

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083711.D
 Acq On : 09 Sep 2024 11:14
 Operator : JC\MD
 Sample : P3390-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Sep 10 01:18:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/10/2024
 Supervised By : Mahesh Dadoda 09/10/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	26810	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152873	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	131317	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73430	29.964	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.867%		
60) 4-Bromofluorobenzene	12.847	95	63990	28.274	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.233%		
63) Toluene-d8	10.565	98	184661	30.370	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.233%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	4116	2.293	ug/l	92
3) Chloromethane	2.359	50	5070	2.718	ug/l	98
4) Vinyl Chloride	2.518	62	4434	2.312	ug/l #	76
5) Bromomethane	2.900	94	2687	2.508	ug/l	96
6) Chloroethane	3.071	64	3316m	2.582	ug/l	
7) Trichlorofluoromethane	3.465	101	7496	2.331	ug/l #	81
8) Diethyl Ether	3.953	74	2630m	2.407	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.353	101	4189m	2.426	ug/l	
10) 1,1-Dichloroethene	4.336	96	3727m	2.237	ug/l	
11) Methyl Iodide	4.583	142	4514m	1.994	ug/l	
12) Methyl Acetate	5.024	43	6541	3.255	ug/l #	82
13) Acrolein	4.165	56	2810m	9.581	ug/l	
14) Acrylonitrile	5.718	53	9270m	11.399	ug/l	
15) Acetone	4.430	58	2780m	10.305	ug/l	
16) Carbon Disulfide	4.694	76	9940	2.111	ug/l #	95
17) Allyl chloride	5.018	41	6084m	2.082	ug/l	
18) Methylene Chloride	5.259	84	4628m	2.539	ug/l	
19) trans-1,2-Dichloroethene	5.777	96	3566	2.065	ug/l #	90
20) Diisopropyl ether	6.671	45	12198	2.067	ug/l #	96
21) 1,1-Dichloroethane	6.559	63	7445	2.210	ug/l #	79
22) cis-1,2-Dichloroethene	7.483	96	4674m	2.224	ug/l	
23) tert-Butyl Alcohol	5.530	59	3253m	10.901	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	13376m	2.259	ug/l	
25) Chloroform	7.965	83	8447	2.366	ug/l	88
26) Cyclohexane	8.253	56	5828	1.964	ug/l #	86
29) 1,1-Dichloropropene	8.371	75	5012	2.067	ug/l	88
30) 2-Butanone	7.483	43	13776	12.052	ug/l #	71
31) 2,2-Dichloropropane	7.483	77	7299	2.361	ug/l #	69
32) 1,1,1-Trichloroethane	8.159	97	7810	2.412	ug/l #	90
33) Carbon Tetrachloride	8.353	117	6476	2.309	ug/l #	82
34) Benzene	8.606	78	16150	2.220	ug/l #	78
35) Methacrylonitrile	7.777	41	3585	2.790	ug/l	94
36) 1,2-Dichloroethane	8.671	62	6842	2.502	ug/l #	90
37) Trichloroethene	9.353	130	4093	2.396	ug/l	84
38) Methylcyclohexane	9.600	83	6103	2.102	ug/l	95
39) 1,2-Dichloropropane	9.624	63	4082	2.331	ug/l	93
40) Dibromomethane	9.712	93	2690	2.101	ug/l	90
41) Bromodichloromethane	9.888	83	6032	2.216	ug/l #	98
42) Vinyl Acetate	6.594	43	63232	13.455	ug/l	96

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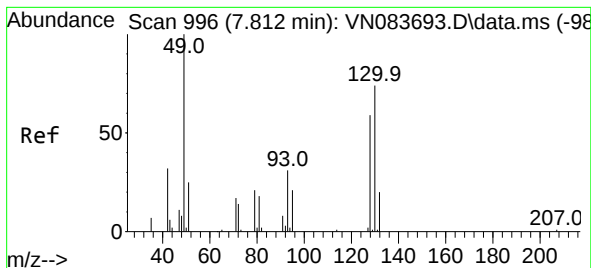
Quant Time: Sep 10 01:18:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	5646	2.454	ug/l	97
44) Isopropyl Acetate	8.688	43	9339	2.347	ug/l #	88
45) 1,4-Dioxane	9.700	88	1503	48.427	ug/l #	90
46) Methyl methacrylate	9.677	41	4587	2.382	ug/l	83
47) n-amyl Acetate	12.494	43	6358	1.804	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	5824	2.034	ug/l #	84
49) cis-1,3-Dichloropropene	10.312	75	6203	2.083	ug/l #	71
50) 1,1,2-Trichloroethane	11.018	97	4014	2.464	ug/l	93
51) Ethyl methacrylate	10.871	69	6024	2.164	ug/l	82
52) 1,3-Dichloropropane	11.159	76	6495	2.208	ug/l	98
53) Dibromochloromethane	11.359	129	3879	1.985	ug/l	88
54) 1,2-Dibromoethane	11.471	107	3733	2.215	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	13038	11.754	ug/l	99
56) Bromoform	12.570	173	2462	1.983	ug/l #	86
58) 4-Methyl-2-Pentanone	10.441	43	25423	12.210	ug/l #	87
59) 2-Hexanone	11.194	43	19640	12.483	ug/l #	85
61) Tetrachloroethene	11.106	164	3024	2.176	ug/l #	85
62) Toluene	10.629	91	17349	2.299	ug/l	99
64) Chlorobenzene	11.888	112	10547	2.257	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.959	131	3618	2.222	ug/l	99
66) Ethyl Benzene	11.965	91	18028	2.100	ug/l	94
67) m/p-Xylenes	12.070	106	12425	3.935	ug/l	94
68) o-Xylene	12.394	106	6554	2.144	ug/l	98
69) Styrene	12.412	104	10050	1.946	ug/l	98
70) Isopropylbenzene	12.694	105	15795	1.958	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	5216	2.368	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	4538m	2.350	ug/l	
73) Bromobenzene	12.982	156	4123	2.226	ug/l	96
74) n-propylbenzene	13.035	91	18098	1.917	ug/l	99
75) 2-Chlorotoluene	13.117	91	12305	2.088	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	13323	1.977	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	1580	1.935	ug/l	75
78) 4-Chlorotoluene	13.217	91	11858	1.984	ug/l	97
79) tert-butylbenzene	13.435	119	12470	2.117	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	12936	1.900	ug/l	100
81) sec-Butylbenzene	13.617	105	15644	1.944	ug/l	99
82) p-Isopropyltoluene	13.729	119	12107	1.788	ug/l	96
83) 1,3-Dichlorobenzene	13.729	146	7161	2.008	ug/l	94
84) 1,4-Dichlorobenzene	13.812	146	7258	2.036	ug/l	98
85) n-Butylbenzene	14.053	91	10455	1.750	ug/l	96
86) Hexachloroethane	14.335	117	2923	2.278	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	7123	2.058	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	971	2.006	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	3180	1.677	ug/l	93
90) Hexachlorobutadiene	15.494	225	1784	2.274	ug/l	77
91) Naphthalene	15.641	128	9922	1.601	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.841	180	3180	1.677	ug/l	93

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

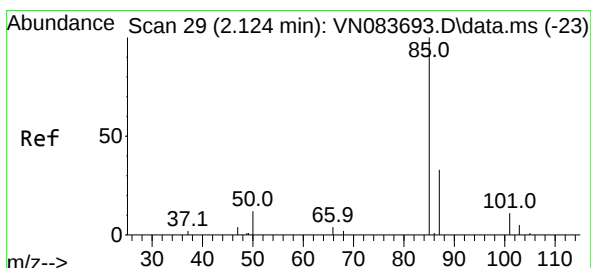
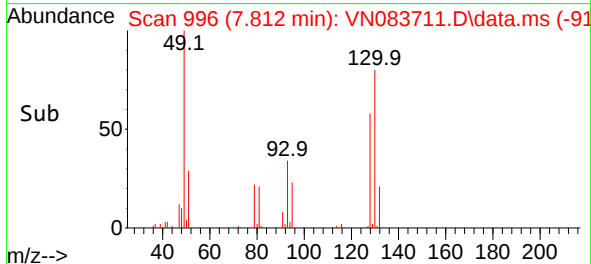
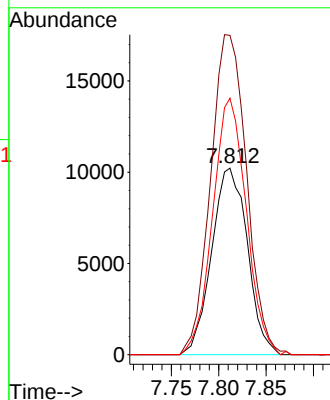
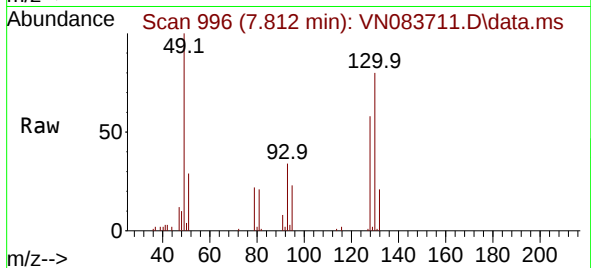
Tgt Ion:	128	Resp:	26810
Ion	Ratio	Lower	Upper
128	100		
49	172.7	0.0	403.7
130	129.6	0.0	323.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 2.293 ug/l

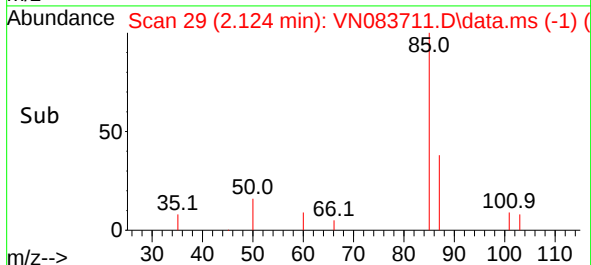
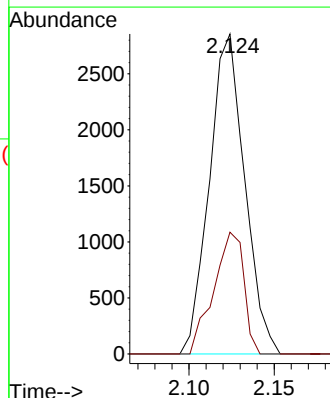
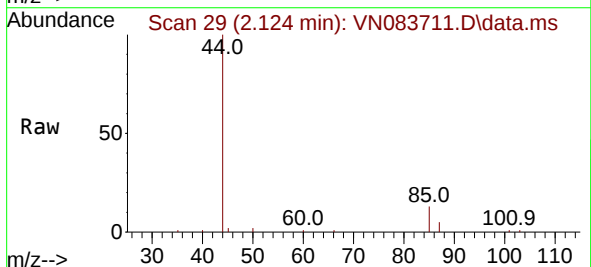
RT: 2.124 min Scan# 29

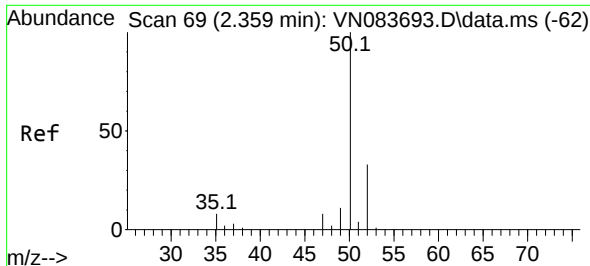
Delta R.T. -0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Tgt Ion:	85	Resp:	4116
Ion	Ratio	Lower	Upper
85	100		
87	38.0	16.8	50.3





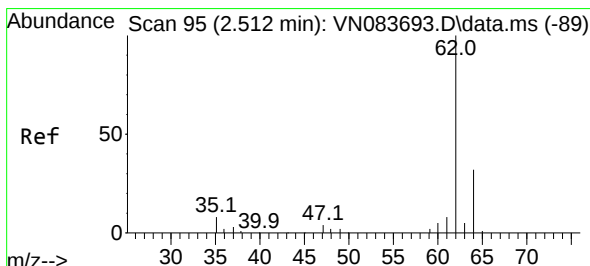
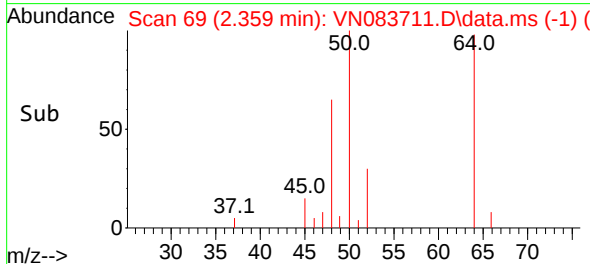
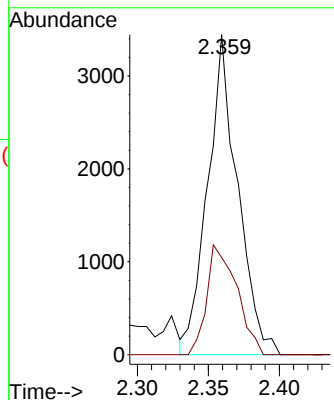
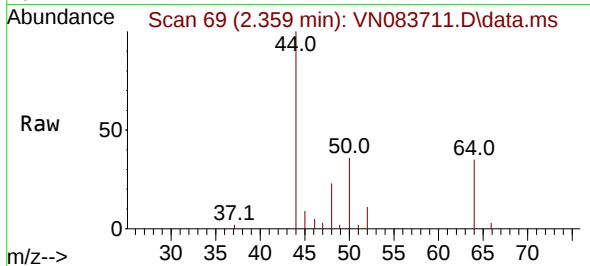
#3
Chloromethane
Concen: 2.718 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 50 Resp: 5070
Ion Ratio Lower Upper
50 100
52 30.3 25.4 38.0

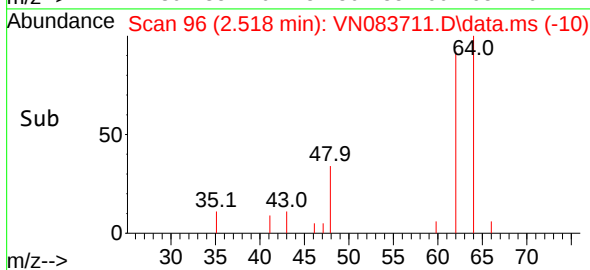
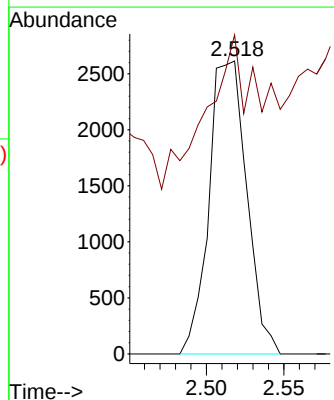
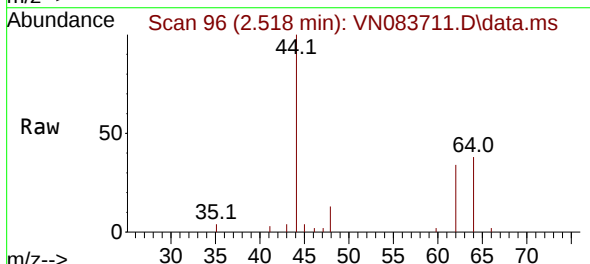
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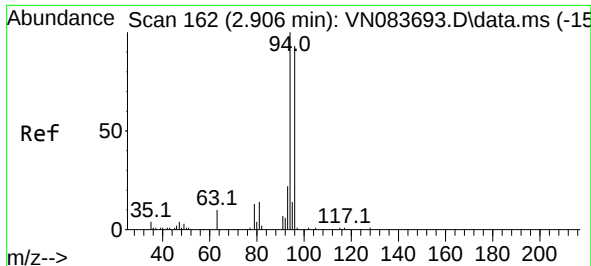
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#4
Vinyl Chloride
Concen: 2.312 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

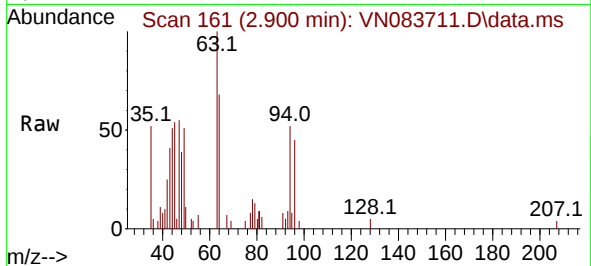
Tgt Ion: 62 Resp: 4434
Ion Ratio Lower Upper
62 100
64 42.9 24.1 36.1#





#5
Bromomethane
Concen: 2.508 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

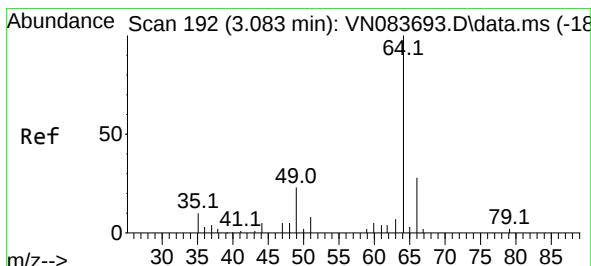
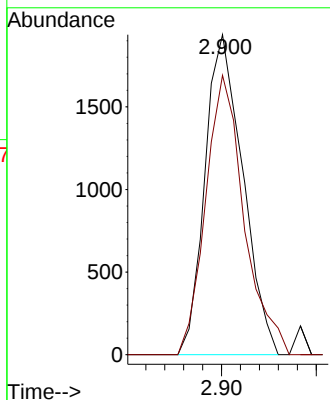
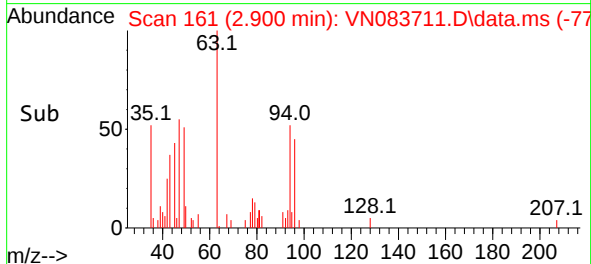
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 87.3 72.8 109.2

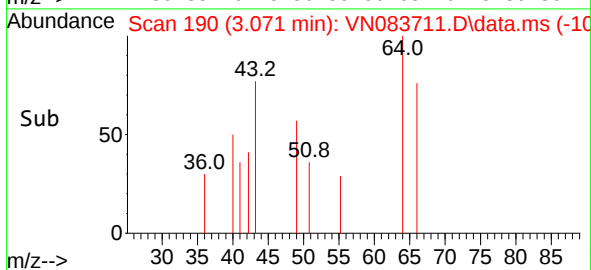
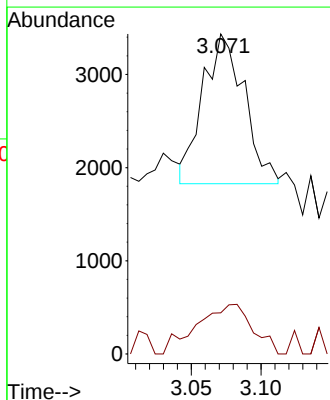
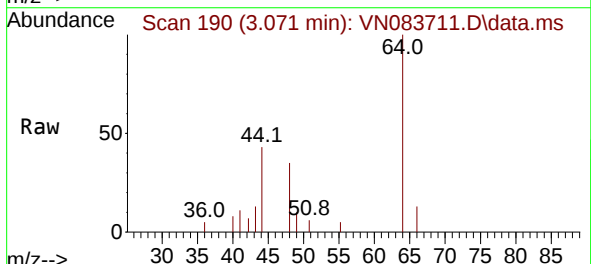
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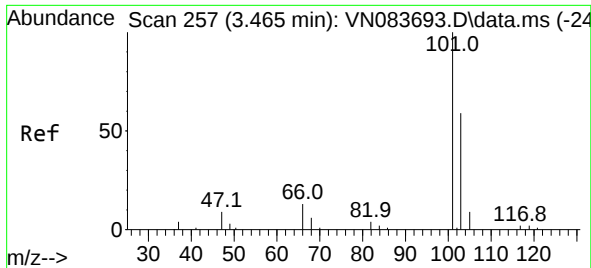
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#6
Chloroethane
Concen: 2.582 ug/l m
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

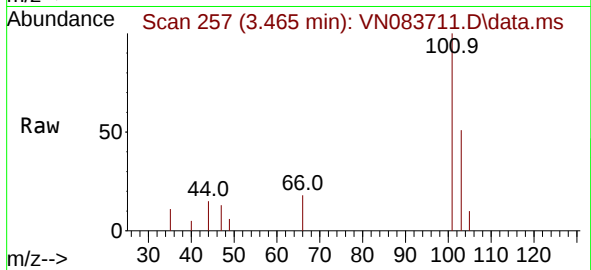
Tgt Ion: 64 Resp: 3316
Ion Ratio Lower Upper
64 100
66 12.8 26.7 40.1#





#7
 Trichlorofluoromethane
 Concen: 2.331 ug/l
 RT: 3.465 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VN083711.D
 Acq: 09 Sep 2024 11:14

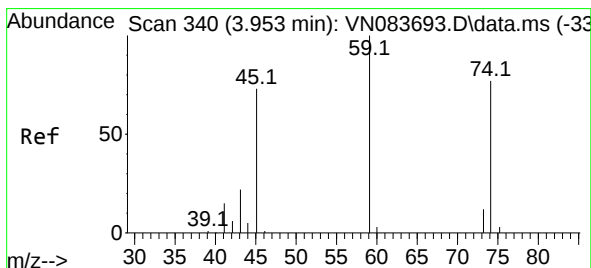
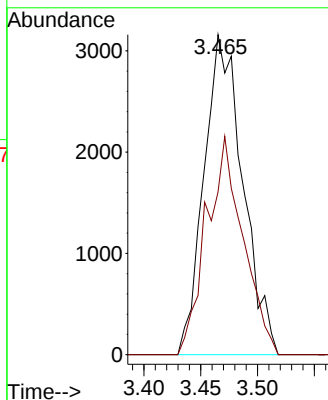
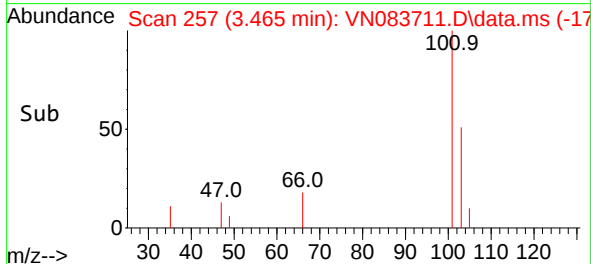
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:101 Resp: 7490
 Ion Ratio Lower Upper
 101 100
 103 50.9 53.0 79.4

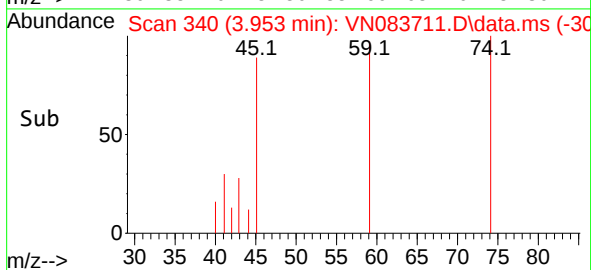
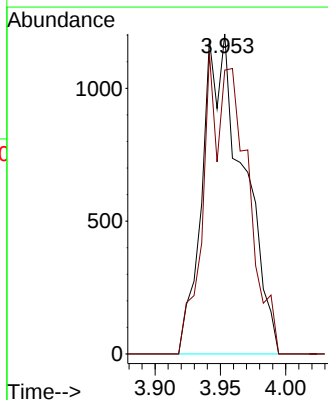
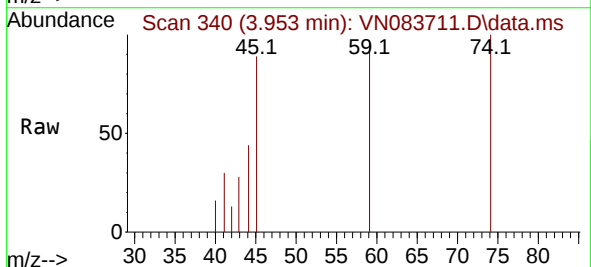
Manual Integrations
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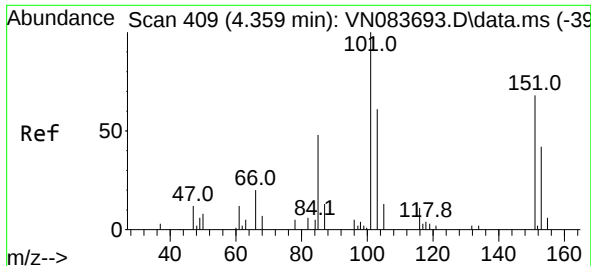
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#8
 Diethyl Ether
 Concen: 2.407 ug/l m
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN083711.D
 Acq: 09 Sep 2024 11:14

Tgt Ion: 74 Resp: 2630
 Ion Ratio Lower Upper
 74 100
 45 59.3 16.4 147.4





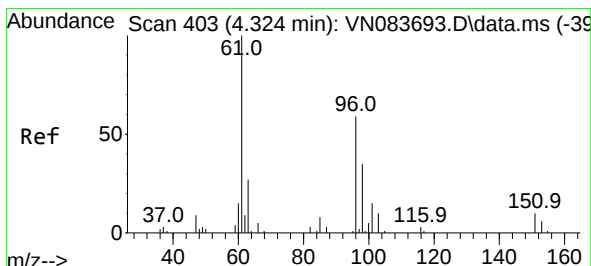
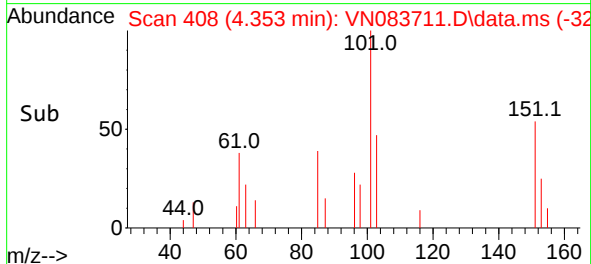
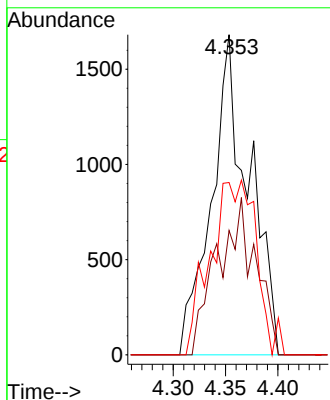
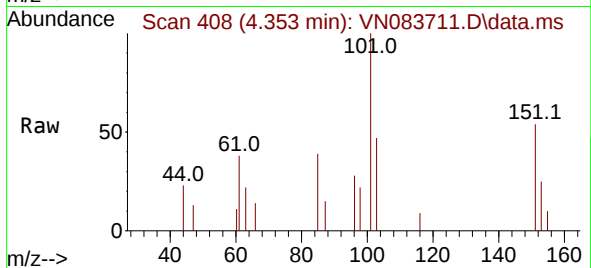
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.426 ug/l m
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:101 Resp: 4189
Ion Ratio Lower Upper
101 100
85 16.7 0.0 90.6
151 39.2 0.0 157.6

