

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081965.D
 Acq On : 01 May 2024 18:39
 Operator : JC\MD
 Sample : P2329-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18B-64-043024MS

Quant Time: May 02 01:51:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	183258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	379228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154724	50.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.060%			
35) Dibromofluoromethane	8.165	113	111115	48.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	10.571	98	458371	51.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.847	95	163702	46.180	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119394	46.412	ug/l	96
3) Chloromethane	2.359	50	128034	47.708	ug/l	97
4) Vinyl Chloride	2.518	62	130155	53.577	ug/l	94
5) Bromomethane	2.948	94	54147	52.663	ug/l	94
6) Chloroethane	3.112	64	68831	56.059	ug/l	98
7) Trichlorofluoromethane	3.495	101	171430	45.618	ug/l	99
8) Diethyl Ether	3.965	74	86221	54.012	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	451188	206.800	ug/l	92
10) Methyl Iodide	4.594	142	109525	57.315	ug/l	98
11) Tert butyl alcohol	5.524	59	147080	261.586	ug/l	99
12) 1,1-Dichloroethene	4.342	96	202740	91.341	ug/l	87
13) Acrolein	4.183	56	110445	251.851	ug/l	100
14) Allyl chloride	5.024	41	205824	43.839	ug/l	91
15) Acrylonitrile	5.718	53	372591	275.966	ug/l	96
16) Acetone	4.430	43	264434	289.998	ug/l	100
17) Carbon Disulfide	4.712	76	307325	46.067	ug/l	99
18) Methyl Acetate	5.024	43	160660	51.284	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	428824	51.200	ug/l	94
20) Methylene Chloride	5.277	84	138135	52.115	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	140724	58.149	ug/l	87
22) Diisopropyl ether	6.671	45	479537	52.783	ug/l	95
23) Vinyl Acetate	6.600	43	1840083	249.275	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	331327	70.068	ug/l	96
25) 2-Butanone	7.483	43	467526	266.327	ug/l	93
26) 2,2-Dichloropropane	7.494	77	176244	40.517	ug/l #	40
27) cis-1,2-Dichloroethene	7.488	96	1523780	538.833	ug/l	96
28) Bromochloromethane	7.812	49	114924	51.136	ug/l #	79
29) Tetrahydrofuran	7.841	42	323748	257.176	ug/l	91
30) Chloroform	7.971	83	238814	50.951	ug/l	95
31) Cyclohexane	8.259	56	221639	47.569	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	195570	46.788	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	173747	46.774	ug/l	97
37) Ethyl Acetate	7.565	43	191356	47.645	ug/l #	80
38) Carbon Tetrachloride	8.365	117	157493	43.381	ug/l	94
39) Methylcyclohexane	9.600	83	193597	42.914	ug/l	92
40) Benzene	8.606	78	580459	52.054	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	113950	44.465	ug/l	91
42) 1,2-Dichloroethane	8.671	62	202249	48.844	ug/l	97
43) Isopropyl Acetate	8.688	43	346466	45.879	ug/l	95
44) Trichloroethene	9.359	130	12530762	4873.989	ug/l	69
45) 1,2-Dichloropropane	9.624	63	140139	48.020	ug/l	97
46) Dibromomethane	9.706	93	90285	44.760	ug/l	90
47) Bromodichloromethane	9.888	83	188365	44.280	ug/l #	96
48) Methyl methacrylate	9.682	41	159307	44.190	ug/l	90
49) 1,4-Dioxane	9.700	88	58819	1073.456	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	1031648	242.672	ug/l	95
52) Toluene	10.635	92	328772	49.233	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	207204	44.765	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	225052	47.176	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	126668	48.231	ug/l	96
56) Ethyl methacrylate	10.876	69	232162	46.424	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	226480	48.505	ug/l	99
59) 2-Hexanone	11.194	43	776012	245.281	ug/l	95
60) Dibromochloromethane	11.359	129	132226	47.535	ug/l	99
61) 1,2-Dibromoethane	11.470	107	126478	50.359	ug/l	95
64) Tetrachloroethene	11.106	164	234615	97.901	ug/l	86
65) Chlorobenzene	11.894	112	343261	47.639	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	111882	47.777	ug/l	97
67) Ethyl Benzene	11.965	91	625025	46.643	ug/l	95
68) m/p-Xylenes	12.070	106	467720	97.853	ug/l	96
69) o-Xylene	12.400	106	233413	50.019	ug/l	96
70) Styrene	12.412	104	396336	49.096	ug/l	96
71) Bromoform	12.582	173	77364	42.022	ug/l #	99
73) Isopropylbenzene	12.694	105	586983	49.108	ug/l	98
74) N-amyl acetate	12.494	43	308530	46.362	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	183938	51.244	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	166446m	47.751	ug/l	
77) Bromobenzene	12.982	156	120688	48.251	ug/l	70
78) n-propylbenzene	13.035	91	688721	47.435	ug/l	97
79) 2-Chlorotoluene	13.129	91	424029	45.903	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	466584	46.129	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	77916	45.804	ug/l	94
82) 4-Chlorotoluene	13.223	91	413640	46.123	ug/l	95
83) tert-Butylbenzene	13.441	119	393623	46.731	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	467346	46.268	ug/l	96
85) sec-Butylbenzene	13.617	105	562212	47.385	ug/l	98
86) p-Isopropyltoluene	13.729	119	445095	46.720	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	219139	46.954	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	233657	50.840	ug/l	96
89) n-Butylbenzene	14.059	91	411984	46.459	ug/l	98
90) Hexachloroethane	14.335	117	85750	45.756	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	215820	48.238	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37072	42.422	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	115041	45.960	ug/l	96
94) Hexachlorobutadiene	15.506	225	37252	40.378	ug/l	98
95) Naphthalene	15.641	128	437721	46.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108568	45.176	ug/l	94

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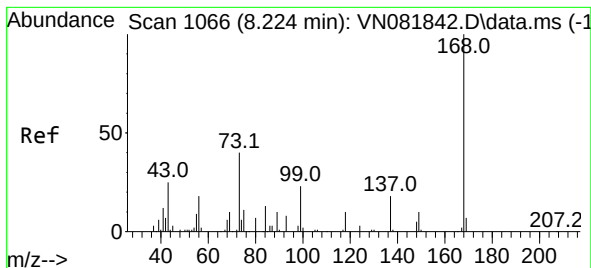
Manual Integrations
APPROVED

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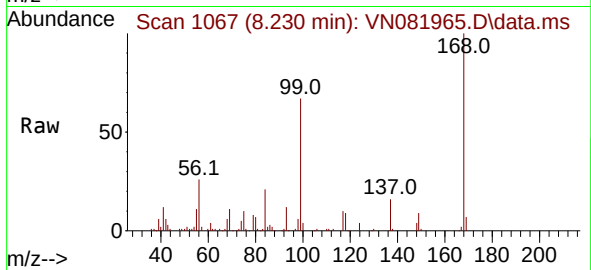
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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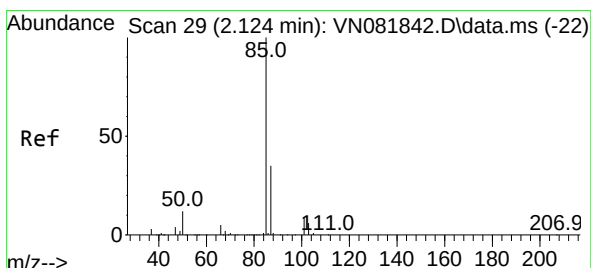
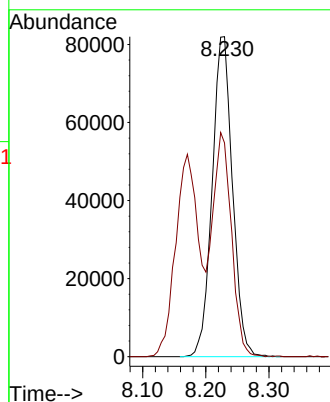
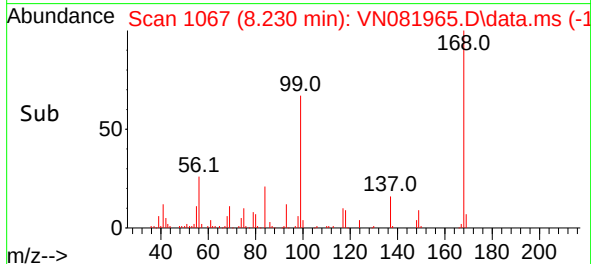
Instrument :
MSVOA_N
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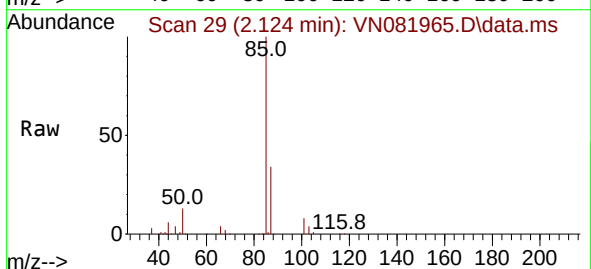
Tgt Ion:168 Resp: 183258
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4

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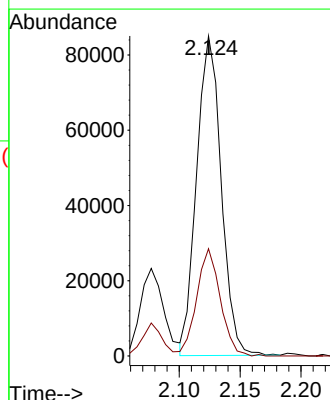
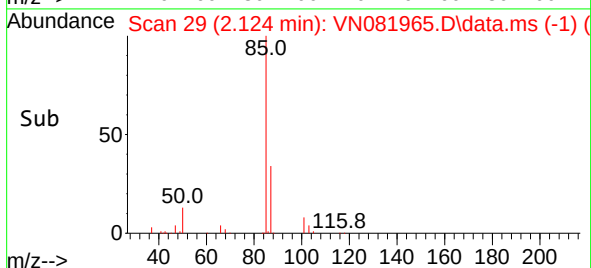
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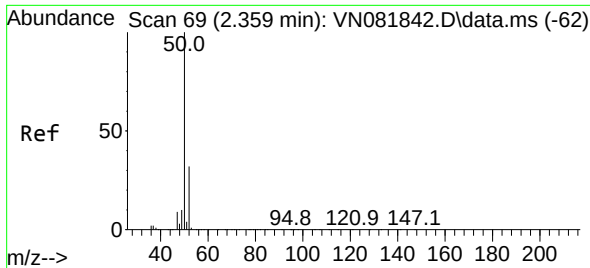


#2
Dichlorodifluoromethane
Concen: 46.412 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



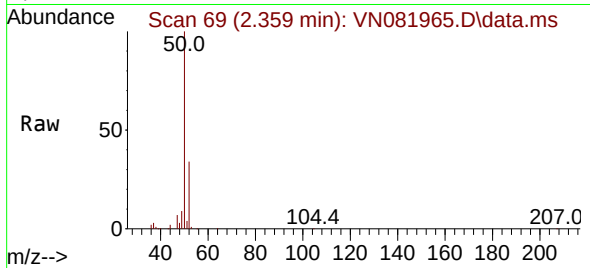
Tgt Ion: 85 Resp: 119394
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





#3
Chloromethane
Concen: 47.708 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

