

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083542.D
 Acq On : 28 Aug 2024 17:44
 Operator : JC\MD
 Sample : P3390-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 29 01:40:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2024
 Supervised By : Mahesh Dadoda 08/29/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	29715	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	172289	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	152164	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81600	30.552	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.833%			
60) 4-Bromofluorobenzene	12.847	95	78926	29.298	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.667%			
63) Toluene-d8	10.565	98	211648	30.129	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.433%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9247	4.634	ug/l	96
3) Chloromethane	2.360	50	11390	5.551	ug/l	92
4) Vinyl Chloride	2.512	62	11036	5.122	ug/l #	84
5) Bromomethane	2.901	94	5326	5.074	ug/l	86
6) Chloroethane	3.059	64	7344	5.203	ug/l	94
7) Trichlorofluoromethane	3.454	101	18258	5.127	ug/l	87
8) Diethyl Ether	3.954	74	6320	5.052	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.342	101	9449m	4.802	ug/l	
10) 1,1-Dichloroethene	4.324	96	9482m	5.090	ug/l	
11) Methyl Iodide	4.571	142	10183	3.972	ug/l	94
12) Methyl Acetate	5.030	43	17292	5.408	ug/l #	78
13) Acrolein	4.171	56	8366	27.130	ug/l	91
14) Acrylonitrile	5.718	53	26565	26.756	ug/l	98
15) Acetone	4.436	58	6492	22.099	ug/l	91
16) Carbon Disulfide	4.689	76	26088	5.198	ug/l	100
17) Allyl chloride	5.006	41	15967	4.642	ug/l	98
18) Methylene Chloride	5.259	84	10604	5.133	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	9350	4.869	ug/l	98
20) Diisopropyl ether	6.671	45	32540	4.865	ug/l	94
21) 1,1-Dichloroethane	6.559	63	19262	5.101	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	11100	4.673	ug/l #	67
23) tert-Butyl Alcohol	5.536	59	11575	27.632	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	34195	4.957	ug/l #	85
25) Chloroform	7.965	83	19862	4.961	ug/l	100
26) Cyclohexane	8.247	56	15712	4.786	ug/l #	88
29) 1,1-Dichloropropene	8.365	75	13443	4.974	ug/l	82
30) 2-Butanone	7.489	43	35539	25.629	ug/l #	92
31) 2,2-Dichloropropane	7.489	77	15325m	4.373	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	17549	4.858	ug/l	92
33) Carbon Tetrachloride	8.359	117	15241	4.845	ug/l	97
34) Benzene	8.606	78	41926	5.112	ug/l #	88
35) Methacrylonitrile	7.777	41	8150	5.080	ug/l	92
36) 1,2-Dichloroethane	8.665	62	15647	5.116	ug/l #	94
37) Trichloroethene	9.347	130	9714	4.998	ug/l	100
38) Methylcyclohexane	9.600	83	15570	4.697	ug/l	98
39) 1,2-Dichloropropane	9.624	63	9761	4.895	ug/l	96
40) Dibromomethane	9.706	93	7622	5.325	ug/l	92
41) Bromodichloromethane	9.888	83	15225	4.921	ug/l	92
42) Vinyl Acetate	6.600	43	171482	25.200	ug/l	98

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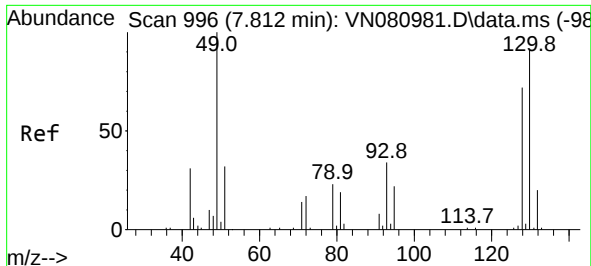
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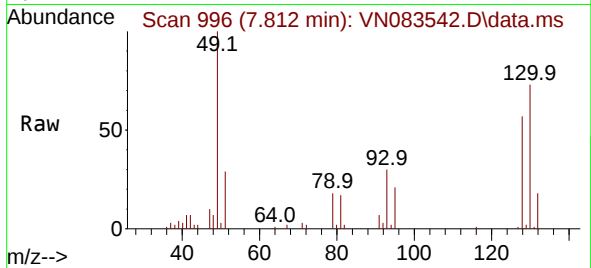
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	15224	5.716	ug/l #	85
44) Isopropyl Acetate	8.694	43	36245	5.760	ug/l #	78
45) 1,4-Dioxane	9.700	88	4128	101.172	ug/l #	84
46) Methyl methacrylate	9.683	41	12525	5.387	ug/l	84
47) n-amyl Acetate	12.494	43	22071	5.097	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	15393	4.692	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	16561	4.842	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	9619	5.014	ug/l	91
51) Ethyl methacrylate	10.877	69	16458	4.919	ug/l	79
52) 1,3-Dichloropropane	11.165	76	16767	5.005	ug/l	97
53) Dibromochloromethane	11.359	129	10712	4.766	ug/l	99
54) 1,2-Dibromoethane	11.471	107	10021	5.098	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	36997	25.974	ug/l	97
56) Bromoform	12.582	173	6736	4.590	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	72901	27.013	ug/l #	89
59) 2-Hexanone	11.194	43	55617	26.873	ug/l	87
61) Tetrachloroethene	11.106	164	7691	4.759	ug/l	97
62) Toluene	10.630	91	45100	5.124	ug/l	99
64) Chlorobenzene	11.894	112	26262	4.816	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	9375	4.831	ug/l	95
66) Ethyl Benzene	11.965	91	47603	4.794	ug/l	99
67) m/p-Xylenes	12.071	106	34693	9.427	ug/l	99
68) o-Xylene	12.400	106	17096	4.730	ug/l	90
69) Styrene	12.412	104	27472	4.465	ug/l	97
70) Isopropylbenzene	12.694	105	45418	4.758	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	14847	5.324	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	11687m	4.854	ug/l	
73) Bromobenzene	12.982	156	9774	4.524	ug/l	89
74) n-propylbenzene	13.035	91	48397	4.376	ug/l	99
75) 2-Chlorotoluene	13.129	91	31866	4.502	ug/l	97
76) 1,3,5-Trimethylbenzene	13.171	105	36571	4.589	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	3901	3.734	ug/l	91
78) 4-Chlorotoluene	13.224	91	31088	4.424	ug/l	99
79) tert-butylbenzene	13.441	119	32774	4.592	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	36370	4.477	ug/l	97
81) sec-Butylbenzene	13.618	105	42482	4.421	ug/l	99
82) p-Isopropyltoluene	13.729	119	34481	4.239	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	18086	4.285	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	18308	4.319	ug/l	98
85) n-Butylbenzene	14.059	91	29905	4.148	ug/l	99
86) Hexachloroethane	14.335	117	8334	5.231	ug/l	81
87) 1,2-Dichlorobenzene	14.106	146	18990	4.571	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	3613	5.667	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.841	180	9648	4.236	ug/l	98
90) Hexachlorobutadiene	15.506	225	4633	4.787	ug/l	90
91) Naphthalene	15.641	128	33809	4.294	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	9648	4.236	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

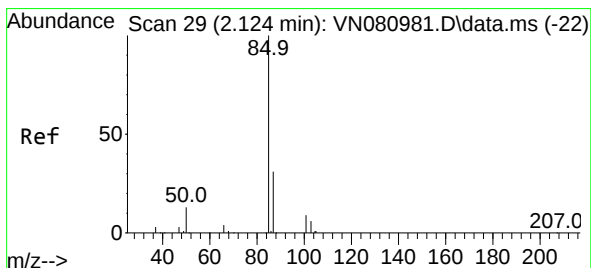
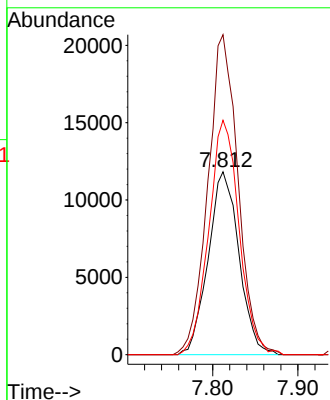
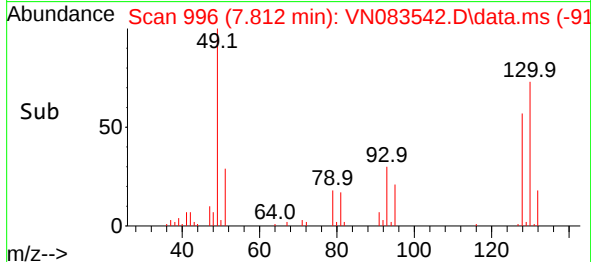
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:128 Resp: 29715
Ion Ratio Lower Upper
128 100
49 171.3 0.0 403.7
130 125.8 0.0 323.3

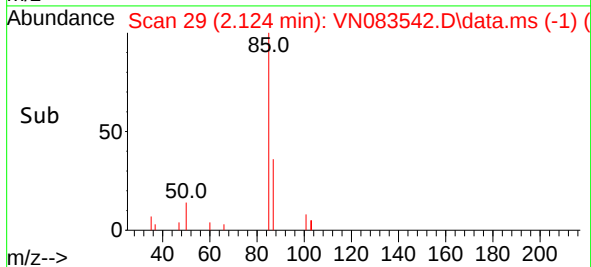
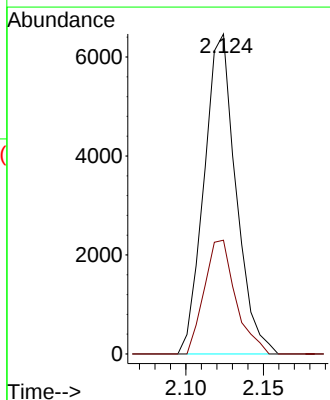
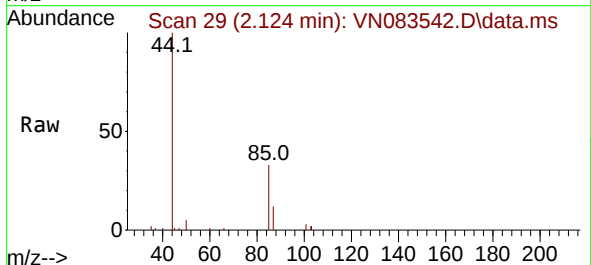
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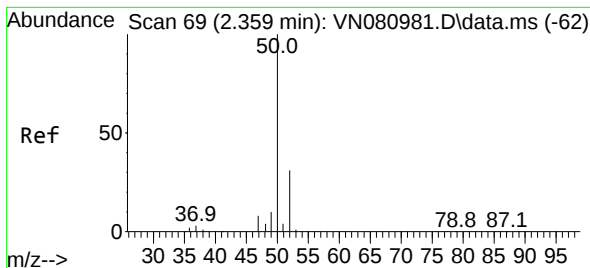
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#2
Dichlorodifluoromethane
Concen: 4.634 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 85 Resp: 9247
Ion Ratio Lower Upper
85 100
87 35.5 16.8 50.3





#3

Chloromethane

Concen: 5.551 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

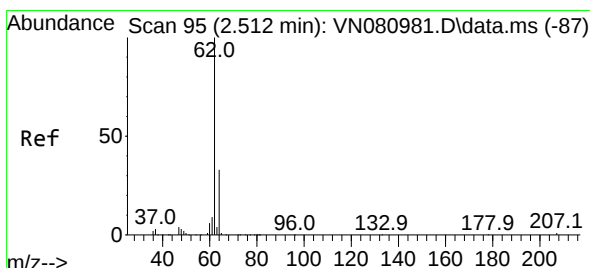
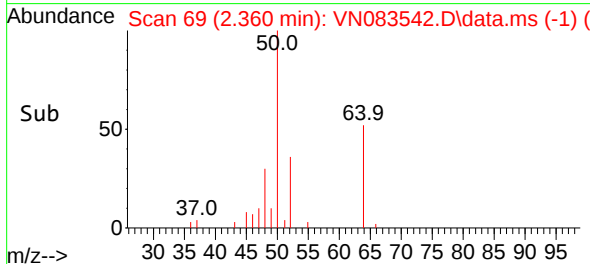
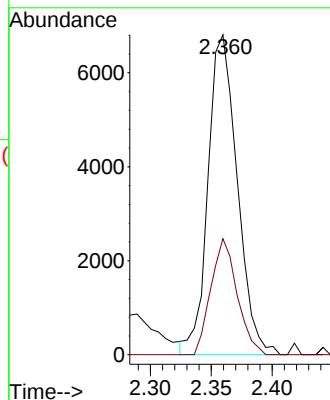
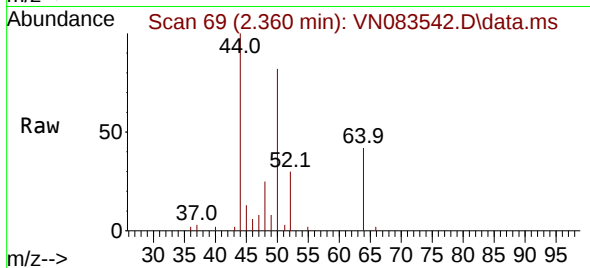
ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 50 Resp: 11390
 Ion Ratio Lower Upper
 50 100
 52 36.2 25.4 38.0

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 Supervised By :Mahesh Dadoda 08/29/2024



#4

Vinyl Chloride

Concen: 5.122 ug/l

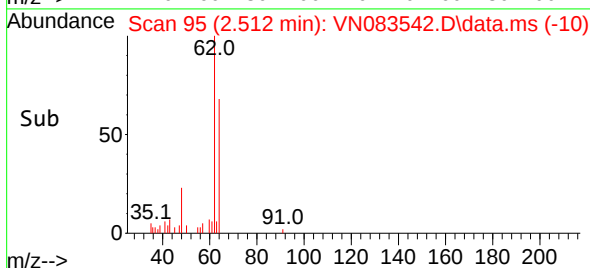
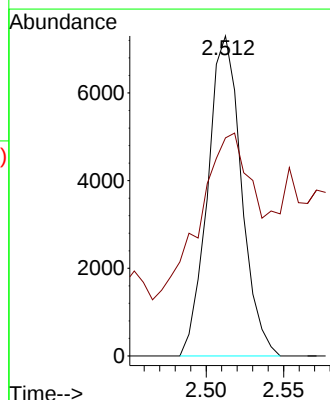
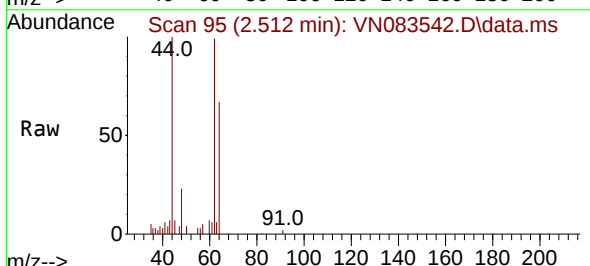
RT: 2.512 min Scan# 95

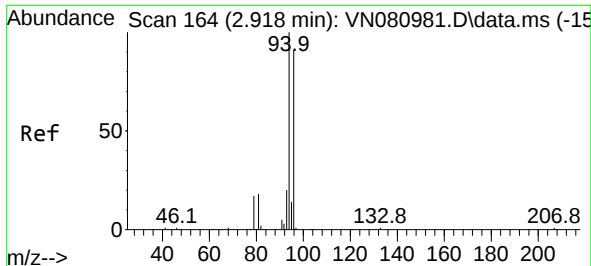
Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

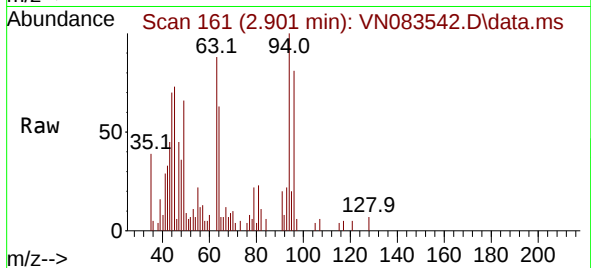
Tgt Ion: 62 Resp: 11036
 Ion Ratio Lower Upper
 62 100
 64 38.7 24.1 36.1





#5
Bromomethane
Concen: 5.074 ug/l
RT: 2.901 min Scan# 110
Delta R.T. -0.018 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

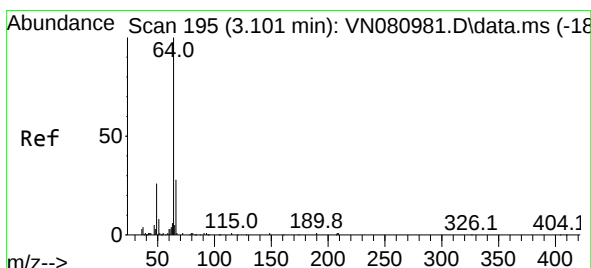
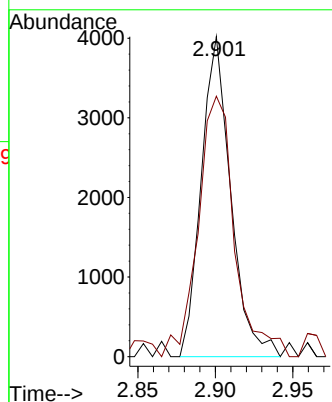
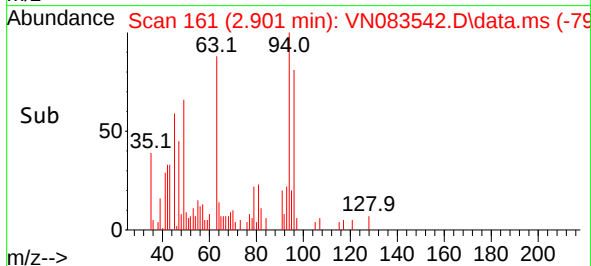
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 94 Resp: 5320
Ion Ratio Lower Upper
94 100
96 77.6 72.8 109.2

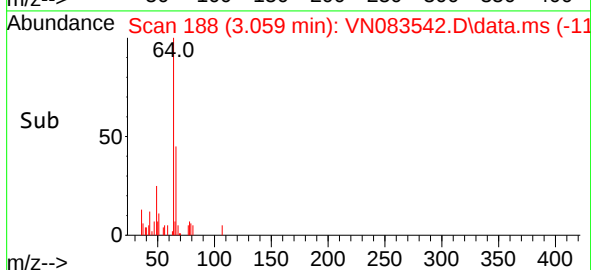
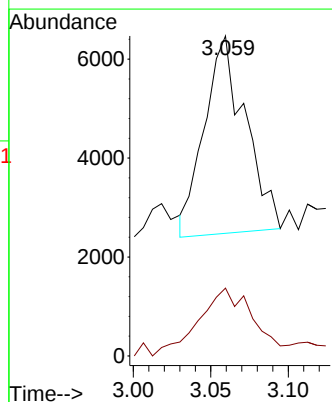
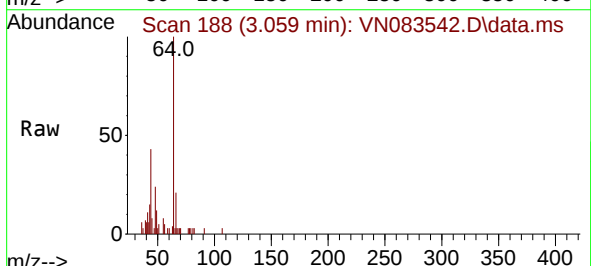
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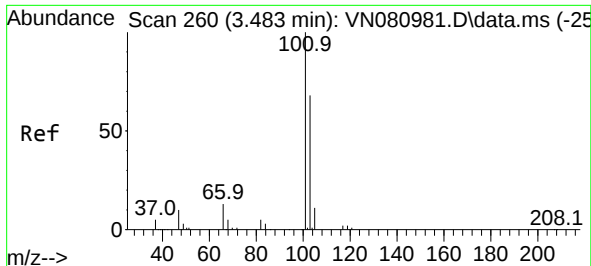
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#6
Chloroethane
Concen: 5.203 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.041 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

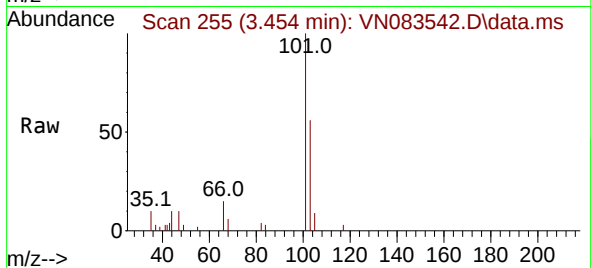
Tgt Ion: 64 Resp: 7344
Ion Ratio Lower Upper
64 100
66 30.0 26.7 40.1





#7
Trichlorofluoromethane
Concen: 5.127 ug/l
RT: 3.454 min Scan# 210
Delta R.T. -0.029 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

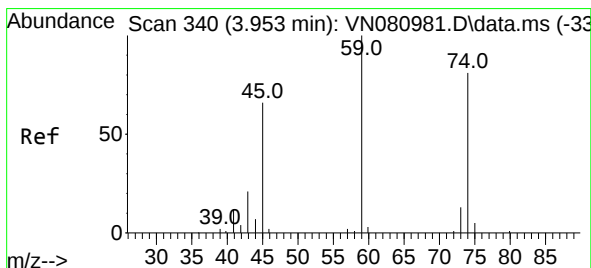
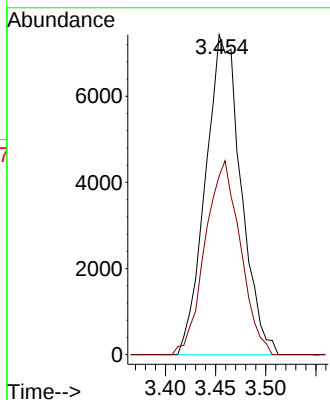
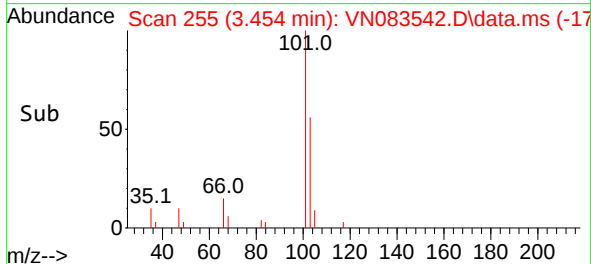
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LOQ-WATER-02-QT3-2024



Tgt Ion:101 Resp: 1825
Ion Ratio Lower Upper
101 100
103 55.9 53.0 79.4

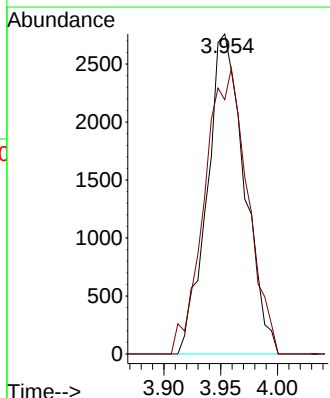
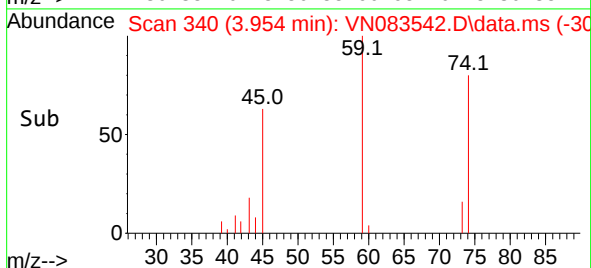
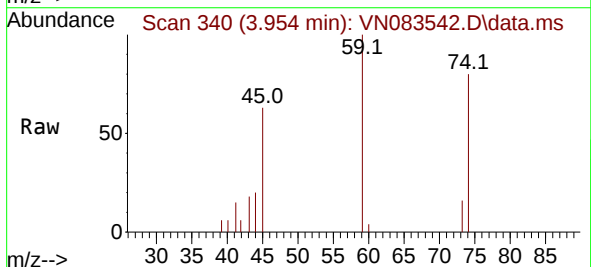
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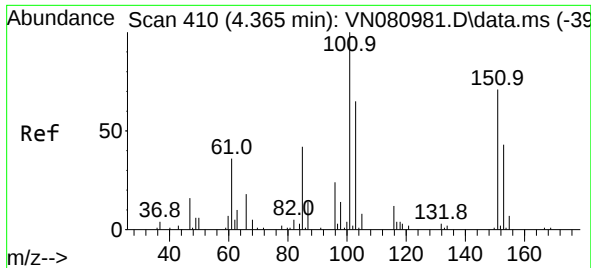
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#8
Diethyl Ether
Concen: 5.052 ug/l
RT: 3.954 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 74 Resp: 6320
Ion Ratio Lower Upper
74 100
45 102.4 16.4 147.4





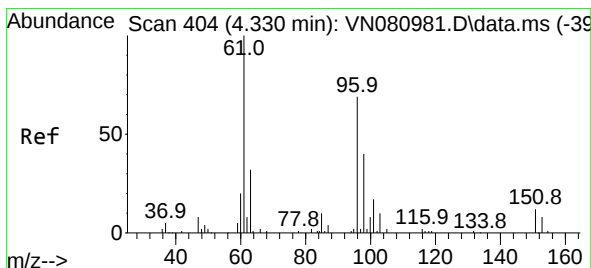
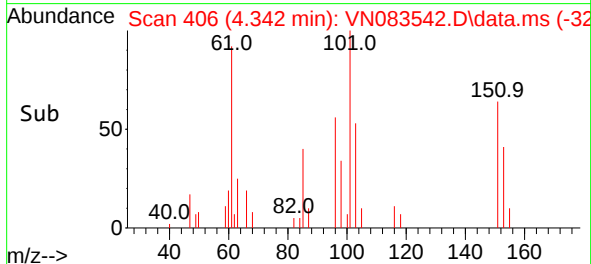
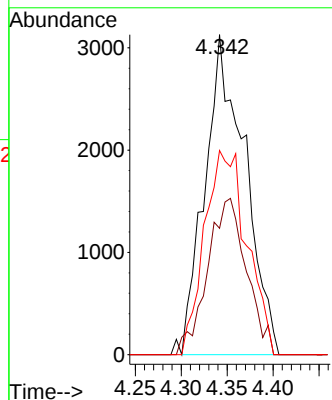
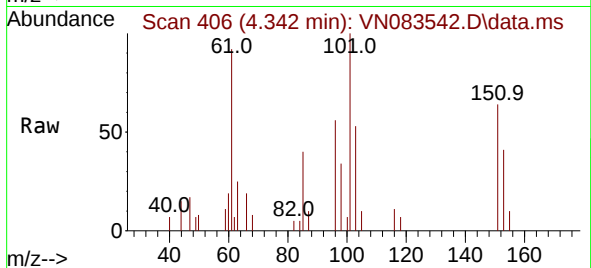
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1,1,2-Trichlorotrifluoroethane
Concen: 4.802 ug/l m
RT: 4.342 min Scan# 406
Delta R.T. -0.023 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:101 Resp: 9449
Ion Ratio Lower Upper
101 100
85 45.7 0.0 90.6
151 42.6 0.0 157.6

