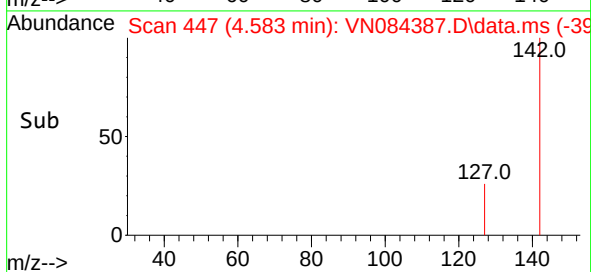
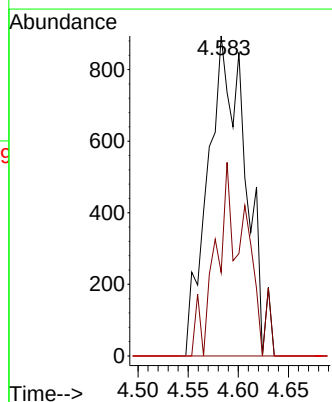
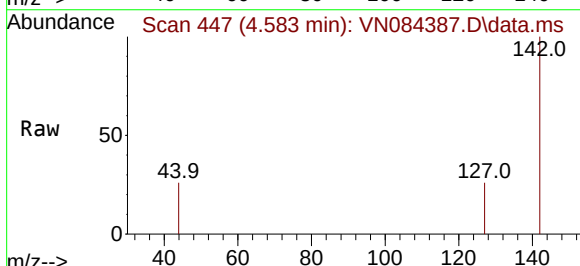
Manual Integrations
APPROVED

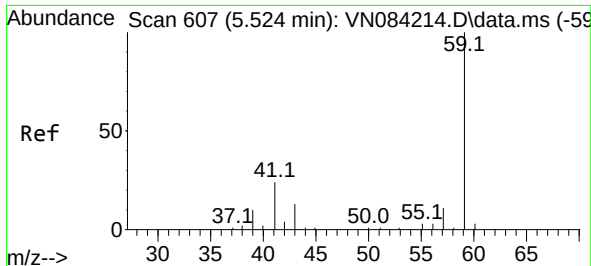
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 0.972 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

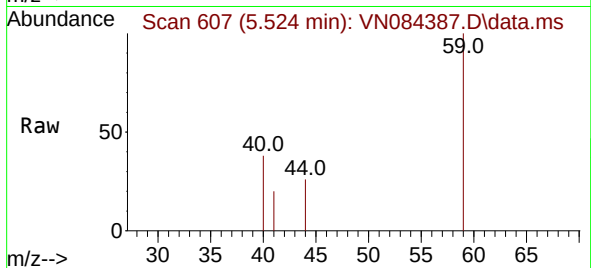
Tgt Ion:142 Resp: 2353
Ion Ratio Lower Upper
142 100
127 26.1 35.3 52.9#
141 0.0 11.0 16.6#





#11
Tert butyl alcohol
Concen: 5.041 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

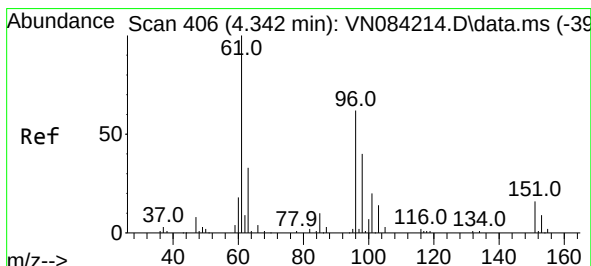
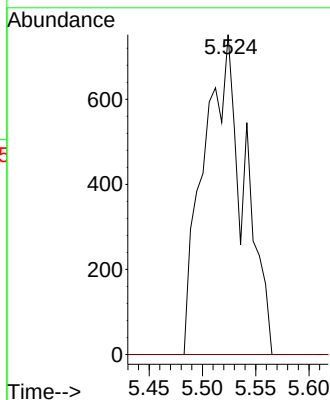
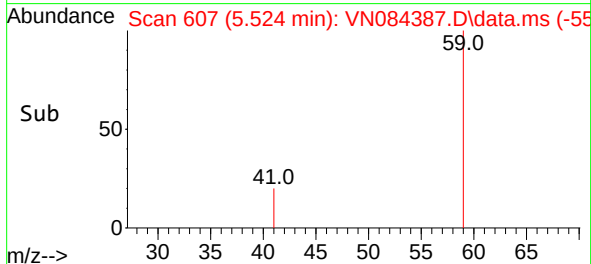
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



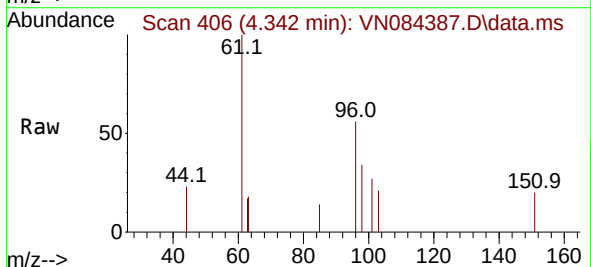
Tgt Ion: 59 Resp: 1985
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

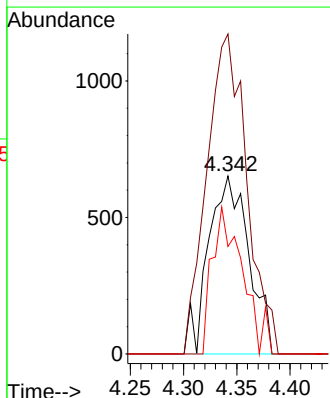
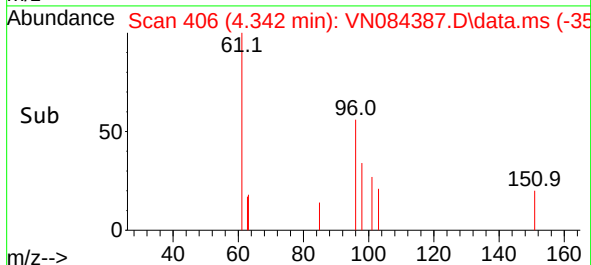
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

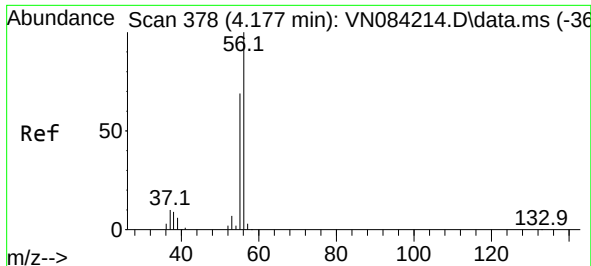


#12
1,1-Dichloroethene
Concen: 0.946 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



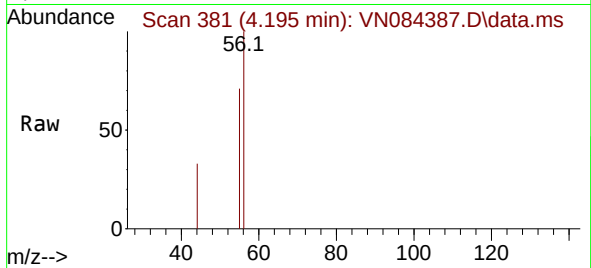
Tgt Ion: 96 Resp: 1715
Ion Ratio Lower Upper
96 100
61 179.8 128.6 192.8
98 60.4 51.7 77.5





#13
Acrolein
Concen: 2.608 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

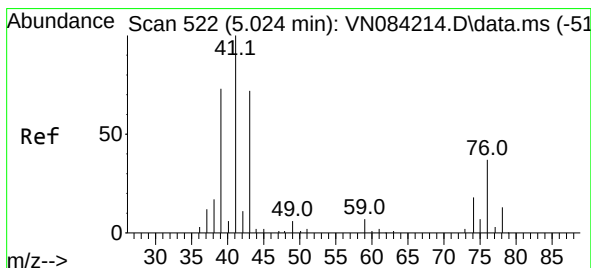
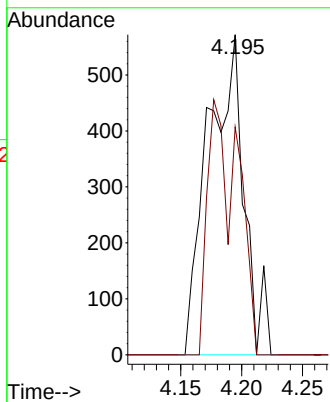
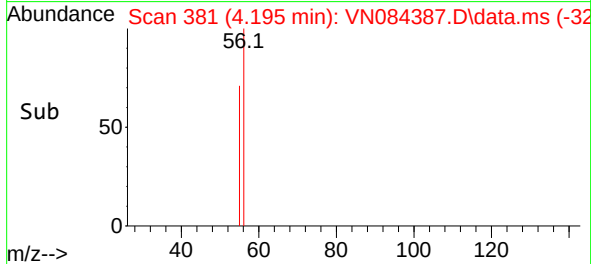
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 56 Resp: 1179
Ion Ratio Lower Upper
56 100
55 40.2 57.2 85.8

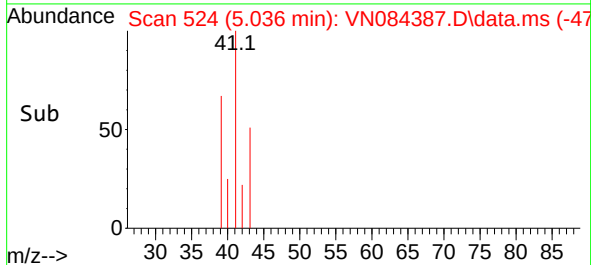
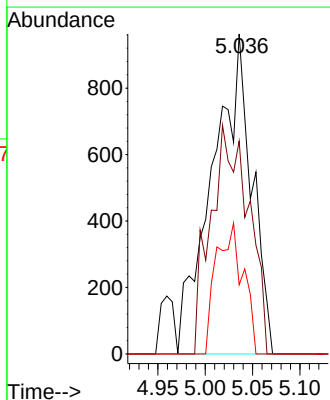
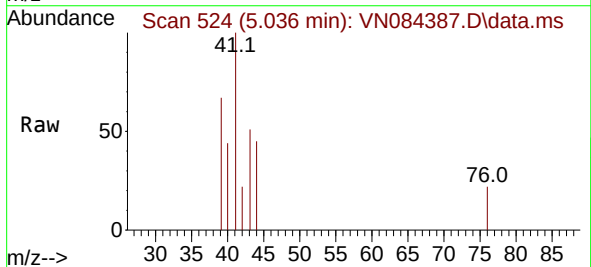
Manual Integrations
APPROVED

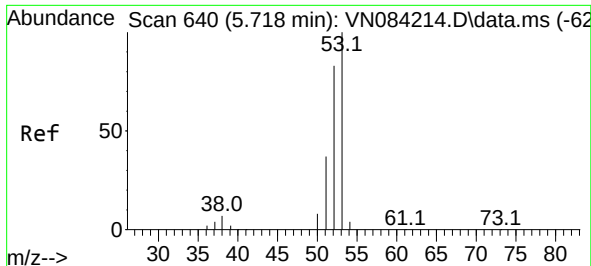
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#14
Allyl chloride
Concen: 0.881 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

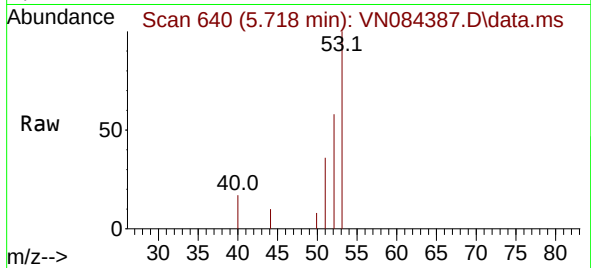
Tgt Ion: 41 Resp: 2775
Ion Ratio Lower Upper
41 100
39 69.2 59.0 88.6
76 27.9 29.8 44.6





#15
Acrylonitrile
Concen: 4.719 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

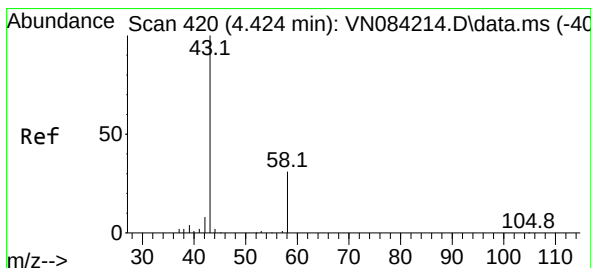
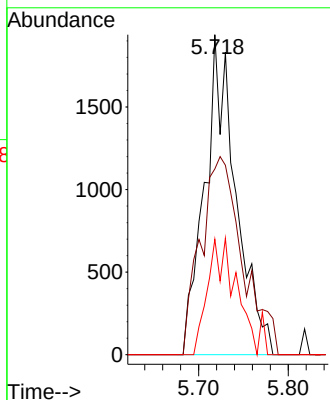
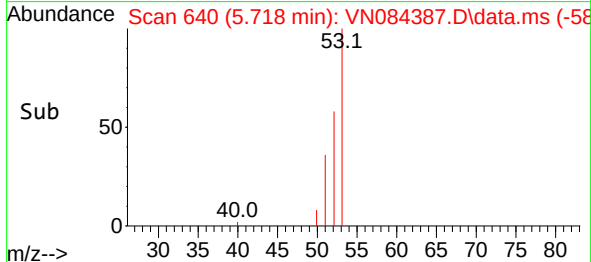
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 53 Resp: 469
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.4
51 32.7 28.8 43.2

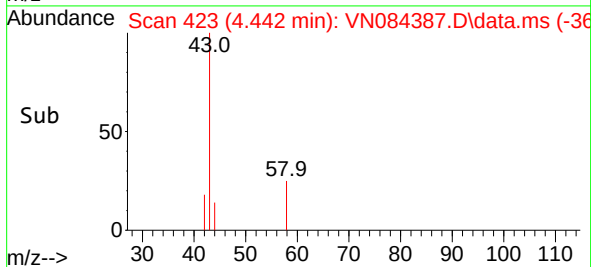
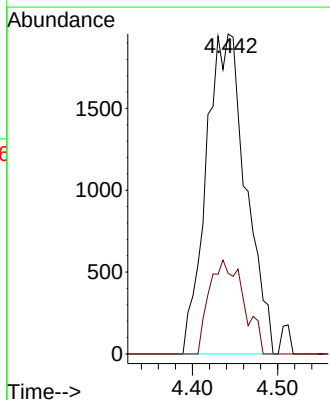
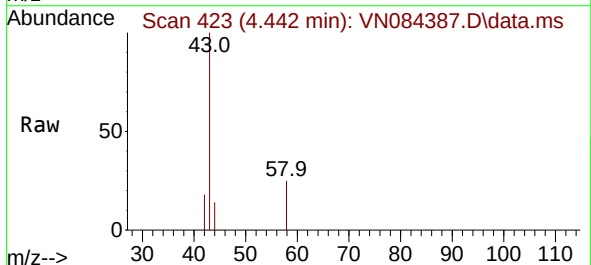
Manual Integrations
APPROVED

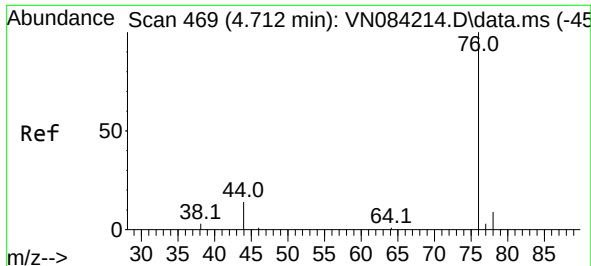
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 6.180 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

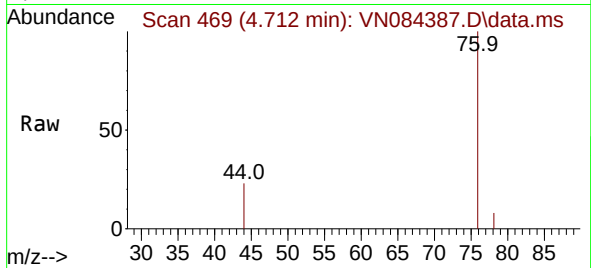
Tgt Ion: 43 Resp: 6340
Ion Ratio Lower Upper
43 100
58 25.2 24.4 36.6





#17
Carbon Disulfide
Concen: 1.016 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

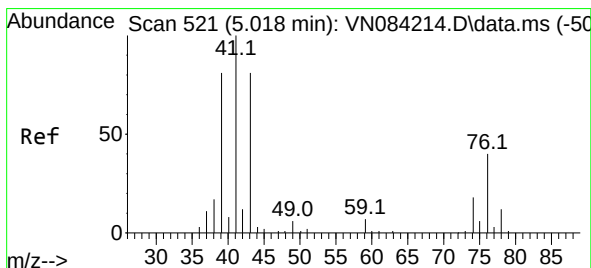
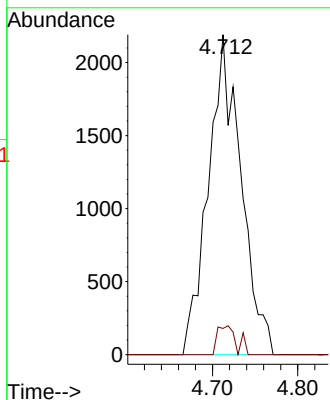
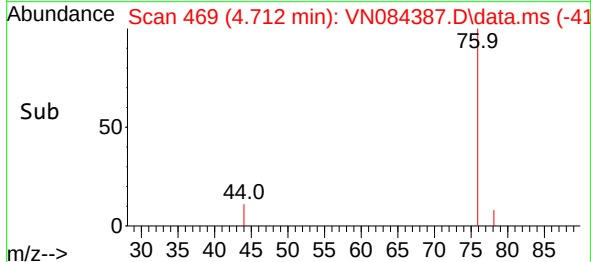
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 76 Resp: 5834
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9

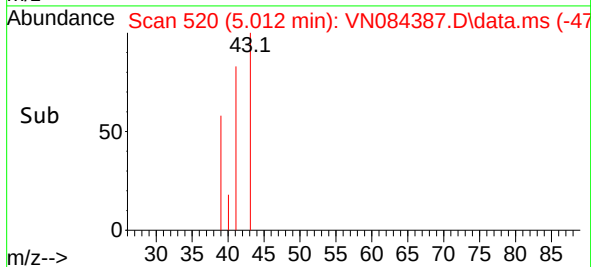
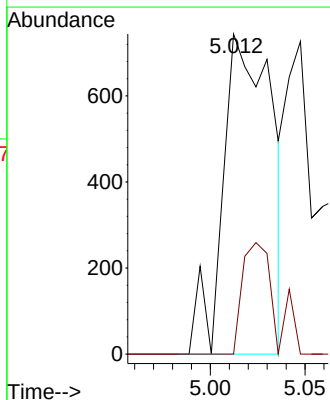
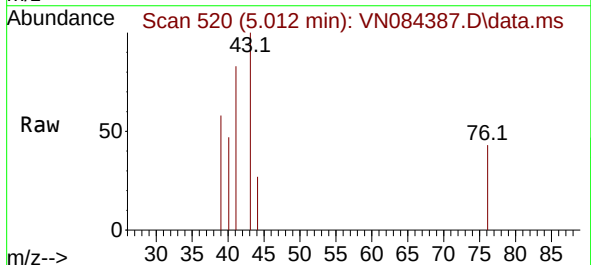
Manual Integrations
APPROVED

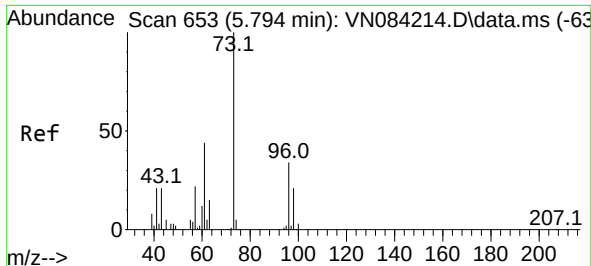
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 0.599 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8





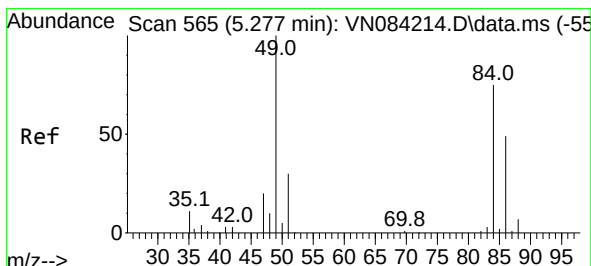
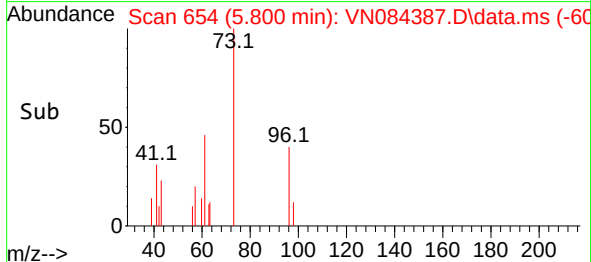
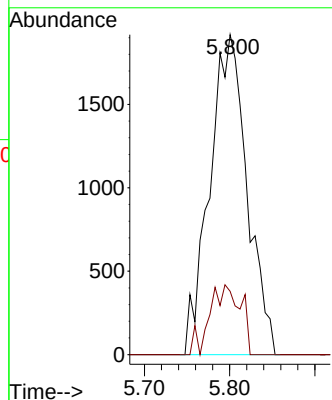
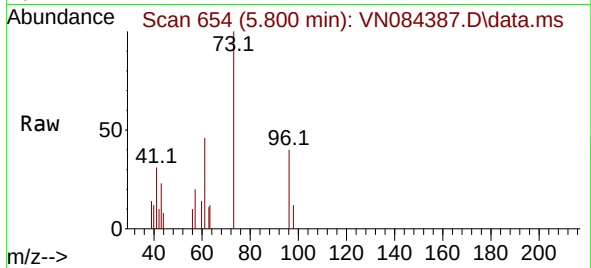
#19
Methyl tert-butyl Ether
Concen: 0.956 ug/l
RT: 5.800 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 73 Resp: 5849
Ion Ratio Lower Upper
73 100
57 19.8 17.7 26.5

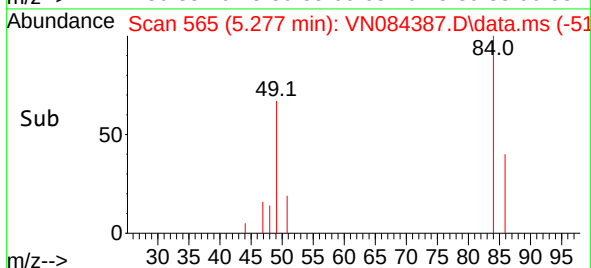
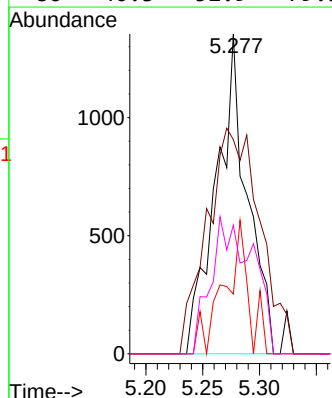
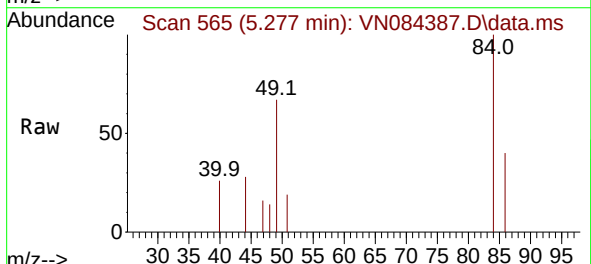
Manual Integrations
APPROVED