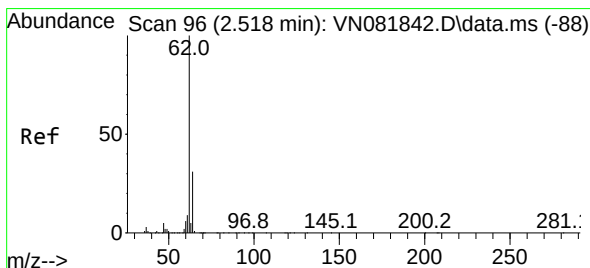
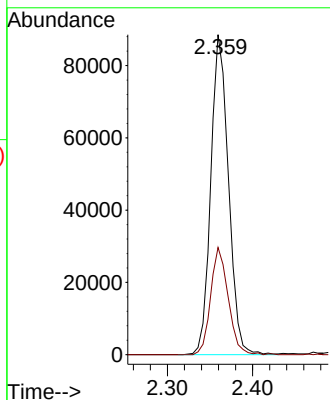
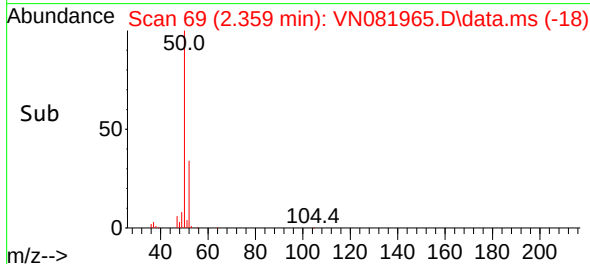
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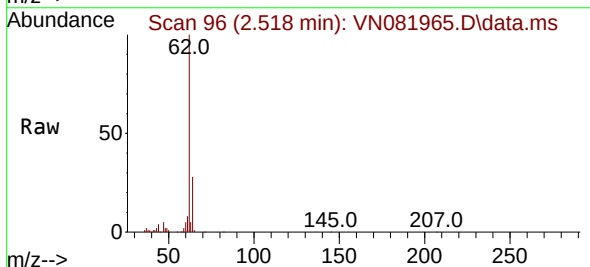
Tgt Ion: 50 Resp: 128034
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

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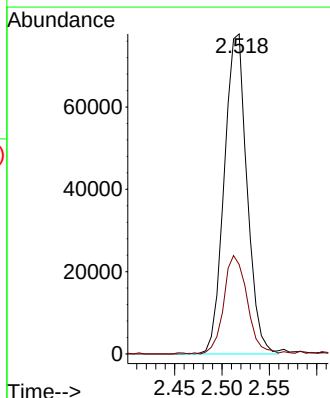
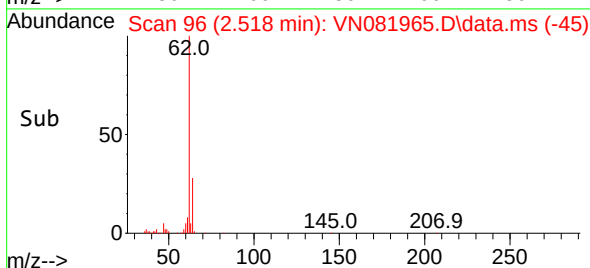
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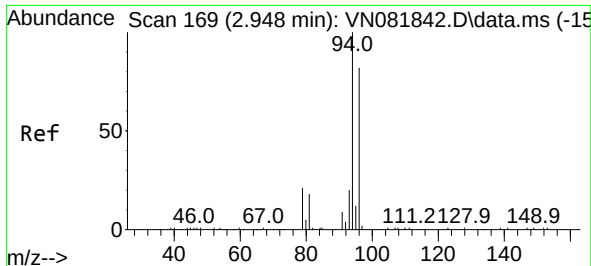


#4
Vinyl Chloride
Concen: 53.577 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081965.D
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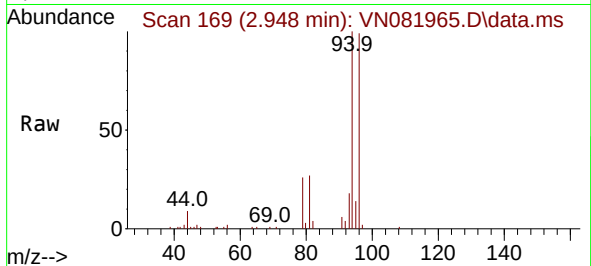
Tgt Ion: 62 Resp: 130155
Ion Ratio Lower Upper
62 100
64 27.6 24.6 37.0





#5
Bromomethane
Concen: 52.663 ug/l
RT: 2.948 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081965.D
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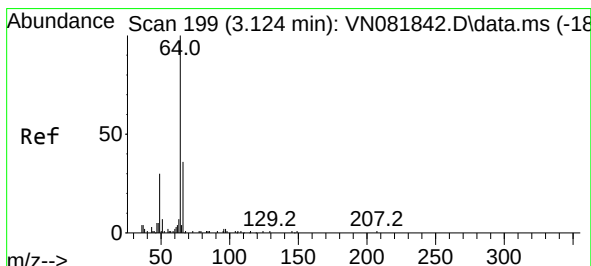
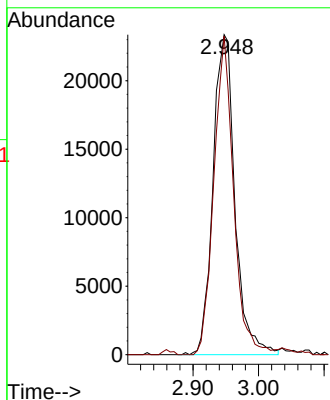
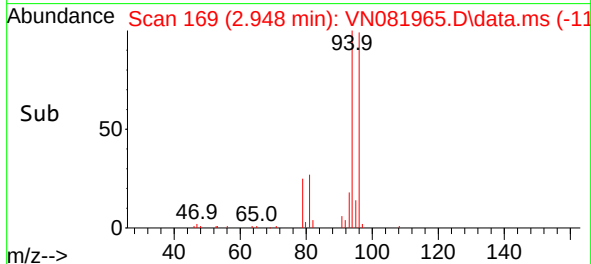
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Tgt Ion: 94 Resp: 5414
Ion Ratio Lower Upper
94 100
96 99.5 74.8 112.2

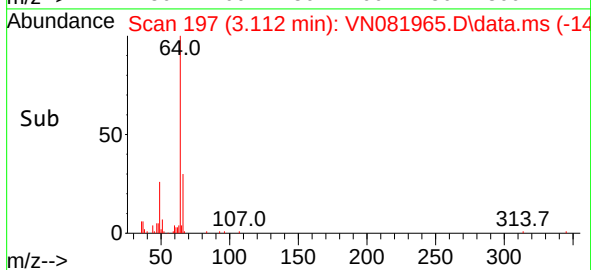
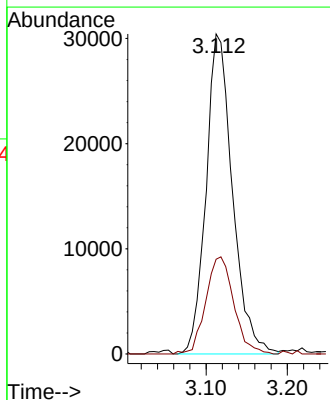
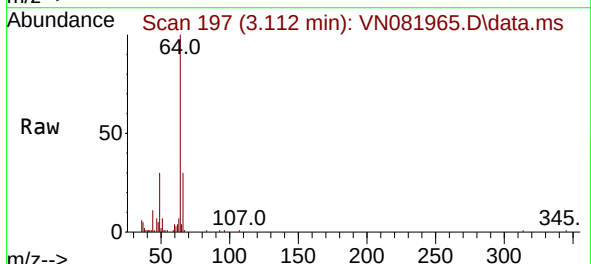
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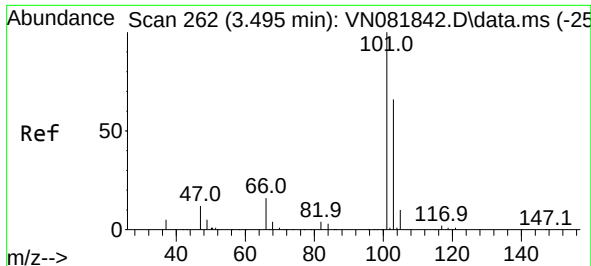
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#6
Chloroethane
Concen: 56.059 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
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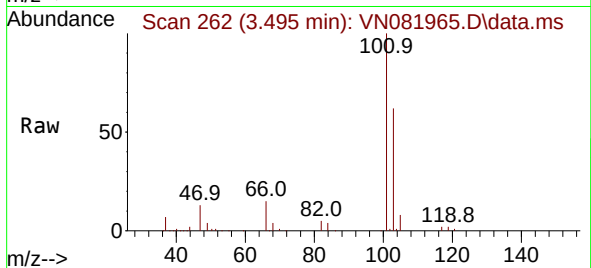
Tgt Ion: 64 Resp: 68831
Ion Ratio Lower Upper
64 100
66 29.6 24.7 37.1





#7
Trichlorofluoromethane
Concen: 45.618 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081965.D
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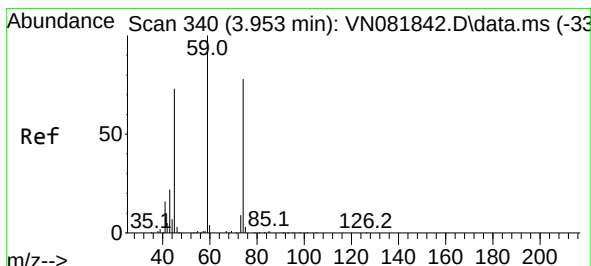
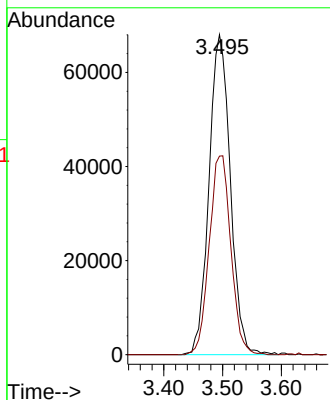
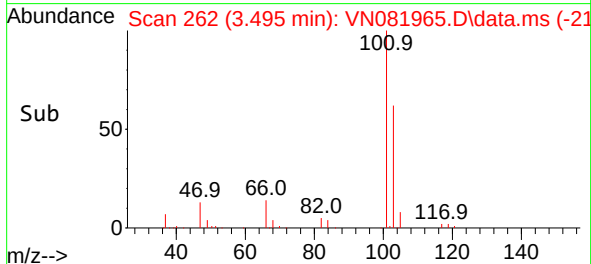
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MW-18B-64-043024MS



Tgt Ion:101 Resp: 171430
Ion Ratio Lower Upper
101 100
103 62.0 50.6 75.8

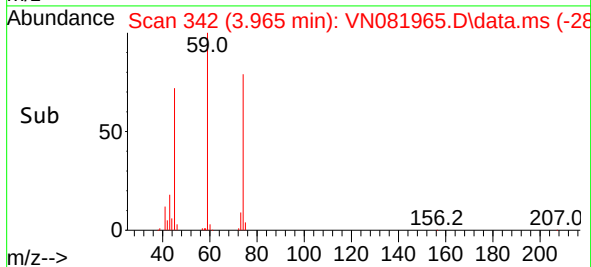
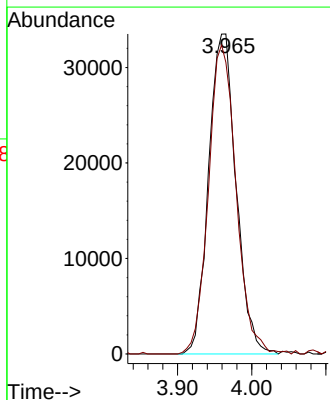
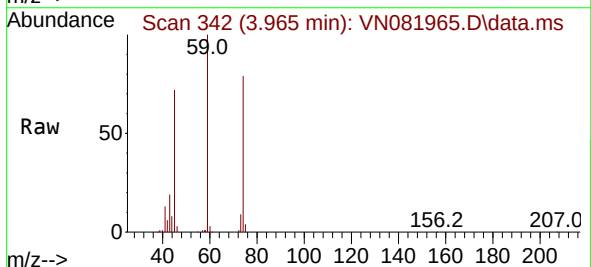
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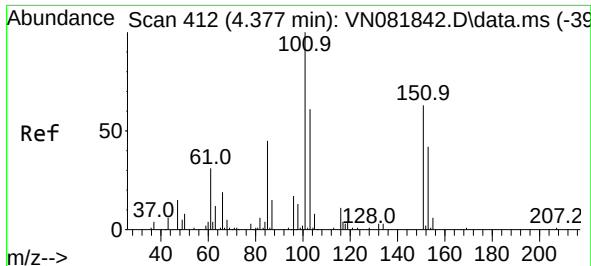
Reviewed By :John Carlone 05/02/2024
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#8
Diethyl Ether
Concen: 54.012 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 86221
Ion Ratio Lower Upper
74 100
45 97.5 42.4 127.3