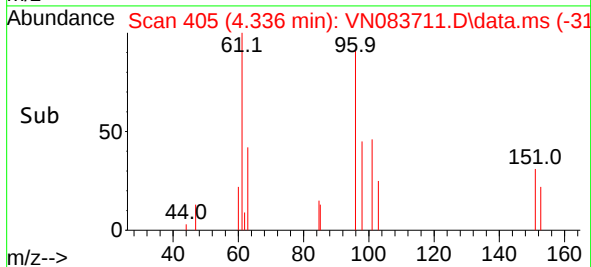
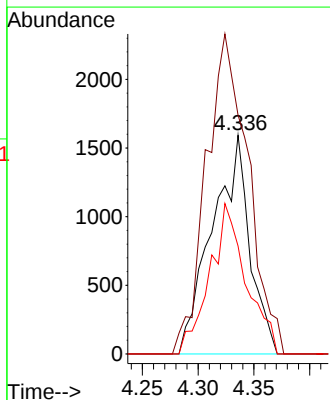
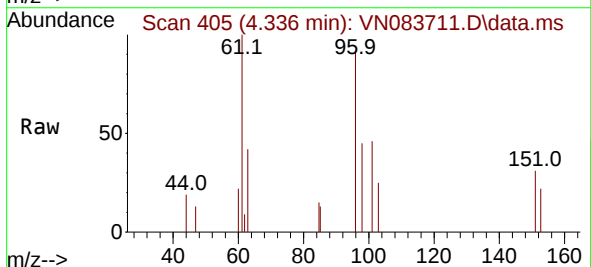
Manual Integrations
APPROVED

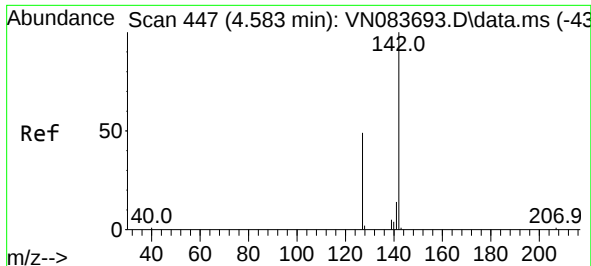
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#10
1,1-Dichloroethene
Concen: 2.237 ug/l m
RT: 4.336 min Scan# 405
Delta R.T. 0.012 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

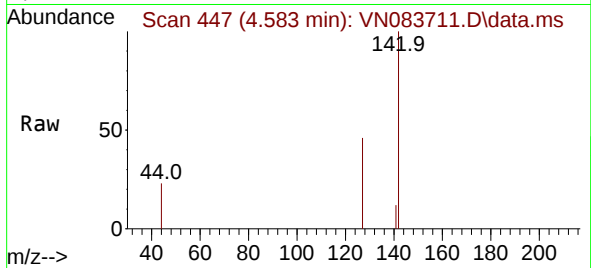
Tgt Ion: 96 Resp: 3727
Ion Ratio Lower Upper
96 100
61 109.2 117.6 176.4#
98 49.4 48.4 72.6





#11
Methyl Iodide
Concen: 1.994 ug/l m
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

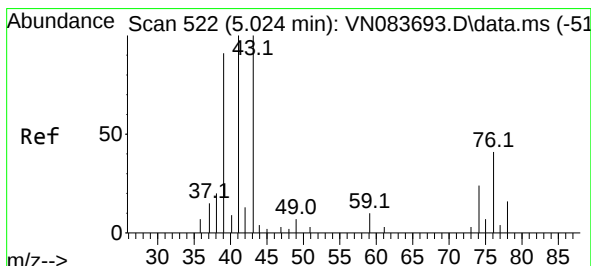
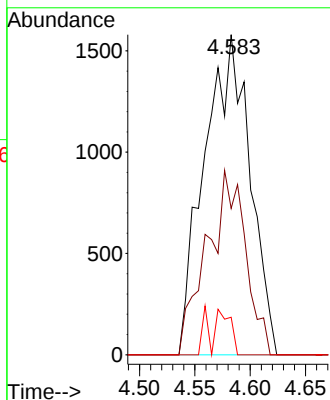
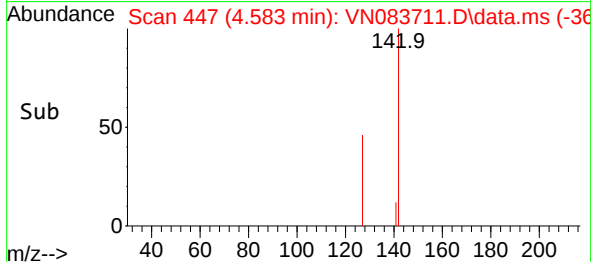
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:142 Resp: 4514
Ion Ratio Lower Upper
142 100
127 45.7 26.3 78.9
141 11.7 8.3 24.9

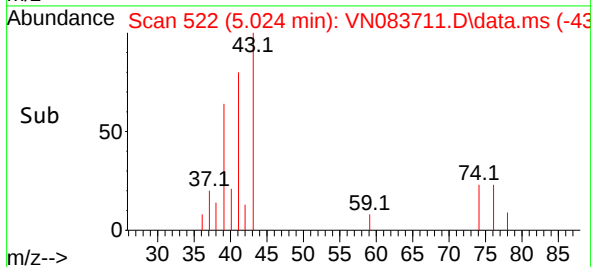
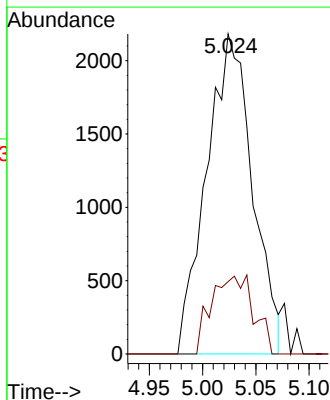
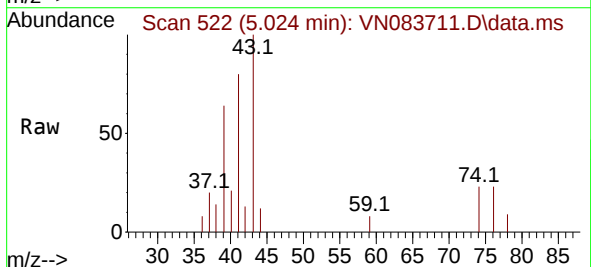
Manual Integrations
APPROVED

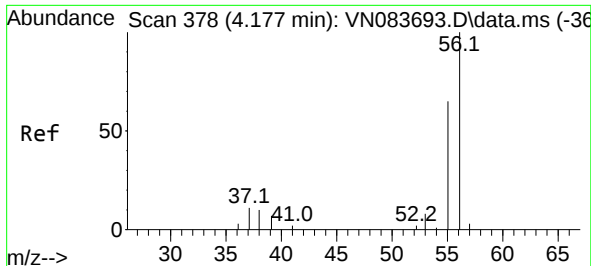
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#12
Methyl Acetate
Concen: 3.255 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

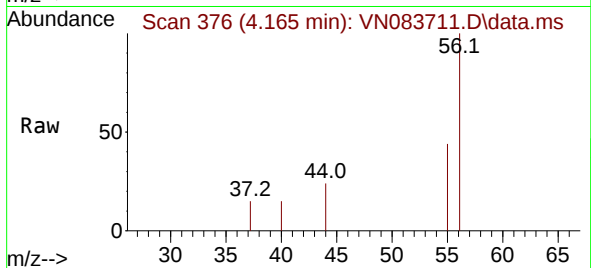
Tgt Ion: 43 Resp: 6541
Ion Ratio Lower Upper
43 100
74 24.1 27.7 41.5#





#13
Acrolein
Concen: 9.581 ug/l m
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

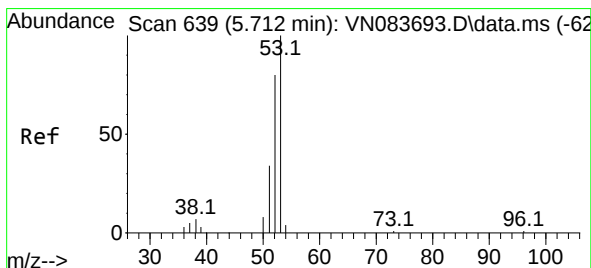
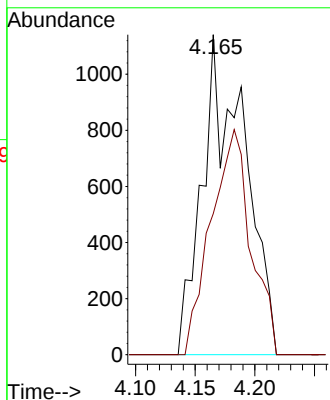
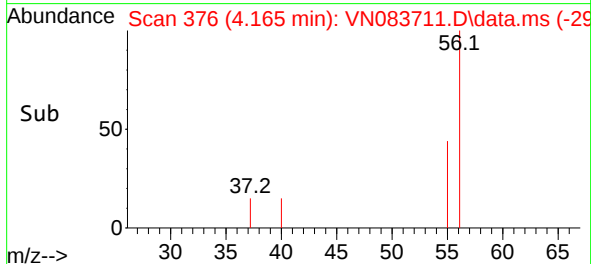
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 56 Resp: 2810
Ion Ratio Lower Upper
56 100
55 66.4 55.5 83.3

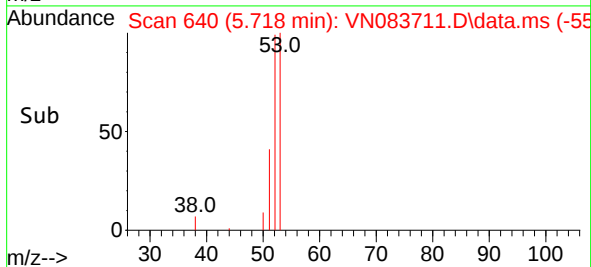
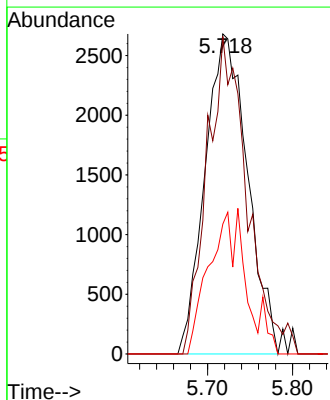
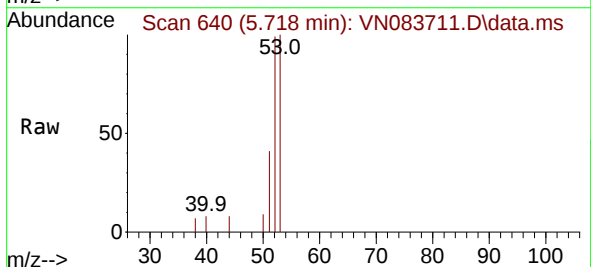
Manual Integrations
APPROVED

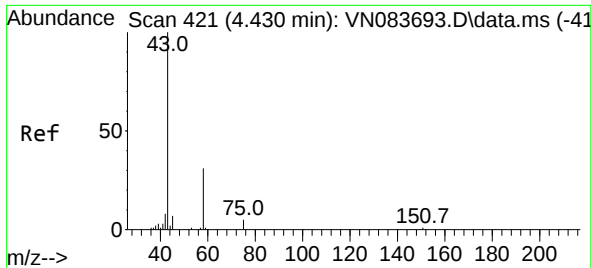
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#14
Acrylonitrile
Concen: 11.399 ug/l m
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion: 53 Resp: 9270
Ion Ratio Lower Upper
53 100
52 7.6 41.3 123.9#
51 25.3 16.8 50.3





#15

Acetone

Concen: 10.305 ug/l m

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

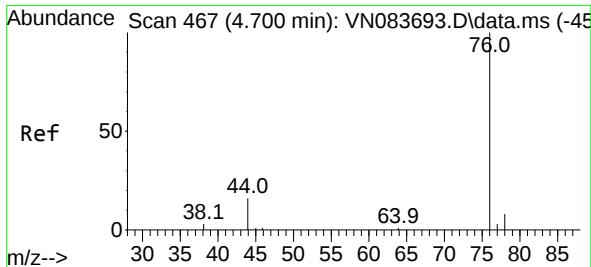
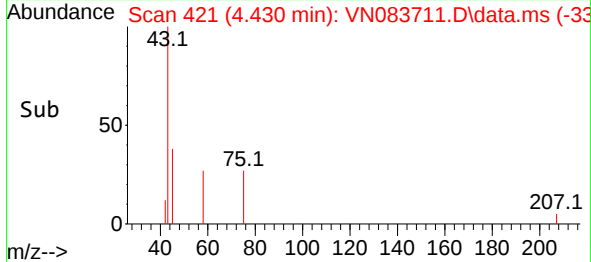
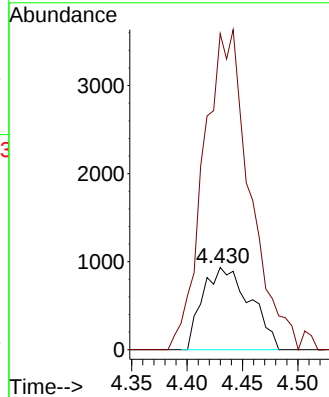
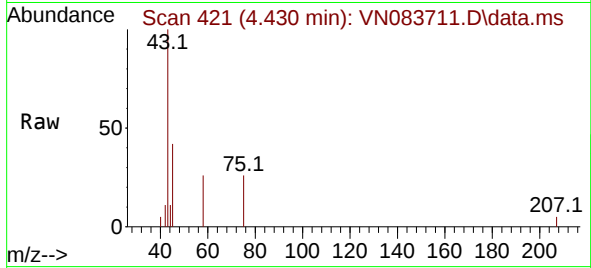
Tgt Ion: 58 Resp: 2780
Ion Ratio Lower Upper
58 100
43 384.3 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#16

Carbon Disulfide

Concen: 2.111 ug/l

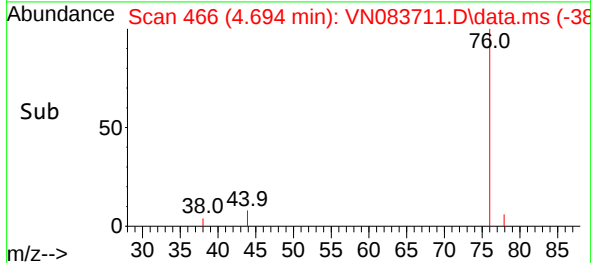
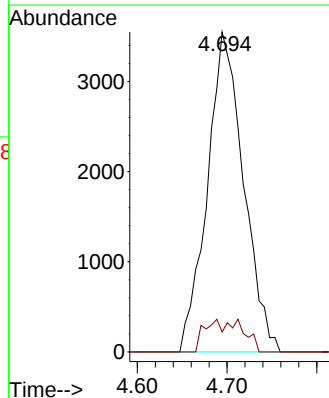
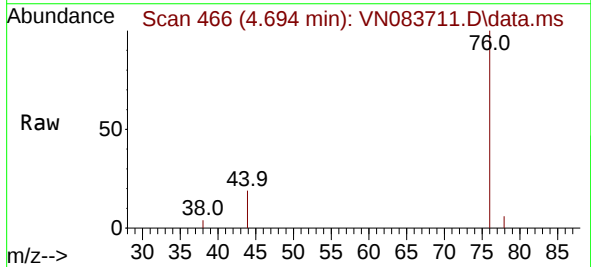
RT: 4.694 min Scan# 466

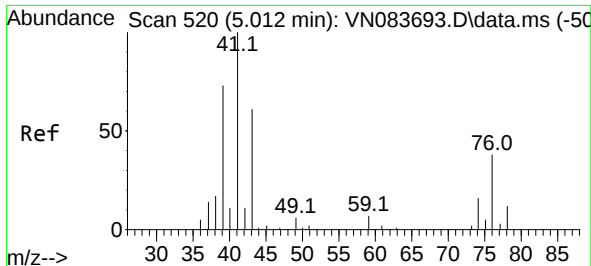
Delta R.T. -0.006 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Tgt Ion: 76 Resp: 9940
Ion Ratio Lower Upper
76 100
78 6.3 6.3 9.5





#17

Allyl chloride

Concen: 2.082 ug/l m

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

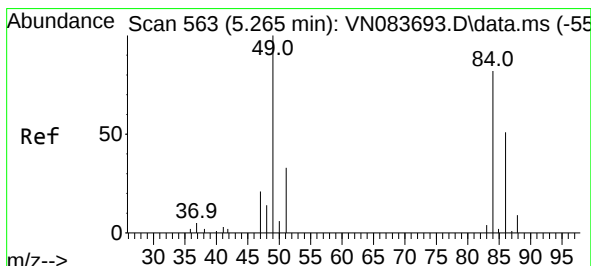
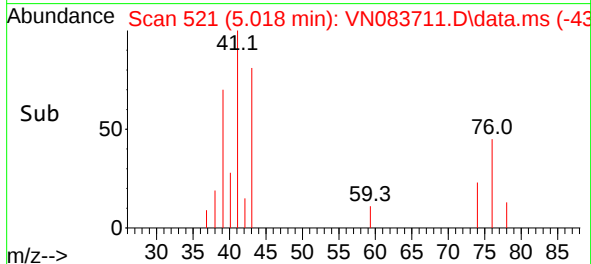
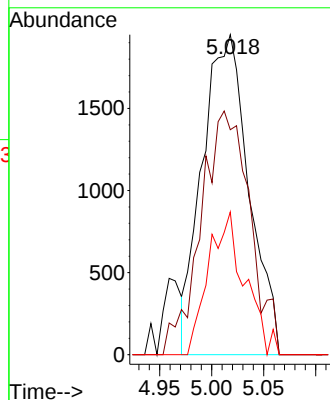
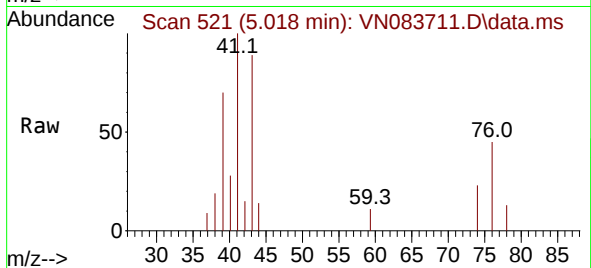
Tgt Ion: 41	Resp: 6084
Ion Ratio	Lower Upper
41 100	
39 70.3	37.6 112.9
76 44.6	27.8 83.4

Manual Integrations

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Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#18

Methylene Chloride

Concen: 2.539 ug/l m

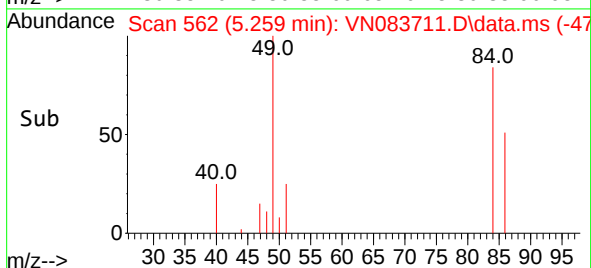
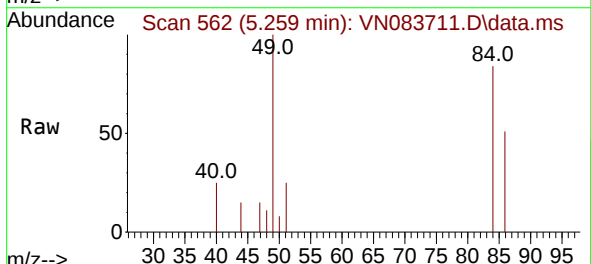
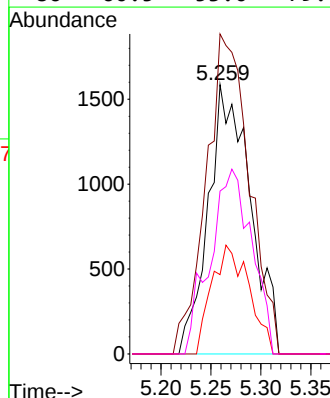
RT: 5.259 min Scan# 562

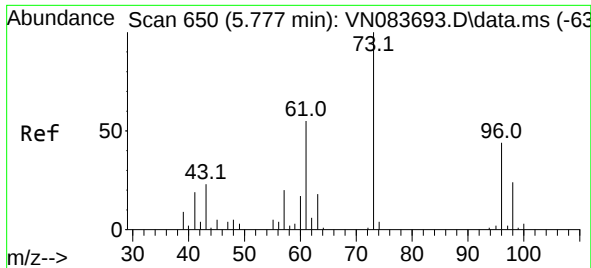
Delta R.T. -0.006 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Tgt Ion: 84	Resp: 4628
Ion Ratio	Lower Upper
84 100	
49 118.9	86.0 129.0
51 29.4	30.0 45.0#
86 60.5	53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 2.065 ug/l

RT: 5.777 min Scan# 650

Delta R.T. 0.000 min

Lab File: VN083711.D

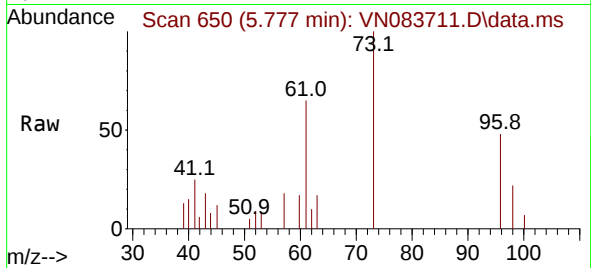
Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



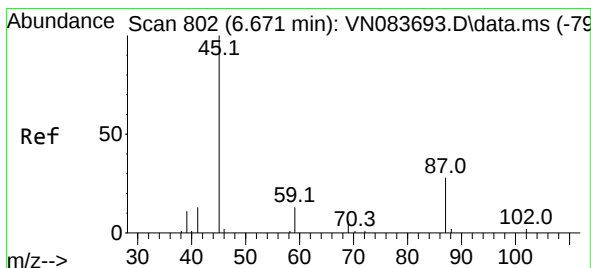
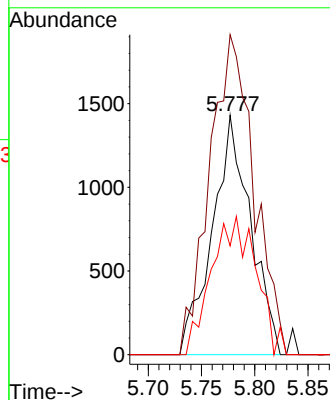
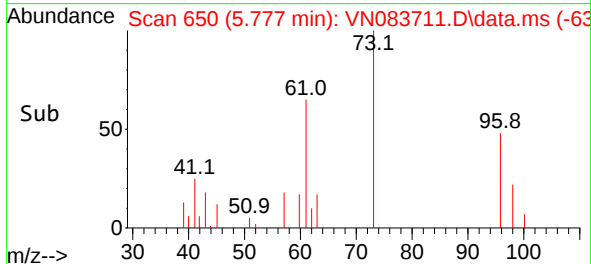
Tgt Ion:	96	Resp:	356
Ion	Ratio	Lower	Upper
96	100		
61	133.7	111.8	167.6
98	45.5	49.2	73.8

Manual Integrations

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Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#20

Diisopropyl ether

Concen: 2.067 ug/l

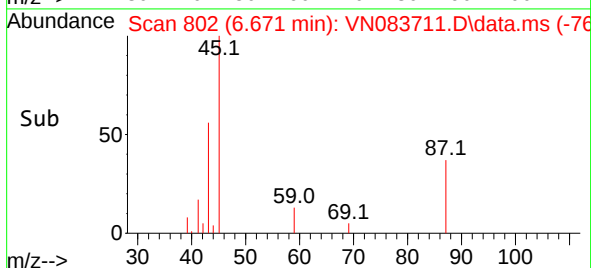
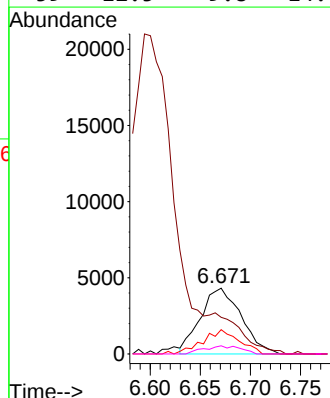
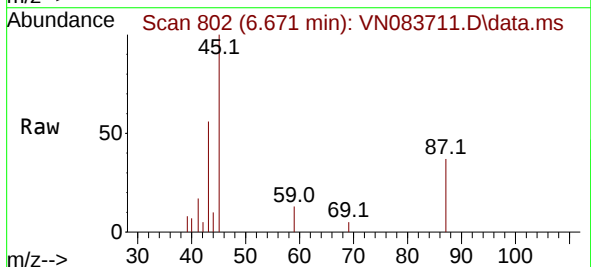
RT: 6.671 min Scan# 802

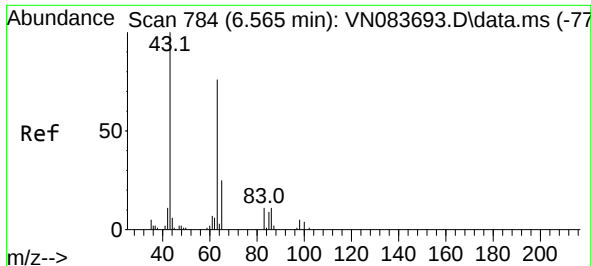
Delta R.T. -0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Tgt Ion:	45	Resp:	12198
Ion	Ratio	Lower	Upper
45	100		
43	50.5	40.4	60.6
87	36.9	23.8	35.8
59	12.5	9.8	14.6





