

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082028.D
 Acq On : 08 May 2024 11:57
 Operator : JC\MD
 Sample : P2403-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: May 09 01:02:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	33133	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	191749	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	169643	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	85858	30.950	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.167%			
60) 4-Bromofluorobenzene	12.853	95	80506	28.516	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.067%			
63) Toluene-d8	10.571	98	247091	30.670	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.233%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	5663	3.011	ug/l	100
3) Chloromethane	2.359	50	7535	3.455	ug/l	89
4) Vinyl Chloride	2.512	62	6802	3.301	ug/l	93
5) Bromomethane	2.971	94	3999m	3.719	ug/l	
6) Chloroethane	3.124	64	4846	4.153	ug/l	94
7) Trichlorofluoromethane	3.495	101	8392m	2.783	ug/l	
8) Diethyl Ether	3.971	74	4860m	3.330	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.371	101	6530m	3.159	ug/l	
10) 1,1-Dichloroethene	4.353	96	5537m	2.738	ug/l	
11) Methyl Iodide	4.589	142	4181m	2.262	ug/l	
12) Methyl Acetate	5.030	43	8589m	3.392	ug/l	
13) Acrolein	4.177	56	6197m	11.515	ug/l	
14) Acrylonitrile	5.736	53	16846m	14.577	ug/l	
15) Acetone	4.430	58	4672m	18.042	ug/l	
16) Carbon Disulfide	4.712	76	17615	3.144	ug/l #	89
17) Allyl chloride	5.018	41	10926	3.077	ug/l	88
18) Methylene Chloride	5.271	84	8104m	3.522	ug/l	
19) trans-1,2-Dichloroethene	5.789	96	6175	2.934	ug/l	94
20) Diisopropyl ether	6.665	45	22101	2.814	ug/l #	84
21) 1,1-Dichloroethane	6.565	63	13194m	3.172	ug/l	
22) cis-1,2-Dichloroethene	7.488	96	7816	3.047	ug/l	93
23) tert-Butyl Alcohol	5.524	59	6750m	14.180	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	19918	2.732	ug/l #	83
25) Chloroform	7.965	83	11428	2.856	ug/l	92
26) Cyclohexane	8.253	56	11340m	3.153	ug/l	
29) 1,1-Dichloropropene	8.371	75	8109	2.841	ug/l	94
30) 2-Butanone	7.488	43	22977	15.615	ug/l #	78
31) 2,2-Dichloropropane	7.494	77	10305m	3.523	ug/l	
32) 1,1,1-Trichloroethane	8.177	97	9227	2.810	ug/l #	73
33) Carbon Tetrachloride	8.365	117	7564	2.839	ug/l	90
34) Benzene	8.612	78	28072	3.082	ug/l #	84
35) Methacrylonitrile	7.777	41	5257m	2.824	ug/l	
36) 1,2-Dichloroethane	8.671	62	9171	3.000	ug/l	95
37) Trichloroethene	9.347	130	5703	2.557	ug/l #	72
38) Methylcyclohexane	9.600	83	10051	2.915	ug/l	85
39) 1,2-Dichloropropane	9.630	63	6775	2.899	ug/l	94
40) Dibromomethane	9.706	93	4231	2.818	ug/l	65
41) Bromodichloromethane	9.888	83	8974	2.797	ug/l #	86
42) Vinyl Acetate	6.600	43	87863	14.028	ug/l #	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	10897m	3.396	ug/l	
44) Isopropyl Acetate	8.688	43	16539	2.904	ug/l #	79
45) 1,4-Dioxane	9.694	88	2278m	49.870	ug/l	
46) Methyl methacrylate	9.688	41	7911	3.040	ug/l	77
47) n-amyl Acetate	12.494	43	14037	2.732	ug/l	89
48) t-1,3-Dichloropropene	10.841	75	9461	2.719	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	10828	2.943	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	6035	2.963	ug/l #	93
51) Ethyl methacrylate	10.877	69	10062	2.618	ug/l	80
52) 1,3-Dichloropropane	11.159	76	11432	3.055	ug/l	93
53) Dibromochloromethane	11.359	129	5797	2.616	ug/l	95
54) 1,2-Dibromoethane	11.476	107	6070	2.988	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	23969	12.470	ug/l #	93
56) Bromoform	12.582	173	3483	2.583	ug/l #	66
58) 4-Methyl-2-Pentanone	10.441	43	46811	14.211	ug/l #	87
59) 2-Hexanone	11.194	43	35419	14.502	ug/l #	89
61) Tetrachloroethene	11.106	164	4862	2.583	ug/l #	75
62) Toluene	10.629	91	27611	2.893	ug/l	94
64) Chlorobenzene	11.888	112	15699	2.689	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	4711	2.465	ug/l	83
66) Ethyl Benzene	11.965	91	28325	2.707	ug/l #	88
67) m/p-Xylenes	12.076	106	21066	5.431	ug/l	100
68) o-Xylene	12.406	106	10869	2.832	ug/l	96
69) Styrene	12.418	104	16002	2.484	ug/l	97
70) Isopropylbenzene	12.694	105	24511	2.515	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	7903	2.817	ug/l	95
72) 1,2,3-Trichloropropane	13.000	75	6582m	2.510	ug/l	
73) Bromobenzene	12.976	156	5444	2.609	ug/l	78
74) n-propylbenzene	13.035	91	29915	2.601	ug/l	99
75) 2-Chlorotoluene	13.123	91	18682	2.626	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	20743	2.629	ug/l	94
77) t-1,4-Dichloro-2-butene	12.735	75	3516	3.012	ug/l	88
78) 4-Chlorotoluene	13.223	91	17838	2.559	ug/l	93
79) tert-butylbenzene	13.441	119	16082	2.367	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	19077	2.407	ug/l	88
81) sec-Butylbenzene	13.617	105	24874	2.612	ug/l	98
82) p-Isopropyltoluene	13.729	119	18032	2.395	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	9718	2.587	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	8835	2.340	ug/l	92
85) n-Butylbenzene	14.053	91	17662	2.568	ug/l	94
86) Hexachloroethane	14.341	117	3767	2.509	ug/l	71
87) 1,2-Dichlorobenzene	14.106	146	10154	2.714	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	1578	2.507	ug/l #	72
89) 1,2,4-Trichlorobenzene	15.841	180	4535	2.201	ug/l #	85
90) Hexachlorobutadiene	15.506	225	1786	2.340	ug/l	57
91) Naphthalene	15.647	128	16924	2.161	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.841	180	4535	2.201	ug/l	85

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

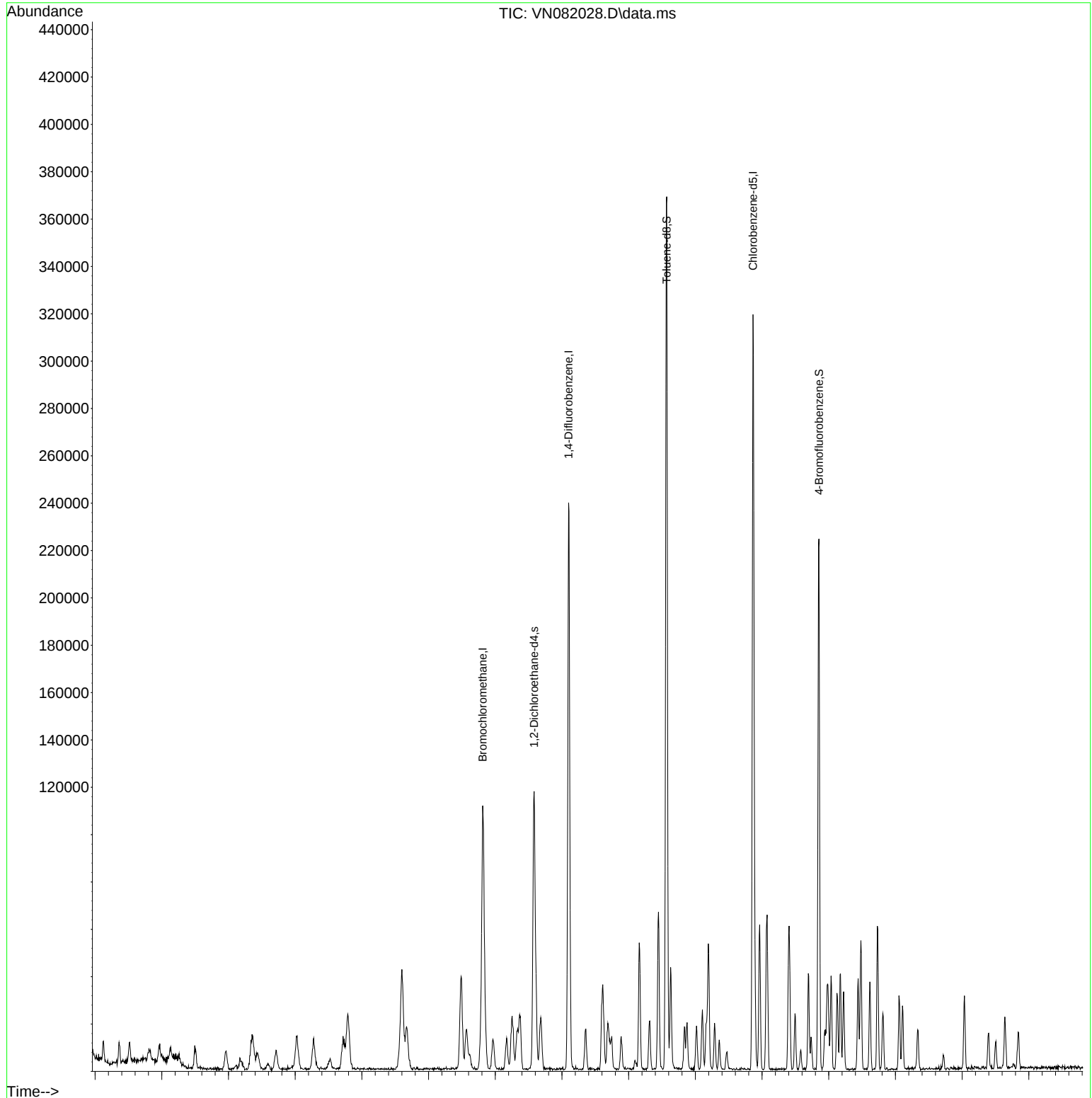
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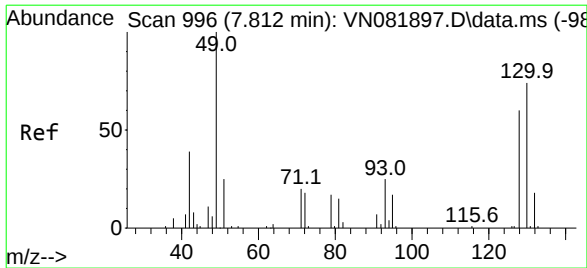
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MSVOA_N
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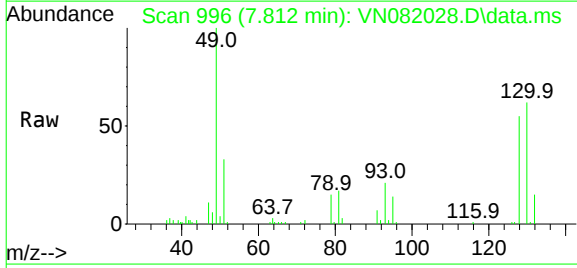
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

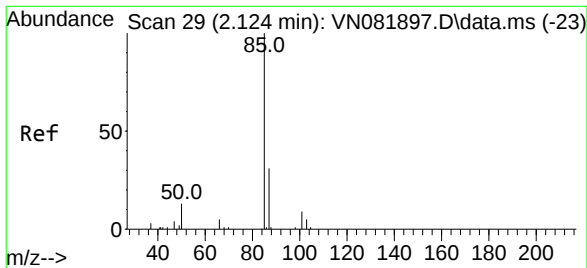
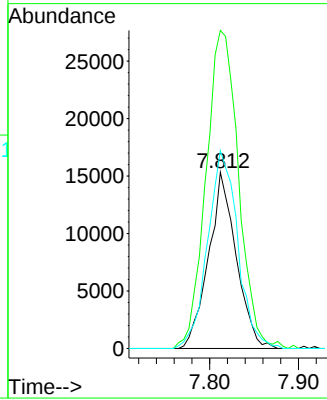
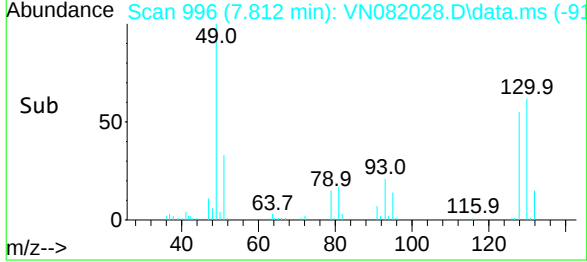
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:128 Resp: 33133
Ion Ratio Lower Upper
128 100
49 211.4 0.0 403.7
130 122.4 0.0 323.3

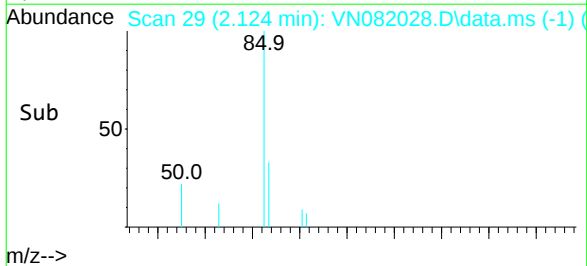
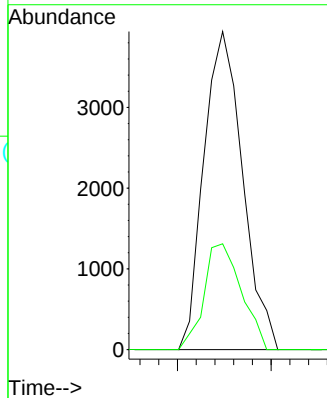
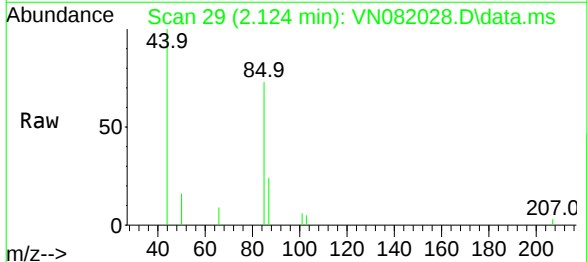
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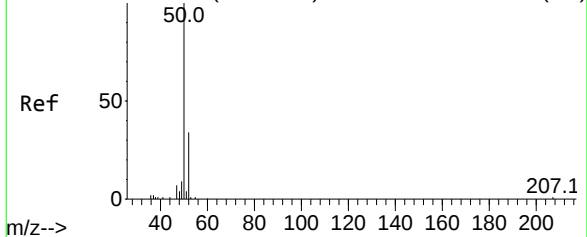


#2
Dichlorodifluoromethane
Concen: 3.011 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 85 Resp: 5663
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.3



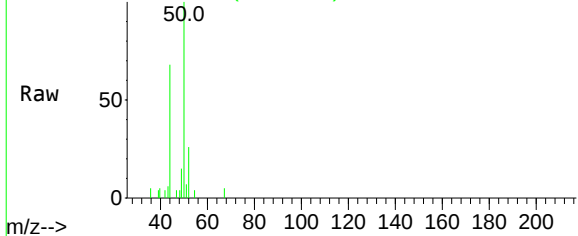
Abundance Scan 69 (2.360 min): VN081897.D\data.ms (-64)



#3
Chloromethane
Concen: 3.455 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Abundance Scan 69 (2.359 min): VN082028.D\data.ms

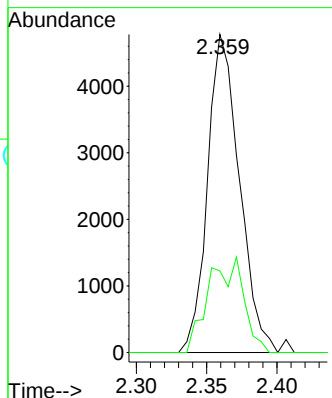
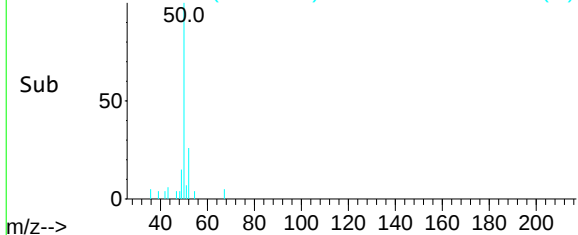


Tgt Ion: 50 Resp: 7535
Ion Ratio Lower Upper
50 100
52 25.7 25.4 38.0

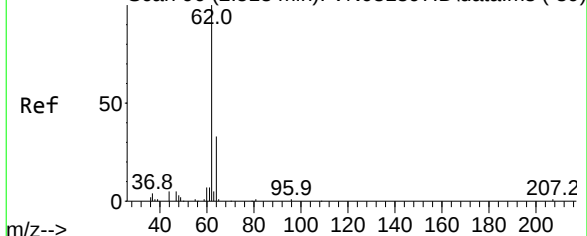
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Abundance Scan 69 (2.359 min): VN082028.D\data.ms (-1)



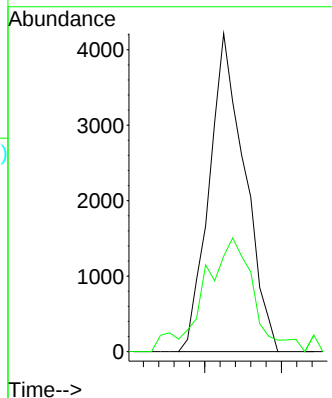
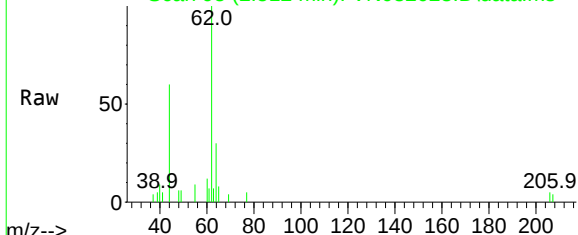
Abundance Scan 96 (2.518 min): VN081897.D\data.ms (-89)



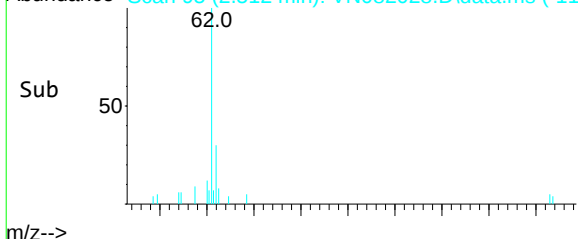
#4
Vinyl Chloride
Concen: 3.301 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

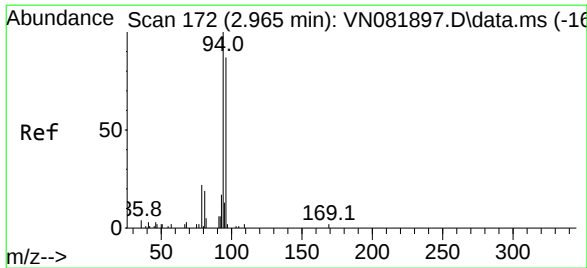
Tgt Ion: 62 Resp: 6802
Ion Ratio Lower Upper
62 100
64 26.3 24.1 36.1

Abundance Scan 95 (2.512 min): VN082028.D\data.ms



Abundance Scan 95 (2.512 min): VN082028.D\data.ms (-11)





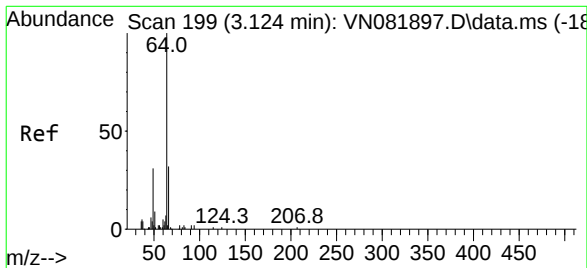
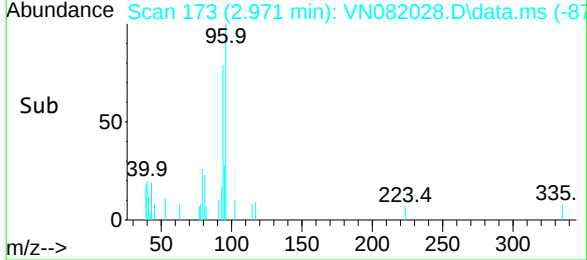
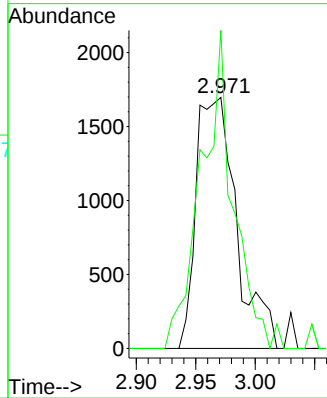
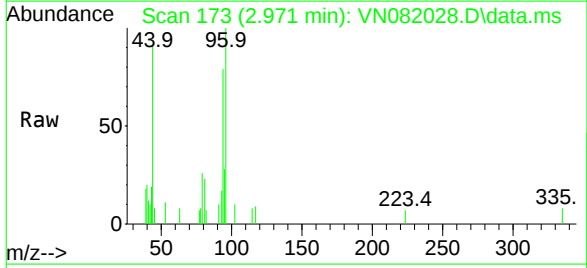
#5
Bromomethane
Concen: 3.719 ug/l m
RT: 2.971 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

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Tgt Ion: 94 Resp: 3999
Ion Ratio Lower Upper
94 100
96 126.7 72.8 109.2#

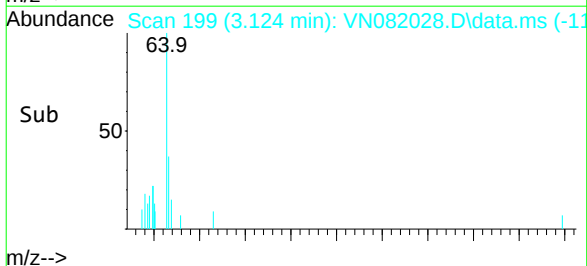
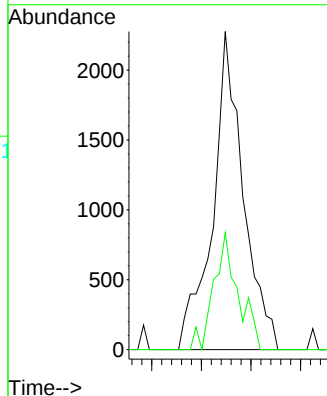
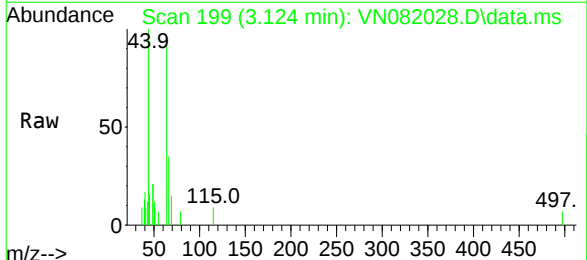
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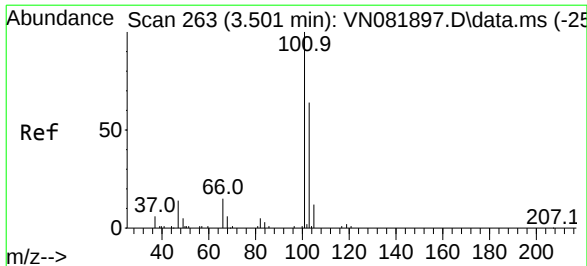
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#6
Chloroethane
Concen: 4.153 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082028.D
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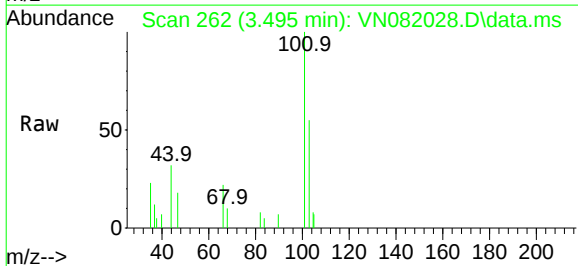
Tgt Ion: 64 Resp: 4846
Ion Ratio Lower Upper
64 100
66 36.8 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 2.783 ug/l m
 RT: 3.495 min Scan# 26
 Delta R.T. -0.006 min
 Lab File: VN082028.D
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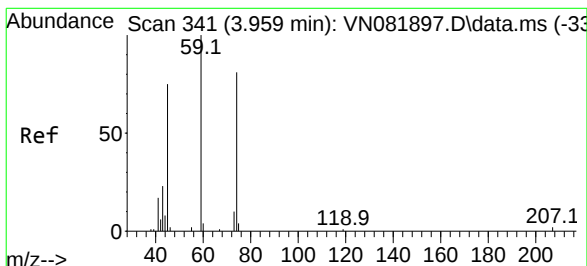
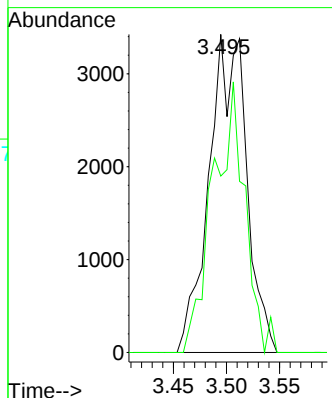
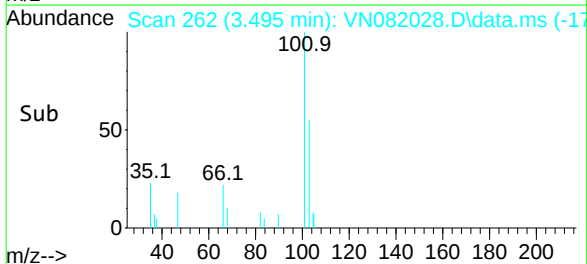
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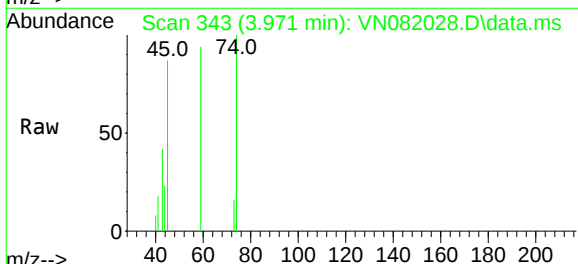
Tgt Ion: 101 Resp: 8392
 Ion Ratio Lower Upper
 101 100
 103 55.5 53.0 79.4