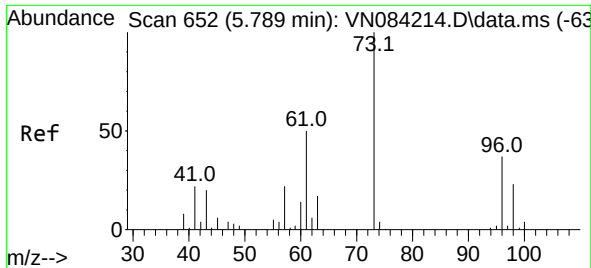
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 1.241 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

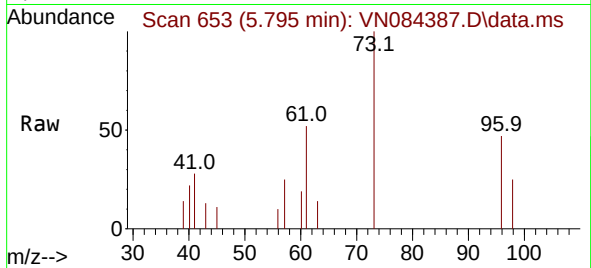
Tgt Ion: 84 Resp: 2587
Ion Ratio Lower Upper
84 100
49 67.0 107.2 160.8#
51 18.7 31.8 47.8#
86 40.3 52.9 79.3#





#21
trans-1,2-Dichloroethene
Concen: 1.208 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

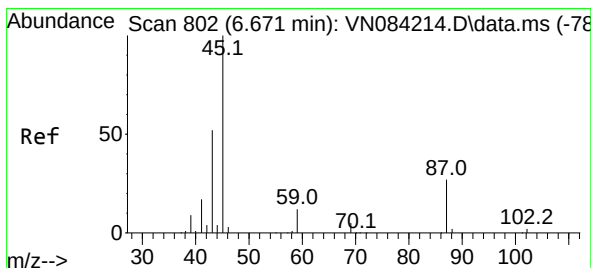
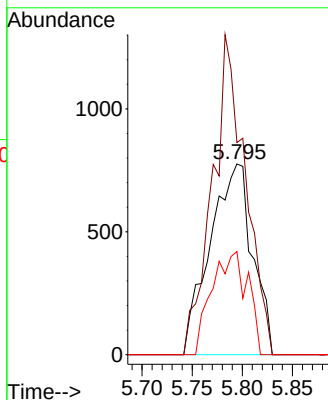
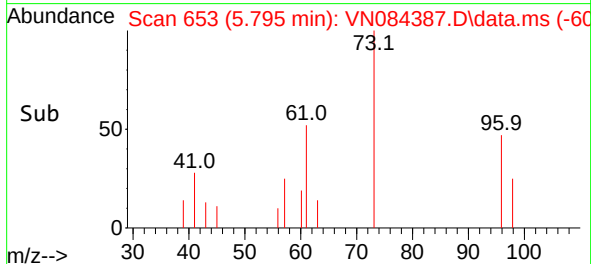
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 229
Ion Ratio Lower Upper
96 100
61 111.2 108.4 162.6
98 54.1 49.8 74.8

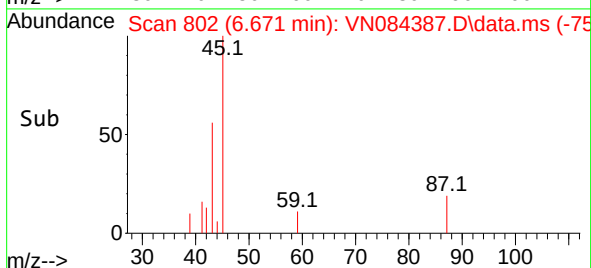
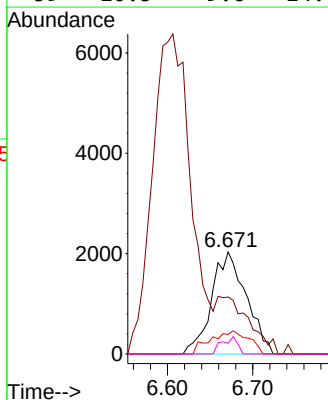
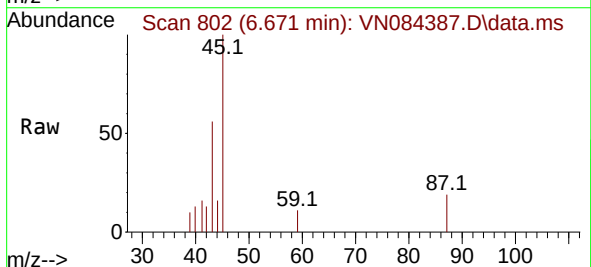
Manual Integrations
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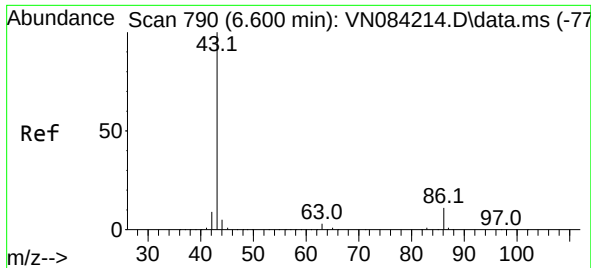
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22
Diisopropyl ether
Concen: 0.882 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Tgt Ion: 45 Resp: 5749
Ion Ratio Lower Upper
45 100
43 55.8 42.3 63.5
87 19.1 21.8 32.6#
59 10.5 9.6 14.4





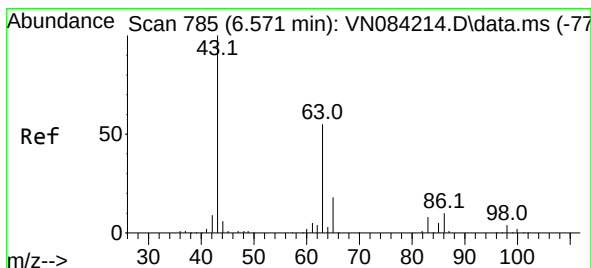
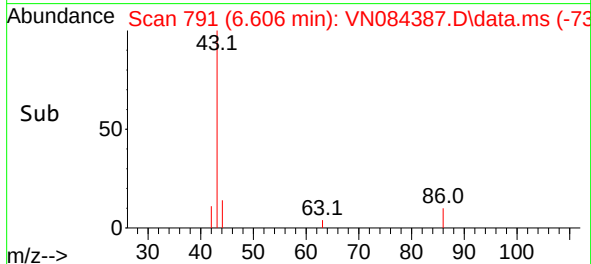
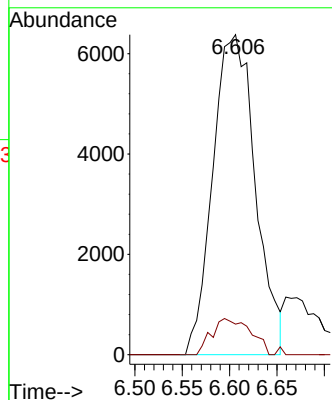
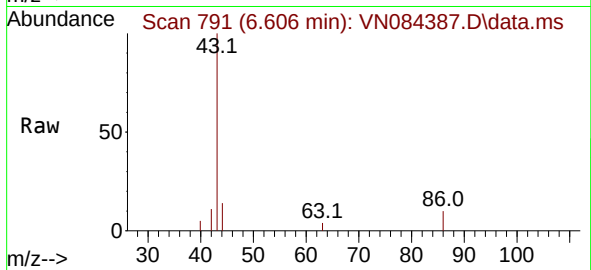
#23
 Vinyl Acetate
 Concen: 4.121 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 1991
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.6 12.8

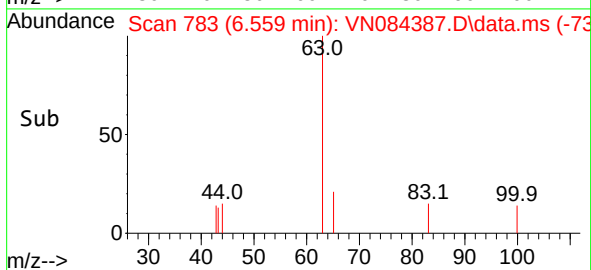
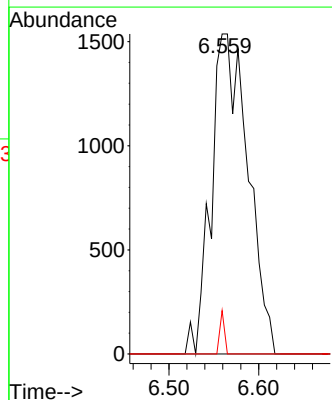
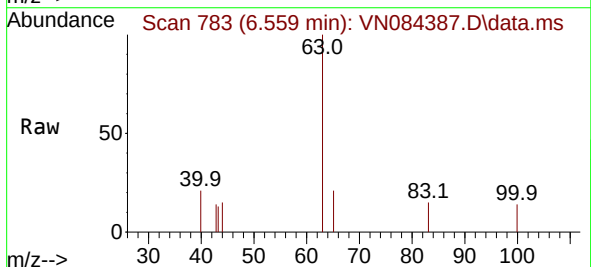
Manual Integrations
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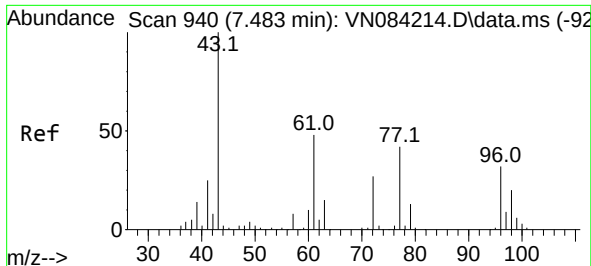
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 1.201 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

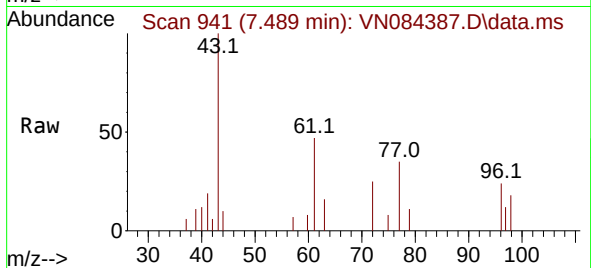
Tgt Ion: 63 Resp: 4375
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 13.5 2.0 5.8#





#25
2-Butanone
Concen: 5.360 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

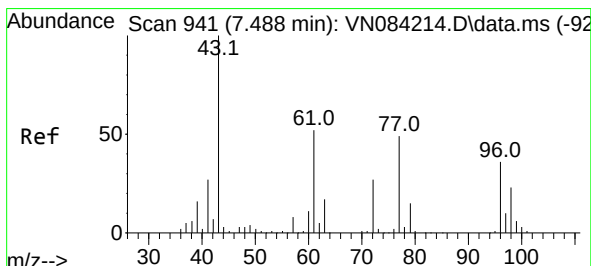
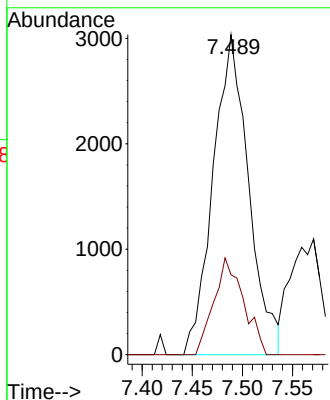
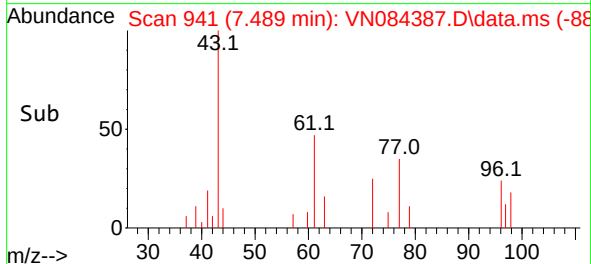
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



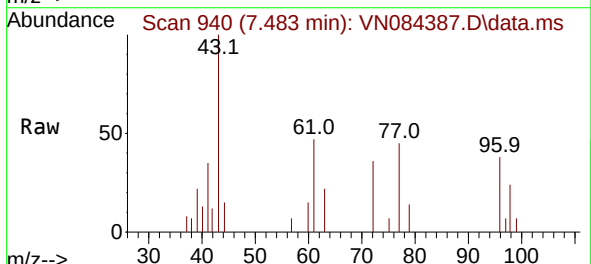
Tgt Ion: 43 Resp: 7490
Ion Ratio Lower Upper
43 100
72 25.0 21.4 32.2

Manual Integrations
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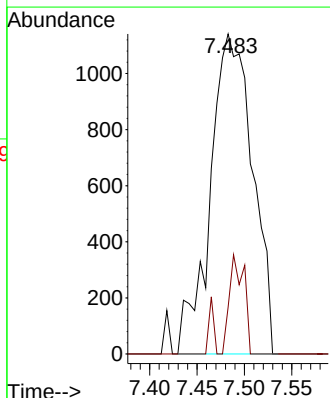
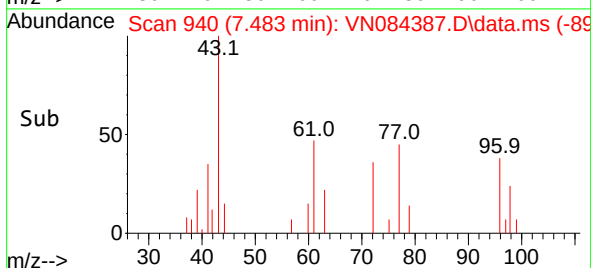
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

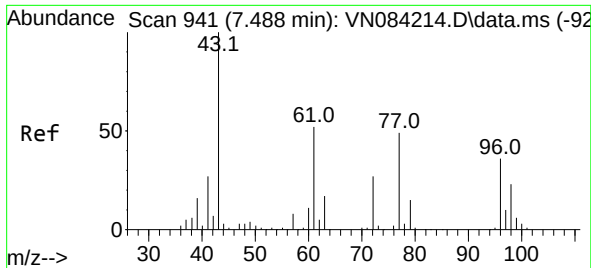


#26
2,2-Dichloropropane
Concen: 1.081 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



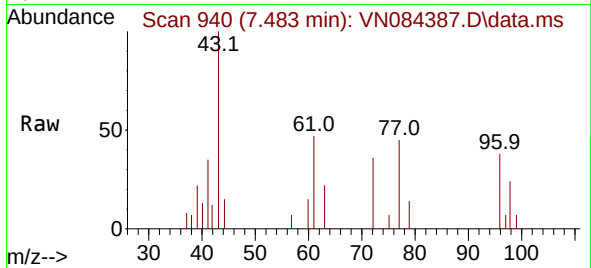
Tgt Ion: 77 Resp: 3551
Ion Ratio Lower Upper
77 100
97 10.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.985 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

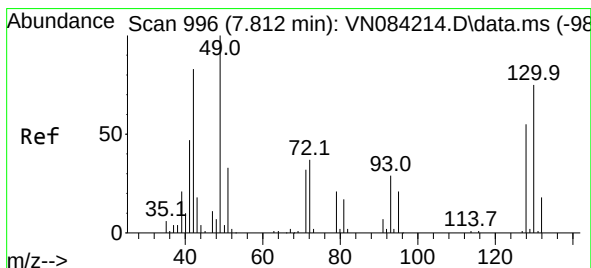
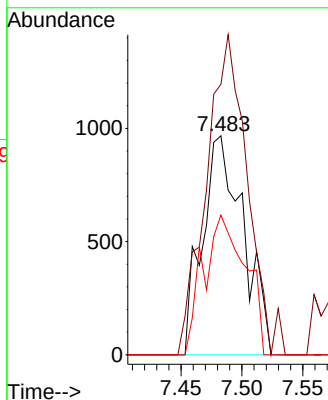
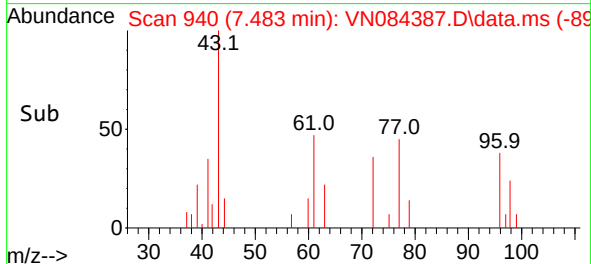
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 2262
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 301.8
 98 65.7 0.0 128.2

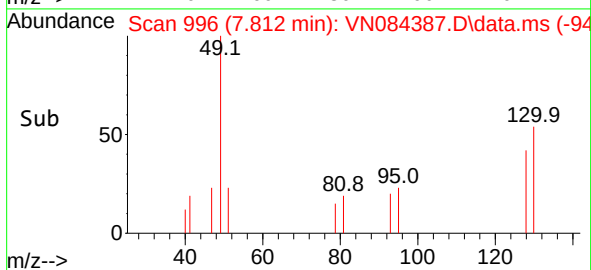
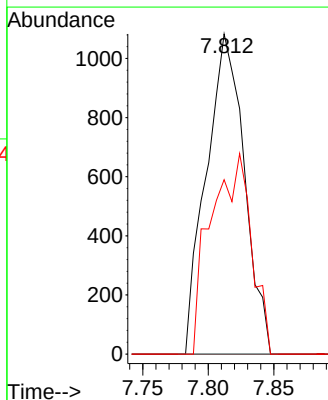
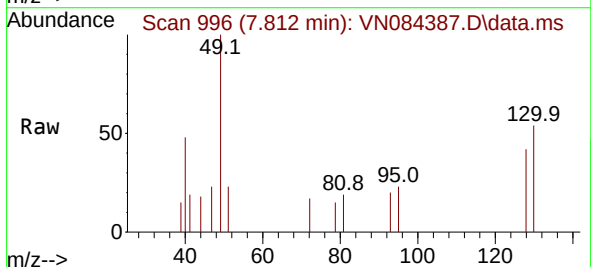
Manual Integrations
 APPROVED

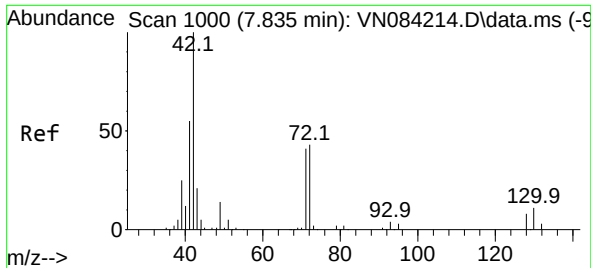
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#28
 Bromochloromethane
 Concen: 1.344 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

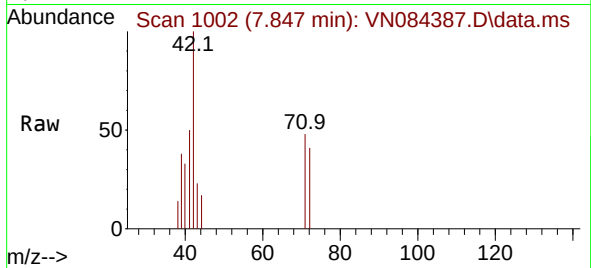
Tgt Ion: 49 Resp: 2185
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 66.8 58.0 87.0





#29
Tetrahydrofuran
Concen: 4.328 ug/l
RT: 7.847 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

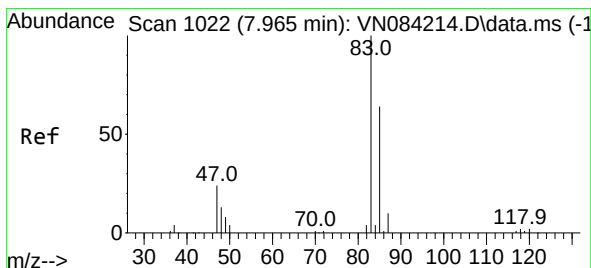
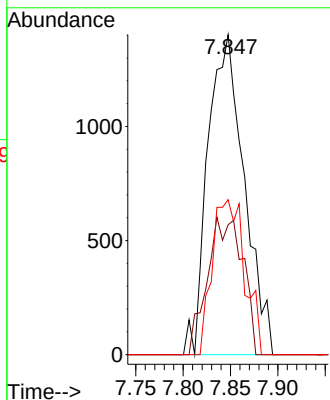
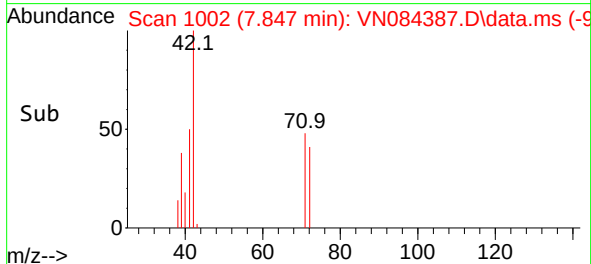
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 42 Resp: 373
Ion Ratio Lower Upper
42 100
72 41.9 34.6 51.8
71 43.3 32.2 48.4

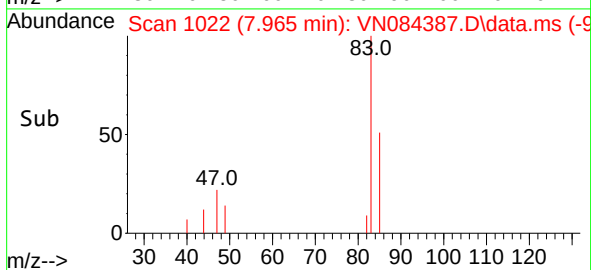
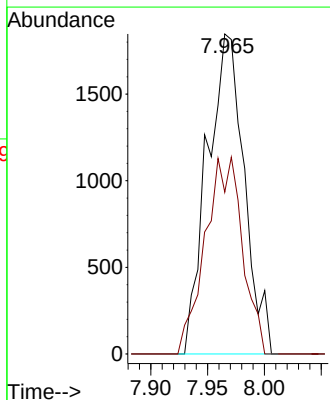
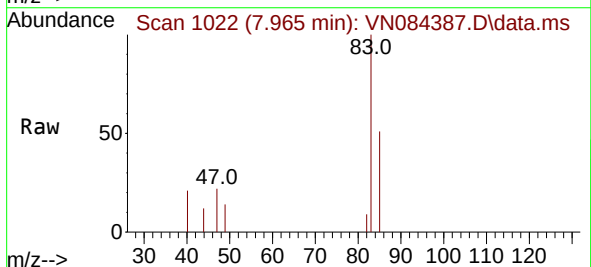
Manual Integrations
APPROVED

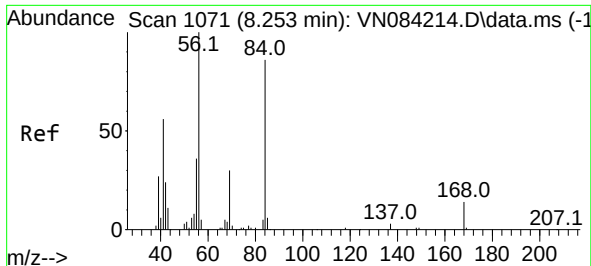
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
Chloroform
Concen: 1.103 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

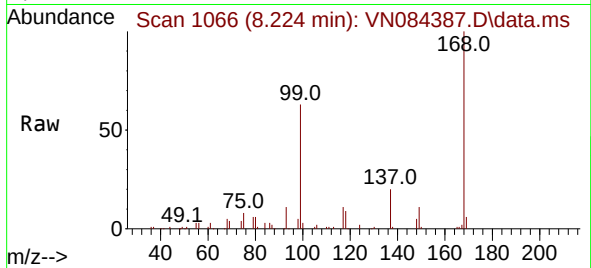
Tgt Ion: 83 Resp: 4176
Ion Ratio Lower Upper
83 100
85 50.6 51.0 76.4#





#31
Cyclohexane
Concen: 1.942 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