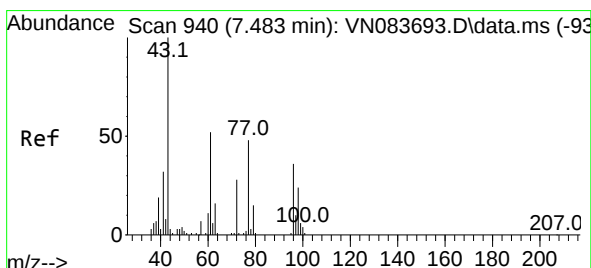
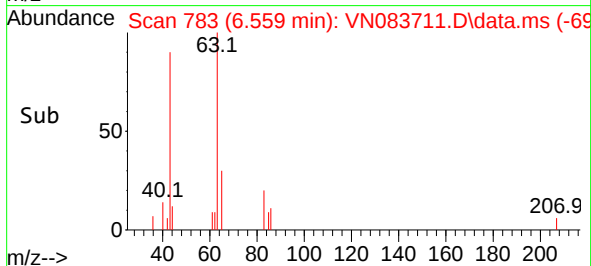
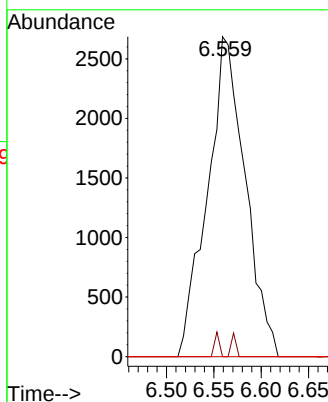
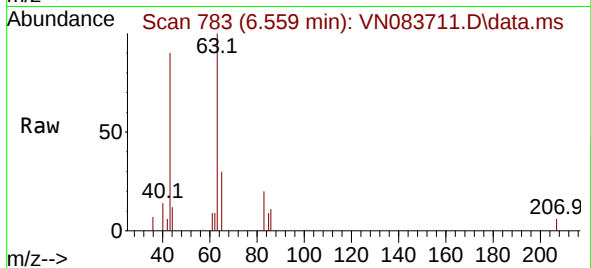
#21
1,1-Dichloroethane
Concen: 2.210 ug/l
RT: 6.559 min Scan# 744
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 63 Resp: 744
Ion Ratio Lower Upper
63 100
98 0.0 4.1 12.3
100 0.0 3.0 9.0

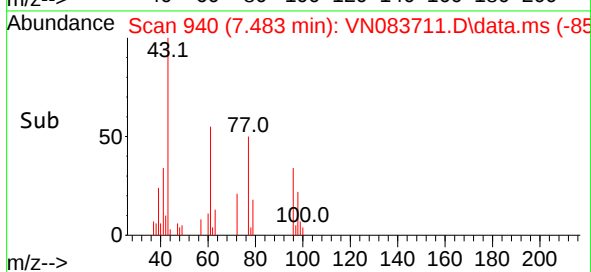
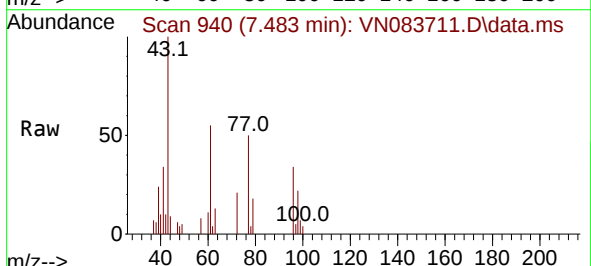
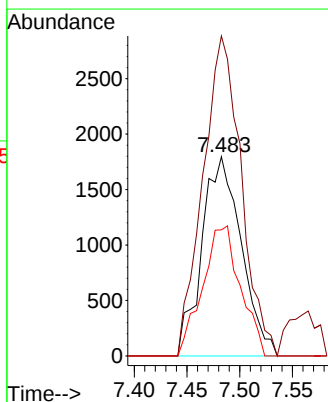
Manual Integrations
APPROVED

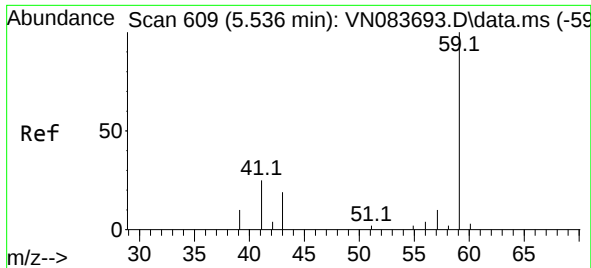
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#22
cis-1,2-Dichloroethene
Concen: 2.224 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

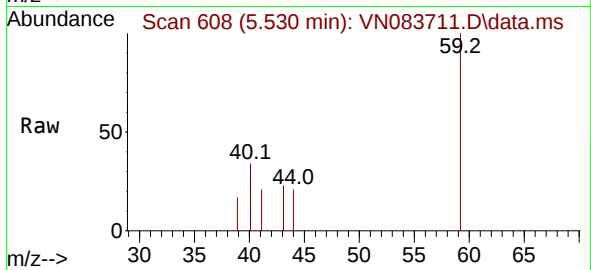
Tgt Ion: 96 Resp: 4674
Ion Ratio Lower Upper
96 100
61 156.0 113.5 170.3
98 62.5 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 10.901 ug/l m
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

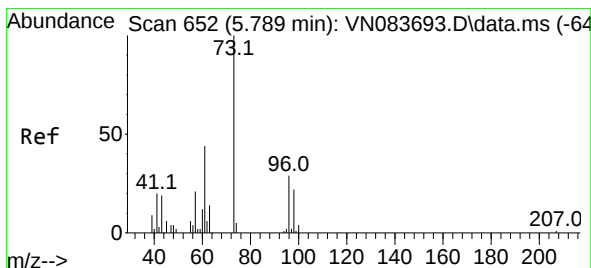
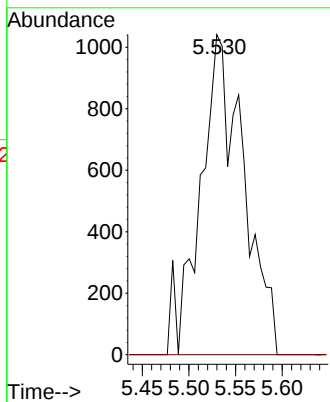
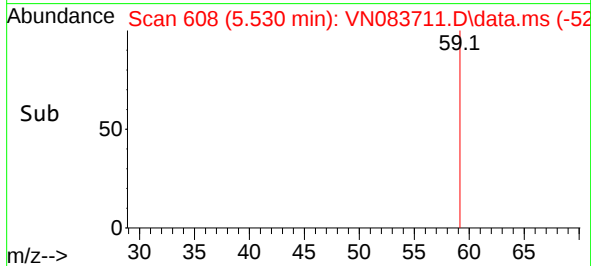
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 59 Resp: 325
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

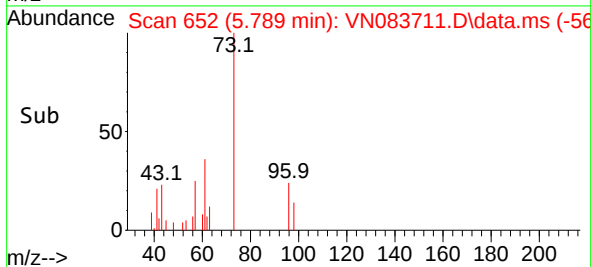
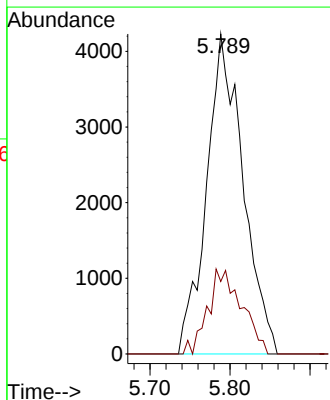
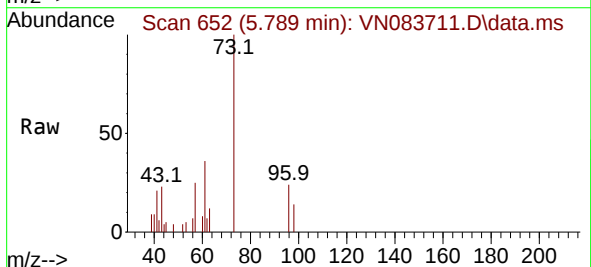
Manual Integrations
APPROVED

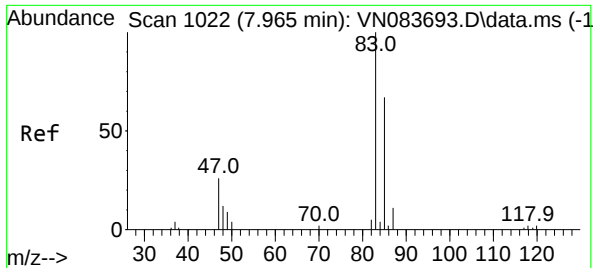
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#24
Methyl tert-Butyl Ether
Concen: 2.259 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion: 73 Resp: 13376
Ion Ratio Lower Upper
73 100
43 19.1 13.4 20.2





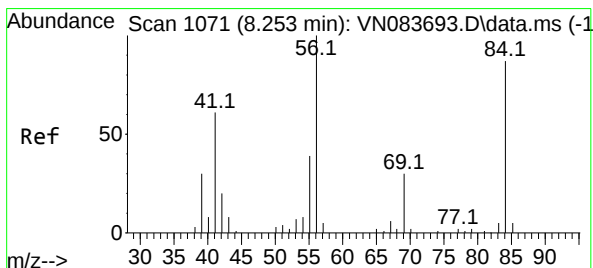
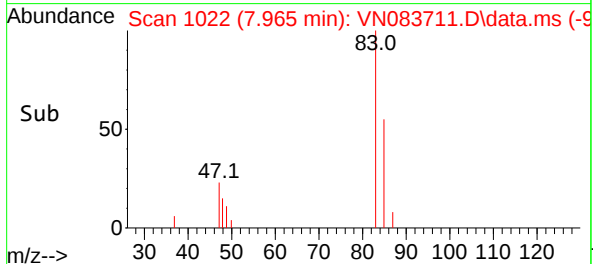
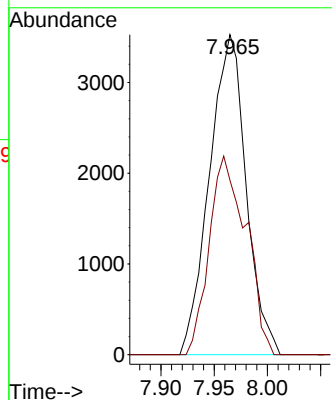
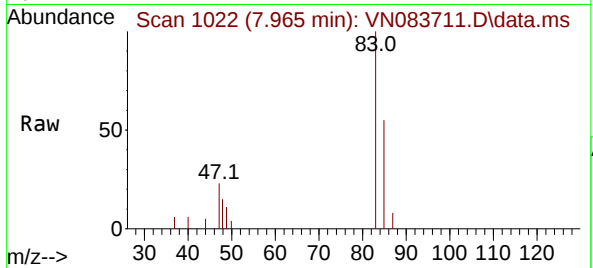
#25
Chloroform
Concen: 2.366 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 83 Resp: 844
Ion Ratio Lower Upper
83 100
85 54.5 50.9 76.3

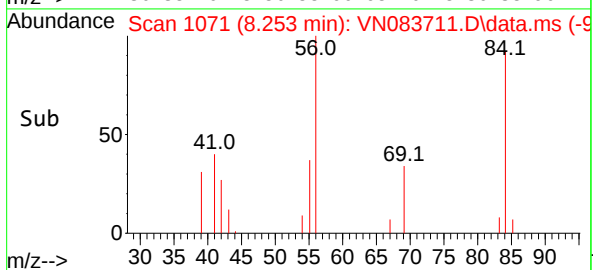
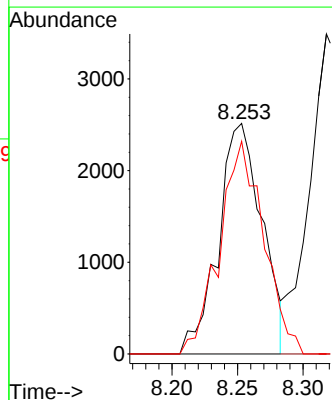
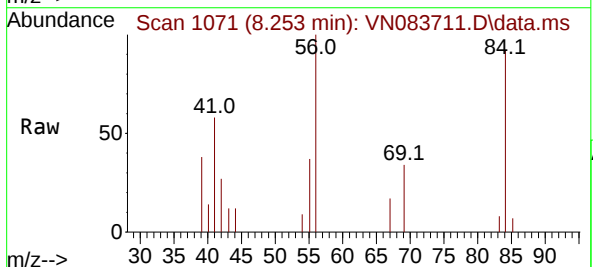
Manual Integrations
APPROVED

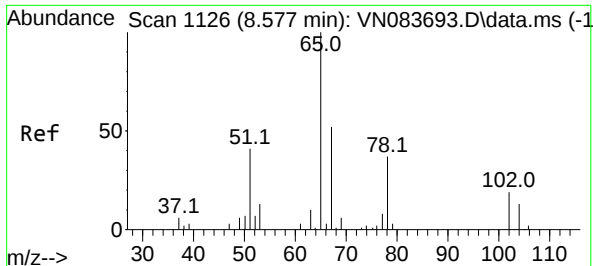
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#26
Cyclohexane
Concen: 1.964 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion: 56 Resp: 5828
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 93.4 71.3 106.9





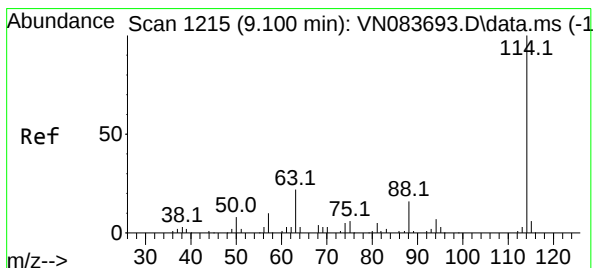
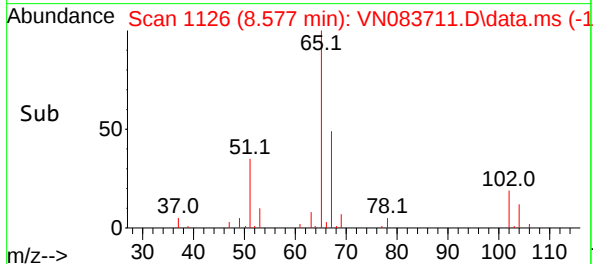
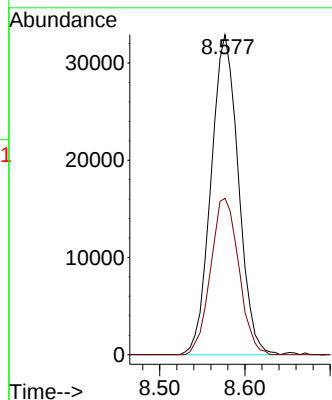
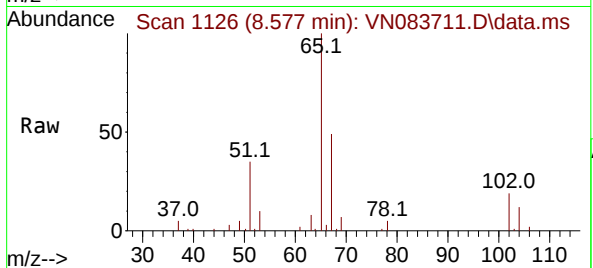
#27
1,2-Dichloroethane-d4
Concen: 29.964 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 65 Resp: 73430
Ion Ratio Lower Upper
65 100
67 50.4 43.2 64.8

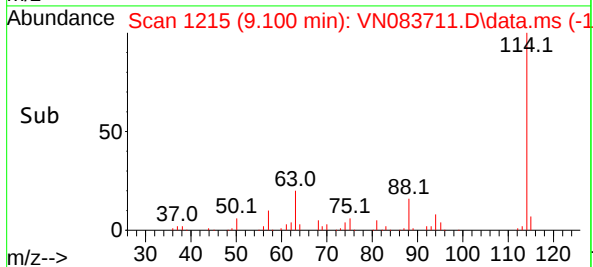
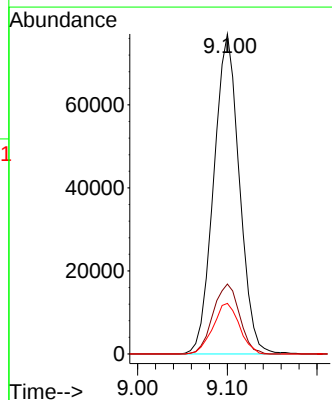
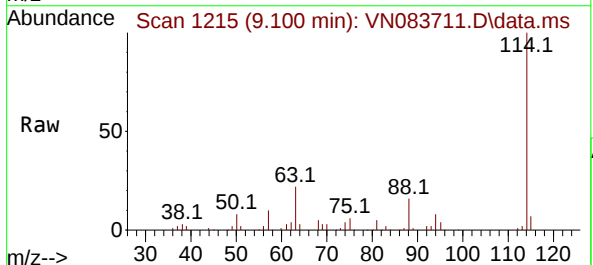
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion:114 Resp: 152873
Ion Ratio Lower Upper
114 100
63 22.6 15.9 23.9
88 16.3 12.7 19.1





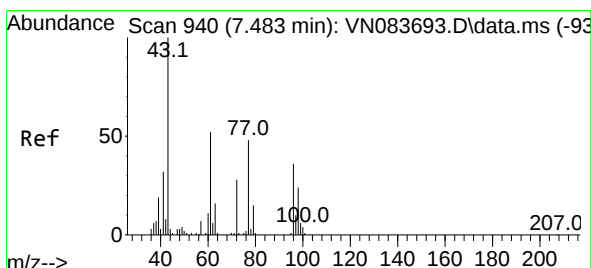
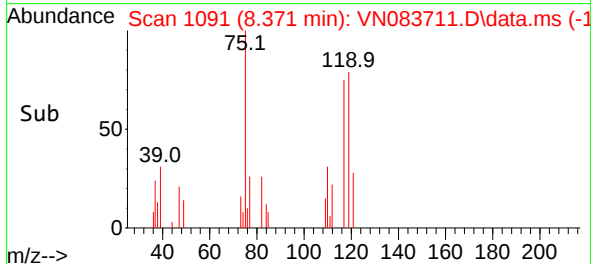
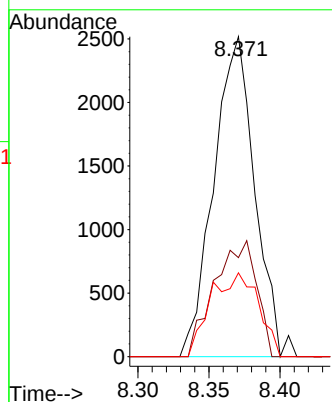
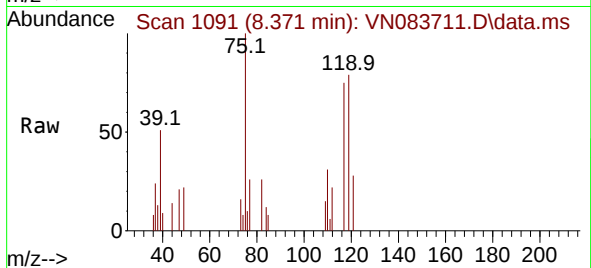
#29
1,1-Dichloropropene
Concen: 2.067 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 75	Resp: 501
Ion Ratio	Lower Upper
75 100	
110 37.5	0.0 70.2
77 19.5	0.0 61.4

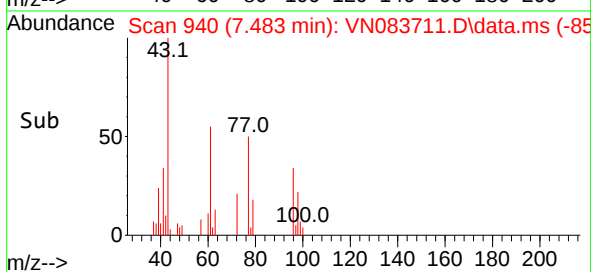
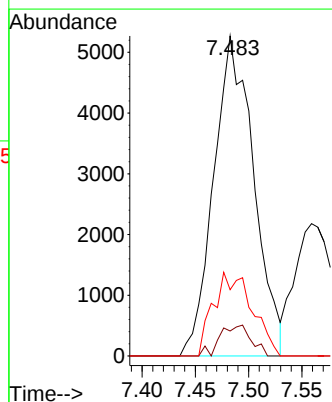
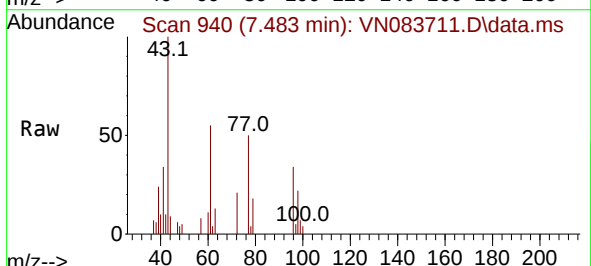
Manual Integrations
APPROVED

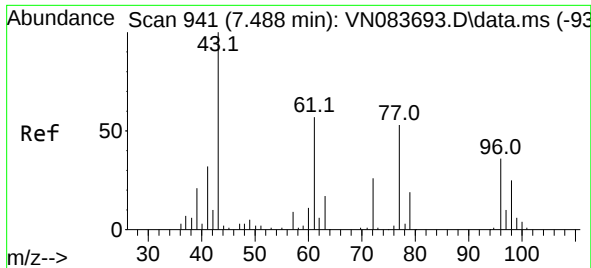
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#30
2-Butanone
Concen: 12.052 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

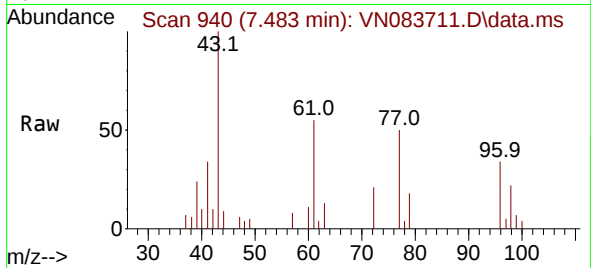
Tgt Ion: 43	Resp: 13776
Ion Ratio	Lower Upper
43 100	
57 2.9	6.7 10.1#
72 12.1	24.0 36.0#





#31
2,2-Dichloropropane
Concen: 2.361 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

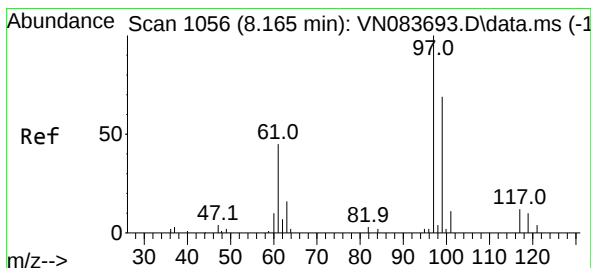
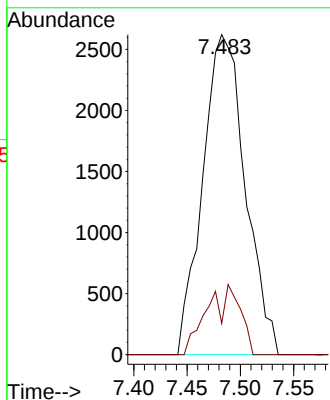
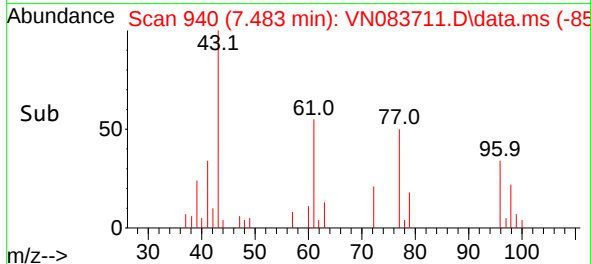
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



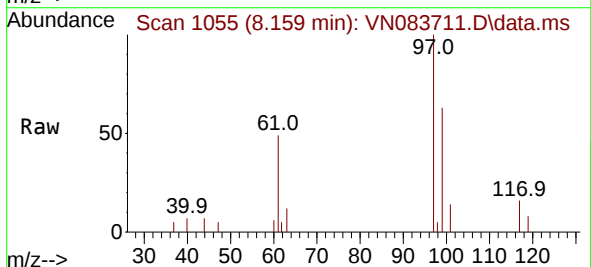
Tgt Ion: 77 Resp: 7299
Ion Ratio Lower Upper
77 100
97 8.0 18.3 27.5

Manual Integrations
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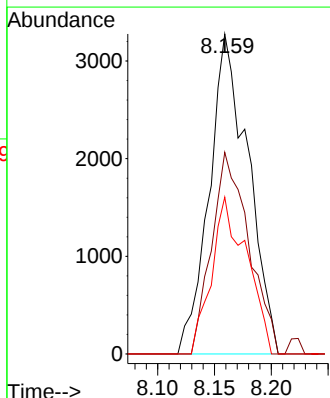
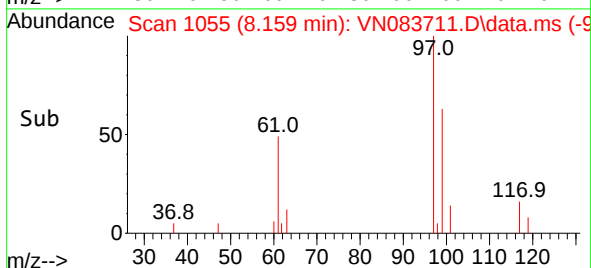
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

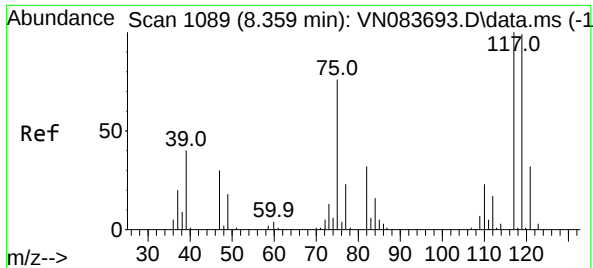


#32
1,1,1-Trichloroethane
Concen: 2.412 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



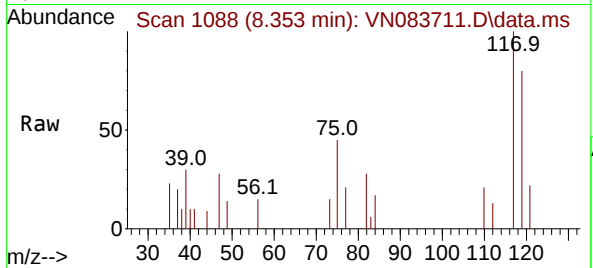
Tgt Ion: 97 Resp: 7810
Ion Ratio Lower Upper
97 100
99 60.3 51.0 76.4
61 30.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 2.309 ug/l
RT: 8.353 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