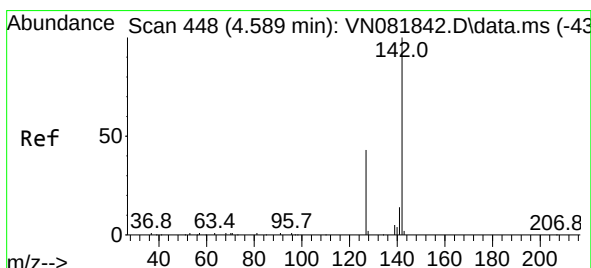
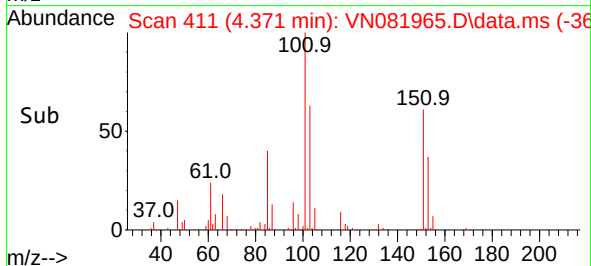
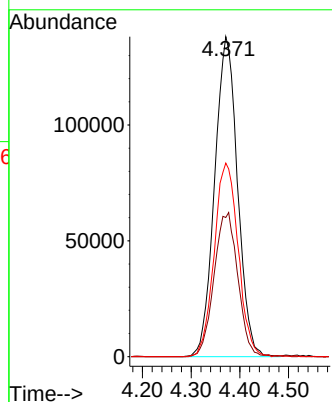
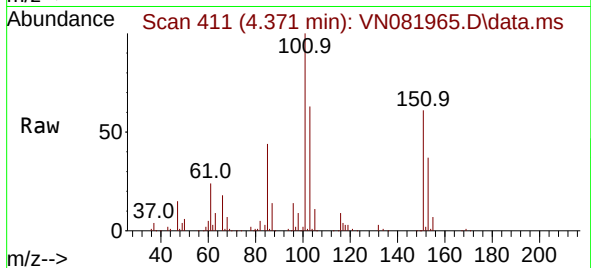
#9
1,1,2-Trichlorotrifluoroethane
Concen: 206.800 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS

Tgt Ion:101 Resp: 45118
Ion Ratio Lower Upper
101 100
85 46.8 37.3 55.9
151 63.3 59.2 88.8

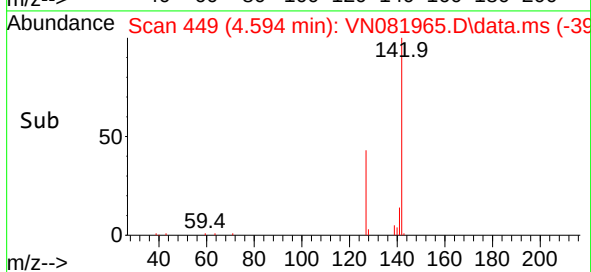
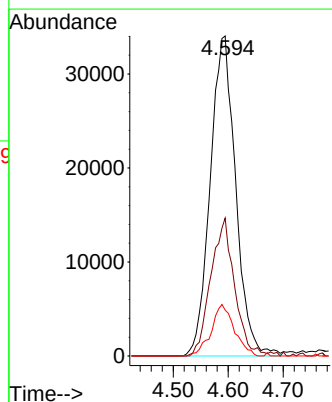
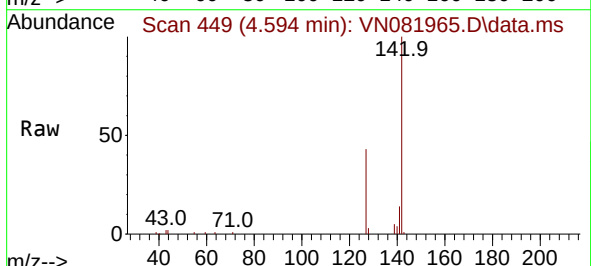
Manual Integrations
APPROVED

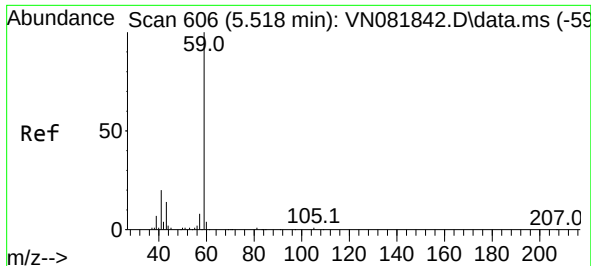
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#10
Methyl Iodide
Concen: 57.315 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

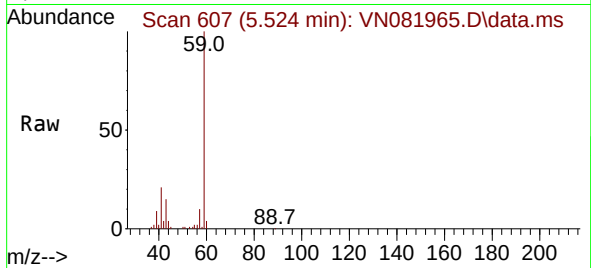
Tgt Ion:142 Resp: 109525
Ion Ratio Lower Upper
142 100
127 43.1 35.8 53.6
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 261.586 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

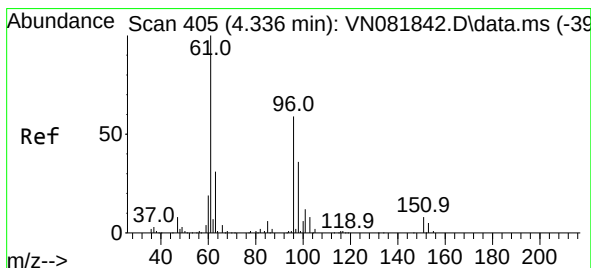
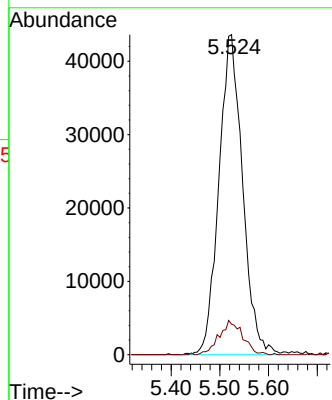
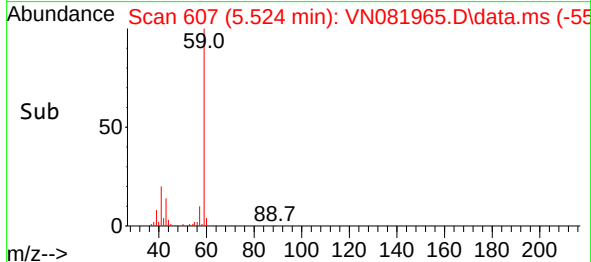
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



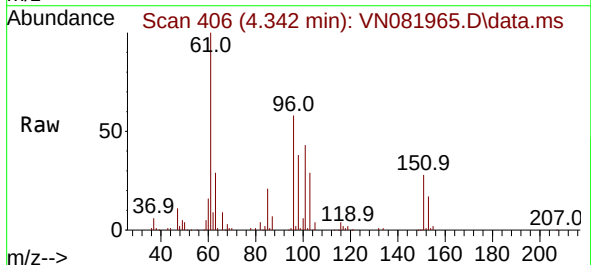
Tgt Ion: 59 Resp: 147080
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

Manual Integrations
APPROVED

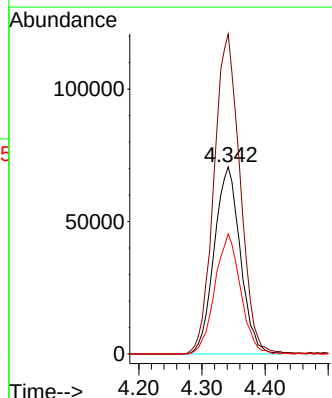
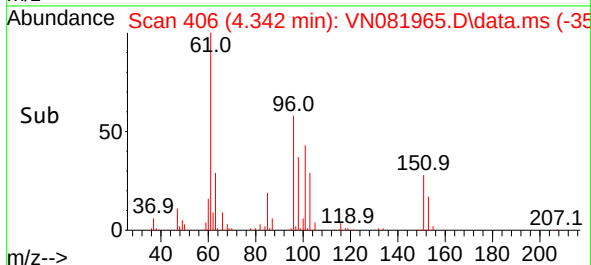
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

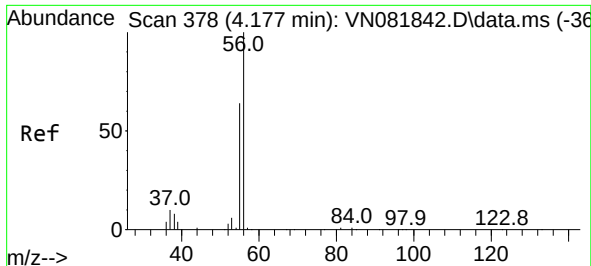


#12
1,1-Dichloroethene
Concen: 91.341 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



Tgt Ion: 96 Resp: 202740
Ion Ratio Lower Upper
96 100
61 171.3 119.7 179.5
98 64.3 49.6 74.4





#13

Acrolein

Concen: 251.851 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion: 56 Resp: 11044

Ion Ratio Lower Upper

56 100

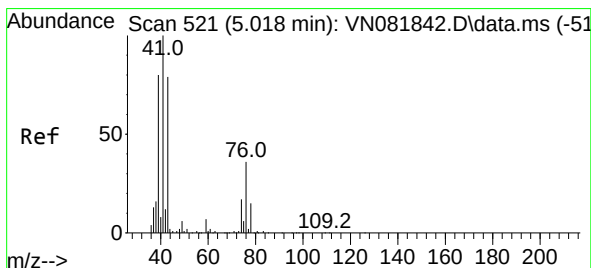
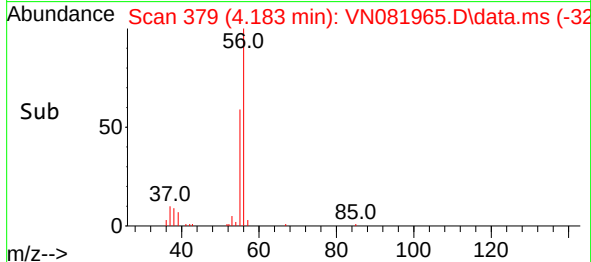
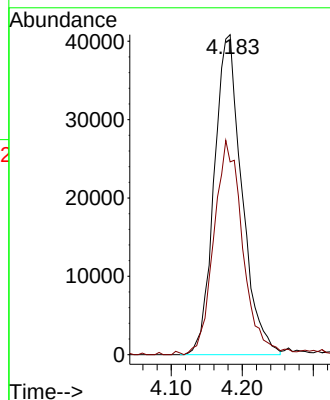
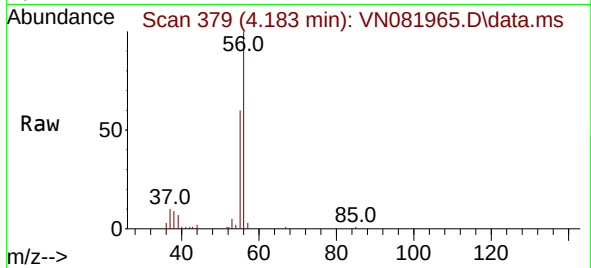
55 70.0 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#14