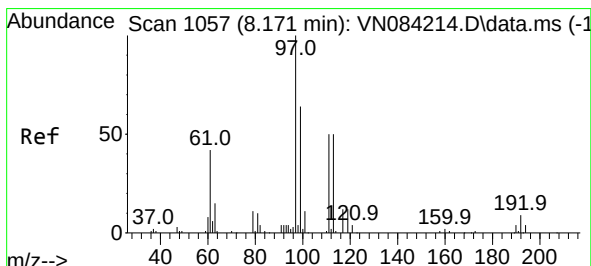
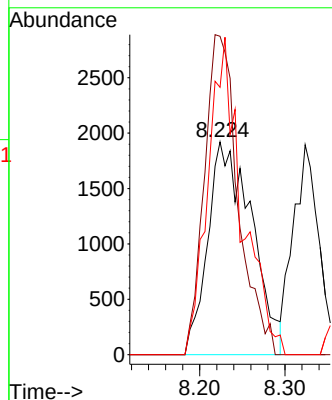
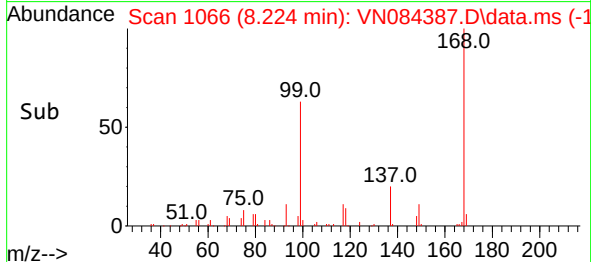
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



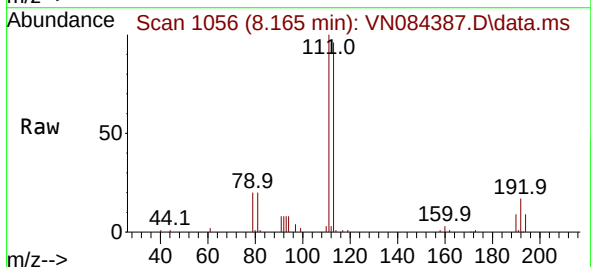
Tgt Ion: 56 Resp: 6869
Ion Ratio Lower Upper
56 100
69 149.6 23.8 35.6
84 125.7 68.8 103.2

Manual Integrations
APPROVED

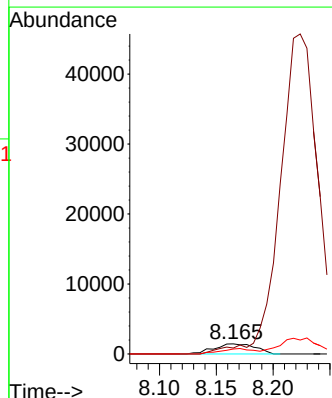
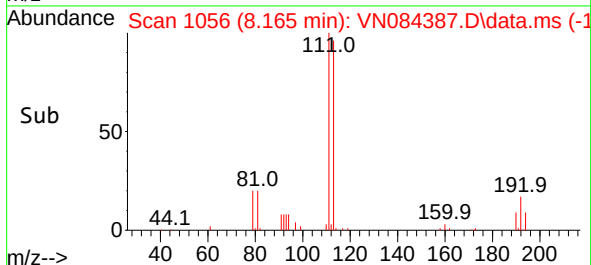
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

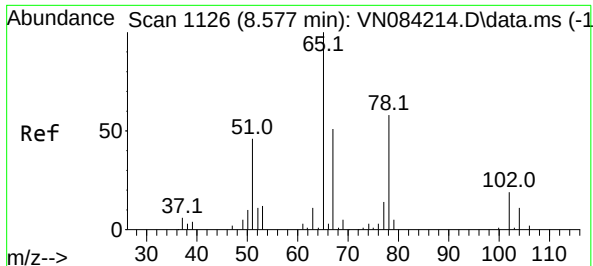


#32
1,1,1-Trichloroethane
Concen: 1.078 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



Tgt Ion: 97 Resp: 3663
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 42.2 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 46.830 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 65 Resp: 11183

Ion Ratio Lower Upper

65 100

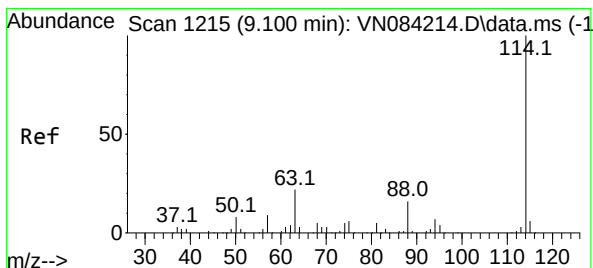
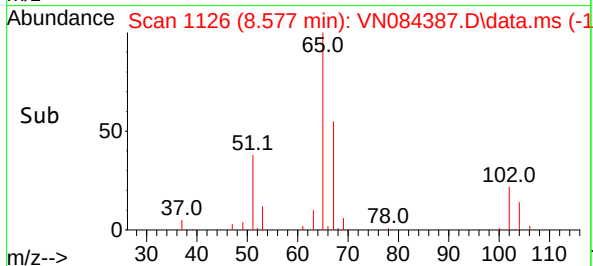
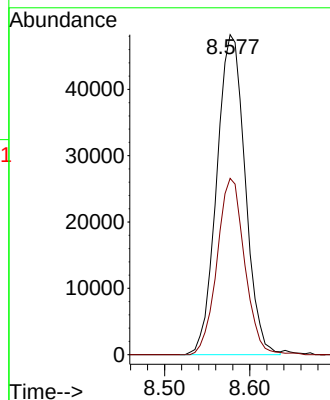
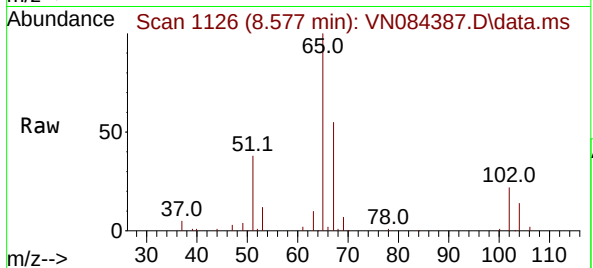
67 53.6 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

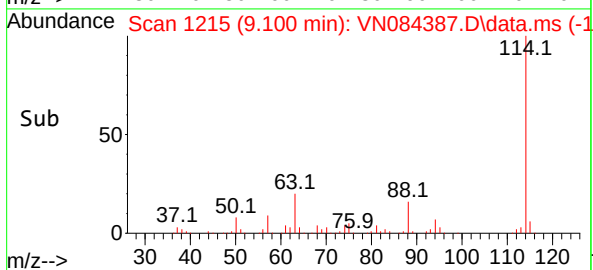
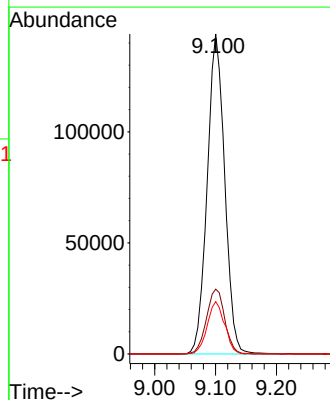
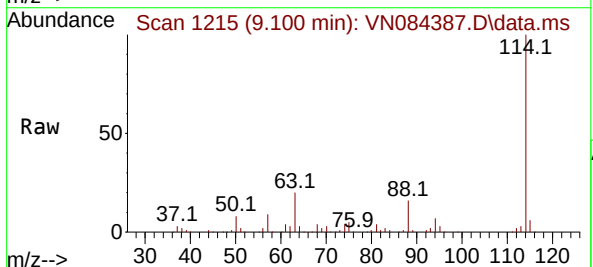
Tgt Ion:114 Resp: 287661

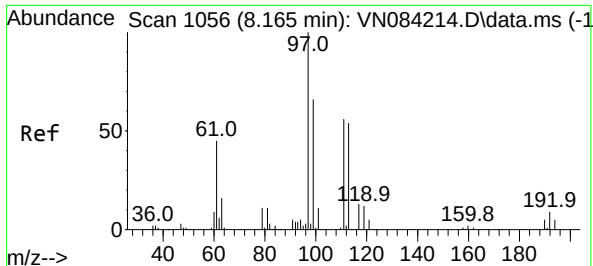
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.8

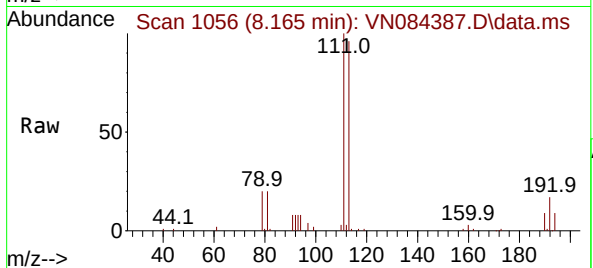
88 16.4 0.0 31.6





#35
Dibromofluoromethane
Concen: 47.278 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

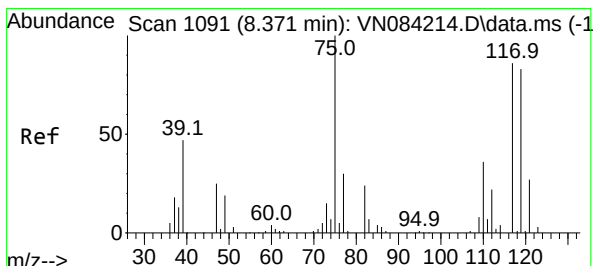
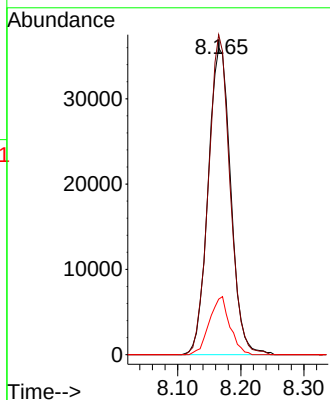
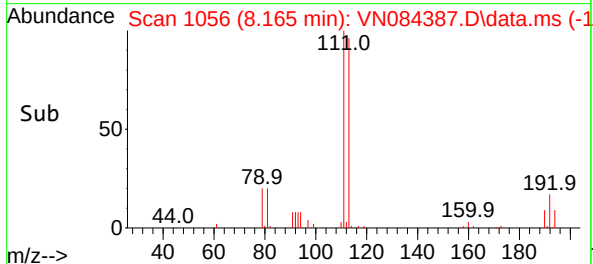
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



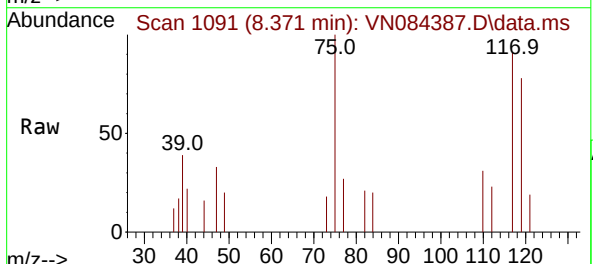
Tgt Ion: 113 Resp: 89660
Ion Ratio Lower Upper
113 100
111 99.3 83.3 124.9
192 17.1 13.5 20.3

Manual Integrations
APPROVED

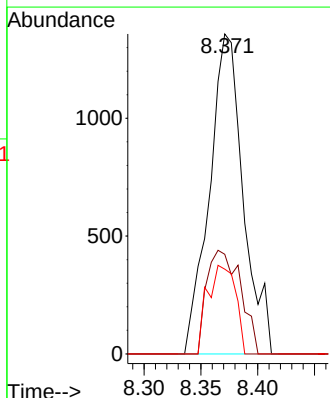
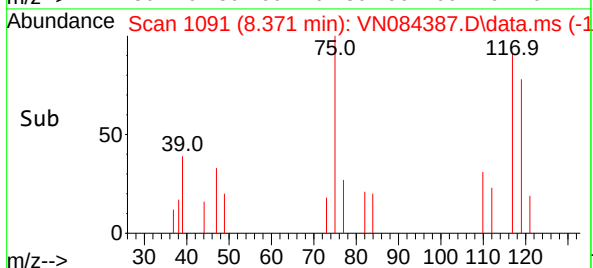
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

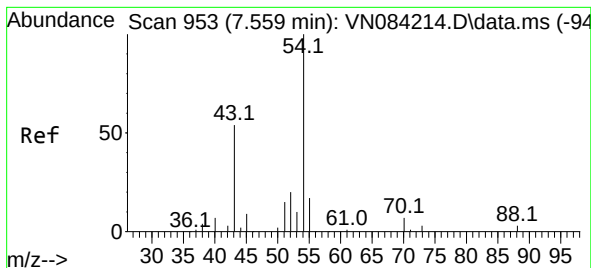


#36
1,1-Dichloropropene
Concen: 1.022 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



Tgt Ion: 75 Resp: 2815
Ion Ratio Lower Upper
75 100
110 32.3 16.9 50.7
77 22.8 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.891 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 251

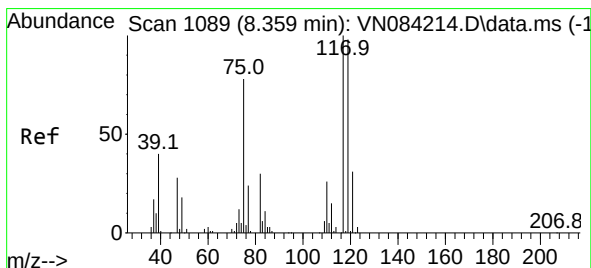
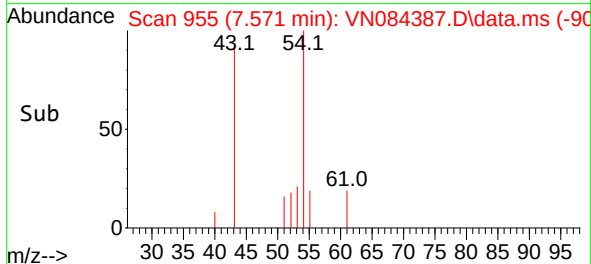
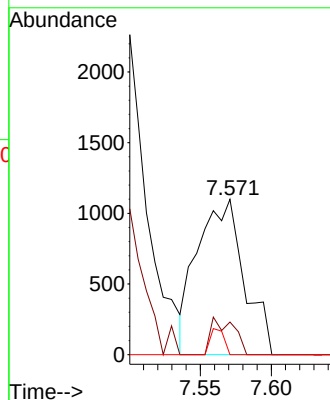
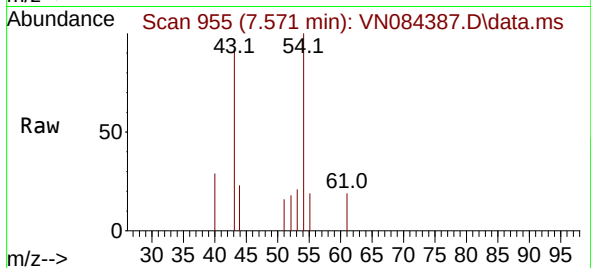
Ion	Ratio	Lower	Upper
43	100		
61	11.6	10.7	16.1
70	4.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#38

Carbon Tetrachloride

Concen: 1.036 ug/l

RT: 8.353 min Scan# 1088

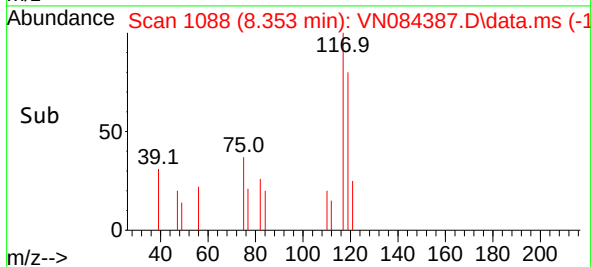
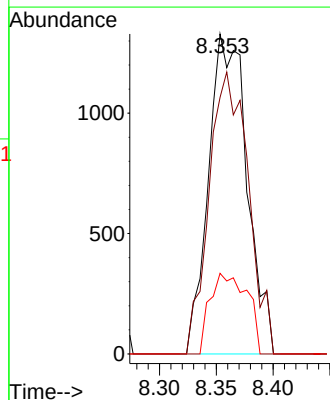
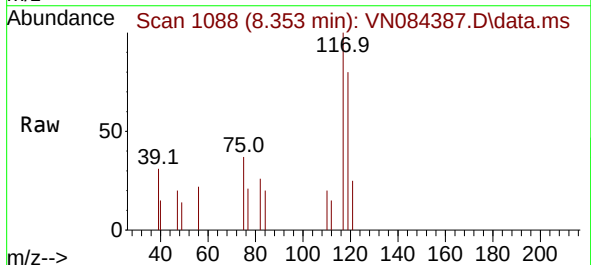
Delta R.T. -0.006 min

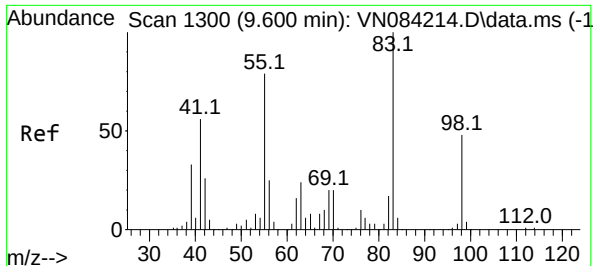
Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Tgt Ion:117 Resp: 3130

Ion	Ratio	Lower	Upper
117	100		
119	80.1	78.7	118.1
121	25.2	24.4	36.6





#39

Methylcyclohexane

Concen: 0.866 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

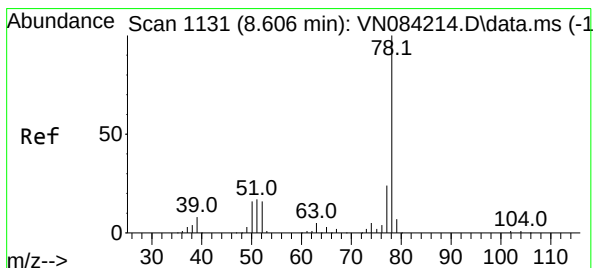
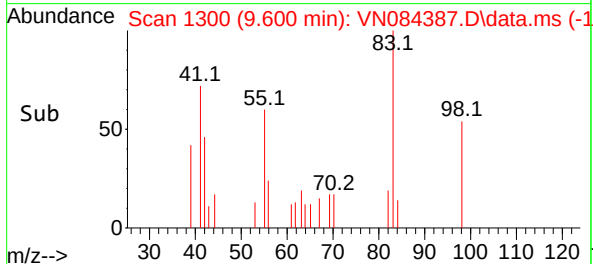
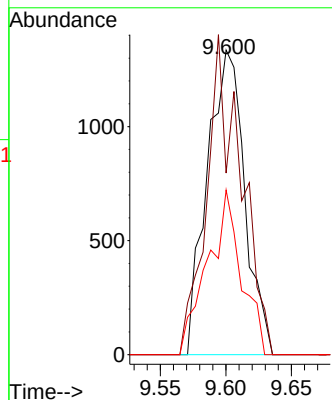
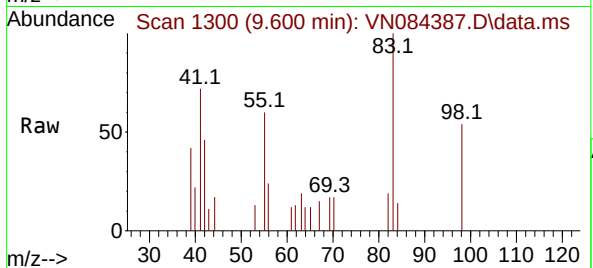
LOQ-WATER-02-QT4-2024

Tgt Ion: 83	Resp: 2654
Ion Ratio	Lower Upper
83	100
55	59.6 62.8 94.2
98	54.0 38.8 58.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40

Benzene

Concen: 1.023 ug/l

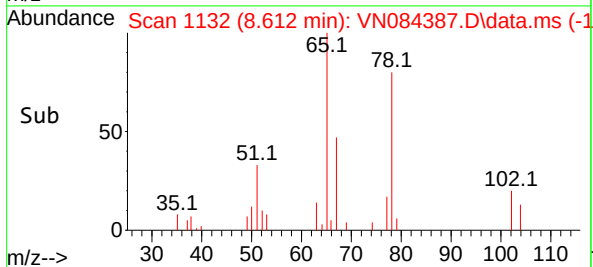
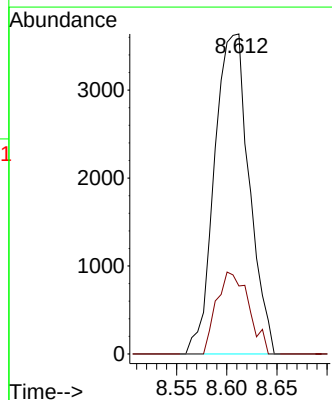
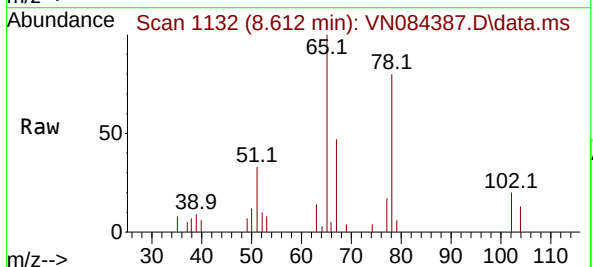
RT: 8.612 min Scan# 1132

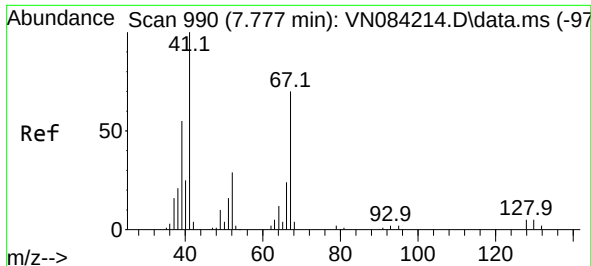
Delta R.T. 0.006 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

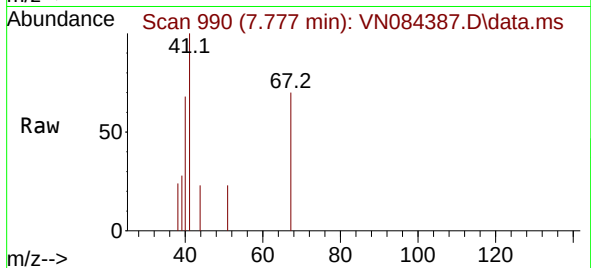
Tgt Ion: 78	Resp: 8782
Ion Ratio	Lower Upper
78	100
77	21.3 19.1 28.7





#41
Methacrylonitrile
Concen: 0.929 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

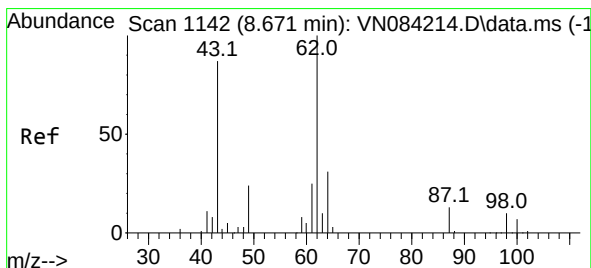
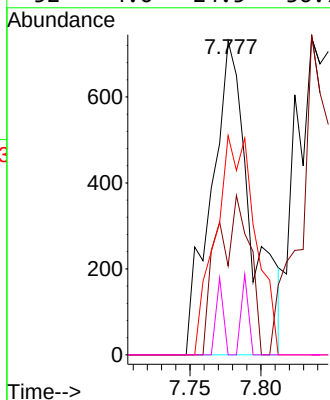
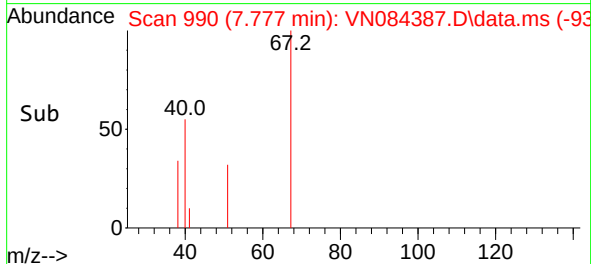
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 1420
Ion Ratio Lower Upper
41 100
39 40.9 43.3 64.9
67 70.2 56.1 84.1
52 4.6 24.5 36.7#