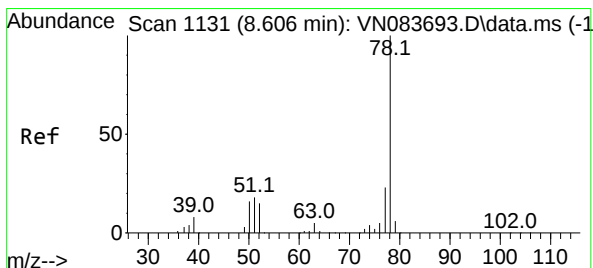
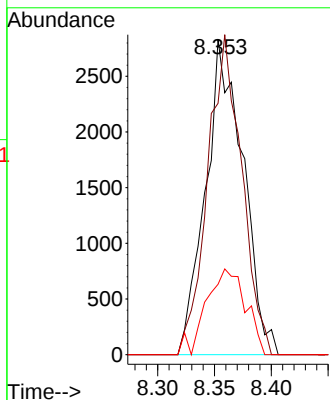
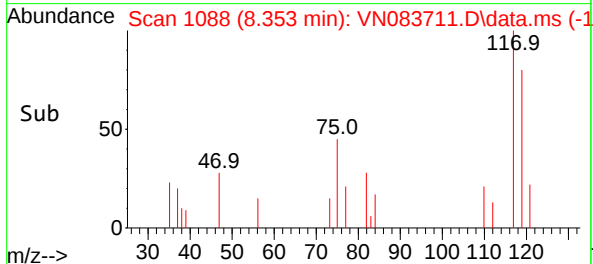
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 117 Resp: 6470
Ion Ratio Lower Upper
117 100
119 79.7 77.7 116.5
121 22.4 27.0 40.6

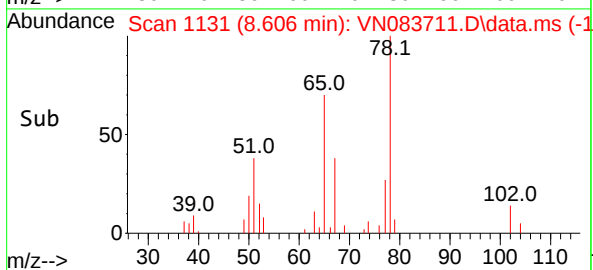
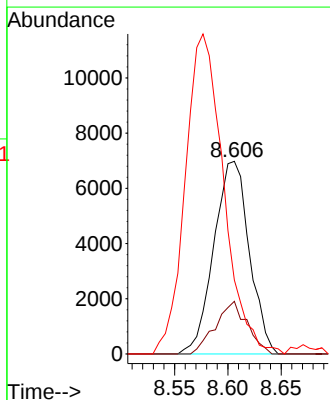
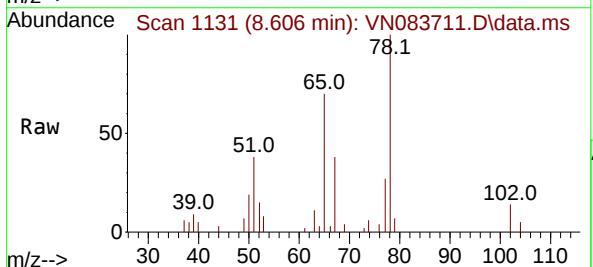
Manual Integrations
APPROVED

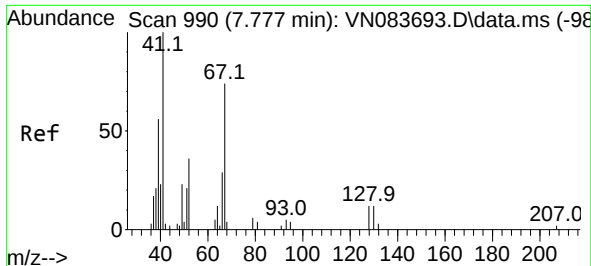
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#34
Benzene
Concen: 2.220 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

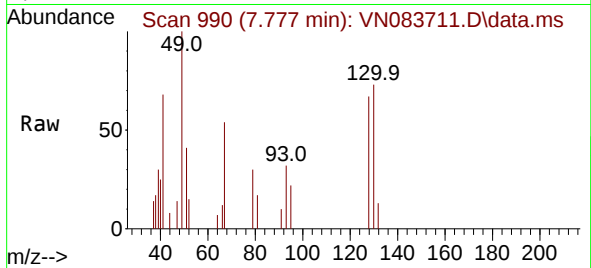
Tgt Ion: 78 Resp: 16150
Ion Ratio Lower Upper
78 100
77 27.4 19.2 28.8
51 35.7 13.3 19.9





#35
Methacrylonitrile
Concen: 2.790 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

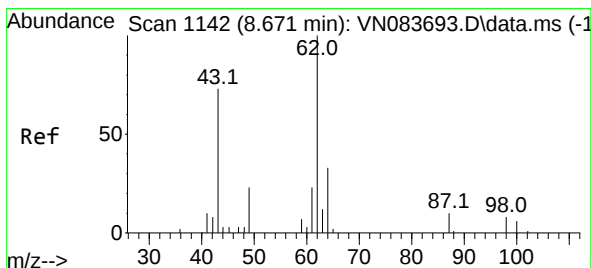
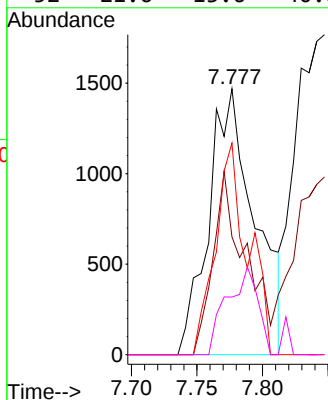
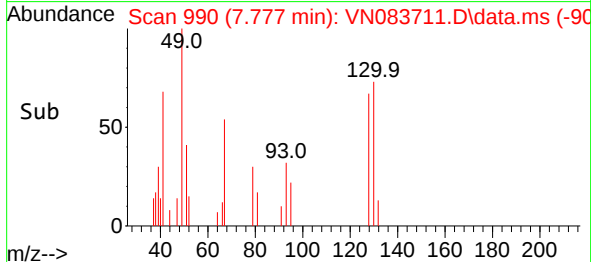
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 41 Resp: 358
Ion Ratio Lower Upper
41 100
39 44.3 25.3 75.9
67 79.6 38.7 116.1
52 21.6 13.6 40.8

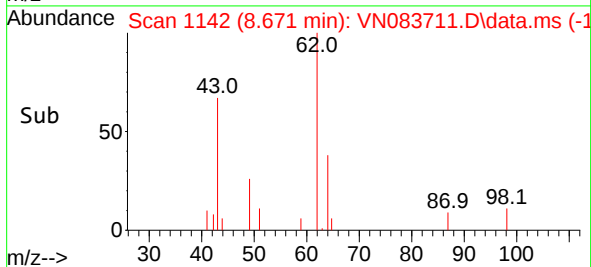
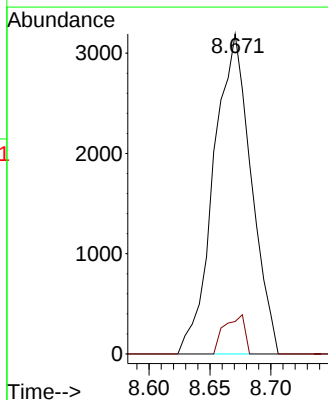
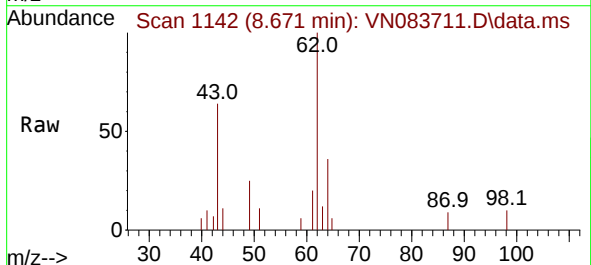
Manual Integrations
APPROVED

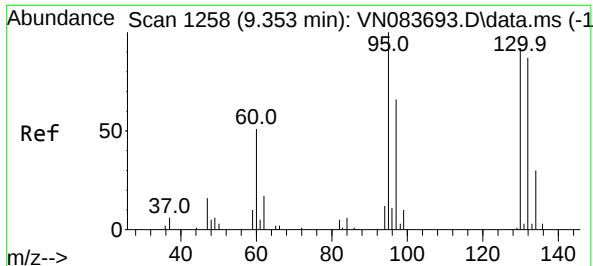
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#36
1,2-Dichloroethane
Concen: 2.502 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion: 62 Resp: 6842
Ion Ratio Lower Upper
62 100
98 6.6 8.2 12.4#





#37

Trichloroethene

Concen: 2.396 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:130 Resp: 409

Ion Ratio Lower Upper

130 100

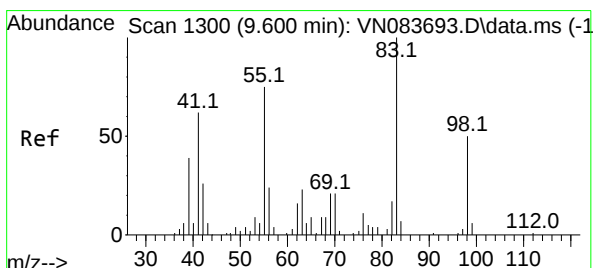
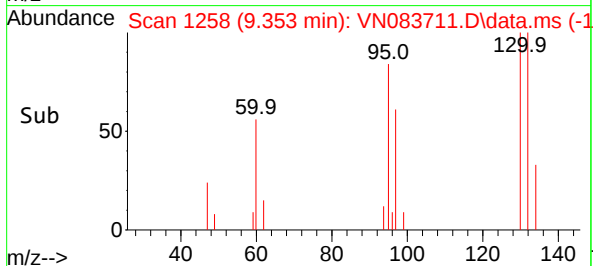
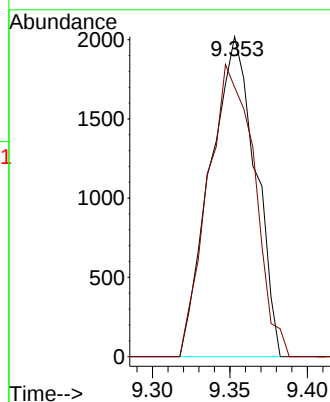
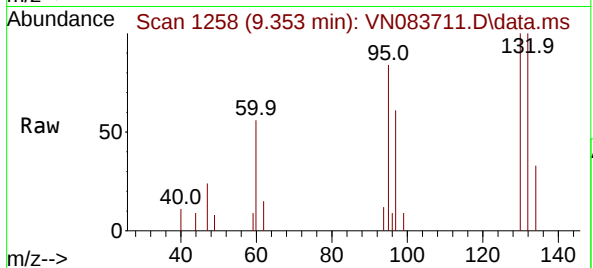
95 84.2 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#38

Methylcyclohexane

Concen: 2.102 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

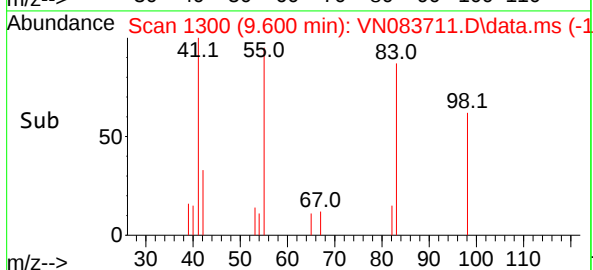
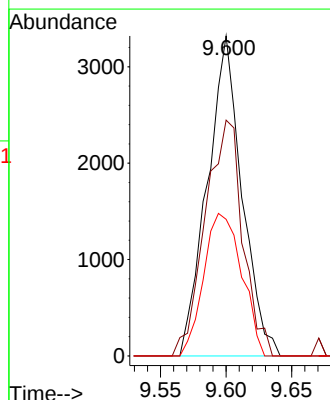
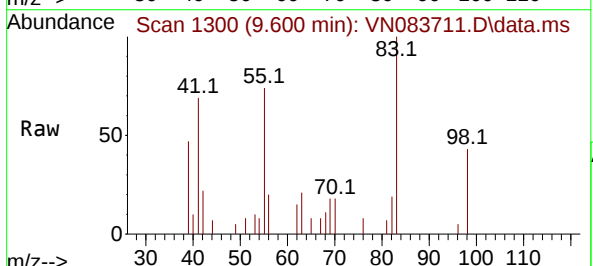
Tgt Ion: 83 Resp: 6103

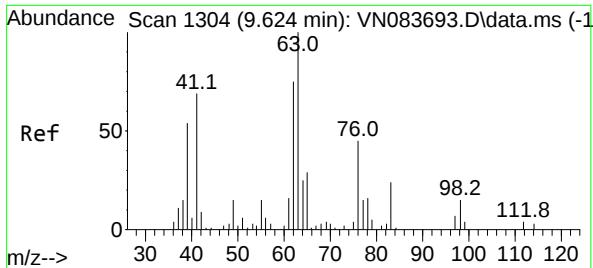
Ion Ratio Lower Upper

83 100

55 79.9 36.6 109.9

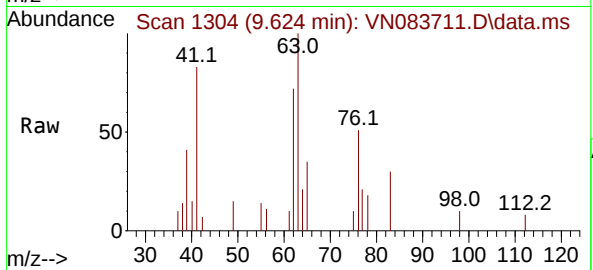
98 48.9 23.8 71.5





#39
1,2-Dichloropropane
Concen: 2.331 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

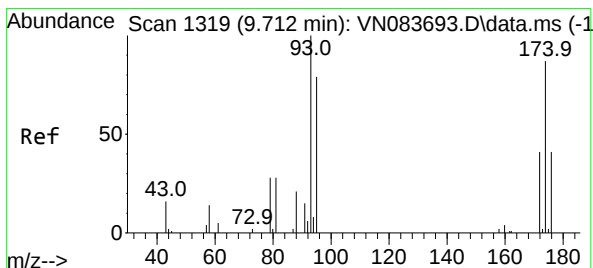
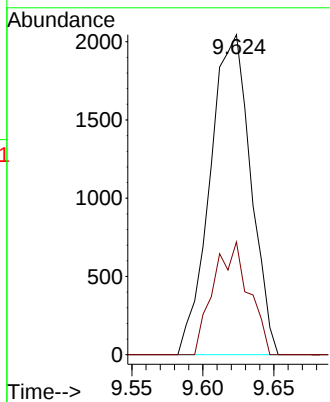
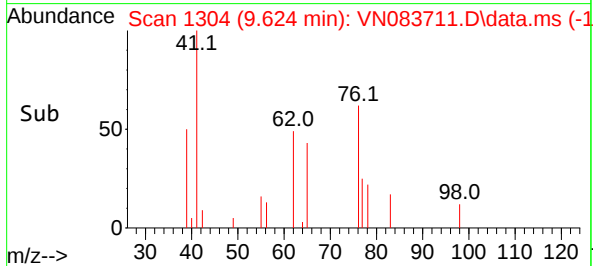
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



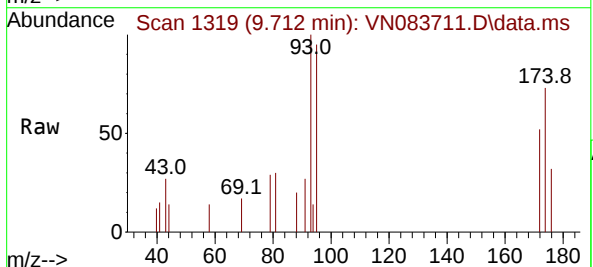
Tgt Ion: 63 Resp: 408
Ion Ratio Lower Upper
63 100
65 35.3 25.0 37.4

Manual Integrations
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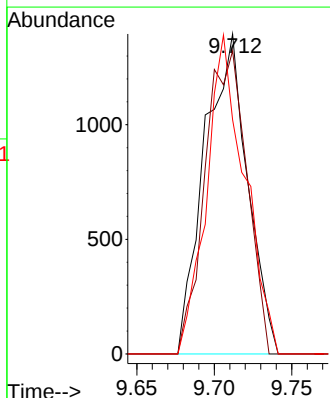
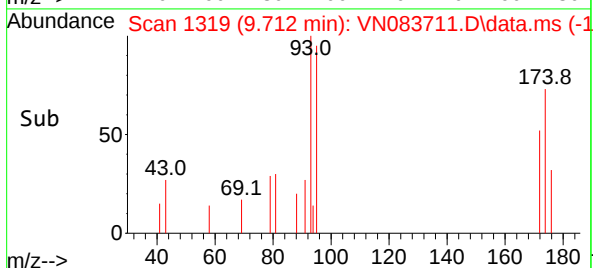
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

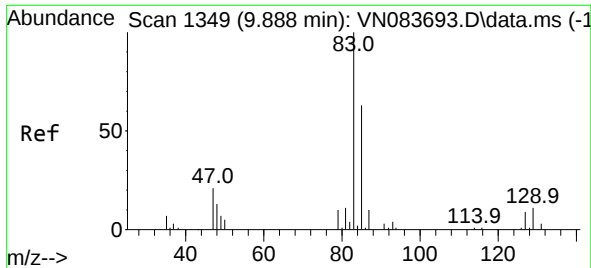


#40
Dibromomethane
Concen: 2.101 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



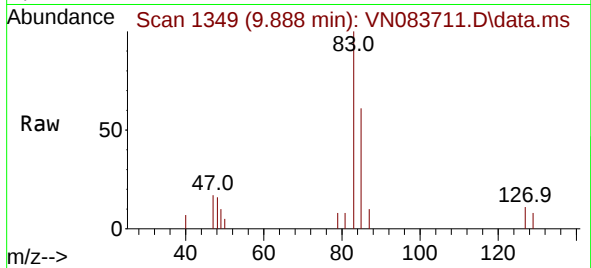
Tgt Ion: 93 Resp: 2690
Ion Ratio Lower Upper
93 100
95 92.0 0.0 164.6
174 88.3 0.0 193.2





#41
Bromodichloromethane
Concen: 2.216 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

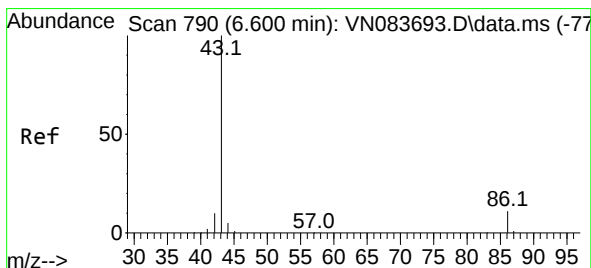
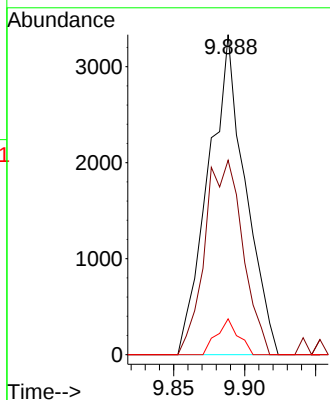
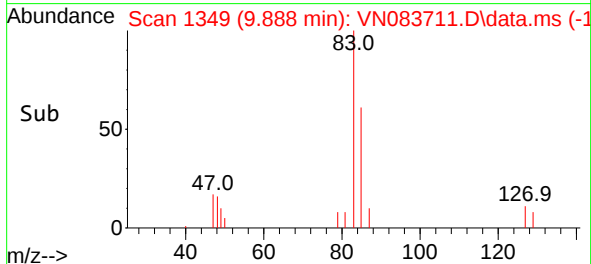
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



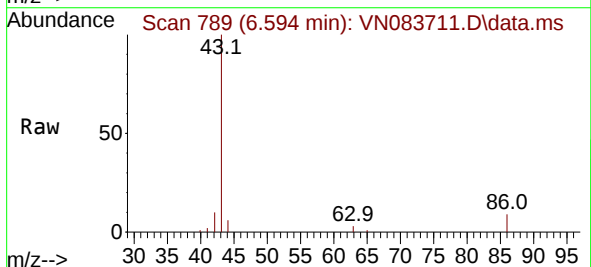
Tgt Ion: 83 Resp: 6032
Ion Ratio Lower Upper
83 100
85 60.8 49.4 74.2
127 11.2 7.3 10.9

Manual Integrations
APPROVED

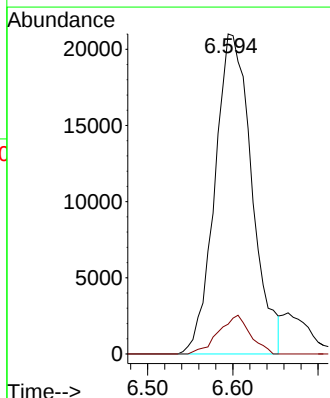
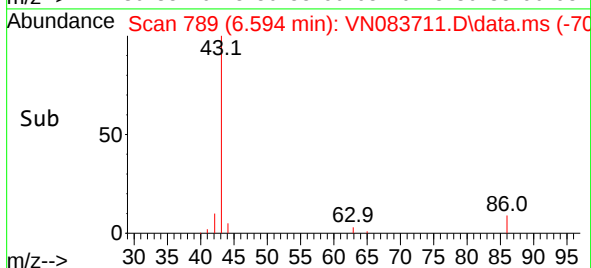
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

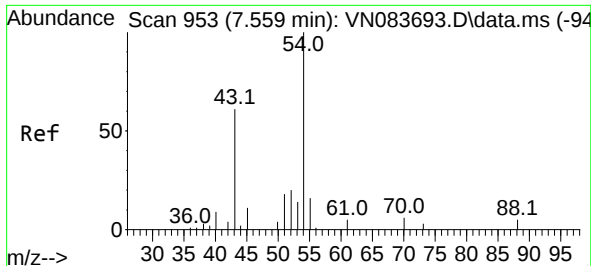


#42
Vinyl Acetate
Concen: 13.455 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



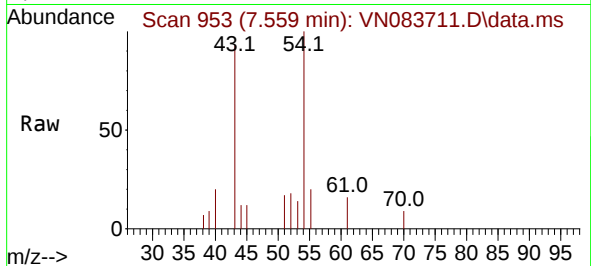
Tgt Ion: 43 Resp: 63232
Ion Ratio Lower Upper
43 100
86 10.4 9.4 14.2





#43
Ethyl Acetate
Concen: 2.454 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

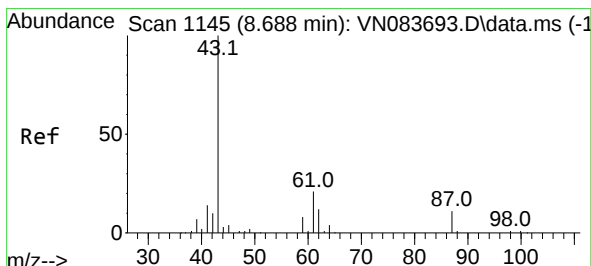
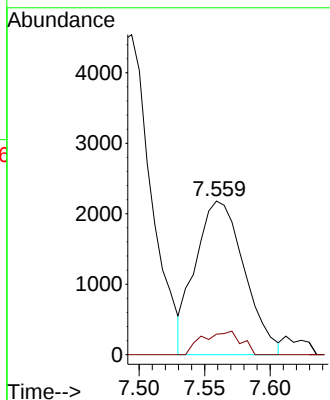
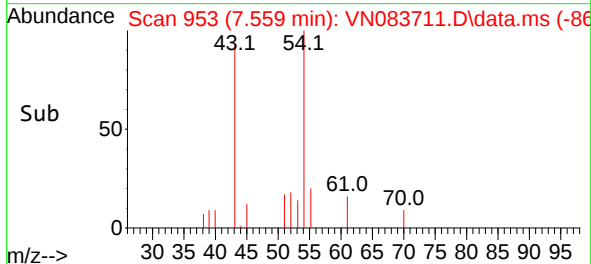
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 5640
Ion Ratio Lower Upper
43 100
45 12.0 10.6 15.8

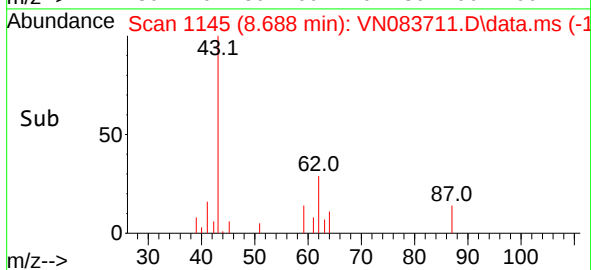
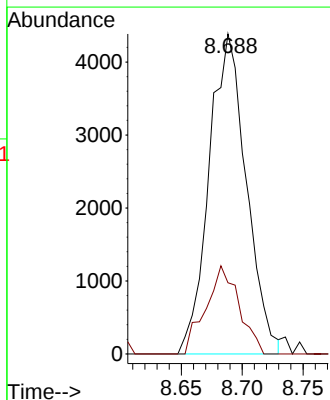
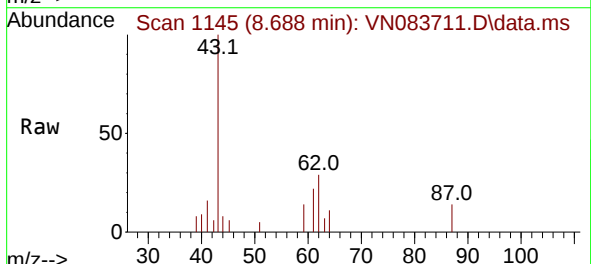
Manual Integrations
APPROVED

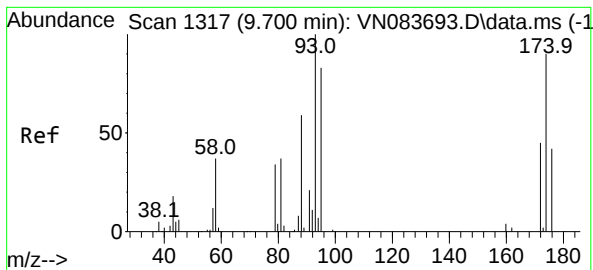
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#44
Isopropyl Acetate
Concen: 2.347 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion: 43 Resp: 9339
Ion Ratio Lower Upper
43 100
61 24.6 25.0 37.4#