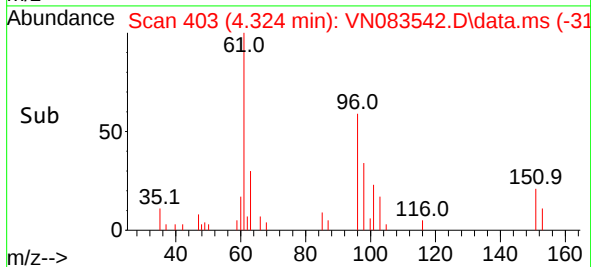
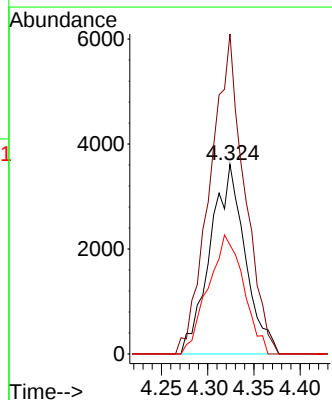
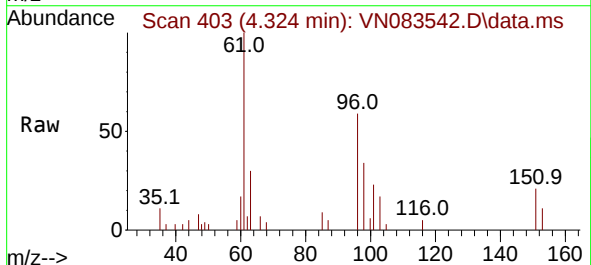
Manual Integrations
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Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#10
1,1-Dichloroethene
Concen: 5.090 ug/l m
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

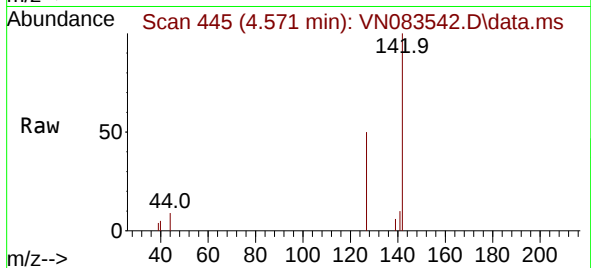
Tgt Ion: 96 Resp: 9482
Ion Ratio Lower Upper
96 100
61 168.8 117.6 176.4
98 57.5 48.4 72.6





#11
Methyl Iodide
Concen: 3.972 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.012 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

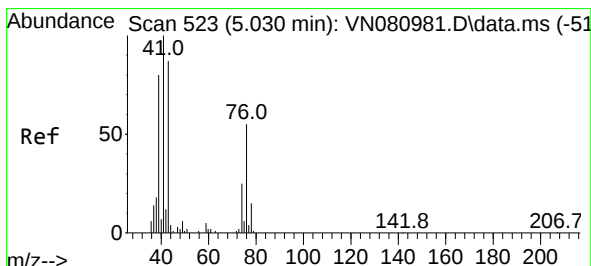
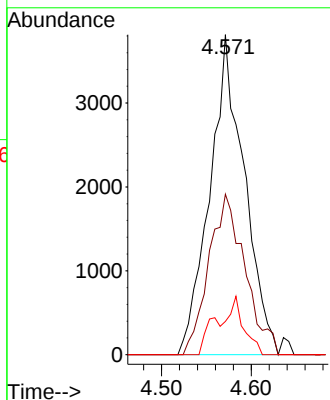
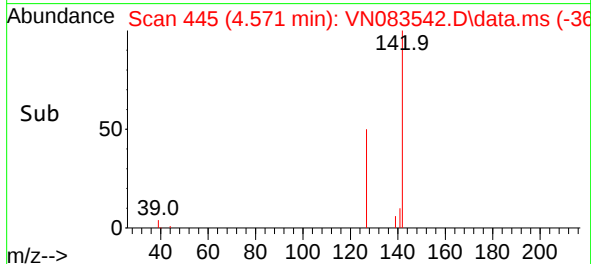
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:142 Resp: 1018
Ion Ratio Lower Upper
142 100
127 50.1 26.3 78.9
141 10.4 8.3 24.9

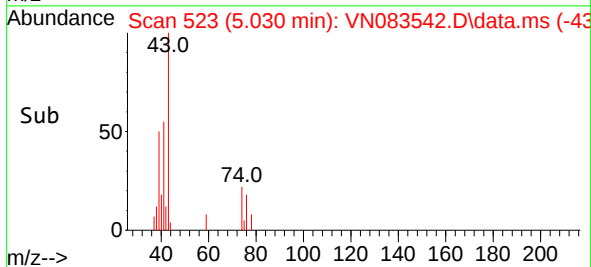
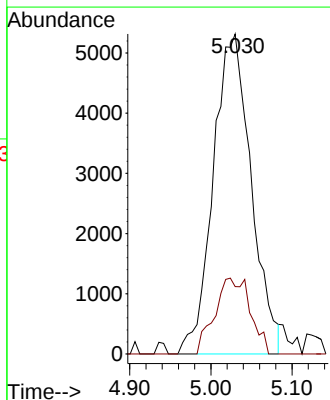
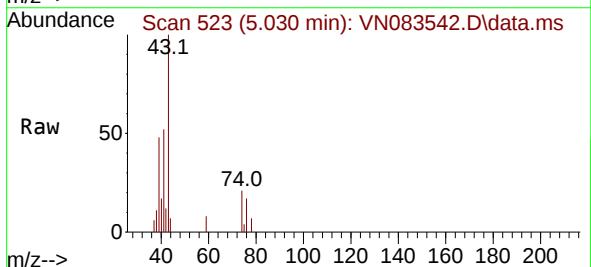
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#12
Methyl Acetate
Concen: 5.408 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 43 Resp: 17292
Ion Ratio Lower Upper
43 100
74 22.1 27.7 41.5#





#13

Acrolein

Concen: 27.130 ug/l

RT: 4.171 min Scan# 377

Delta R.T. 0.000 min

Lab File: VN083542.D

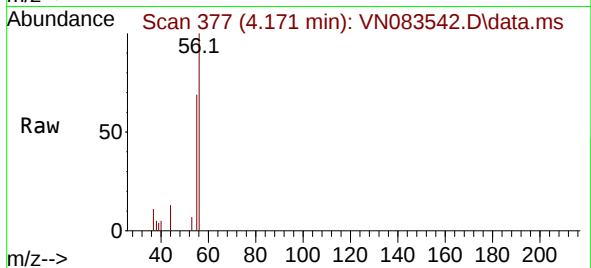
Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024



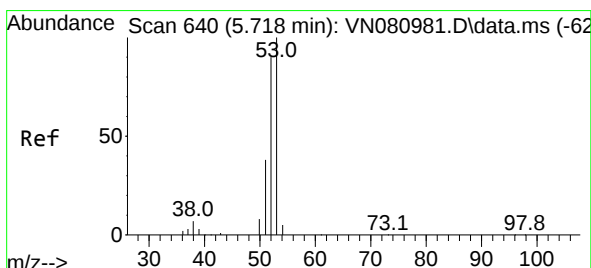
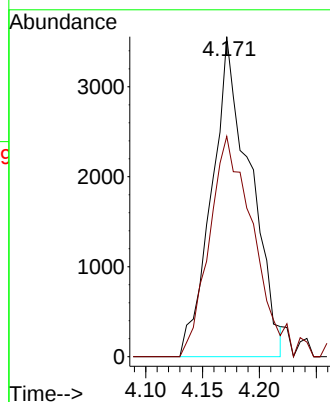
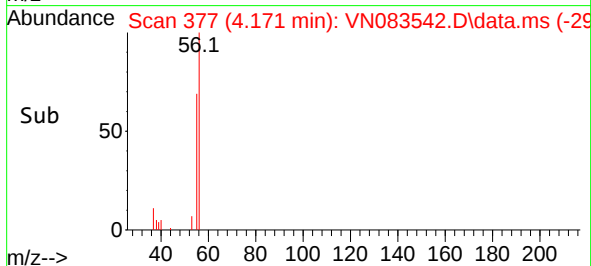
Tgt Ion:	56	Resp:	836
Ion Ratio	Lower	Upper	
56	100		
55	76.4	55.5	83.3

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Supervised By :Mahesh Dadoda 08/29/2024



#14

Acrylonitrile

Concen: 26.756 ug/l

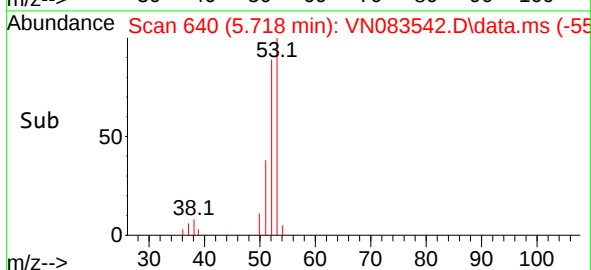
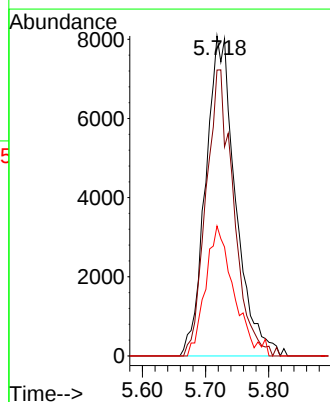
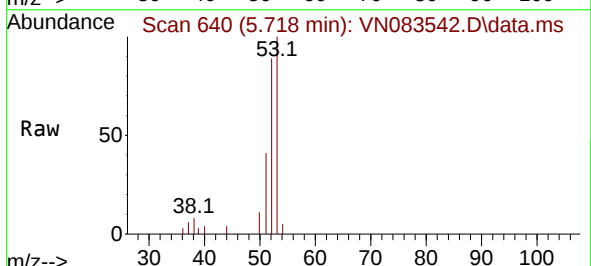
RT: 5.718 min Scan# 640

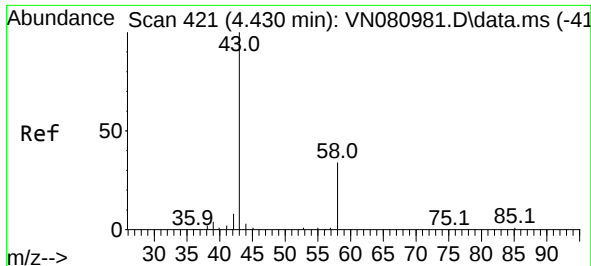
Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

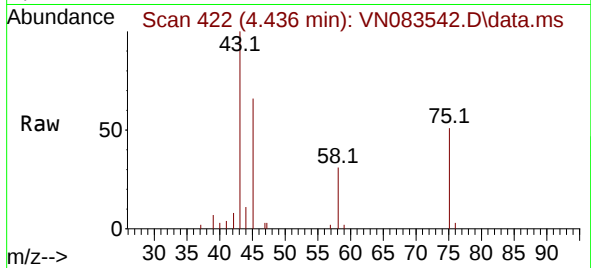
Tgt Ion:	53	Resp:	26565
Ion Ratio	Lower	Upper	
53	100		
52	81.9	41.3	123.9
51	37.3	16.8	50.3





#15
Acetone
Concen: 22.099 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

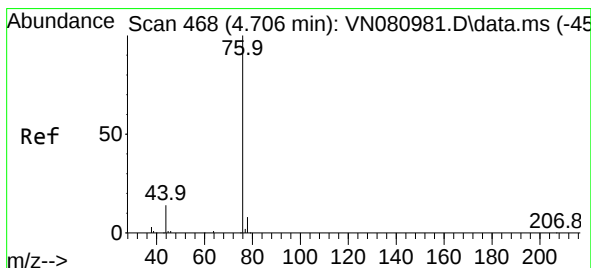
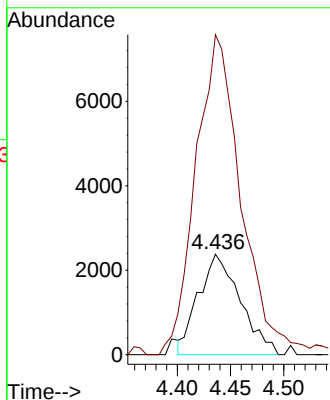
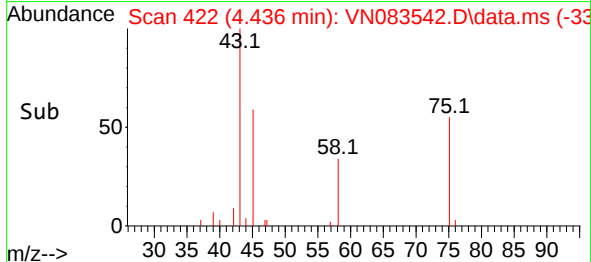
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



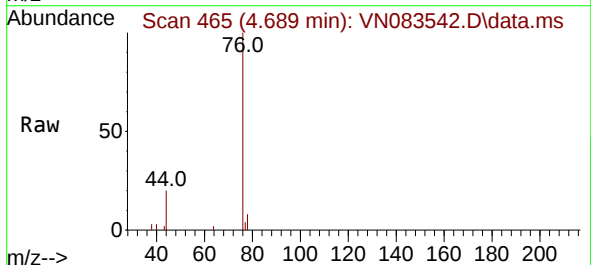
Tgt Ion: 58 Resp: 649
Ion Ratio Lower Upper
58 100
43 296.4 223.1 334.7

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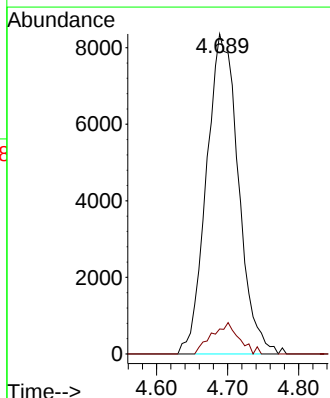
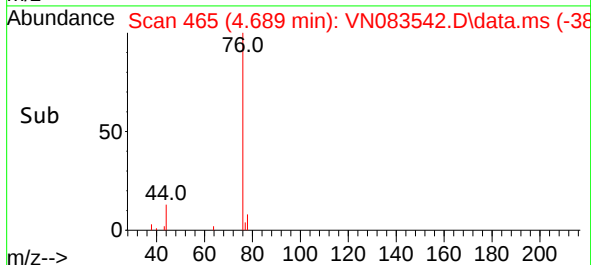
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

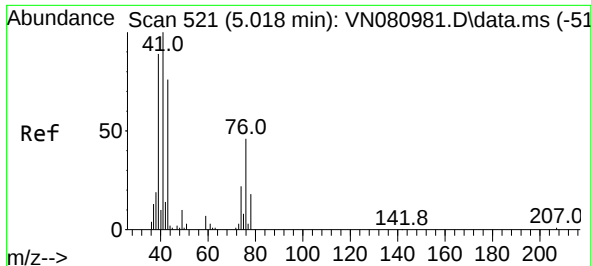


#16
Carbon Disulfide
Concen: 5.198 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.018 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



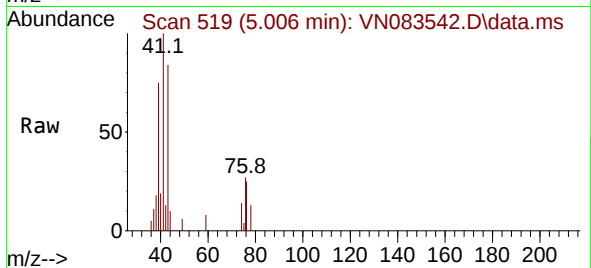
Tgt Ion: 76 Resp: 26088
Ion Ratio Lower Upper
76 100
78 7.8 6.3 9.5





#17
Allyl chloride
Concen: 4.642 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

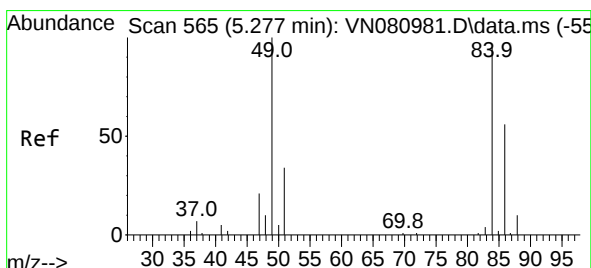
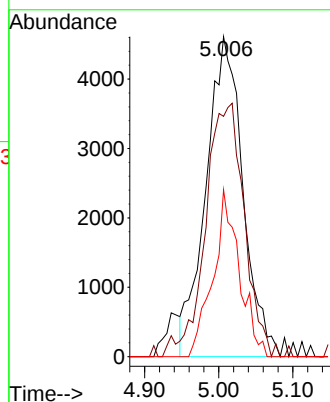
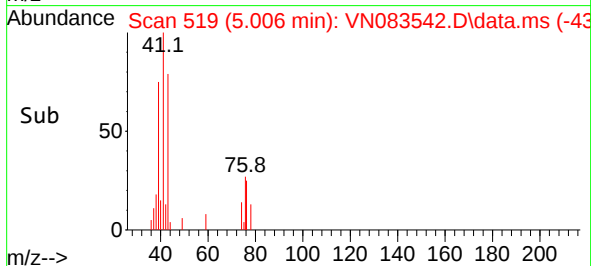
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.1	37.6	112.9
76	52.2	27.8	83.4

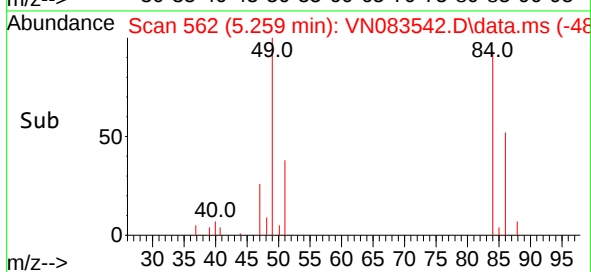
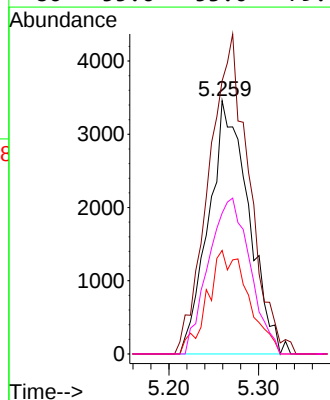
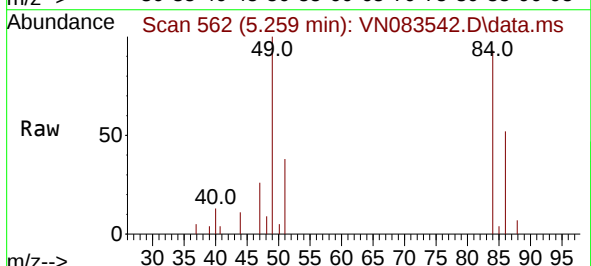
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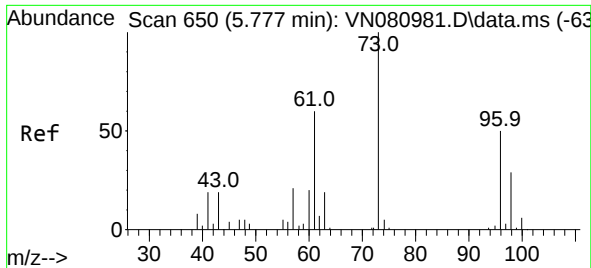
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#18
Methylene Chloride
Concen: 5.133 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

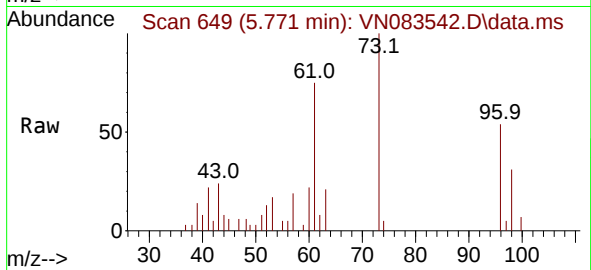
Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.4	86.0	129.0
51	40.8	30.0	45.0
86	55.6	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 4.869 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

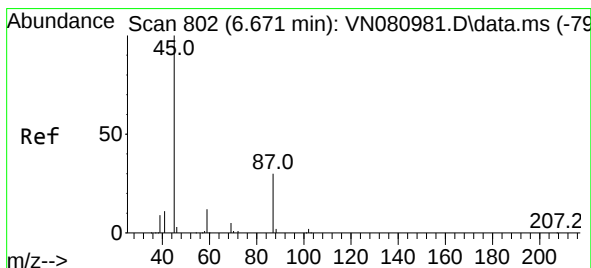
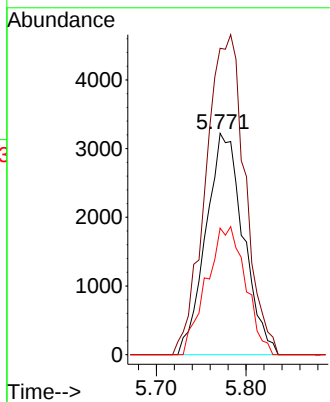
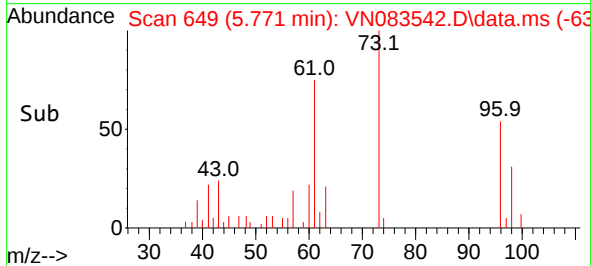
Instrument : MSVOA_N
Client SampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 96 Resp: 9350
Ion Ratio Lower Upper
96 100
61 138.5 111.8 167.6
98 57.2 49.2 73.8

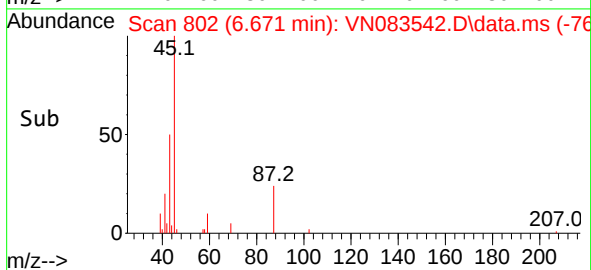
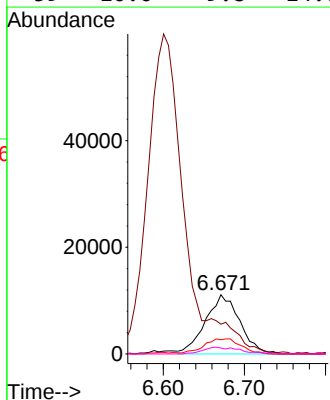
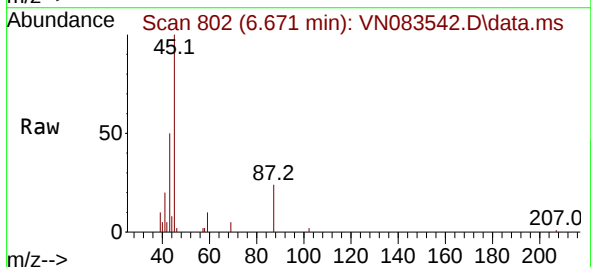
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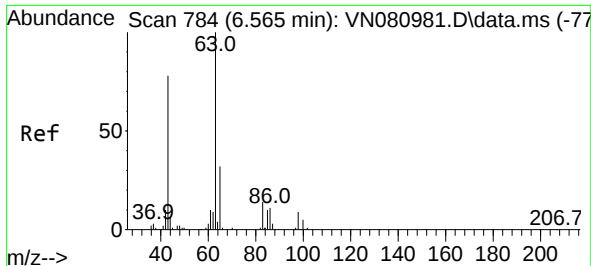
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#20
Diisopropyl ether
Concen: 4.865 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 45 Resp: 32540
Ion Ratio Lower Upper
45 100
43 48.0 40.4 60.6
87 24.2 23.8 35.8
59 10.0 9.8 14.6





#21

1,1-Dichloroethane

Concen: 5.101 ug/l

RT: 6.559 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

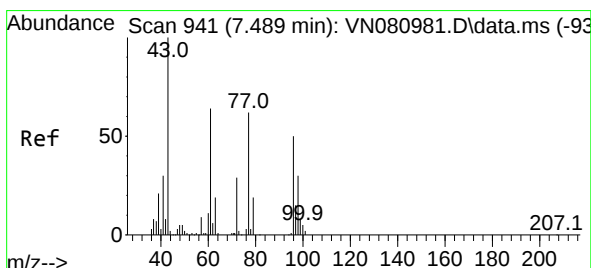
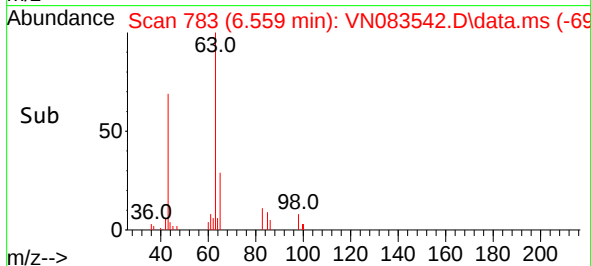
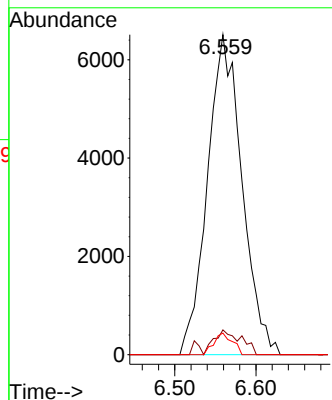
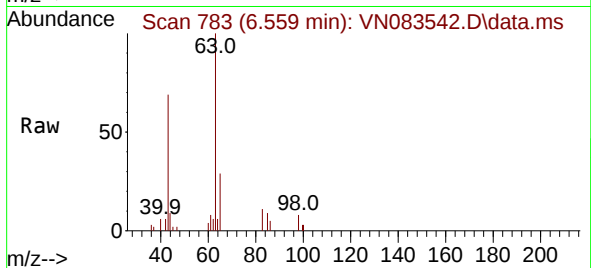
Tgt Ion:	63	Resp:	1926
Ion Ratio	Lower	Upper	
63	100		
98	7.8	4.1	12.3
100	6.8	3.0	9.0