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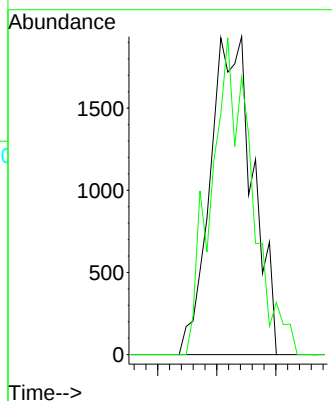
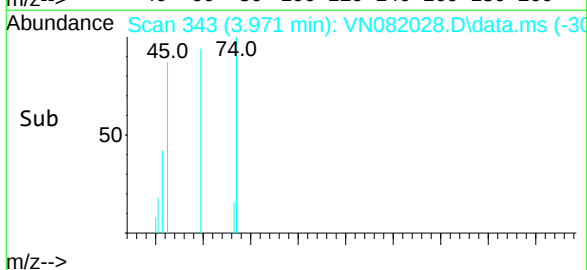
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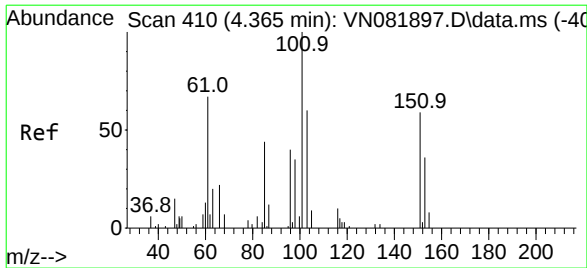


#8
 Diethyl Ether
 Concen: 3.330 ug/l m
 RT: 3.971 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VN082028.D
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Tgt Ion: 74 Resp: 4860
 Ion Ratio Lower Upper
 74 100
 45 55.9 16.4 147.4





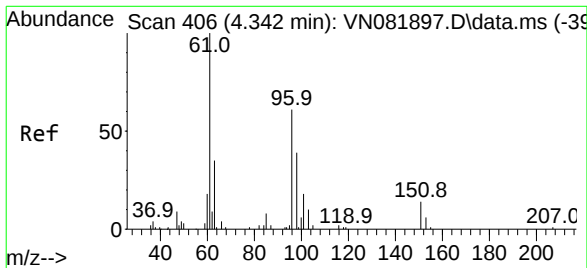
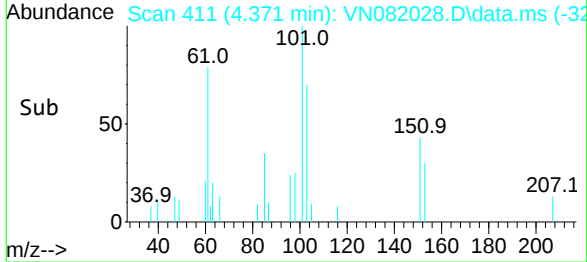
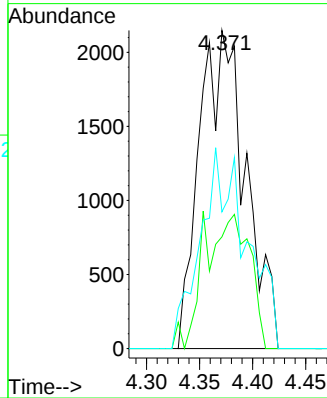
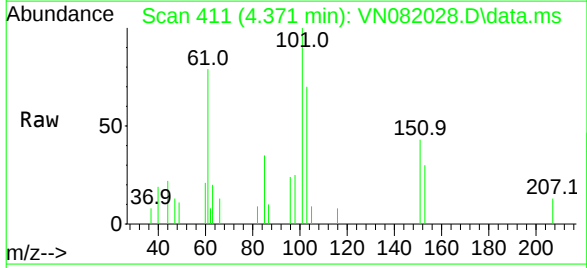
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.159 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
101	100		
85	0.0	0.0	90.6
151	30.6	0.0	157.6

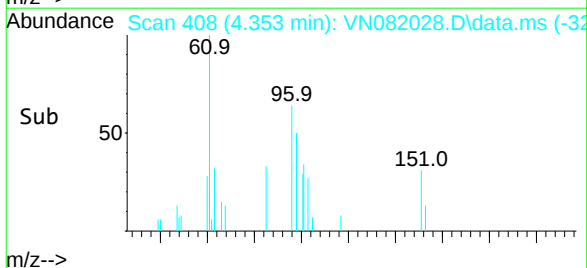
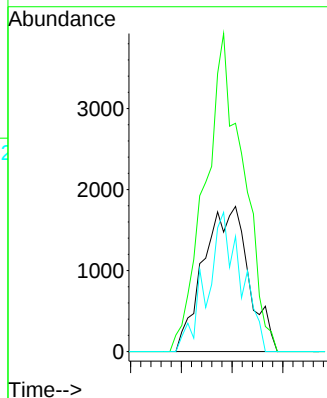
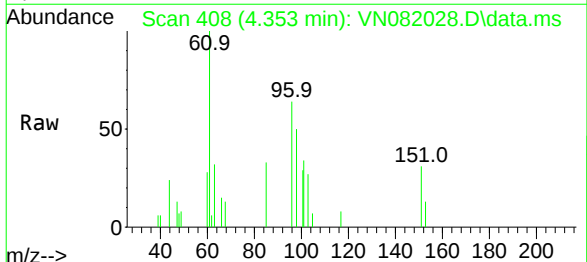
Manual Integrations
APPROVED

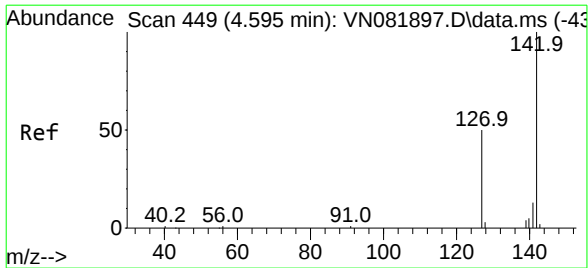
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#10
1,1-Dichloroethene
Concen: 2.738 ug/l m
RT: 4.353 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.3	117.6	176.4
98	79.3	48.4	72.6





#11

Methyl Iodide

Concen: 2.262 ug/l m

RT: 4.589 min Scan# 44

Delta R.T. -0.006 min

Lab File: VN082028.D

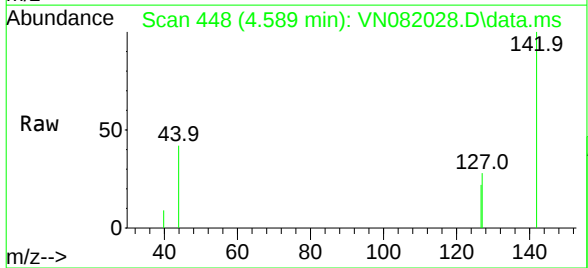
Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

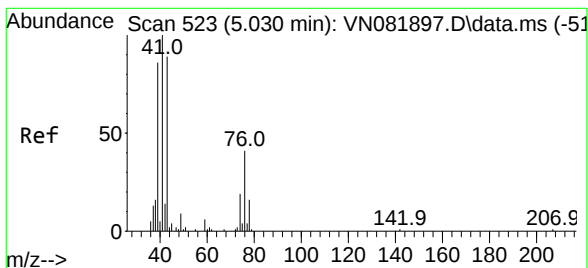
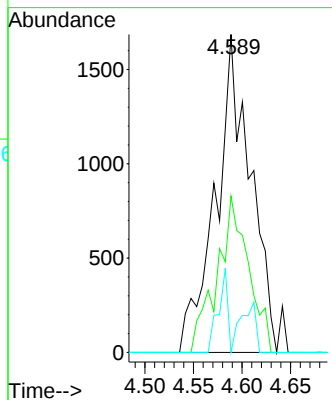
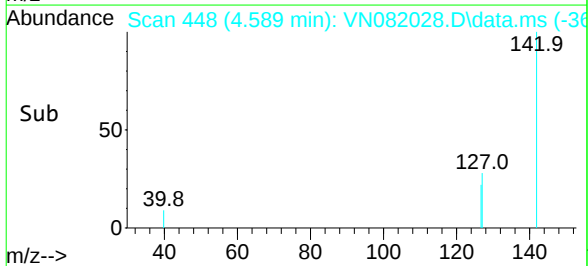
MDL-WATER-03-QT2-2024



Tgt Ion:	142	Resp:	4181
Ion	Ratio	Lower	Upper
142	100		
127	27.6	26.3	78.9
141	0.0	8.3	24.9#

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#12

Methyl Acetate

Concen: 3.392 ug/l m

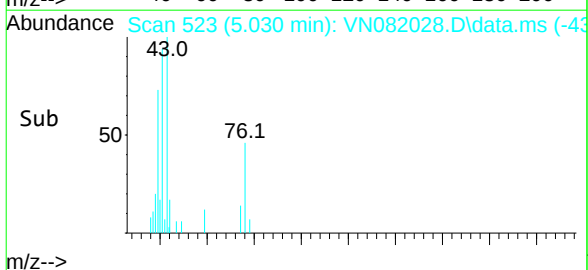
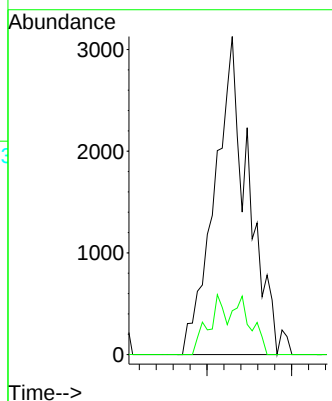
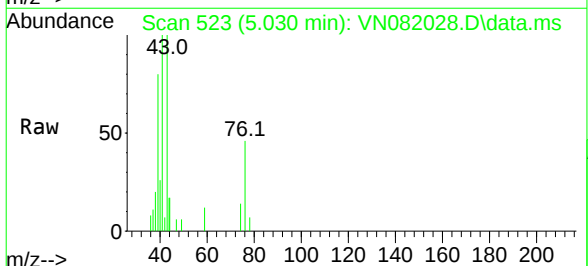
RT: 5.030 min Scan# 523

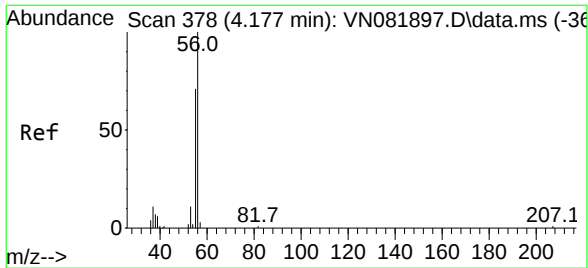
Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:	43	Resp:	8589
Ion	Ratio	Lower	Upper
43	100		
74	13.8	27.7	41.5#





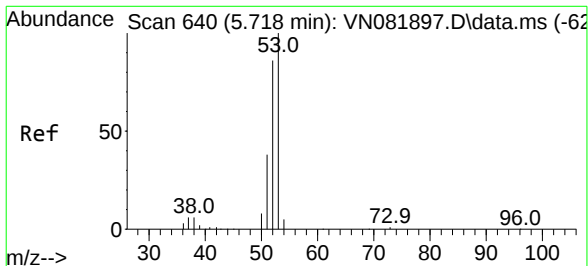
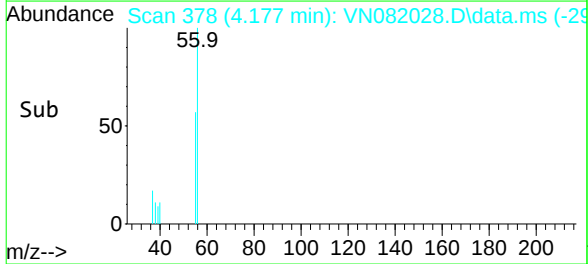
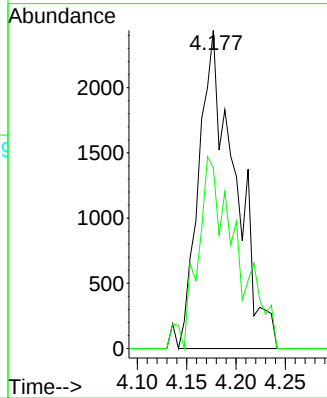
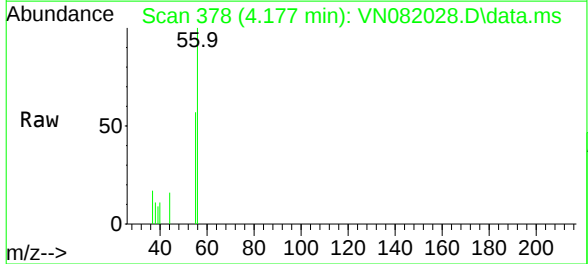
#13
Acrolein
Concen: 11.515 ug/l m
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 6197
Ion Ratio Lower Upper
56 100
55 52.2 55.5 83.3#

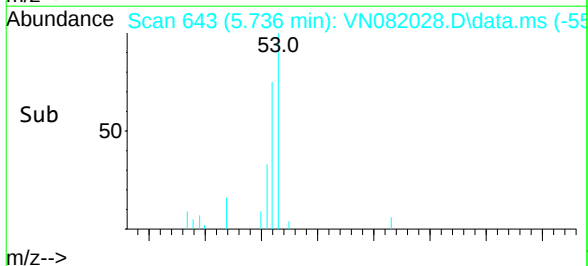
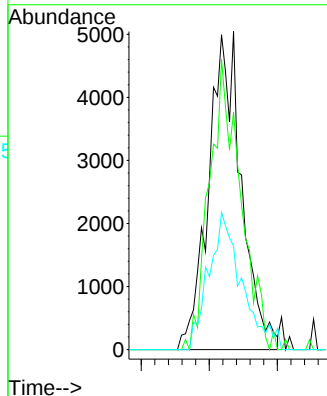
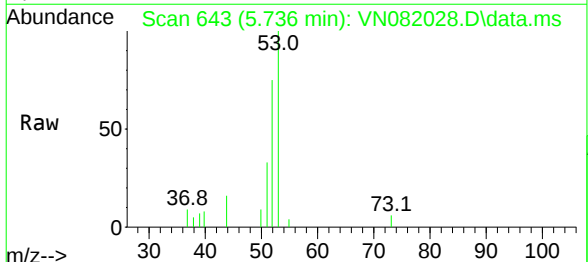
Manual Integrations
APPROVED

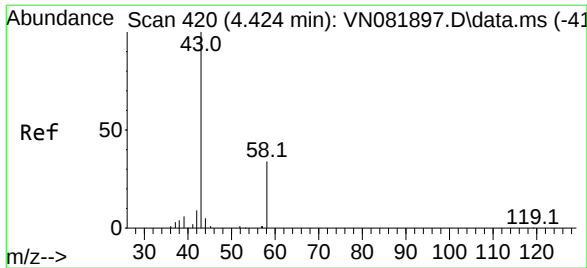
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#14
Acrylonitrile
Concen: 14.577 ug/l m
RT: 5.736 min Scan# 643
Delta R.T. 0.018 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 53 Resp: 16846
Ion Ratio Lower Upper
53 100
52 53.3 41.3 123.9
51 32.6 16.8 50.3





#15

Acetone

Concen: 18.042 ug/l m

RT: 4.430 min Scan# 42

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 58 Resp: 4672

Ion Ratio Lower Upper

58 100

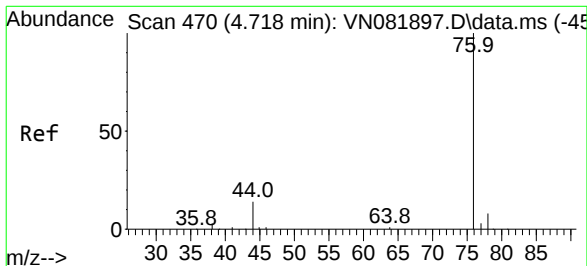
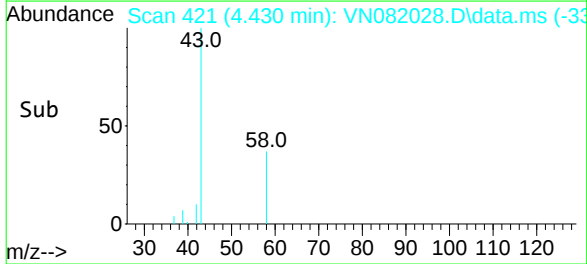
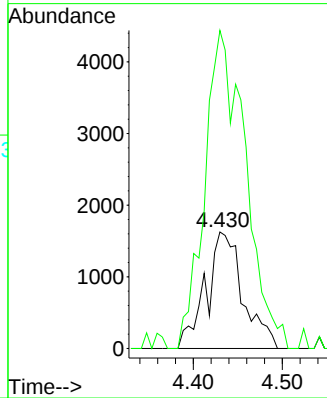
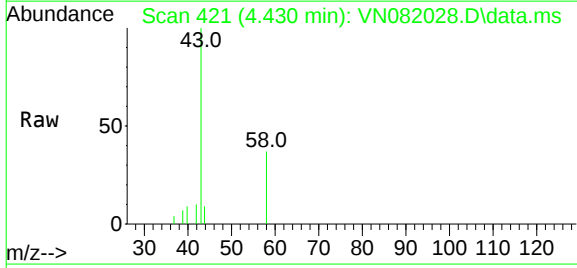
43 273.0 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#16

Carbon Disulfide

Concen: 3.144 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082028.D

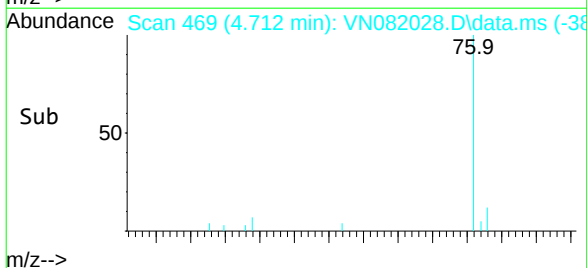
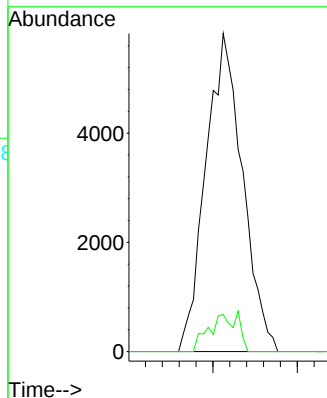
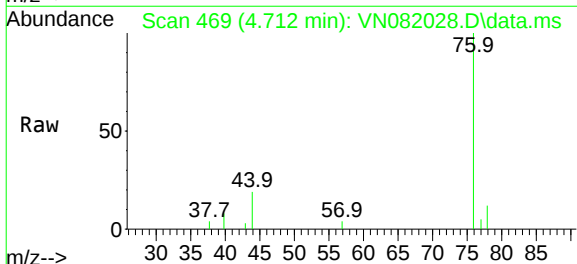
Acq: 08 May 2024 11:57

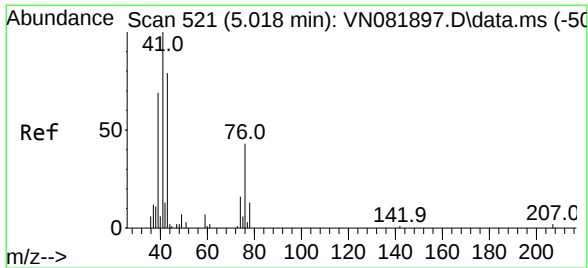
Tgt Ion: 76 Resp: 17615

Ion Ratio Lower Upper

76 100

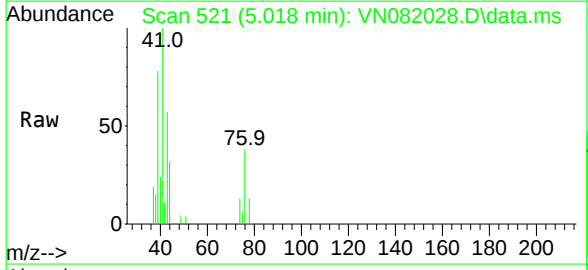
78 11.7 6.3 9.5#





#17
 Allyl chloride
 Concen: 3.077 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.000 min
 Lab File: VN082028.D
 Acq: 08 May 2024 11:57

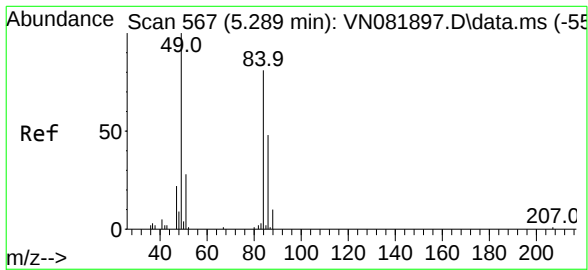
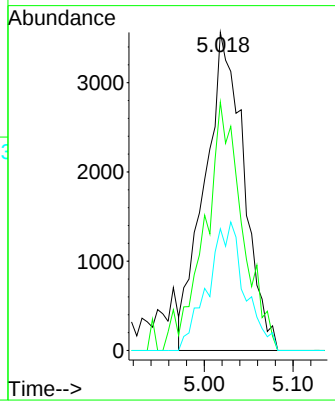
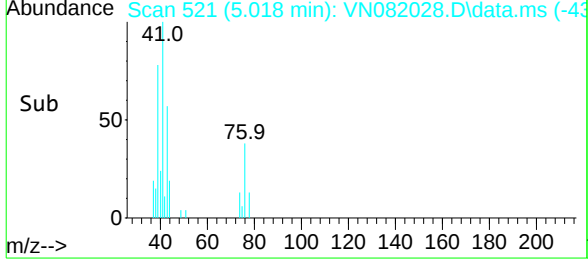
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:	41	Resp:	10926
Ion	Ratio	Lower	Upper
41	100		
39	78.1	37.6	112.9
76	38.3	27.8	83.4

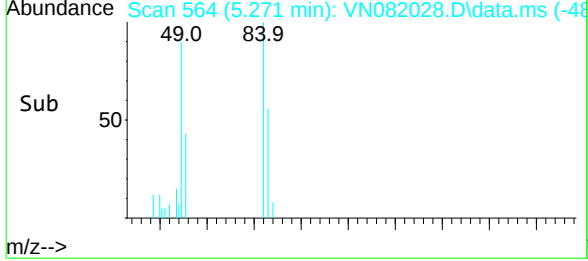
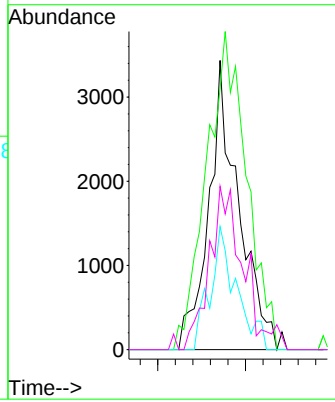
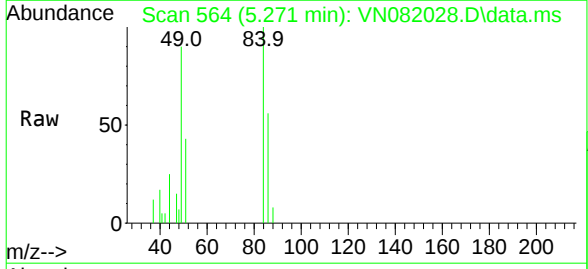
Manual Integrations
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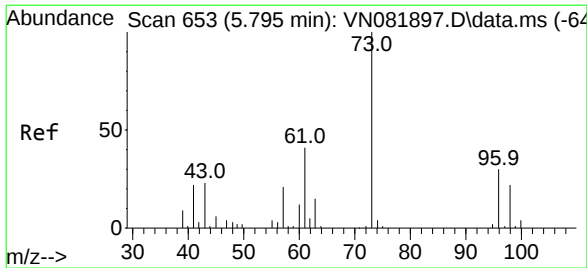
Reviewed By :John Carlone 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#18
 Methylene Chloride
 Concen: 3.522 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. -0.018 min
 Lab File: VN082028.D
 Acq: 08 May 2024 11:57

Tgt Ion:	84	Resp:	8104
Ion	Ratio	Lower	Upper
84	100		
49	90.2	86.0	129.0
51	42.5	30.0	45.0
86	56.4	53.0	79.4





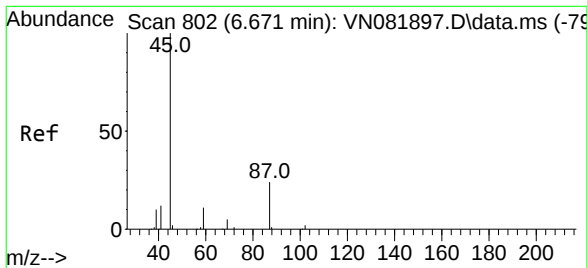
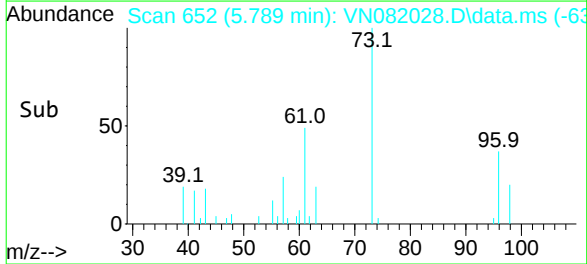
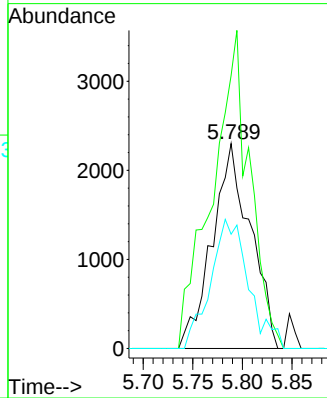
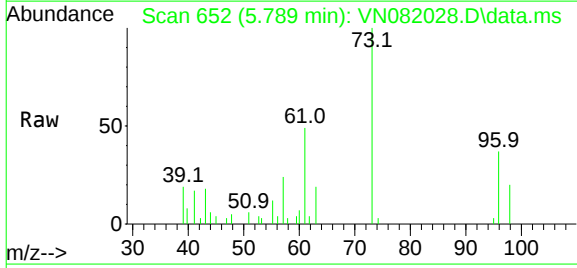
#19
trans-1,2-Dichloroethene
Concen: 2.934 ug/l
RT: 5.789 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	96	Resp	6175
Ion	Ratio	Lower	Upper
96	100		
61	133.2	111.8	167.6
98	55.8	49.2	73.8