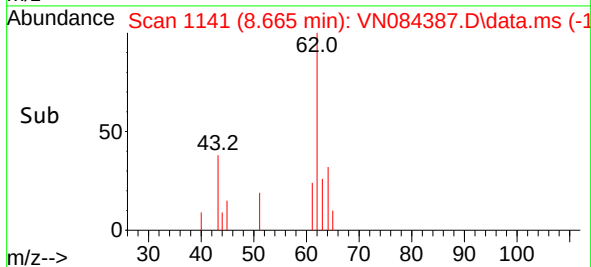
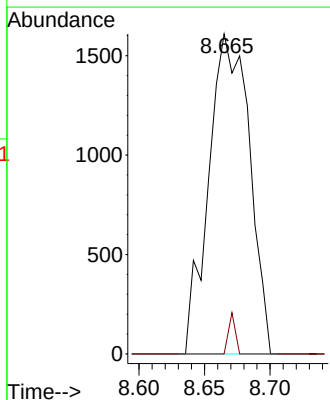
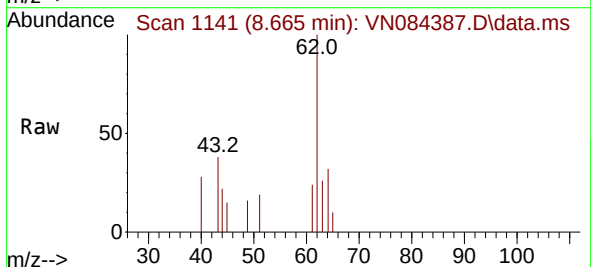
Manual Integrations
APPROVED

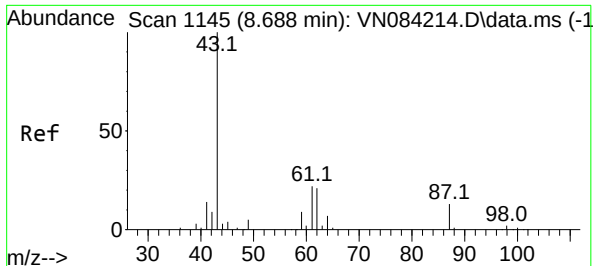
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 1.197 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Tgt Ion: 62 Resp: 3482
Ion Ratio Lower Upper
62 100
98 2.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 1.081 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

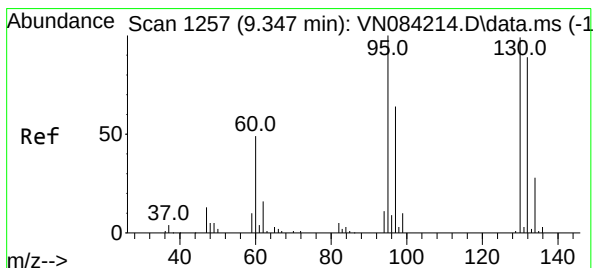
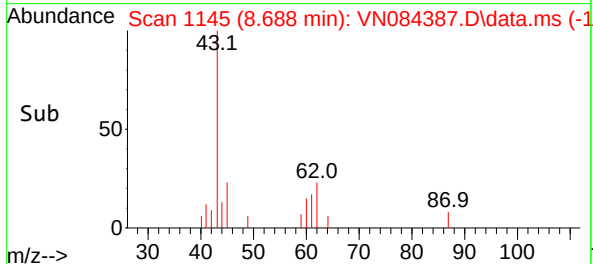
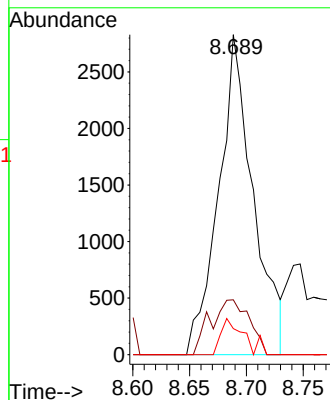
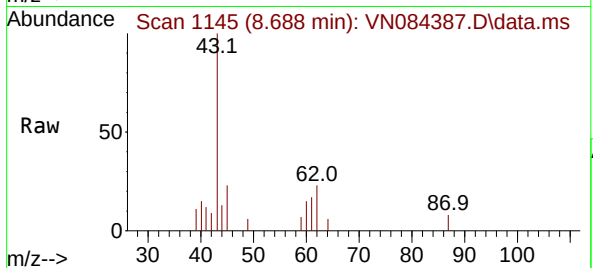
Tgt Ion: 43	Resp: 598
Ion Ratio	Lower Upper
43	100
61	19.3 20.4 30.6
87	7.6 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#44

Trichloroethene

Concen: 1.131 ug/l

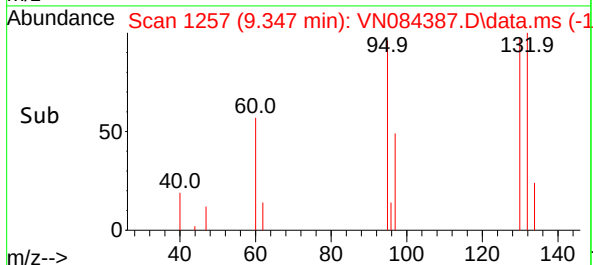
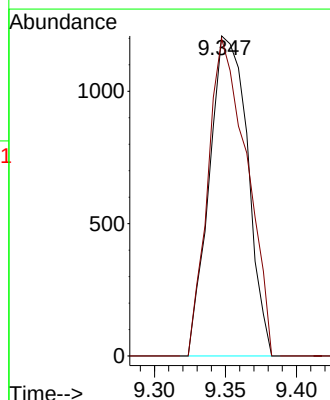
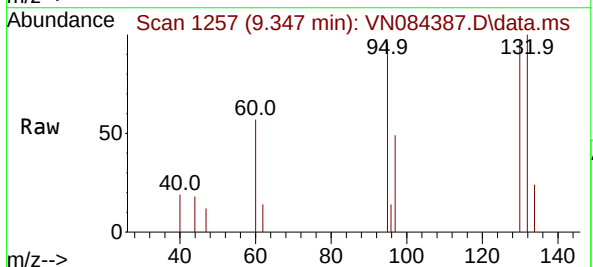
RT: 9.347 min Scan# 1257

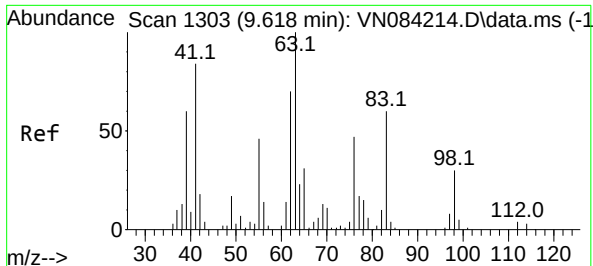
Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Tgt Ion:130	Resp: 2268
Ion Ratio	Lower Upper
130	100
95	99.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 1.029 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

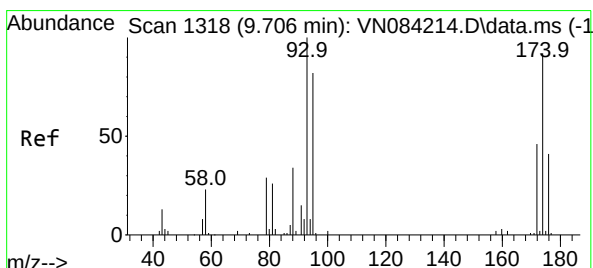
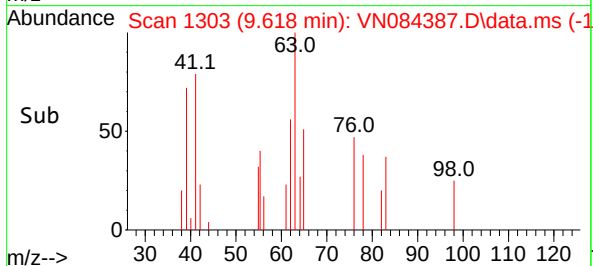
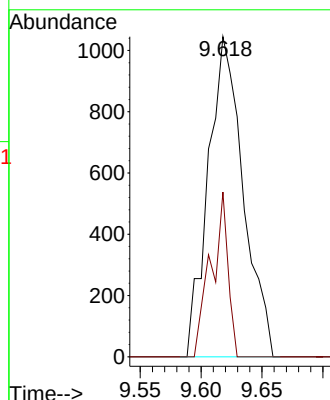
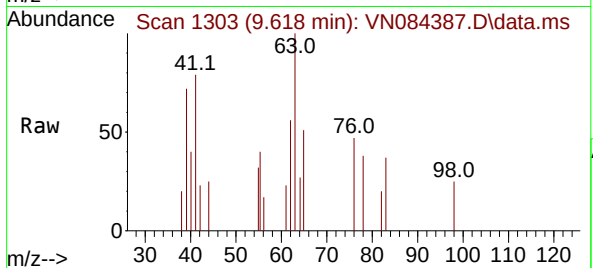
Tgt Ion: 63 Resp: 2089
 Ion Ratio Lower Upper
 63 100
 65 51.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 1.190 ug/l

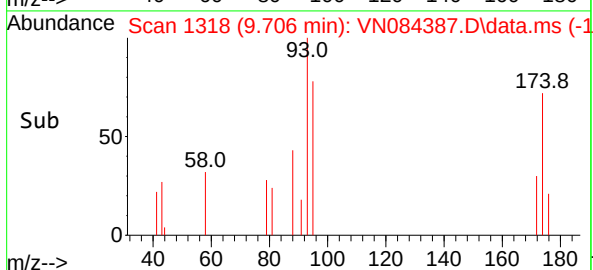
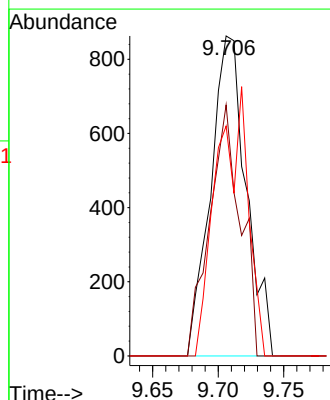
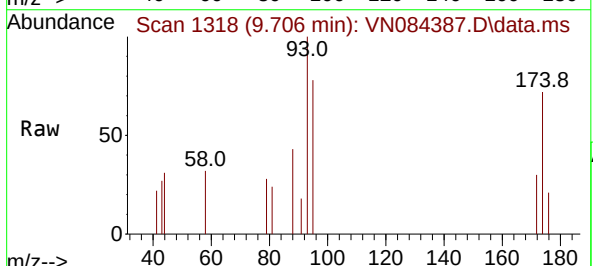
RT: 9.706 min Scan# 1318

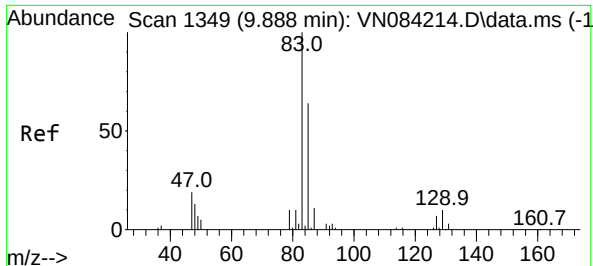
Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

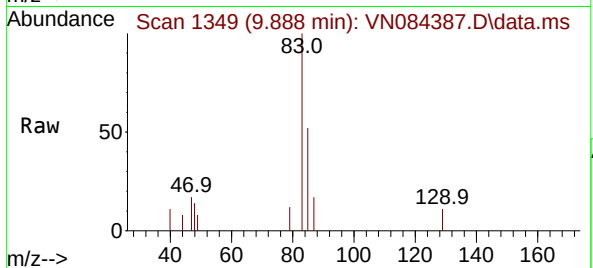
Tgt Ion: 93 Resp: 1631
 Ion Ratio Lower Upper
 93 100
 95 68.1 65.0 97.4
 174 74.1 71.8 107.8





#47
Bromodichloromethane
Concen: 1.174 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

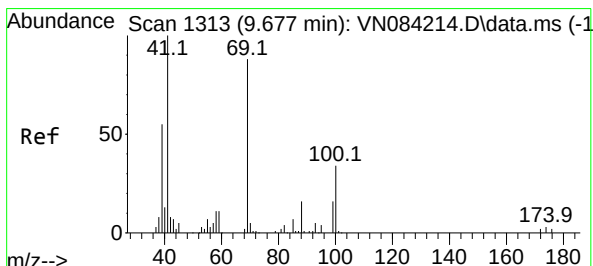
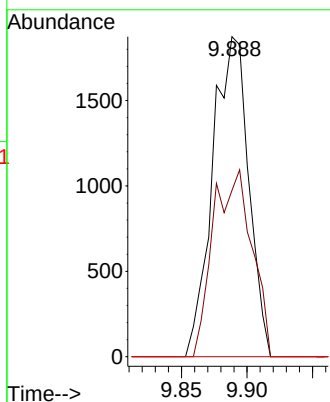
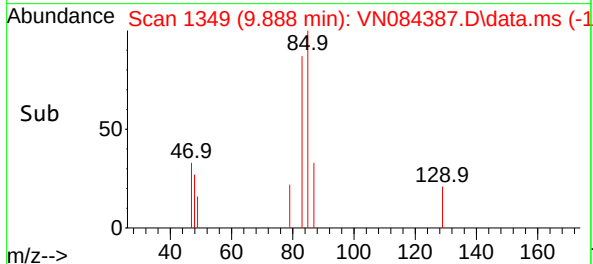
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



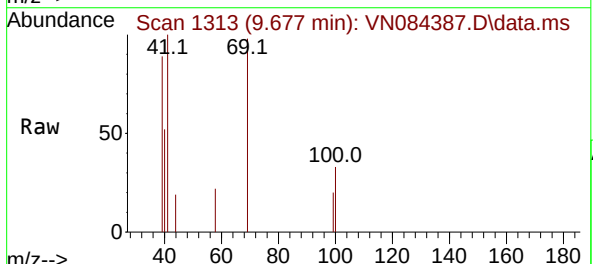
Tgt Ion: 83 Resp: 3579
Ion Ratio Lower Upper
83 100
85 52.0 51.5 77.3
127 0.0 5.7 8.5

Manual Integrations
APPROVED

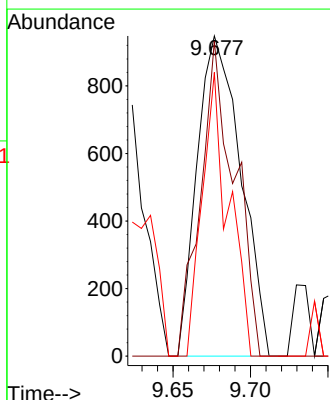
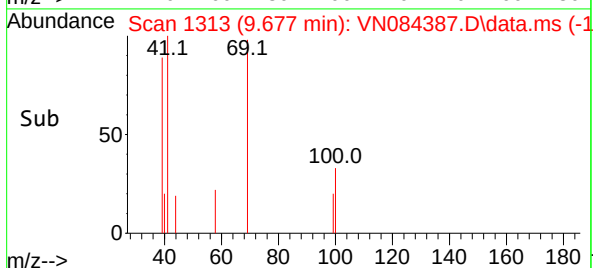
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

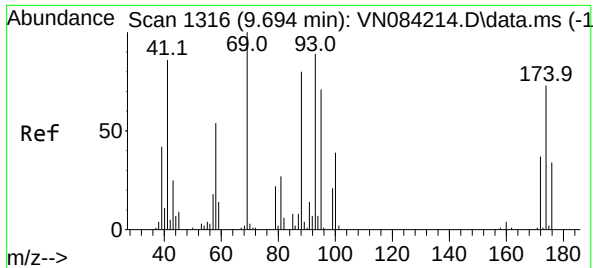


#48
Methyl methacrylate
Concen: 0.843 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



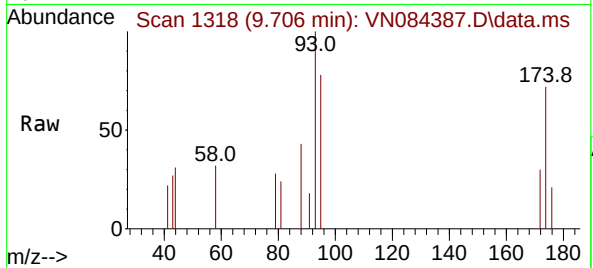
Tgt Ion: 41 Resp: 1858
Ion Ratio Lower Upper
41 100
69 77.5 67.1 100.7
39 54.1 45.8 68.6





#49
1,4-Dioxane
Concen: 16.023 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

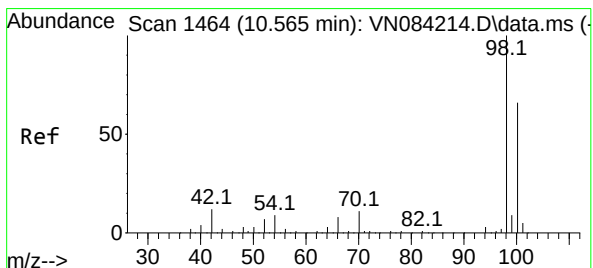
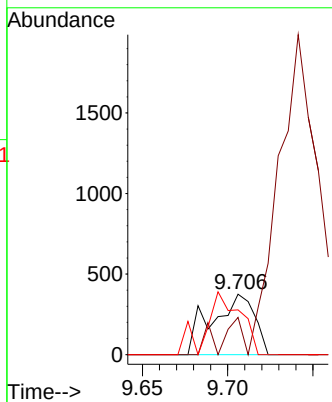
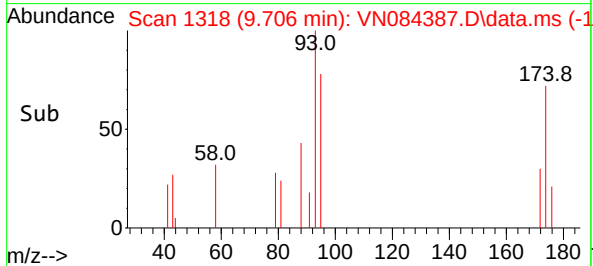
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 88 Resp: 650
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9
58 83.7 56.4 84.6

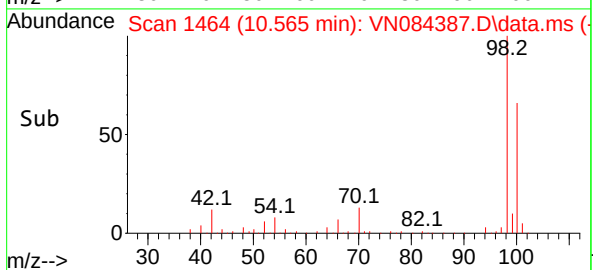
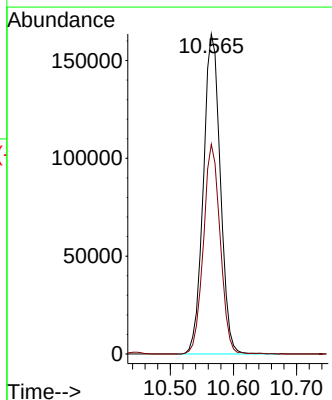
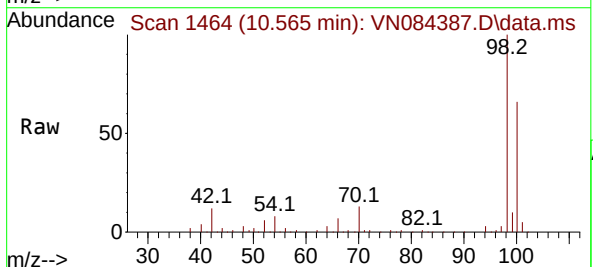
Manual Integrations
APPROVED

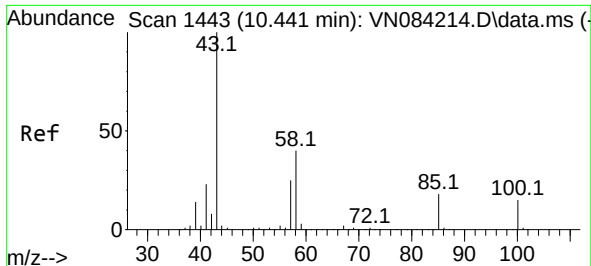
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50
Toluene-d8
Concen: 43.750 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

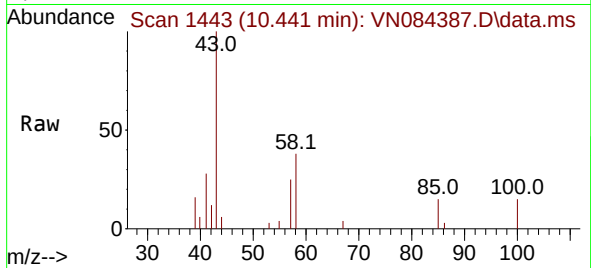
Tgt Ion: 98 Resp: 305250
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 4.188 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

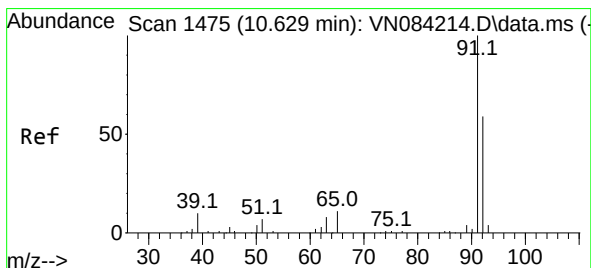
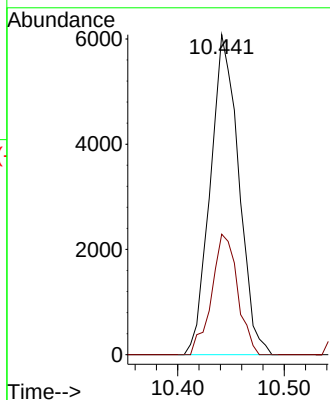
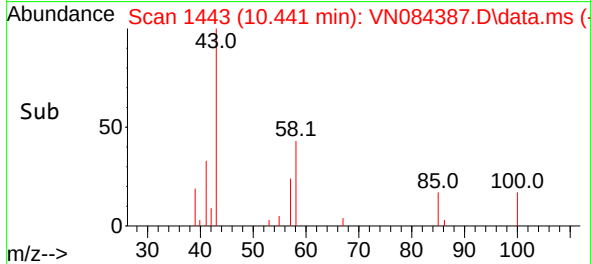
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 11268
Ion Ratio Lower Upper
43 100
58 34.3 31.6 47.4

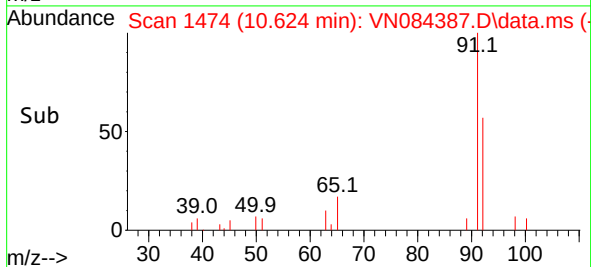
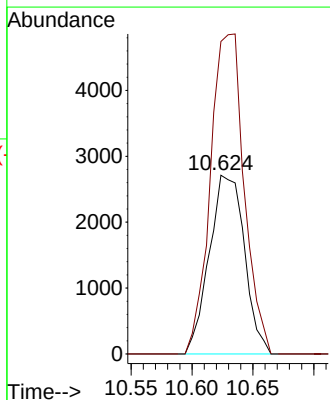
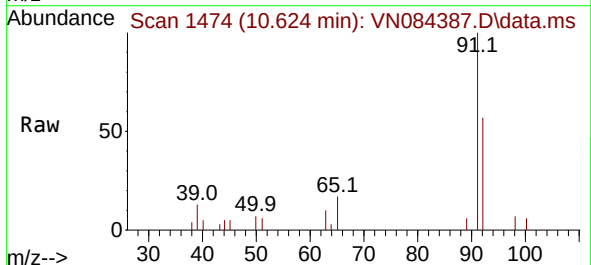
Manual Integrations
APPROVED

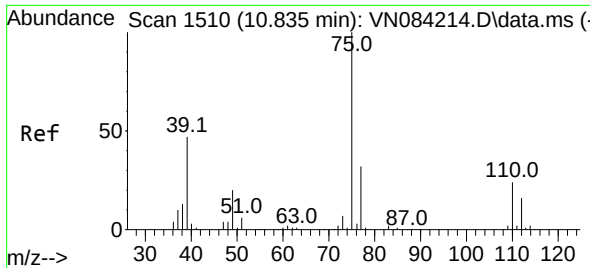
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 1.039 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