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Supervised By :Mahesh Dadoda 08/29/2024



#22

cis-1,2-Dichloroethene

Concen: 4.673 ug/l

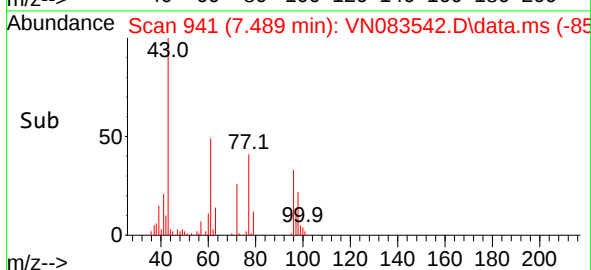
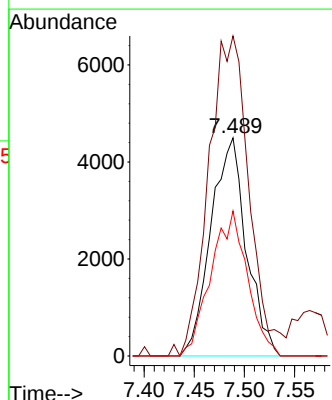
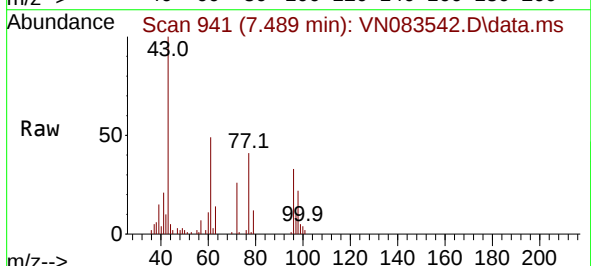
RT: 7.489 min Scan# 941

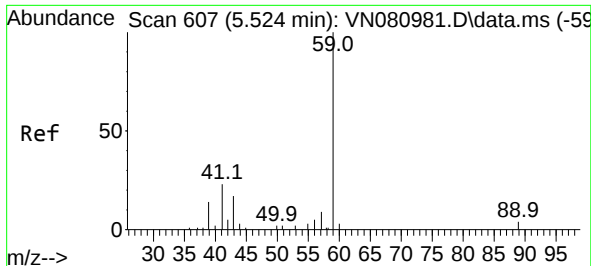
Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

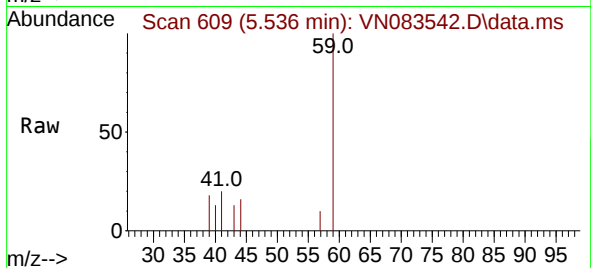
Tgt Ion:	96	Resp:	11100
Ion Ratio	Lower	Upper	
96	100		
61	85.6	113.5	170.3#
98	68.3	52.0	78.0





#23
tert-Butyl Alcohol
Concen: 27.632 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

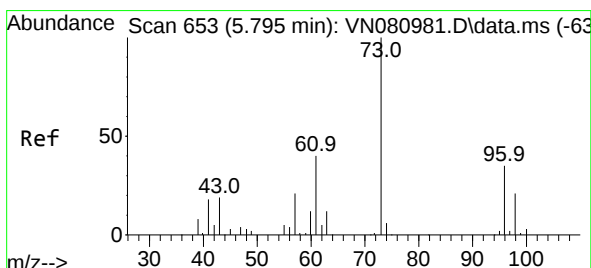
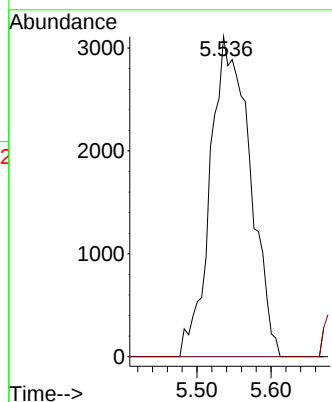
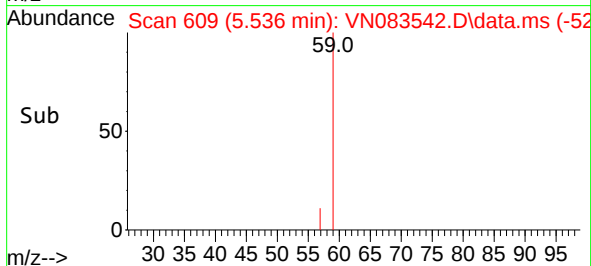
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 59 Resp: 1157
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

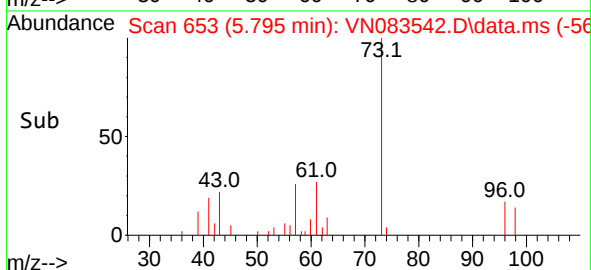
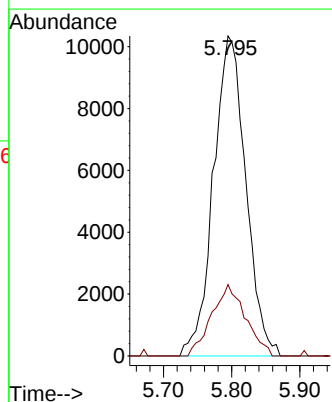
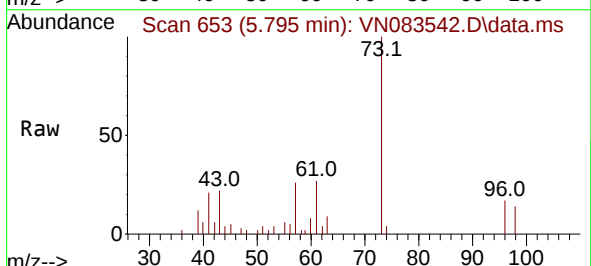
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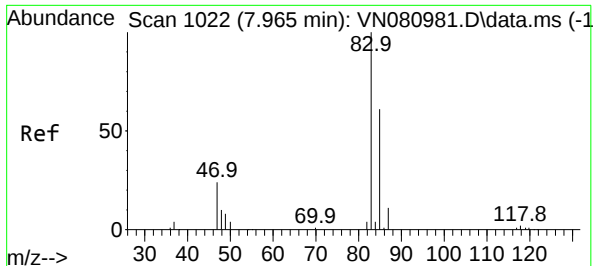
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#24
Methyl tert-Butyl Ether
Concen: 4.957 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 73 Resp: 34195
Ion Ratio Lower Upper
73 100
43 23.3 13.4 20.2#





#25

Chloroform

Concen: 4.961 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 83 Resp: 1986

Ion Ratio Lower Upper

83 100

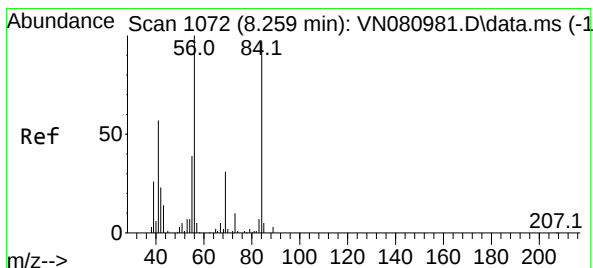
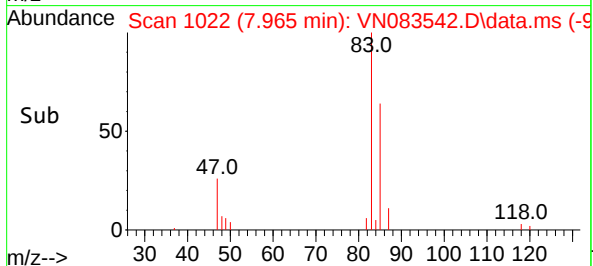
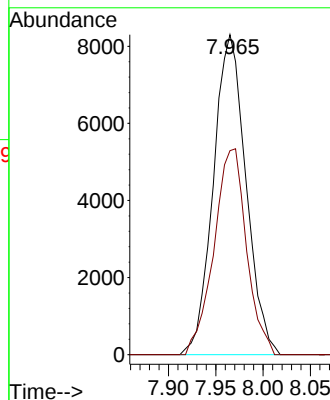
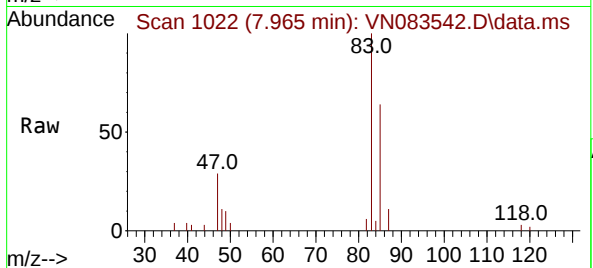
85 63.8 50.9 76.3

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#26

Cyclohexane

Concen: 4.786 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.012 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

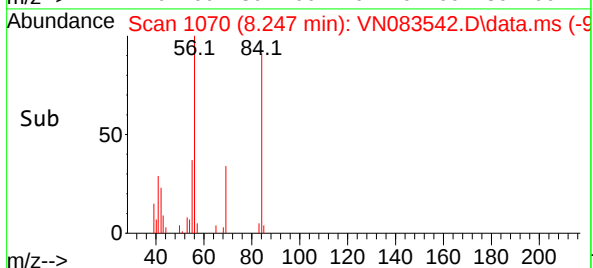
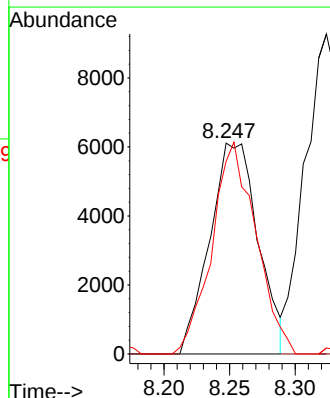
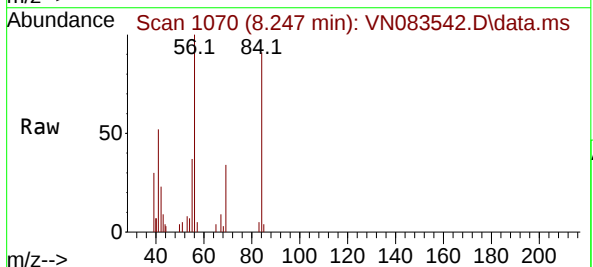
Tgt Ion: 56 Resp: 15712

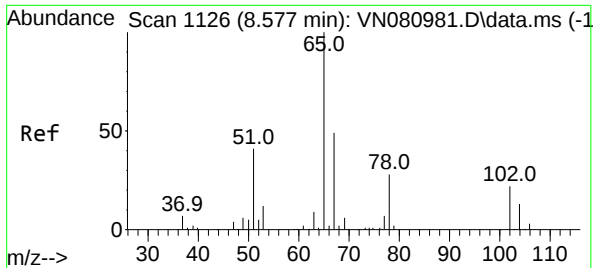
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9#

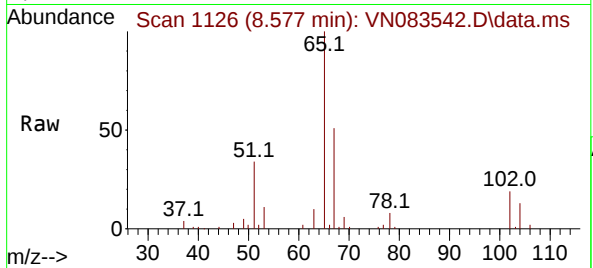
84 91.4 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.552 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

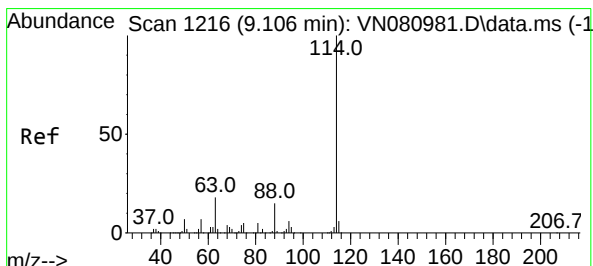
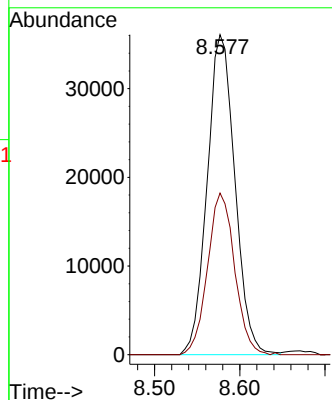
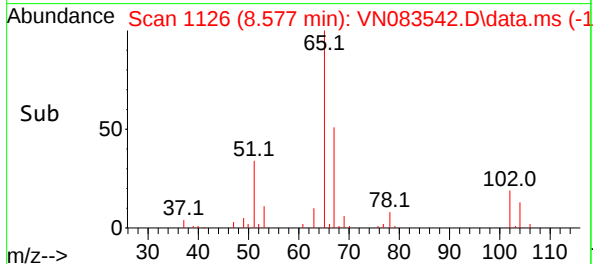
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 65 Resp: 81600
Ion Ratio Lower Upper
65 100
67 49.3 43.2 64.8

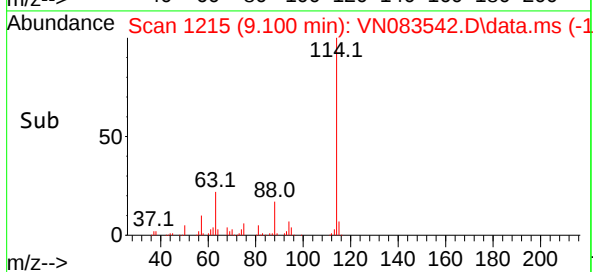
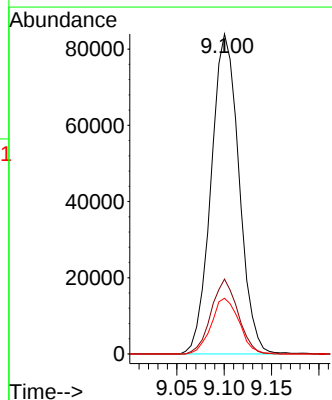
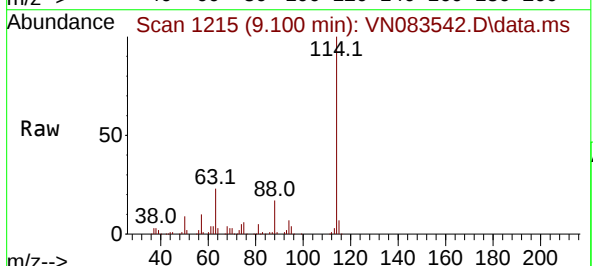
Manual Integrations
APPROVED

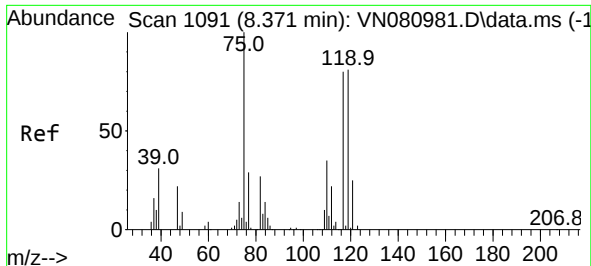
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion:114 Resp: 172289
Ion Ratio Lower Upper
114 100
63 22.4 15.9 23.9
88 17.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

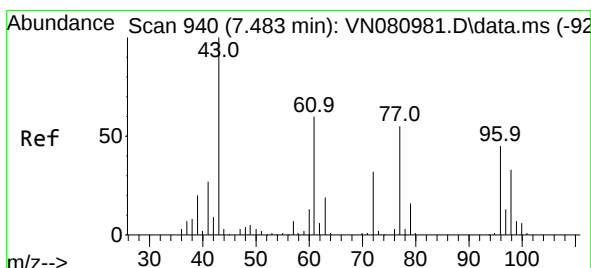
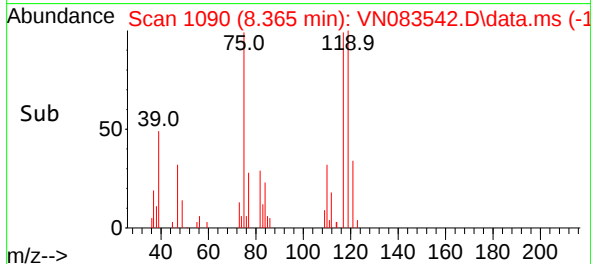
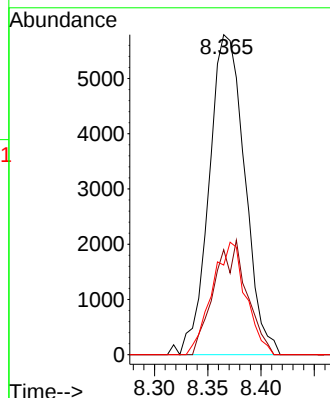
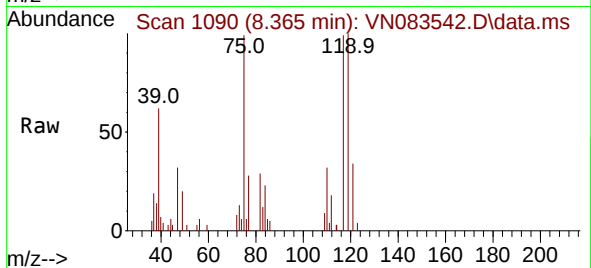
Tgt Ion: 75	Resp: 1344
Ion Ratio	Lower Upper
75 100	
110 18.1	0.0 70.2
77 33.4	0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#30

2-Butanone

Concen: 25.629 ug/l

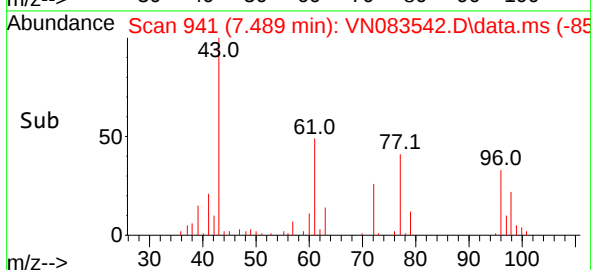
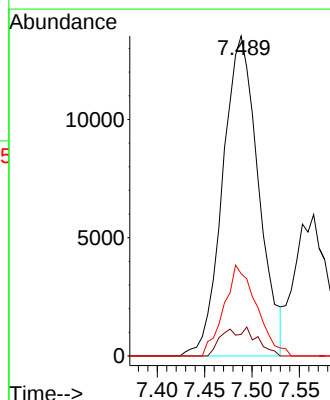
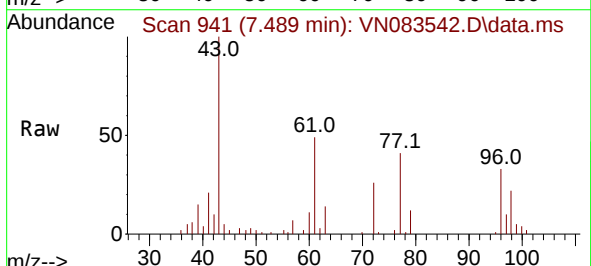
RT: 7.489 min Scan# 941

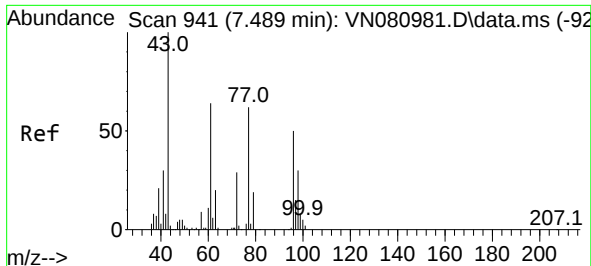
Delta R.T. 0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

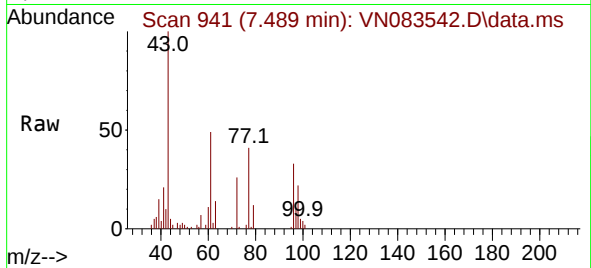
Tgt Ion: 43	Resp: 35539
Ion Ratio	Lower Upper
43 100	
57 4.5	6.7 10.1
72 25.9	24.0 36.0





#31
2,2-Dichloropropane
Concen: 4.373 ug/l m
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

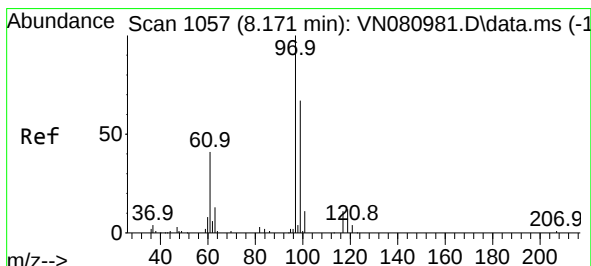
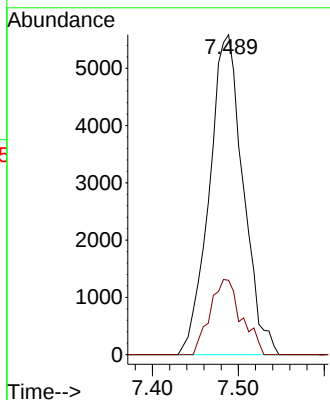
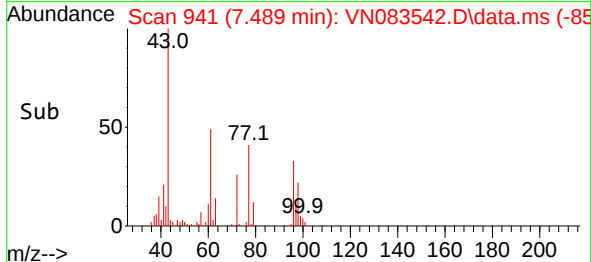
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



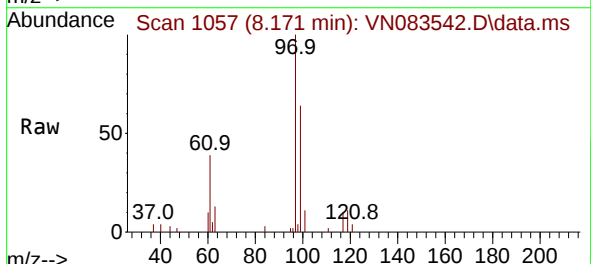
Tgt Ion: 77 Resp: 1532
Ion Ratio Lower Upper
77 100
97 21.7 18.3 27.5

Manual Integrations
APPROVED

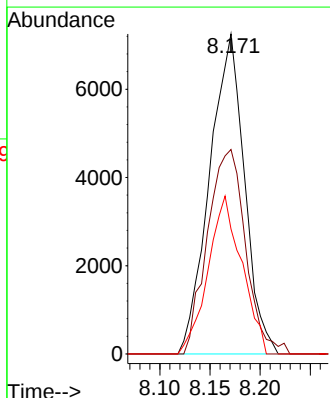
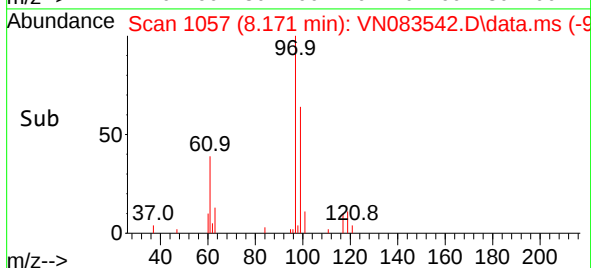
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

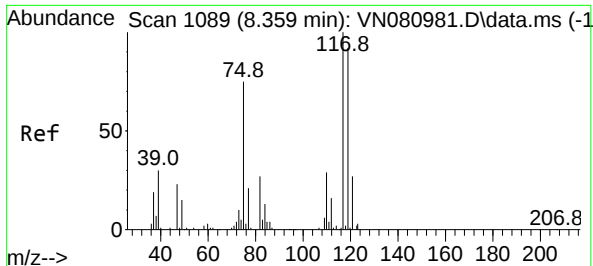


#32
1,1,1-Trichloroethane
Concen: 4.858 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



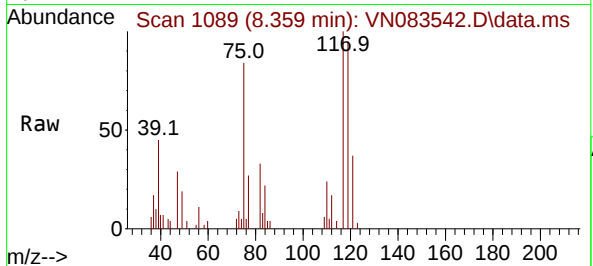
Tgt Ion: 97 Resp: 17549
Ion Ratio Lower Upper
97 100
99 69.9 51.0 76.4
61 47.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