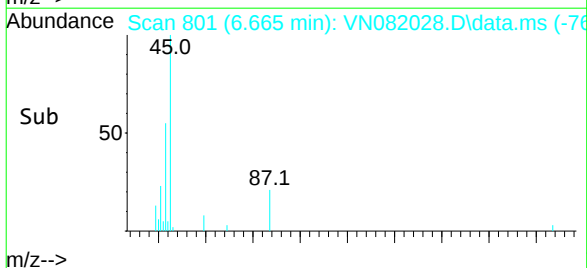
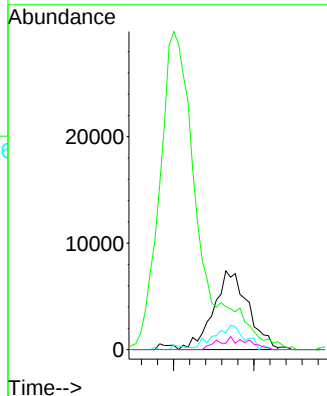
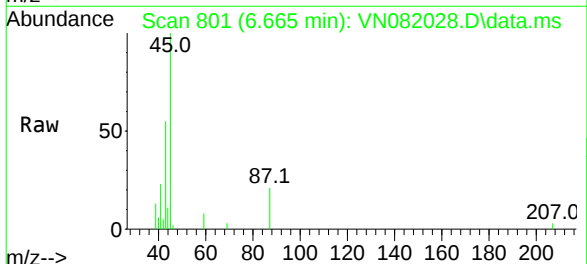
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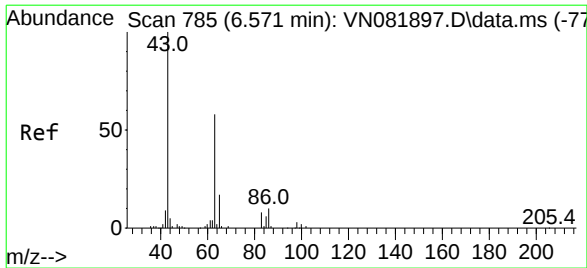
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#20
Diisopropyl ether
Concen: 2.814 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

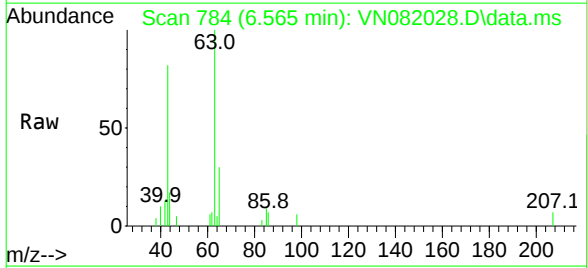
Tgt Ion	45	Resp	22101
Ion	Ratio	Lower	Upper
45	100		
43	38.4	40.4	60.6#
87	21.2	23.8	35.8#
59	8.0	9.8	14.6#





#21
1,1-Dichloroethane
Concen: 3.172 ug/l m
RT: 6.565 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

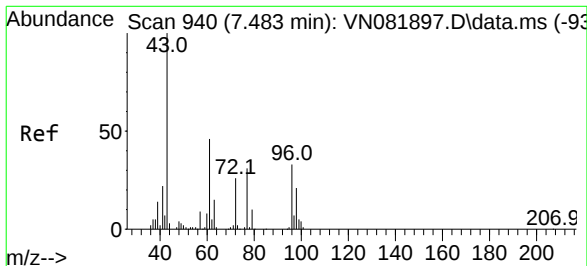
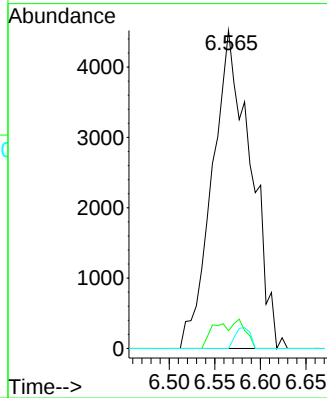
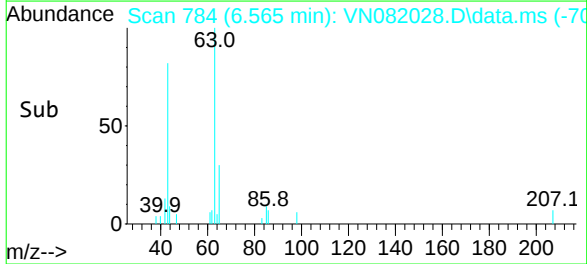
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 63 Resp: 13194
Ion Ratio Lower Upper
63 100
98 5.6 4.1 12.3
100 0.0 3.0 9.0

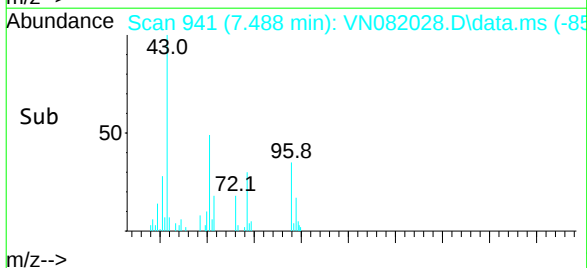
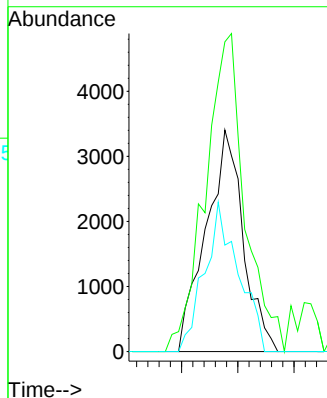
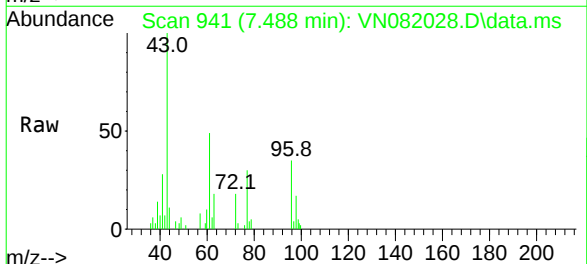
Manual Integrations
APPROVED

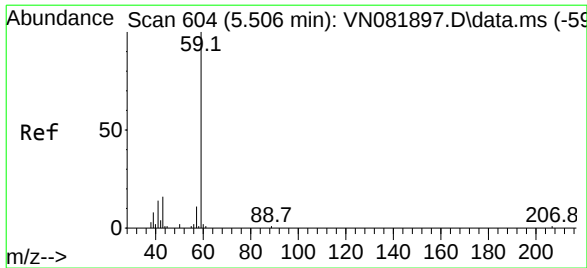
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#22
cis-1,2-Dichloroethene
Concen: 3.047 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

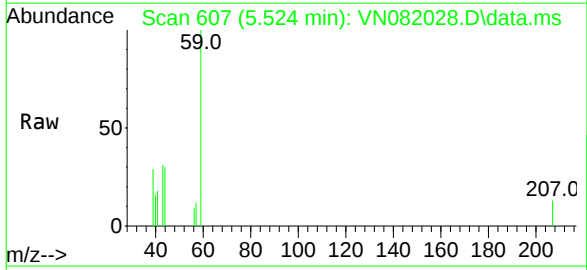
Tgt Ion: 96 Resp: 7816
Ion Ratio Lower Upper
96 100
61 152.4 113.5 170.3
98 61.4 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 14.180 ug/l m
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

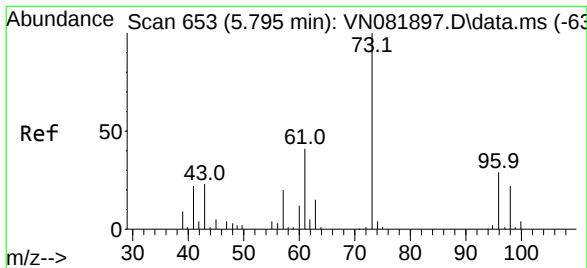
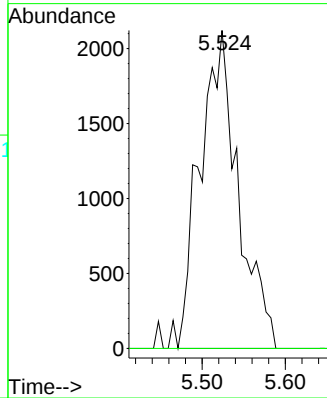
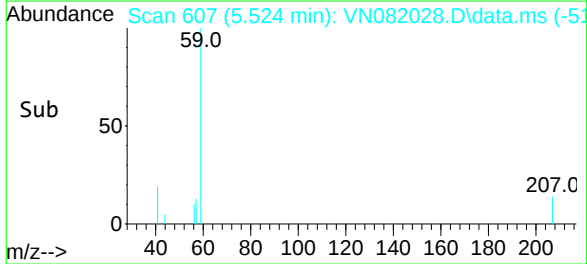
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 59 Resp: 6750
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

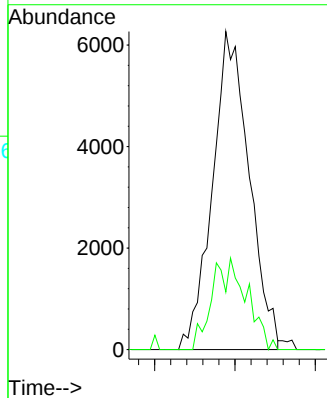
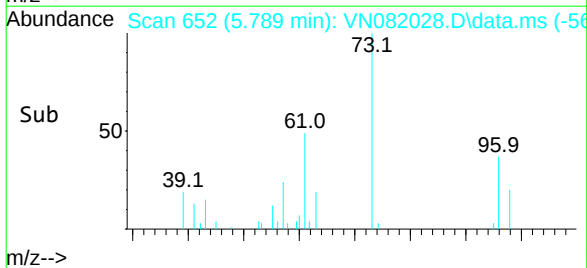
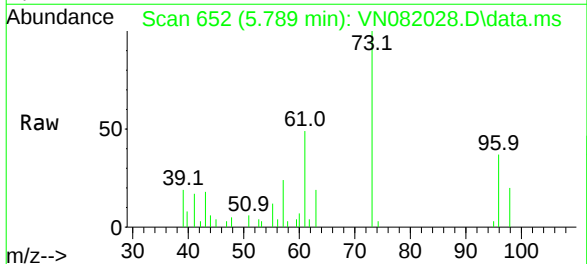
Manual Integrations
APPROVED

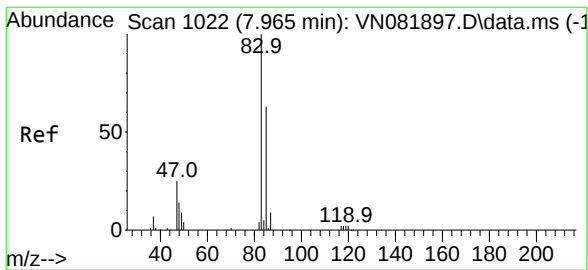
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#24
Methyl tert-Butyl Ether
Concen: 2.732 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 73 Resp: 19918
Ion Ratio Lower Upper
73 100
43 9.5 13.4 20.2#





#25

Chloroform

Concen: 2.856 ug/l

RT: 7.965 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 83 Resp: 11428

Ion Ratio Lower Upper

83 100

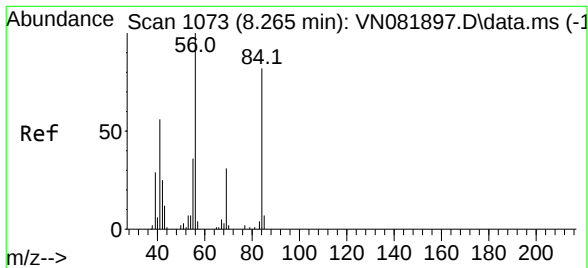
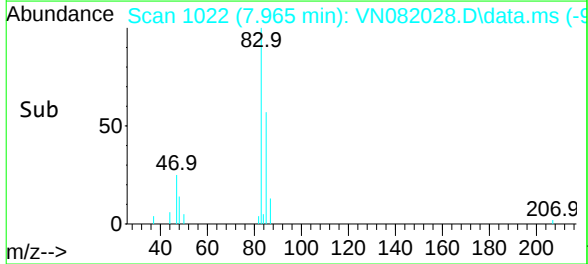
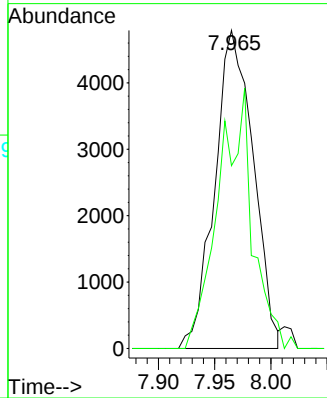
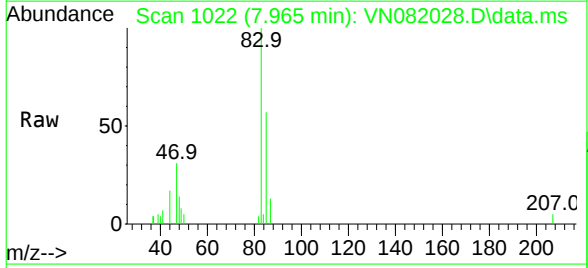
85 57.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#26

Cyclohexane

Concen: 3.153 ug/l m

RT: 8.253 min Scan# 1071

Delta R.T. -0.012 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

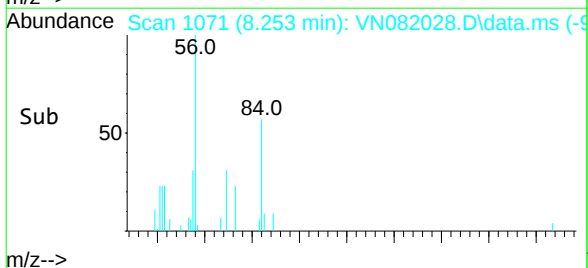
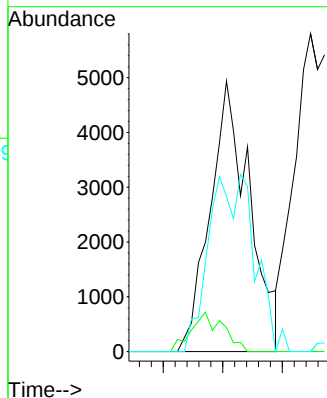
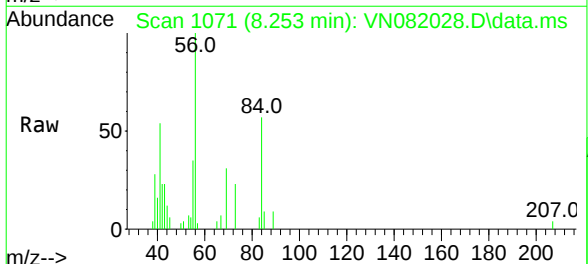
Tgt Ion: 56 Resp: 11340

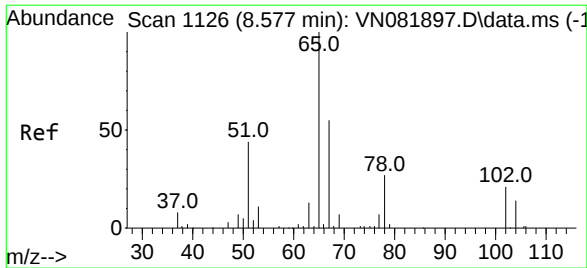
Ion Ratio Lower Upper

56 100

89 4.2 19.3 28.9#

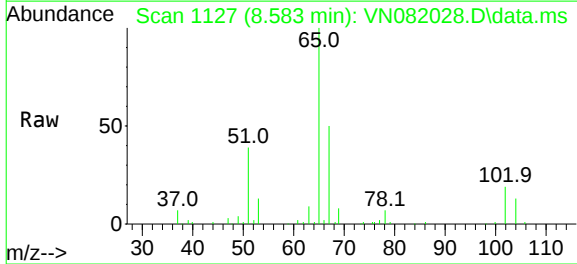
84 43.3 71.3 106.9#





#27
1,2-Dichloroethane-d4
Concen: 30.950 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

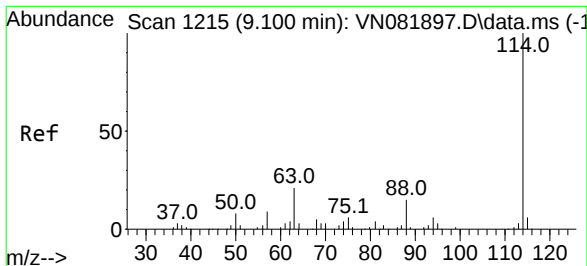
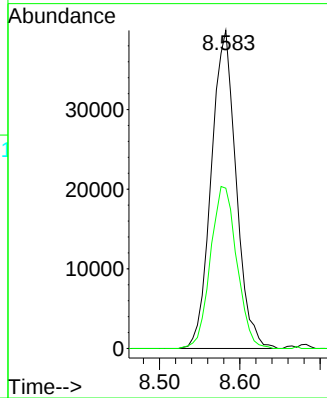
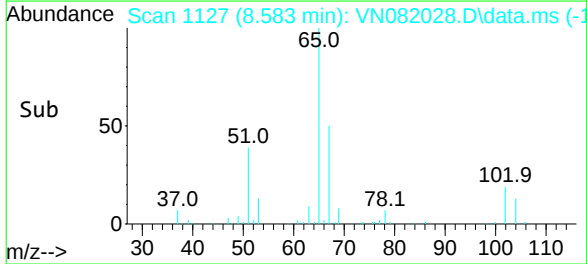
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



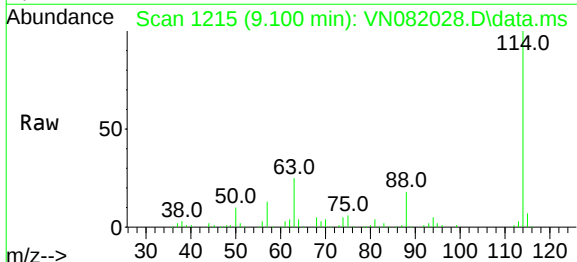
Tgt Ion: 65 Resp: 85858
Ion Ratio Lower Upper
65 100
67 54.0 43.2 64.8

Manual Integrations
APPROVED

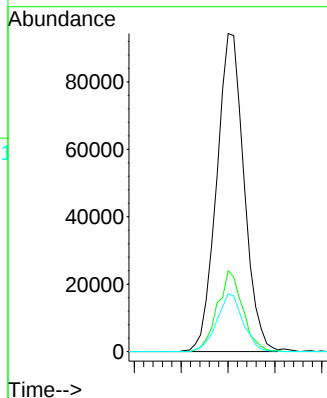
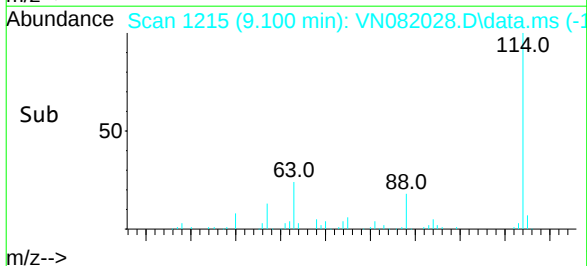
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

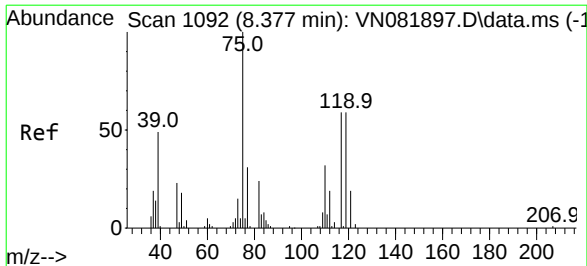


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57



Tgt Ion:114 Resp: 191749
Ion Ratio Lower Upper
114 100
63 23.4 15.9 23.9
88 17.3 12.7 19.1





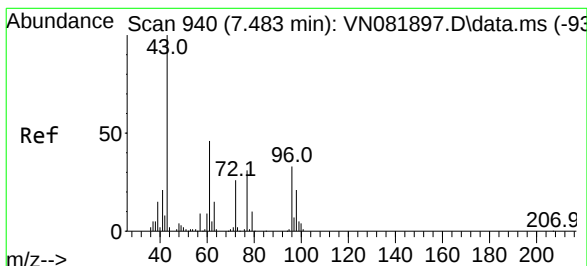
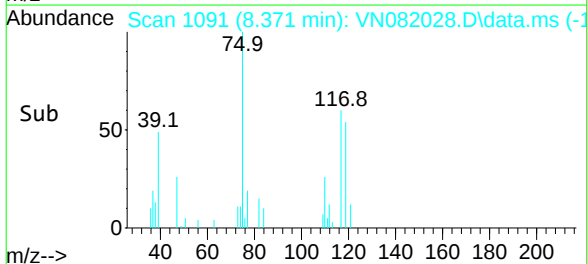
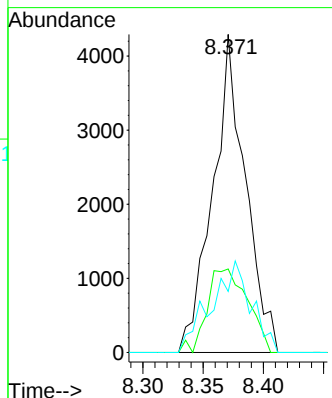
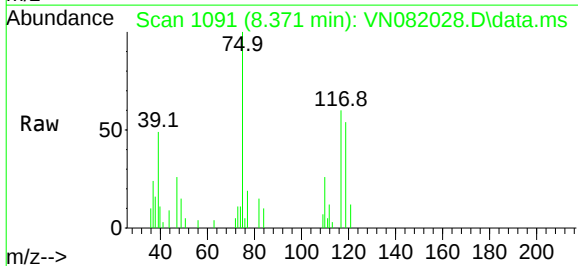
#29
1,1-Dichloropropene
Concen: 2.841 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 75	Resp: 8109
Ion Ratio	Lower Upper
75 100	
110 32.0	0.0 70.2
77 27.4	0.0 61.4

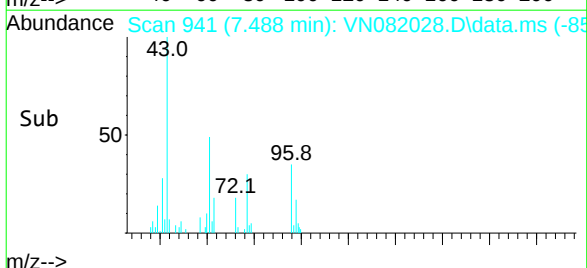
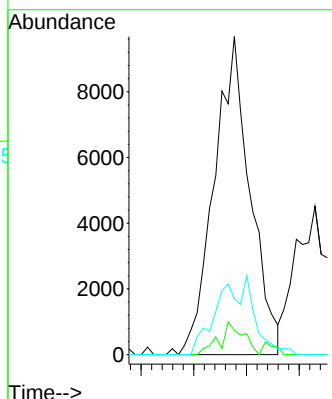
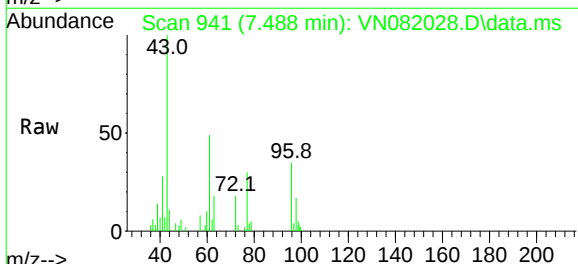
Manual Integrations
APPROVED

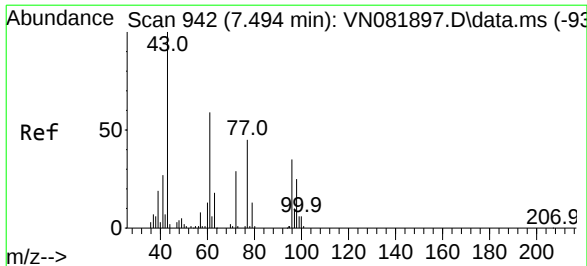
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#30
2-Butanone
Concen: 15.615 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 43	Resp: 22977
Ion Ratio	Lower Upper
43 100	
57 4.9	6.7 10.1#
72 16.4	24.0 36.0#





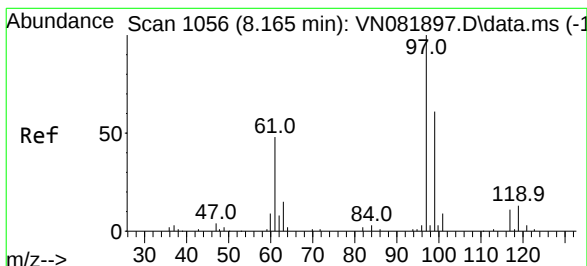
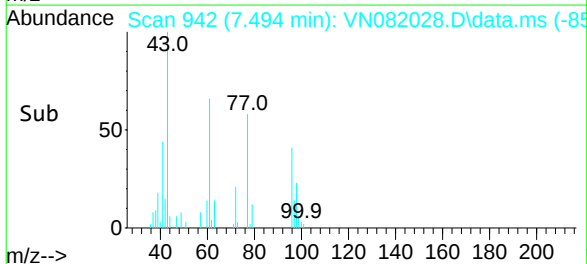
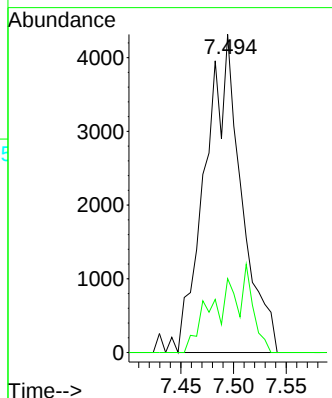
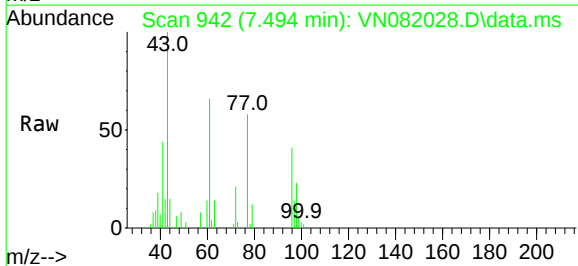
#31
2,2-Dichloropropane
Concen: 3.523 ug/l m
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 77 Resp: 10305
Ion Ratio Lower Upper
77 100
97 9.6 18.3 27.5#