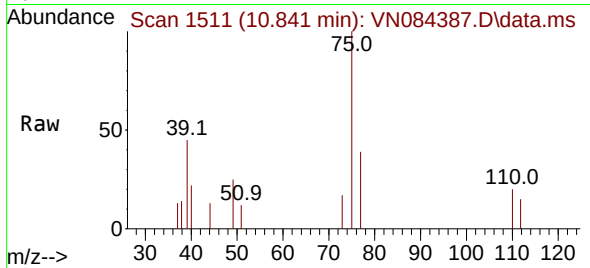
Tgt Ion: 92 Resp: 5436
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 0.903 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

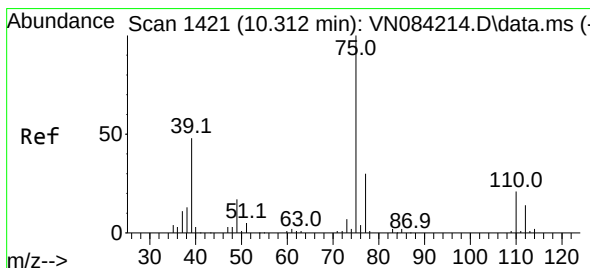
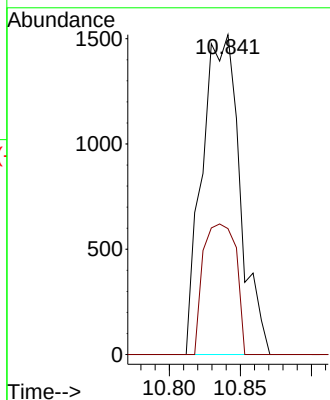
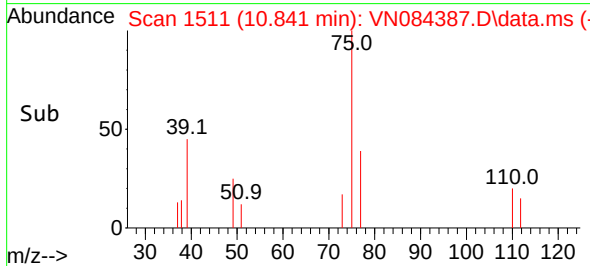
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



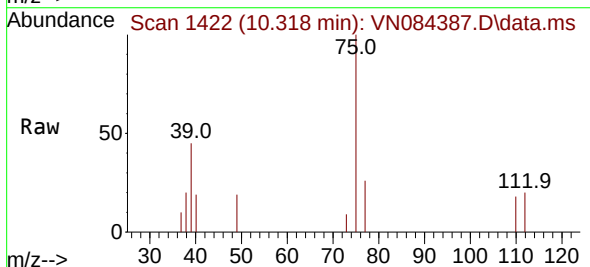
Tgt Ion: 75 Resp: 280
Ion Ratio Lower Upper
75 100
77 39.4 25.4 38.0

Manual Integrations
APPROVED

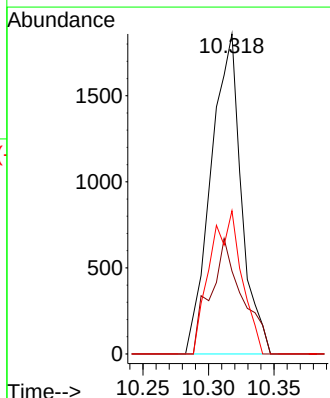
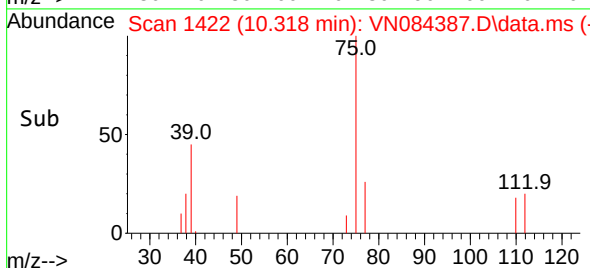
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

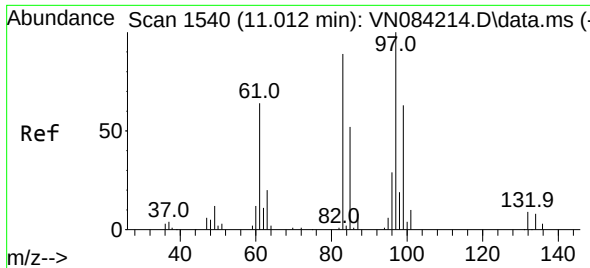


#54
cis-1,3-Dichloropropene
Concen: 0.897 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



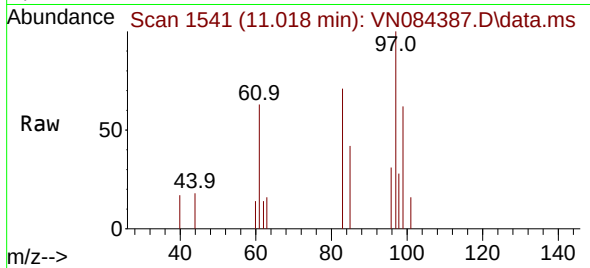
Tgt Ion: 75 Resp: 2994
Ion Ratio Lower Upper
75 100
77 25.9 24.2 36.2
39 44.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 1.138 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

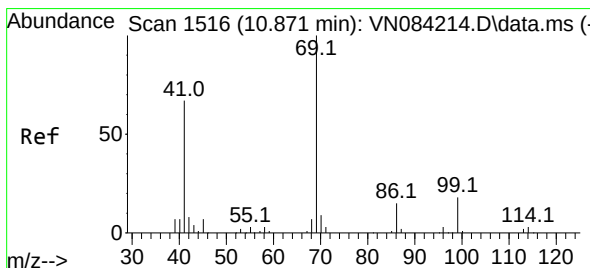
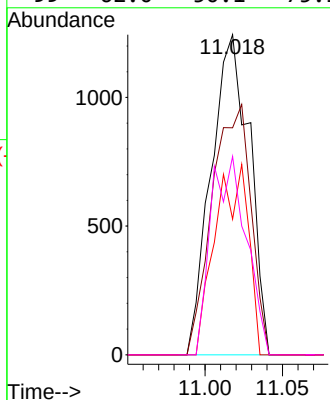
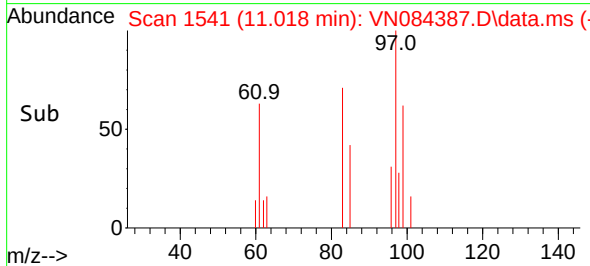
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



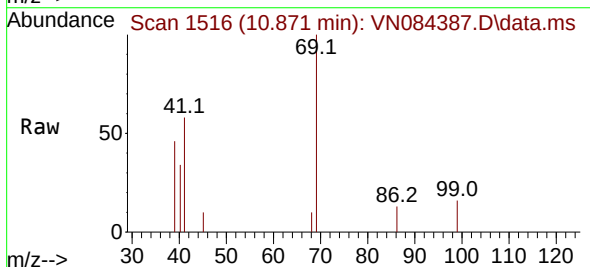
Tgt Ion: 97 Resp: 2135
Ion Ratio Lower Upper
97 100
83 70.9 71.0 106.4
85 42.4 41.7 62.5
99 62.0 50.1 75.1

Manual Integrations
APPROVED

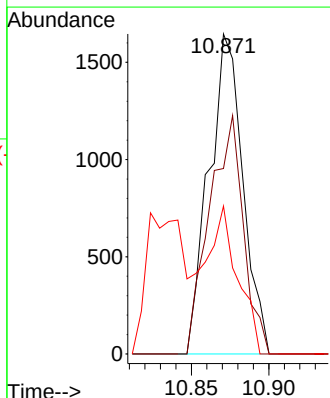
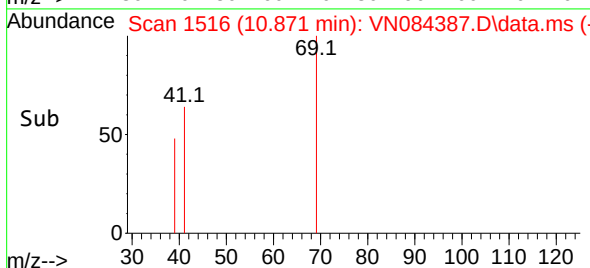
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

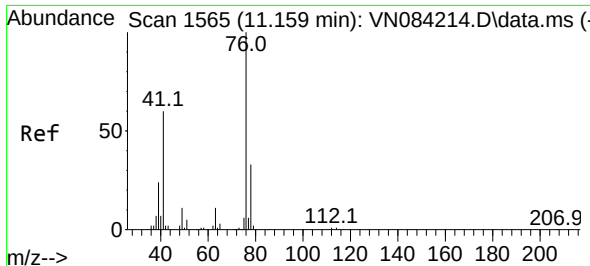


#56
Ethyl methacrylate
Concen: 0.811 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



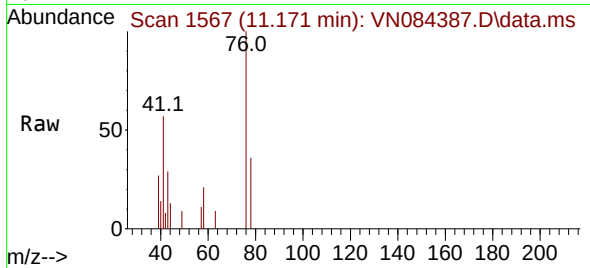
Tgt Ion: 69 Resp: 2503
Ion Ratio Lower Upper
69 100
41 74.5 53.3 79.9
39 40.1 28.8 43.2





#57
1,3-Dichloropropane
Concen: 1.033 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.012 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

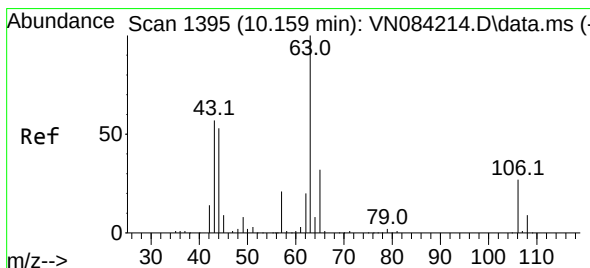
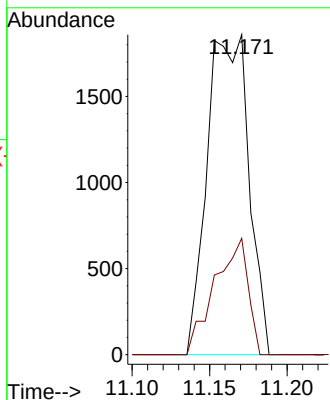
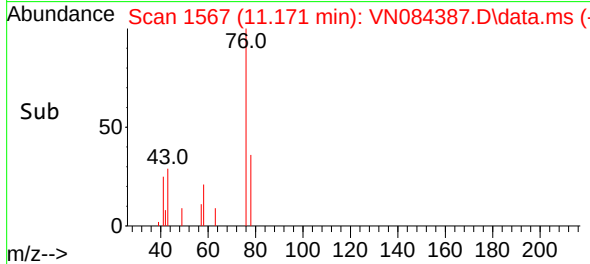
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 76 Resp: 3462
Ion Ratio Lower Upper
76 100
78 29.2 25.8 38.6

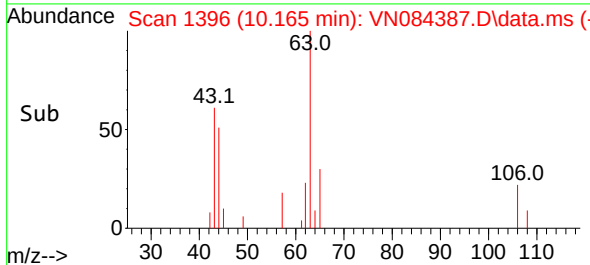
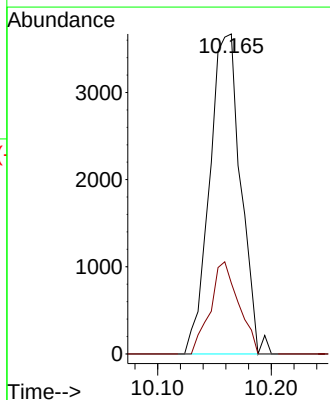
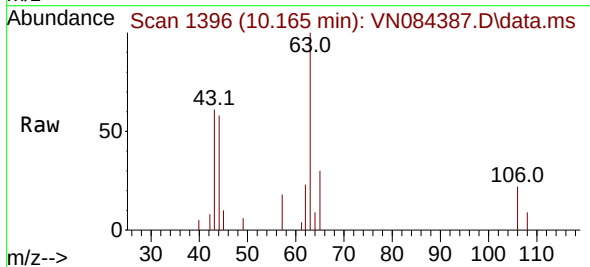
Manual Integrations
APPROVED

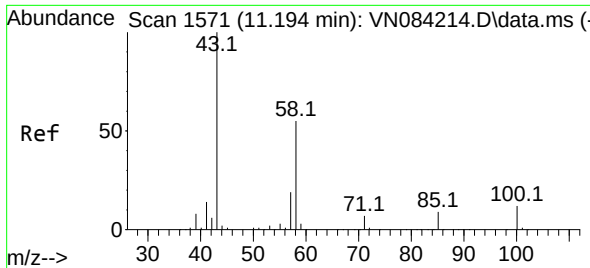
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 4.894 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

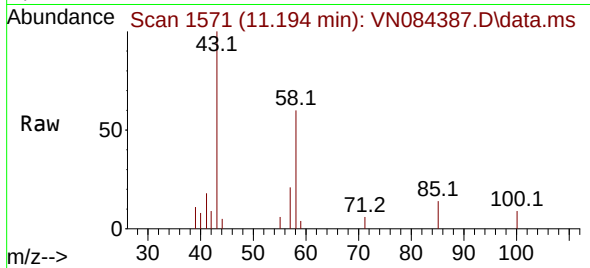
Tgt Ion: 63 Resp: 7009
Ion Ratio Lower Upper
63 100
106 26.2 21.8 32.6





#59
2-Hexanone
Concen: 4.221 ug/l
RT: 11.194 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

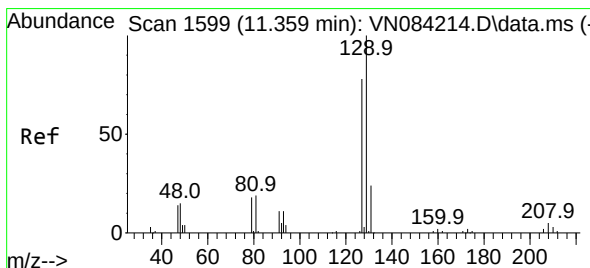
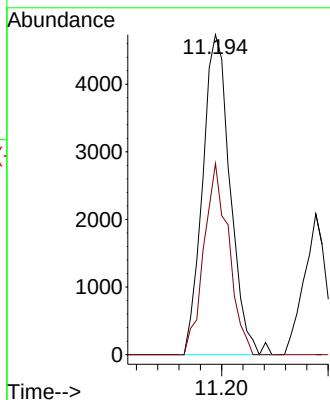
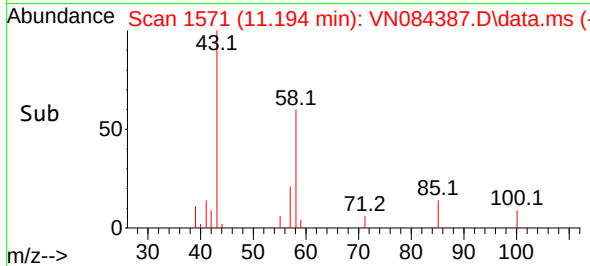
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 54.0 27.3 81.8

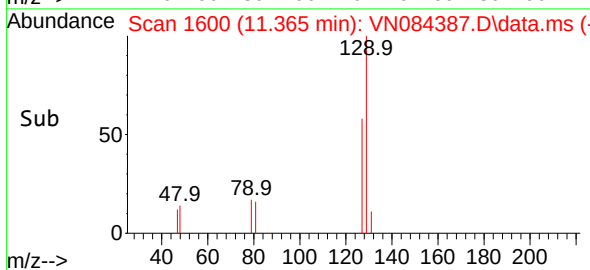
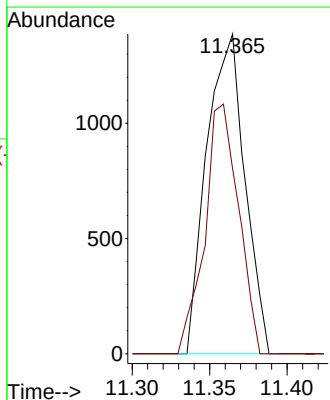
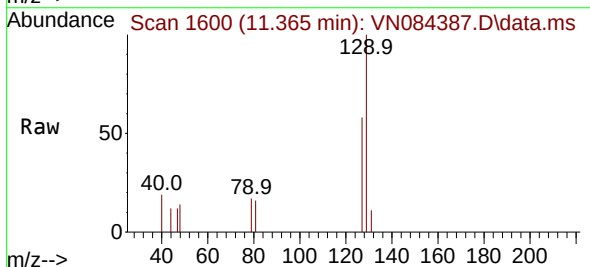
Manual Integrations
APPROVED

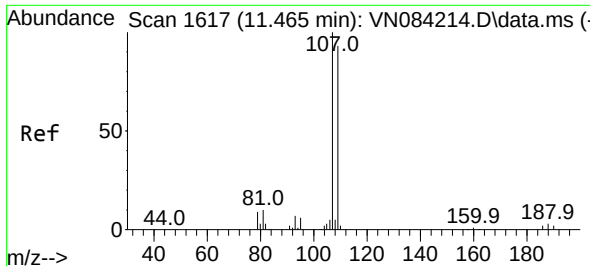
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 1.070 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Tgt Ion:129 Resp: 2372
Ion Ratio Lower Upper
129 100
127 69.2 38.3 114.9





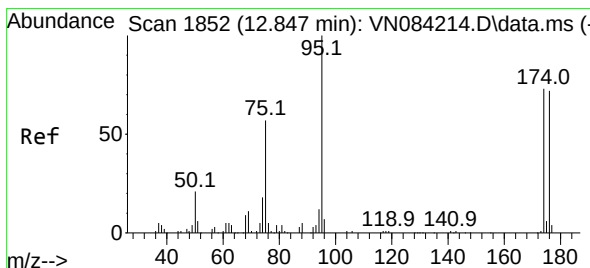
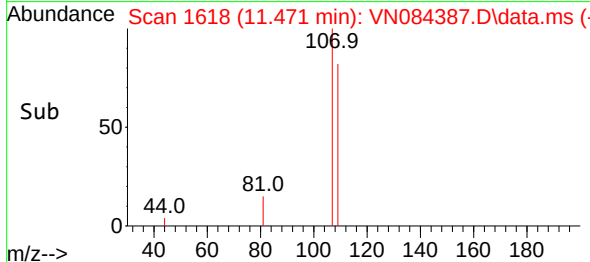
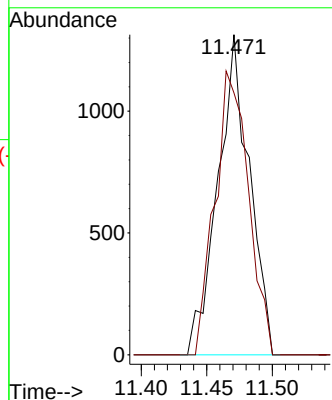
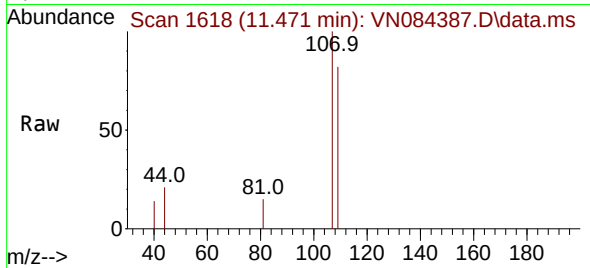
#61
1,2-Dibromoethane
Concen: 1.129 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:107 Resp: 220
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.0

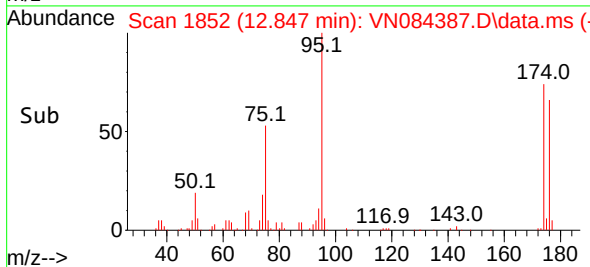
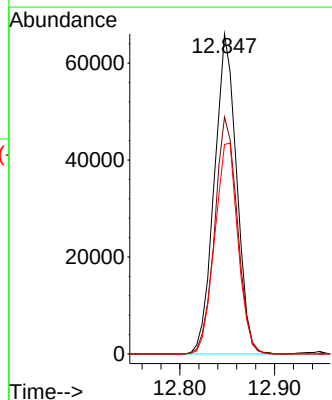
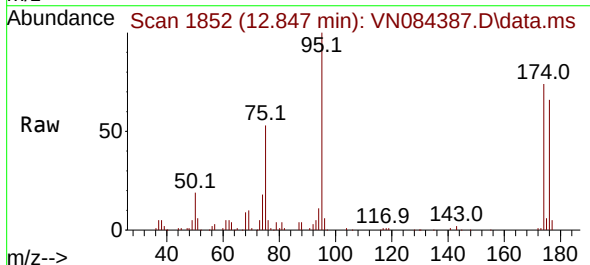
Manual Integrations
APPROVED

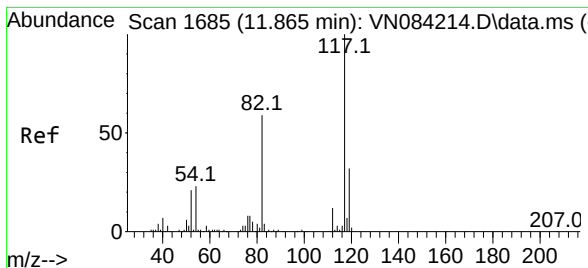
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 42.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Tgt Ion: 95 Resp: 107905
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.2
176 68.9 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

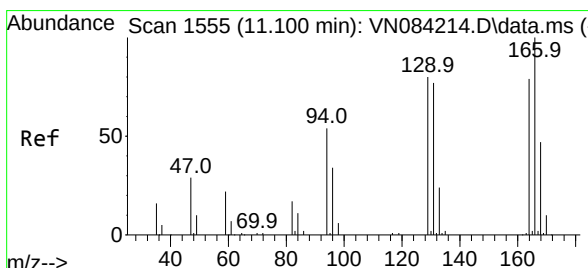
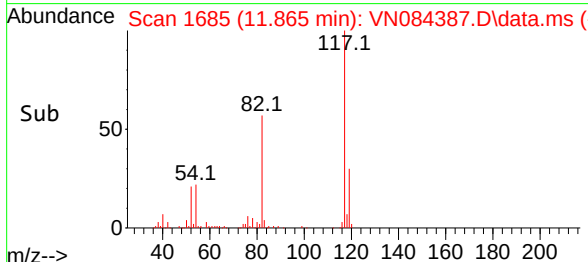
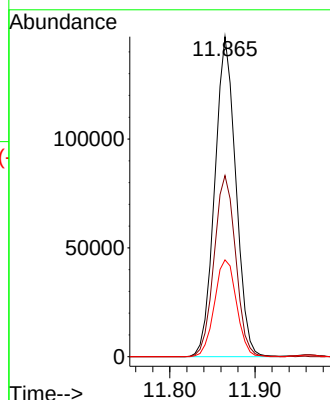
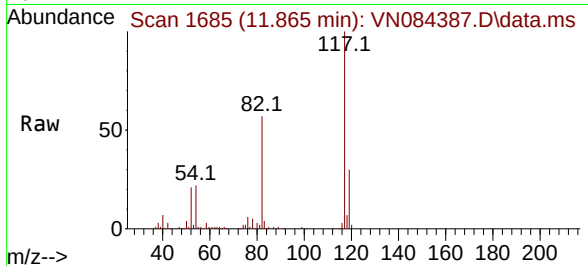
Tgt Ion:	117	Resp:	25256
Ion Ratio	Lower	Upper	
117	100		
82	56.6	47.2	70.8
119	30.2	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#64