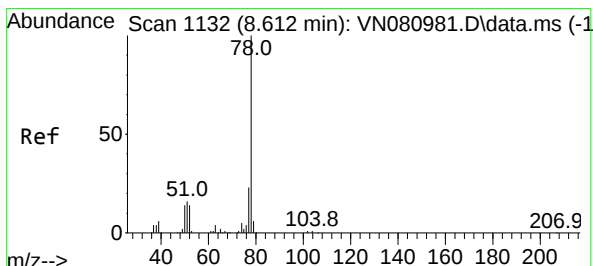
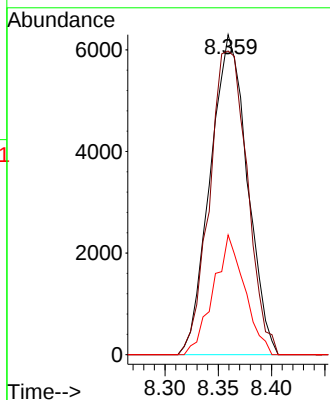
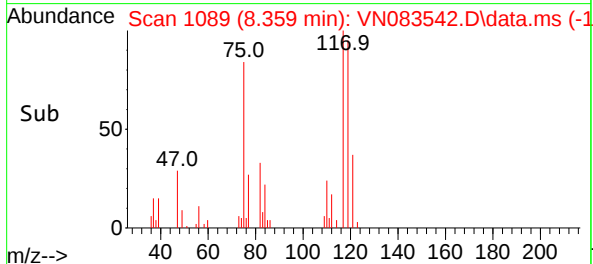
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



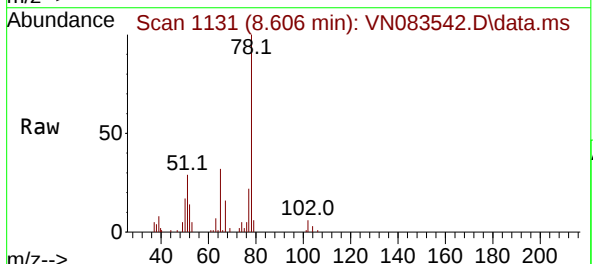
Tgt Ion: 117 Resp: 1524
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5
121 37.4 27.0 40.6

Manual Integrations
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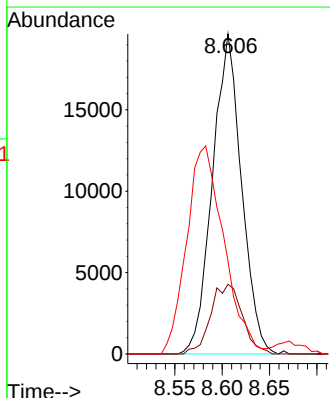
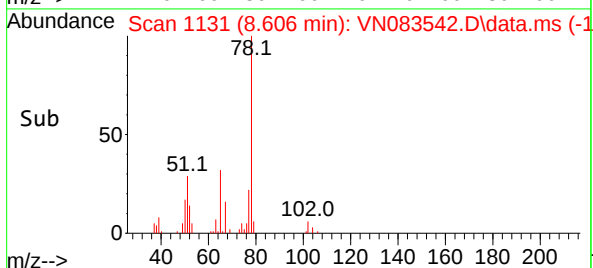
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#34
Benzene
Concen: 5.112 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



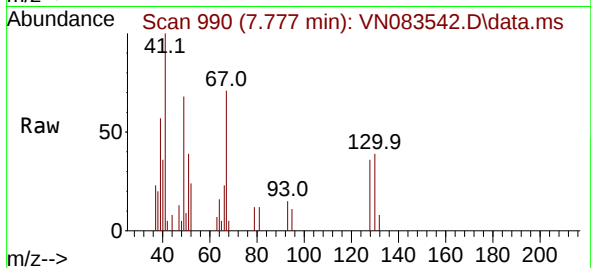
Tgt Ion: 78 Resp: 41926
Ion Ratio Lower Upper
78 100
77 21.8 19.2 28.8
51 26.0 13.3 19.9#





#35
Methacrylonitrile
Concen: 5.080 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

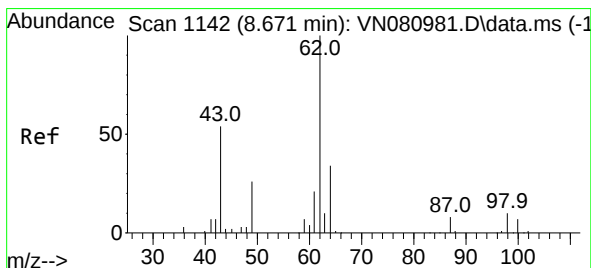
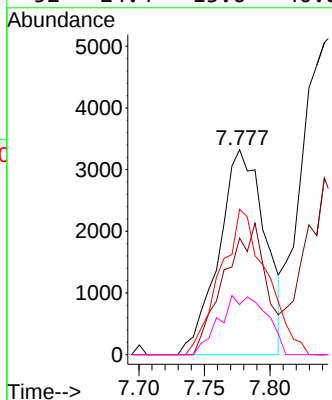
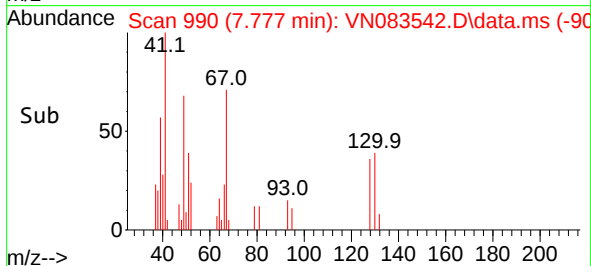
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 41 Resp: 8150
Ion Ratio Lower Upper
41 100
39 56.9 25.3 75.9
67 71.0 38.7 116.1
52 24.4 13.6 40.8

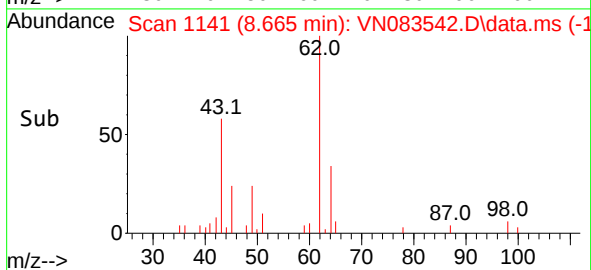
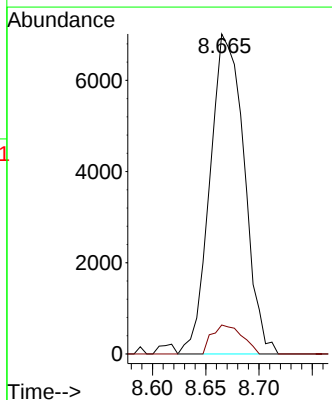
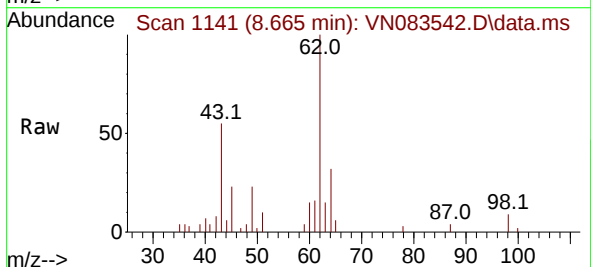
Manual Integrations
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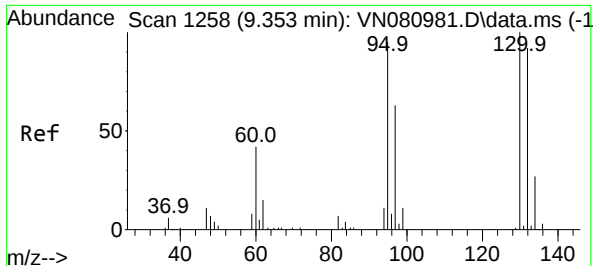
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#36
1,2-Dichloroethane
Concen: 5.116 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 62 Resp: 15647
Ion Ratio Lower Upper
62 100
98 8.0 8.2 12.4#





#37

Trichloroethene

Concen: 4.998 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:130 Resp: 9714

Ion Ratio Lower Upper

130 100

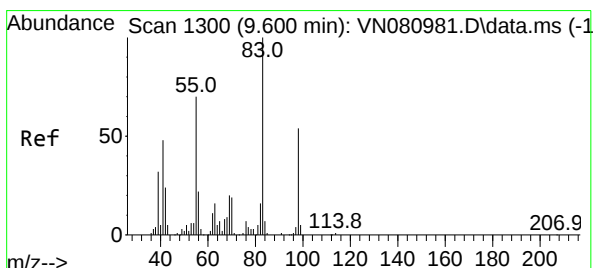
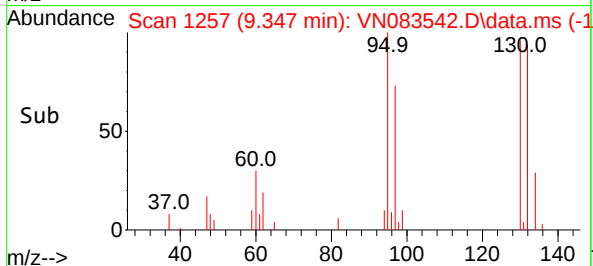
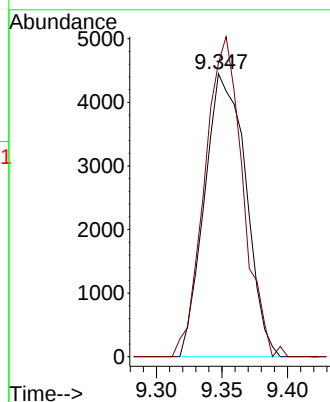
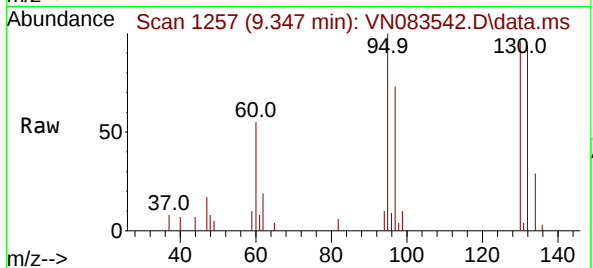
95 100.2 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#38

Methylcyclohexane

Concen: 4.697 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

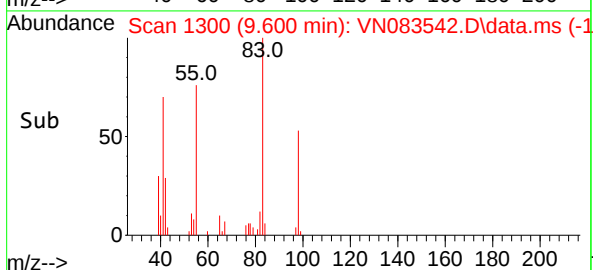
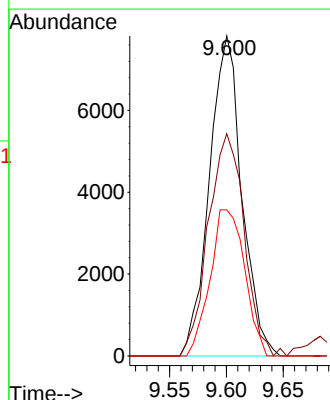
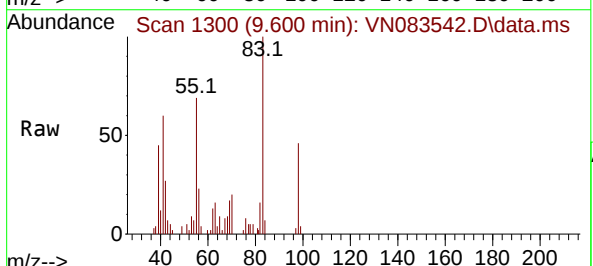
Tgt Ion: 83 Resp: 15570

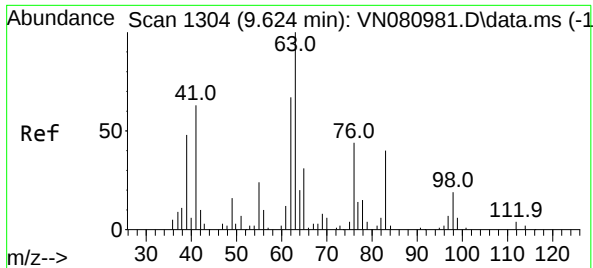
Ion Ratio Lower Upper

83 100

55 76.1 36.6 109.9

98 48.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 4.895 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 63 Resp: 976

Ion Ratio Lower Upper

63 100

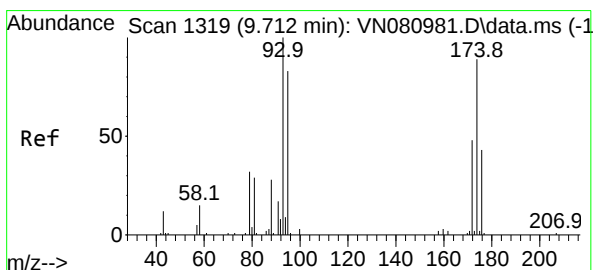
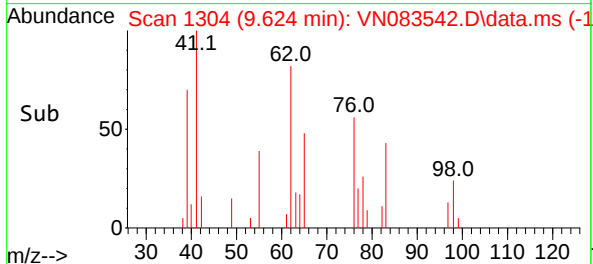
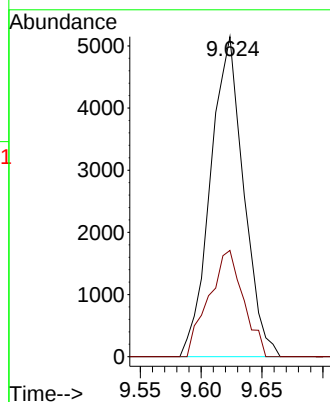
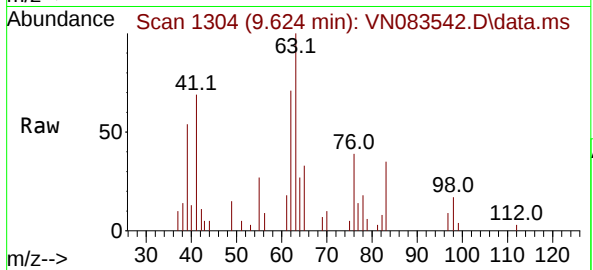
65 33.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#40

Dibromomethane

Concen: 5.325 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

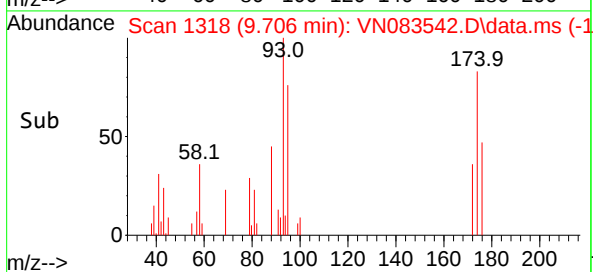
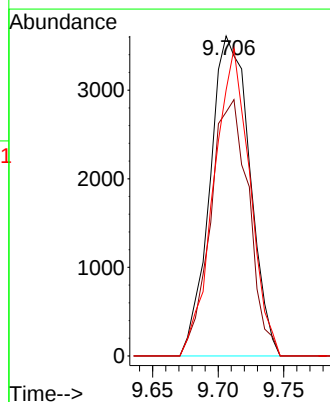
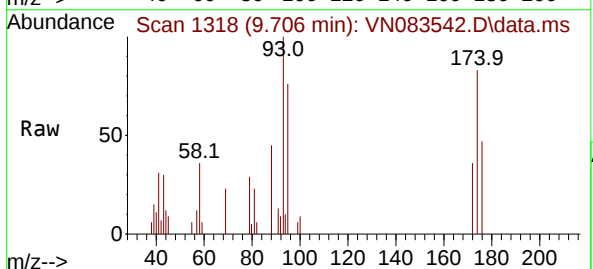
Tgt Ion: 93 Resp: 7622

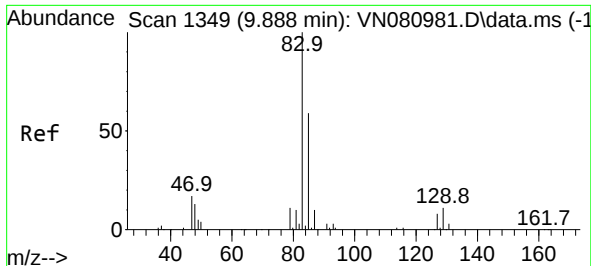
Ion Ratio Lower Upper

93 100

95 77.2 0.0 164.6

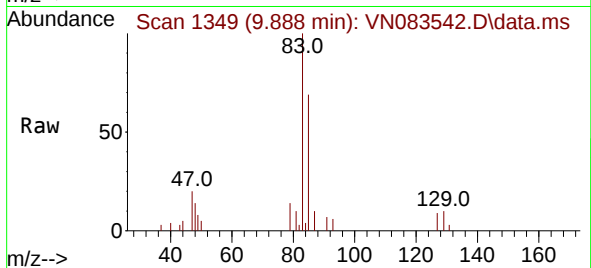
174 87.1 0.0 193.2





#41
Bromodichloromethane
Concen: 4.921 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

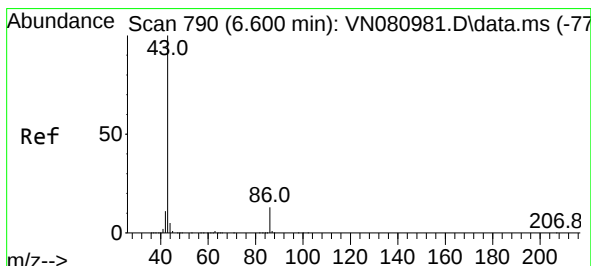
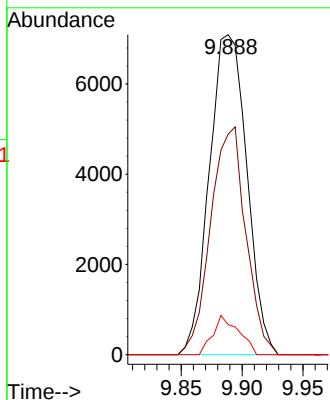
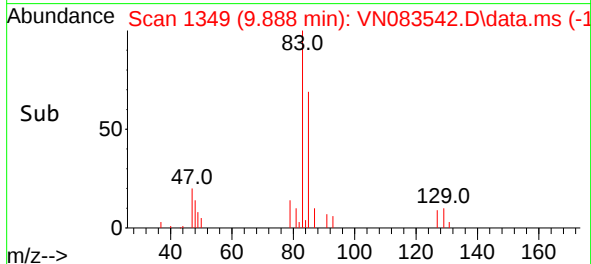
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 83 Resp: 1522
Ion Ratio Lower Upper
83 100
85 68.9 49.4 74.2
127 9.4 7.3 10.9

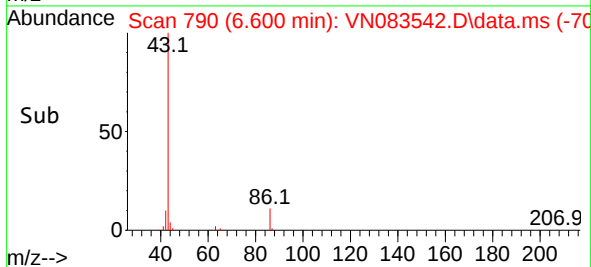
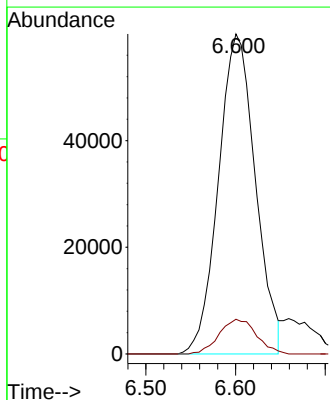
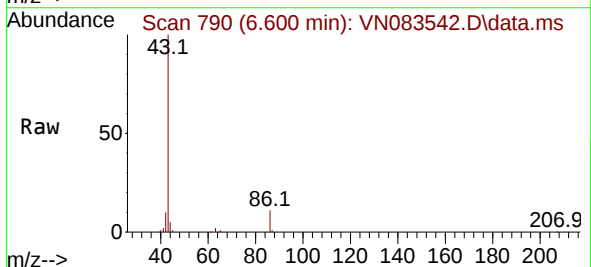
Manual Integrations
APPROVED

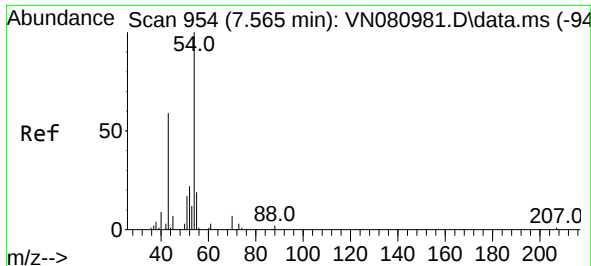
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#42
Vinyl Acetate
Concen: 25.200 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

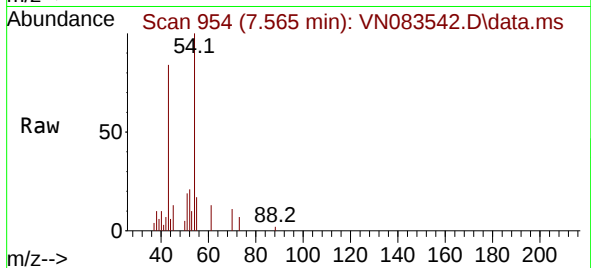
Tgt Ion: 43 Resp: 171482
Ion Ratio Lower Upper
43 100
86 11.0 9.4 14.2





#43
Ethyl Acetate
Concen: 5.716 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

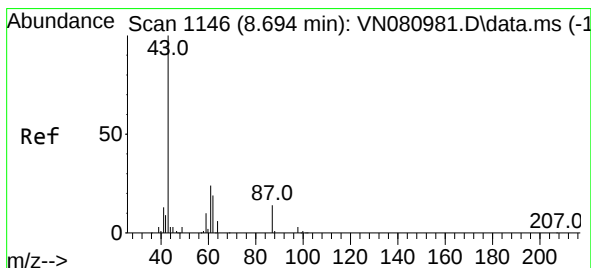
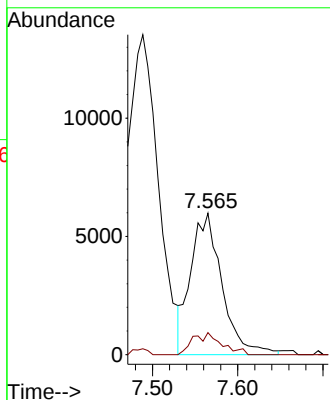
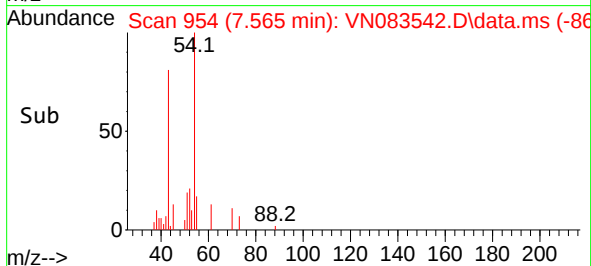
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



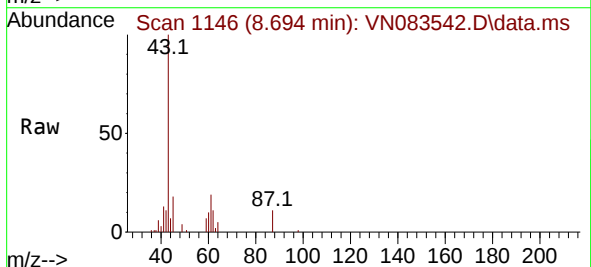
Tgt Ion: 43 Resp: 15224
Ion Ratio Lower Upper
43 100
45 7.1 10.6 15.8

Manual Integrations
APPROVED

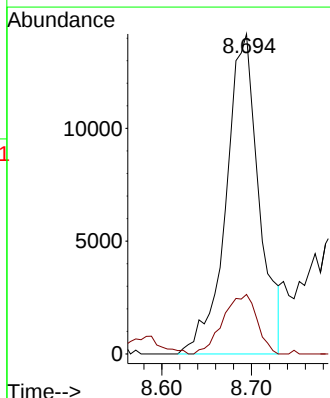
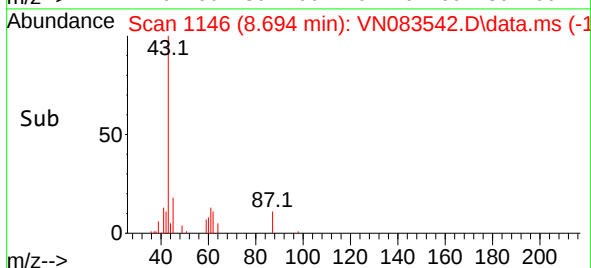
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

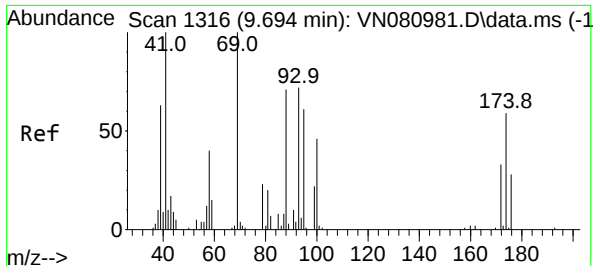


#44
Isopropyl Acetate
Concen: 5.760 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