Allyl chloride

Concen: 43.839 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

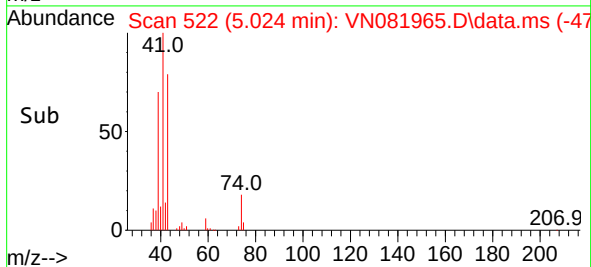
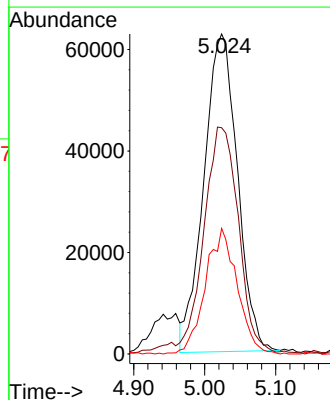
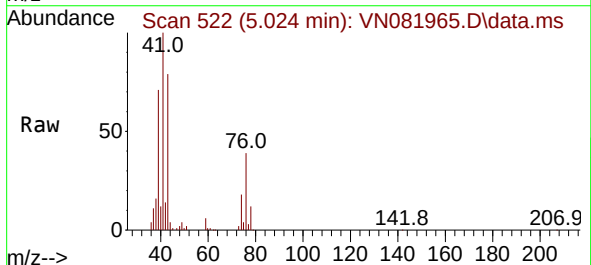
Tgt Ion: 41 Resp: 205824

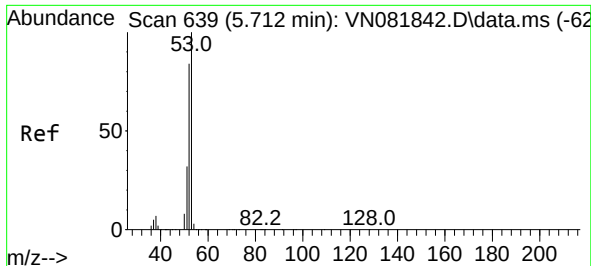
Ion Ratio Lower Upper

41 100

39 75.8 65.4 98.0

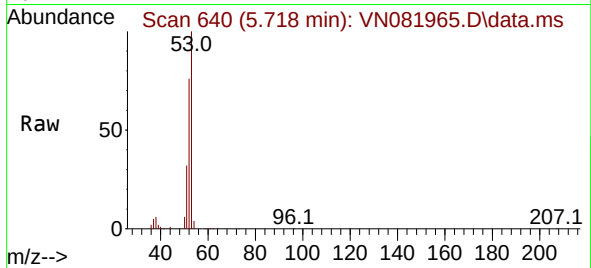
76 37.4 37.3 55.9





#15
Acrylonitrile
Concen: 275.966 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

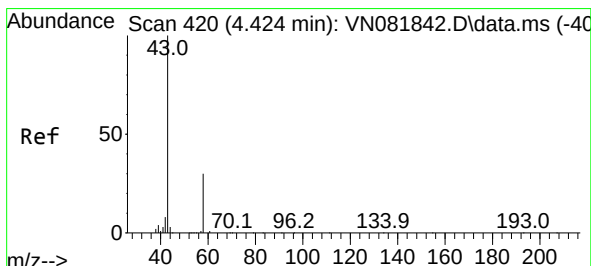
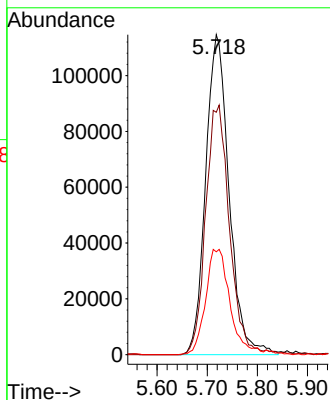
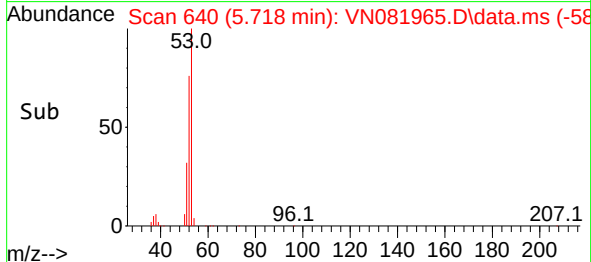
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



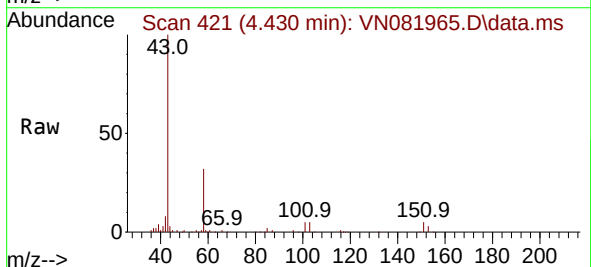
Tgt Ion: 53 Resp: 37259
Ion Ratio Lower Upper
53 100
52 79.4 66.1 99.1
51 34.2 29.4 44.2

Manual Integrations
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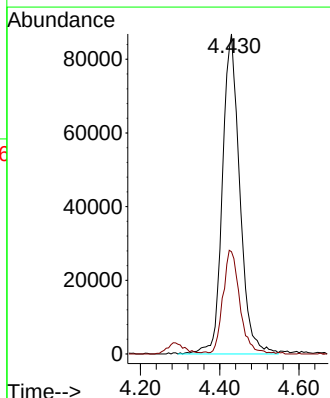
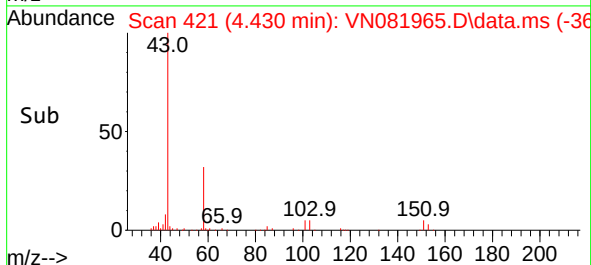
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

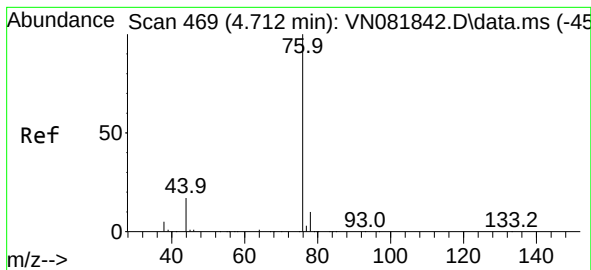


#16
Acetone
Concen: 289.998 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



Tgt Ion: 43 Resp: 264434
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8





#17

Carbon Disulfide

Concen: 46.067 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion: 76 Resp: 30732

Ion Ratio Lower Upper

76 100

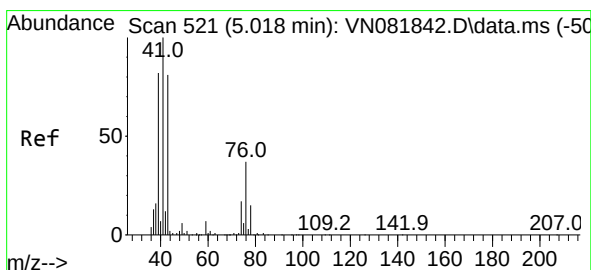
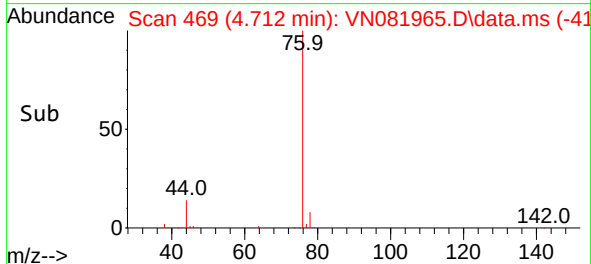
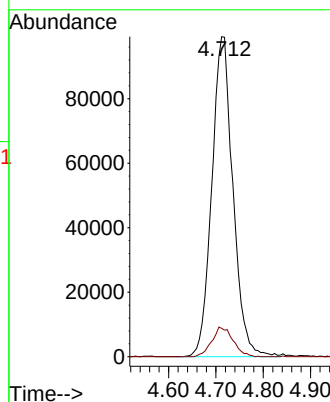
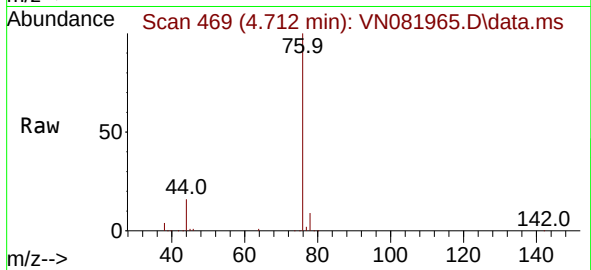
78 8.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#18

Methyl Acetate

Concen: 51.284 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081965.D

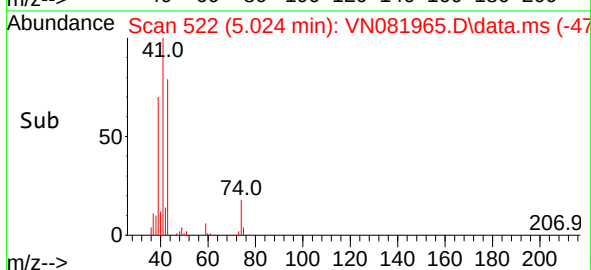
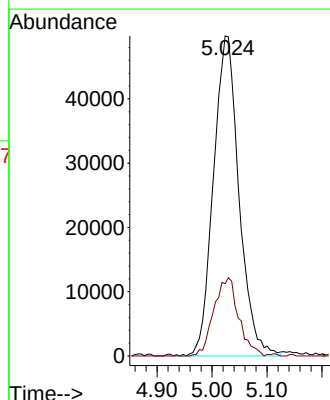
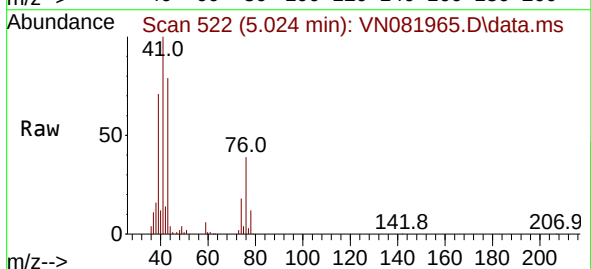
Acq: 01 May 2024 18:39