#45

1,4-Dioxane

Concen: 48.427 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 88 Resp: 1500

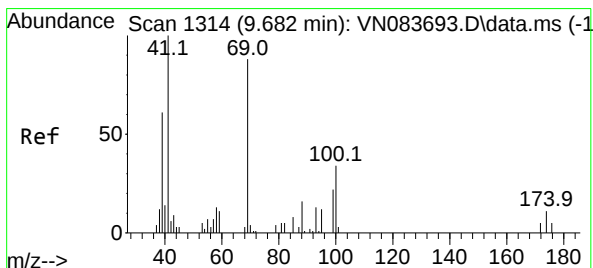
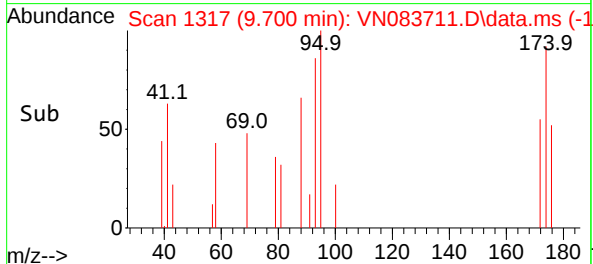
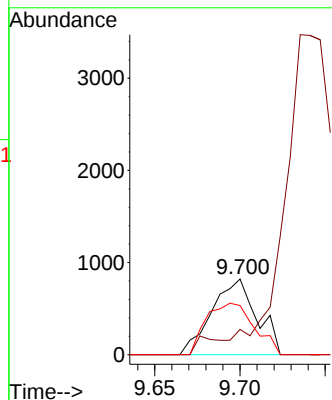
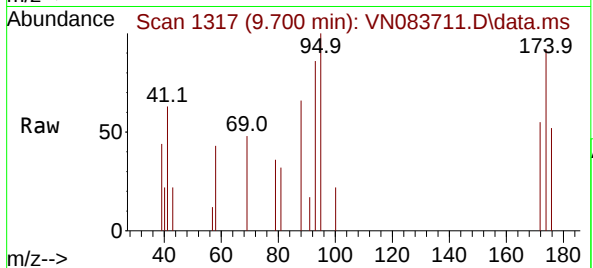
Ion	Ratio	Lower	Upper
88	100		
43	12.4	19.8	29.6
58	72.6	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#46

Methyl methacrylate

Concen: 2.382 ug/l

RT: 9.677 min Scan# 1313

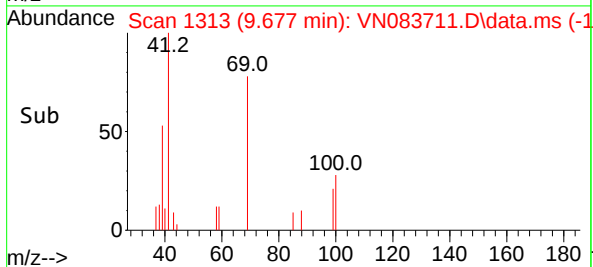
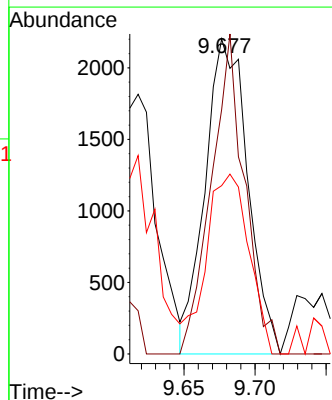
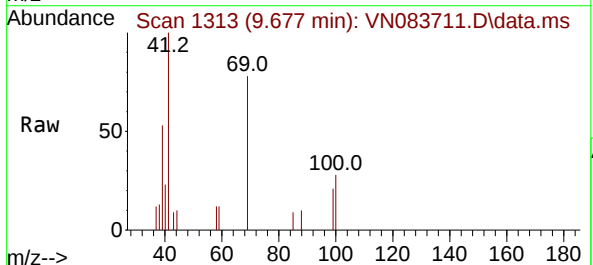
Delta R.T. -0.006 min

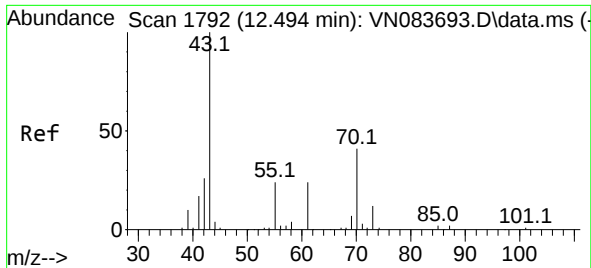
Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Tgt Ion: 41 Resp: 4587

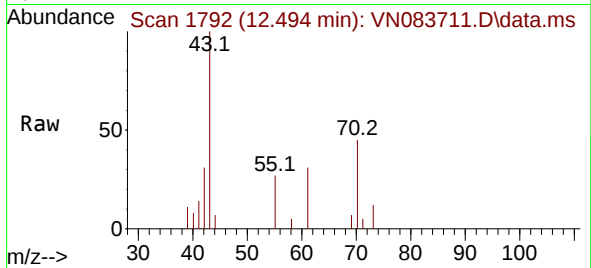
Ion	Ratio	Lower	Upper
41	100		
69	77.6	51.1	153.3
39	53.5	25.8	77.3





#47
n-amyl acetate
Concen: 1.804 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

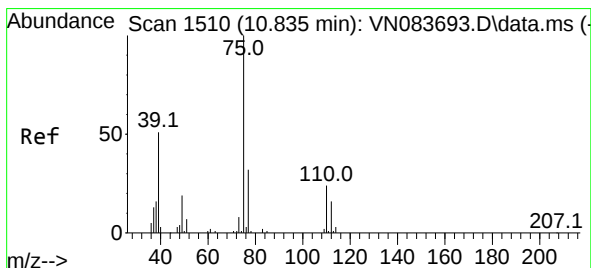
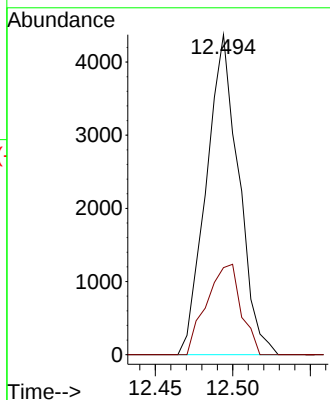
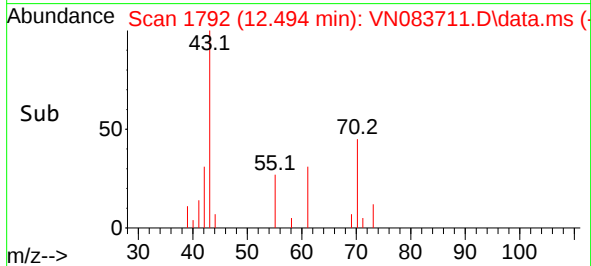
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 6358
Ion Ratio Lower Upper
43 100
55 29.9 23.4 35.2

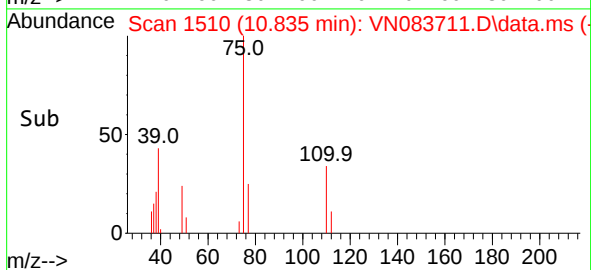
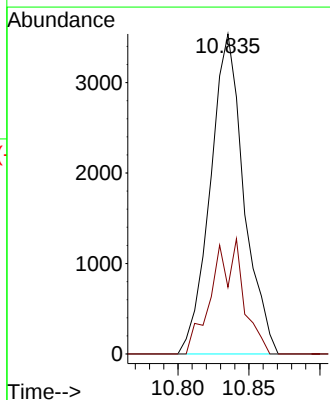
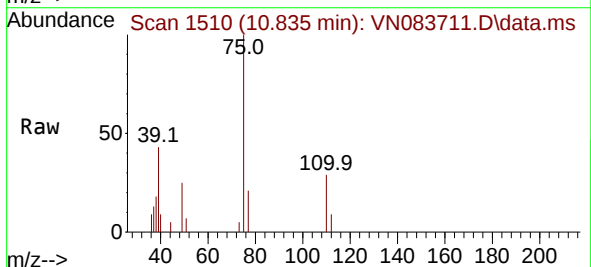
Manual Integrations
APPROVED

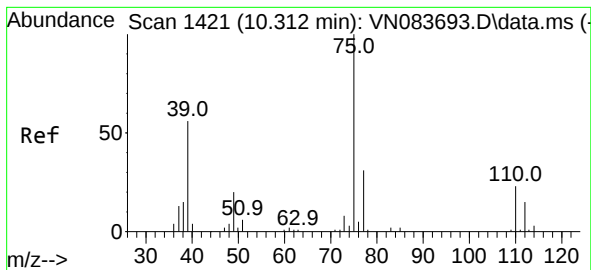
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#48
t-1,3-Dichloropropene
Concen: 2.034 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

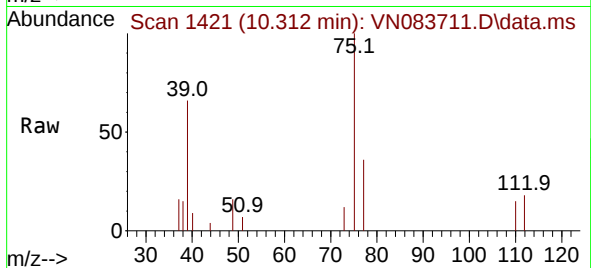
Tgt Ion: 75 Resp: 5824
Ion Ratio Lower Upper
75 100
77 20.8 23.8 35.6#





#49
cis-1,3-Dichloropropene
Concen: 2.083 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

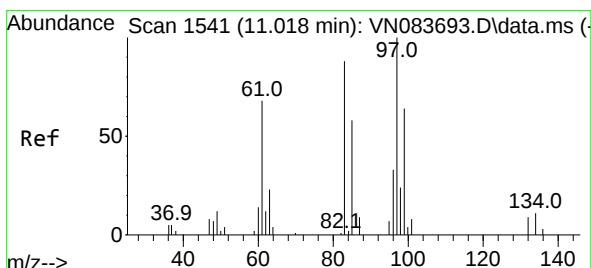
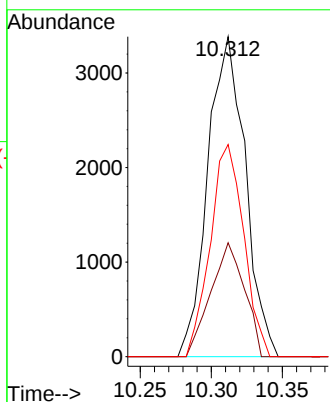
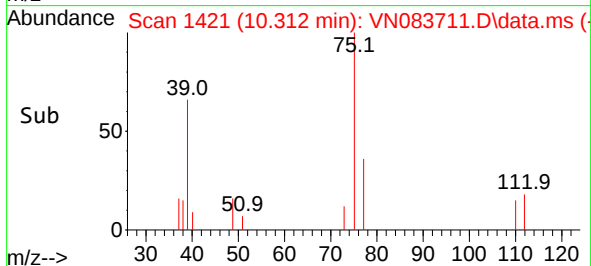
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
77 35.6 24.9 37.3
39 66.3 31.0 46.6

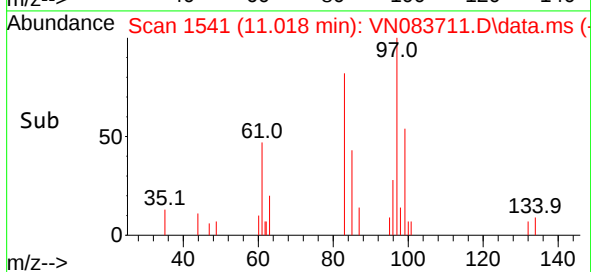
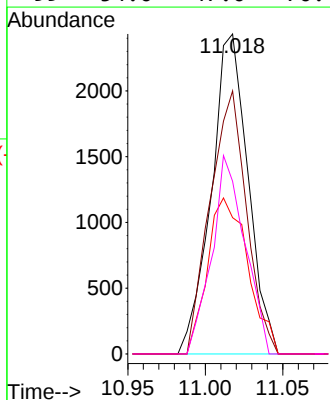
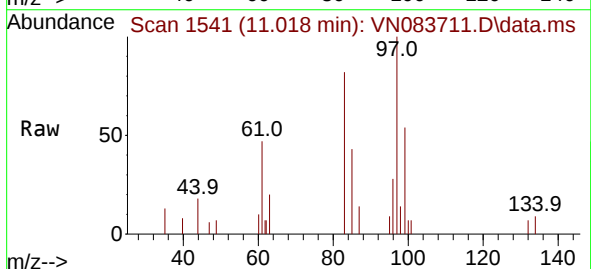
Manual Integrations
APPROVED

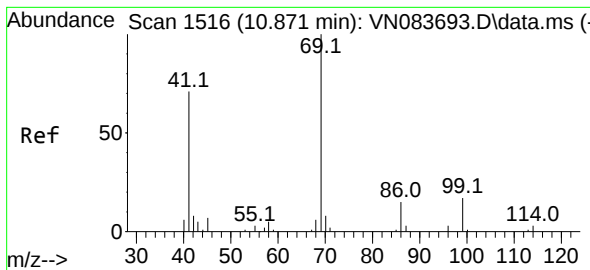
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#50
1,1,2-Trichloroethane
Concen: 2.464 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

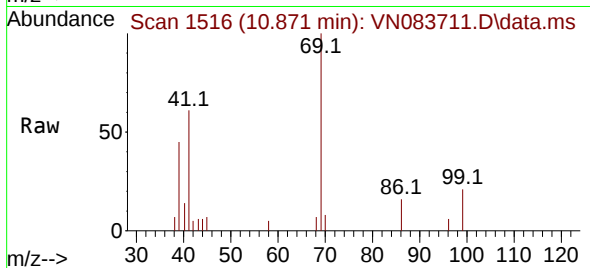
Tgt Ion: 97 Resp: 4014
Ion Ratio Lower Upper
97 100
83 82.2 68.1 102.1
85 42.6 41.8 62.6
99 54.0 47.0 70.4





#51
Ethyl methacrylate
Concen: 2.164 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

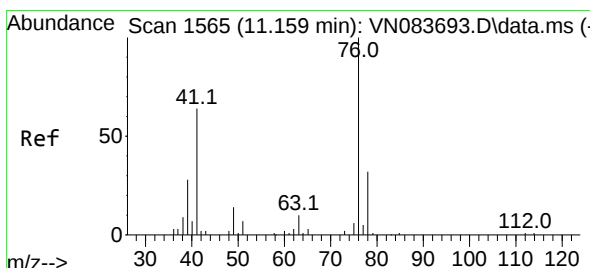
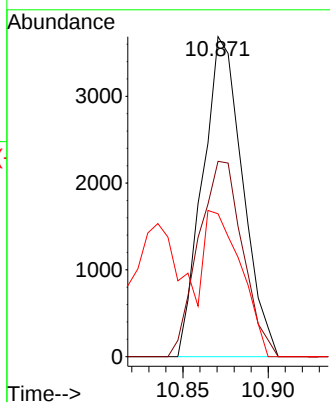
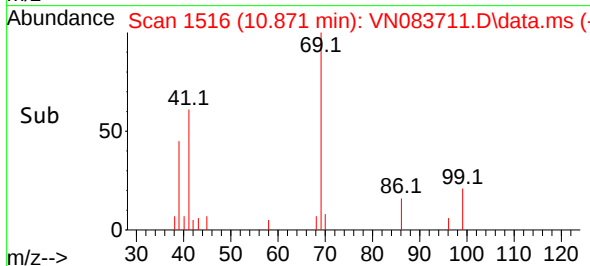
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 69 Resp: 6024
Ion Ratio Lower Upper
69 100
41 61.0 25.5 76.5
39 44.6 16.0 47.9

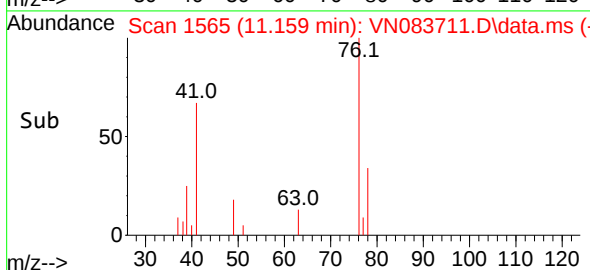
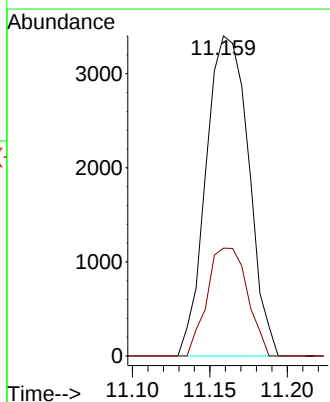
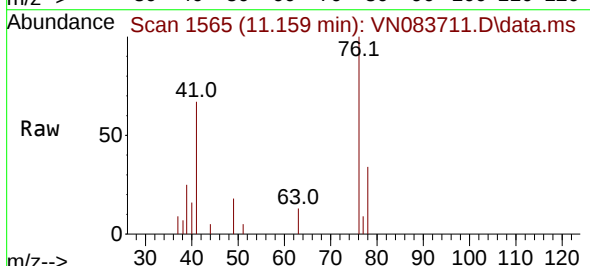
Manual Integrations
APPROVED

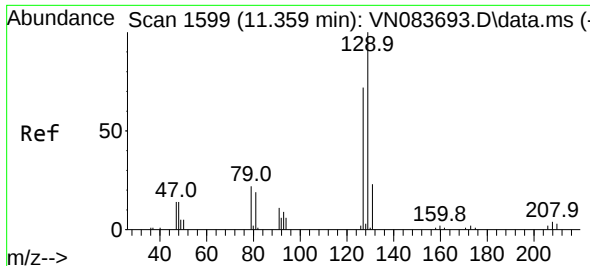
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#52
1,3-Dichloropropane
Concen: 2.208 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion: 76 Resp: 6495
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.8





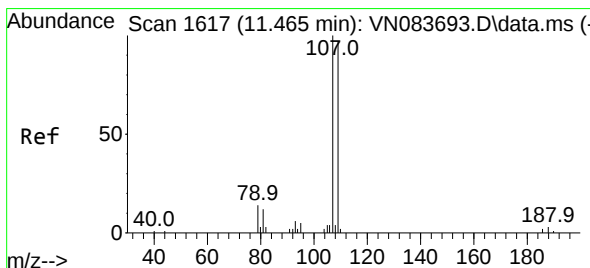
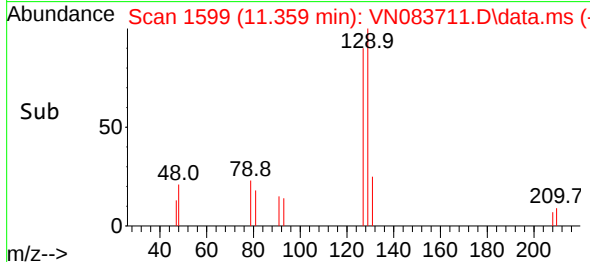
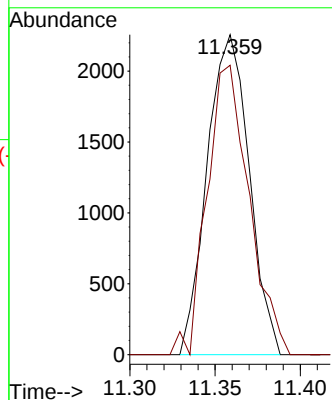
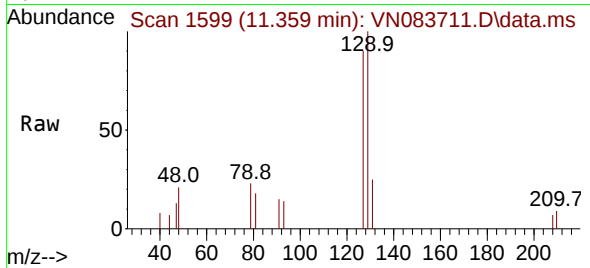
#53
Dibromochloromethane
Concen: 1.985 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:129 Resp: 3879
Ion Ratio Lower Upper
129 100
127 89.0 39.4 118.1

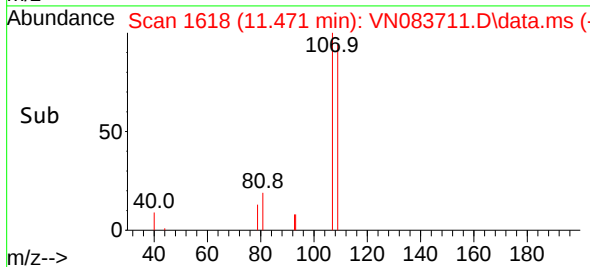
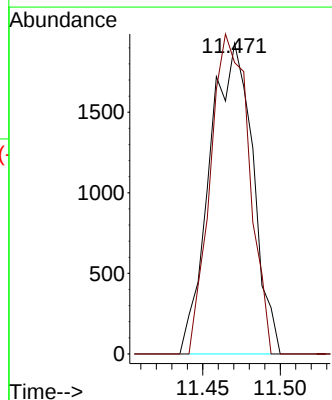
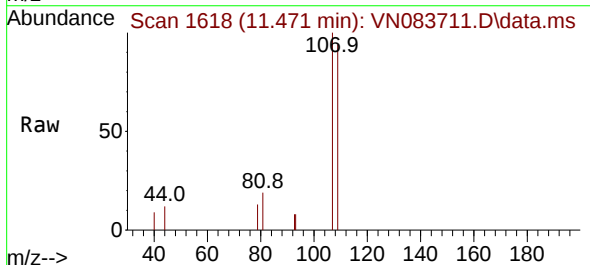
Manual Integrations
APPROVED

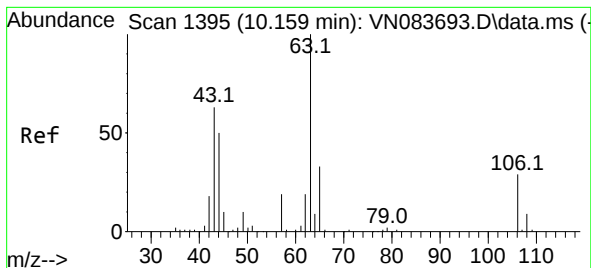
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#54
1,2-Dibromoethane
Concen: 2.215 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion:107 Resp: 3733
Ion Ratio Lower Upper
107 100
109 92.3 74.7 112.1





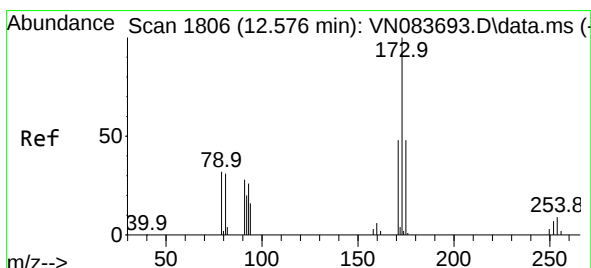
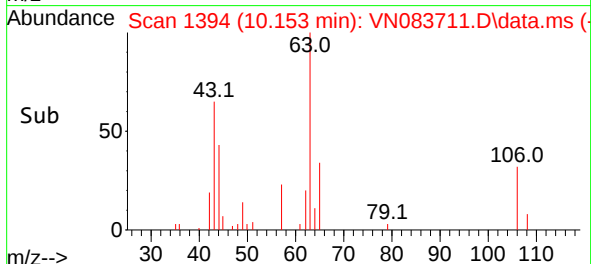
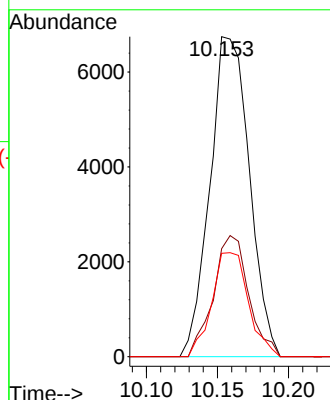
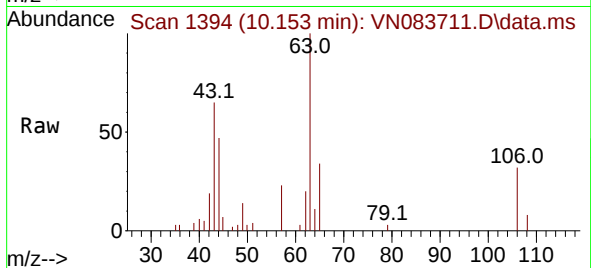
#55
2-Chloroethyl vinyl ether
Concen: 11.754 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 63 Resp: 13038
Ion Ratio Lower Upper
63 100
65 33.9 26.2 39.2
106 30.1 23.8 35.8

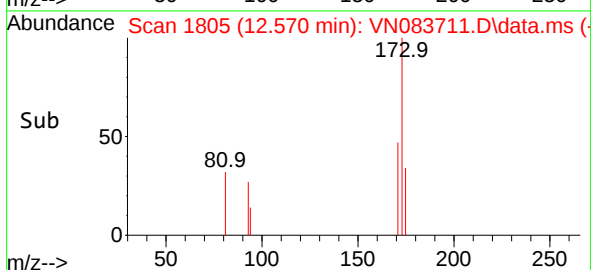
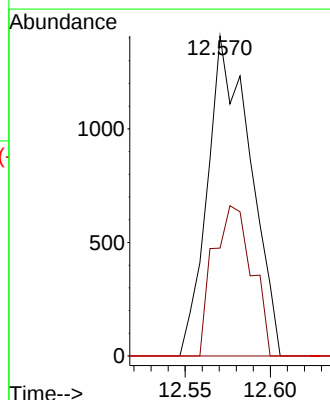
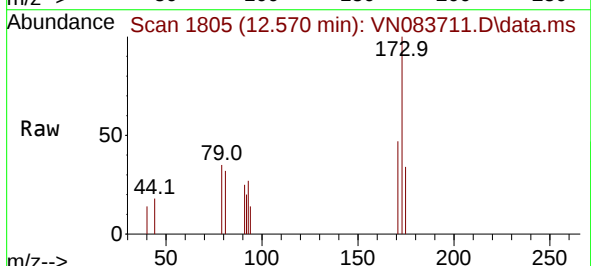
Manual Integrations
APPROVED