Tetrachloroethene

Concen: 0.976 ug/l

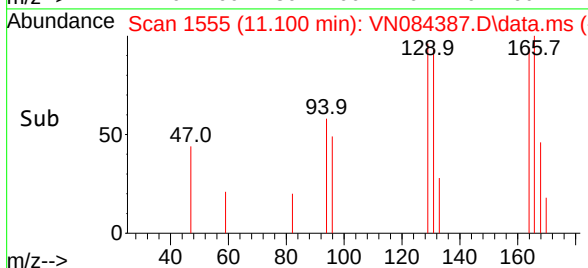
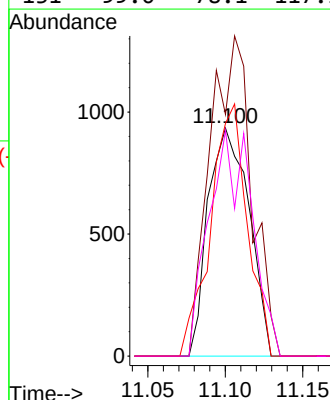
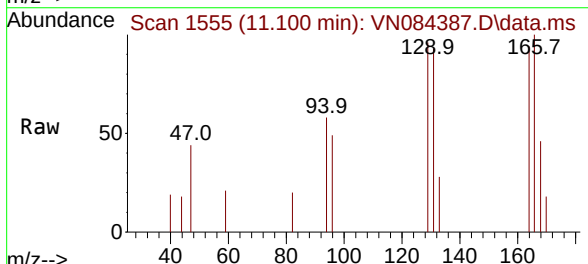
RT: 11.100 min Scan# 1555

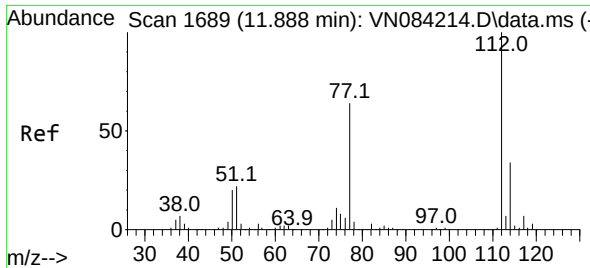
Delta R.T. 0.000 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

Tgt Ion:	164	Resp:	1717
Ion Ratio	Lower	Upper	
164	100		
166	106.0	101.0	151.4
129	102.0	80.8	121.2
131	99.0	78.1	117.1





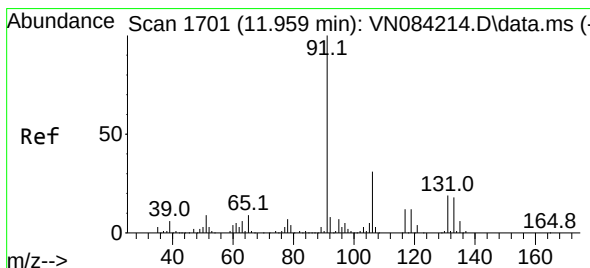
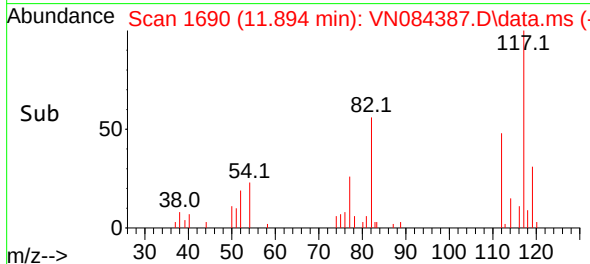
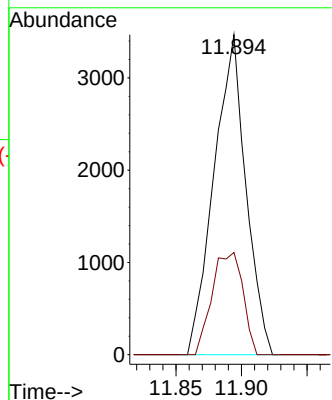
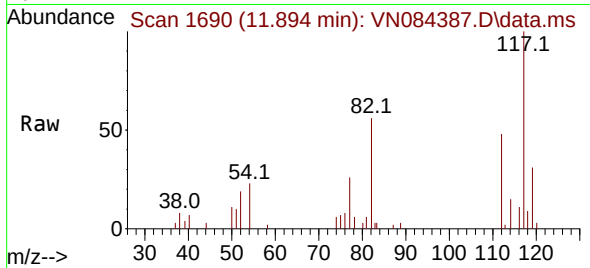
#65
Chlorobenzene
Concen: 1.048 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 5870
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.6

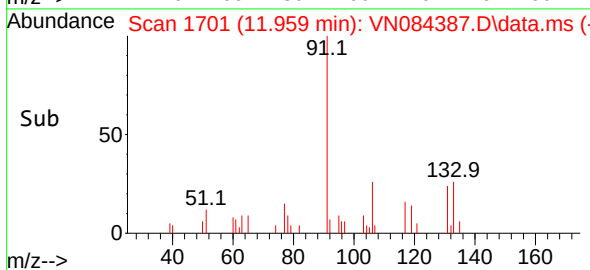
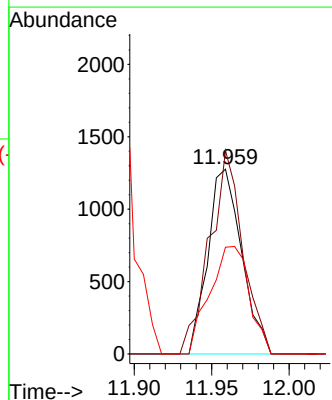
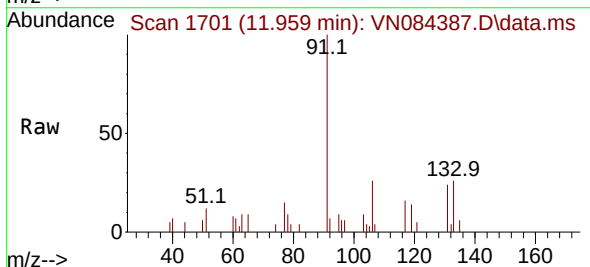
Manual Integrations
APPROVED

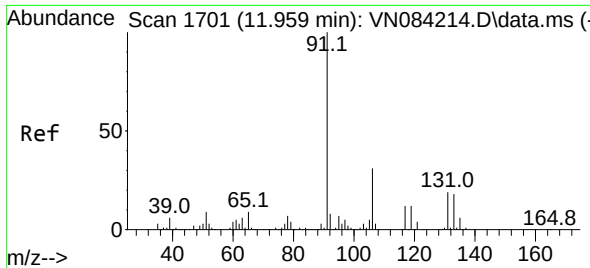
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 1.003 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

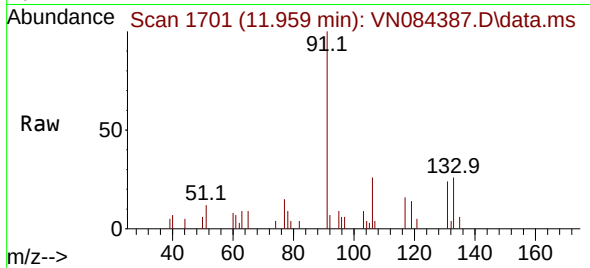
Tgt Ion:131 Resp: 1934
Ion Ratio Lower Upper
131 100
133 108.0 47.9 143.7
119 0.0 32.8 98.3#





#67
Ethyl Benzene
Concen: 0.915 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

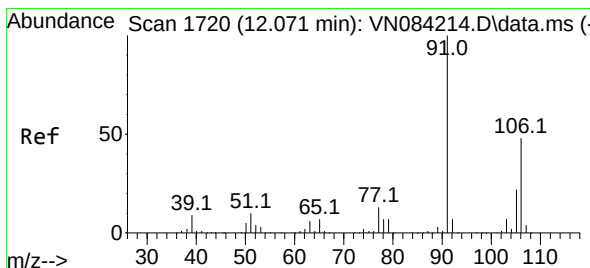
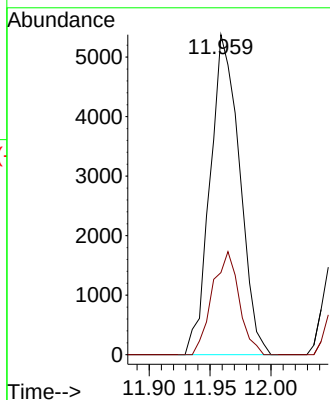
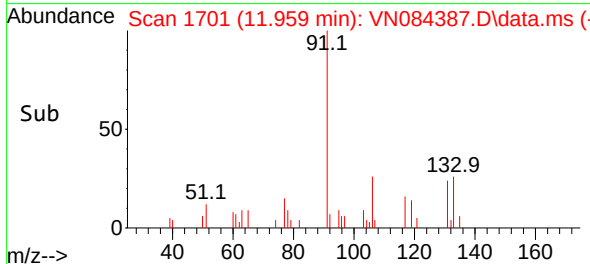
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 91 Resp: 9059
Ion Ratio Lower Upper
91 100
106 25.7 24.5 36.7

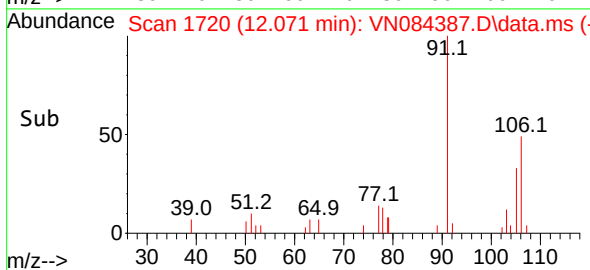
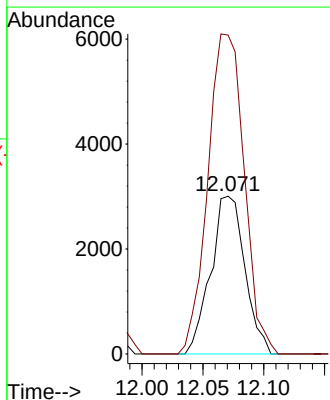
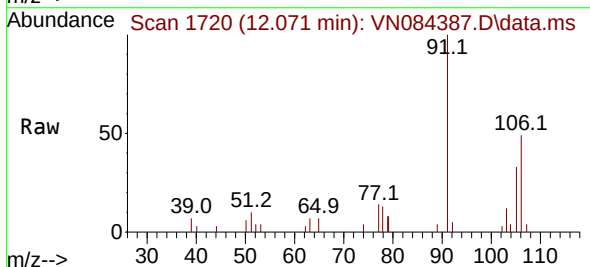
Manual Integrations
APPROVED

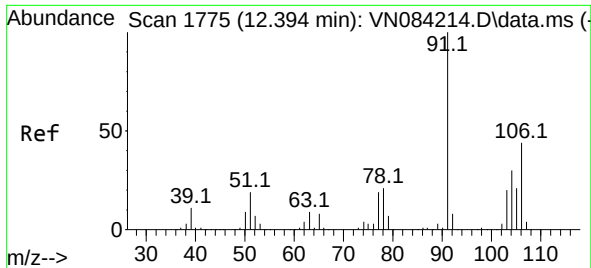
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 1.599 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Tgt Ion:106 Resp: 5858
Ion Ratio Lower Upper
106 100
91 215.9 167.1 250.7





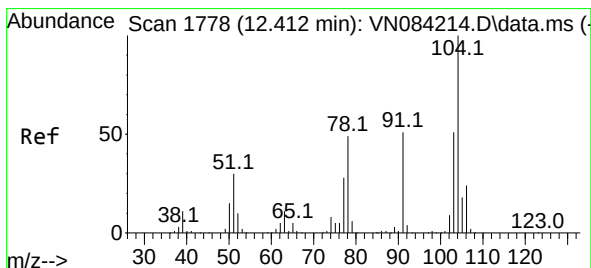
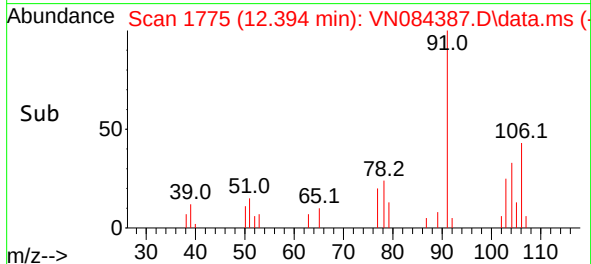
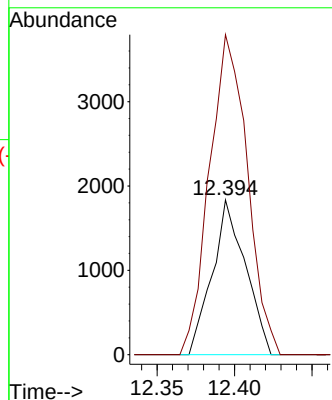
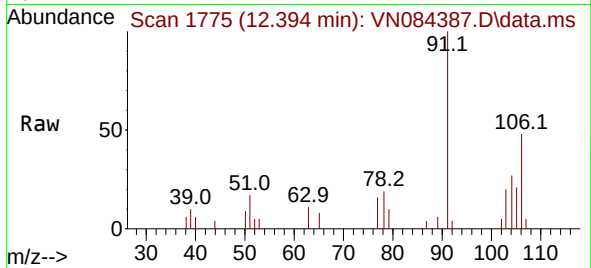
#69
o-Xylene
Concen: 0.790 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 273
Ion Ratio Lower Upper
106 100
91 235.2 110.2 330.6

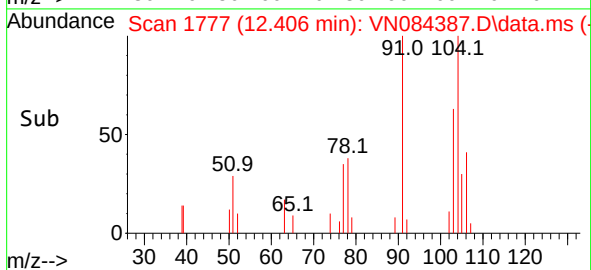
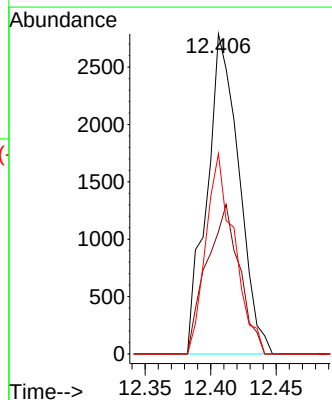
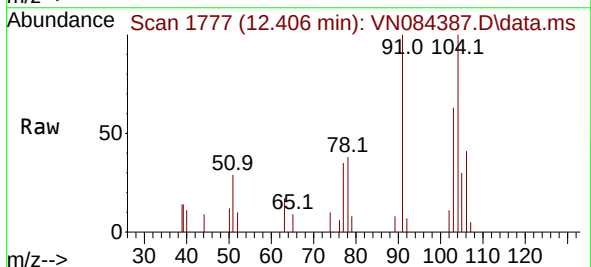
Manual Integrations
APPROVED

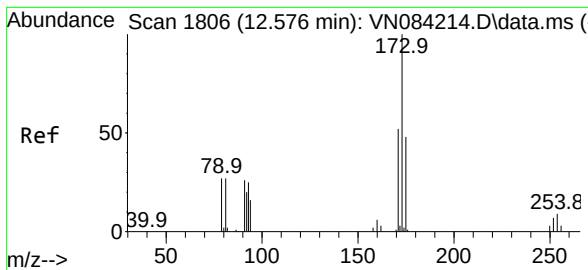
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 0.806 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

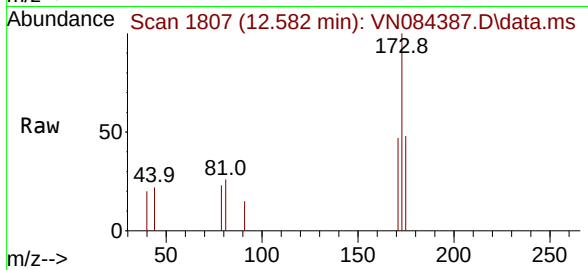
Tgt Ion:104 Resp: 4733
Ion Ratio Lower Upper
104 100
78 48.1 42.7 64.1
103 55.6 43.6 65.4





#71
Bromoform
Concen: 0.986 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

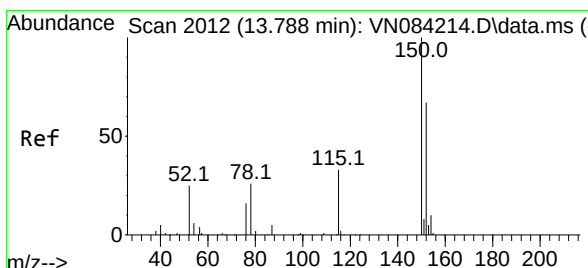
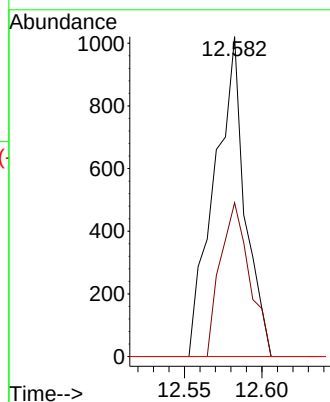
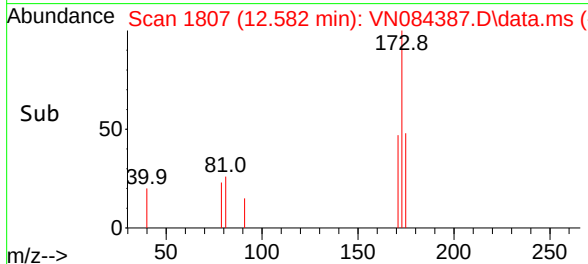
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



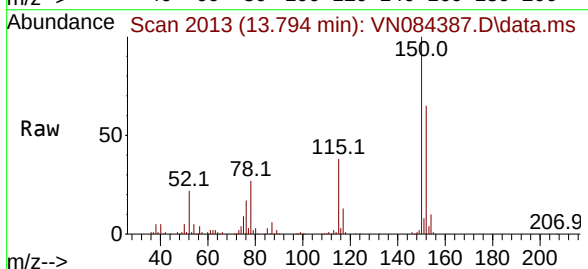
Tgt Ion:173 Resp: 1400
Ion Ratio Lower Upper
173 100
175 45.9 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

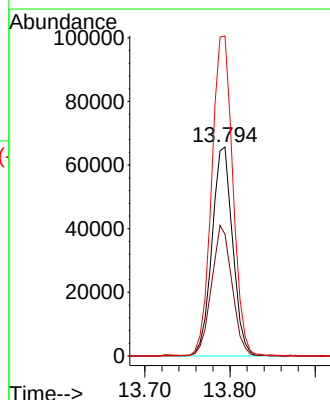
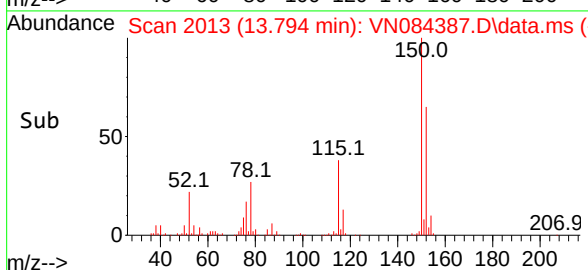
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

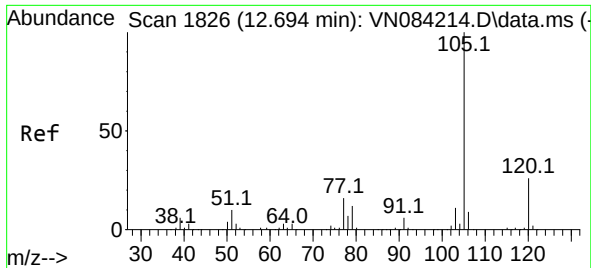


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



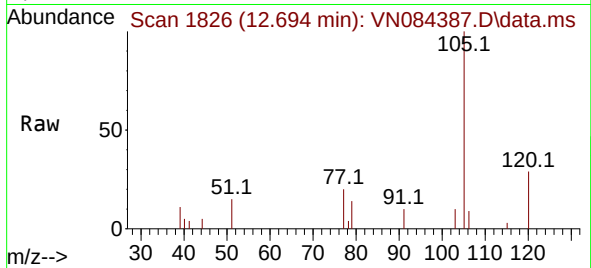
Tgt Ion:152 Resp: 110575
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.9
150 157.0 0.0 349.8





#73
Isopropylbenzene
Concen: 0.867 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

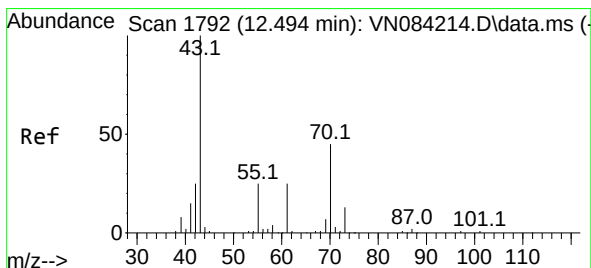
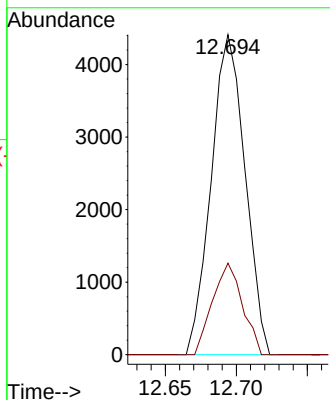
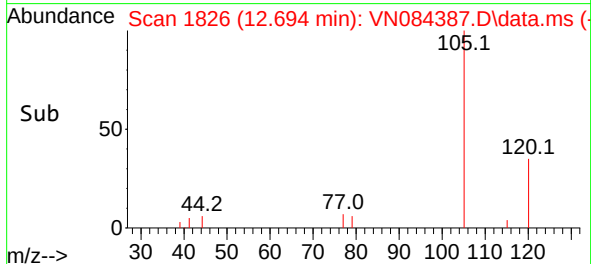
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



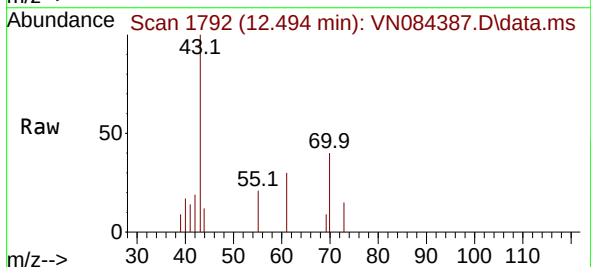
Tgt Ion:105 Resp: 7312
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.7

Manual Integrations
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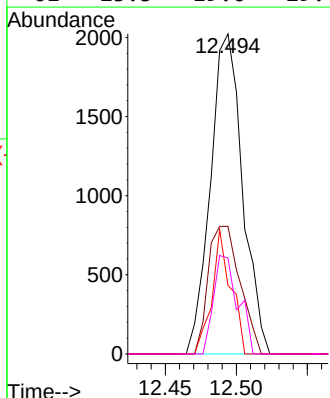
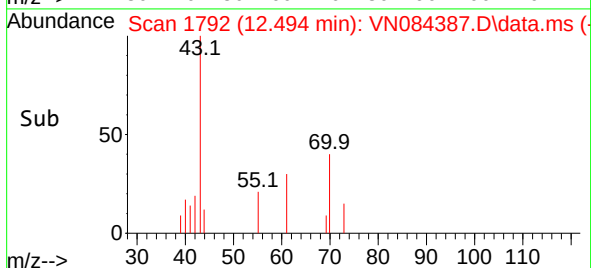
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