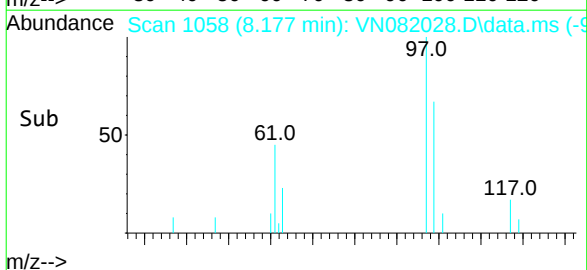
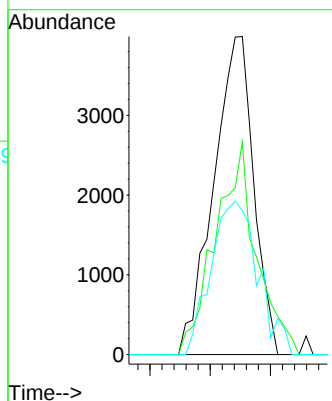
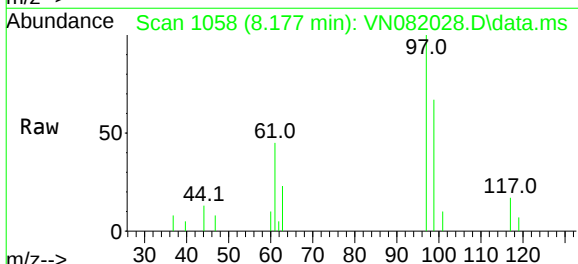
Manual Integrations
APPROVED

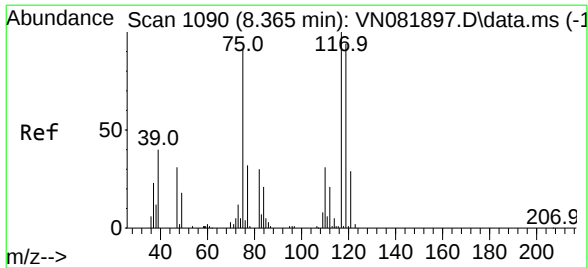
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#32
1,1,1-Trichloroethane
Concen: 2.810 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

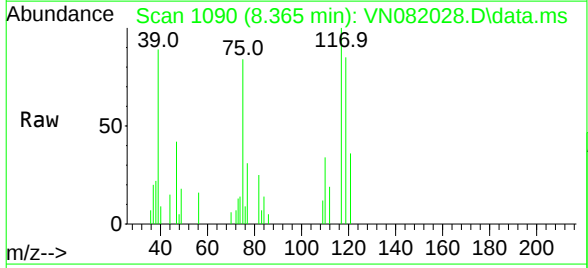
Tgt Ion: 97 Resp: 9227
Ion Ratio Lower Upper
97 100
99 38.5 51.0 76.4#
61 53.8 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 2.839 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

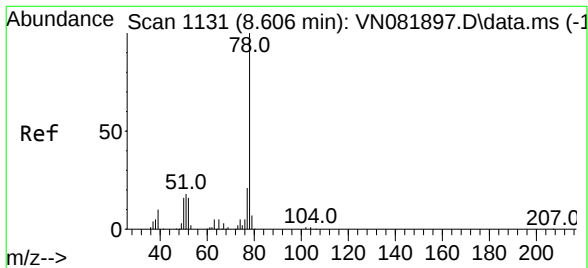
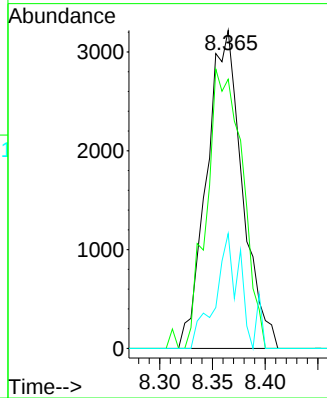
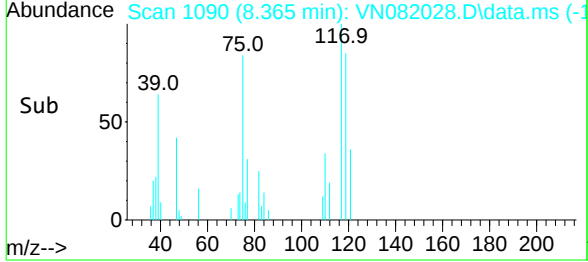
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



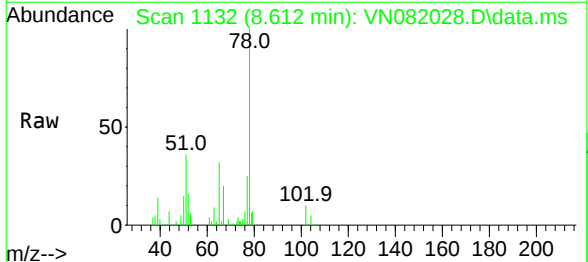
Tgt Ion: 117 Resp: 7564
Ion Ratio Lower Upper
117 100
119 84.6 77.7 116.5
121 36.1 27.0 40.6

Manual Integrations
APPROVED

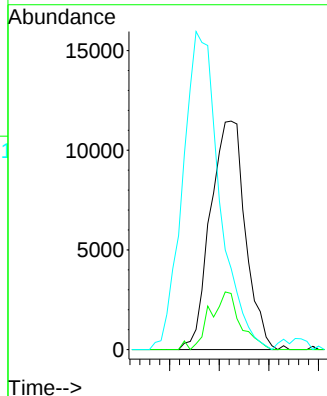
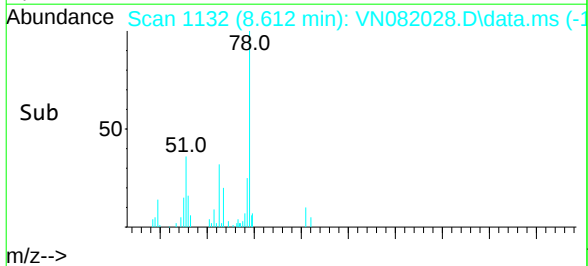
Reviewed By : John Carlone 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024

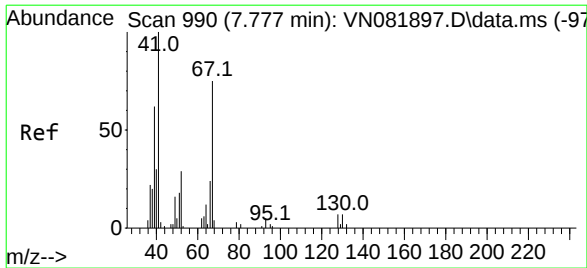


#34
Benzene
Concen: 3.082 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57



Tgt Ion: 78 Resp: 28072
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8
51 32.8 13.3 19.9#





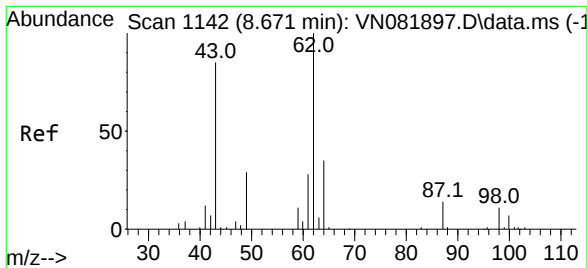
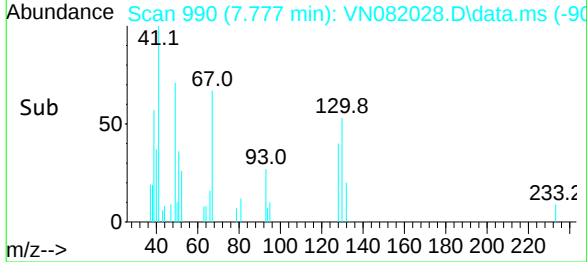
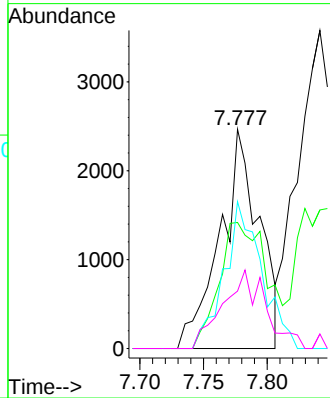
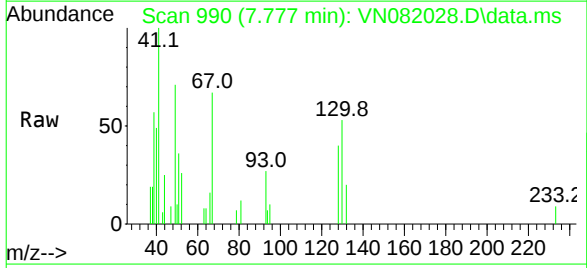
#35
Methacrylonitrile
Concen: 2.824 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	41	Resp:	5257
Ion	Ratio	Lower	Upper
41	100		
39	57.5	25.3	75.9
67	67.0	38.7	116.1
52	26.2	13.6	40.8

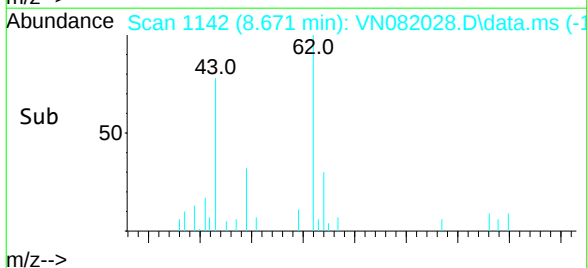
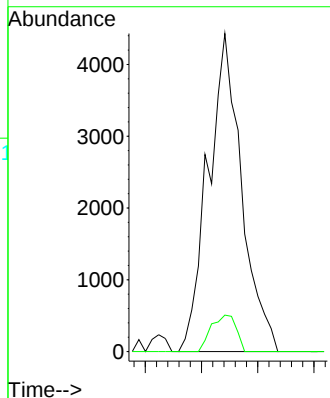
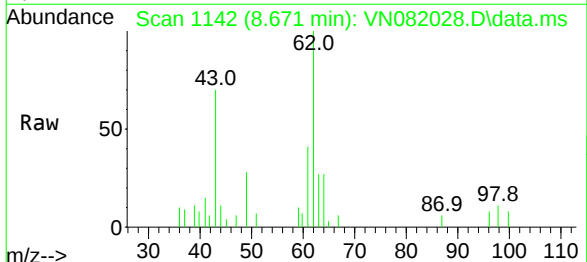
Manual Integrations
APPROVED

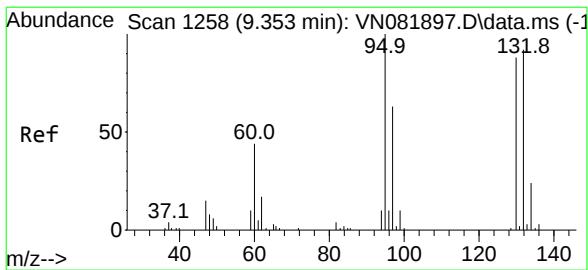
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#36
1,2-Dichloroethane
Concen: 3.000 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

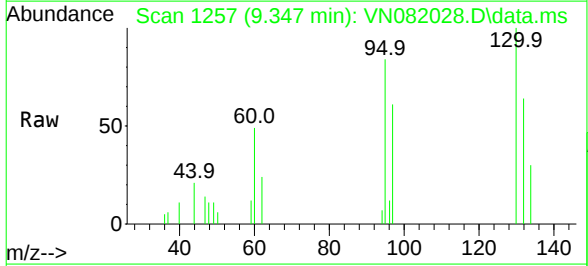
Tgt Ion:	62	Resp:	9171
Ion	Ratio	Lower	Upper
62	100		
98	8.5	8.2	12.4





#37
 Trichloroethene
 Concen: 2.557 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. -0.006 min
 Lab File: VN082028.D
 Acq: 08 May 2024 11:57

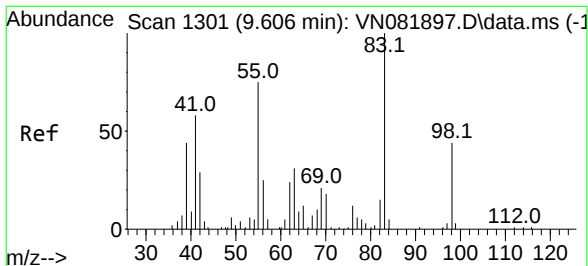
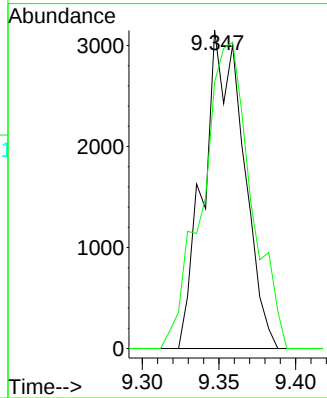
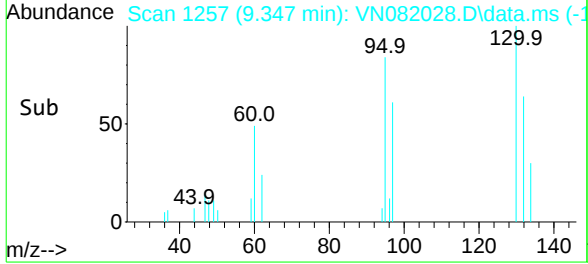
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024



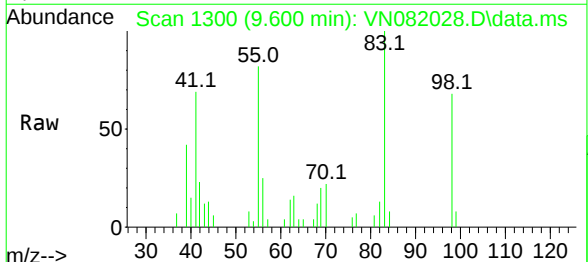
Tgt Ion: 130 Resp: 5703
 Ion Ratio Lower Upper
 130 100
 95 72.4 80.2 120.4

Manual Integrations
 APPROVED

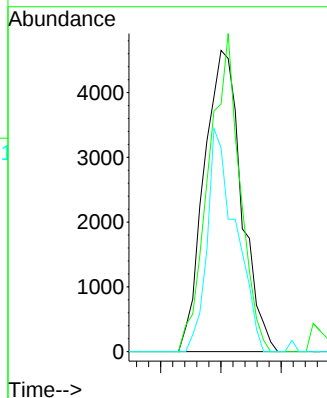
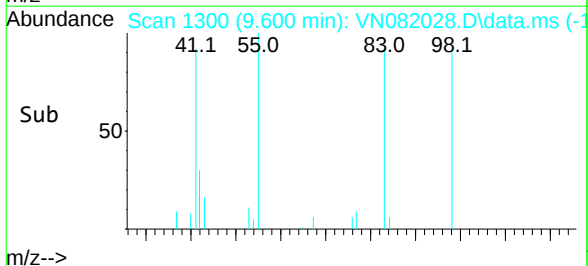
Reviewed By :John Carlone 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

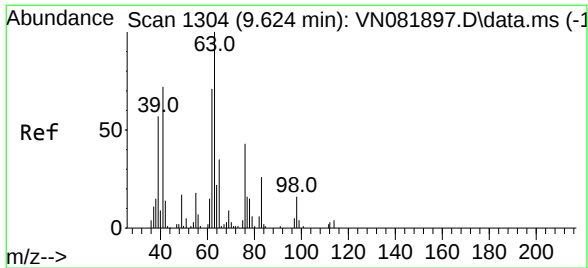


#38
 Methylcyclohexane
 Concen: 2.915 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.006 min
 Lab File: VN082028.D
 Acq: 08 May 2024 11:57



Tgt Ion: 83 Resp: 10051
 Ion Ratio Lower Upper
 83 100
 55 87.9 36.6 109.9
 98 56.2 23.8 71.5





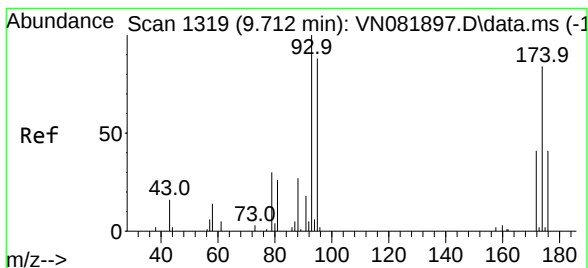
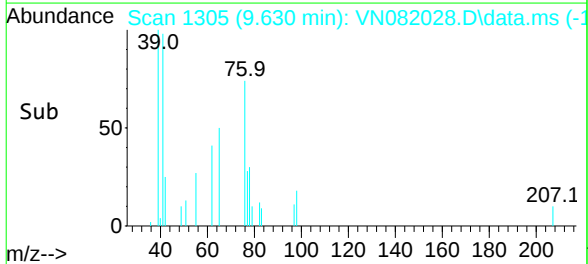
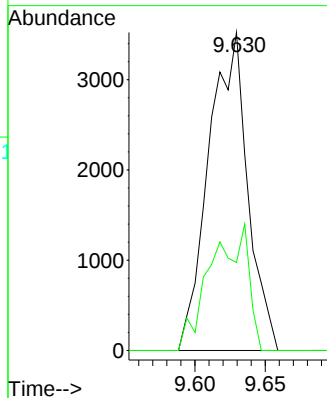
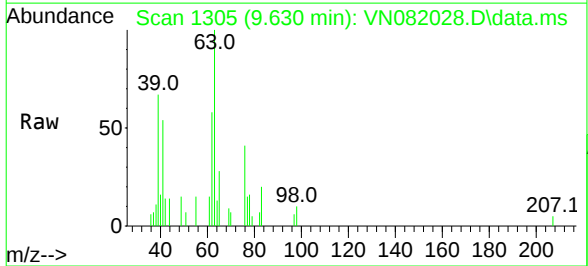
#39
1,2-Dichloropropane
Concen: 2.899 ug/l
RT: 9.630 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 6775
Ion Ratio Lower Upper
63 100
65 27.6 25.0 37.4

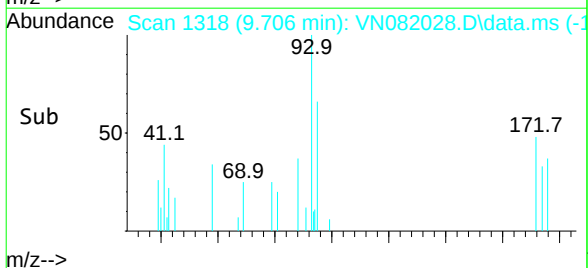
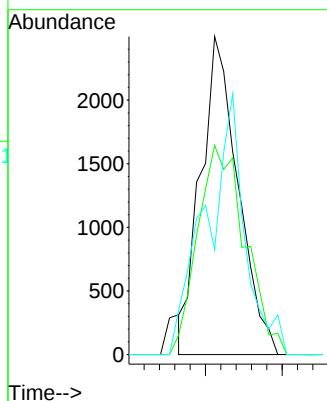
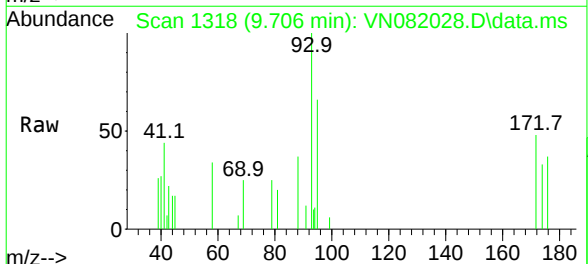
Manual Integrations
APPROVED

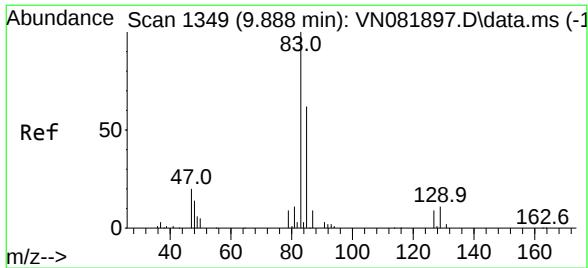
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#40
Dibromomethane
Concen: 2.818 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 93 Resp: 4231
Ion Ratio Lower Upper
93 100
95 83.6 0.0 164.6
174 34.0 0.0 193.2





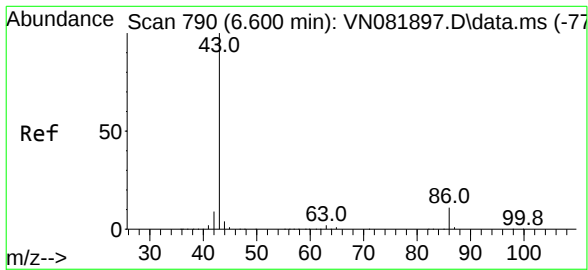
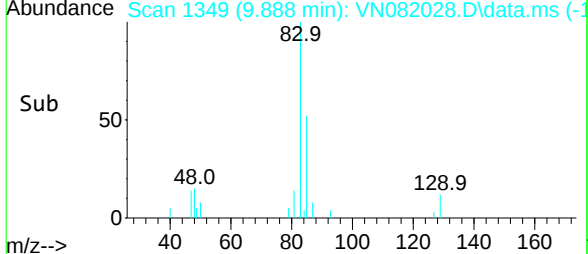
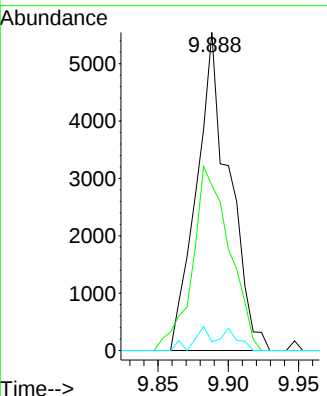
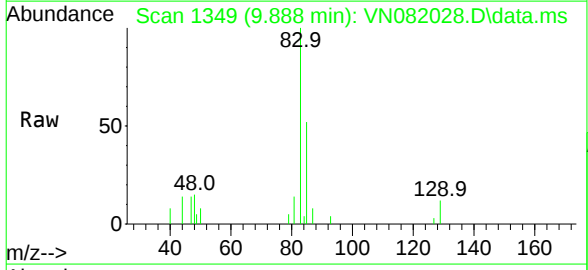
#41
Bromodichloromethane
Concen: 2.797 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 83	Resp: 8974
Ion Ratio	Lower Upper
83 100	
85 51.9	49.4 74.2
127 2.8	7.3 10.9

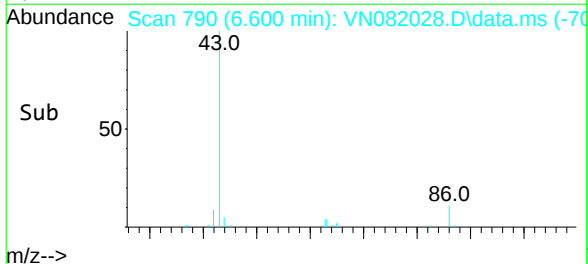
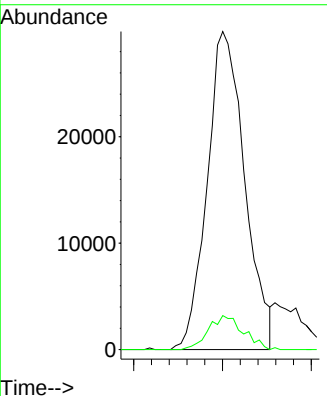
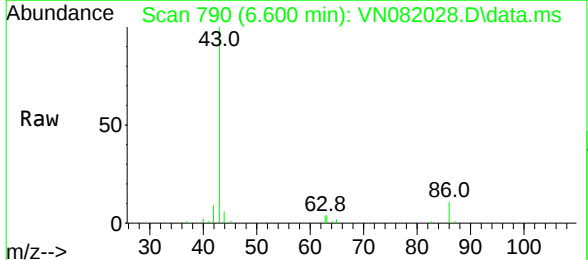
Manual Integrations
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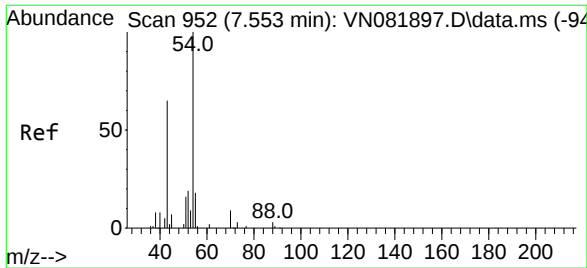
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
Vinyl Acetate
Concen: 14.028 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 43	Resp: 87863
Ion Ratio	Lower Upper
43 100	
86 8.4	9.4 14.2





#43

Ethyl Acetate

Concen: 3.396 ug/l m

RT: 7.565 min Scan# 95

Delta R.T. 0.012 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 10897

Ion Ratio Lower Upper

43 100

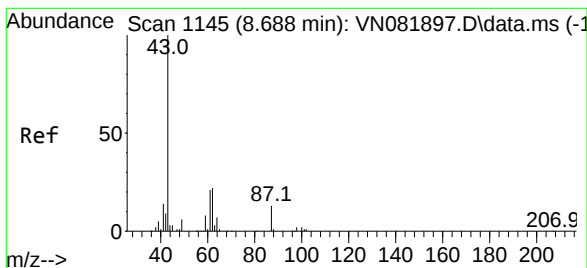
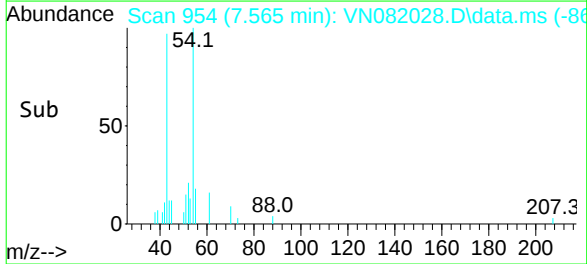
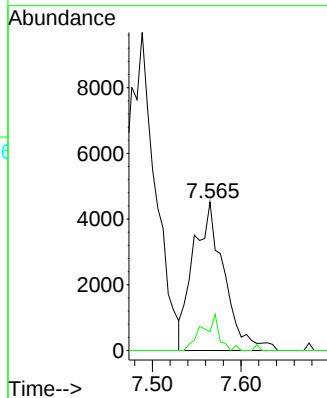
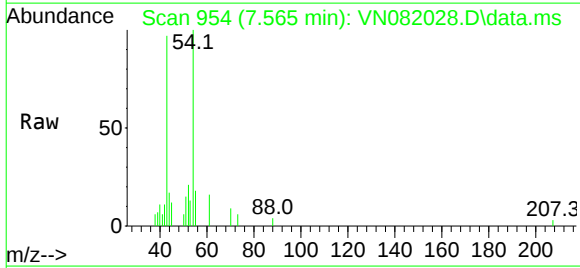
45 8.0 10.6 15.8#