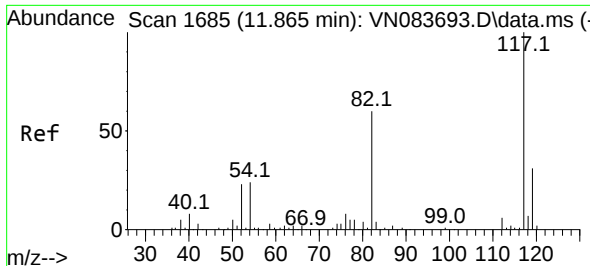
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#56
Bromoform
Concen: 1.983 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

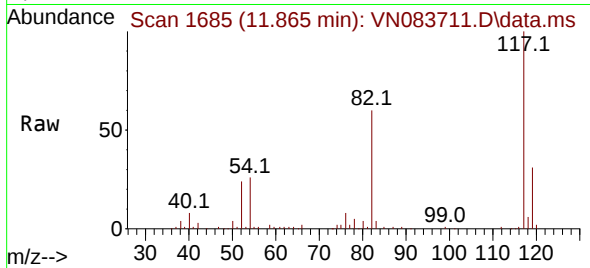
Tgt Ion:173 Resp: 2462
Ion Ratio Lower Upper
173 100
175 42.4 40.0 60.0
254 0.0 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

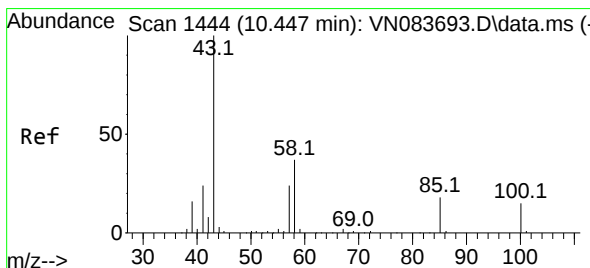
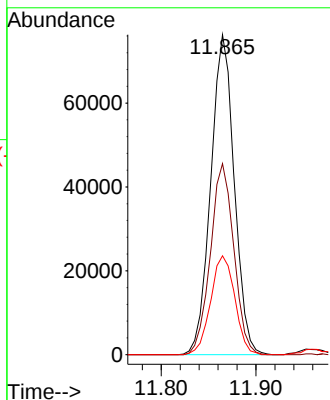
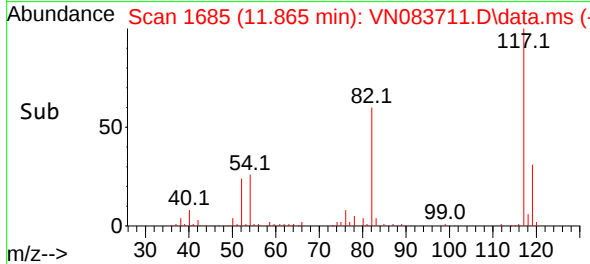
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



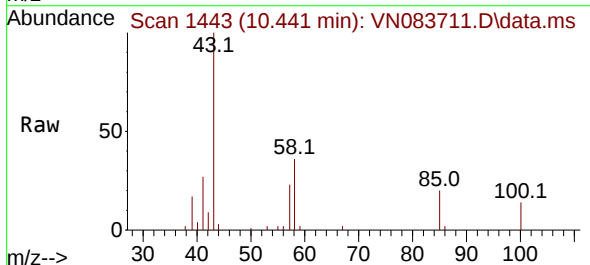
Tgt Ion:117 Resp: 13131
Ion Ratio Lower Upper
117 100
82 59.6 46.6 69.8
119 31.9 25.4 38.2

Manual Integrations
APPROVED

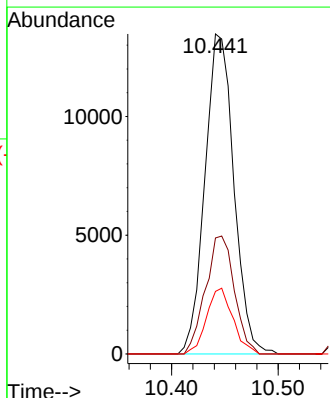
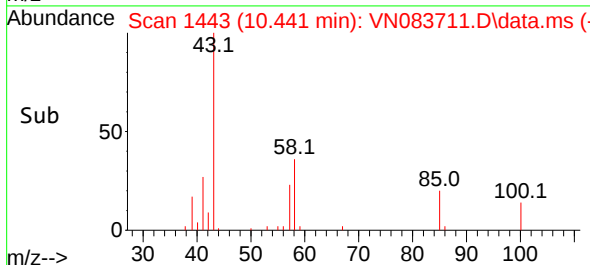
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

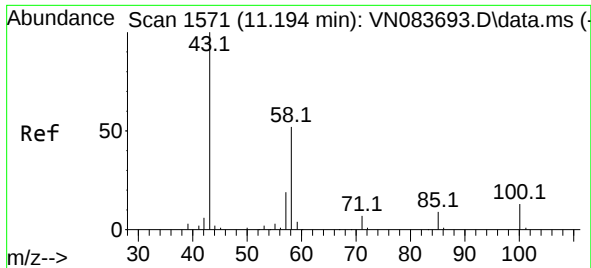


#58
4-Methyl-2-Pentanone
Concen: 12.210 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



Tgt Ion: 43 Resp: 25423
Ion Ratio Lower Upper
43 100
58 36.7 36.5 54.7
85 18.7 19.5 29.3#





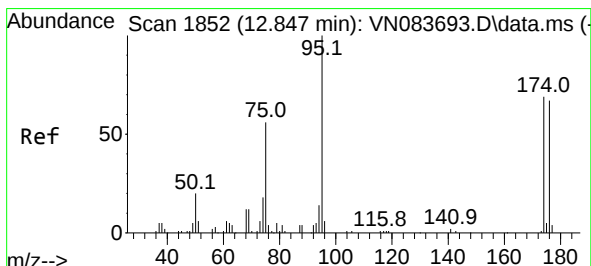
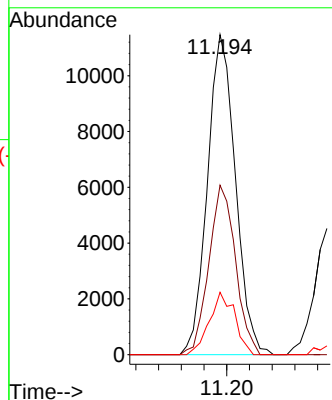
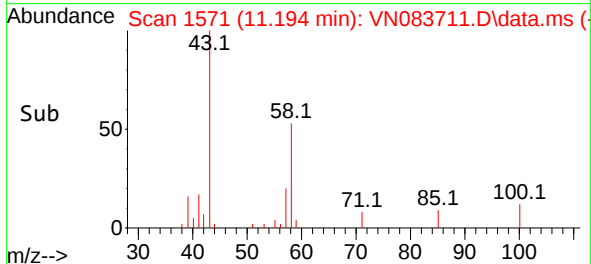
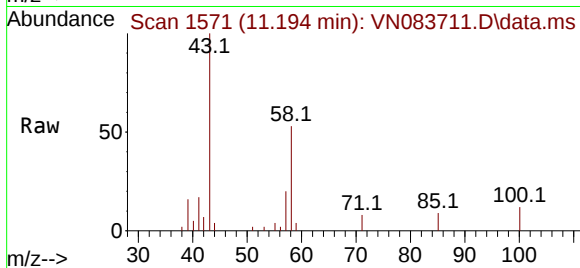
#59
2-Hexanone
Concen: 12.483 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 43 Resp: 19640
Ion Ratio Lower Upper
43 100
58 50.4 50.4 75.6
57 17.7 18.6 27.8

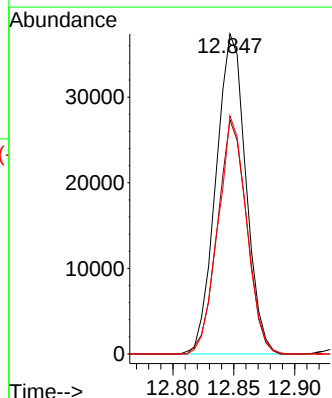
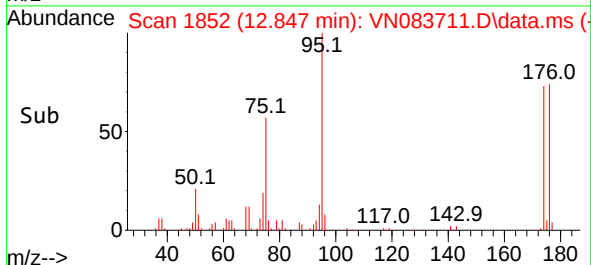
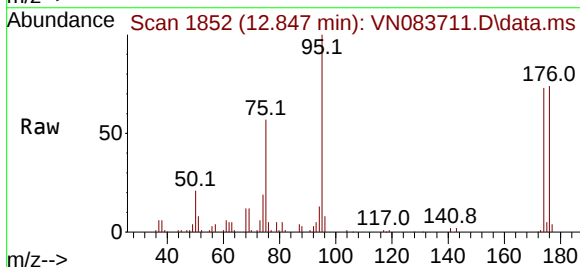
Manual Integrations
APPROVED

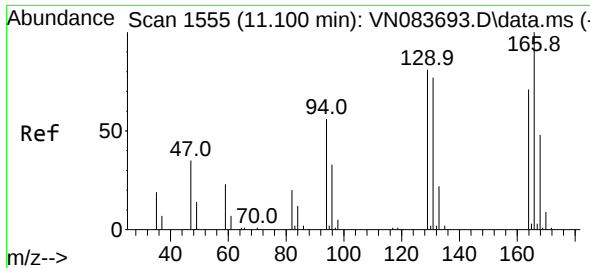
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#60
4-Bromofluorobenzene
Concen: 28.274 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

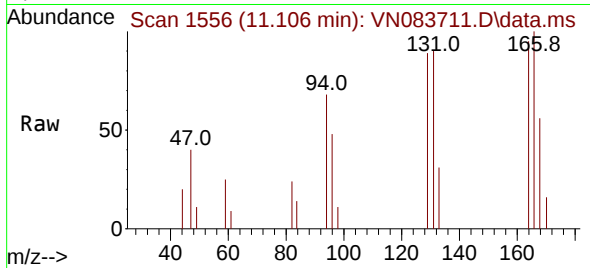
Tgt Ion: 95 Resp: 63990
Ion Ratio Lower Upper
95 100
174 71.5 60.5 90.7
176 71.2 57.8 86.6





#61
Tetrachloroethene
Concen: 2.176 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

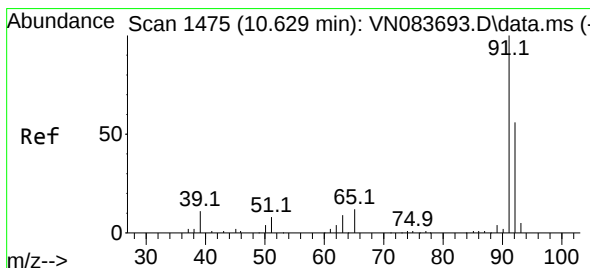
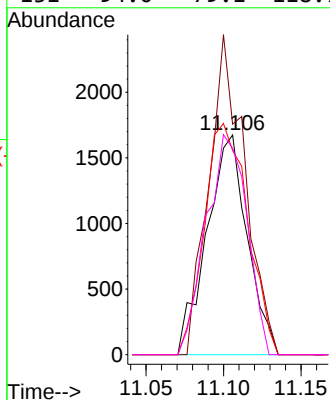
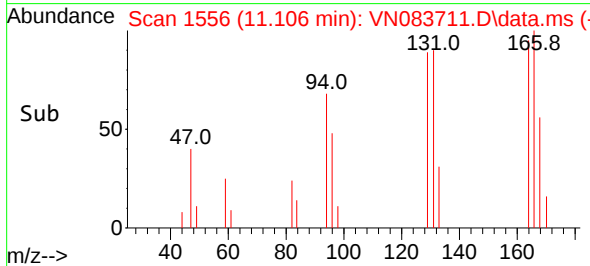
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:164 Resp: 3024
Ion Ratio Lower Upper
164 100
166 105.0 106.7 160.1
129 93.0 85.8 128.6
131 94.0 79.1 118.7

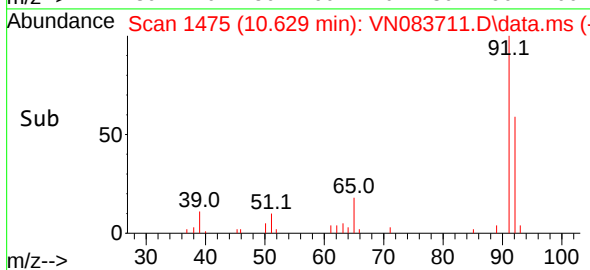
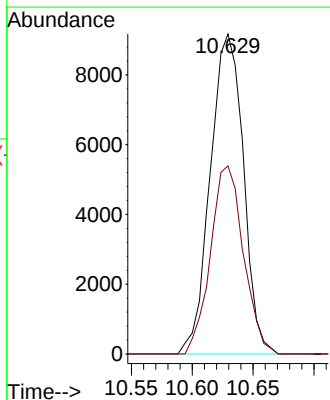
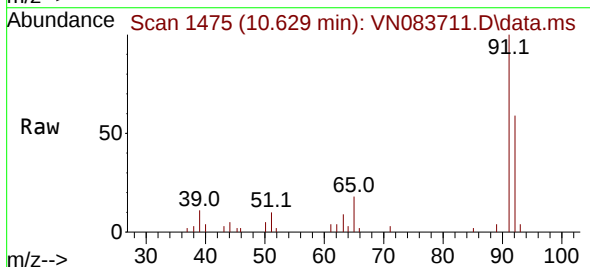
Manual Integrations
APPROVED

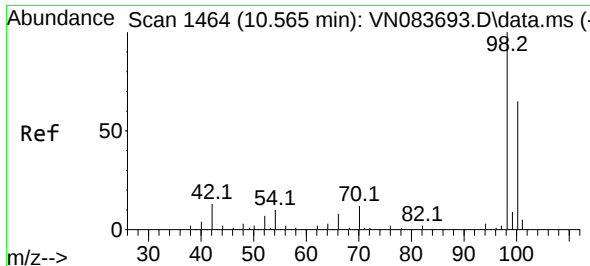
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#62
Toluene
Concen: 2.299 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

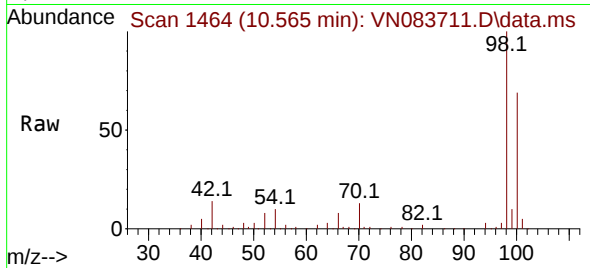
Tgt Ion: 91 Resp: 17349
Ion Ratio Lower Upper
91 100
92 58.5 46.5 69.7





#63
Toluene-d8
Concen: 30.370 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

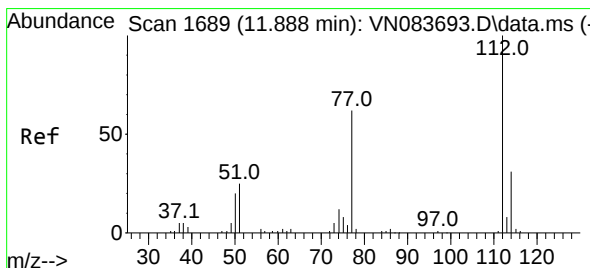
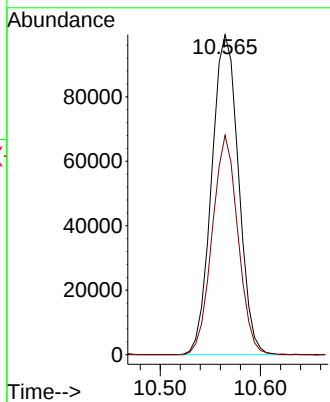
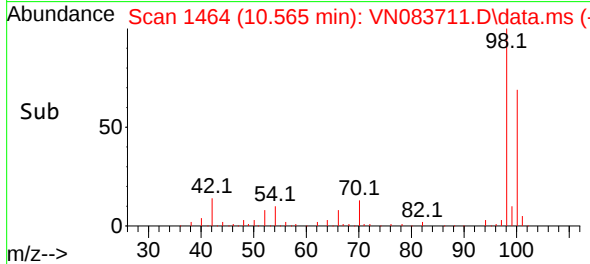
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 98 Resp: 18466
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

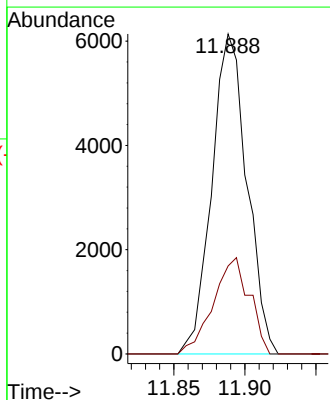
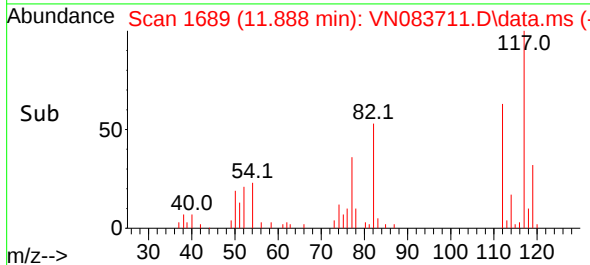
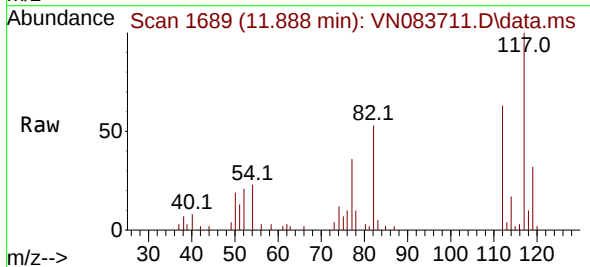
Manual Integrations
APPROVED

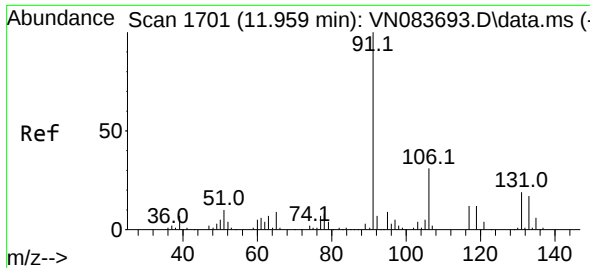
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#64
Chlorobenzene
Concen: 2.257 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion:112 Resp: 10547
Ion Ratio Lower Upper
112 100
114 27.5 26.6 39.8





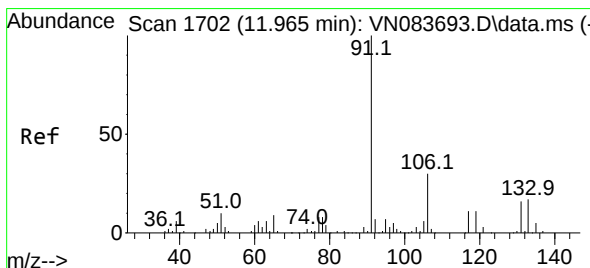
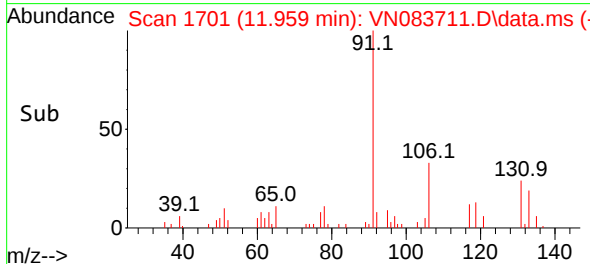
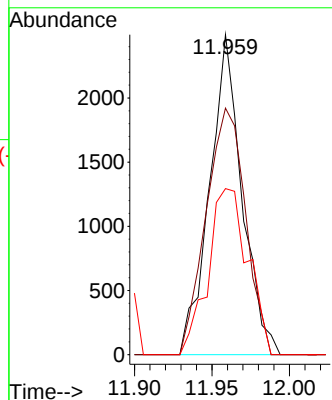
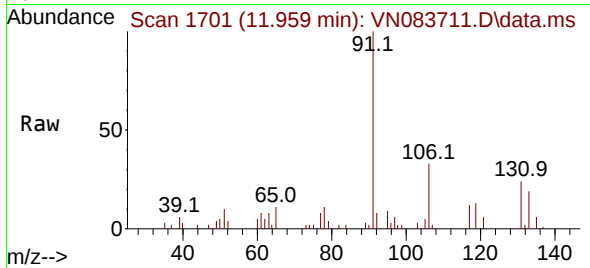
#65
1,1,1,2-Tetrachloroethane
Concen: 2.222 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:131 Resp: 3618
Ion Ratio Lower Upper
131 100
133 93.8 0.0 188.0
119 64.0 0.0 122.8

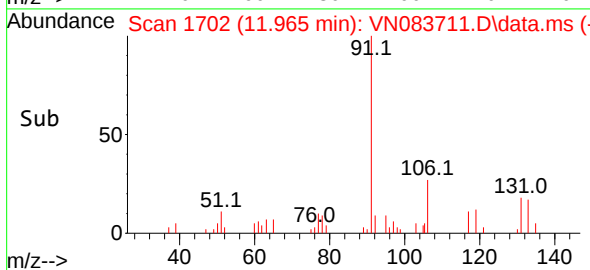
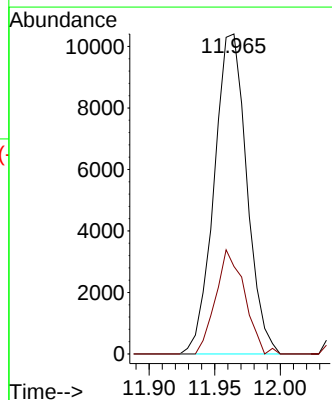
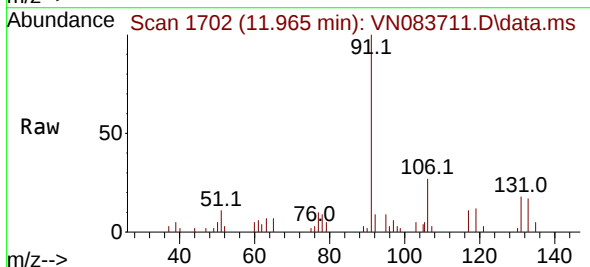
Manual Integrations
APPROVED

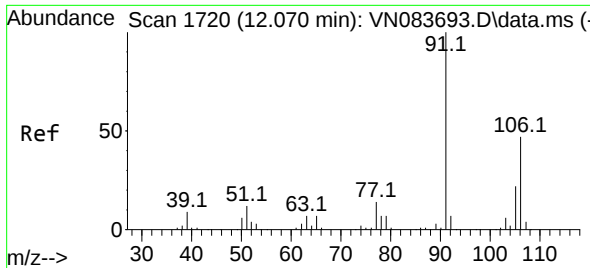
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#66
Ethyl Benzene
Concen: 2.100 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion: 91 Resp: 18028
Ion Ratio Lower Upper
91 100
106 27.4 24.4 36.6





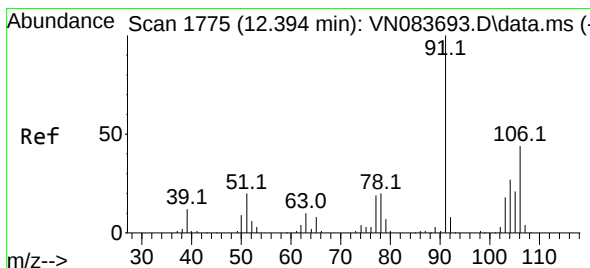
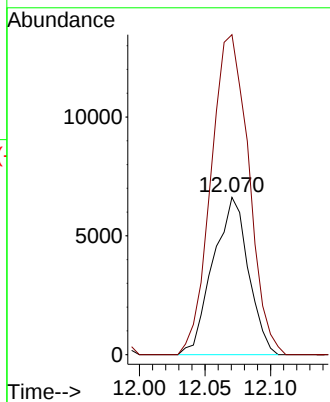
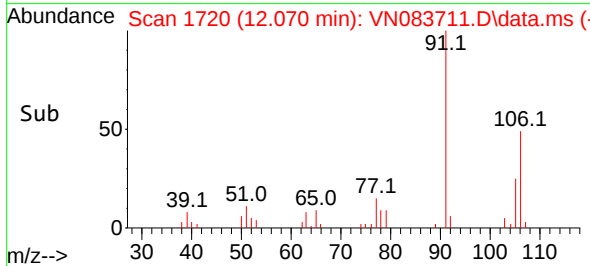
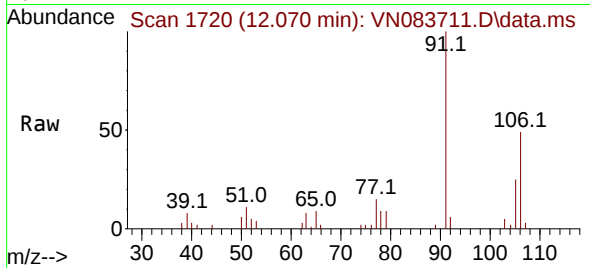
#67
m/p-Xylenes
Concen: 3.935 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:106 Resp: 1242
Ion Ratio Lower Upper
106 100
91 216.9 166.6 249.8

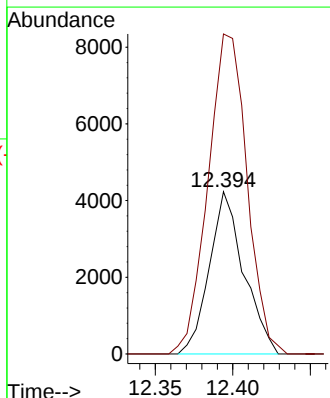
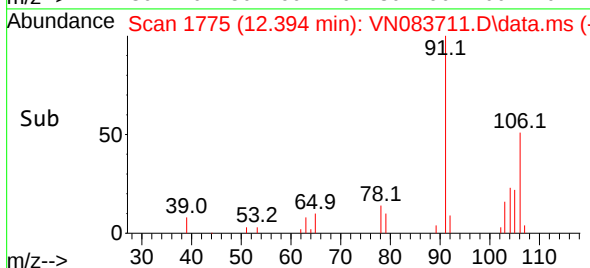
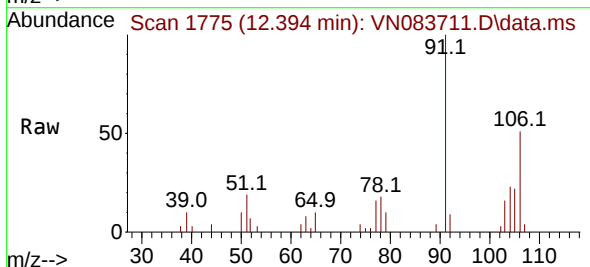
Manual Integrations
APPROVED