Tgt Ion: 43 Resp: 36245
Ion Ratio Lower Upper
43 100
61 19.1 25.0 37.4





#45

1,4-Dioxane

Concen: 101.172 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

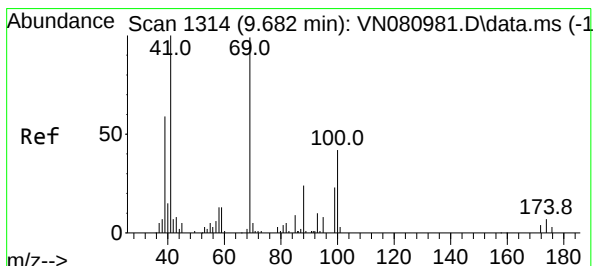
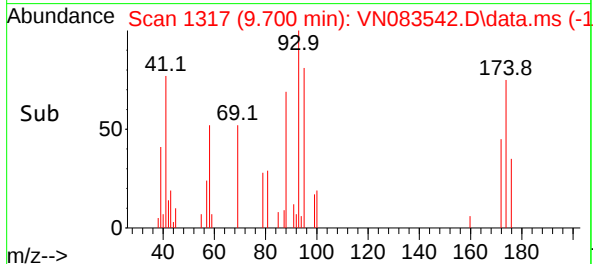
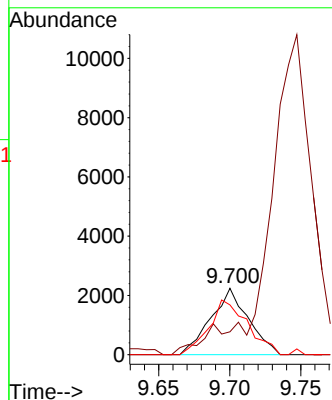
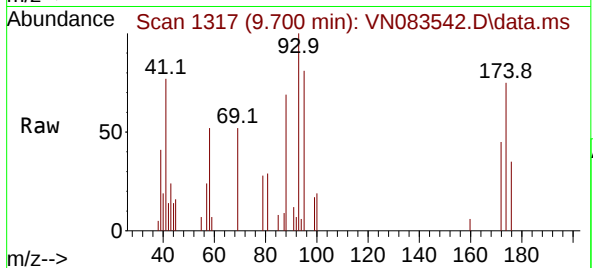
Tgt Ion: 88	Resp: 4128
Ion Ratio	Lower Upper
88	100
43	21.6 19.8 29.6
58	84.7 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#46

Methyl methacrylate

Concen: 5.387 ug/l

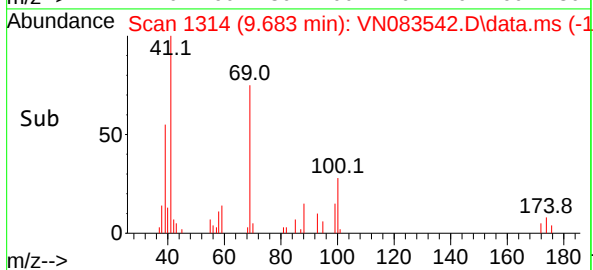
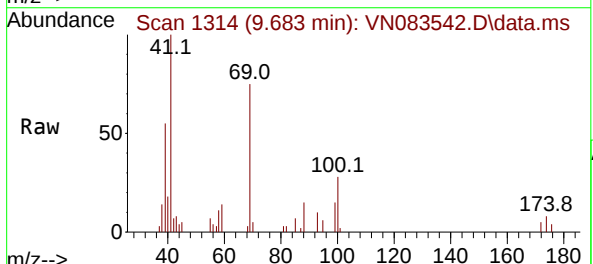
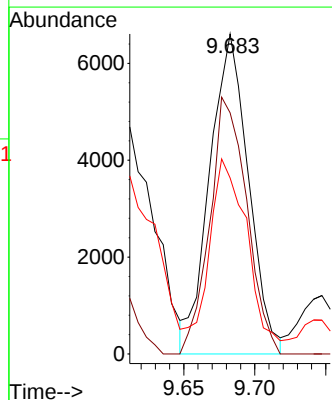
RT: 9.683 min Scan# 1314

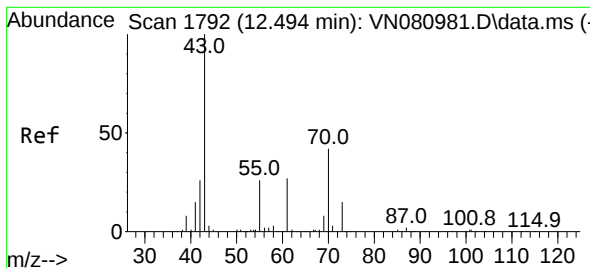
Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Tgt Ion: 41	Resp: 12525
Ion Ratio	Lower Upper
41	100
69	79.4 51.1 153.3
39	53.6 25.8 77.3





#47

n-amyl acetate

Concen: 5.097 ug/l

RT: 12.494 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 43 Resp: 2207

Ion Ratio Lower Upper

43 100

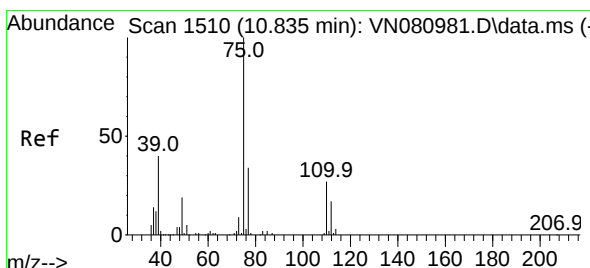
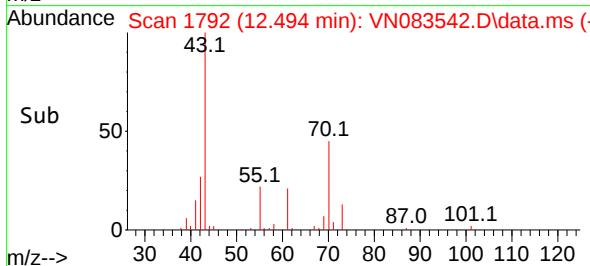
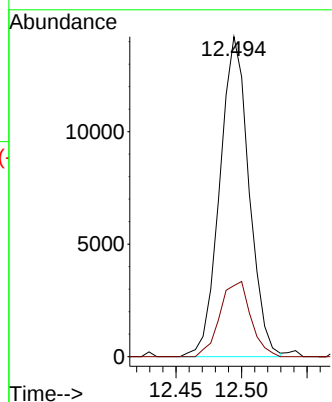
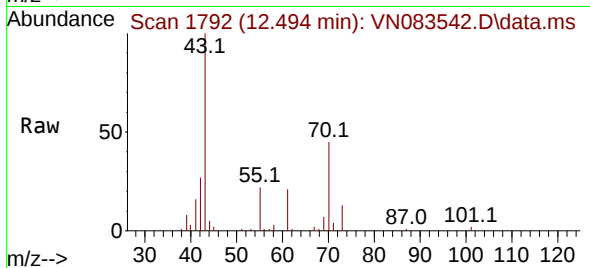
55 24.7 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#48

t-1,3-Dichloropropene

Concen: 4.692 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN083542.D

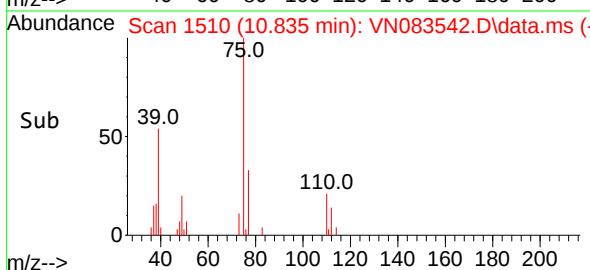
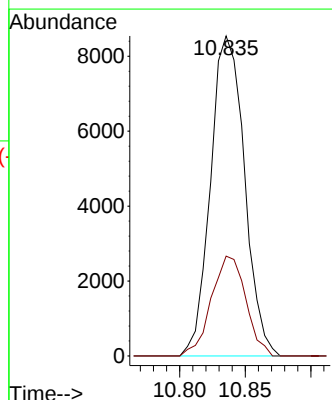
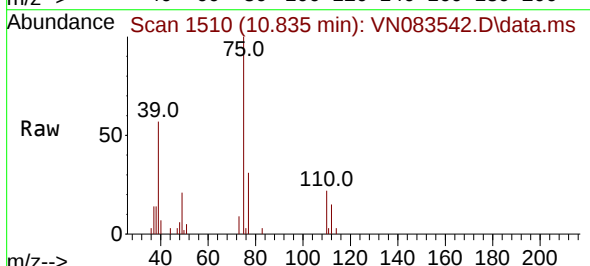
Acq: 28 Aug 2024 17:44

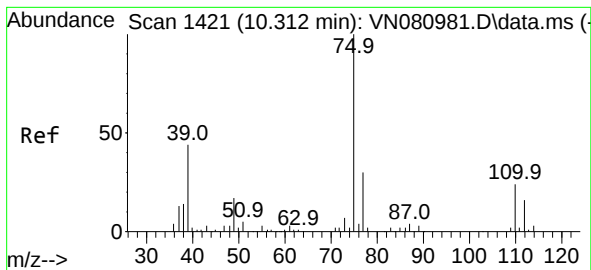
Tgt Ion: 75 Resp: 15393

Ion Ratio Lower Upper

75 100

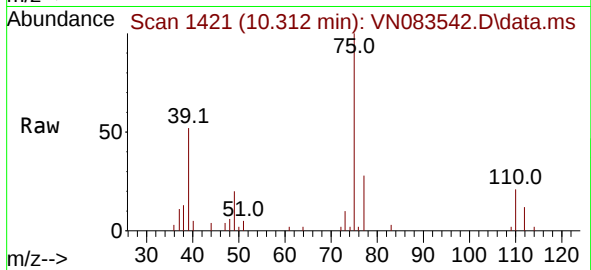
77 31.2 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 4.842 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

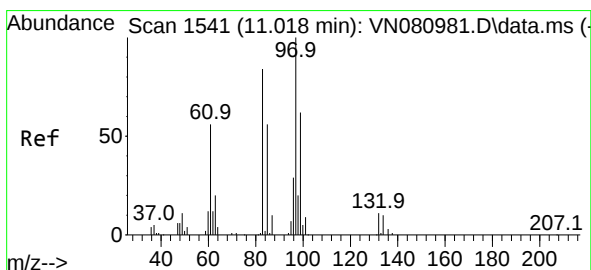
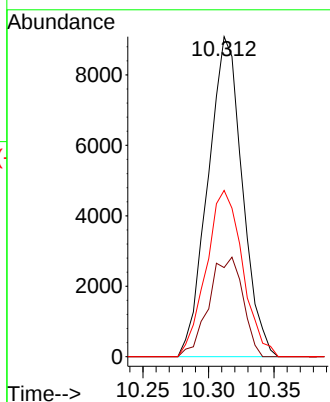
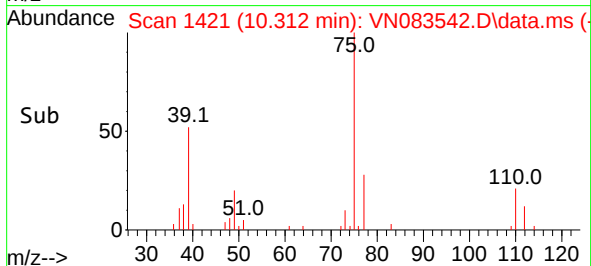
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 75 Resp: 1656
Ion Ratio Lower Upper
75 100
77 27.8 24.9 37.3
39 52.0 31.0 46.6

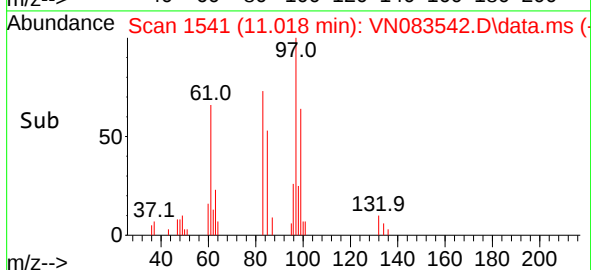
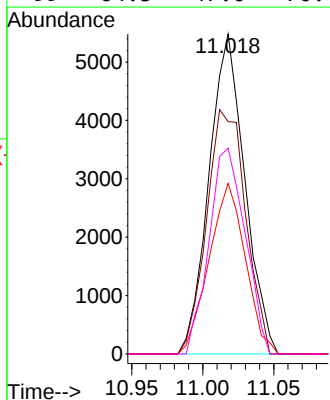
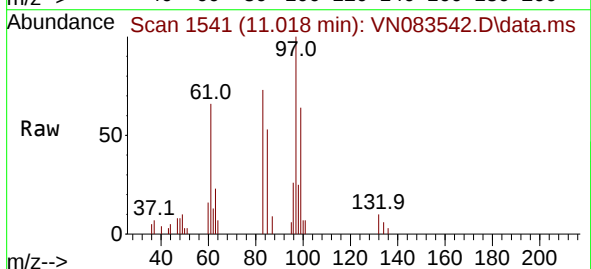
Manual Integrations
APPROVED

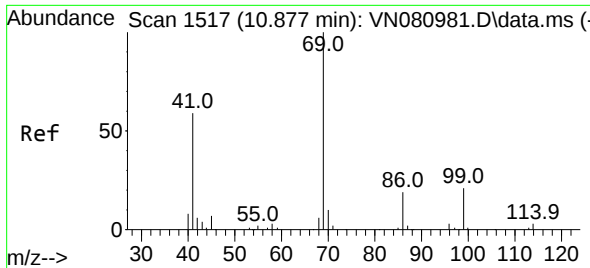
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#50
1,1,2-Trichloroethane
Concen: 5.014 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

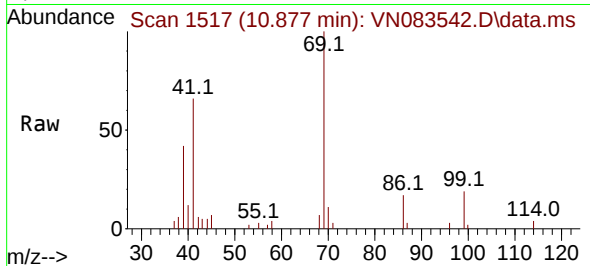
Tgt Ion: 97 Resp: 9619
Ion Ratio Lower Upper
97 100
83 72.6 68.1 102.1
85 53.3 41.8 62.6
99 64.3 47.0 70.4





#51
Ethyl methacrylate
Concen: 4.919 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

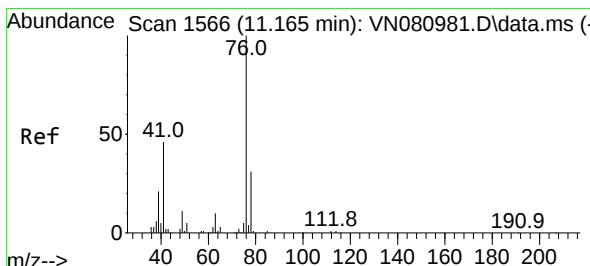
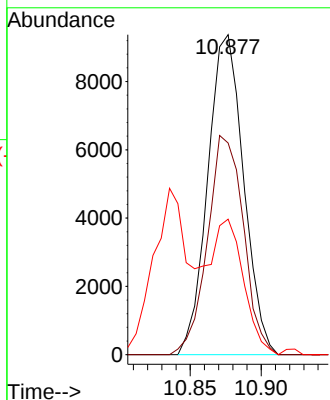
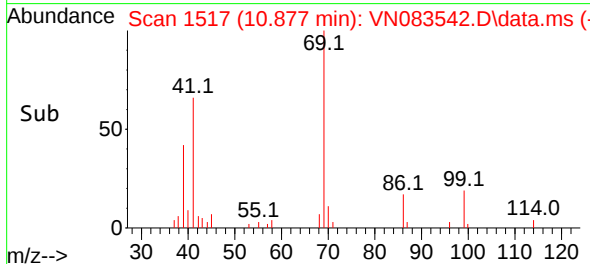
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 69 Resp: 16458
Ion Ratio Lower Upper
69 100
41 66.2 25.5 76.5
39 42.3 16.0 47.9

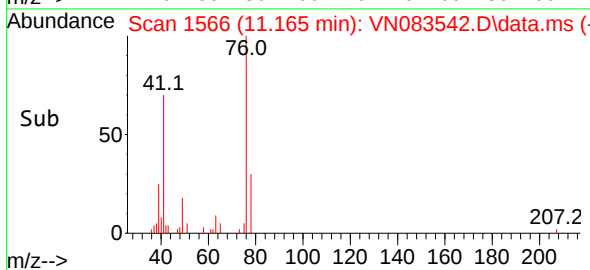
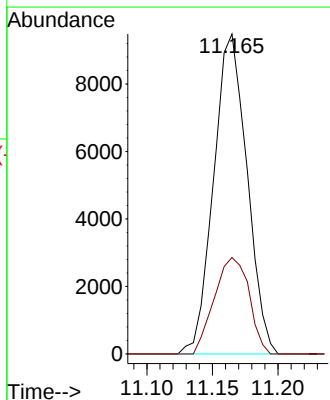
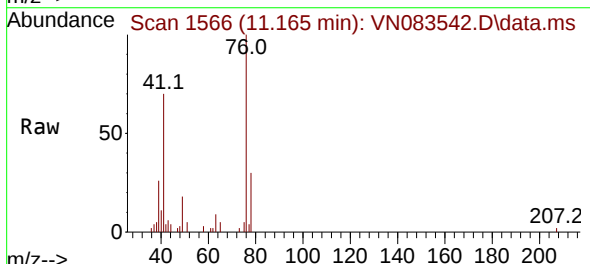
Manual Integrations
APPROVED

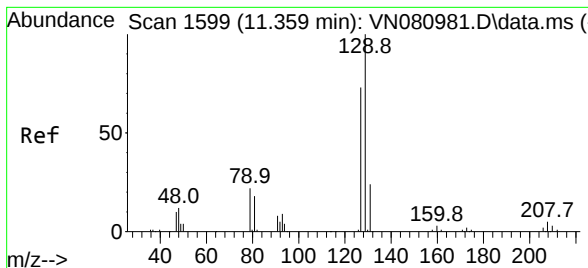
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#52
1,3-Dichloropropane
Concen: 5.005 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

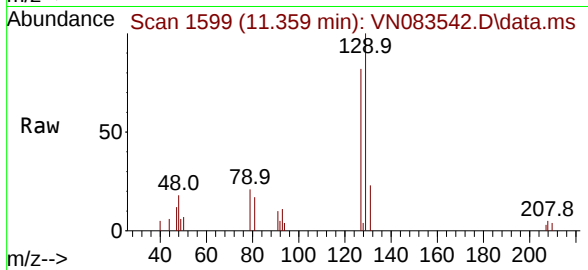
Tgt Ion: 76 Resp: 16767
Ion Ratio Lower Upper
76 100
78 31.3 0.0 65.8





#53
Dibromochloromethane
Concen: 4.766 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

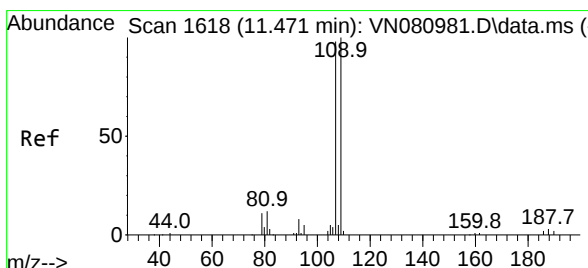
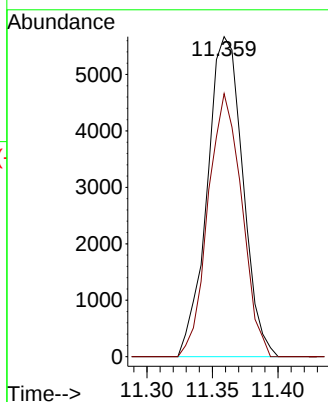
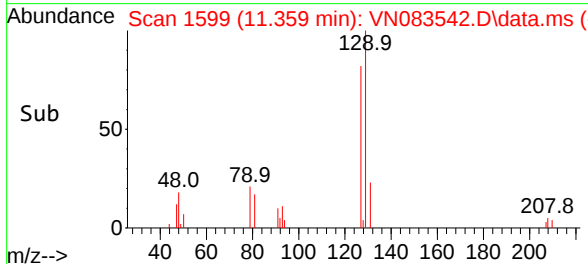
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024



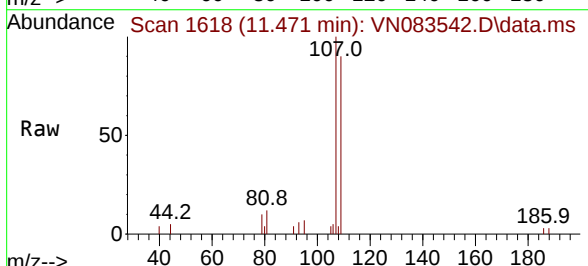
Tgt Ion:129 Resp: 10712
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1

Manual Integrations
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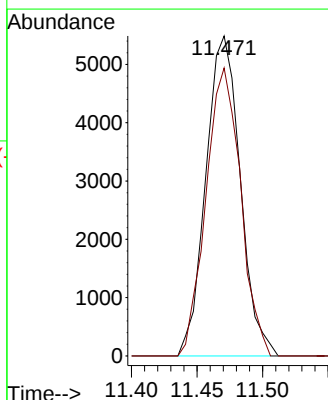
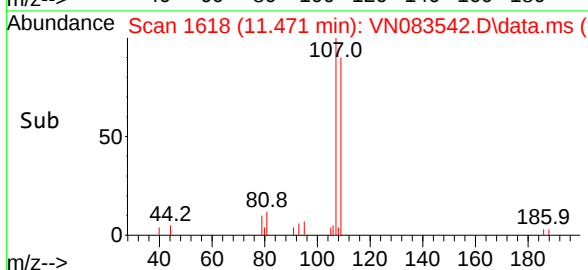
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

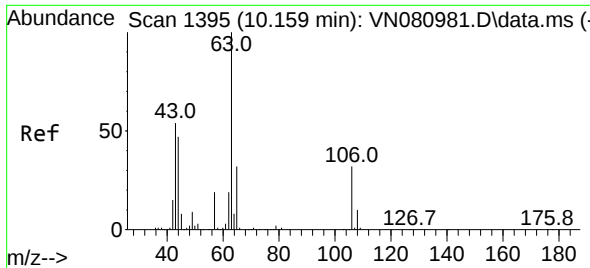


#54
1,2-Dibromoethane
Concen: 5.098 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



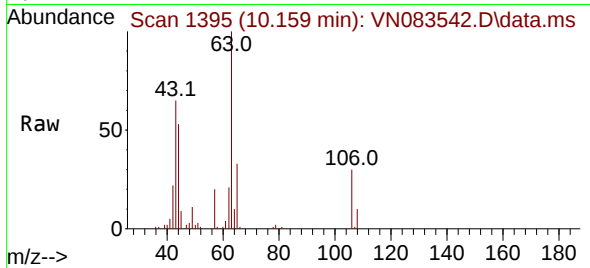
Tgt Ion:107 Resp: 10021
Ion Ratio Lower Upper
107 100
109 90.5 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 25.974 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

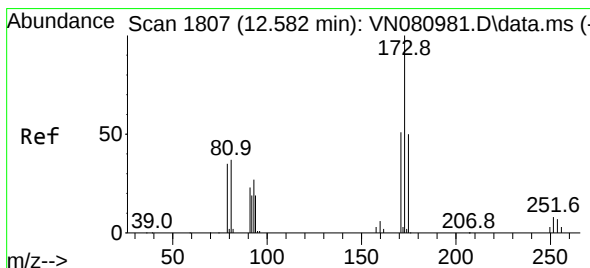
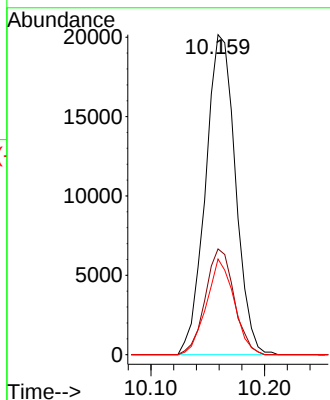
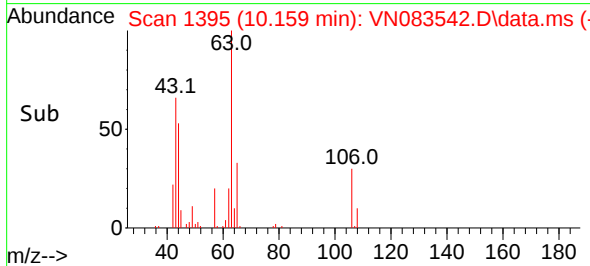
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 63 Resp: 3699
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 27.6 23.8 35.8

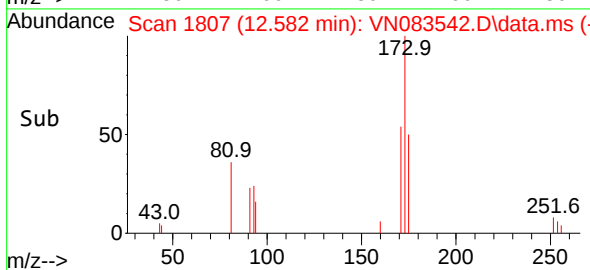
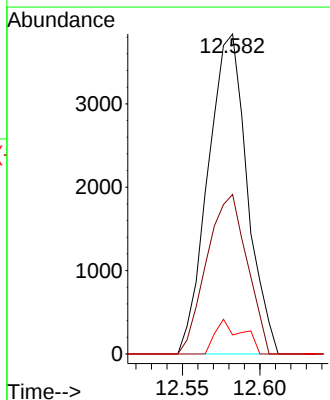
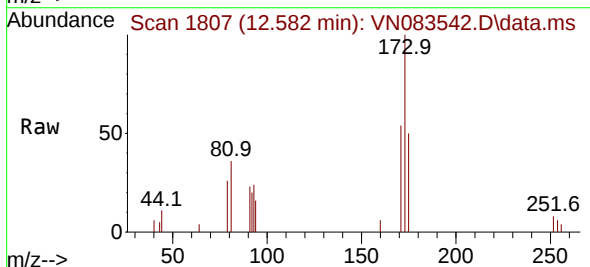
Manual Integrations
APPROVED