Manual Integrations

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Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#44

Isopropyl Acetate

Concen: 2.904 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082028.D

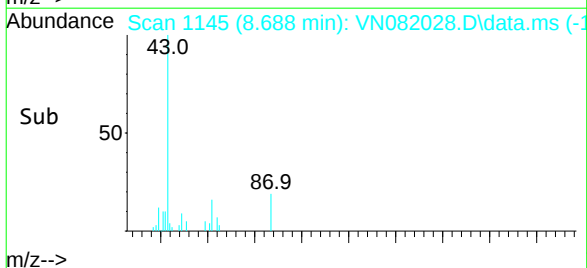
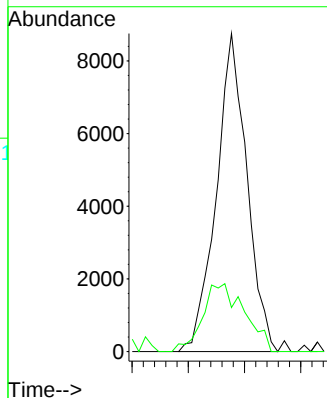
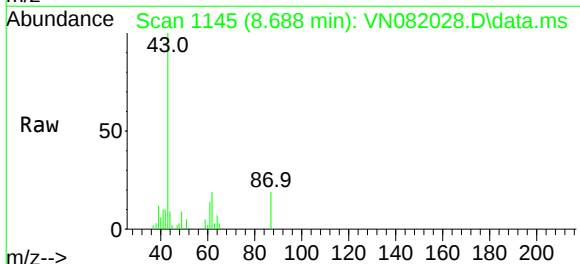
Acq: 08 May 2024 11:57

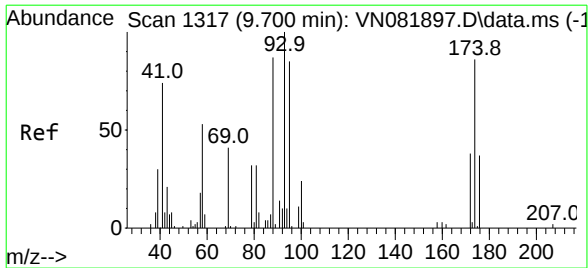
Tgt Ion: 43 Resp: 16539

Ion Ratio Lower Upper

43 100

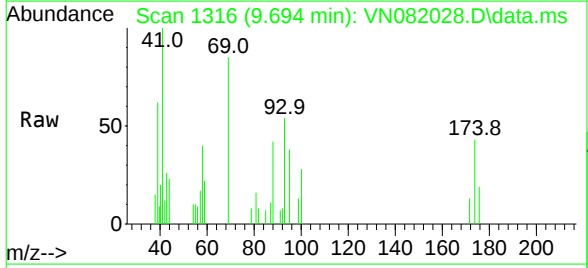
61 19.6 25.0 37.4#





#45
1,4-Dioxane
Concen: 49.870 ug/l m
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

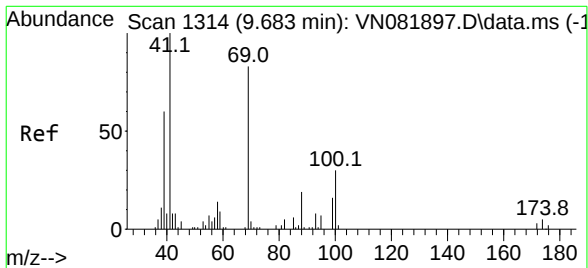
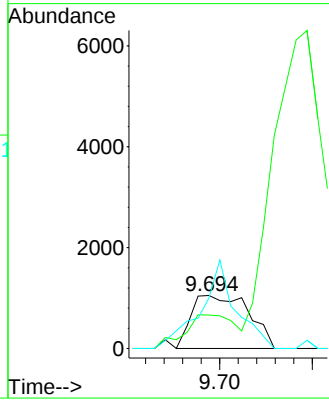
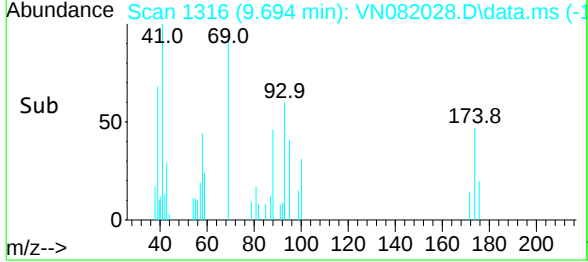
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



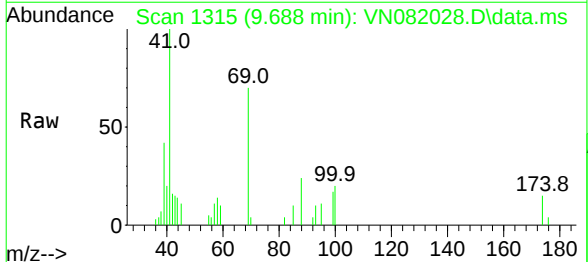
Tgt Ion: 88 Resp: 2278
Ion Ratio Lower Upper
88 100
43 55.8 19.8 29.6
58 102.3 55.4 83.0

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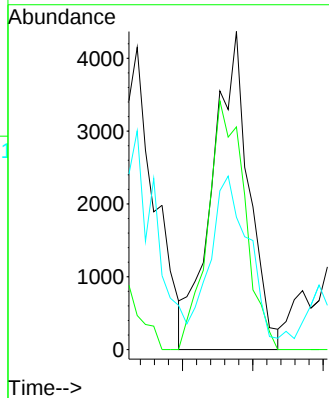
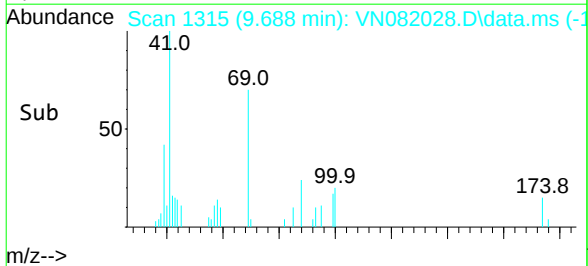
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

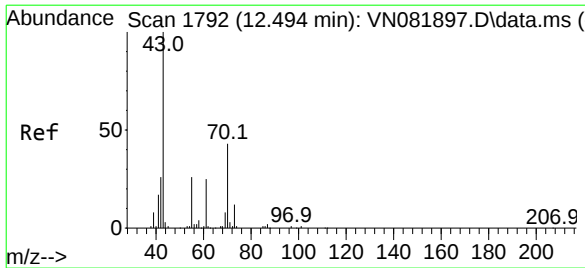


#46
Methyl methacrylate
Concen: 3.040 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57



Tgt Ion: 41 Resp: 7911
Ion Ratio Lower Upper
41 100
69 74.8 51.1 153.3
39 40.7 25.8 77.3





#47

n-amy1 Acetate

Concen: 2.732 ug/l

RT: 12.494 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 14037

Ion Ratio Lower Upper

43 100

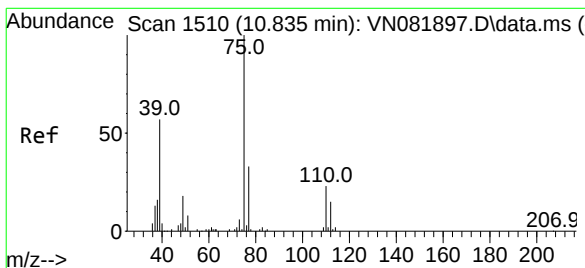
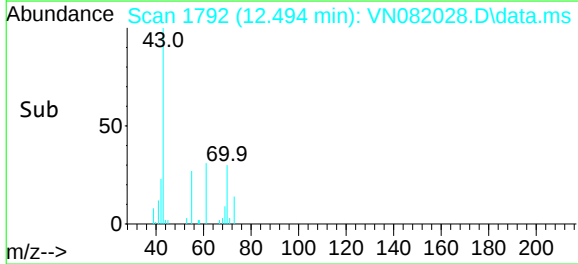
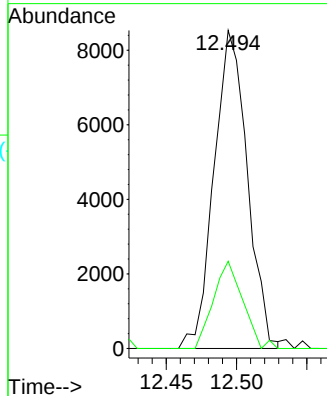
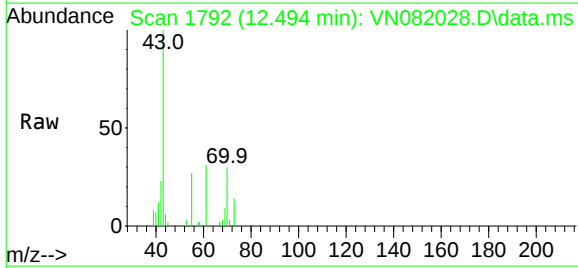
55 23.7 23.4 35.2

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Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#48

t-1,3-Dichloropropene

Concen: 2.719 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VN082028.D

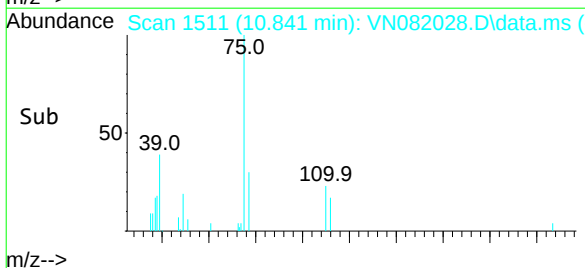
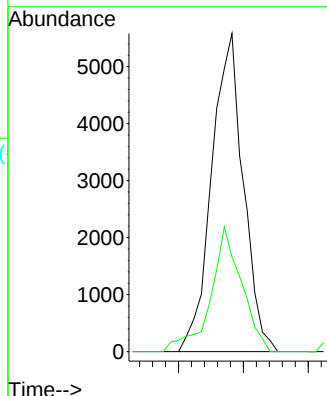
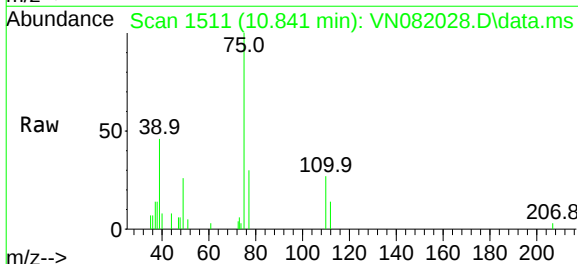
Acq: 08 May 2024 11:57

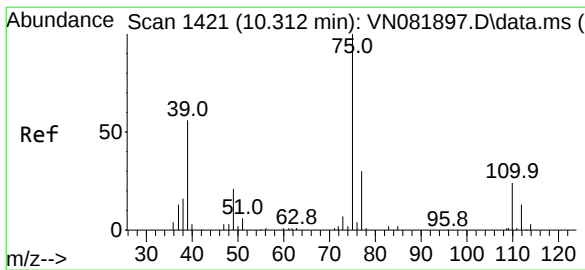
Tgt Ion: 75 Resp: 9461

Ion Ratio Lower Upper

75 100

77 29.8 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 2.943 ug/l

RT: 10.318 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

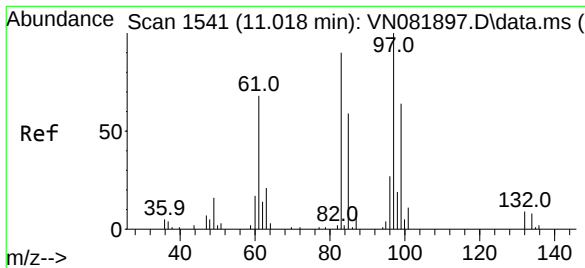
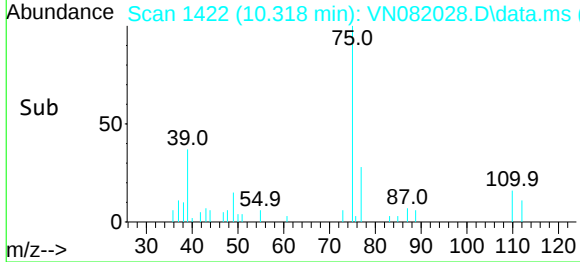
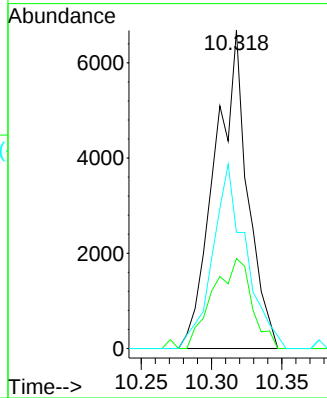
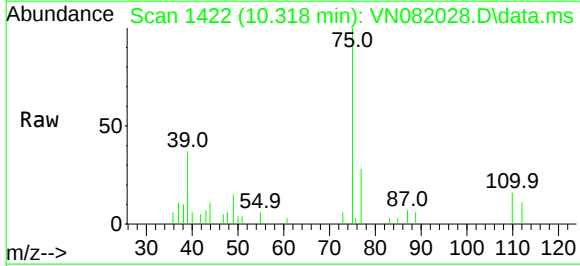
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 75	Resp: 10828
Ion Ratio	Lower Upper
75 100	
77 27.4	24.9 37.3
39 35.4	31.0 46.6

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Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#50

1,1,2-Trichloroethane

Concen: 2.963 ug/l

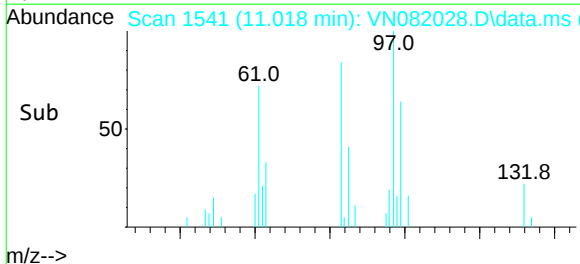
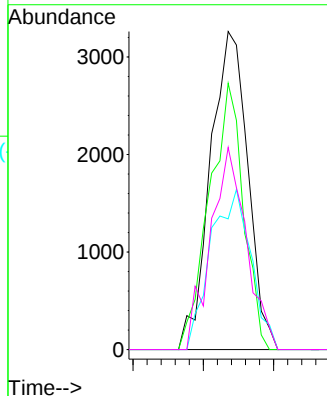
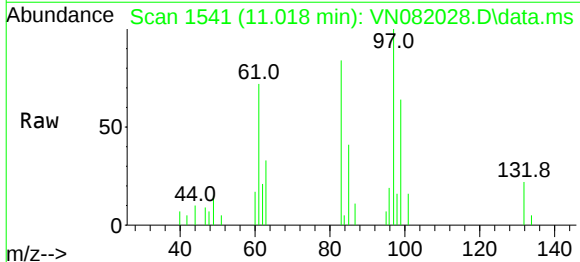
RT: 11.018 min Scan# 1541

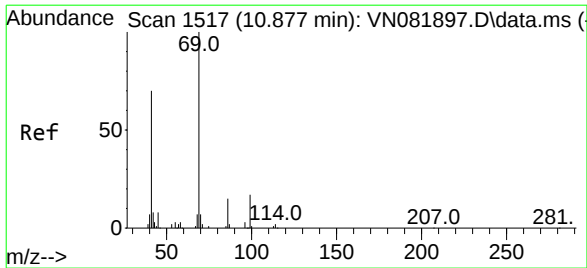
Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion: 97	Resp: 6035
Ion Ratio	Lower Upper
97 100	
83 83.7	68.1 102.1
85 41.1	41.8 62.6#
99 63.5	47.0 70.4





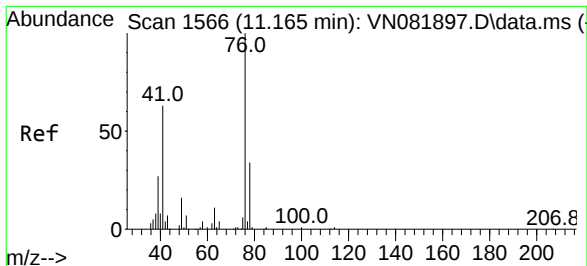
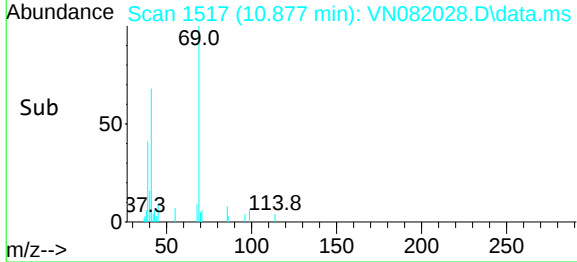
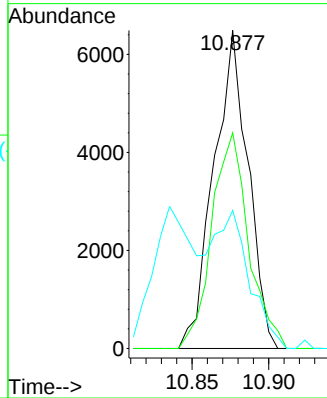
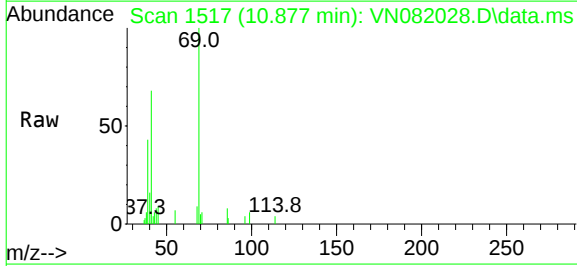
#51
Ethyl methacrylate
Concen: 2.618 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	25.5	76.5
39	39.9	16.0	47.9

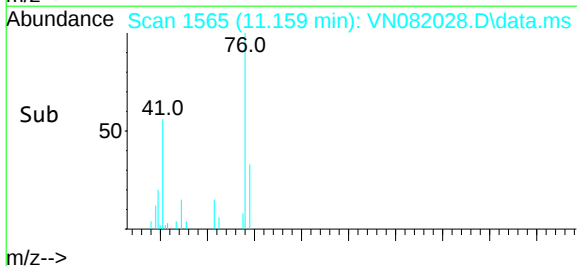
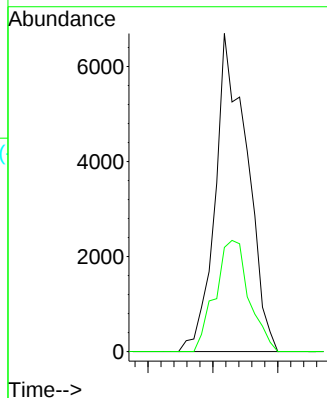
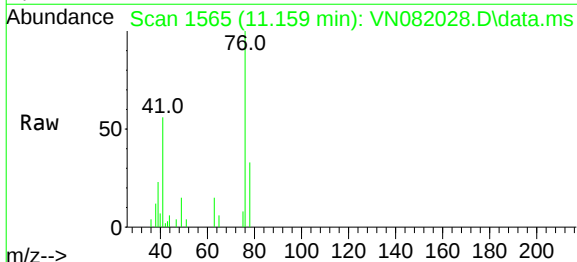
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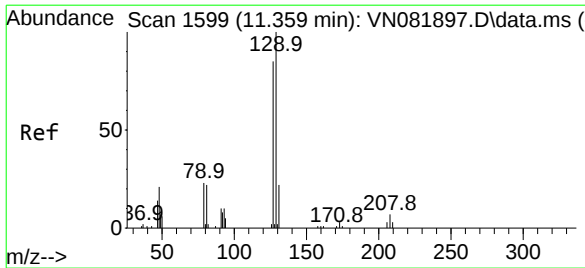
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#52
1,3-Dichloropropane
Concen: 3.055 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion	Ratio	Lower	Upper
76	100		
78	37.1	0.0	65.8





#53

Dibromochloromethane

Concen: 2.616 ug/l

RT: 11.359 min Scan# 15

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

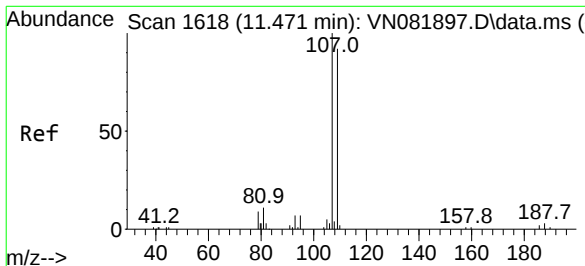
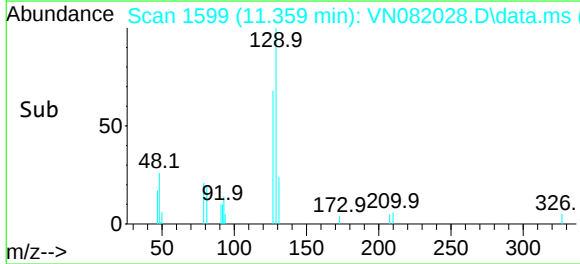
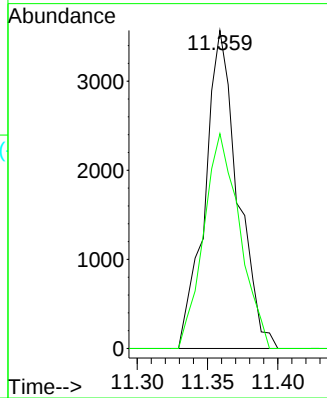
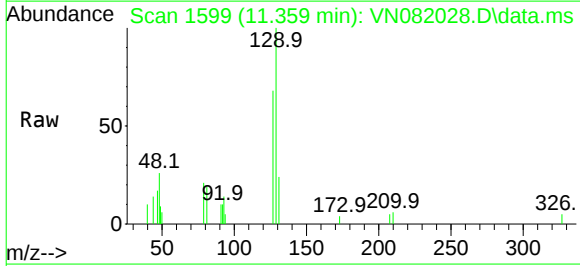
Tgt Ion:129 Resp: 5797
 Ion Ratio Lower Upper
 129 100
 127 74.2 39.4 118.1

Manual Integrations

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Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#54

1,2-Dibromoethane

Concen: 2.988 ug/l

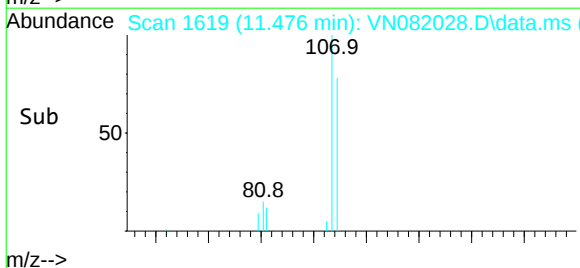
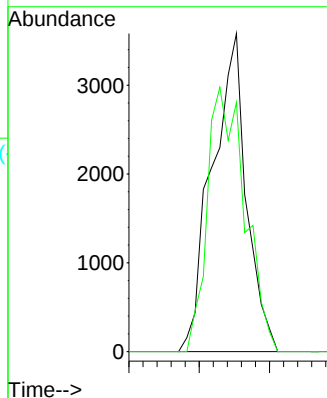
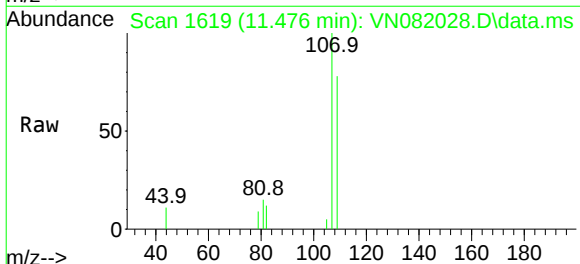
RT: 11.476 min Scan# 1619

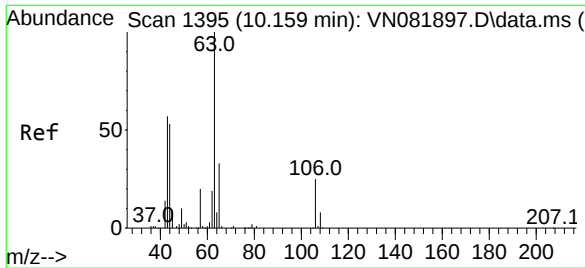
Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:107 Resp: 6070
 Ion Ratio Lower Upper
 107 100
 109 90.8 74.7 112.1





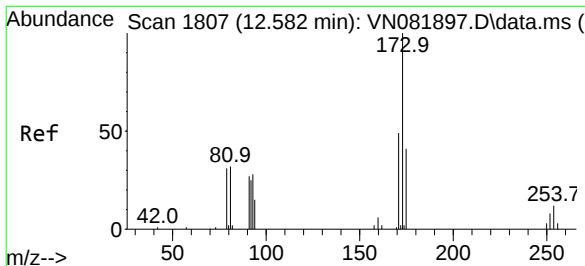
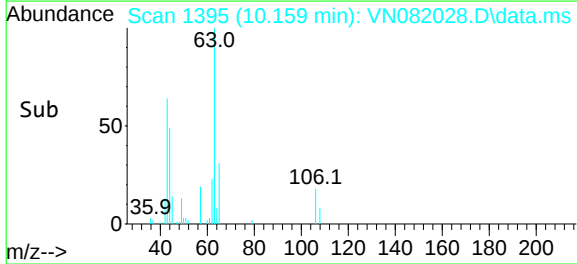
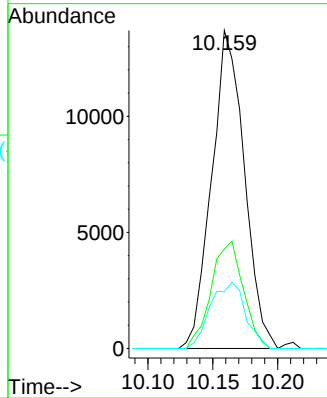
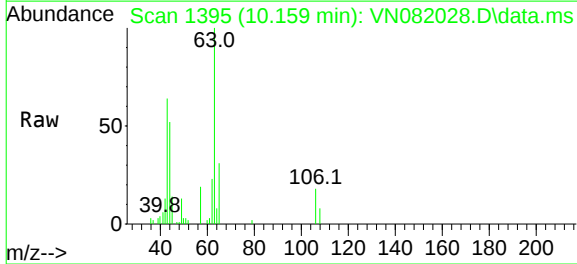
#55
2-Chloroethyl vinyl ether
Concen: 12.470 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	63	Resp:	23969
Ion	Ratio	Lower	Upper
63	100		
65	33.3	26.2	39.2
106	22.3	23.8	35.8#