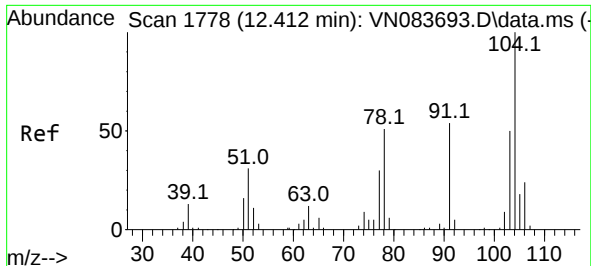
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#68
o-Xylene
Concen: 2.144 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

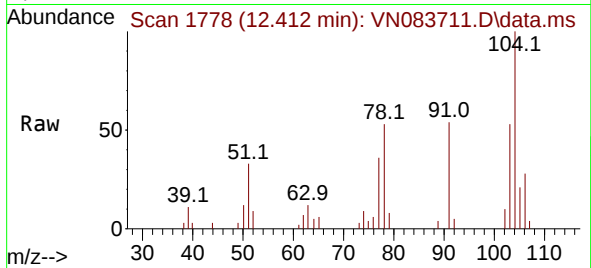
Tgt Ion:106 Resp: 6554
Ion Ratio Lower Upper
106 100
91 222.6 110.0 330.0





#69
Styrene
Concen: 1.946 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

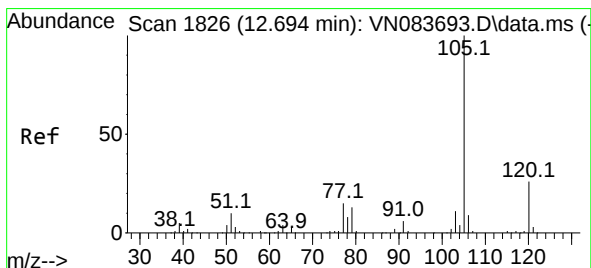
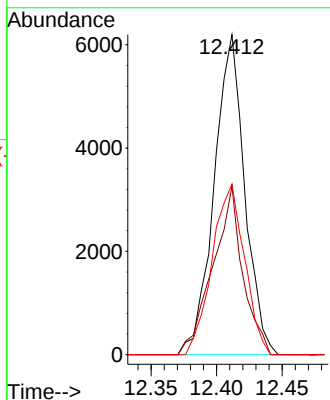
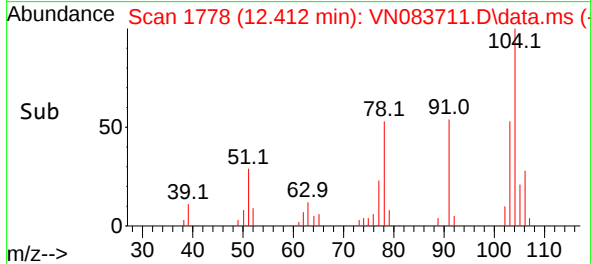
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



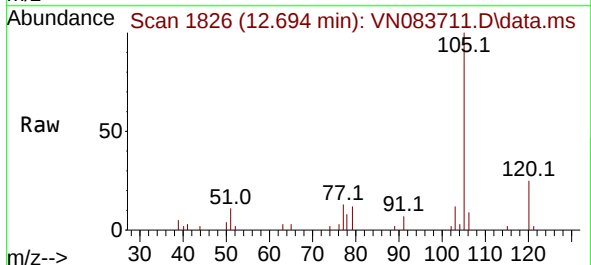
Tgt Ion:104 Resp: 10050
Ion Ratio Lower Upper
104 100
78 51.7 42.6 64.0
103 56.5 43.7 65.5

Manual Integrations
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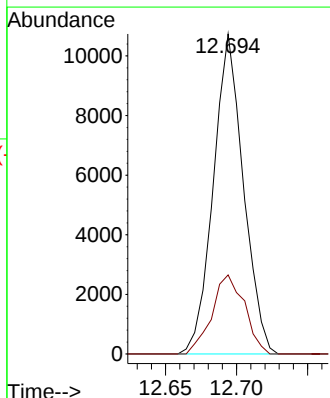
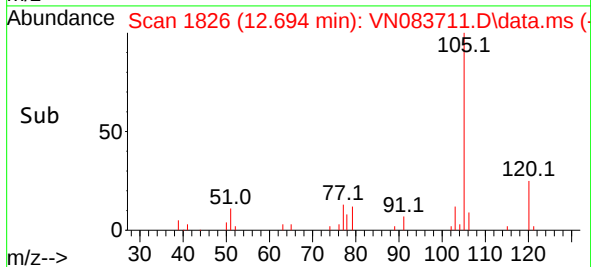
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

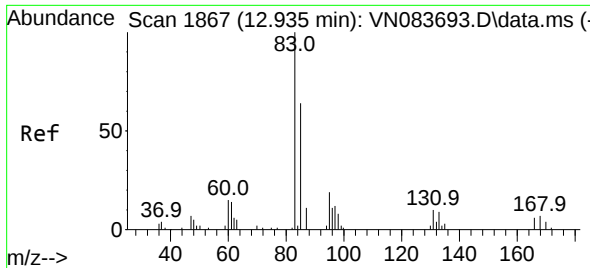


#70
Isopropylbenzene
Concen: 1.958 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



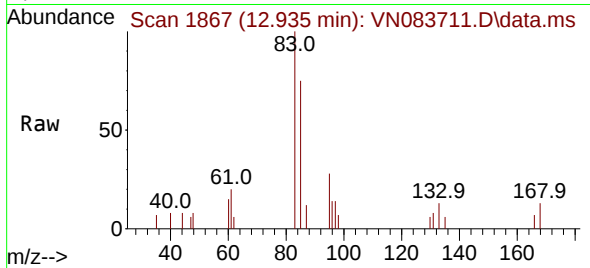
Tgt Ion:105 Resp: 15795
Ion Ratio Lower Upper
105 100
120 26.8 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.368 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

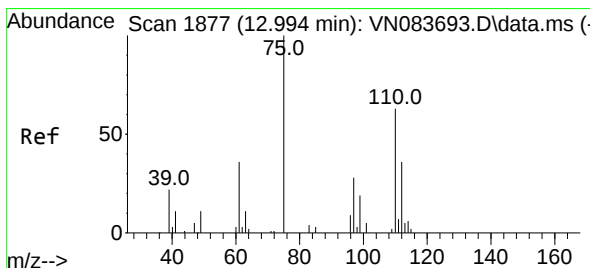
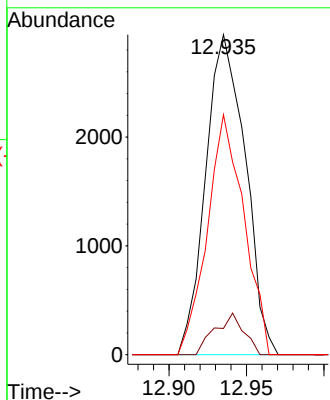
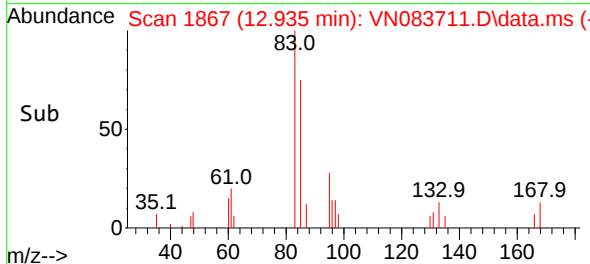
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 83 Resp: 5210
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 69.4 32.3 96.8

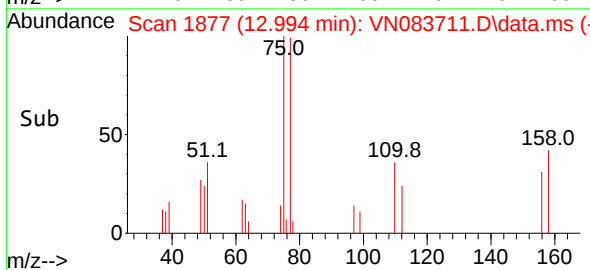
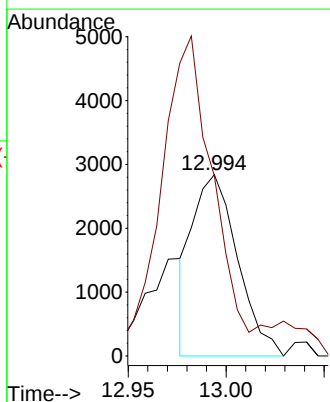
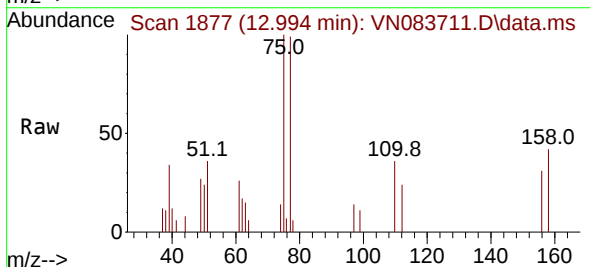
Manual Integrations
APPROVED

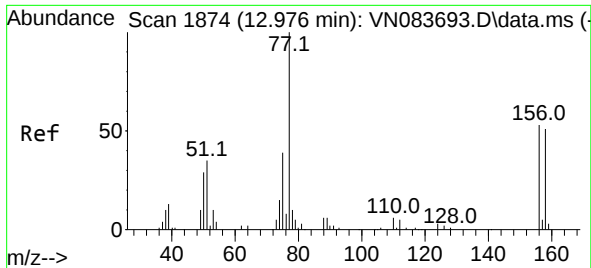
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#72
1,2,3-Trichloropropane
Concen: 2.350 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

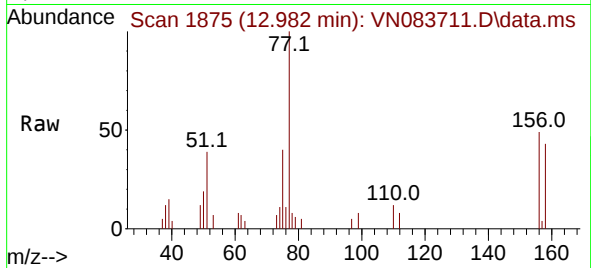
Tgt Ion: 75 Resp: 4538
Ion Ratio Lower Upper
75 100
77 204.2 0.0 367.6





#73
Bromobenzene
Concen: 2.226 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

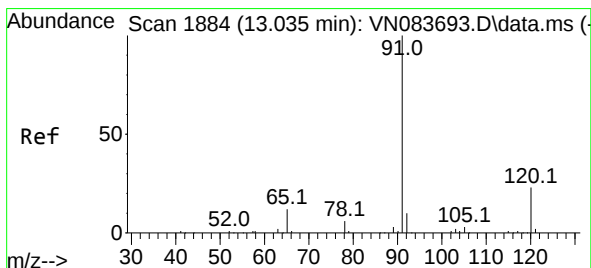
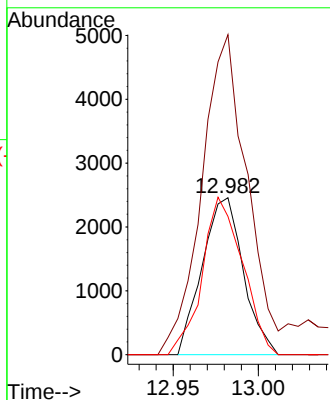
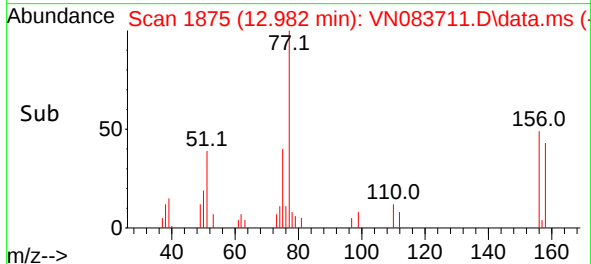
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



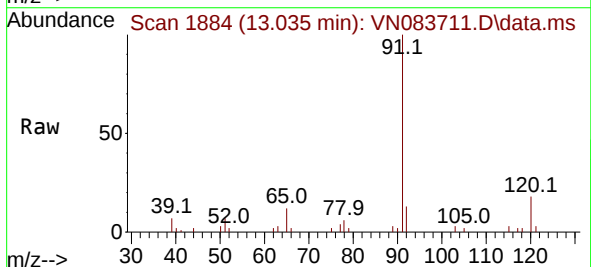
Tgt Ion:156 Resp: 412
Ion Ratio Lower Upper
156 100
77 224.8 0.0 437.6
158 98.5 0.0 203.8

Manual Integrations
APPROVED

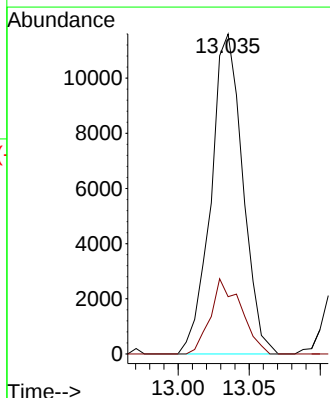
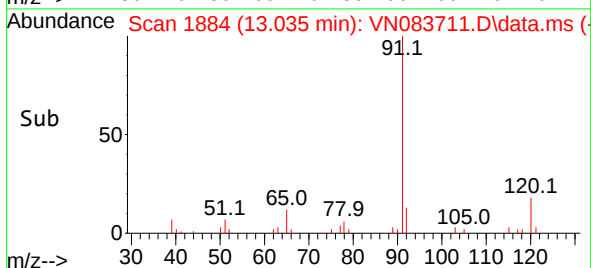
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

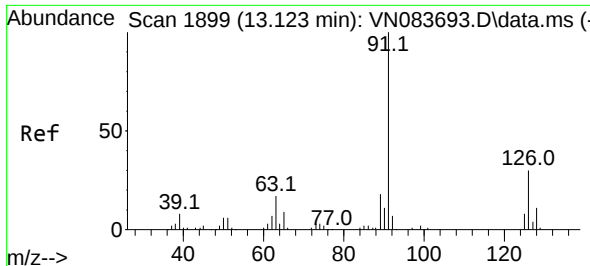


#74
n-propylbenzene
Concen: 1.917 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



Tgt Ion: 91 Resp: 18098
Ion Ratio Lower Upper
91 100
120 22.6 0.0 43.8





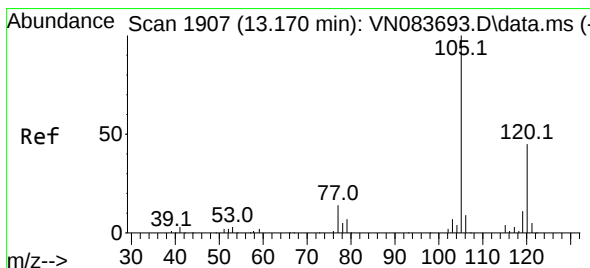
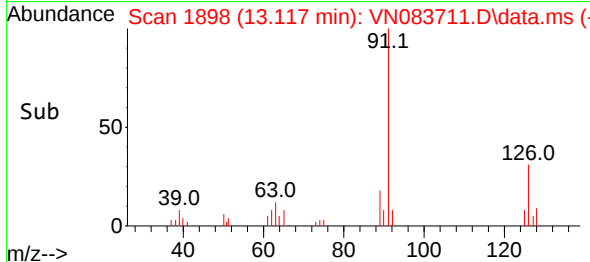
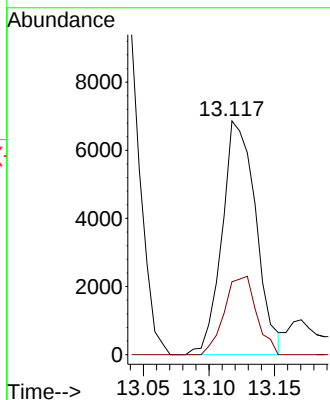
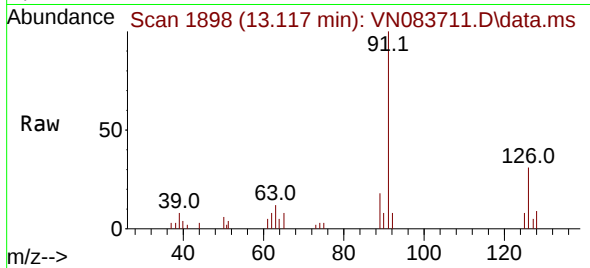
#75
2-Chlorotoluene
Concen: 2.088 ug/l
RT: 13.117 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 1230
Ion Ratio Lower Upper
91 100
126 31.8 0.0 61.2

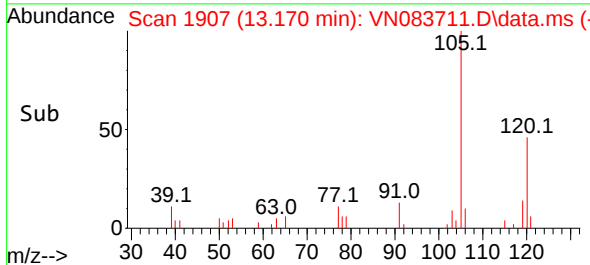
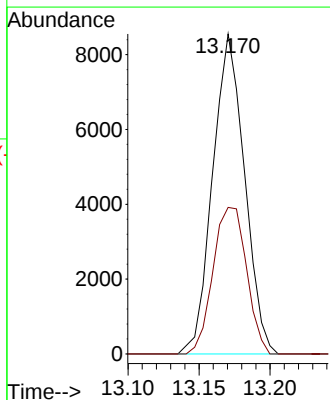
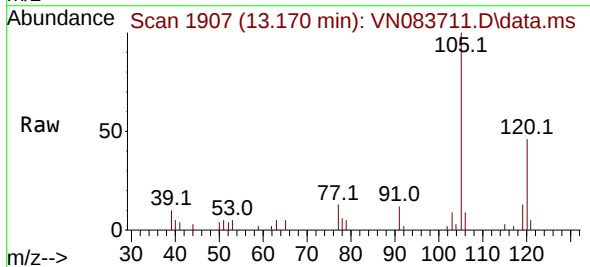
Manual Integrations
APPROVED

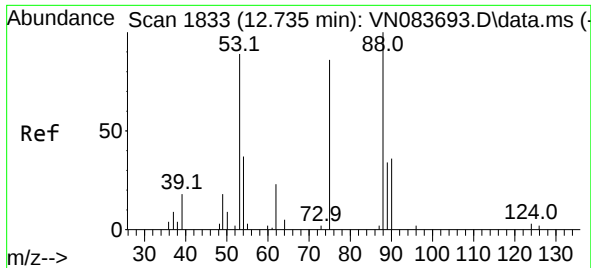
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 1.977 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

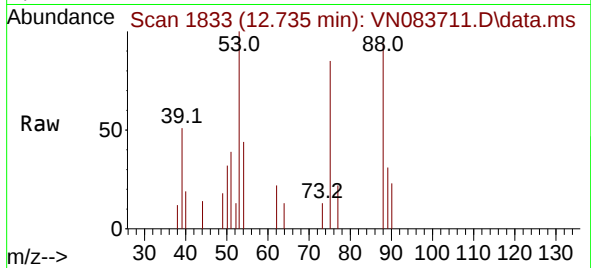
Tgt Ion:105 Resp: 13323
Ion Ratio Lower Upper
105 100
120 48.2 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 1.935 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

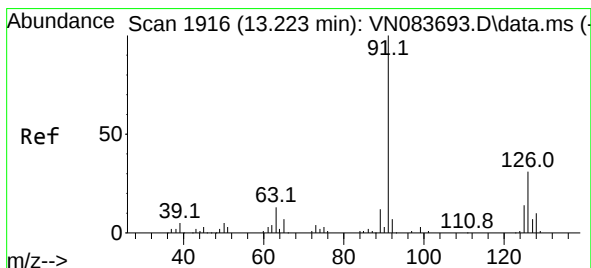
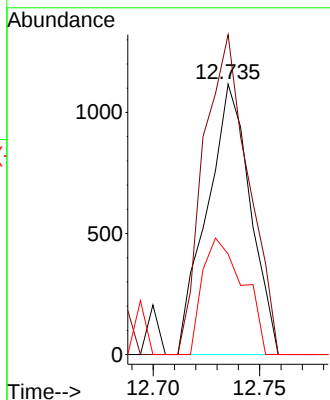
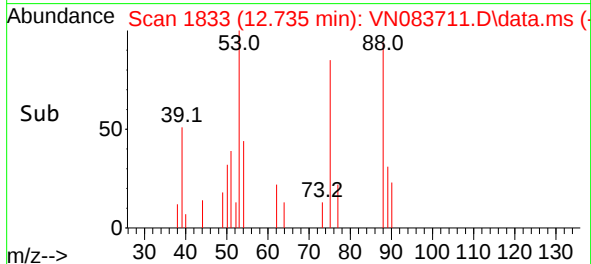
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



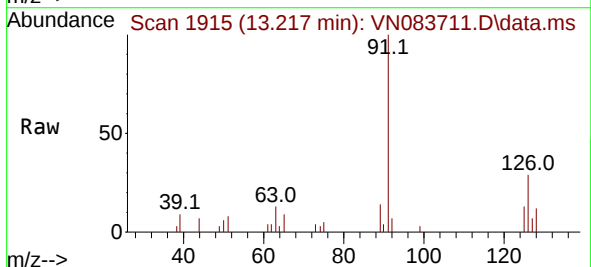
Tgt Ion: 75 Resp: 1580
Ion Ratio Lower Upper
75 100
53 118.3 45.9 137.7
89 37.2 25.9 77.7

Manual Integrations
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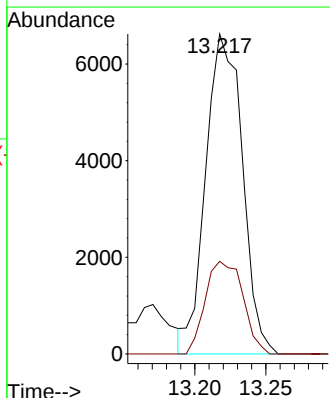
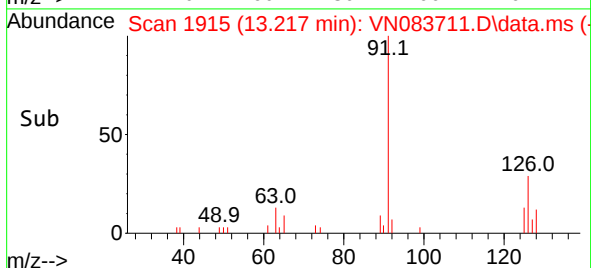
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

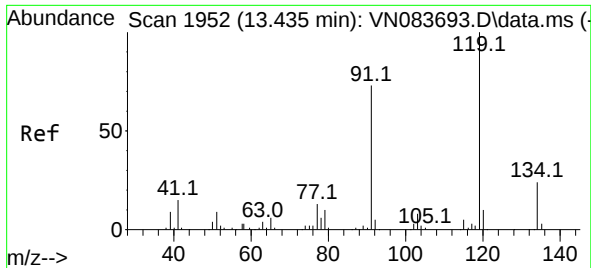


#78
4-Chlorotoluene
Concen: 1.984 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



Tgt Ion: 91 Resp: 11858
Ion Ratio Lower Upper
91 100
126 29.7 0.0 62.8





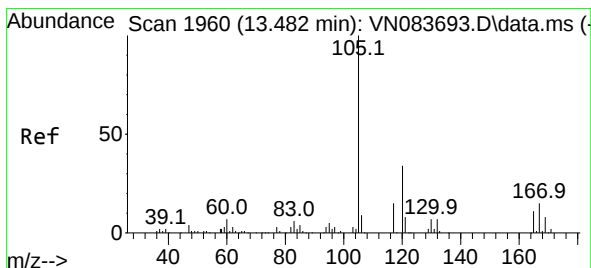
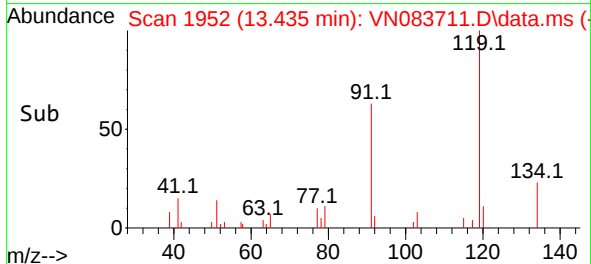
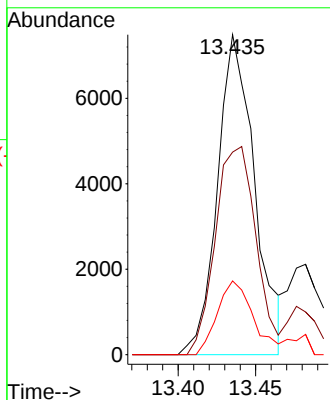
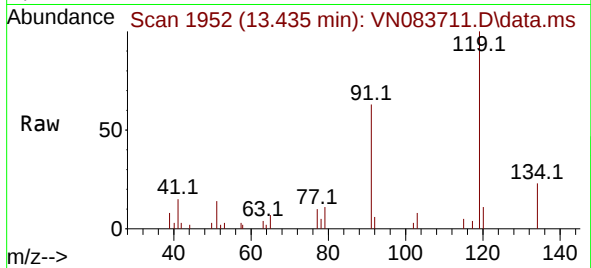
#79
tert-butylbenzene
Concen: 2.117 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:119 Resp: 12470
Ion Ratio Lower Upper
119 100
91 71.3 0.0 138.8
134 22.3 0.0 48.6

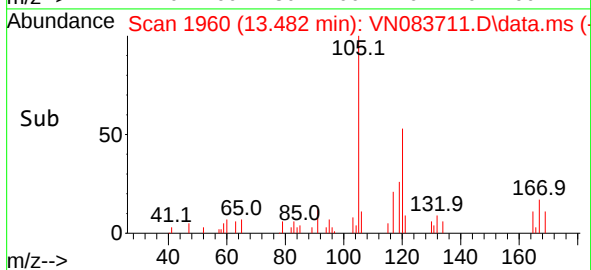
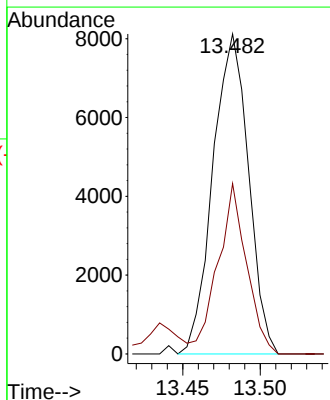
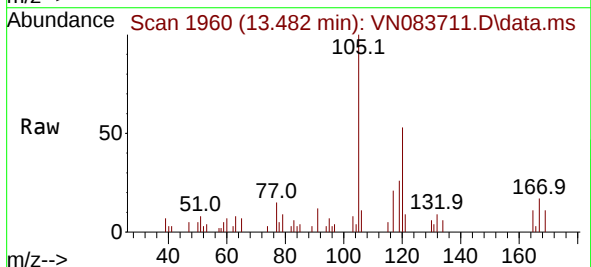
Manual Integrations
APPROVED