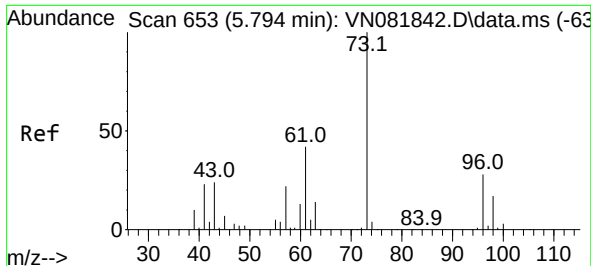
Tgt Ion: 43 Resp: 160660

Ion Ratio Lower Upper

43 100

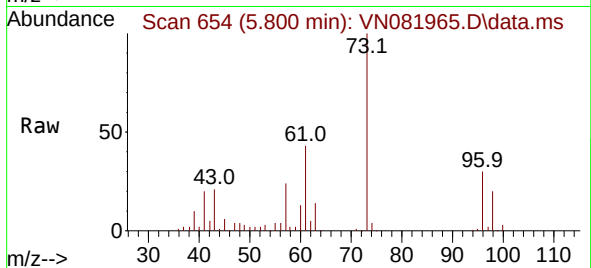
74 23.8 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 51.200 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

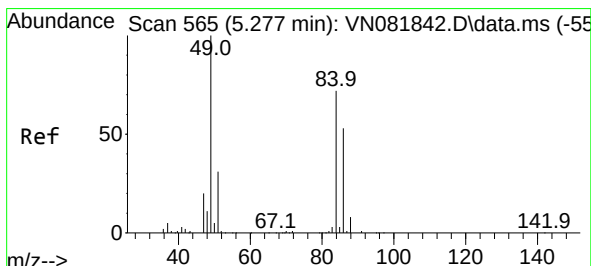
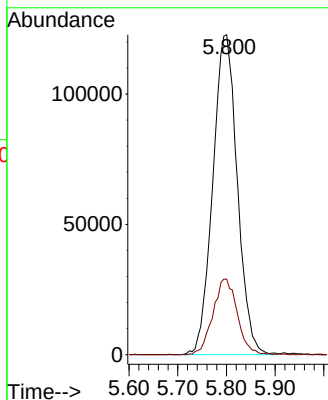
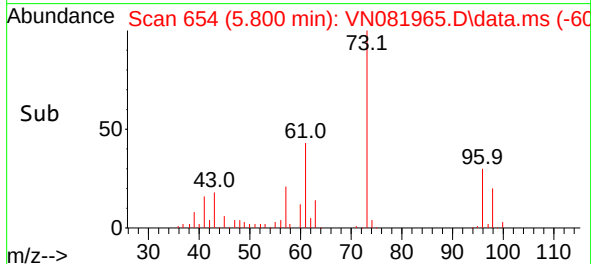
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



Tgt Ion: 73 Resp: 428824
Ion Ratio Lower Upper
73 100
57 23.6 16.5 24.7

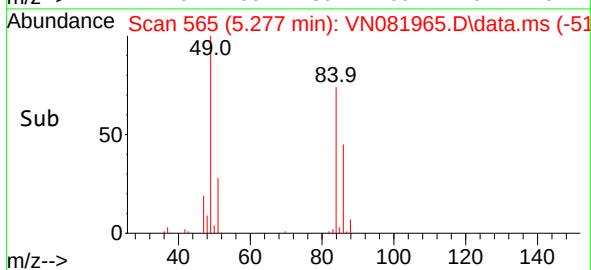
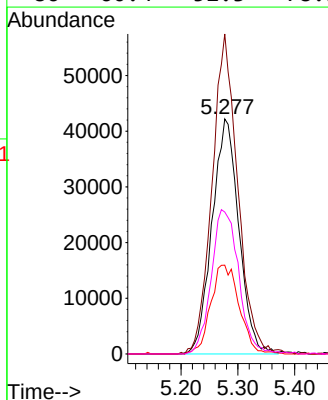
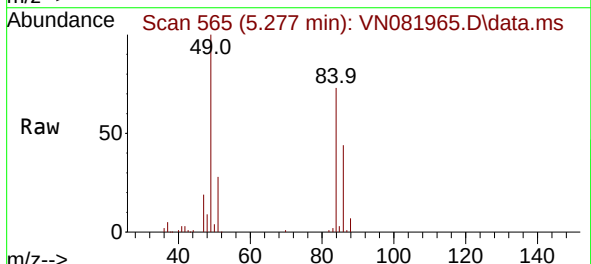
Manual Integrations
APPROVED

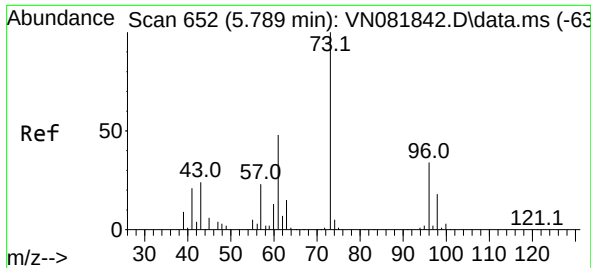
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#20
Methylene Chloride
Concen: 52.115 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

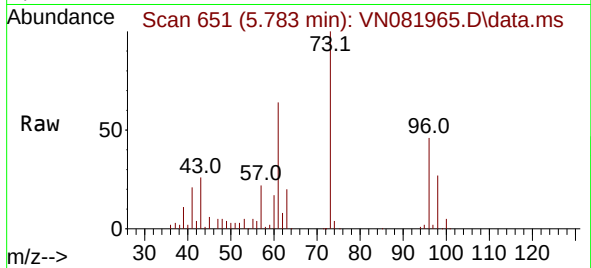
Tgt Ion: 84 Resp: 138135
Ion Ratio Lower Upper
84 100
49 136.1 84.9 127.3#
51 37.8 27.0 40.6
86 60.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 58.149 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

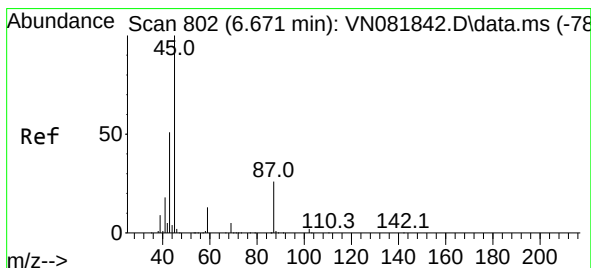
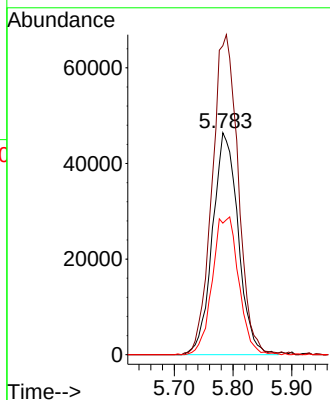
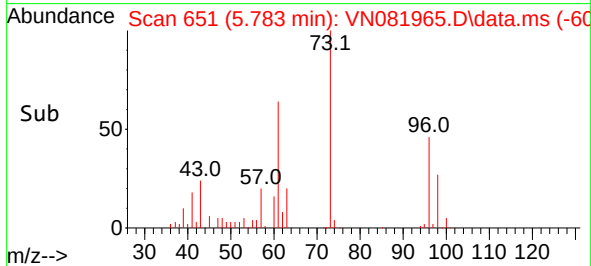
Instrument : MSVOA_N
ClientSampleId : MW-18B-64-043024MS



Tgt Ion: 96 Resp: 140724
Ion Ratio Lower Upper
96 100
61 139.2 96.5 144.7
98 58.9 51.3 76.9

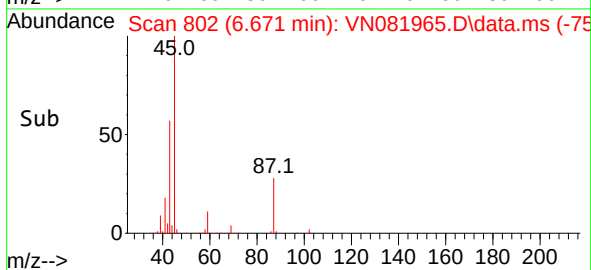
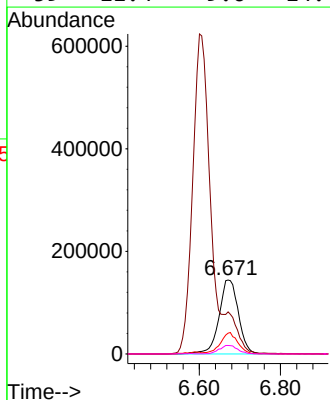
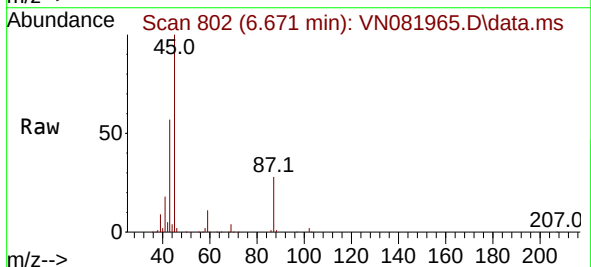
Manual Integrations
APPROVED

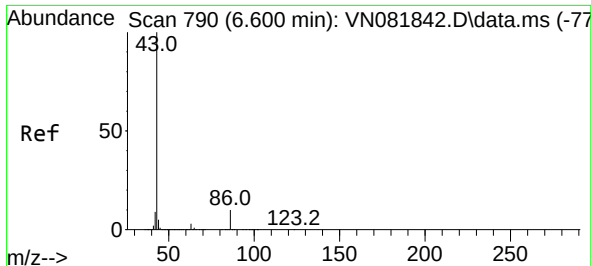
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#22
Diisopropyl ether
Concen: 52.783 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

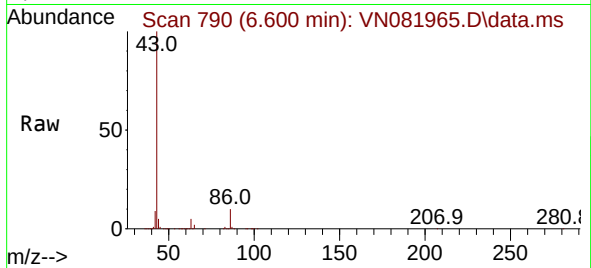
Tgt Ion: 45 Resp: 479537
Ion Ratio Lower Upper
45 100
43 56.6 44.1 66.1
87 28.1 27.0 40.6
59 11.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 249.275 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081965.D
 Acq: 01 May 2024 18:39

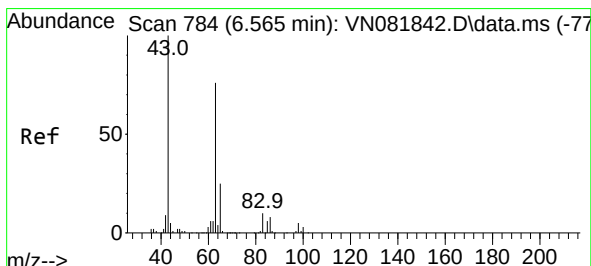
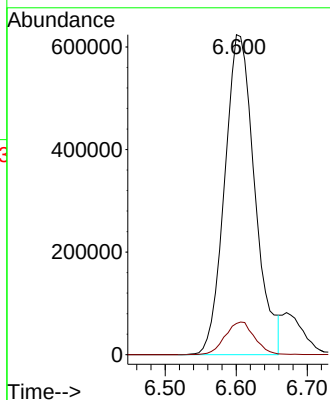
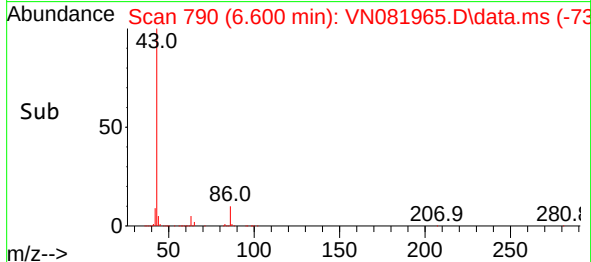
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18B-64-043024MS