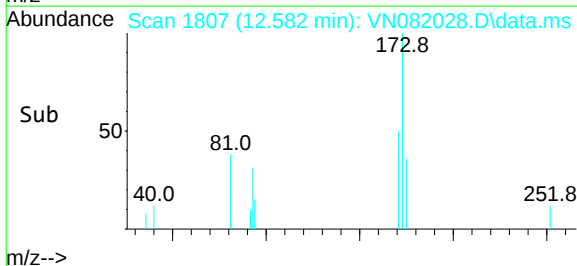
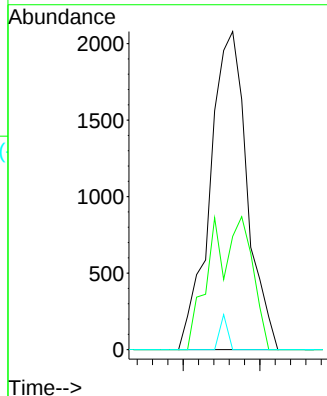
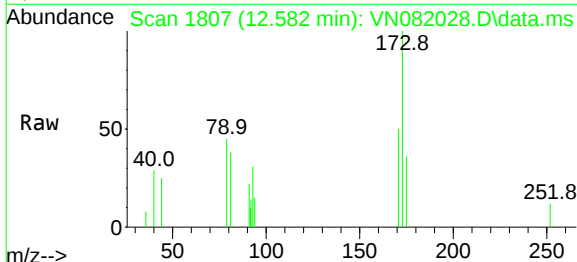
Manual Integrations
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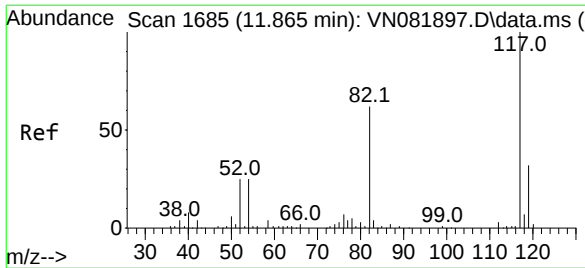
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#56
Bromoform
Concen: 2.583 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:	173	Resp:	3483
Ion	Ratio	Lower	Upper
173	100		
175	25.5	40.0	60.0#
254	0.0	8.3	12.5#





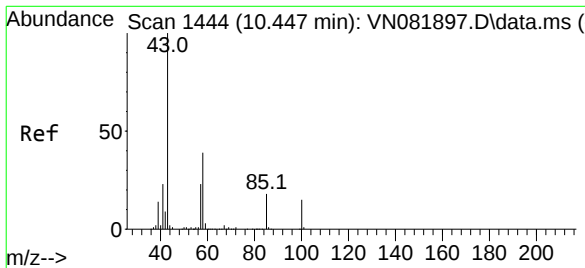
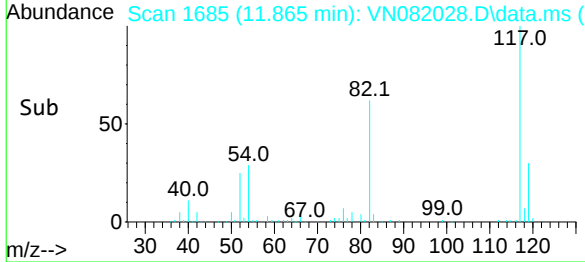
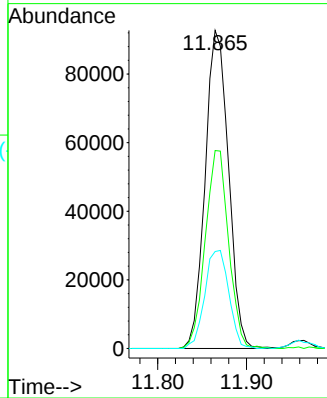
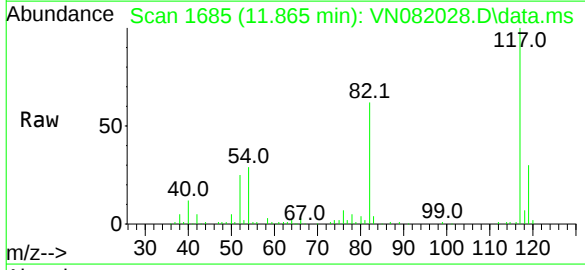
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:	117	Resp:	169643
Ion	Ratio	Lower	Upper
117	100		
82	61.8	46.6	69.8
119	31.7	25.4	38.2

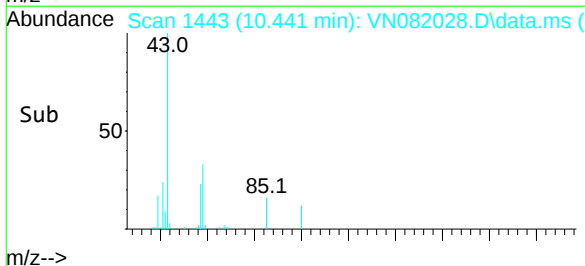
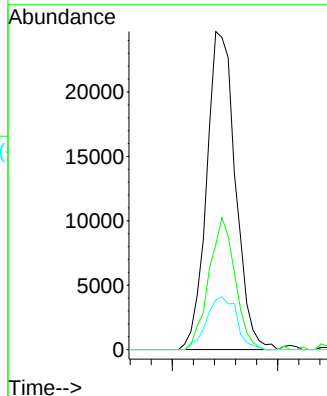
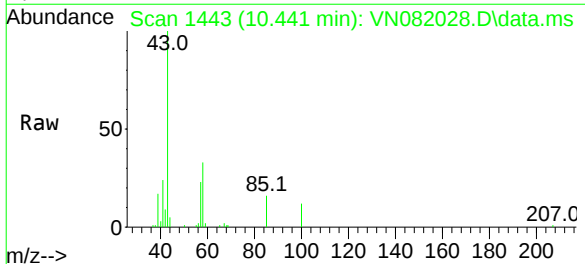
Manual Integrations
APPROVED

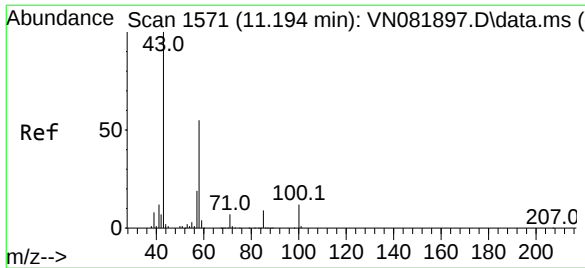
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#58
4-Methyl-2-Pentanone
Concen: 14.211 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:	43	Resp:	46811
Ion	Ratio	Lower	Upper
43	100		
58	37.6	36.5	54.7
85	17.5	19.5	29.3#





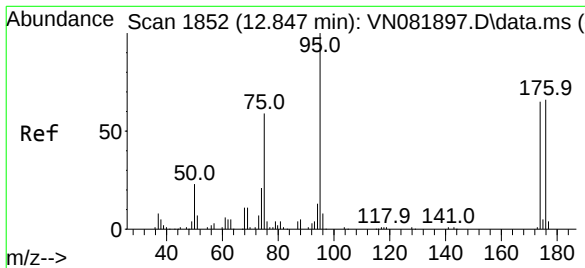
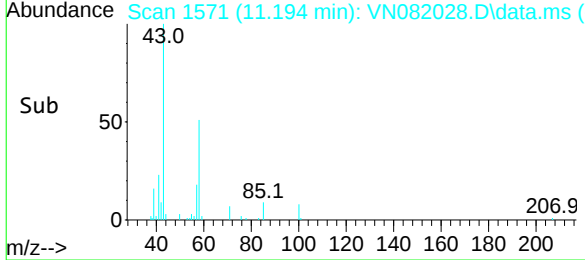
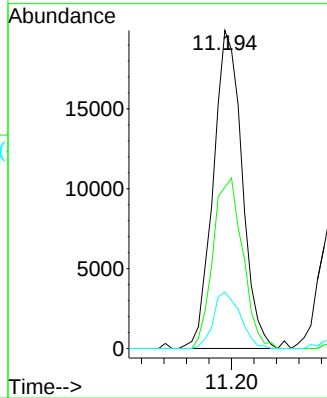
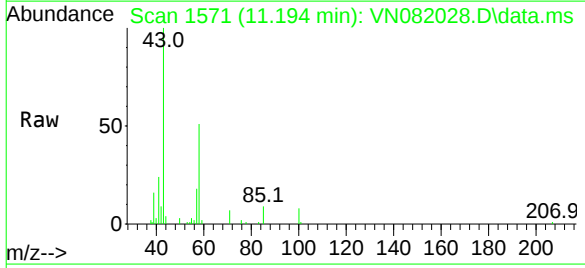
#59
2-Hexanone
Concen: 14.502 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 43	Resp: 35419
Ion Ratio	Lower Upper
43 100	
58 55.3	50.4 75.6
57 16.6	18.6 27.8

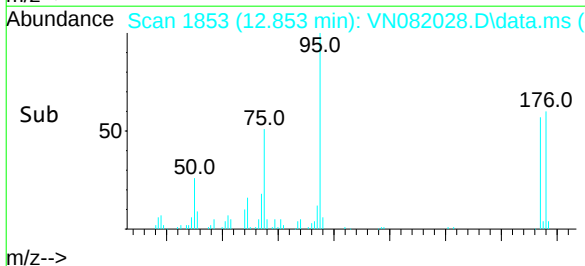
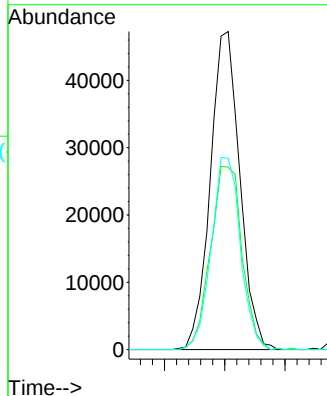
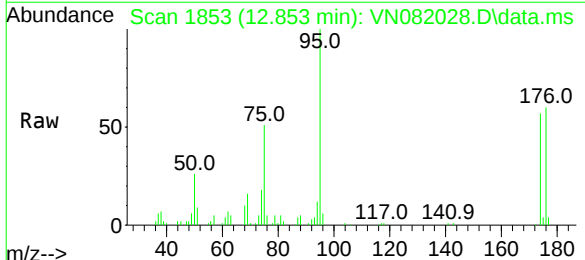
Manual Integrations
APPROVED

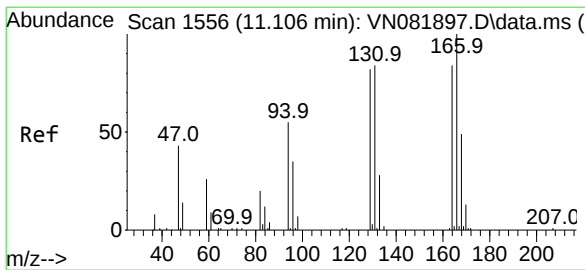
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#60
4-Bromofluorobenzene
Concen: 28.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 95	Resp: 80506
Ion Ratio	Lower Upper
95 100	
174 61.2	60.5 90.7
176 59.6	57.8 86.6





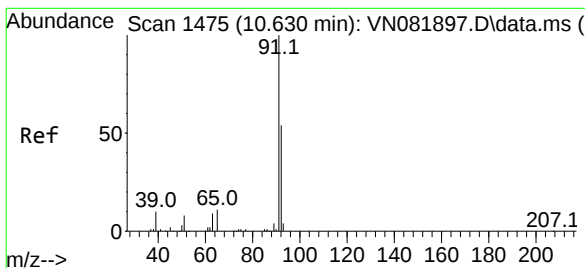
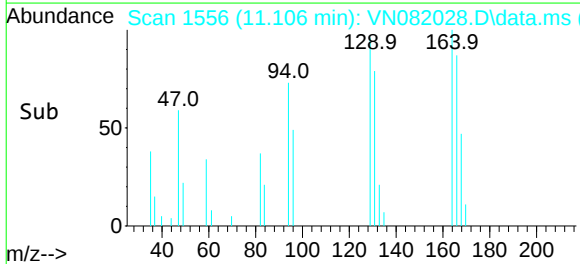
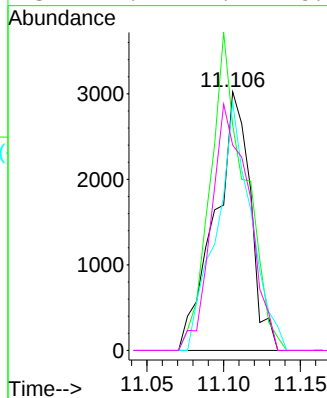
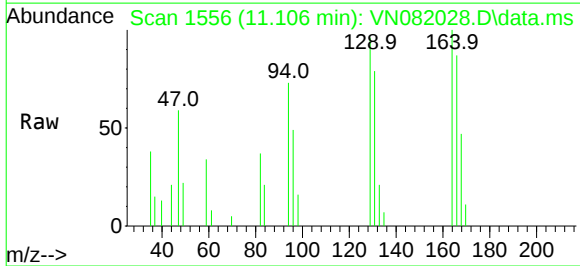
#61
Tetrachloroethene
Concen: 2.583 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 164 Resp: 4862
Ion Ratio Lower Upper
164 100
166 87.1 106.7 160.1#
129 95.8 85.8 128.6
131 79.4 79.1 118.7

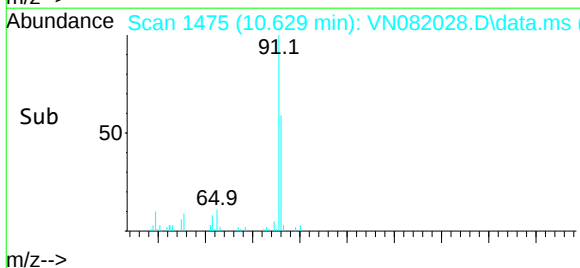
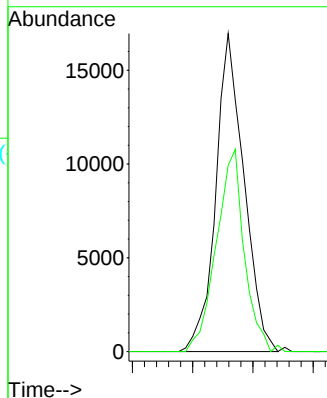
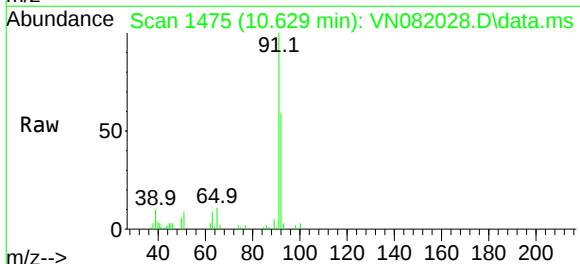
Manual Integrations
APPROVED

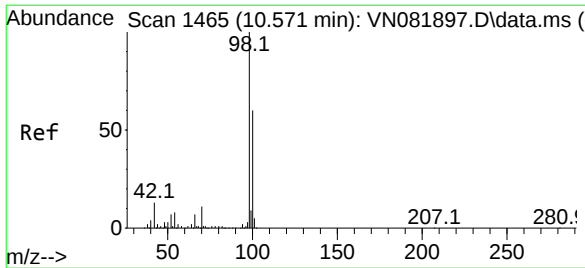
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#62
Toluene
Concen: 2.893 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 91 Resp: 27611
Ion Ratio Lower Upper
91 100
92 62.6 46.5 69.7





#63

Toluene-d8

Concen: 30.670 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 98 Resp: 247091

Ion Ratio Lower Upper

98 100

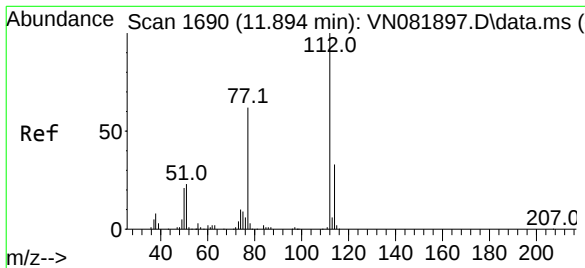
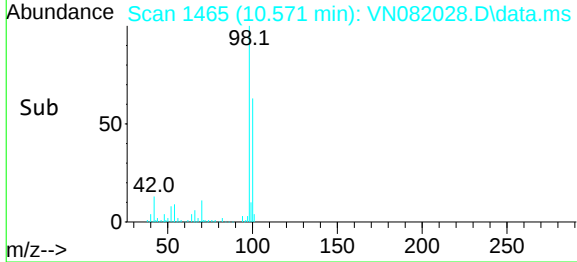
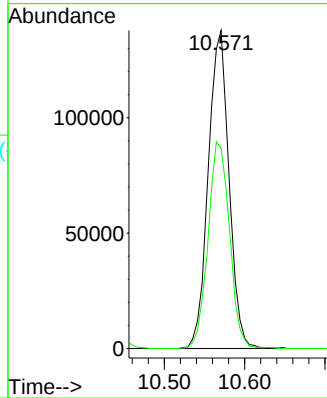
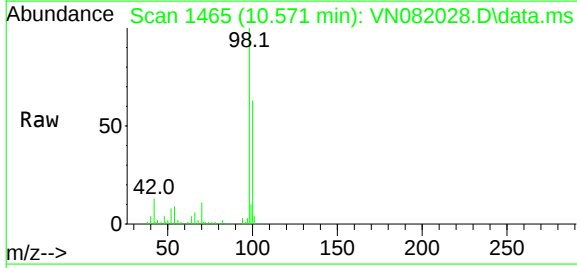
100 67.3 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#64

Chlorobenzene

Concen: 2.689 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN082028.D

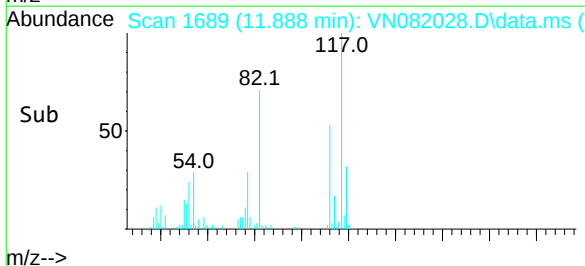
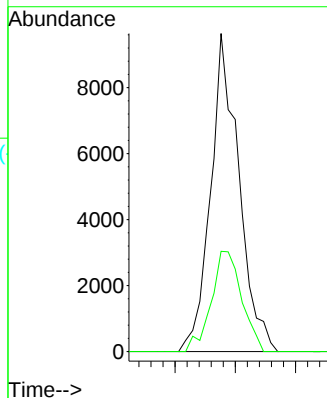
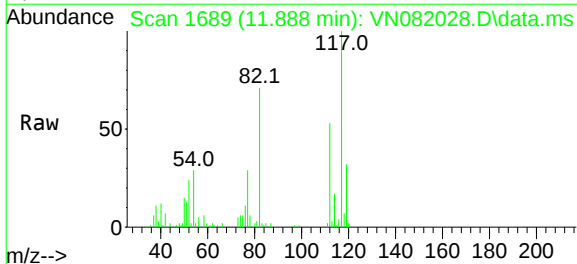
Acq: 08 May 2024 11:57

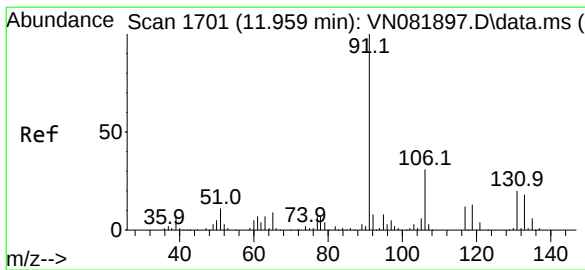
Tgt Ion:112 Resp: 15699

Ion Ratio Lower Upper

112 100

114 31.5 26.6 39.8





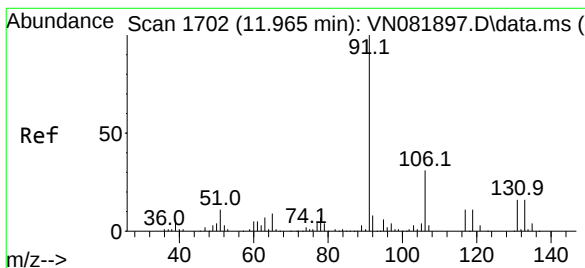
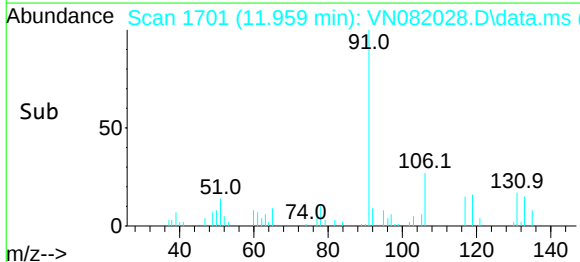
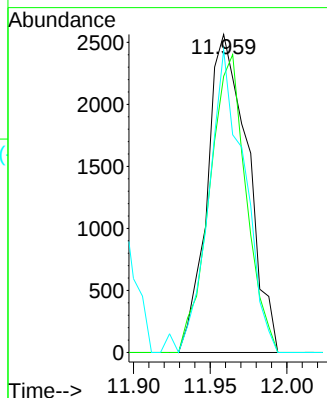
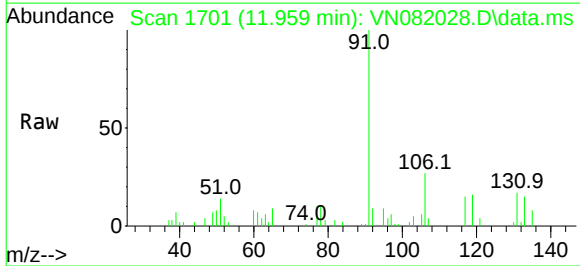
#65
1,1,1,2-Tetrachloroethane
Concen: 2.465 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
131	100		
133	84.6	0.0	188.0
119	82.8	0.0	122.8

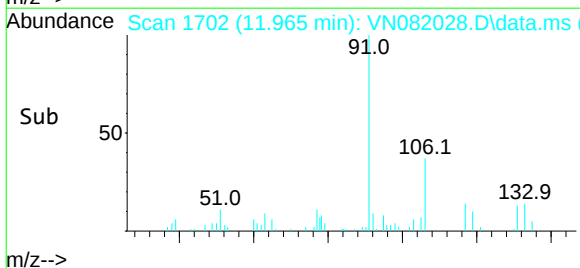
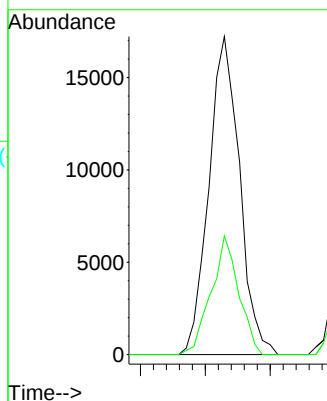
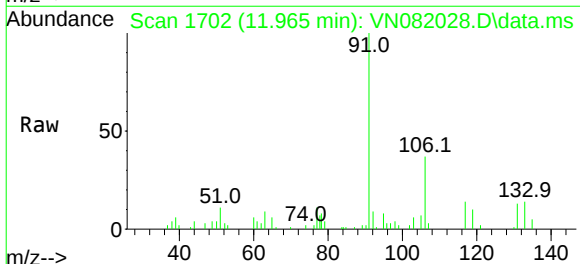
Manual Integrations
APPROVED

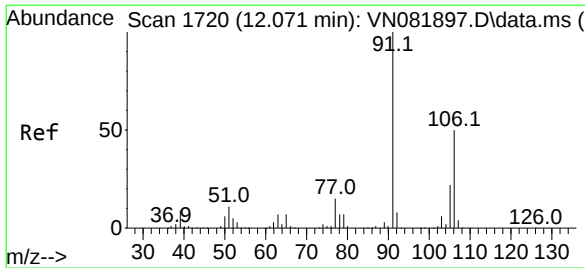
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#66
Ethyl Benzene
Concen: 2.707 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
106	37.3	24.4	36.6





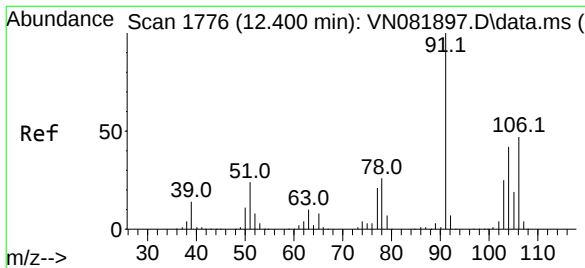
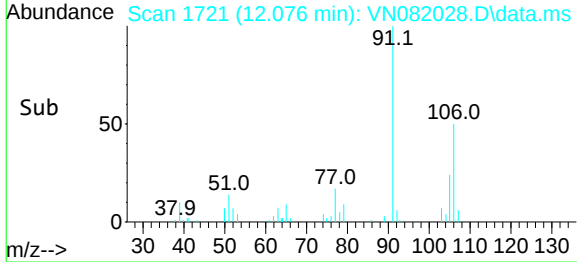
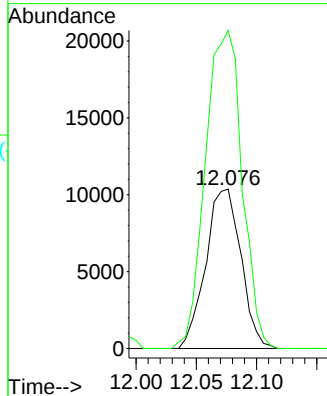
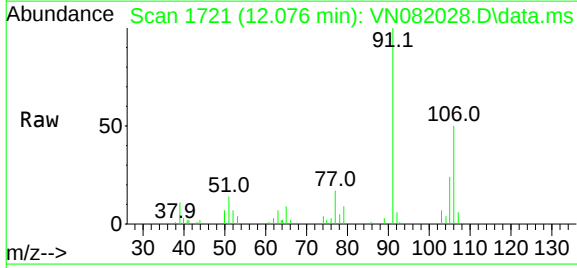
#67
m/p-Xylenes
Concen: 5.431 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:106 Resp: 21066
Ion Ratio Lower Upper
106 100
91 207.9 166.6 249.8