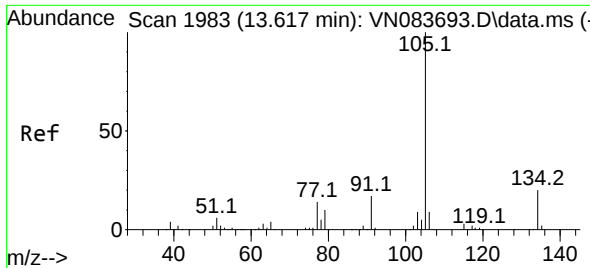
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#80
1,2,4-Trimethylbenzene
Concen: 1.900 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion:105 Resp: 12936
Ion Ratio Lower Upper
105 100
120 43.2 0.0 86.8





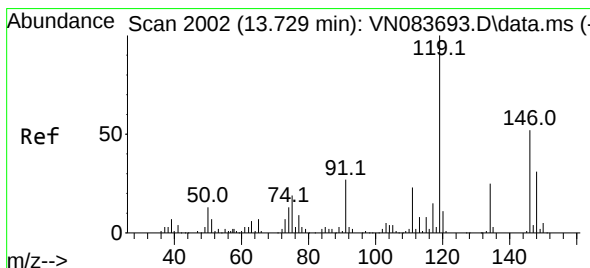
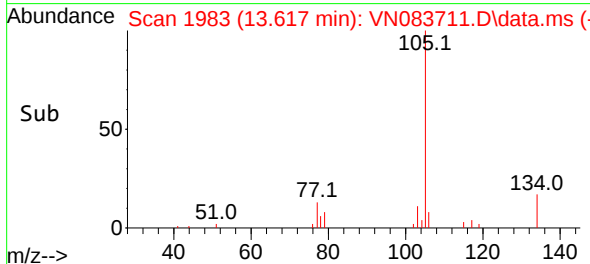
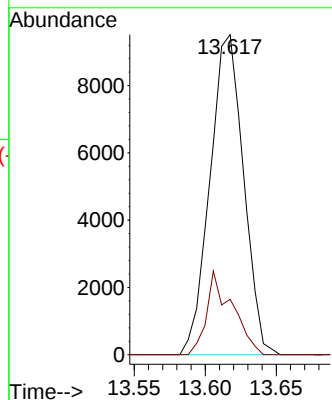
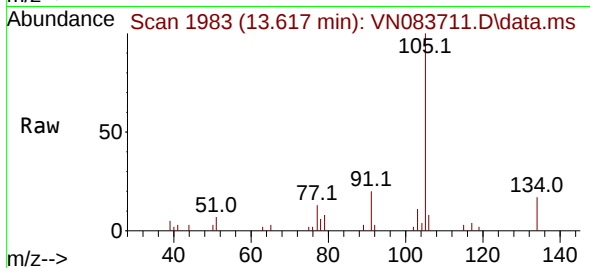
#81
 sec-Butylbenzene
 Concen: 1.944 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083711.D
 Acq: 09 Sep 2024 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 1564
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0

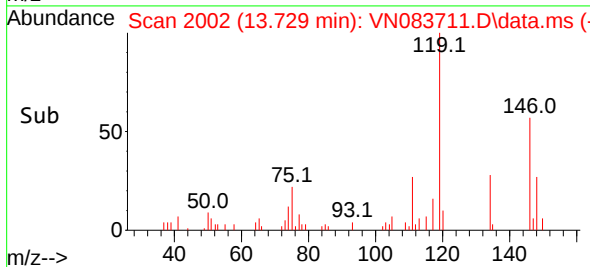
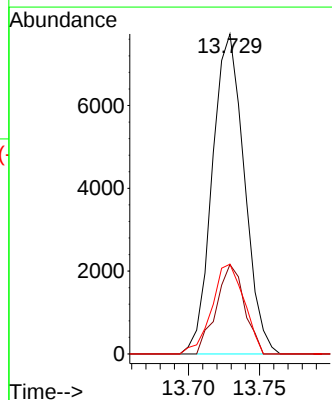
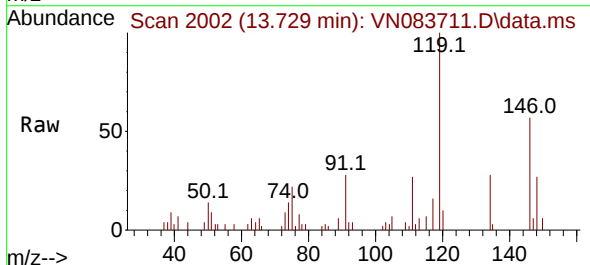
Manual Integrations
 APPROVED

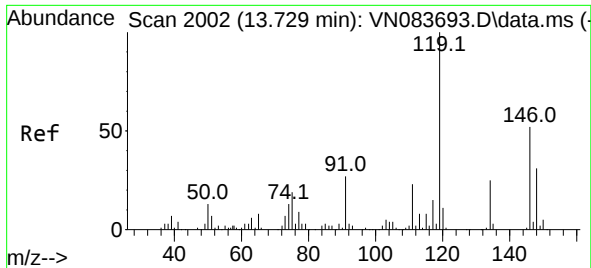
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#82
 p-Isopropyltoluene
 Concen: 1.788 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083711.D
 Acq: 09 Sep 2024 11:14

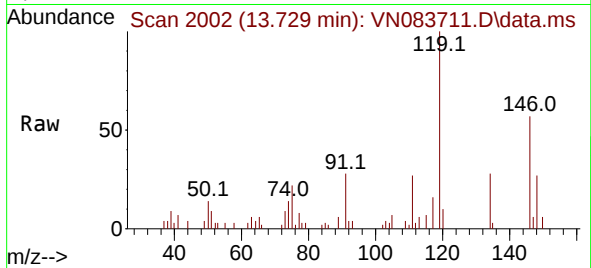
Tgt Ion:119 Resp: 12107
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 49.2
 91 28.3 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 2.008 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

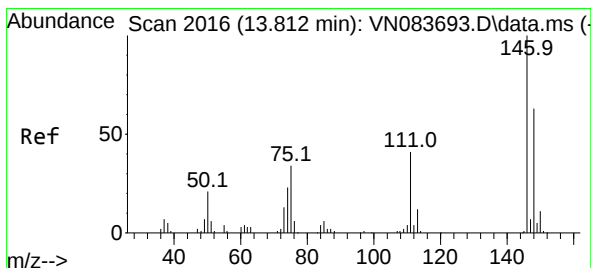
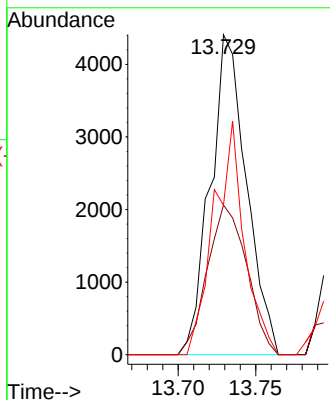
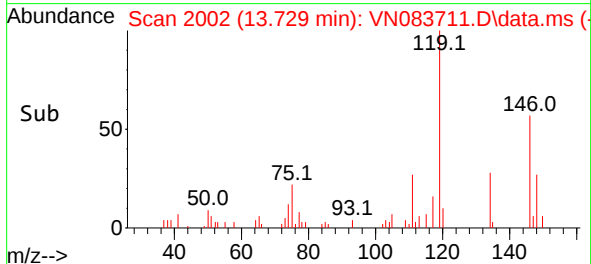
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



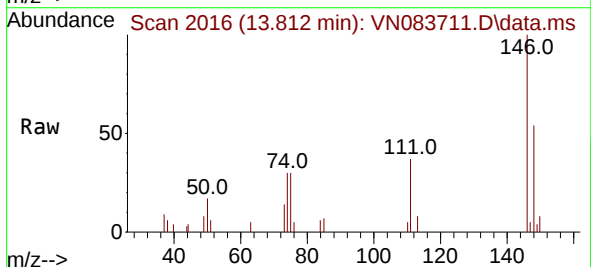
Tgt Ion:146 Resp: 716
Ion Ratio Lower Upper
146 100
111 50.9 22.4 67.0
148 61.2 32.1 96.5

Manual Integrations
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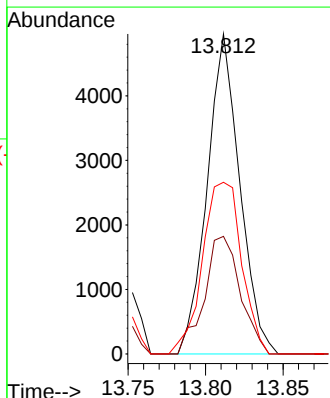
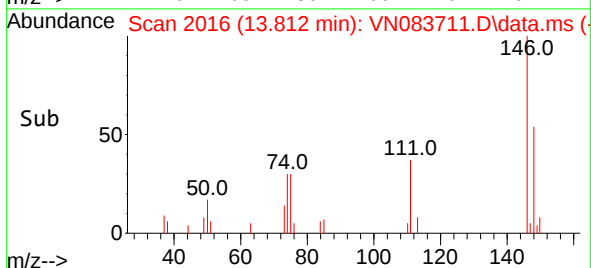
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

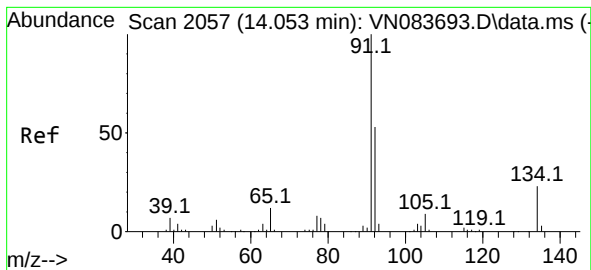


#84
1,4-Dichlorobenzene
Concen: 2.036 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14



Tgt Ion:146 Resp: 7258
Ion Ratio Lower Upper
146 100
111 40.7 21.3 63.9
148 64.4 31.9 95.5





#85

n-Butylbenzene

Concen: 1.750 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

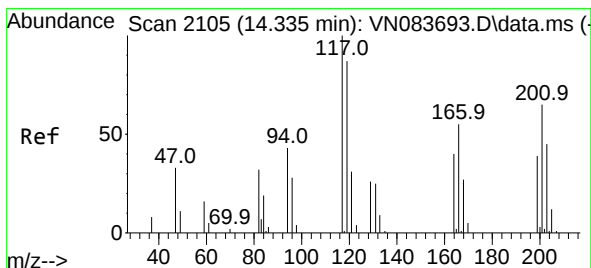
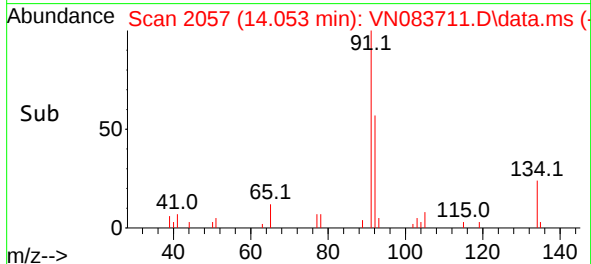
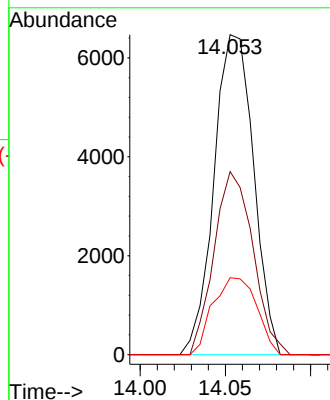
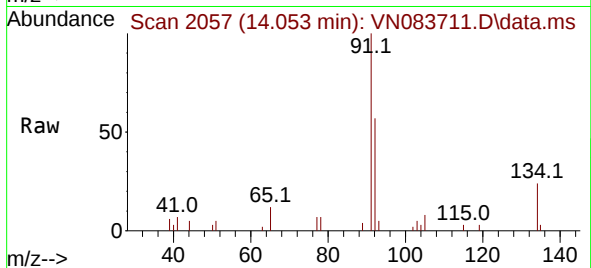
Tgt Ion: 91 Resp: 10458
 Ion Ratio Lower Upper
 91 100
 92 56.5 0.0 105.0
 134 26.6 0.0 51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#86

Hexachloroethane

Concen: 2.278 ug/l

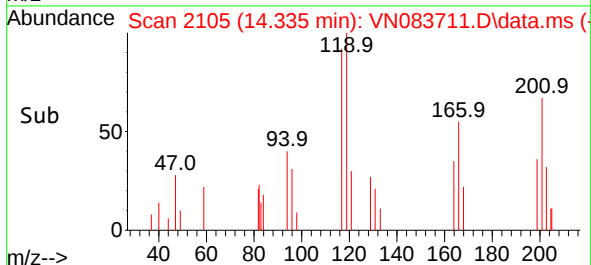
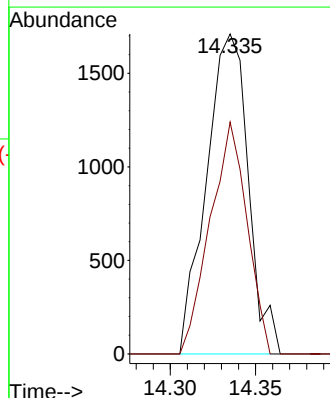
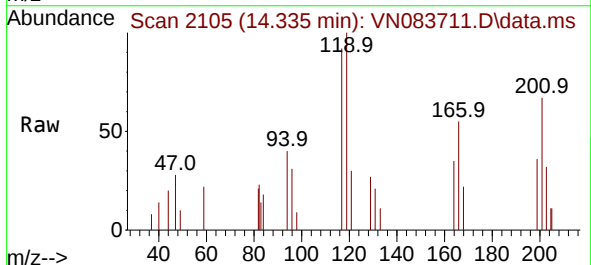
RT: 14.335 min Scan# 2105

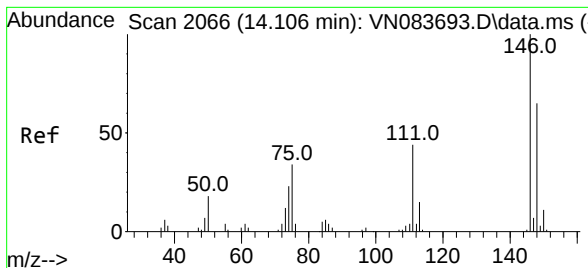
Delta R.T. 0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Tgt Ion:117 Resp: 2923
 Ion Ratio Lower Upper
 117 100
 201 63.9 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 2.058 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083711.D

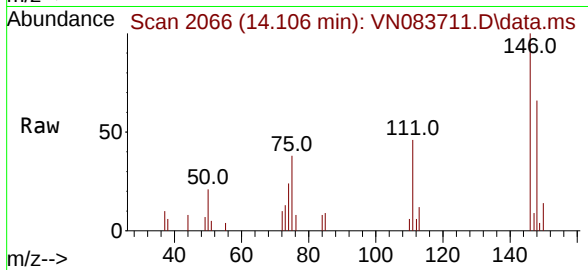
Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



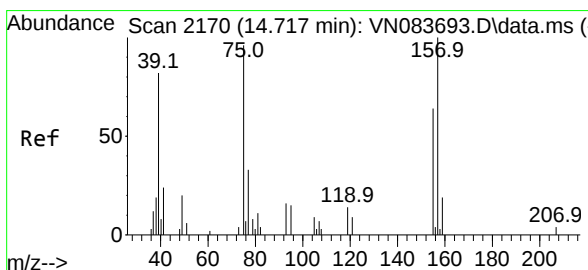
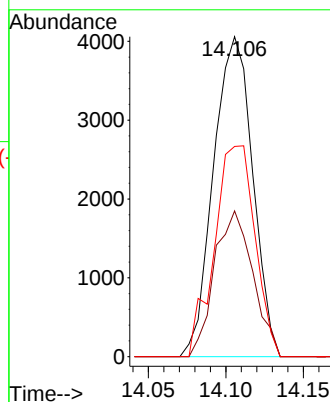
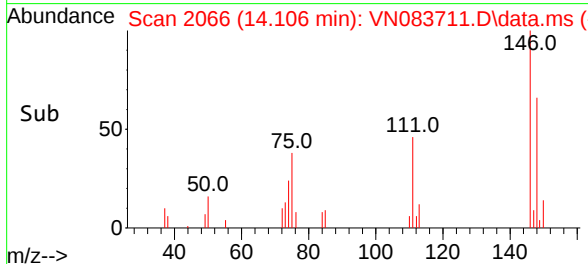
Tgt Ion:	146	Resp:	712
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.6	67.8
148	68.4	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.006 ug/l

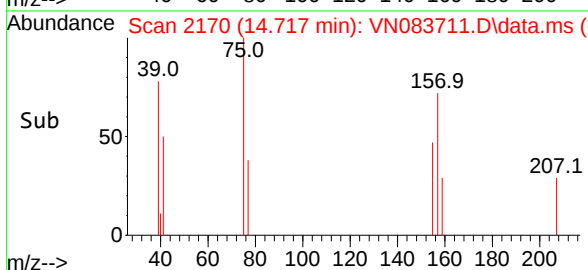
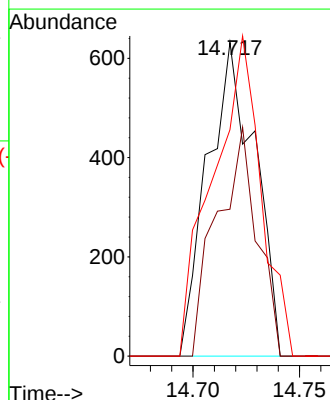
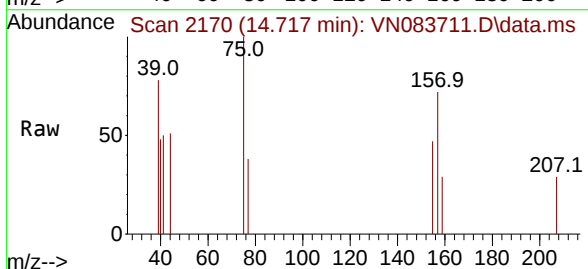
RT: 14.717 min Scan# 2170

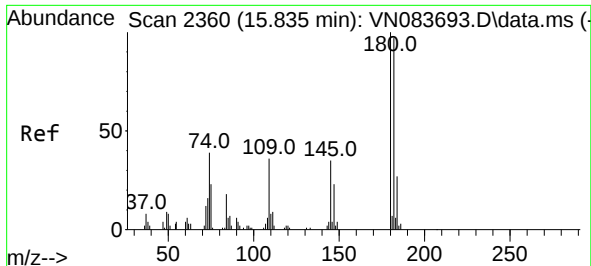
Delta R.T. -0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

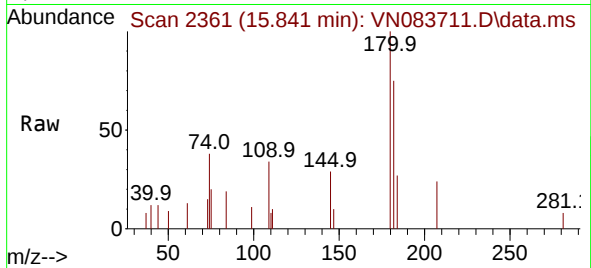
Tgt Ion:	75	Resp:	971
Ion Ratio	Lower	Upper	
75	100		
155	62.4	61.7	92.5
157	104.3	83.6	125.4





#89
1,2,4-Trichlorobenzene
Concen: 1.677 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

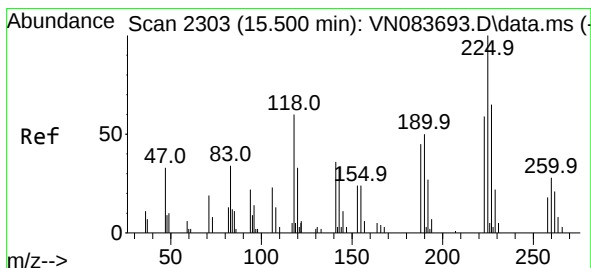
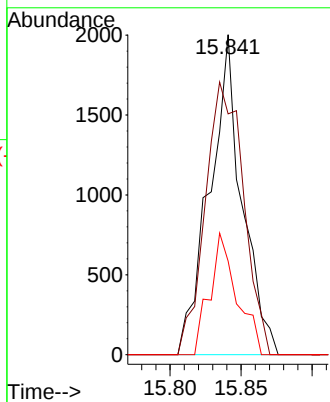
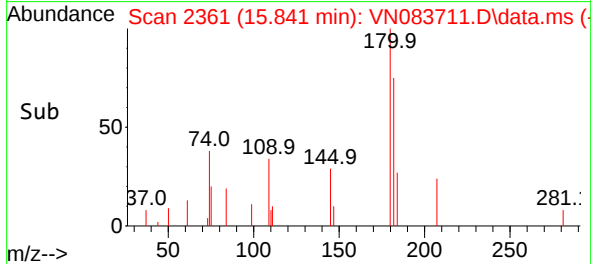
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:180 Resp: 3180
Ion Ratio Lower Upper
180 100
182 100.5 76.4 114.6
145 29.0 28.4 42.6

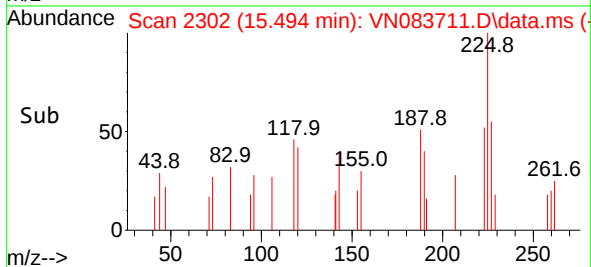
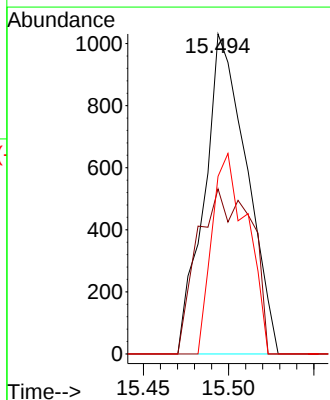
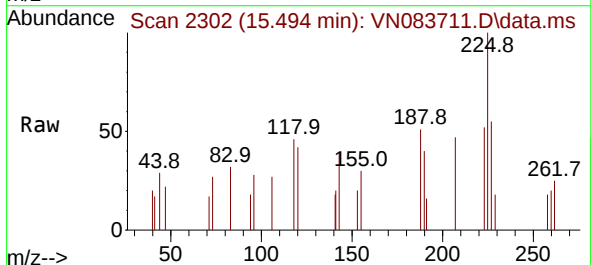
Manual Integrations
APPROVED

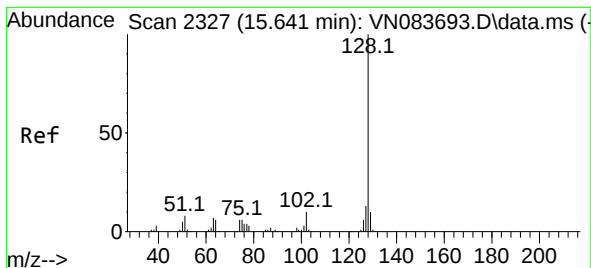
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#90
Hexachlorobutadiene
Concen: 2.274 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN083711.D
Acq: 09 Sep 2024 11:14

Tgt Ion:225 Resp: 1784
Ion Ratio Lower Upper
225 100
223 39.2 0.0 126.6
227 52.2 0.0 126.6





#91

Naphthalene

Concen: 1.601 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

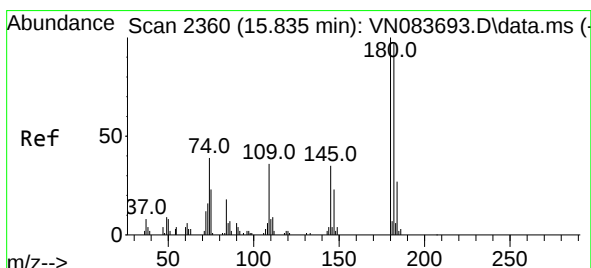
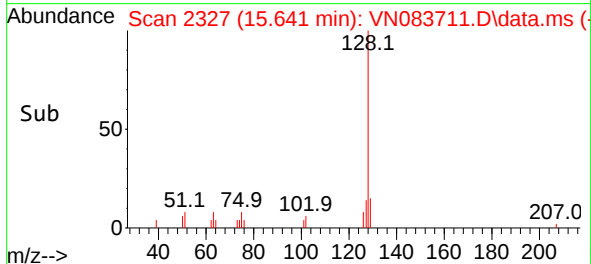
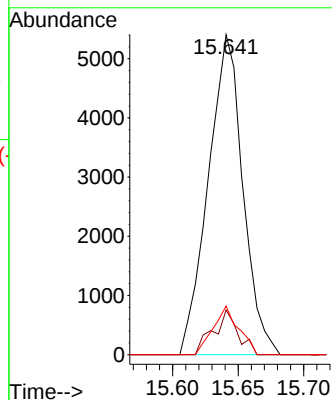
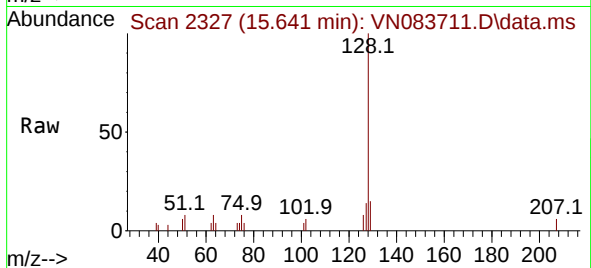
Tgt Ion:	128	Resp:	992
Ion Ratio	Lower	Upper	
128	100		
127	6.1	10.6	16.0
129	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#92

1,2,3-Trichlorobenzene

Concen: 1.677 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN083711.D

Acq: 09 Sep 2024 11:14

Tgt Ion:	180	Resp:	3180
Ion Ratio	Lower	Upper	
180	100		
182	100.5	0.0	191.0
145	29.0	0.0	71.0