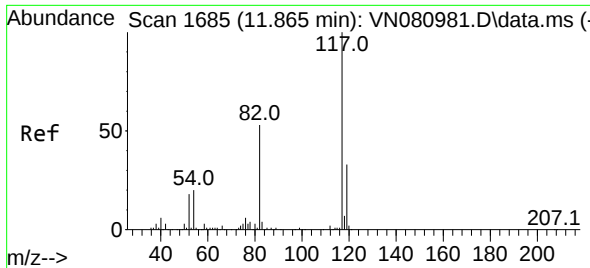
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#56
Bromoform
Concen: 4.590 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

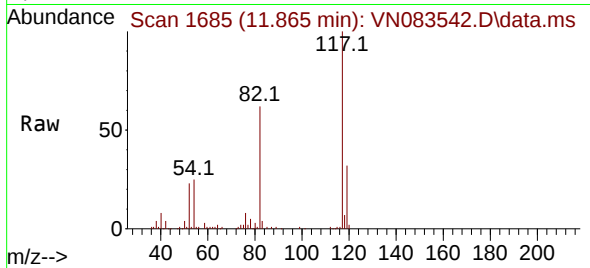
Tgt Ion:173 Resp: 6736
Ion Ratio Lower Upper
173 100
175 51.4 40.0 60.0
254 4.7 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

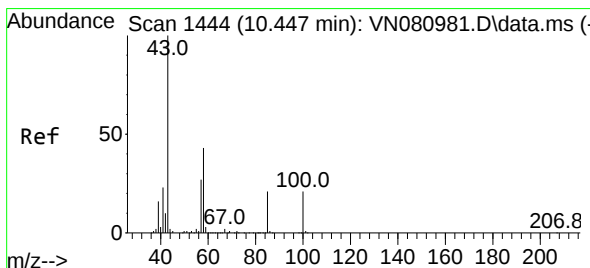
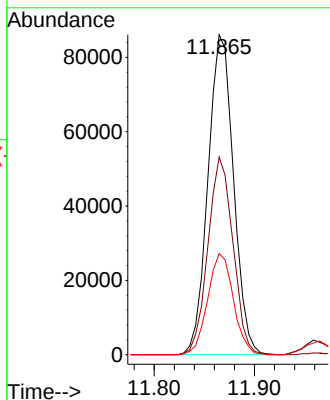
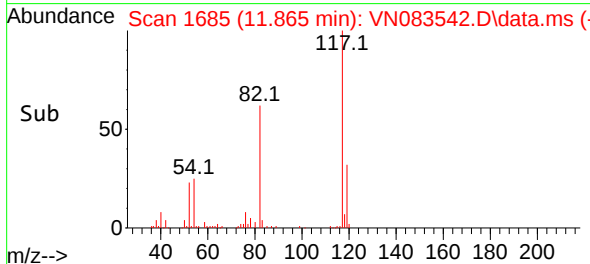
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:117 Resp: 152164
Ion Ratio Lower Upper
117 100
82 60.5 46.6 69.8
119 31.7 25.4 38.2

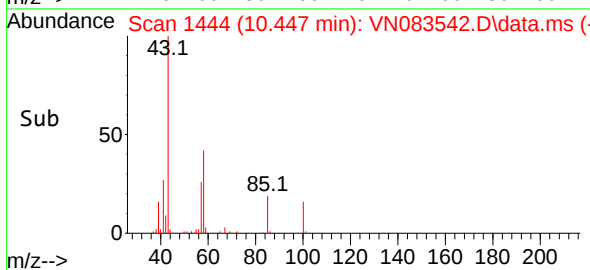
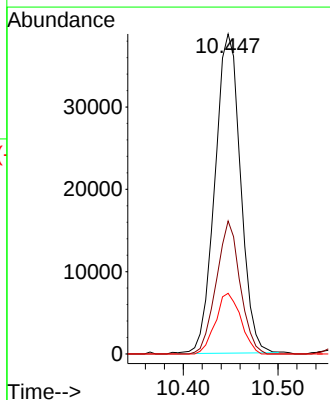
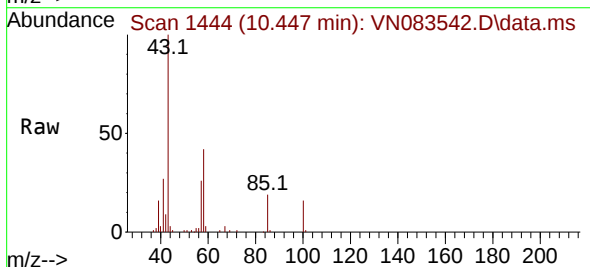
Manual Integrations
APPROVED

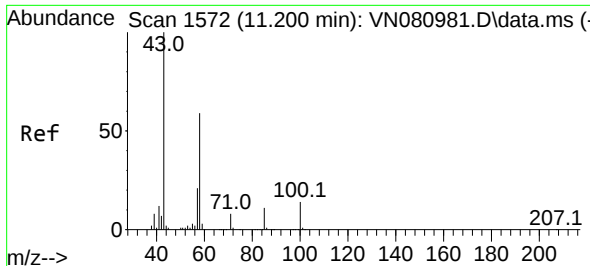
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#58
4-Methyl-2-Pentanone
Concen: 27.013 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

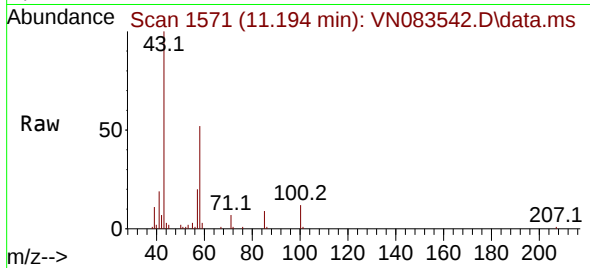
Tgt Ion: 43 Resp: 72901
Ion Ratio Lower Upper
43 100
58 38.7 36.5 54.7
85 18.7 19.5 29.3





#59
2-Hexanone
Concen: 26.873 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

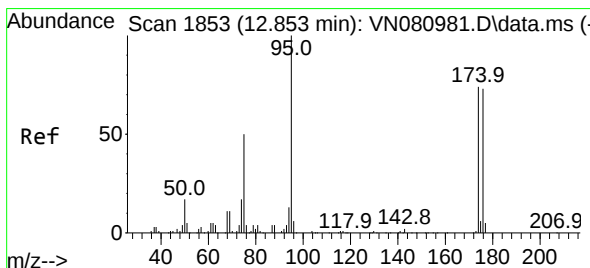
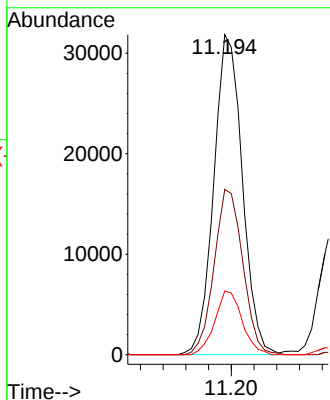
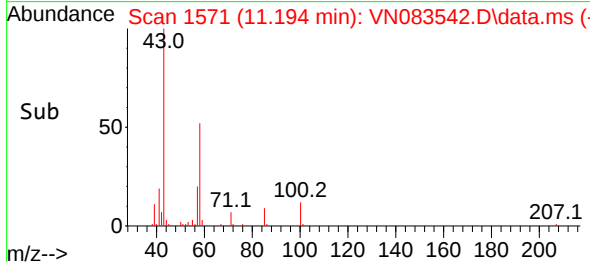
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024



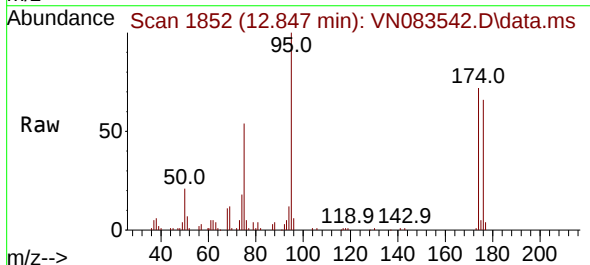
Tgt Ion: 43 Resp: 5561
Ion Ratio Lower Upper
43 100
58 51.9 50.4 75.6
57 19.0 18.6 27.8

Manual Integrations
APPROVED

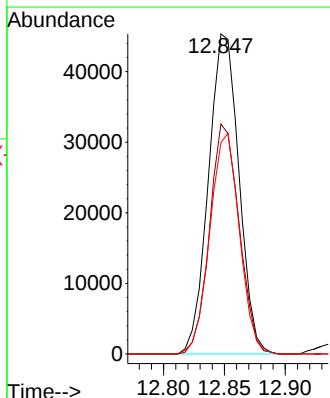
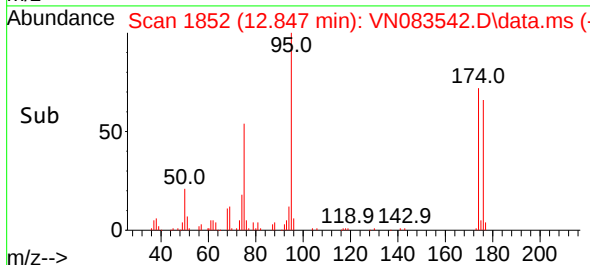
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

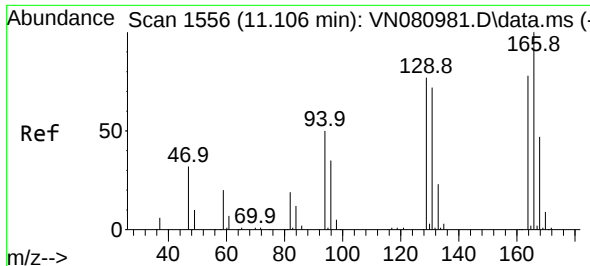


#60
4-Bromofluorobenzene
Concen: 29.298 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



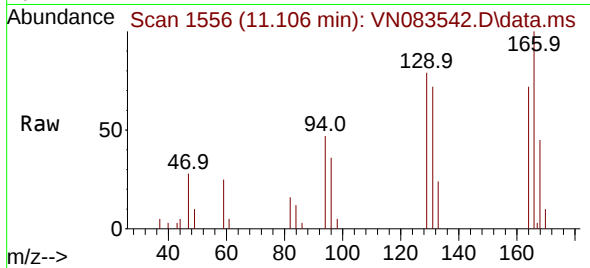
Tgt Ion: 95 Resp: 78926
Ion Ratio Lower Upper
95 100
174 69.6 60.5 90.7
176 67.0 57.8 86.6





#61
Tetrachloroethene
Concen: 4.759 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

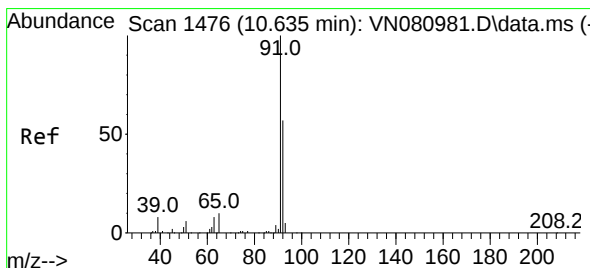
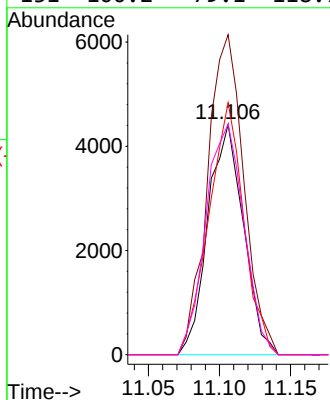
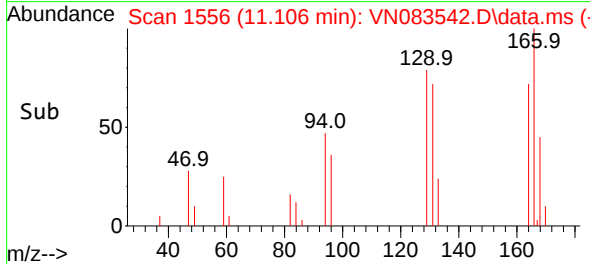
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



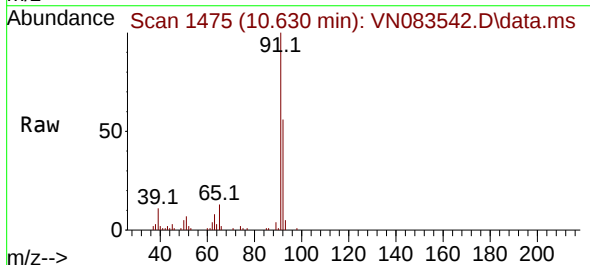
Tgt Ion:164 Resp: 769
Ion Ratio Lower Upper
164 100
166 139.0 106.7 160.1
129 109.5 85.8 128.6
131 100.2 79.1 118.7

Manual Integrations
APPROVED

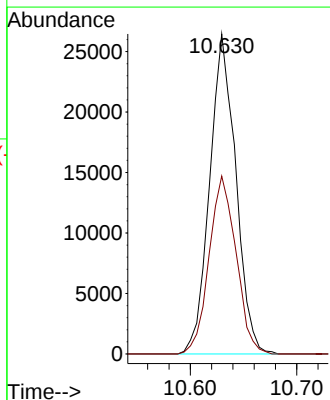
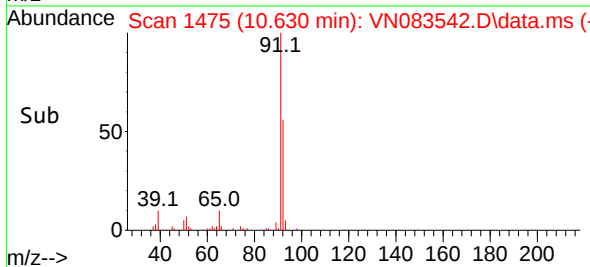
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

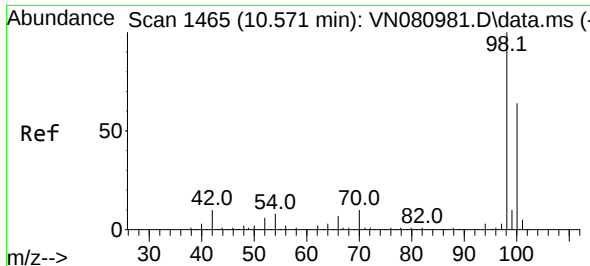


#62
Toluene
Concen: 5.124 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



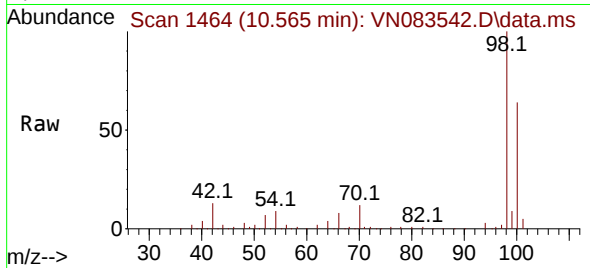
Tgt Ion: 91 Resp: 45100
Ion Ratio Lower Upper
91 100
92 57.3 46.5 69.7





#63
Toluene-d8
Concen: 30.129 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

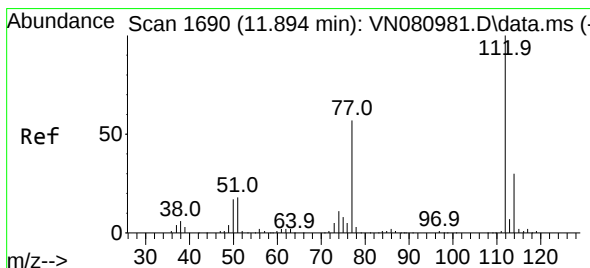
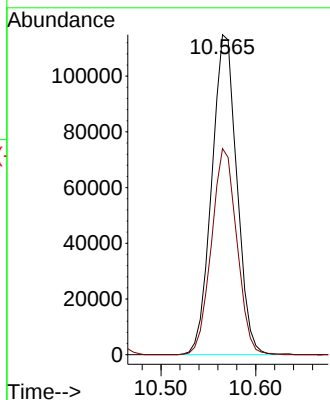
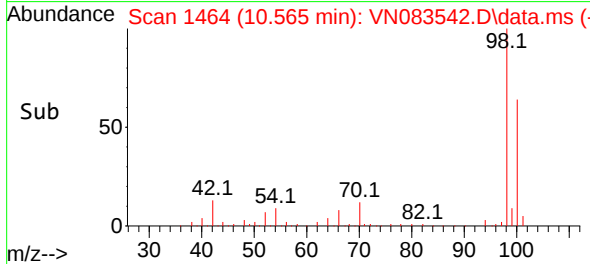
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 98 Resp: 211648
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

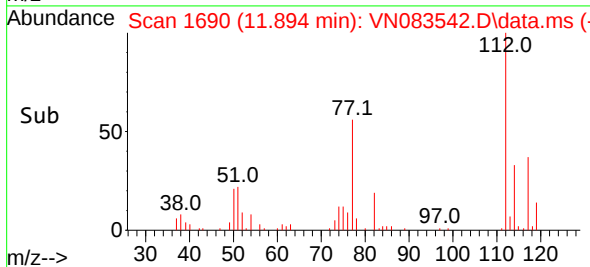
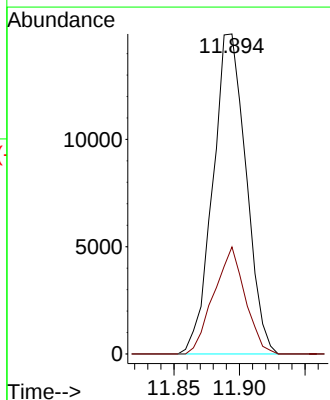
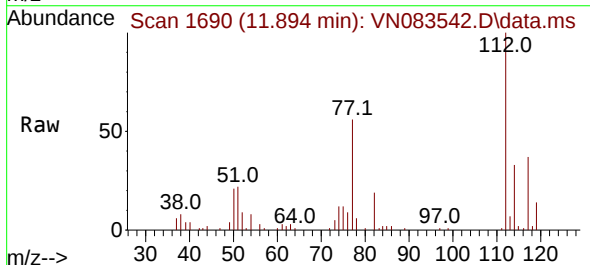
Manual Integrations
APPROVED

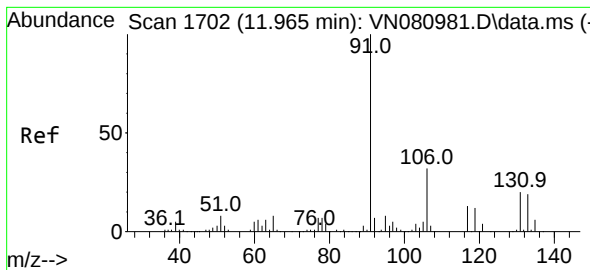
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#64
Chlorobenzene
Concen: 4.816 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion:112 Resp: 26262
Ion Ratio Lower Upper
112 100
114 33.4 26.6 39.8





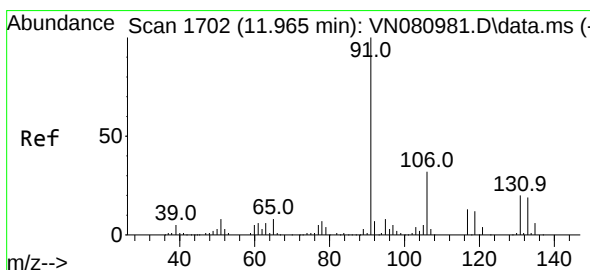
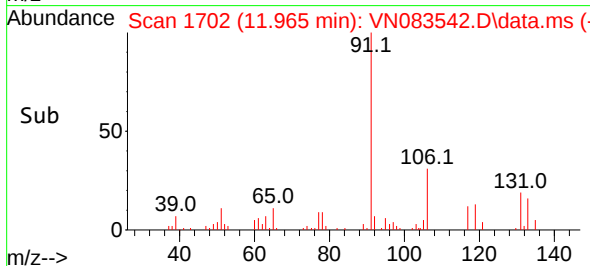
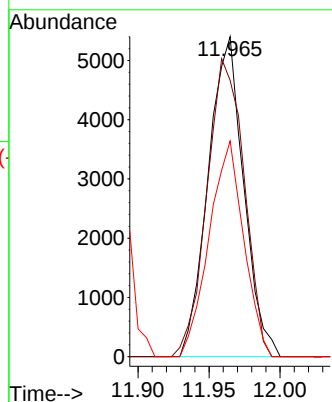
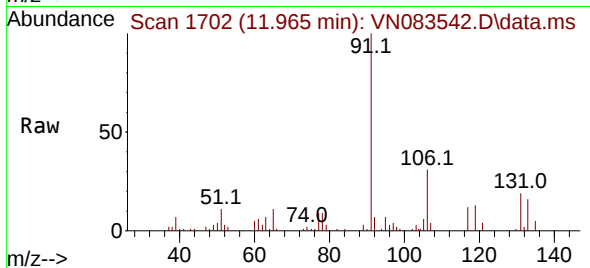
#65
1,1,1,2-Tetrachloroethane
Concen: 4.831 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion:131 Resp: 9375
Ion Ratio Lower Upper
131 100
133 97.8 0.0 188.0
119 65.9 0.0 122.8

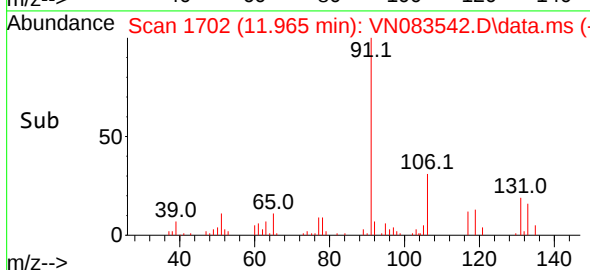
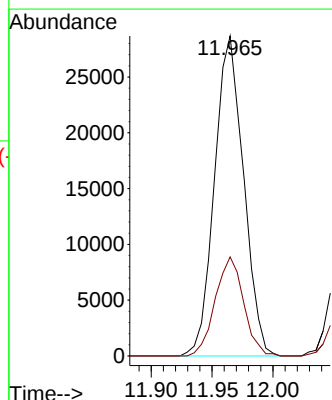
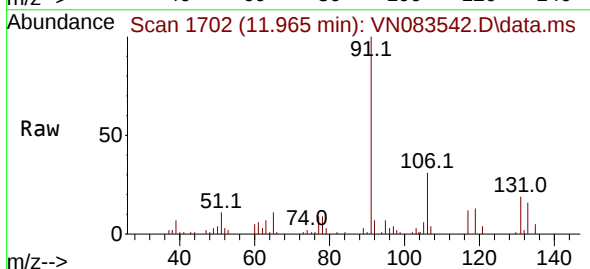
Manual Integrations
APPROVED

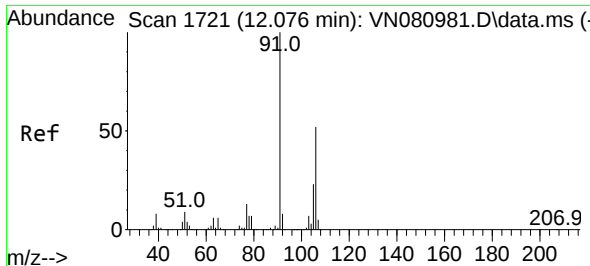
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#66
Ethyl Benzene
Concen: 4.794 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 91 Resp: 47603
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





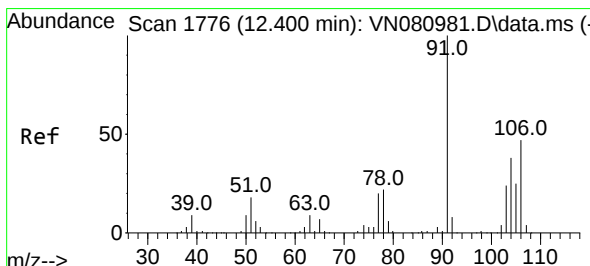
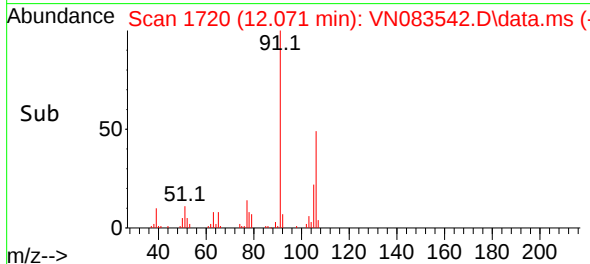
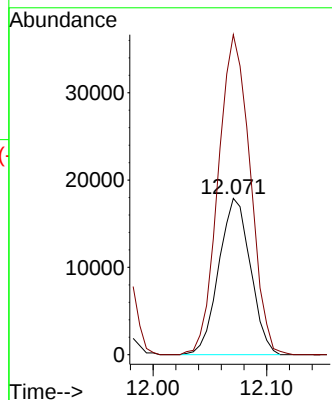
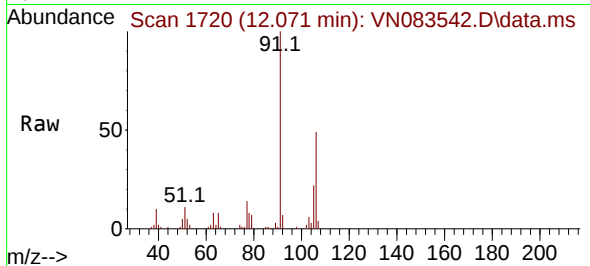
#67
m/p-Xylenes
Concen: 9.427 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:106 Resp: 3469
Ion Ratio Lower Upper
106 100
91 206.4 166.6 249.8

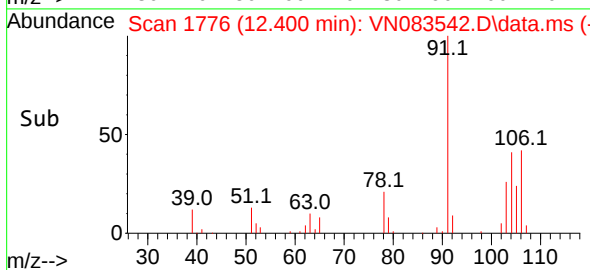
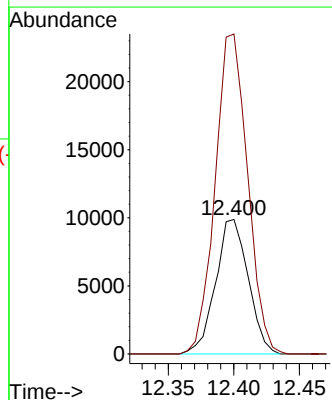
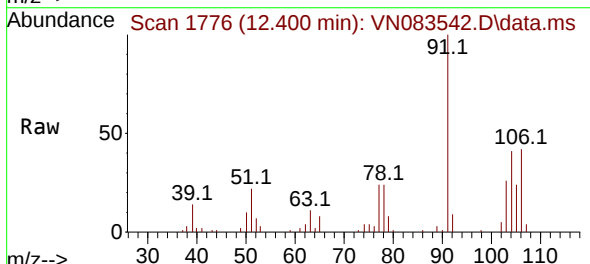
Manual Integrations
APPROVED