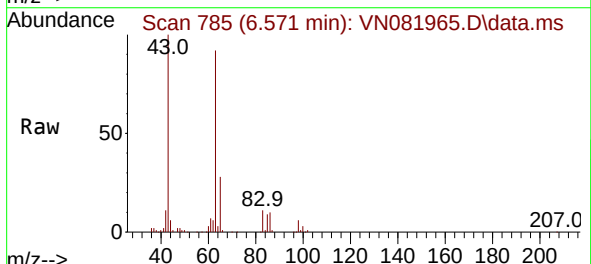
Tgt Ion: 43 Resp: 184008
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.2 15.4

Manual Integrations
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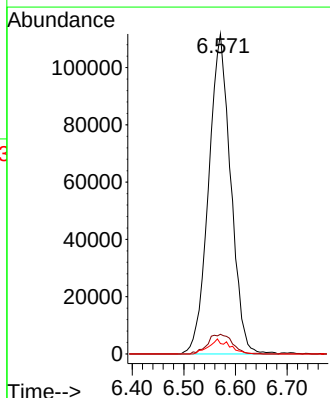
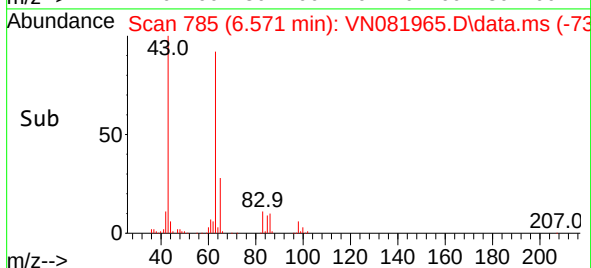
Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

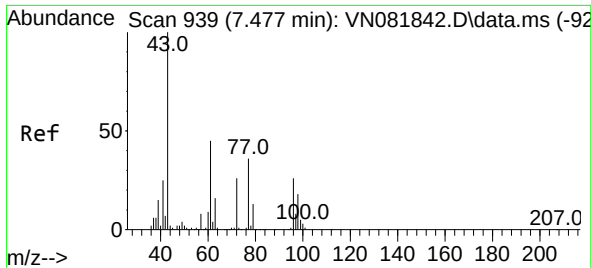


#24
 1,1-Dichloroethane
 Concen: 70.068 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081965.D
 Acq: 01 May 2024 18:39



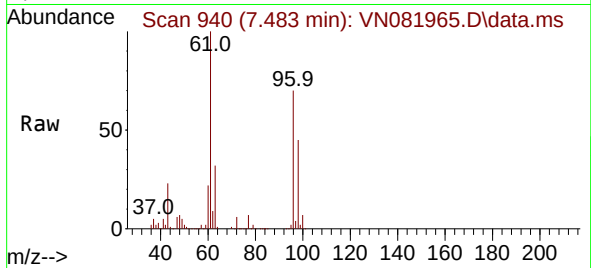
Tgt Ion: 63 Resp: 331327
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 3.3 2.6 7.8





#25
2-Butanone
Concen: 266.327 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

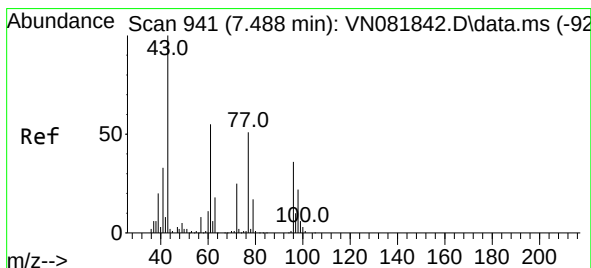
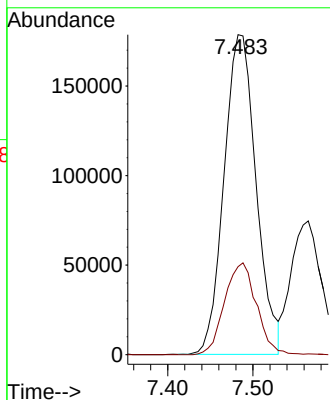
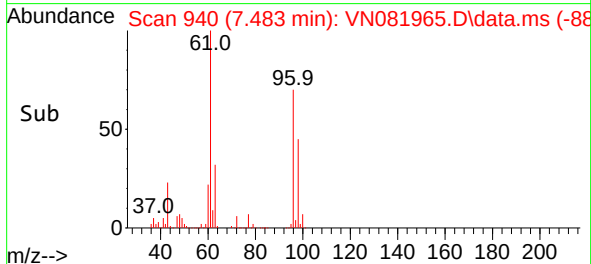
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



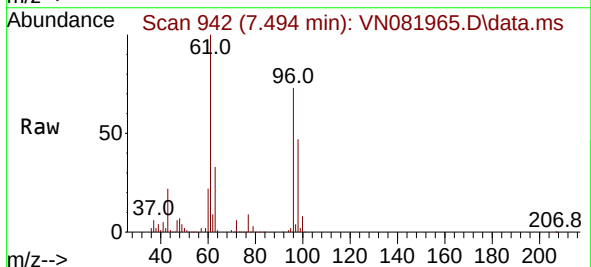
Tgt Ion: 43 Resp: 467520
Ion Ratio Lower Upper
43 100
72 27.5 25.3 37.9

Manual Integrations
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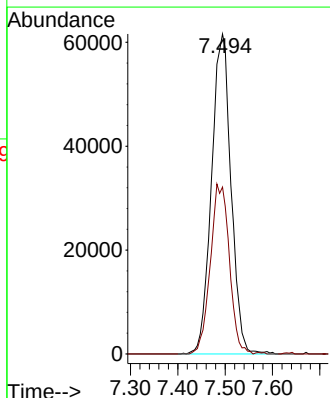
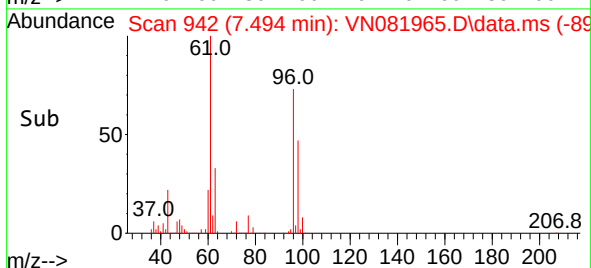
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

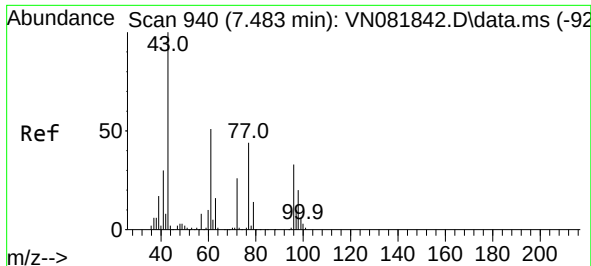


#26
2,2-Dichloropropane
Concen: 40.517 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



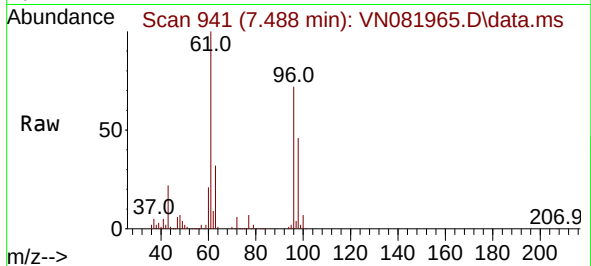
Tgt Ion: 77 Resp: 176244
Ion Ratio Lower Upper
77 100
97 51.7 11.3 33.9#





#27
cis-1,2-Dichloroethene
Concen: 538.833 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

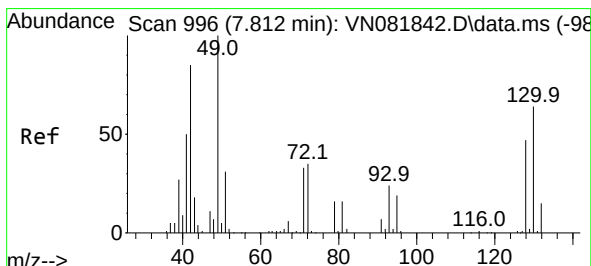
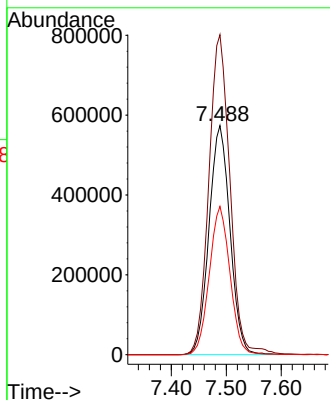
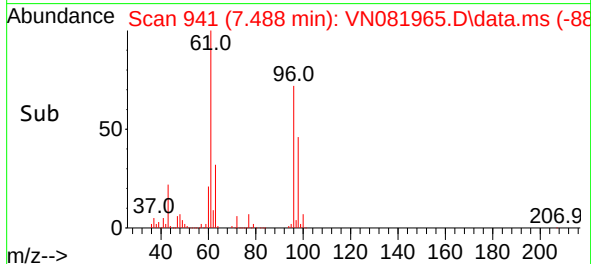
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



Tgt Ion: 96 Resp: 1523780
Ion Ratio Lower Upper
96 100
61 140.5 0.0 268.0
98 63.6 0.0 126.8

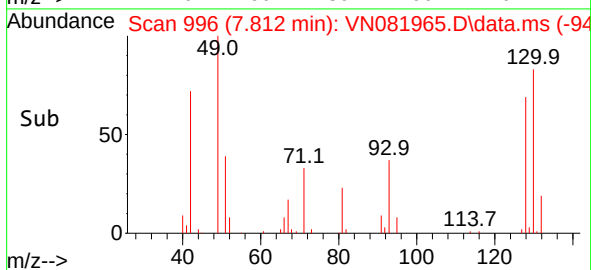
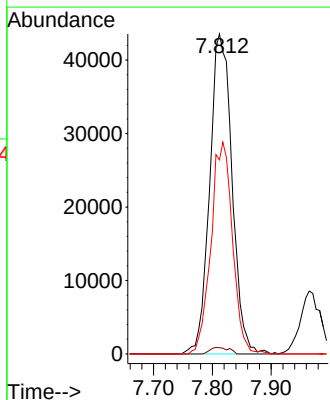
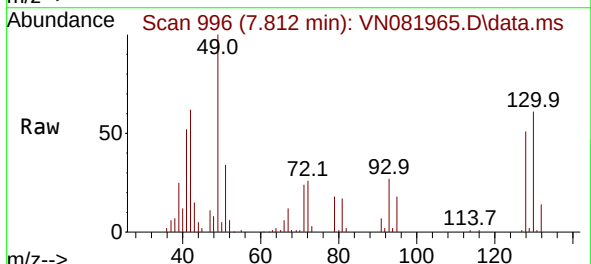
Manual Integrations
APPROVED

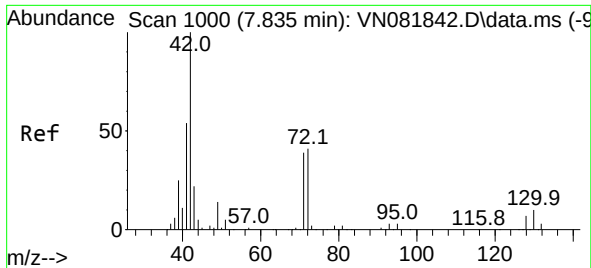
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#28
Bromochloromethane
Concen: 51.136 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