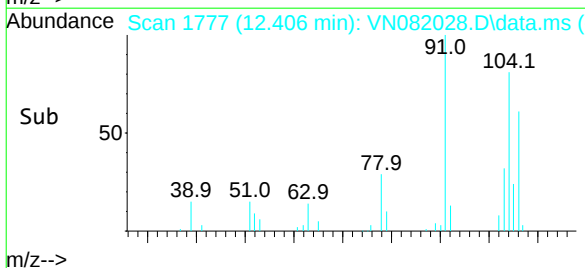
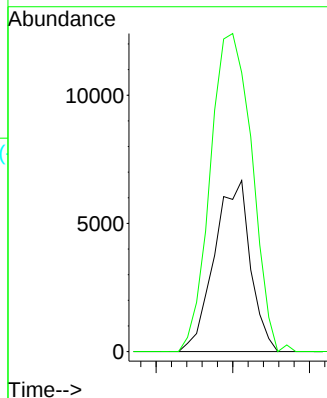
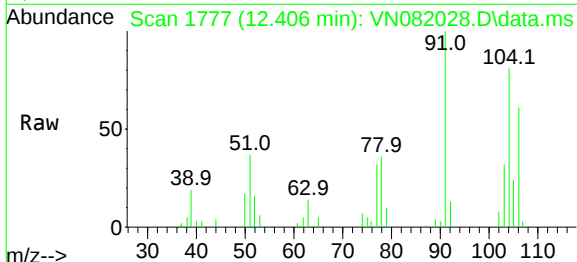
Manual Integrations
APPROVED

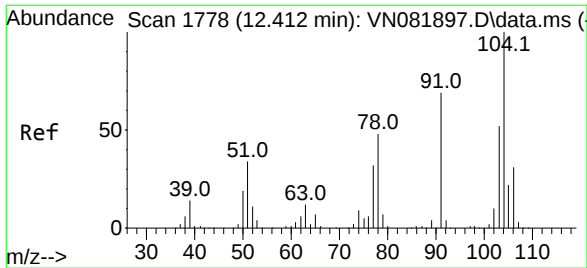
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#68
o-Xylene
Concen: 2.832 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:106 Resp: 10869
Ion Ratio Lower Upper
106 100
91 214.2 110.0 330.0





#69

Styrene

Concen: 2.484 ug/l

RT: 12.418 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

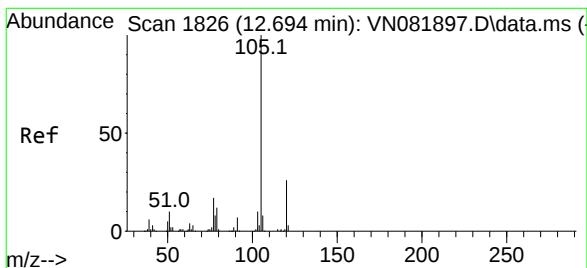
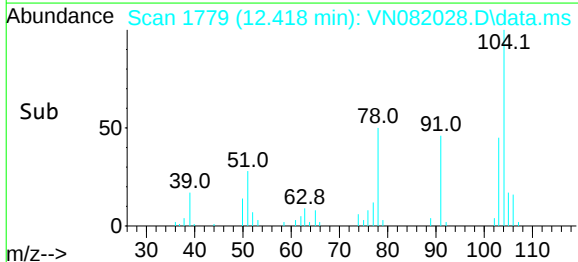
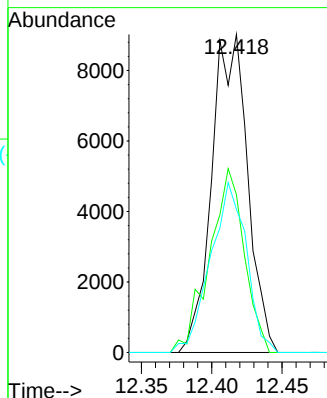
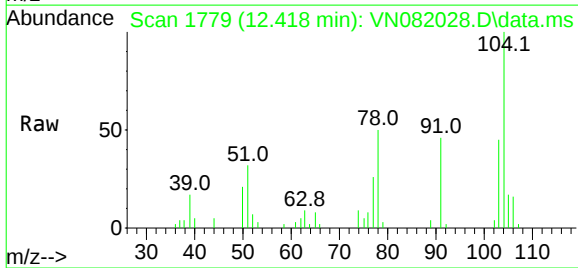
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	104	Resp:	16002
Ion Ratio	Lower	Upper	
104	100		
78	56.0	42.6	64.0
103	53.5	43.7	65.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#70

Isopropylbenzene

Concen: 2.515 ug/l

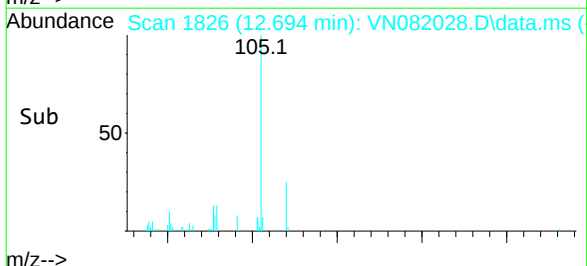
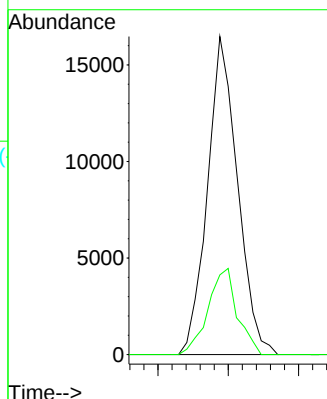
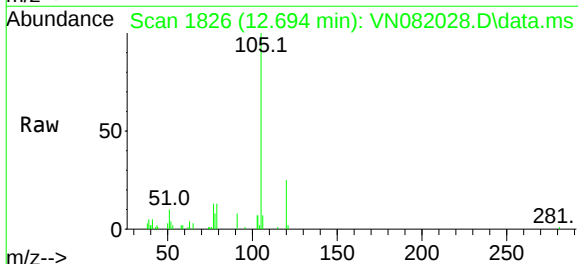
RT: 12.694 min Scan# 1826

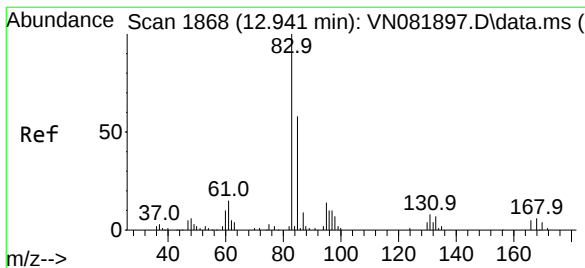
Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:	105	Resp:	24511
Ion Ratio	Lower	Upper	
105	100		
120	26.3	17.8	33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 2.817 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

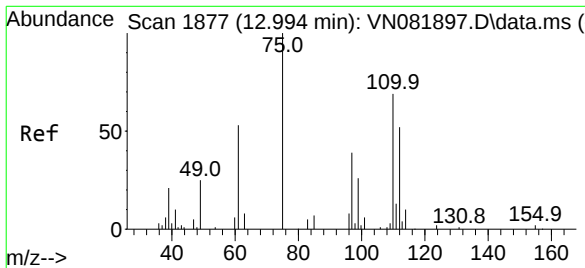
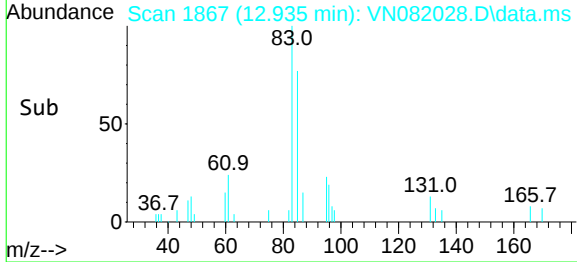
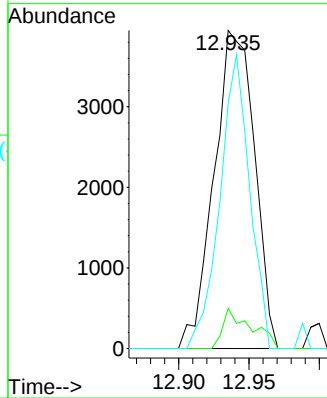
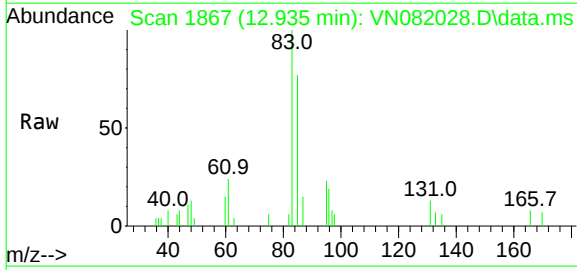
Tgt Ion:	83	Resp:	7903
Ion	Ratio	Lower	Upper
83	100		
131	6.8	5.2	15.6
85	68.0	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#72

1,2,3-Trichloropropane

Concen: 2.510 ug/l m

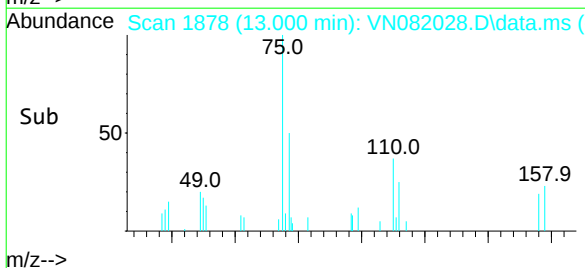
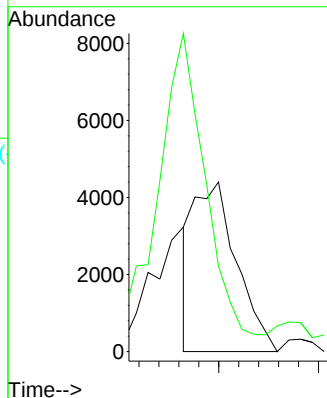
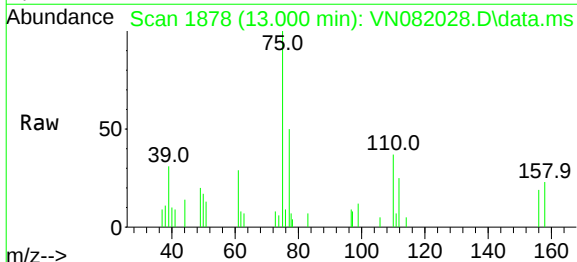
RT: 13.000 min Scan# 1878

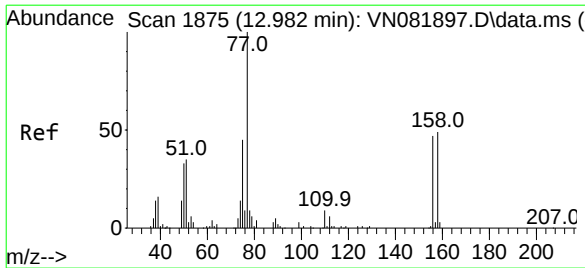
Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:	75	Resp:	6582
Ion	Ratio	Lower	Upper
75	100		
77	218.7	0.0	367.6





#73

Bromobenzene

Concen: 2.609 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

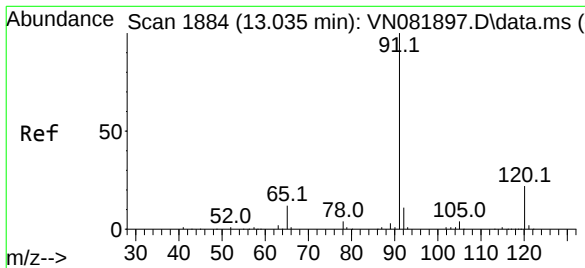
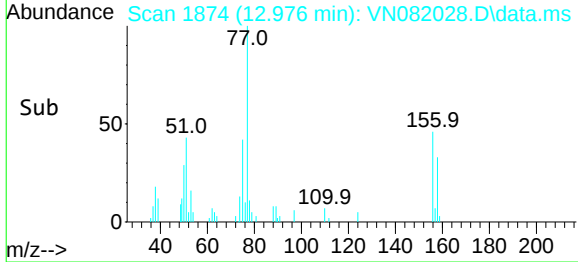
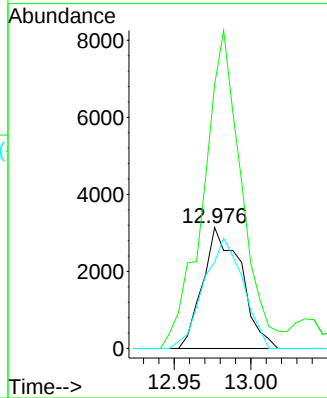
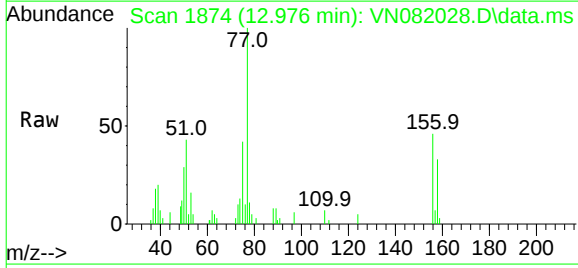
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	156	Resp:	5444
Ion Ratio	Lower	Upper	
156	100		
77	264.5	0.0	437.6
158	93.6	0.0	203.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#74

n-propylbenzene

Concen: 2.601 ug/l

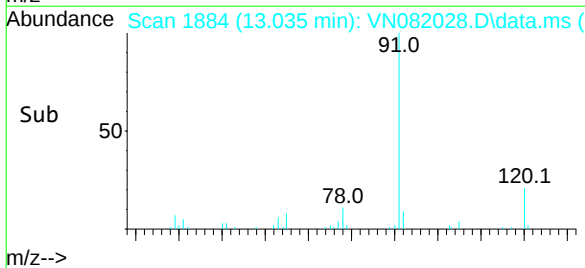
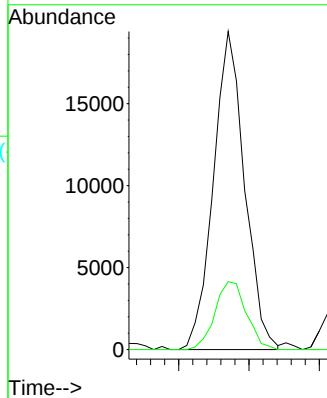
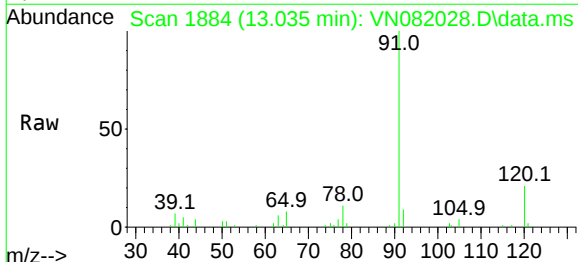
RT: 13.035 min Scan# 1884

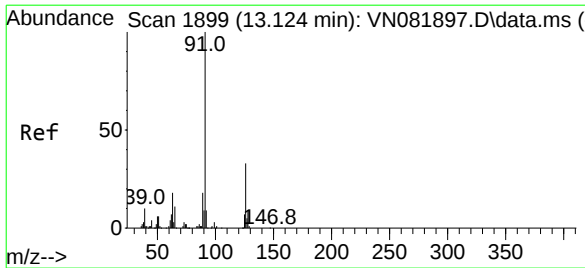
Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:	91	Resp:	29915
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.8





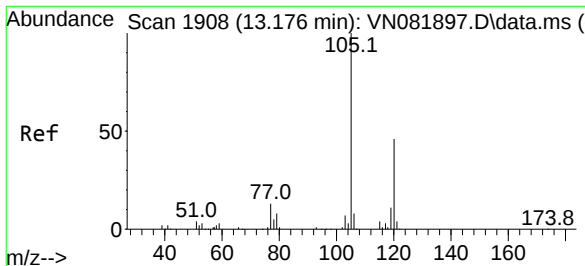
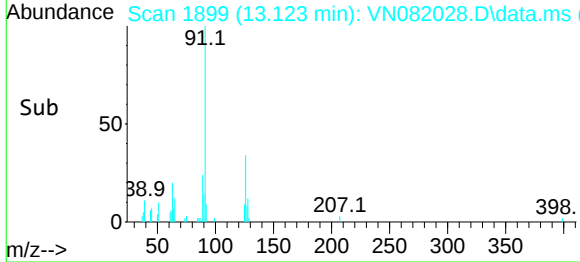
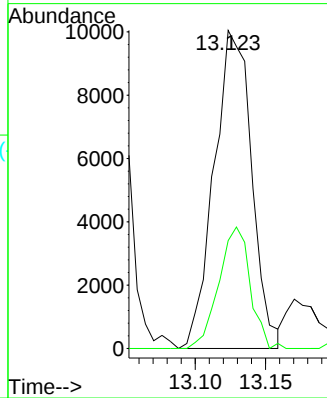
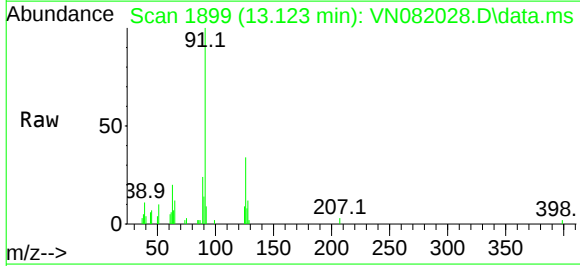
#75
2-Chlorotoluene
Concen: 2.626 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 18682
Ion Ratio Lower Upper
91 100
126 31.5 0.0 61.2

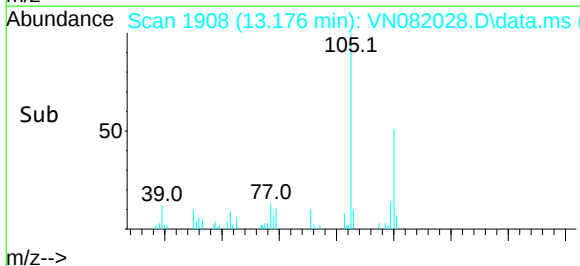
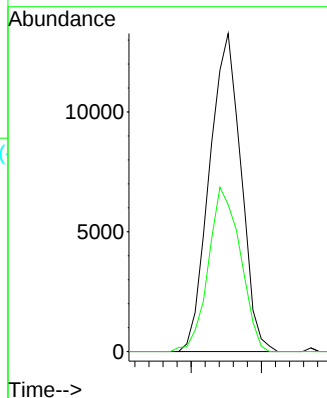
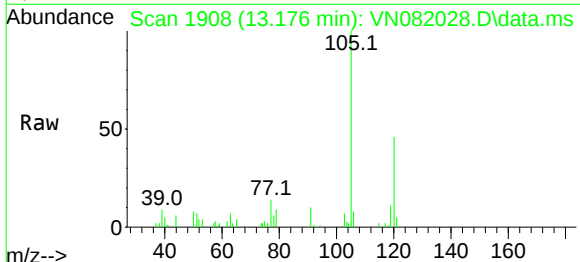
Manual Integrations
APPROVED

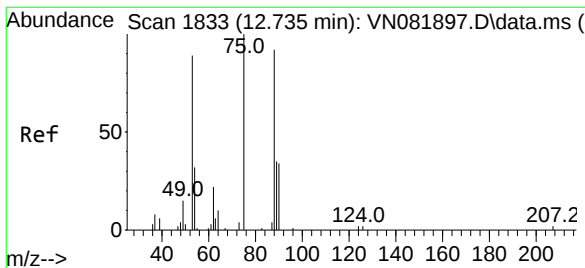
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 2.629 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:105 Resp: 20743
Ion Ratio Lower Upper
105 100
120 52.2 0.0 95.8





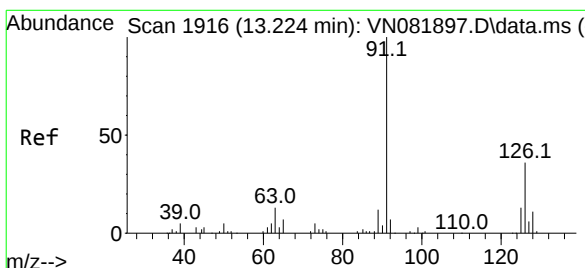
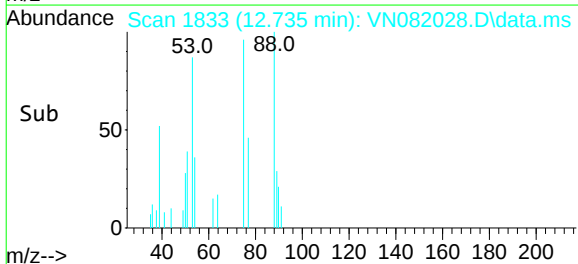
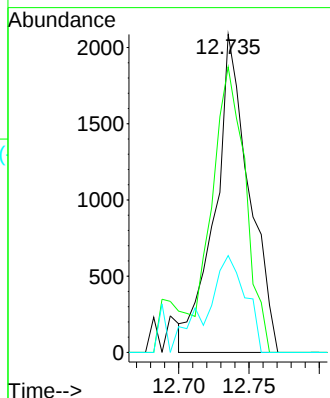
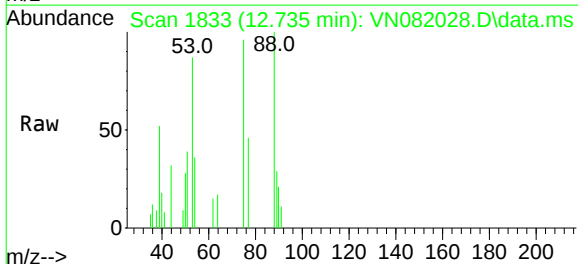
#77
t-1,4-Dichloro-2-butene
Concen: 3.012 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.8	45.9	137.7
89	30.4	25.9	77.7

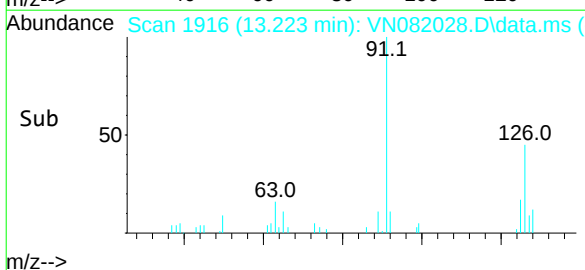
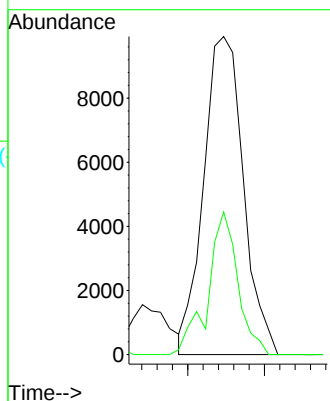
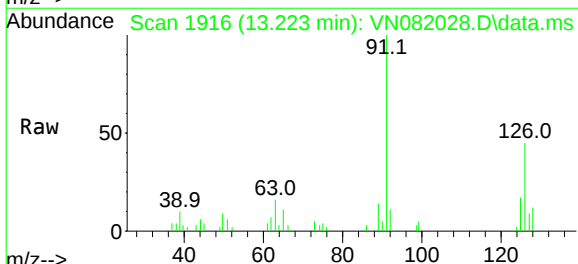
Manual Integrations
APPROVED

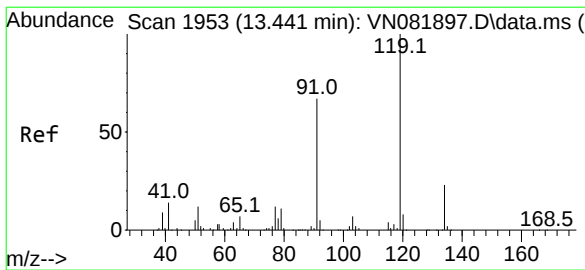
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#78
4-Chlorotoluene
Concen: 2.559 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	0.0	62.8





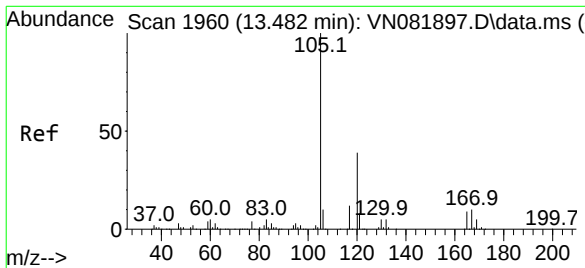
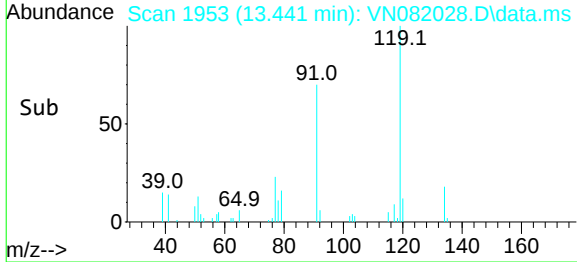
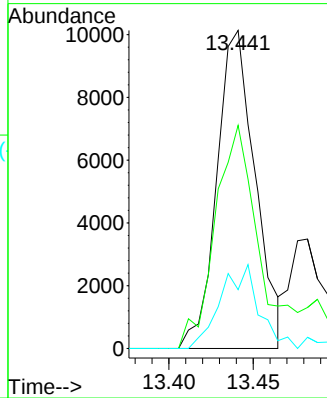
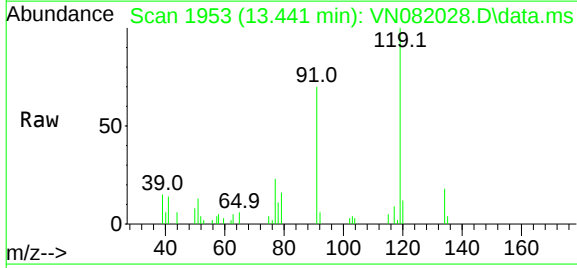
#79
tert-butylbenzene
Concen: 2.367 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:119 Resp: 16082
Ion Ratio Lower Upper
119 100
91 73.9 0.0 138.8
134 26.1 0.0 48.6