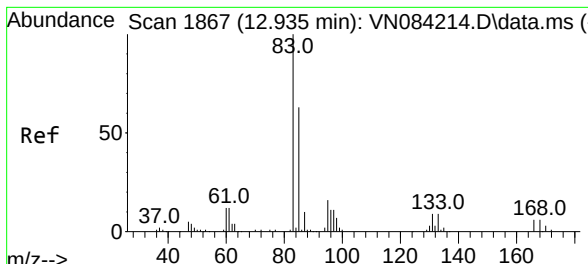


#74
N-ethyl acetate
Concen: 0.832 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



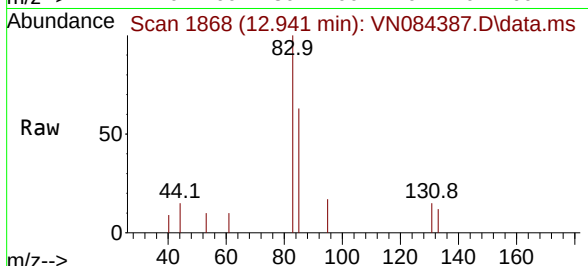
Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
70 39.6 34.4 51.6
55 22.8 19.6 29.4
61 23.3 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 1.130 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

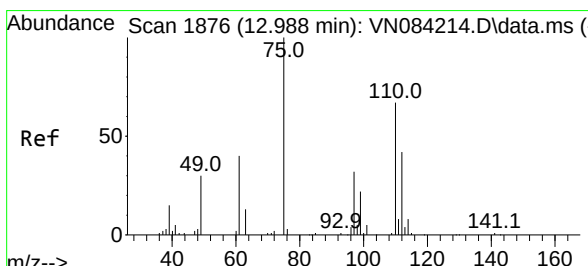
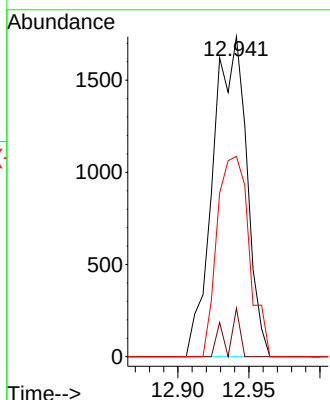
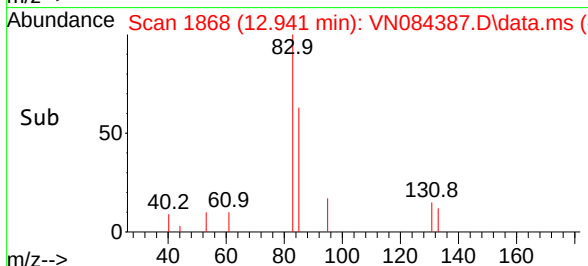
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 83 Resp: 2860
Ion Ratio Lower Upper
83 100
131 2.3 4.9 14.7
85 59.5 31.9 95.7

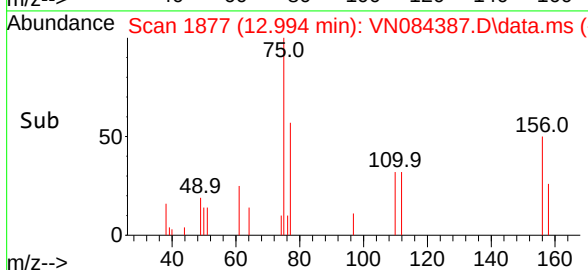
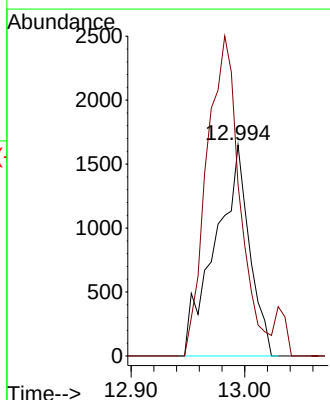
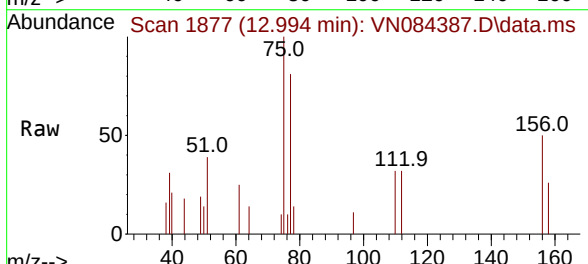
Manual Integrations
APPROVED

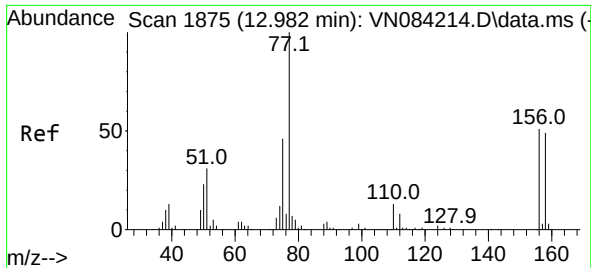
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#76
1,2,3-Trichloropropane
Concen: 1.519 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

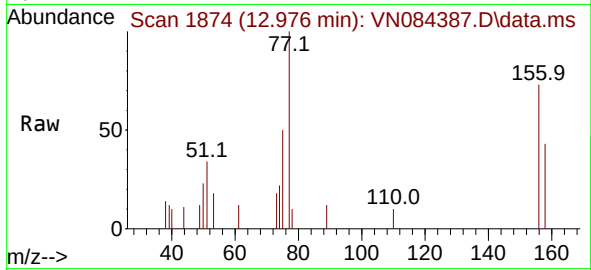
Tgt Ion: 75 Resp: 3429
Ion Ratio Lower Upper
75 100
77 148.0 96.9 290.7





#77
Bromobenzene
Concen: 1.195 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

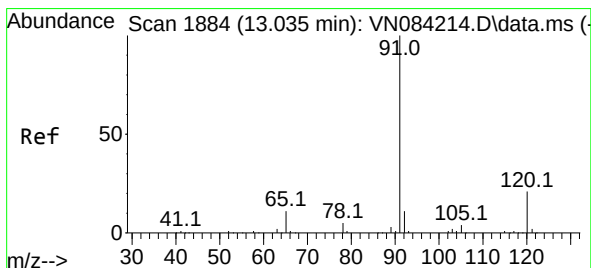
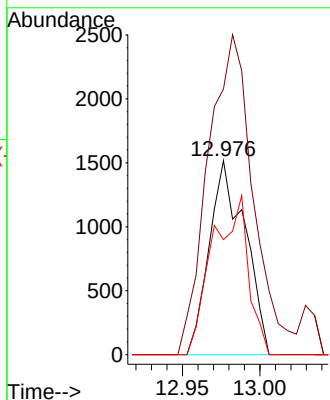
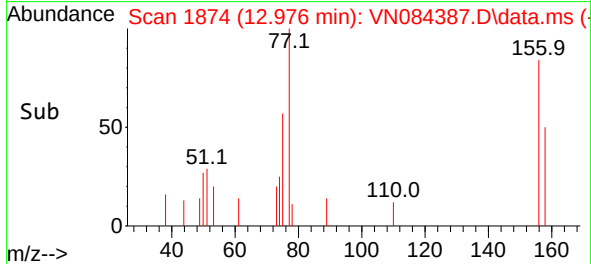
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



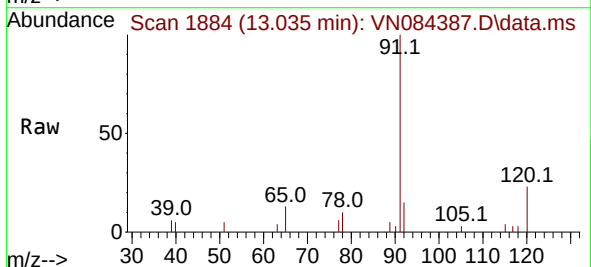
Tgt Ion:156 Resp: 243
Ion Ratio Lower Upper
156 100
77 208.7 115.1 345.3
158 81.7 48.9 146.8

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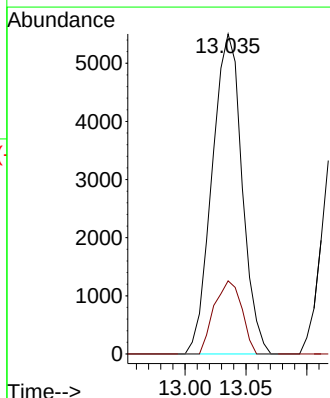
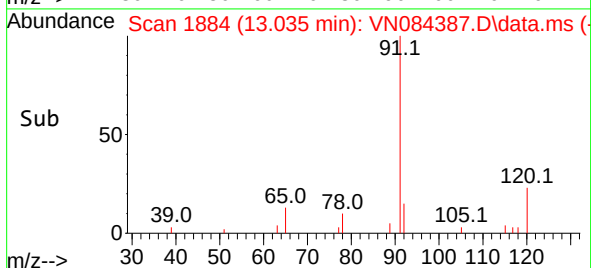
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

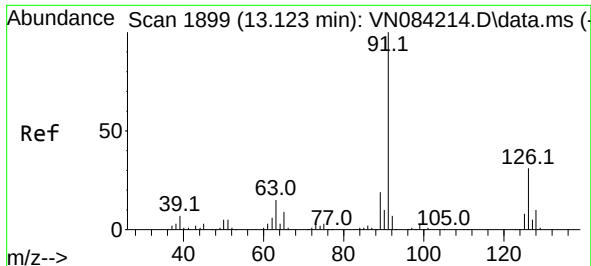


#78
n-propylbenzene
Concen: 0.964 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



Tgt Ion: 91 Resp: 9428
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.4





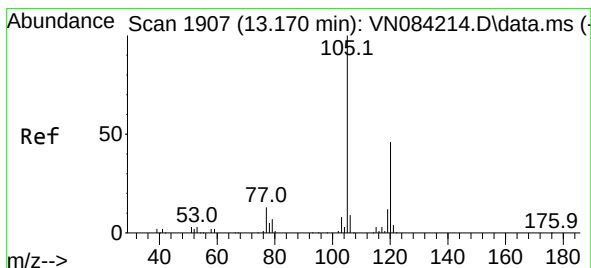
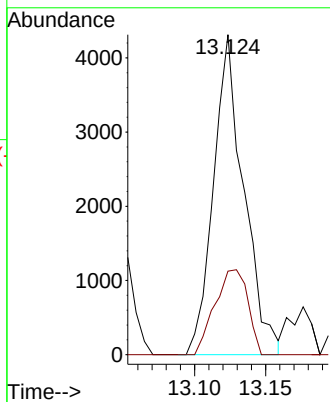
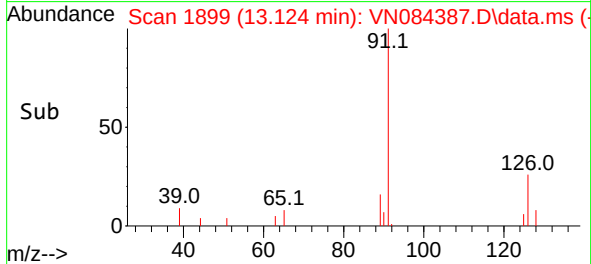
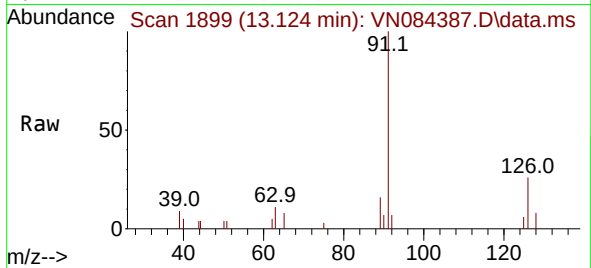
#79
2-Chlorotoluene
Concen: 1.026 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 6402
Ion Ratio Lower Upper
91 100
126 28.8 15.7 47.1

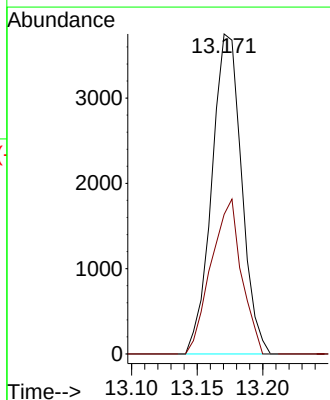
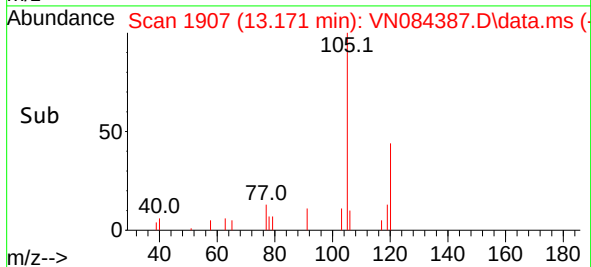
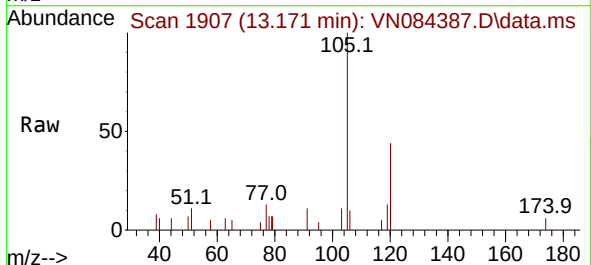
Manual Integrations
APPROVED

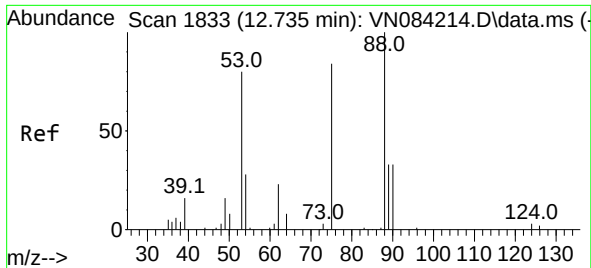
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.862 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

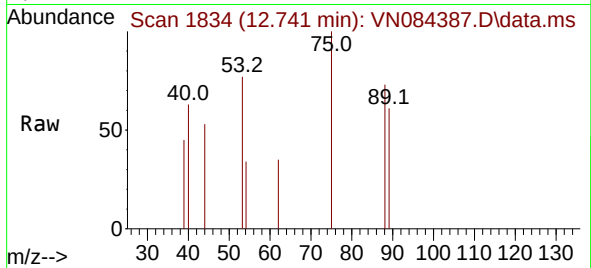
Tgt Ion:105 Resp: 5935
Ion Ratio Lower Upper
105 100
120 49.4 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 0.700 ug/l m
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

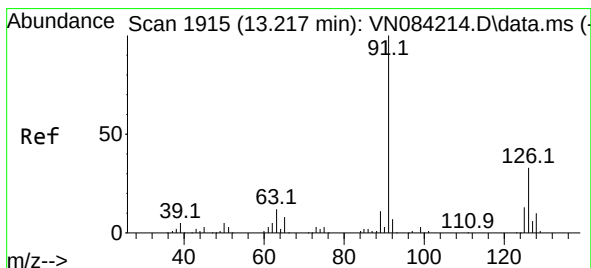
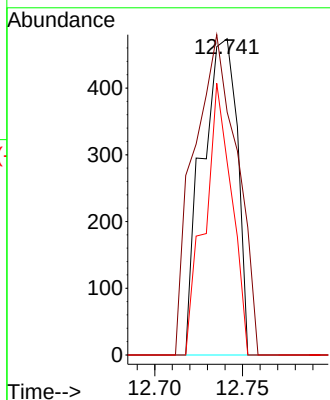
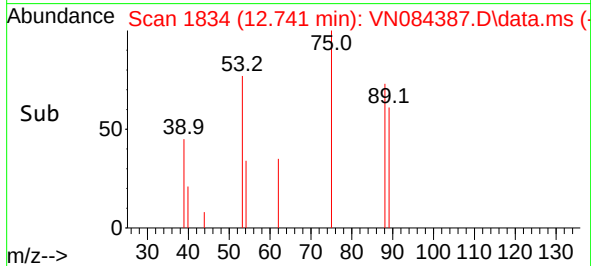
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 659
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 35.5 53.3

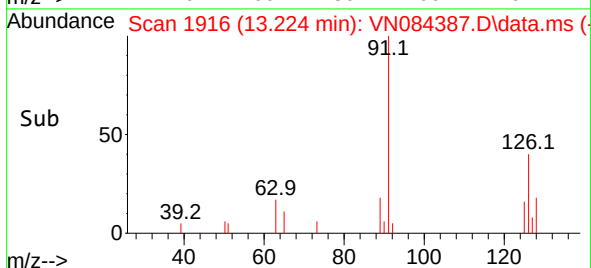
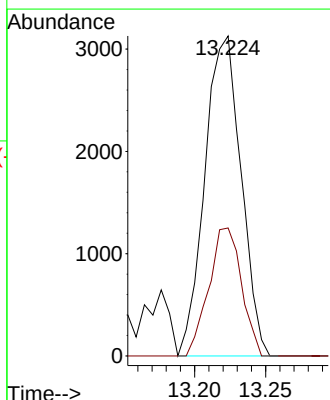
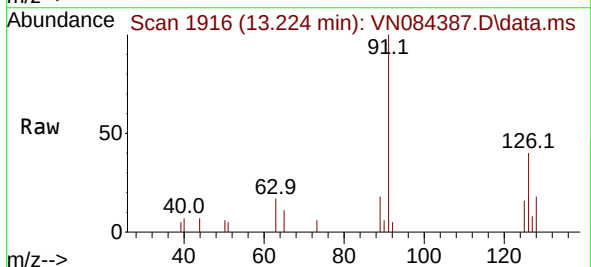
Manual Integrations
APPROVED

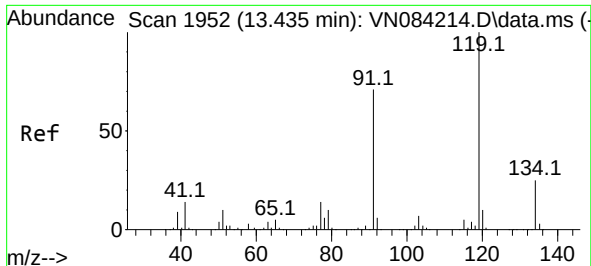
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#82
4-Chlorotoluene
Concen: 0.884 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

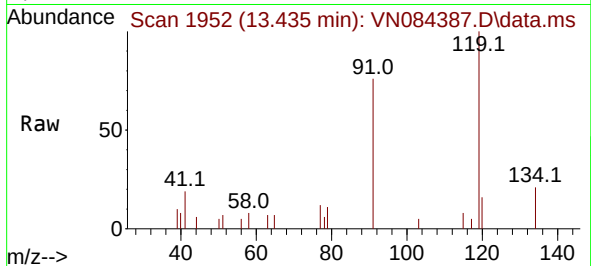
Tgt Ion: 91 Resp: 5549
Ion Ratio Lower Upper
91 100
126 36.0 15.7 47.1





#83
tert-Butylbenzene
Concen: 0.918 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

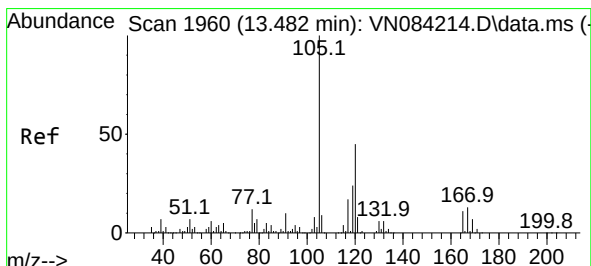
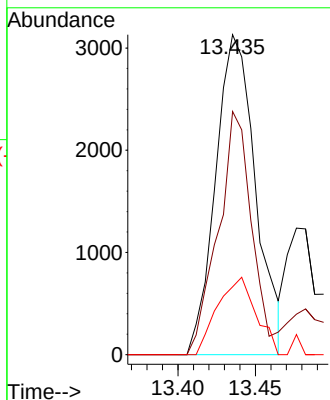
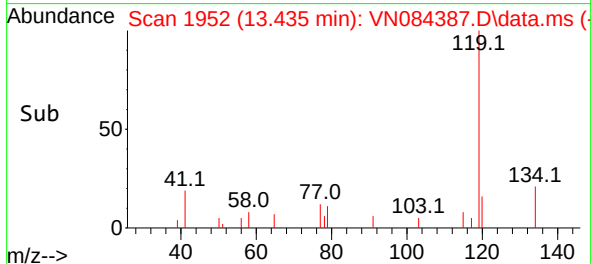
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



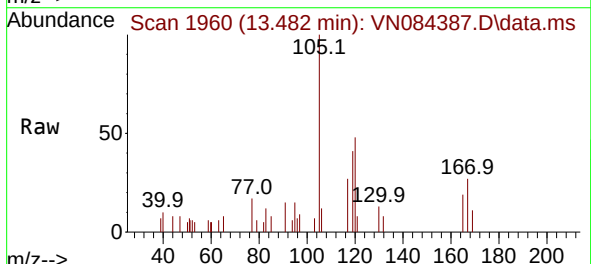
Tgt Ion:119 Resp: 561
Ion Ratio Lower Upper
119 100
91 64.6 34.1 102.3
134 23.2 12.8 38.4

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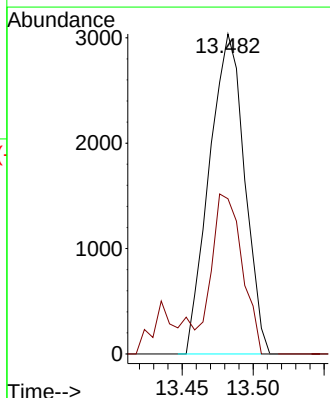
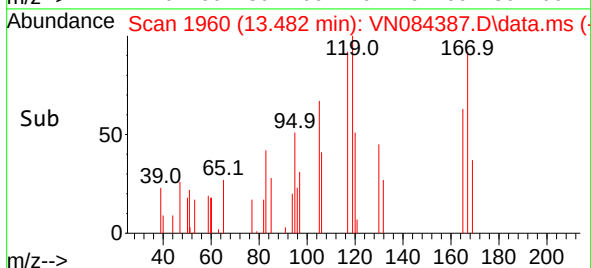
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

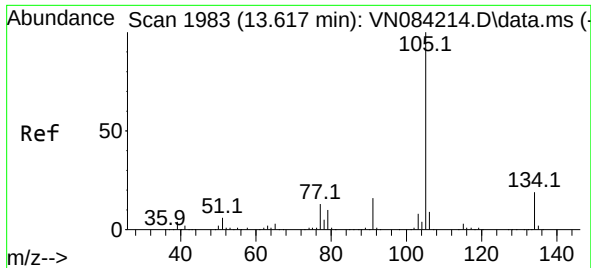


#84
1,2,4-Trimethylbenzene
Concen: 0.757 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