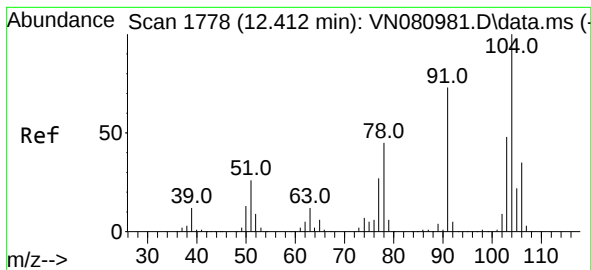
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#68
o-Xylene
Concen: 4.730 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion:106 Resp: 17096
Ion Ratio Lower Upper
106 100
91 236.5 110.0 330.0





#69

Styrene

Concen: 4.465 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024

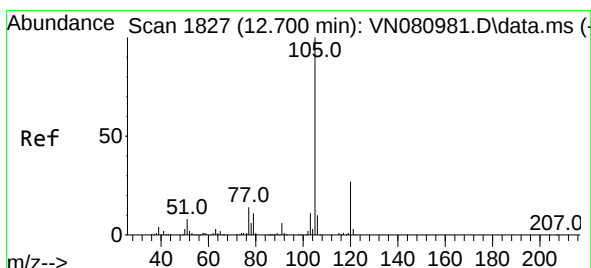
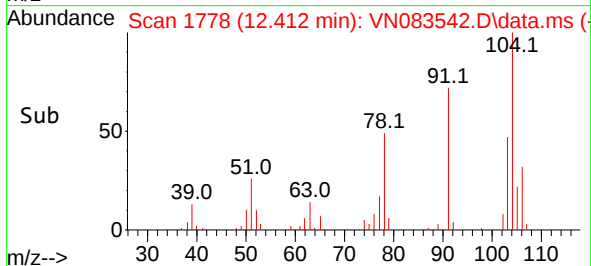
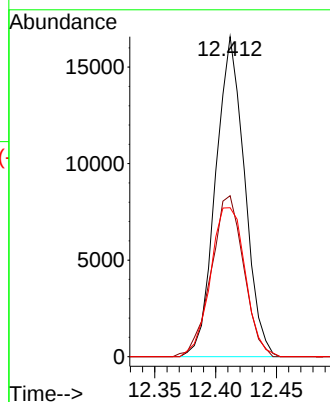
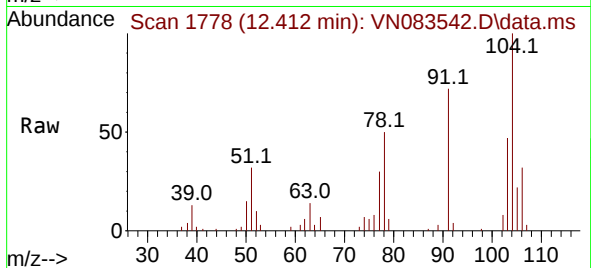
Tgt Ion:104	Resp:	27472
Ion Ratio	Lower	Upper
104	100	
78	56.3	42.6 64.0
103	55.8	43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#70

Isopropylbenzene

Concen: 4.758 ug/l

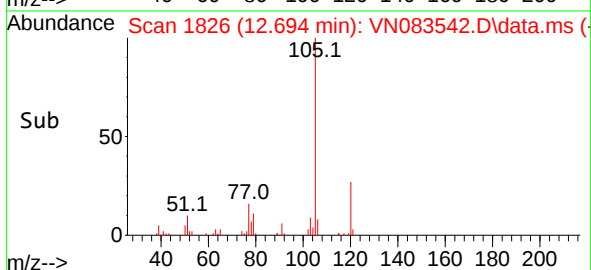
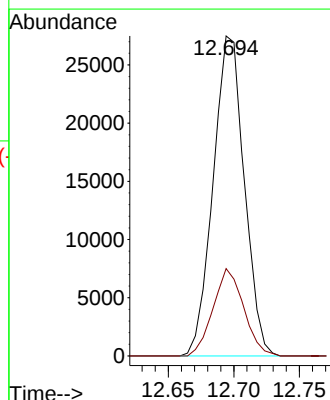
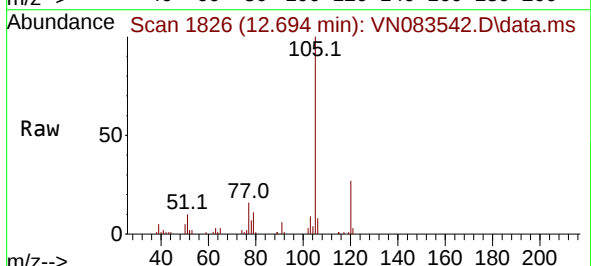
RT: 12.694 min Scan# 1826

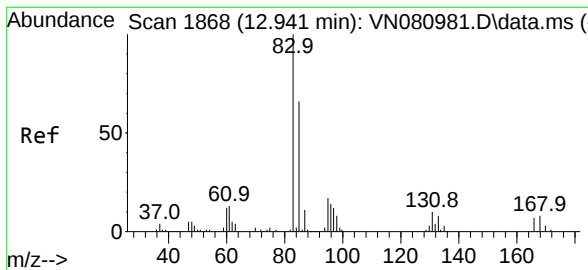
Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

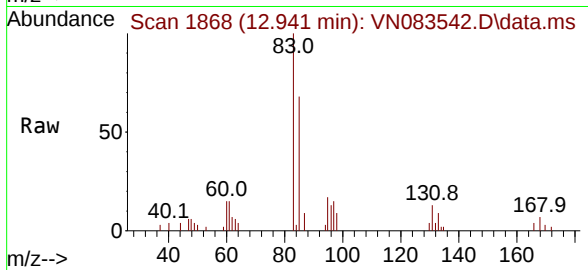
Tgt Ion:105	Resp:	45418
Ion Ratio	Lower	Upper
105	100	
120	26.8	17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.324 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

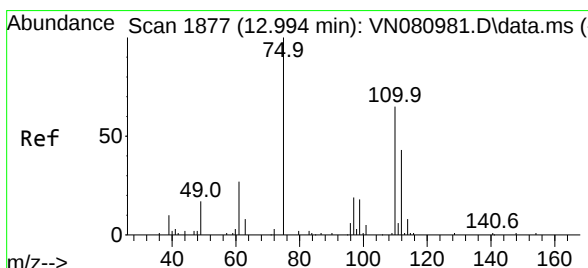
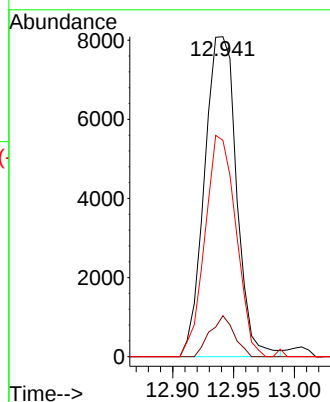
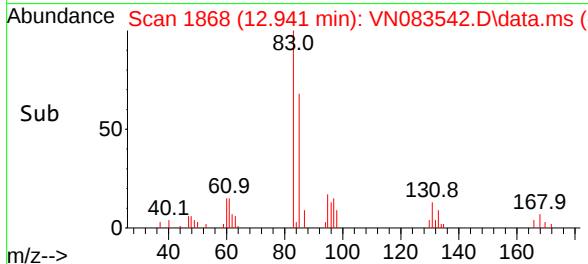
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 83 Resp: 1484
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 66.7 32.3 96.8

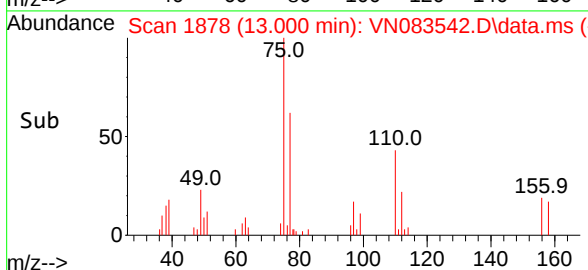
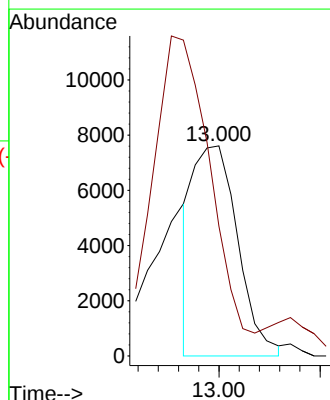
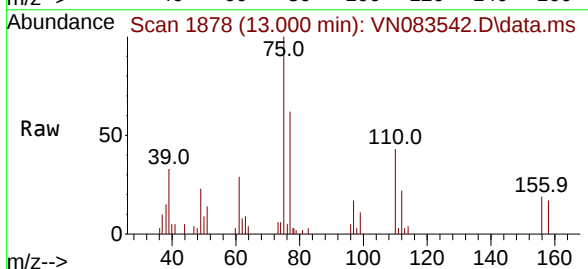
Manual Integrations
APPROVED

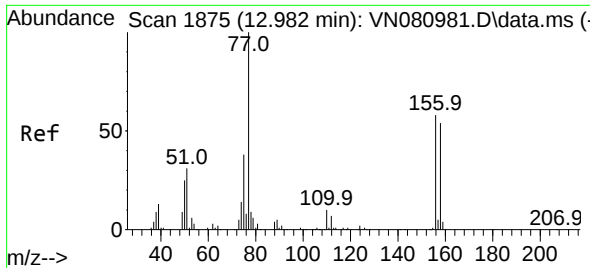
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#72
1,2,3-Trichloropropane
Concen: 4.854 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 75 Resp: 11687
Ion Ratio Lower Upper
75 100
77 201.5 0.0 367.6





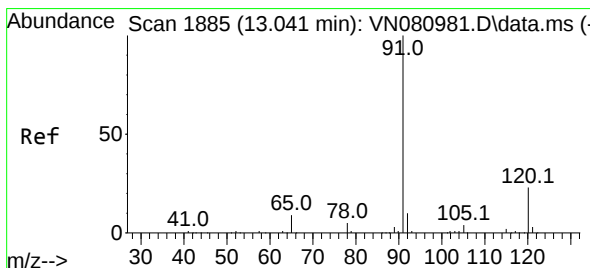
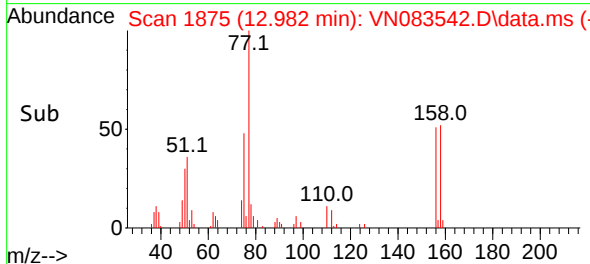
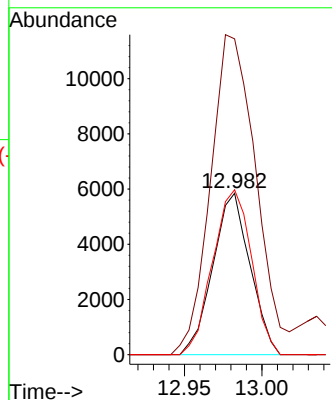
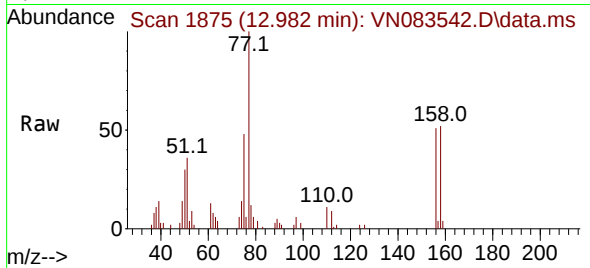
#73
Bromobenzene
Concen: 4.524 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:156 Resp: 9774
Ion Ratio Lower Upper
156 100
77 241.0 0.0 437.6
158 106.3 0.0 203.8

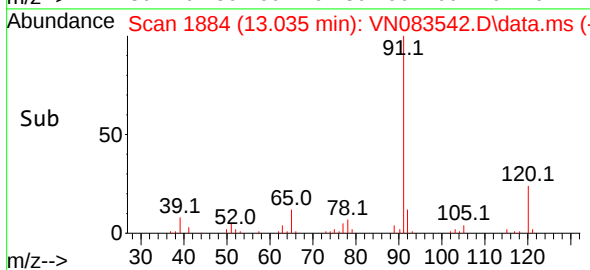
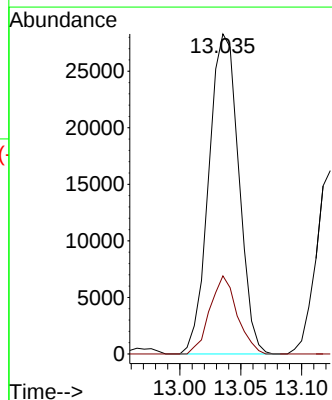
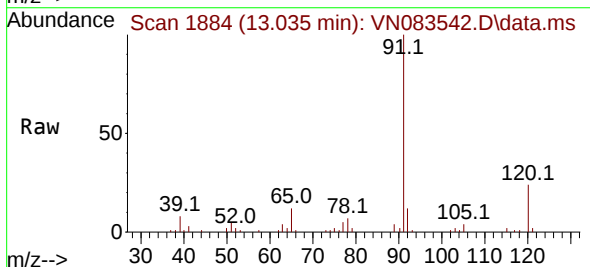
Manual Integrations
APPROVED

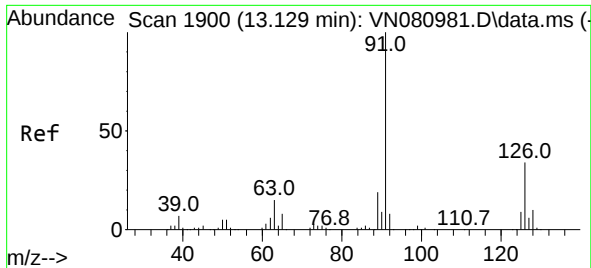
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#74
n-propylbenzene
Concen: 4.376 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 91 Resp: 48397
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8





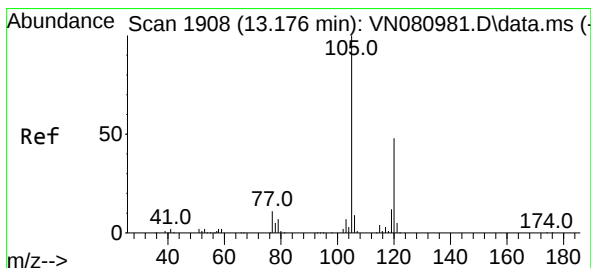
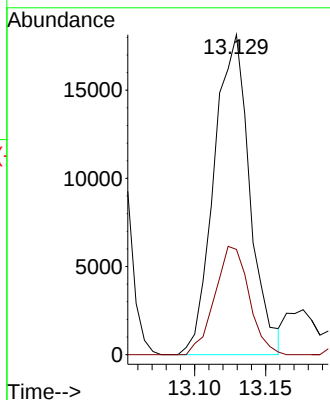
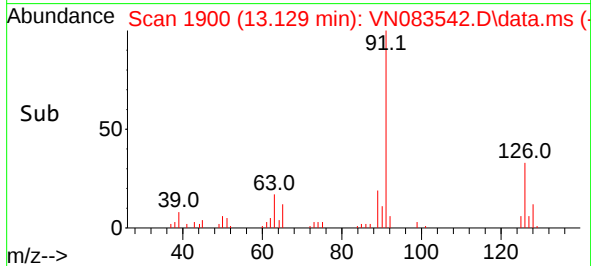
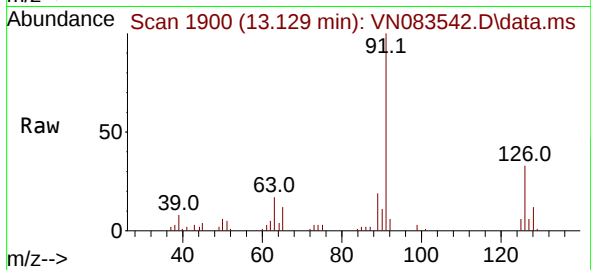
#75
2-Chlorotoluene
Concen: 4.502 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 91 Resp: 31860
Ion Ratio Lower Upper
91 100
126 32.4 0.0 61.2

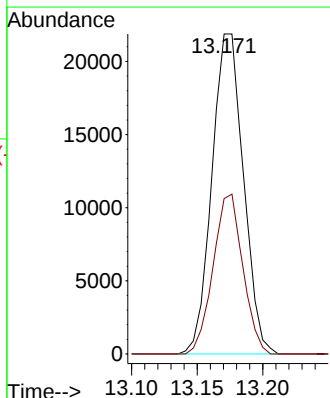
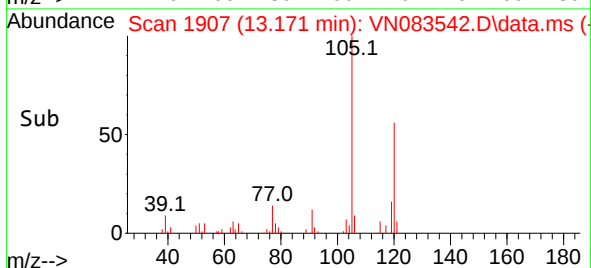
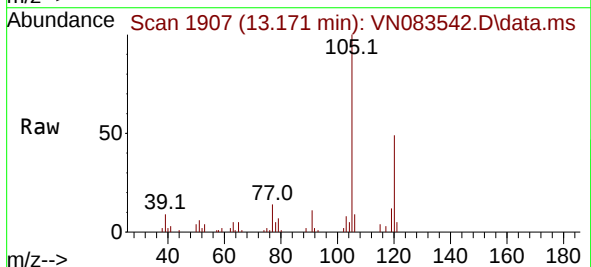
Manual Integrations
APPROVED

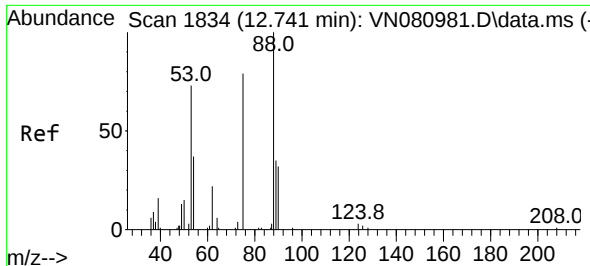
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.589 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

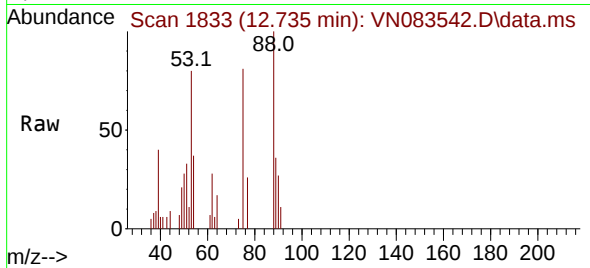
Tgt Ion:105 Resp: 36571
Ion Ratio Lower Upper
105 100
120 47.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 3.734 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

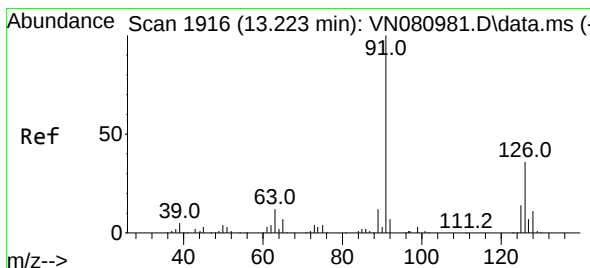
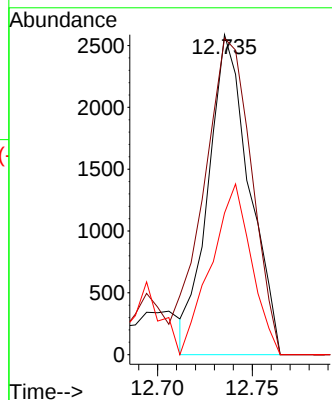
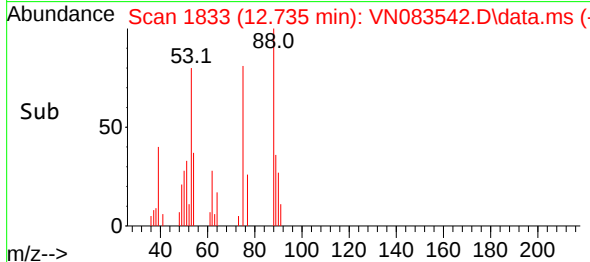
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024



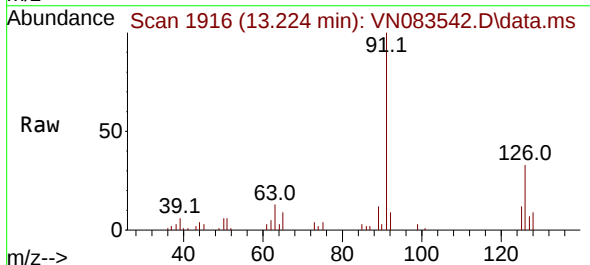
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.9	45.9	137.7
89	44.2	25.9	77.7

Manual Integrations
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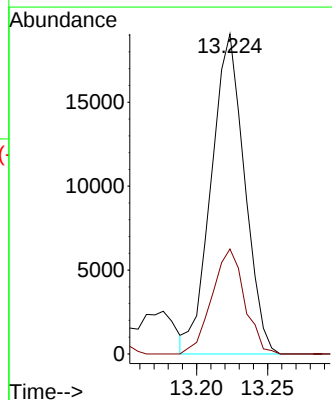
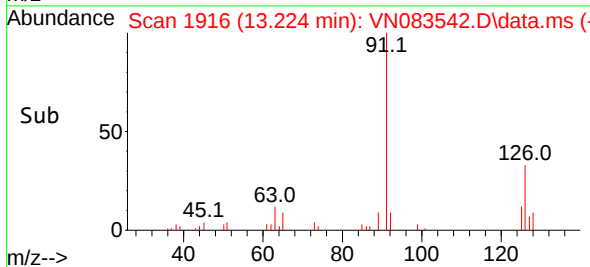
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

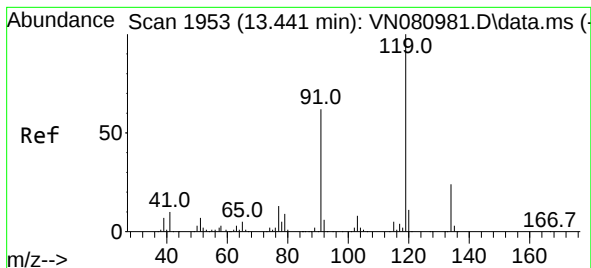


#78
4-Chlorotoluene
Concen: 4.424 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	62.8





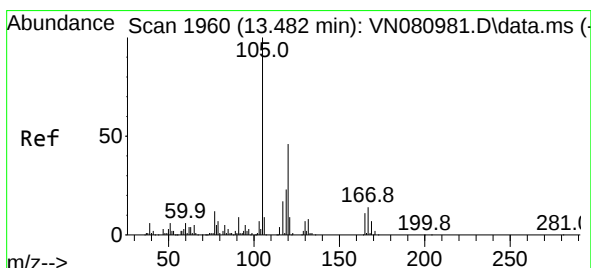
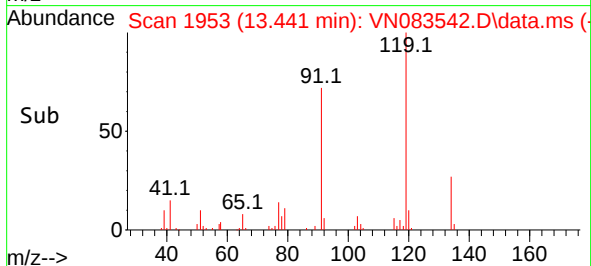
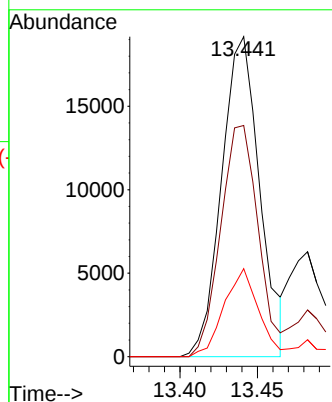
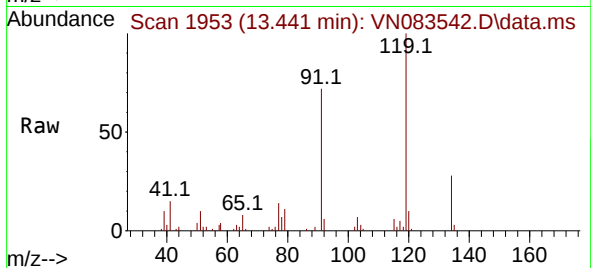
#79
tert-butylbenzene
Concen: 4.592 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:119 Resp: 32774
Ion Ratio Lower Upper
119 100
91 71.2 0.0 138.8
134 24.8 0.0 48.6