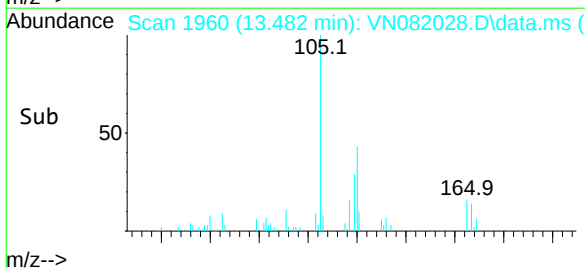
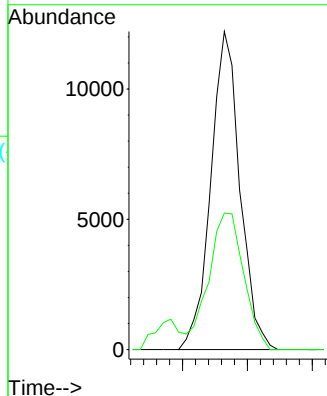
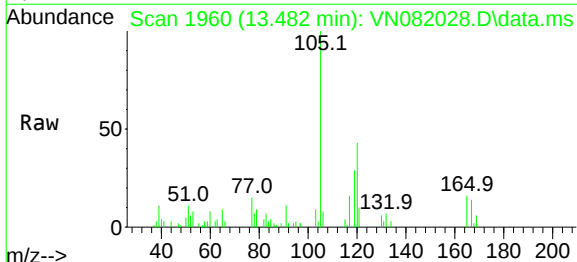
Manual Integrations
APPROVED

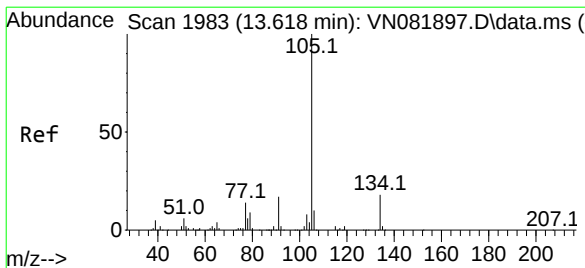
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 2.407 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:105 Resp: 19077
Ion Ratio Lower Upper
105 100
120 51.4 0.0 86.8





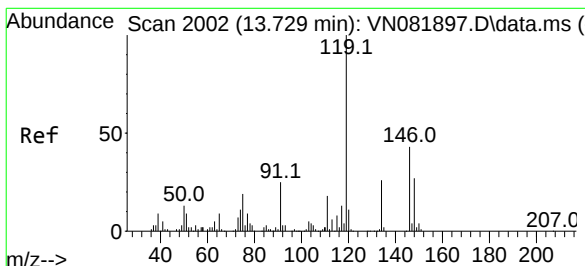
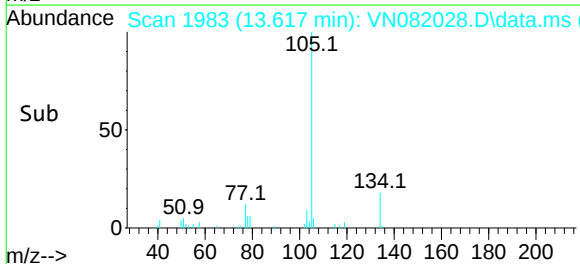
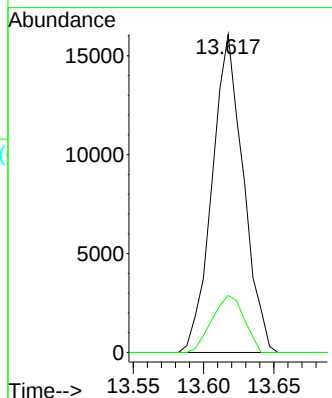
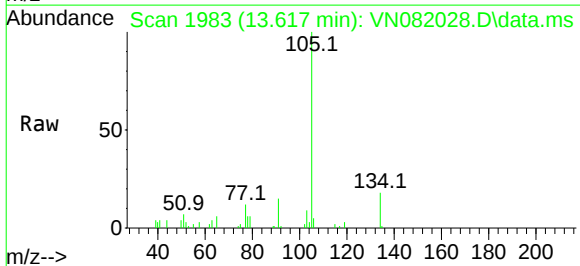
#81
sec-Butylbenzene
Concen: 2.612 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 24874
Ion Ratio Lower Upper
105 100
134 18.4 0.0 39.0

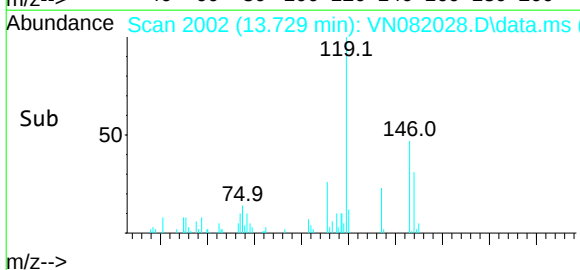
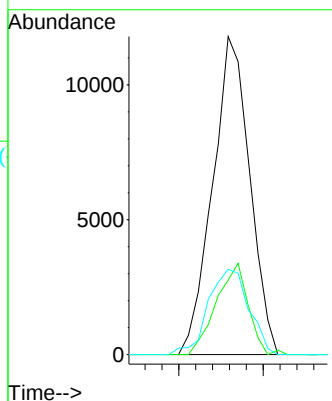
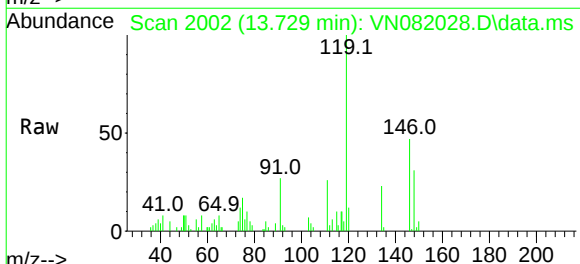
Manual Integrations
APPROVED

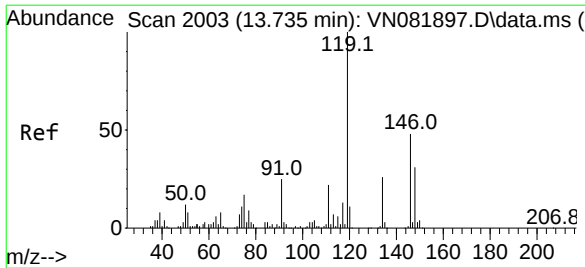
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#82
p-Isopropyltoluene
Concen: 2.395 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:119 Resp: 18032
Ion Ratio Lower Upper
119 100
134 24.4 0.0 49.2
91 29.4 0.0 48.8





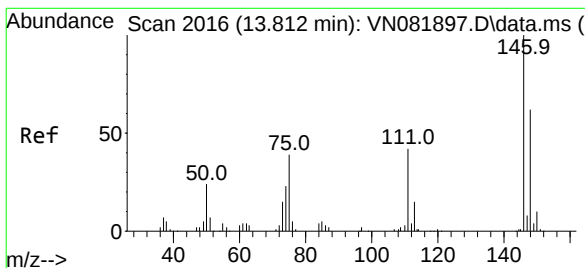
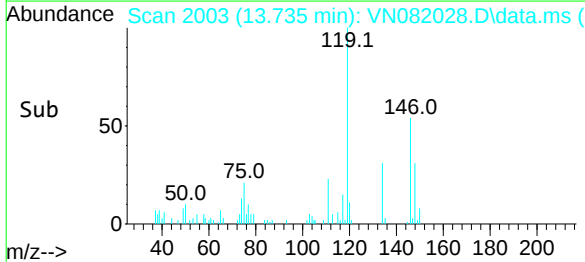
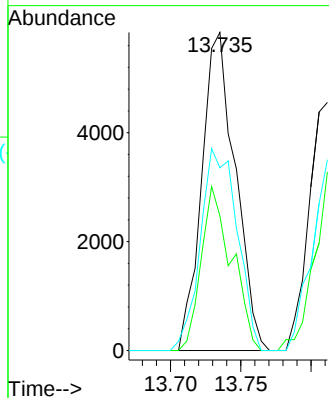
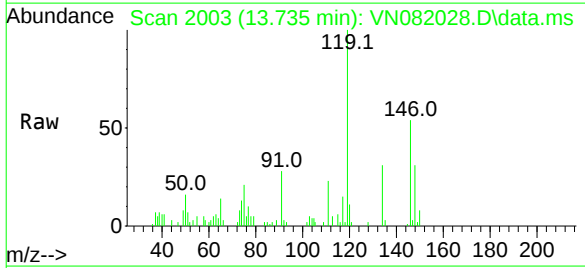
#83
1,3-Dichlorobenzene
Concen: 2.587 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	22.4	67.0
148	69.4	32.1	96.5

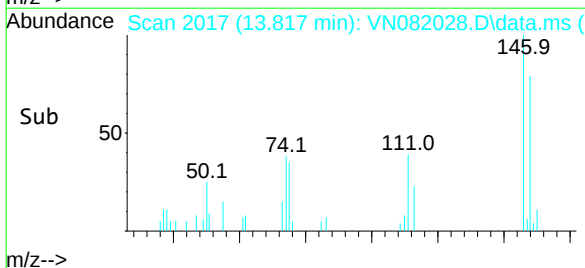
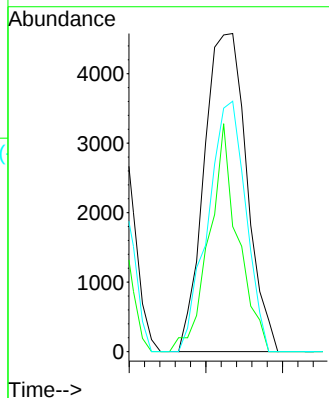
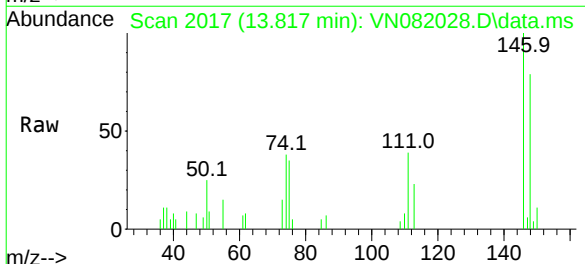
Manual Integrations
APPROVED

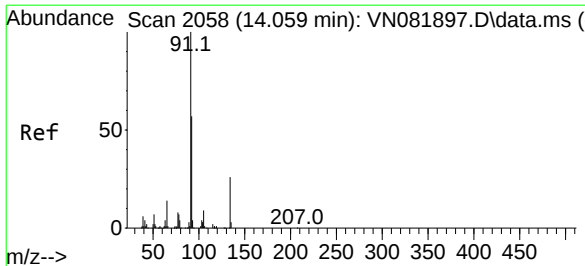
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#84
1,4-Dichlorobenzene
Concen: 2.340 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.3	21.3	63.9
148	69.9	31.9	95.5





#85

n-Butylbenzene

Concen: 2.568 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

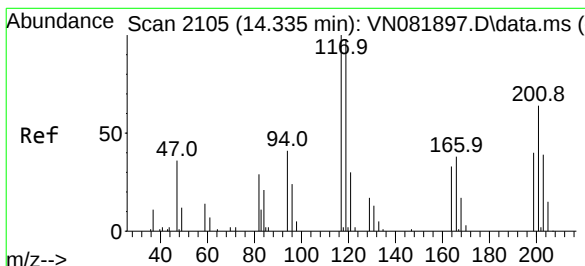
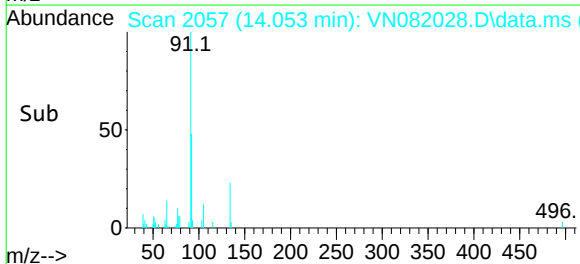
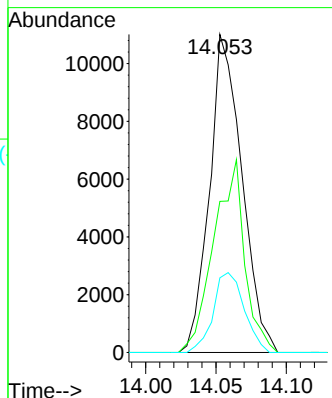
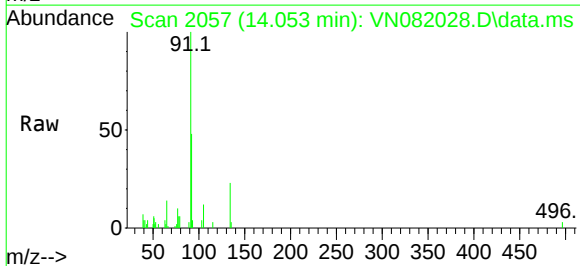
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	91	Resp:	17662
Ion	Ratio	Lower	Upper
91	100		
92	57.7	0.0	105.0
134	24.0	0.0	51.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#86

Hexachloroethane

Concen: 2.509 ug/l

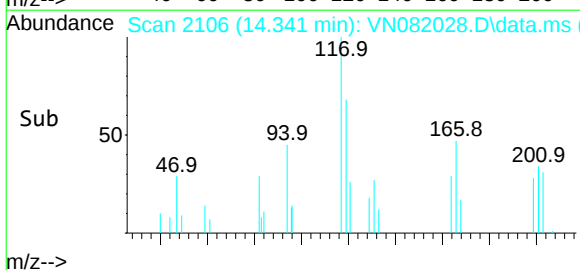
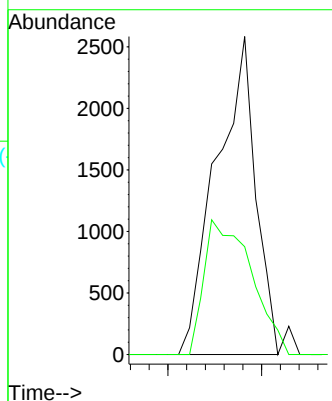
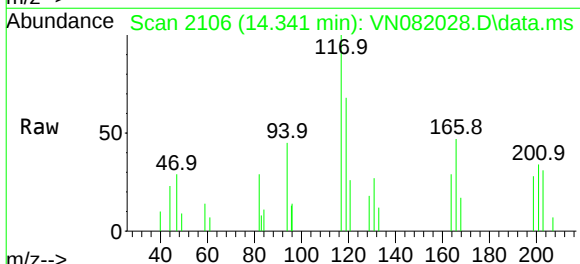
RT: 14.341 min Scan# 2106

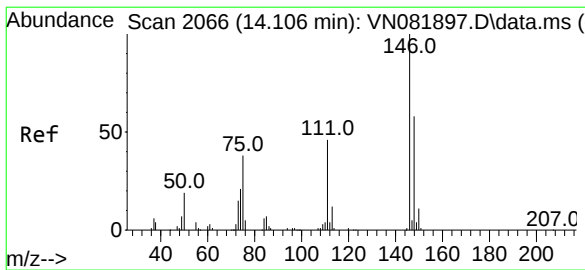
Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:	117	Resp:	3767
Ion	Ratio	Lower	Upper
117	100		
201	51.0	38.0	114.0





#87

1,2-Dichlorobenzene

Concen: 2.714 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

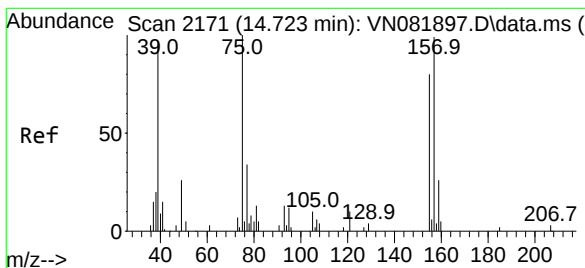
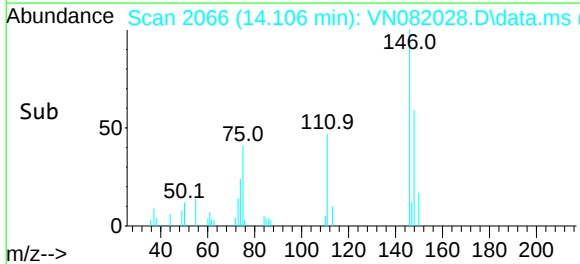
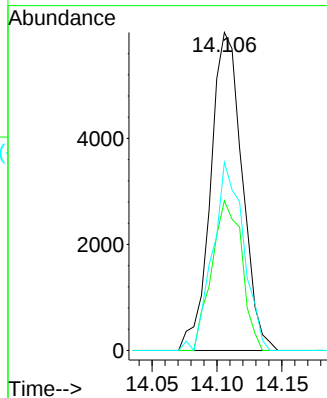
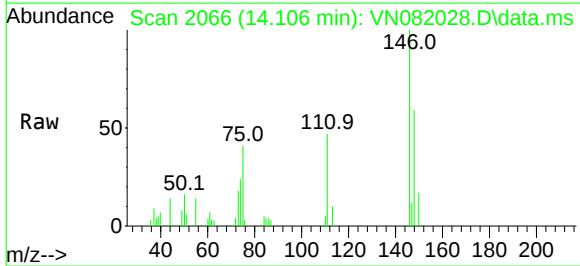
Tgt Ion:	146	Resp:	10154
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.6	67.8
148	56.7	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.507 ug/l

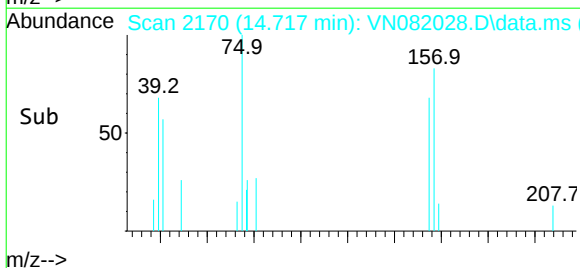
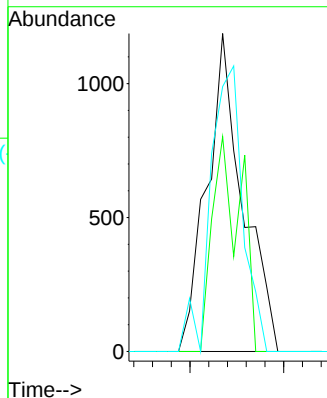
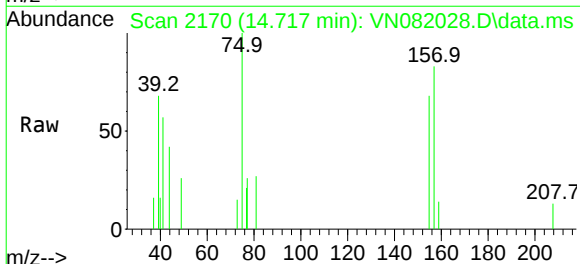
RT: 14.717 min Scan# 2170

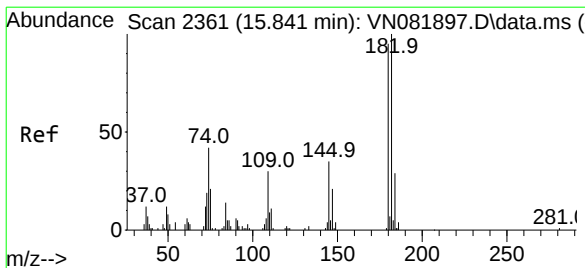
Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:	75	Resp:	1578
Ion Ratio	Lower	Upper	
75	100		
155	53.4	61.7	92.5#
157	76.2	83.6	125.4#





#89

1,2,4-Trichlorobenzene

Concen: 2.201 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

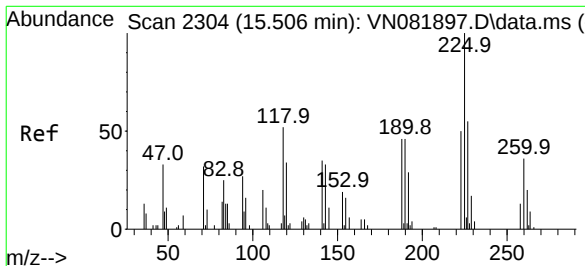
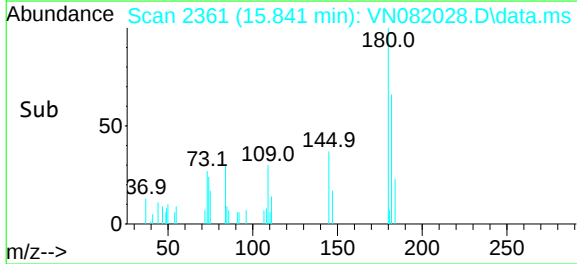
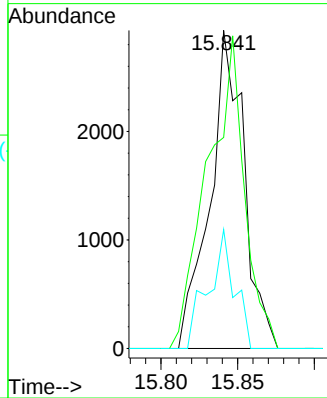
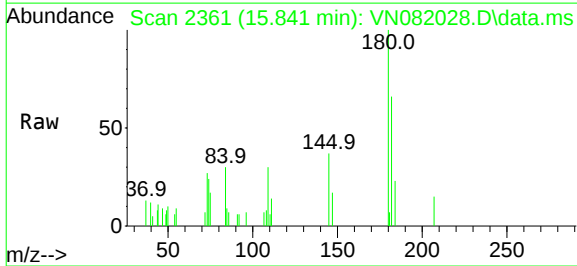
Tgt Ion:	180	Resp:	4535
Ion Ratio	Lower	Upper	
180	100		
182	105.9	76.4	114.6
145	20.6	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#90

Hexachlorobutadiene

Concen: 2.340 ug/l

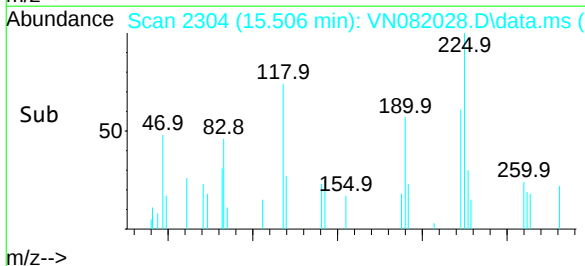
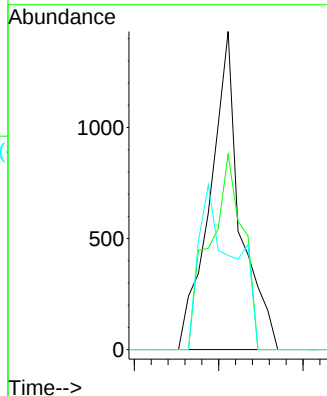
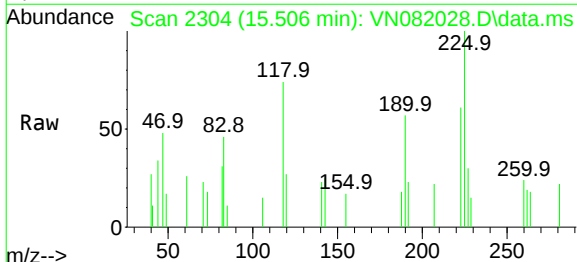
RT: 15.506 min Scan# 2304

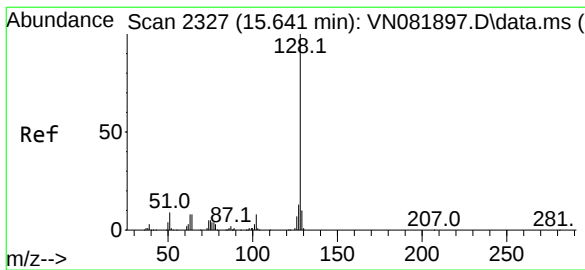
Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

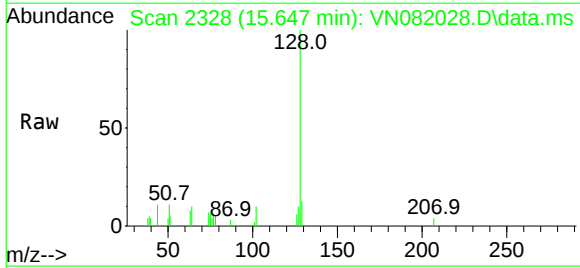
Tgt Ion:	225	Resp:	1786
Ion Ratio	Lower	Upper	
225	100		
223	49.7	0.0	126.6
227	9.4	0.0	126.6





#91
Naphthalene
Concen: 2.161 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

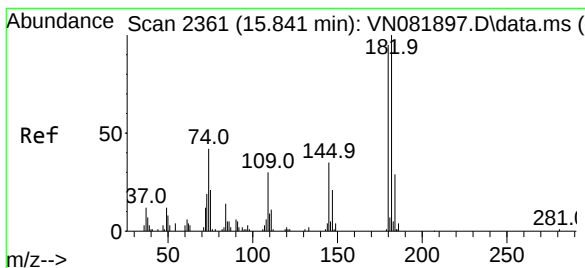
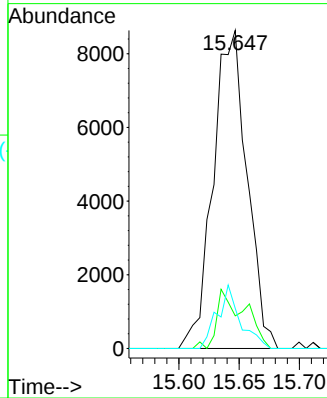
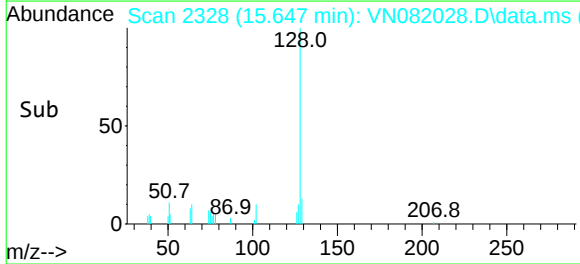
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:128 Resp: 16924
Ion Ratio Lower Upper
128 100
127 8.5 10.6 16.0#
129 13.5 8.6 13.0#

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 2.201 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:180 Resp: 4535
Ion Ratio Lower Upper
180 100
182 105.9 0.0 191.0
145 20.6 0.0 71.0