Tgt Ion:105 Resp: 5251
Ion Ratio Lower Upper
105 100
120 43.3 22.3 66.8





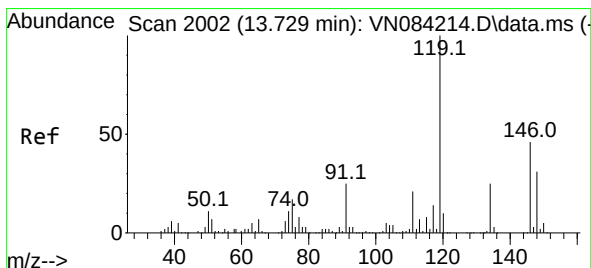
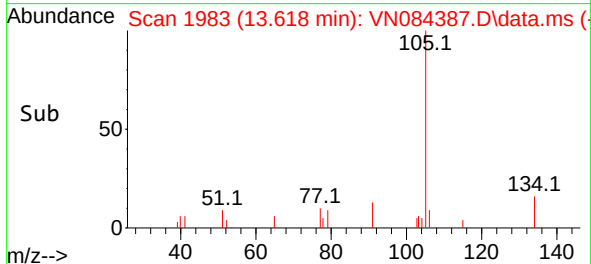
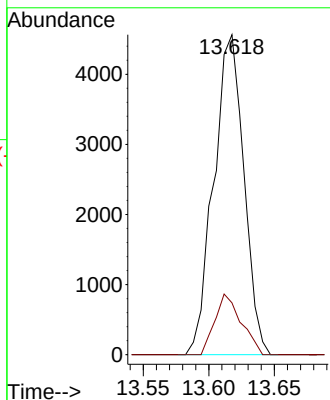
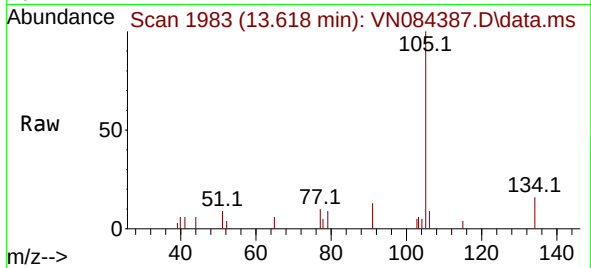
#85
 sec-Butylbenzene
 Concen: 0.895 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 730
 Ion Ratio Lower Upper
 105 100
 134 16.6 9.8 29.4

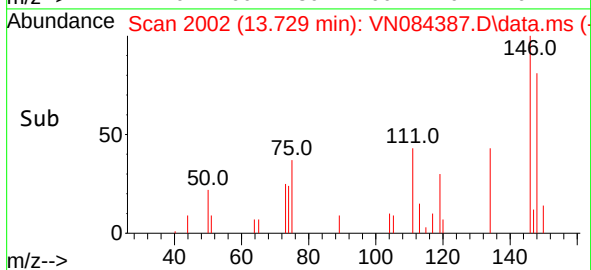
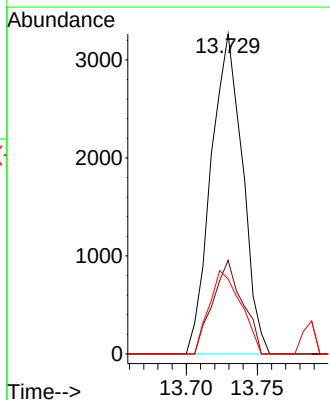
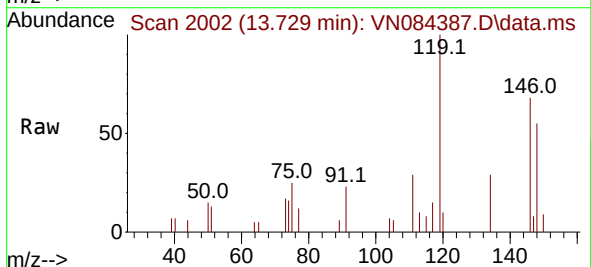
Manual Integrations
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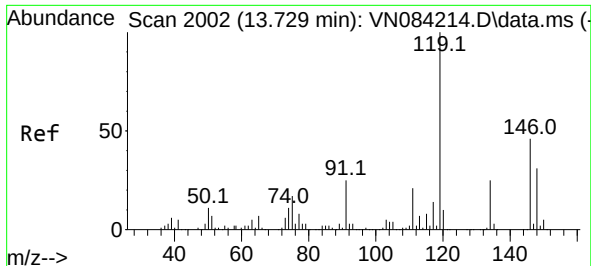
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#86
 p-Isopropyltoluene
 Concen: 0.747 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

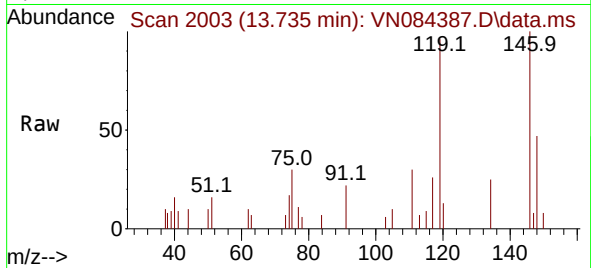
Tgt Ion:119 Resp: 5040
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.6 37.8
 91 26.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 0.991 ug/l
 RT: 13.735 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52

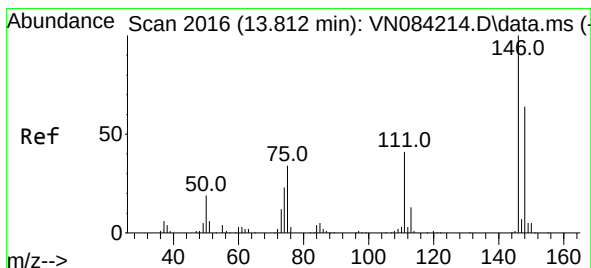
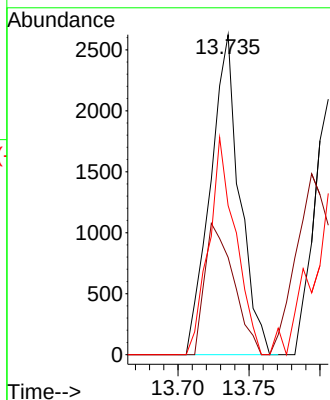
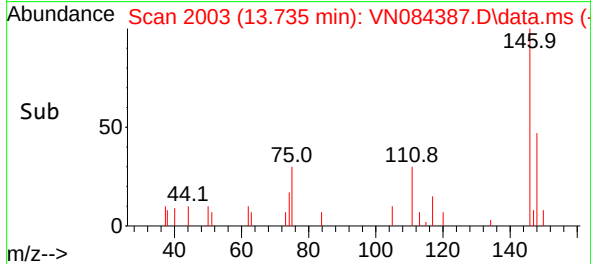
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



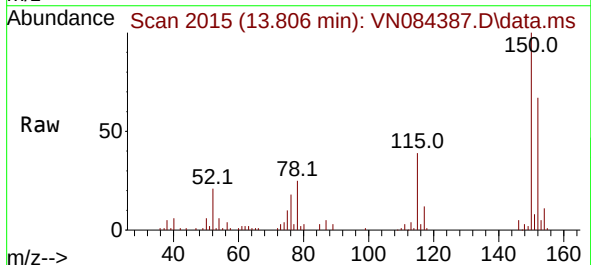
Tgt Ion:146 Resp: 3782
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.8 65.3
 148 61.7 31.9 95.7

Manual Integrations
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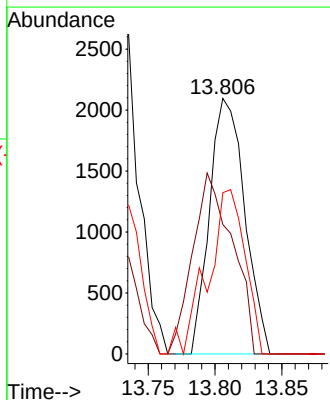
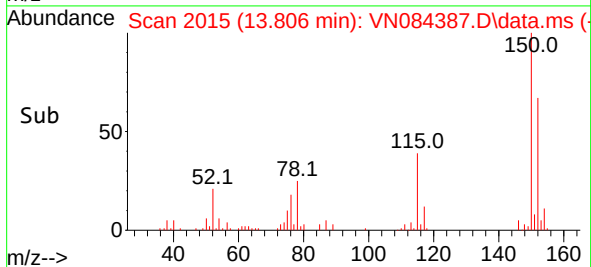
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

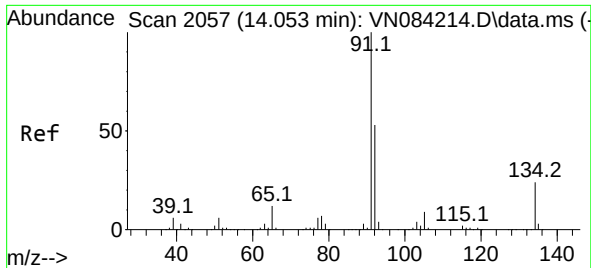


#88
 1,4-Dichlorobenzene
 Concen: 0.996 ug/l m
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN084387.D
 Acq: 10 Oct 2024 14:52



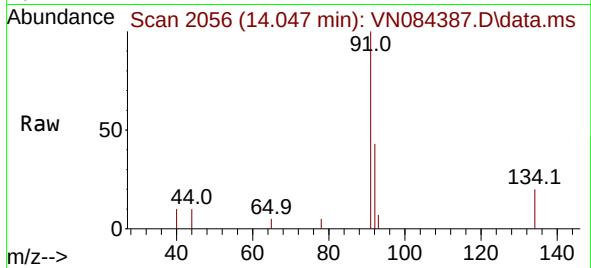
Tgt Ion:146 Resp: 3841
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.2 63.6
 148 60.7 31.9 95.9





#89
n-Butylbenzene
Concen: 0.838 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

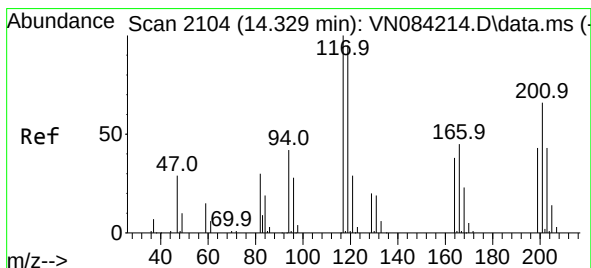
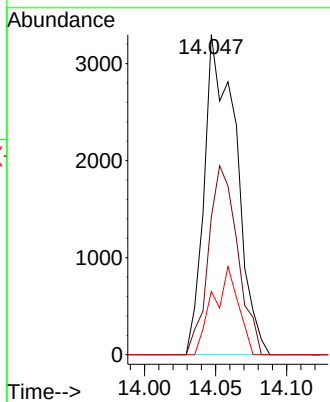
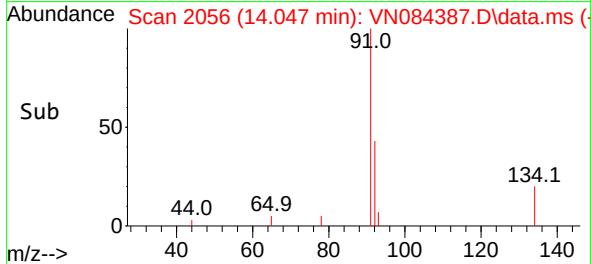
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 91 Resp: 512
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.7
134 22.0 12.3 36.9

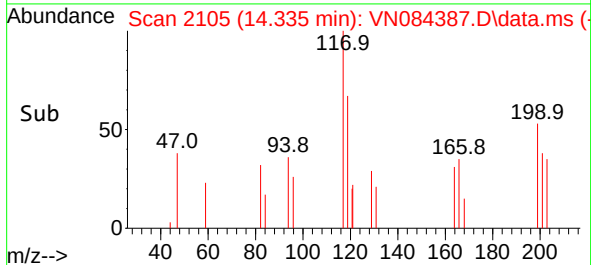
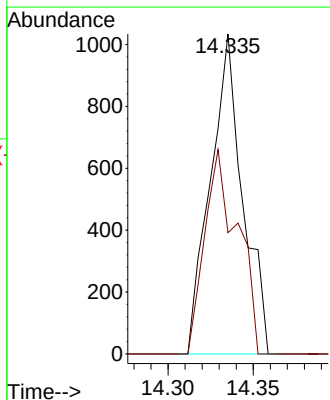
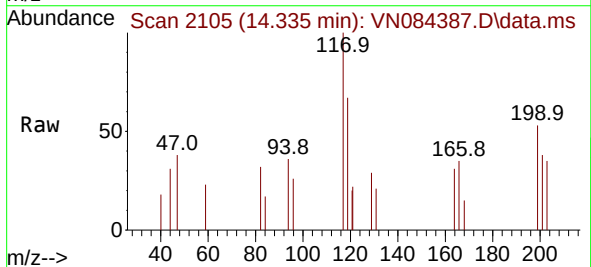
Manual Integrations
APPROVED

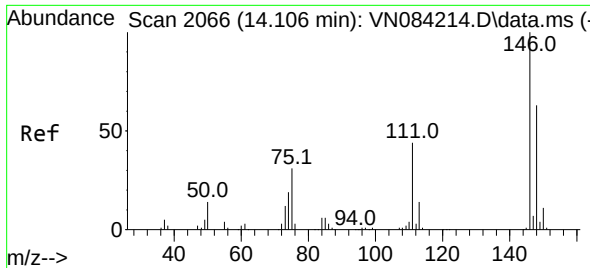
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#90
Hexachloroethane
Concen: 0.997 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

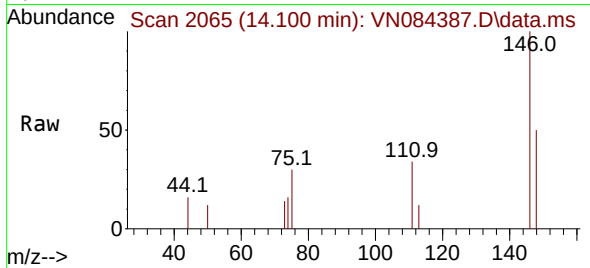
Tgt Ion:117 Resp: 1366
Ion Ratio Lower Upper
117 100
201 64.9 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 0.911 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

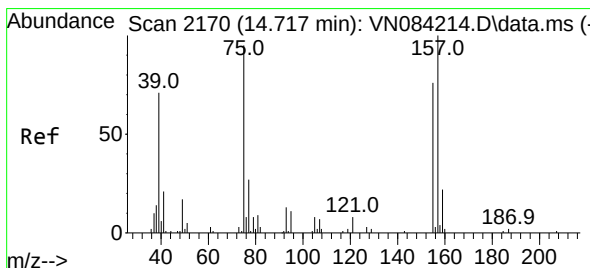
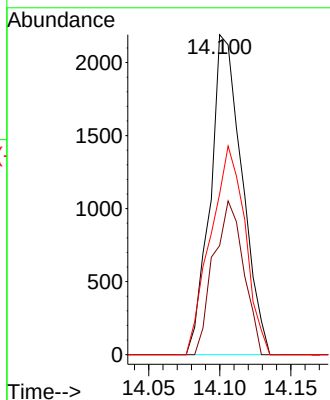
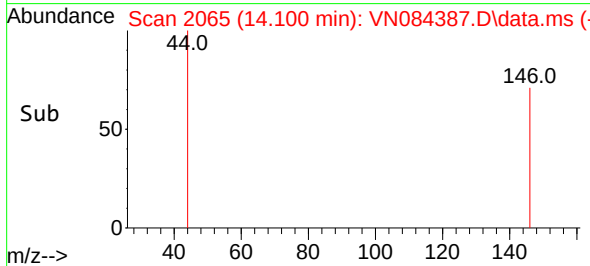
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



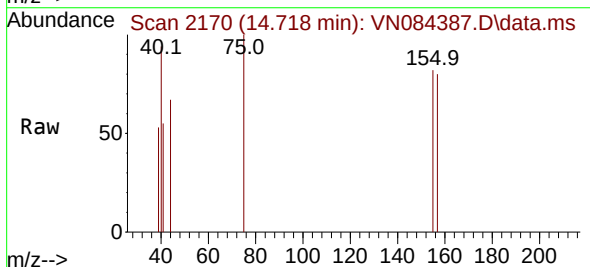
Tgt Ion:146 Resp: 3410
Ion Ratio Lower Upper
146 100
111 45.5 22.0 66.0
148 71.0 32.1 96.3

Manual Integrations
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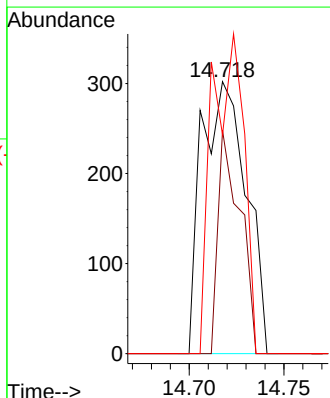
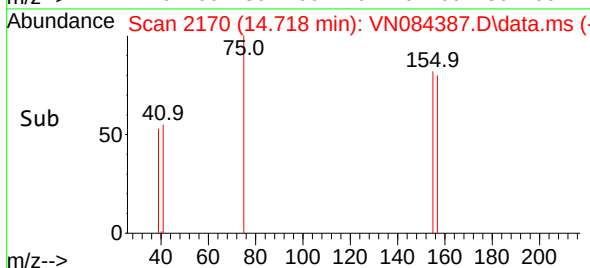
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

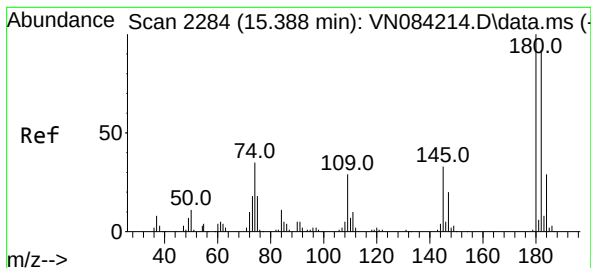


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.947 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



Tgt Ion: 75 Resp: 496
Ion Ratio Lower Upper
75 100
155 40.5 38.1 114.5
157 83.1 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 0.968 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084387.D

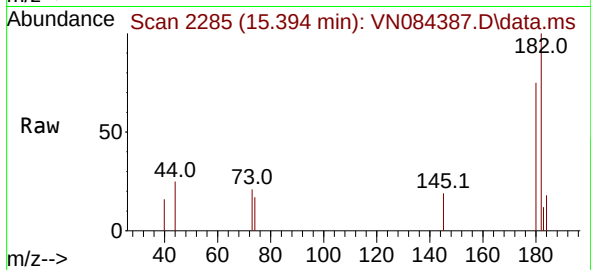
Acq: 10 Oct 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:180 Resp: 1780

Ion Ratio Lower Upper

180 100

182 85.6 47.0 141.0

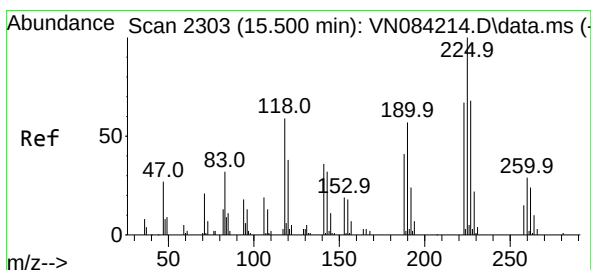
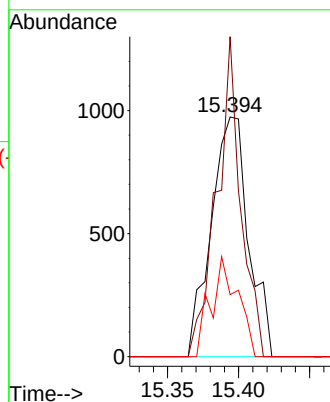
145 29.7 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#94

Hexachlorobutadiene

Concen: 0.910 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084387.D

Acq: 10 Oct 2024 14:52

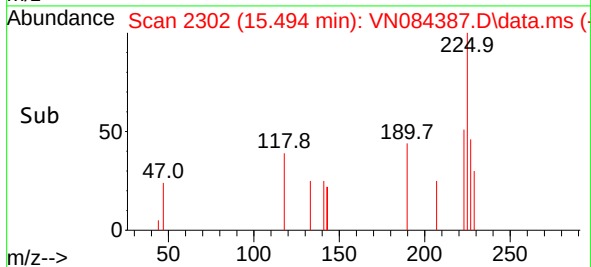
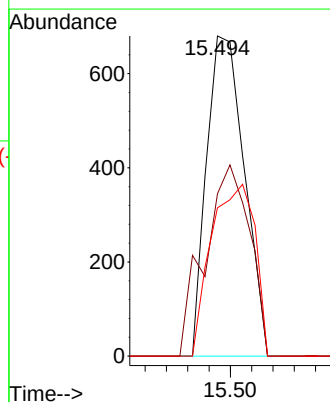
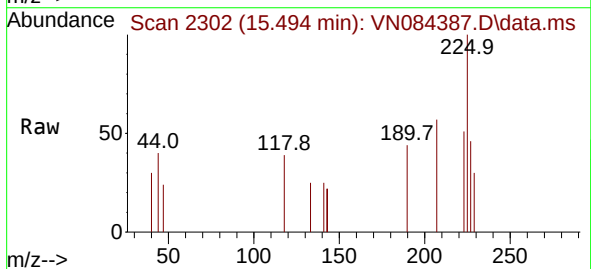
Tgt Ion:225 Resp: 837

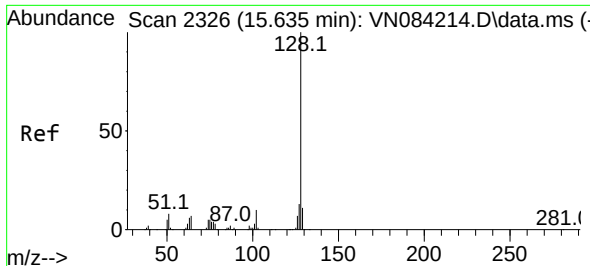
Ion Ratio Lower Upper

225 100

223 71.0 32.4 97.2

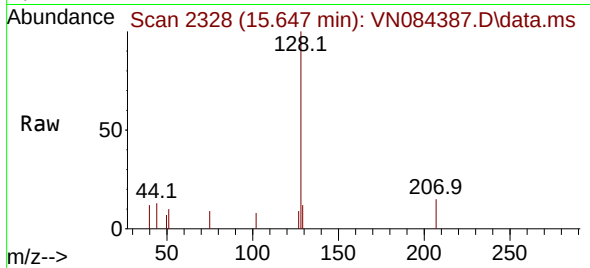
227 62.4 32.4 97.0





#95
Naphthalene
Concen: 0.706 ug/l
RT: 15.647 min Scan# 2326
Delta R.T. 0.012 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52

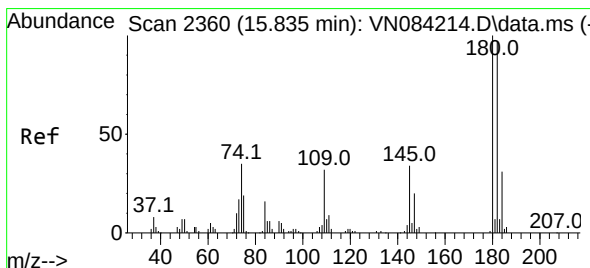
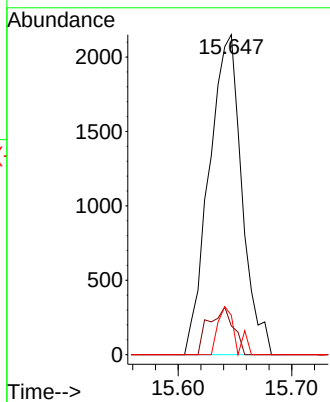
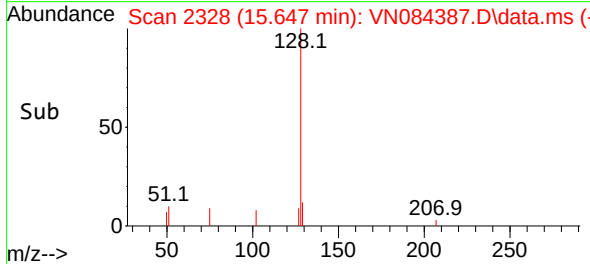
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



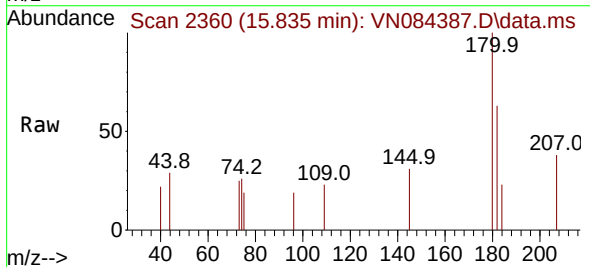
Tgt Ion:128 Resp: 4310
Ion Ratio Lower Upper
128 100
127 11.1 10.5 15.7
129 7.9 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 0.873 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084387.D
Acq: 10 Oct 2024 14:52



Tgt Ion:180 Resp: 1611
Ion Ratio Lower Upper
180 100
182 100.2 48.2 144.6
145 28.7 17.3 51.9