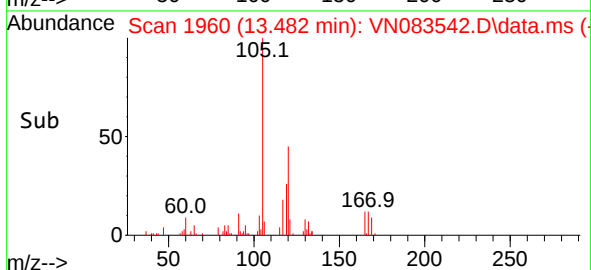
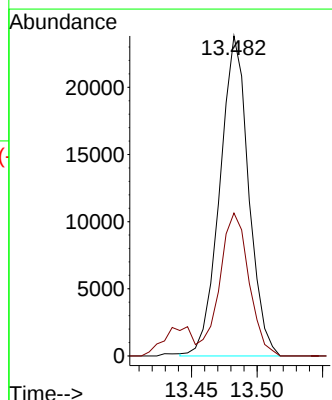
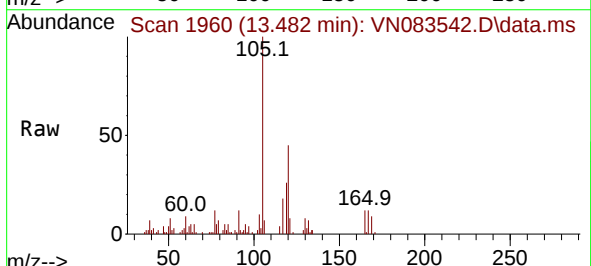
Manual Integrations
APPROVED

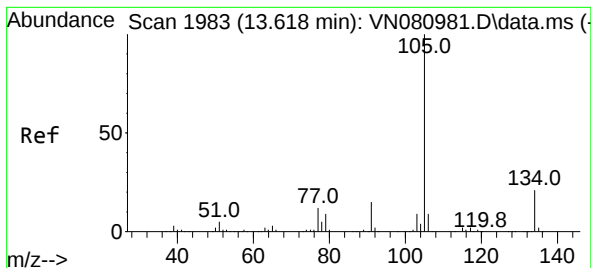
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 4.477 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

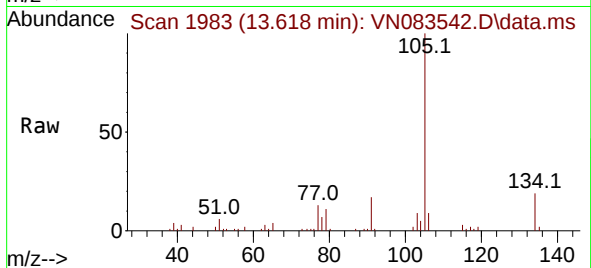
Tgt Ion:105 Resp: 36370
Ion Ratio Lower Upper
105 100
120 45.3 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 4.421 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

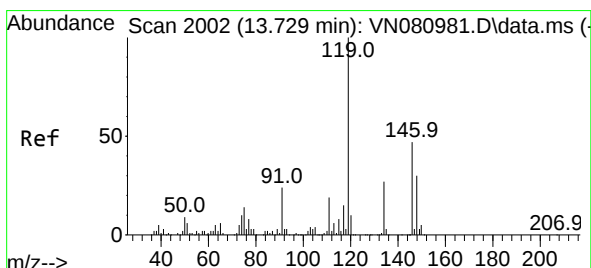
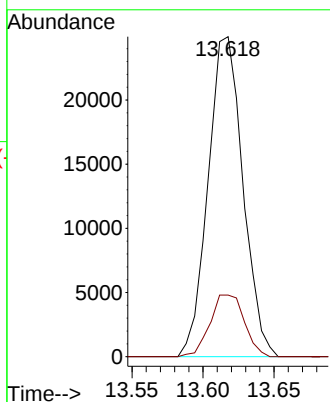
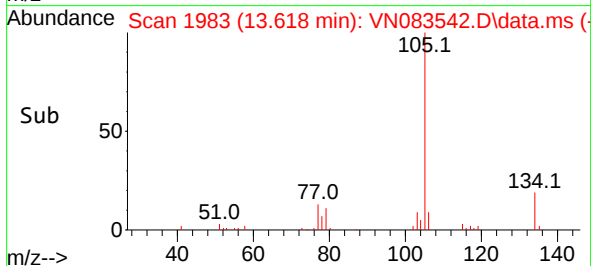
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



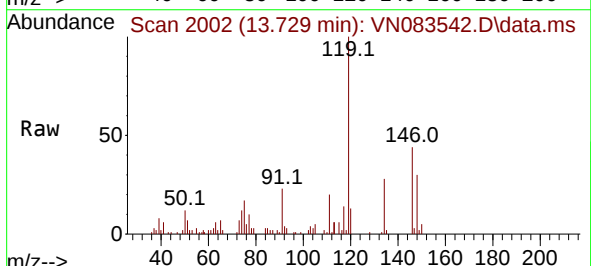
Tgt Ion:105 Resp: 4248
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.0

Manual Integrations
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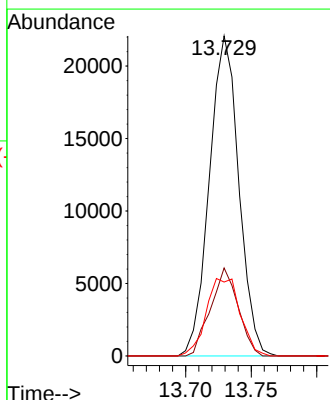
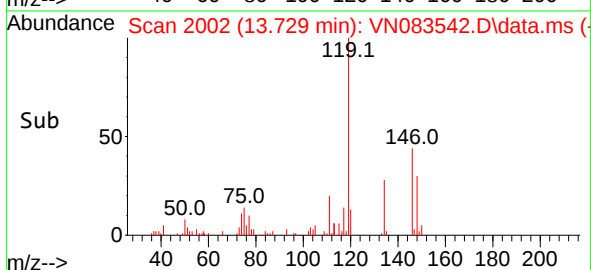
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

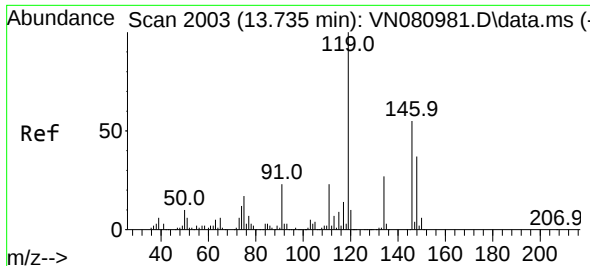


#82
 p-Isopropyltoluene
 Concen: 4.239 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44



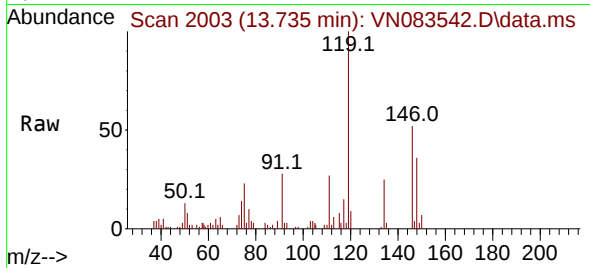
Tgt Ion:119 Resp: 34481
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 49.2
 91 27.9 0.0 48.8





#83
 1,3-Dichlorobenzene
 Concen: 4.285 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

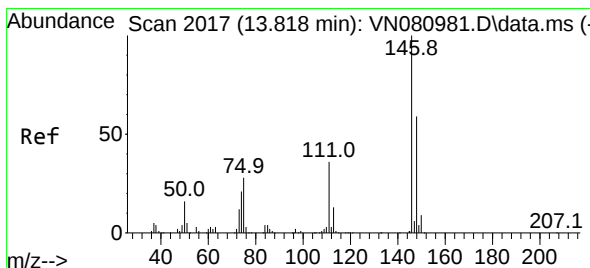
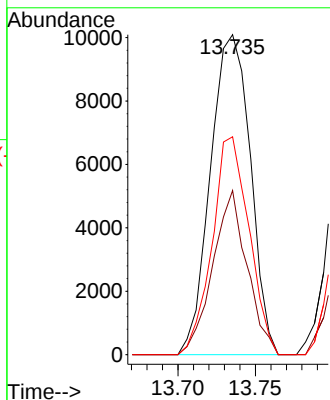
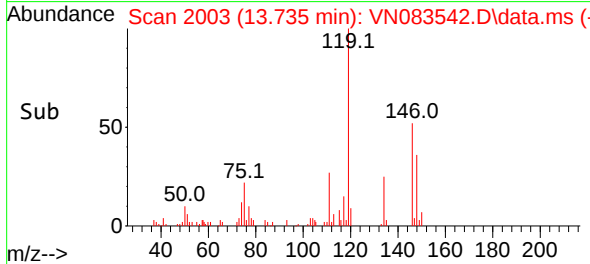
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



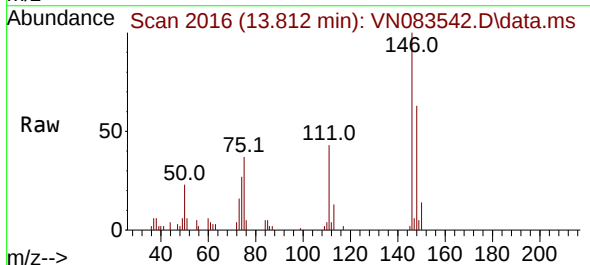
Tgt Ion:146 Resp: 1808
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.4 67.0
 148 62.9 32.1 96.5

Manual Integrations
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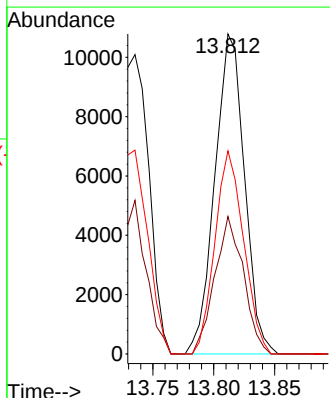
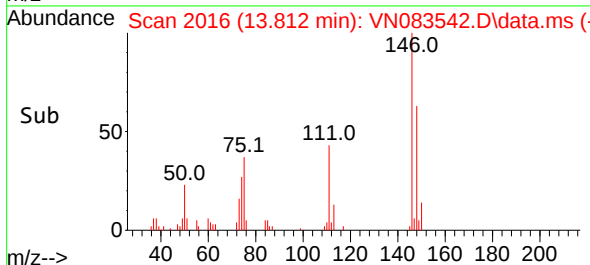
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

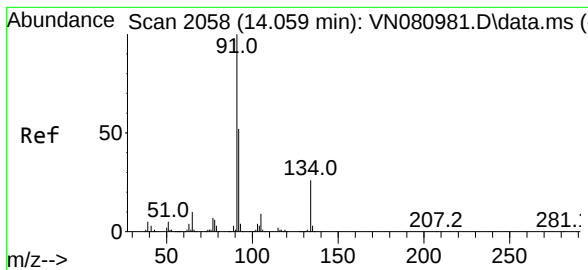


#84
 1,4-Dichlorobenzene
 Concen: 4.319 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44



Tgt Ion:146 Resp: 18308
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.3 63.9
 148 61.4 31.9 95.5





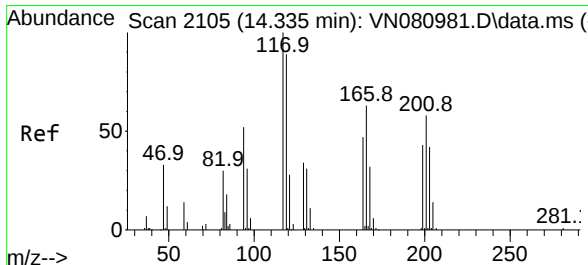
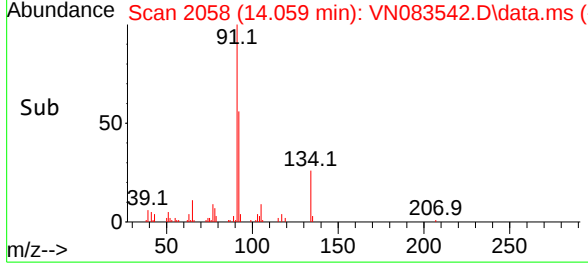
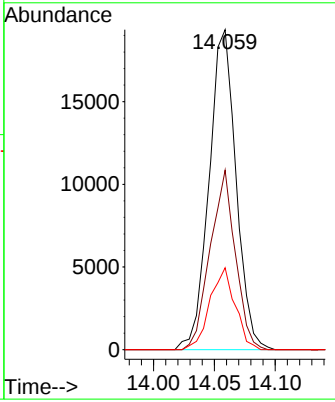
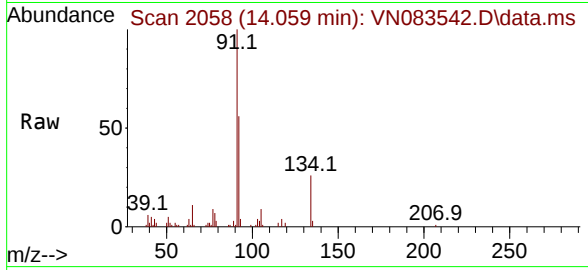
#85
n-Butylbenzene
Concen: 4.148 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion: 91	Resp: 2990
Ion Ratio	Lower Upper
91 100	
92 52.4	0.0 105.0
134 24.0	0.0 51.8

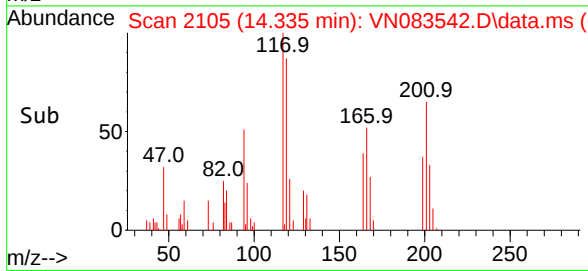
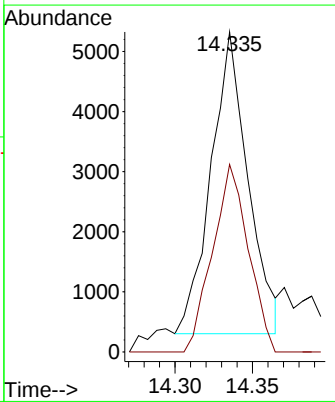
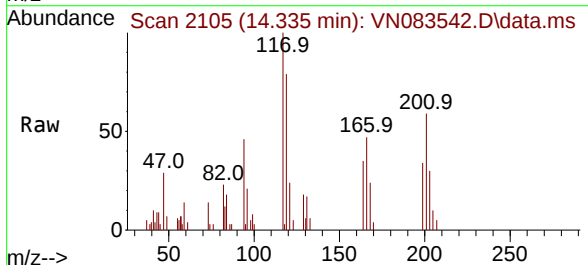
Manual Integrations
APPROVED

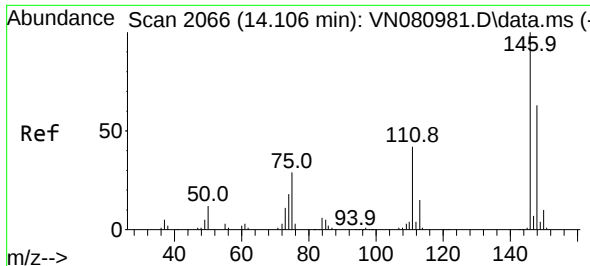
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#86
Hexachloroethane
Concen: 5.231 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 117	Resp: 8334
Ion Ratio	Lower Upper
117 100	
201 59.8	38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 4.571 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083542.D

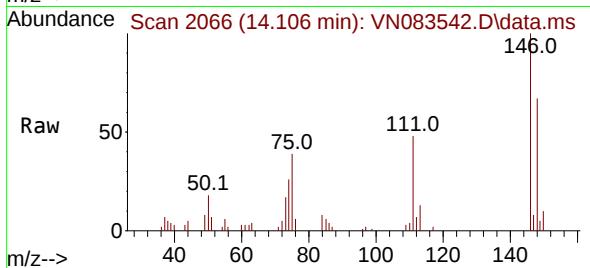
Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:146 Resp: 18990

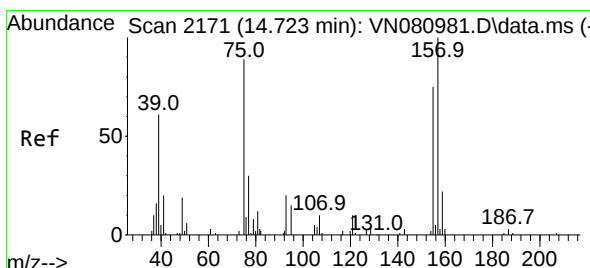
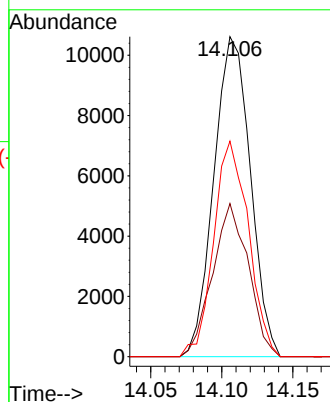
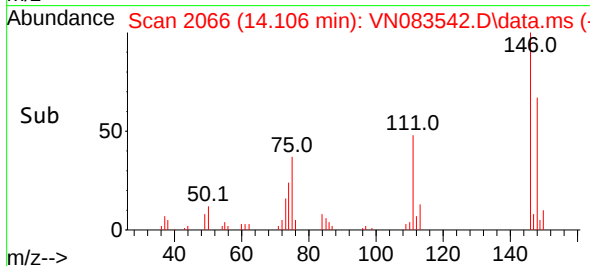
Ion	Ratio	Lower	Upper
146	100		
111	46.9	22.6	67.8
148	64.2	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.667 ug/l

RT: 14.718 min Scan# 2170

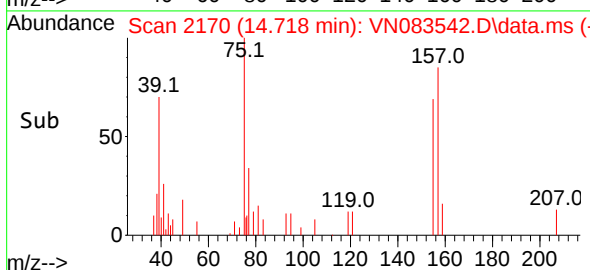
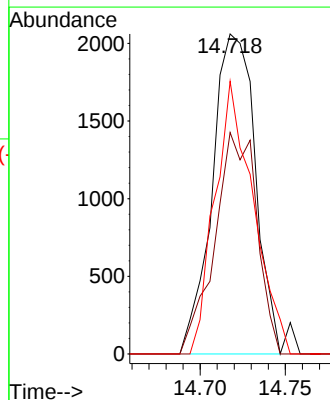
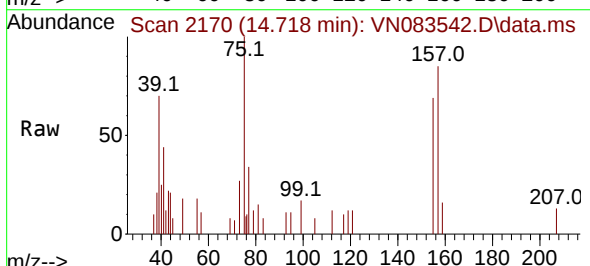
Delta R.T. -0.006 min

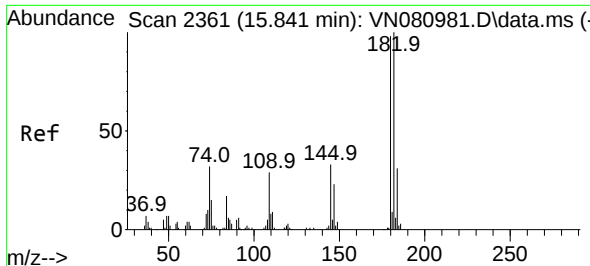
Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Tgt Ion: 75 Resp: 3613

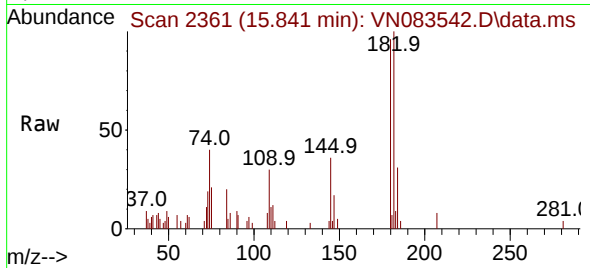
Ion	Ratio	Lower	Upper
75	100		
155	67.7	61.7	92.5
157	76.3	83.6	125.4





#89
1,2,4-Trichlorobenzene
Concen: 4.236 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

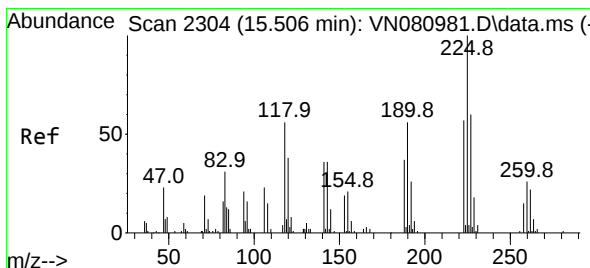
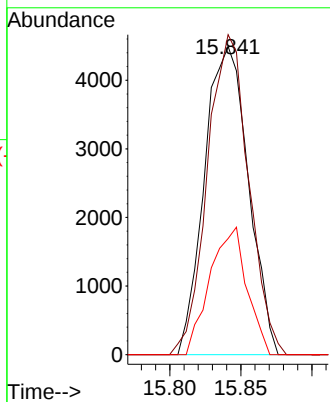
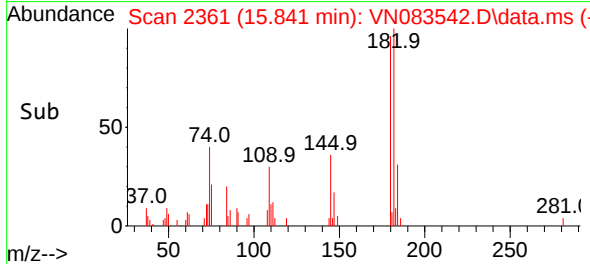
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:180 Resp: 9648
Ion Ratio Lower Upper
180 100
182 97.5 76.4 114.6
145 34.9 28.4 42.6

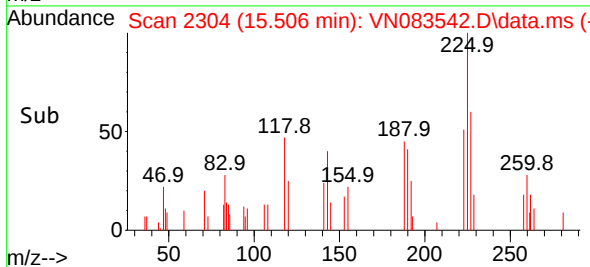
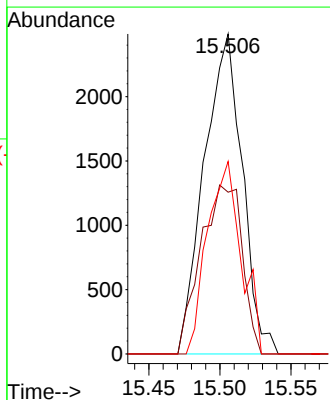
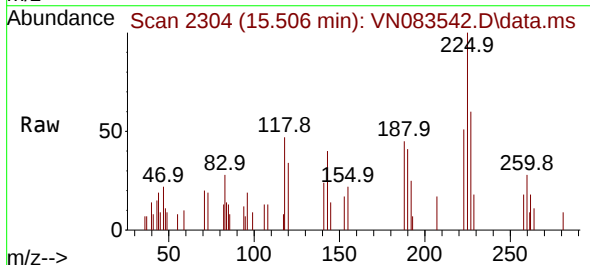
Manual Integrations
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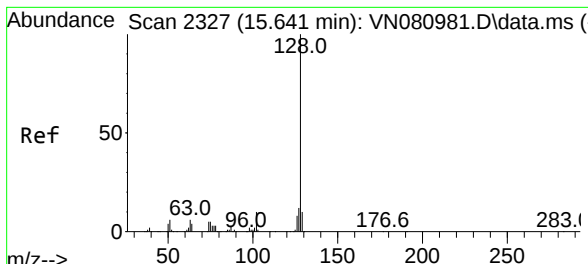
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#90
Hexachlorobutadiene
Concen: 4.787 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

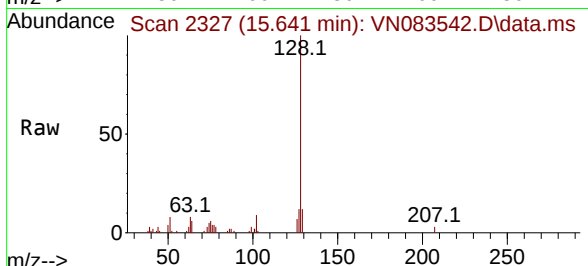
Tgt Ion:225 Resp: 4633
Ion Ratio Lower Upper
225 100
223 57.5 0.0 126.6
227 53.4 0.0 126.6





#91
Naphthalene
Concen: 4.294 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

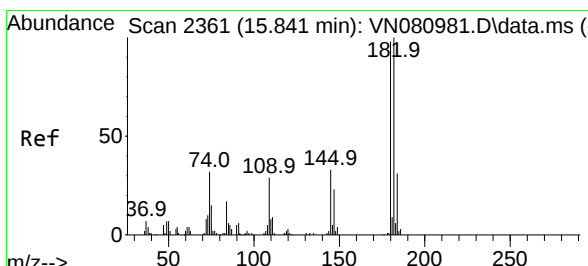
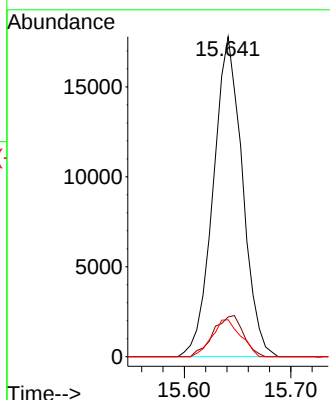
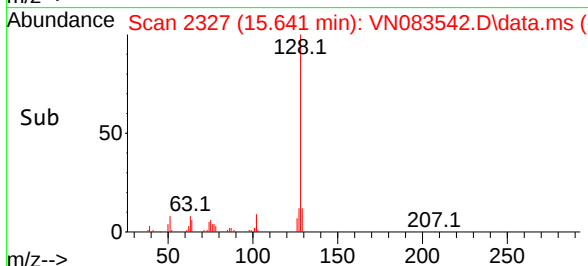
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.4	8.6	13.0

Manual Integrations
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Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 4.236 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	0.0	191.0
145	34.9	0.0	71.0