Tgt Ion: 49 Resp: 114924
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 63.8 66.7 100.1#





#29

Tetrahydrofuran

Concen: 257.176 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081965.D

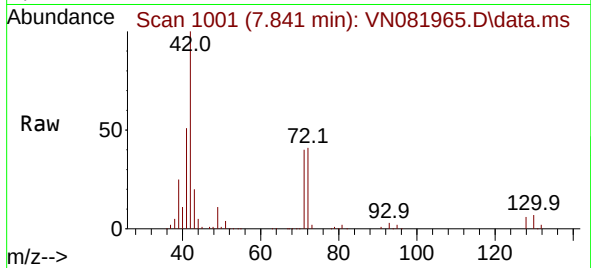
Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS



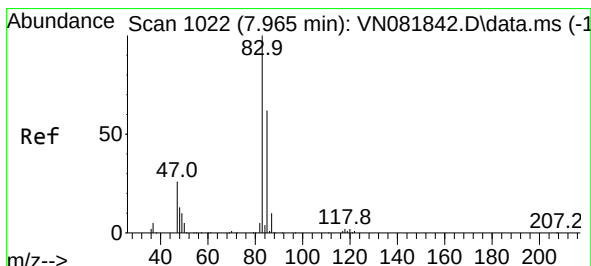
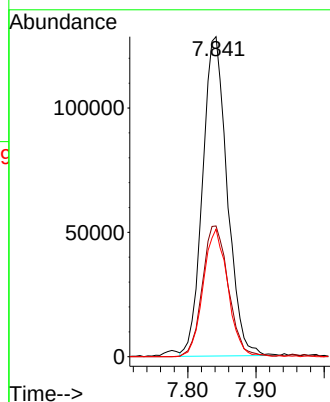
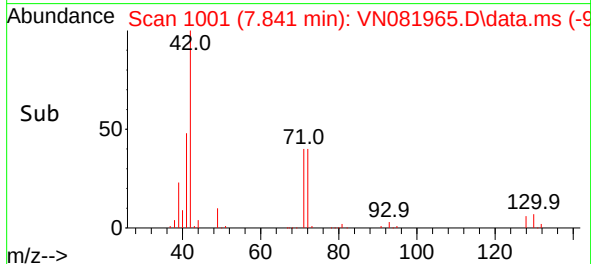
Tgt Ion:	42	Resp:	32374
Ion Ratio	100	Lower	Upper
42	100		
72	43.1	39.3	58.9
71	39.9	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#30

Chloroform

Concen: 50.951 ug/l

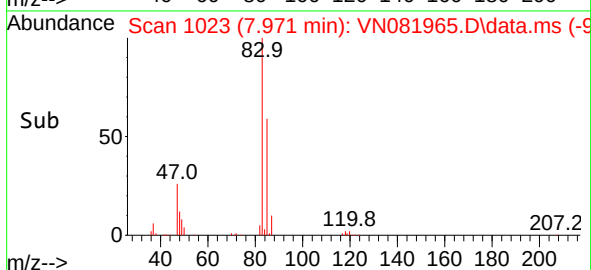
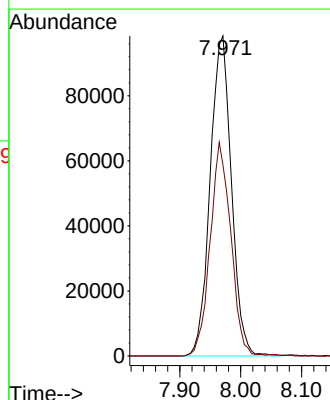
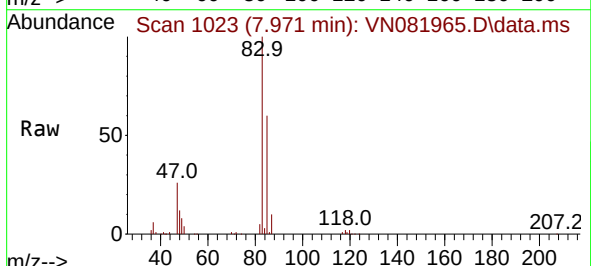
RT: 7.971 min Scan# 1023

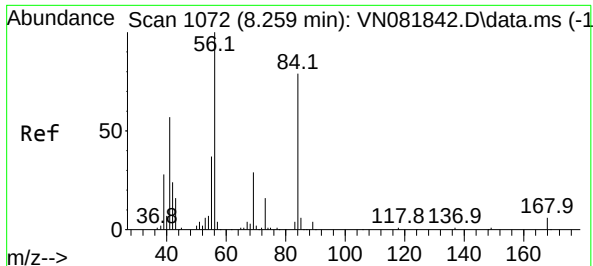
Delta R.T. 0.006 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

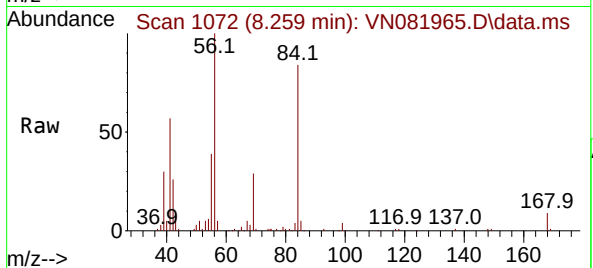
Tgt Ion:	83	Resp:	238814
Ion Ratio	100	Lower	Upper
83	100		
85	59.7	50.7	76.1





#31
Cyclohexane
Concen: 47.569 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

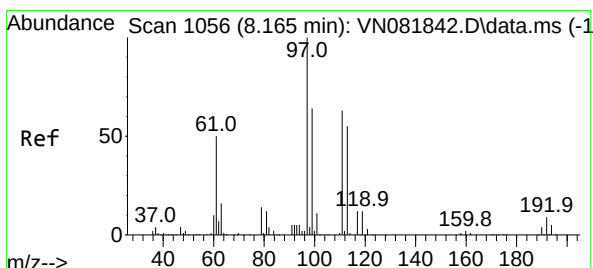
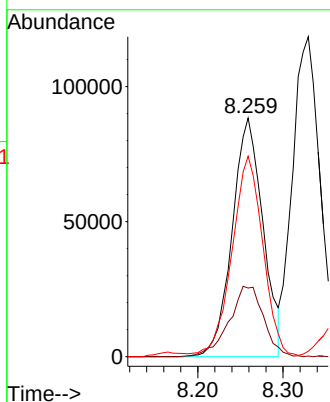
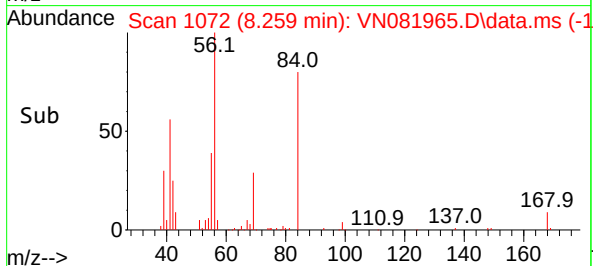
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



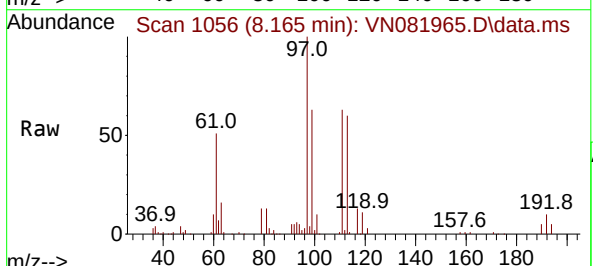
Tgt Ion: 56 Resp: 221639
Ion Ratio Lower Upper
56 100
69 28.8 24.4 36.6
84 82.6 77.0 115.4

Manual Integrations
APPROVED

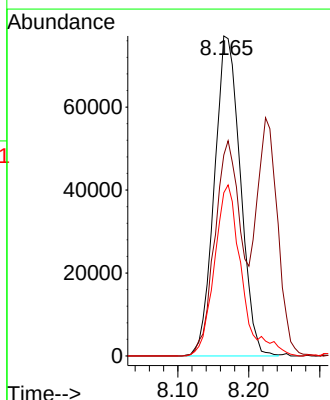
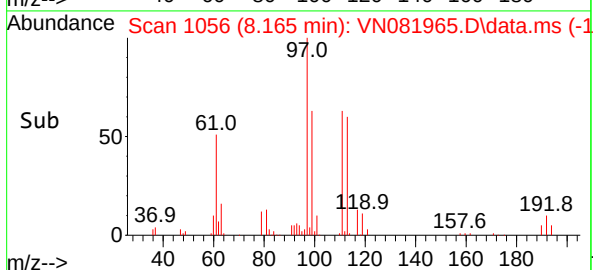
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

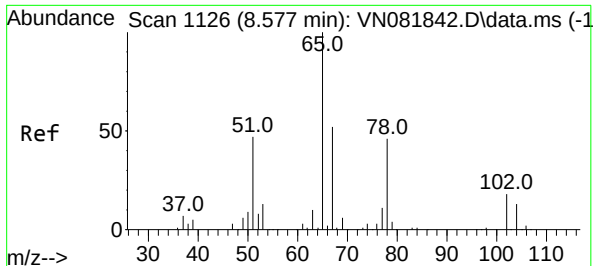


#32
1,1,1-Trichloroethane
Concen: 46.788 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



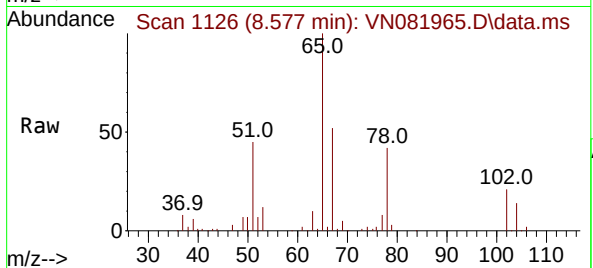
Tgt Ion: 97 Resp: 195570
Ion Ratio Lower Upper
97 100
99 68.2 50.3 75.5
61 56.0 36.6 55.0#





#33
1,2-Dichloroethane-d4
Concen: 50.025 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

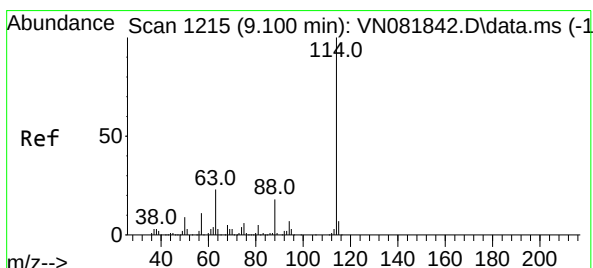
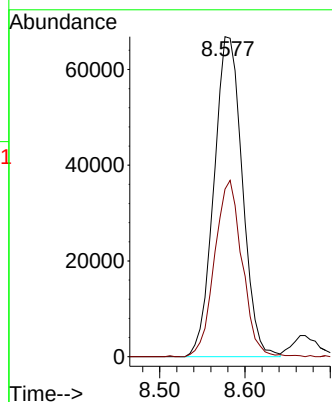
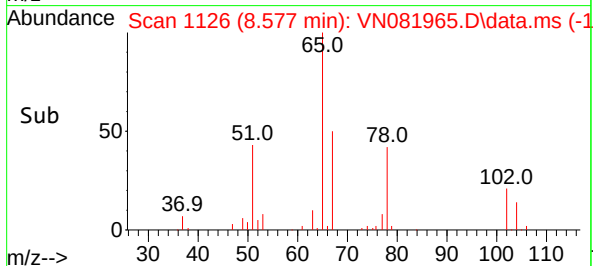
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



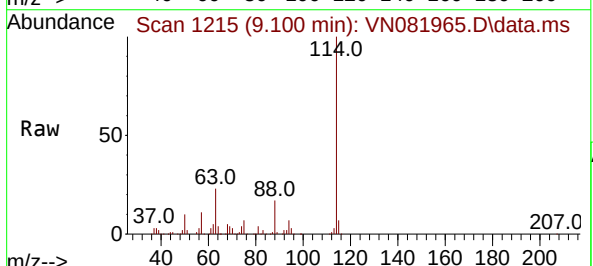
Tgt Ion: 65 Resp: 154724
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

Manual Integrations
APPROVED

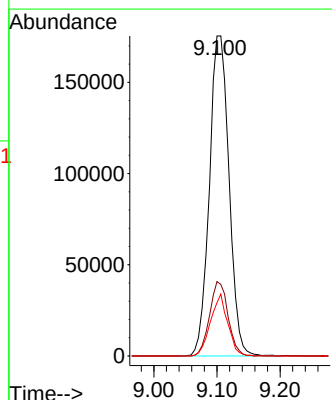
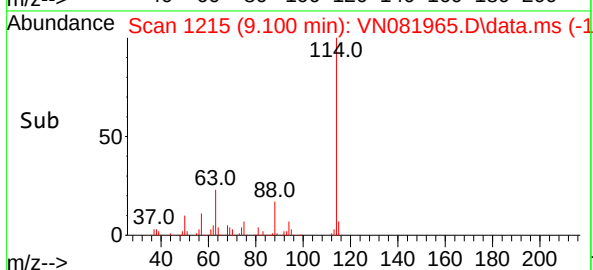
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

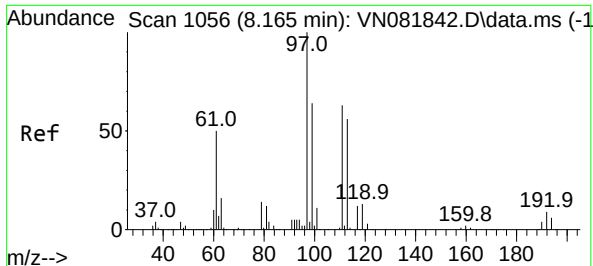


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



Tgt Ion:114 Resp: 379228
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.0
88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.665 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081965.D

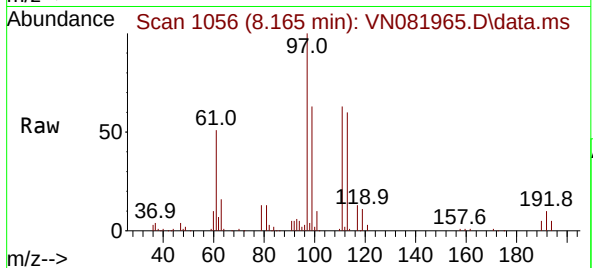
Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS



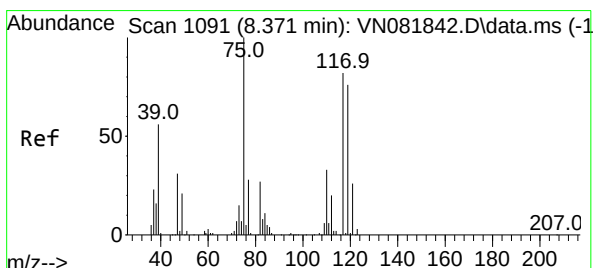
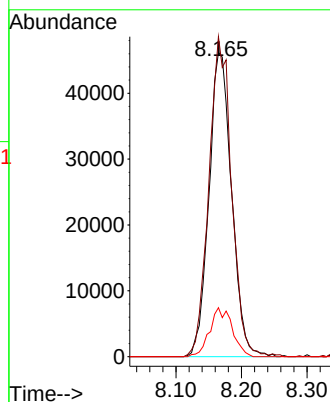
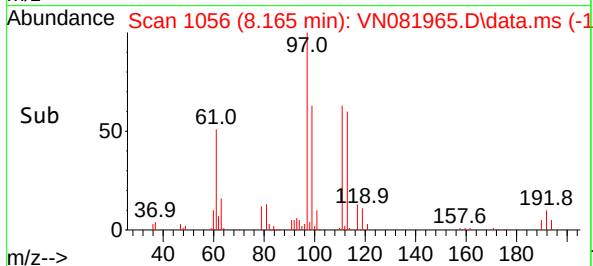
Tgt Ion:	113	Resp:	11111
Ion Ratio	Lower	Upper	
113	100		
111	105.0	83.4	125.2
192	16.0	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#36

1,1-Dichloropropene

Concen: 46.774 ug/l

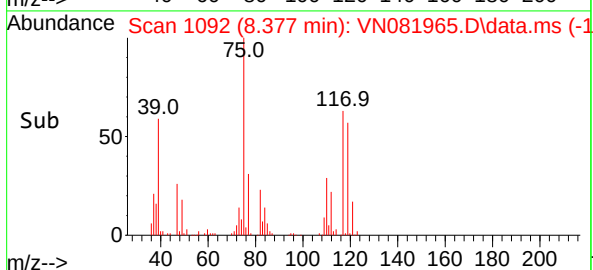
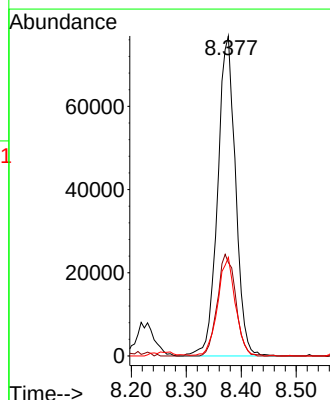
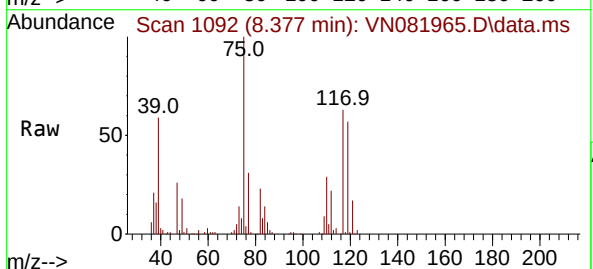
RT: 8.377 min Scan# 1092

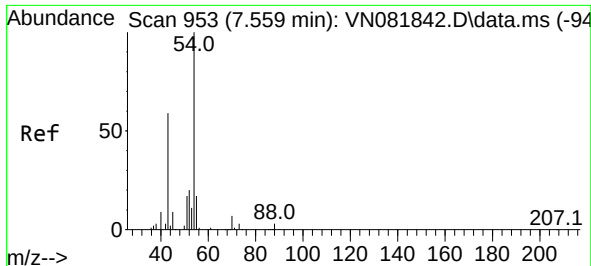
Delta R.T. 0.006 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

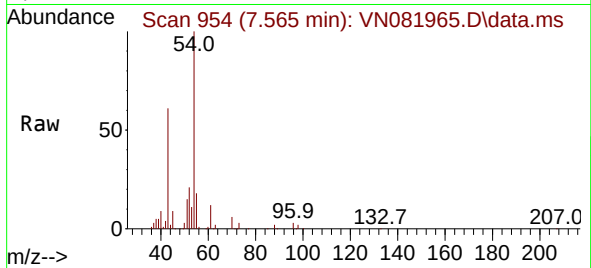
Tgt Ion:	75	Resp:	173747
Ion Ratio	Lower	Upper	
75	100		
110	32.6	17.8	53.5
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 47.645 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

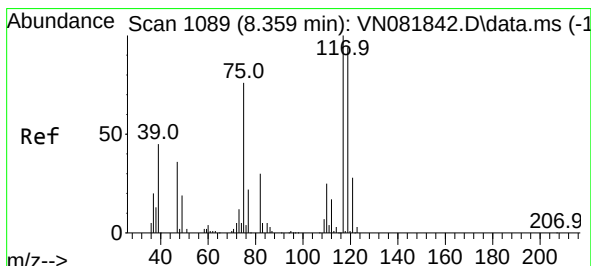
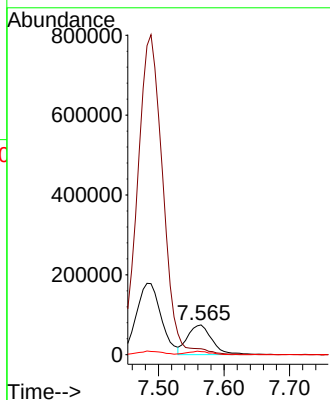
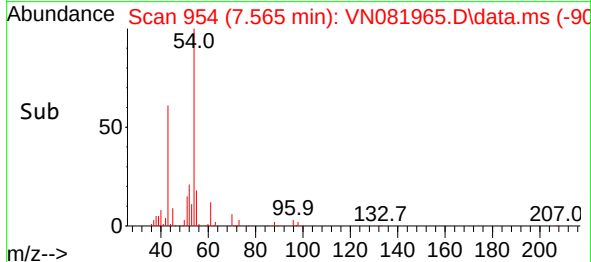
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



Tgt Ion: 43 Resp: 191350
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9
70 10.8 8.7 13.1

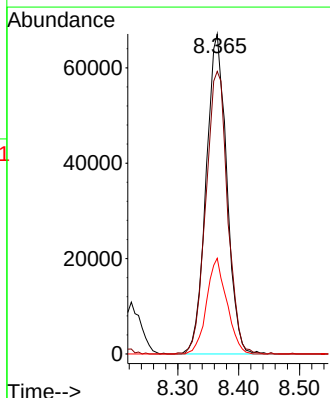
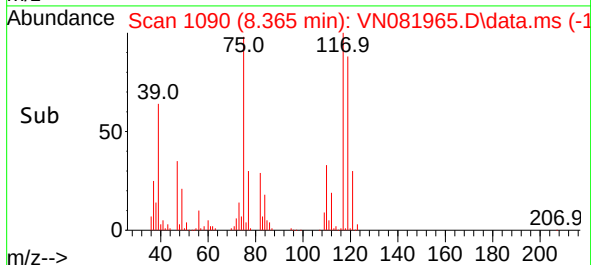
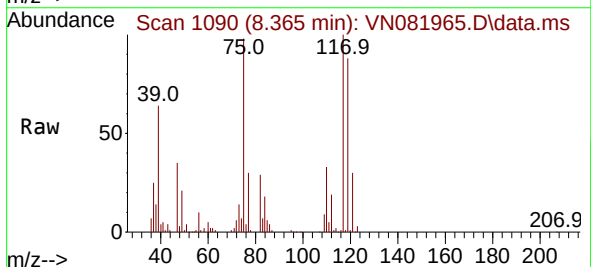
Manual Integrations
APPROVED

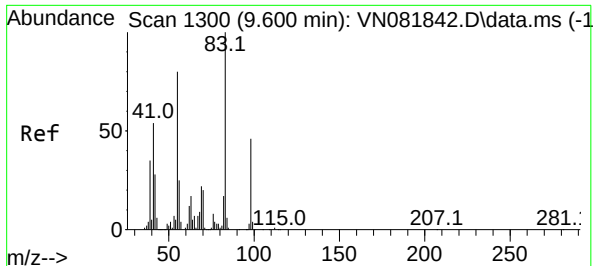
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#38
Carbon Tetrachloride
Concen: 43.381 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

Tgt Ion:117 Resp: 157493
Ion Ratio Lower Upper
117 100
119 88.3 76.5 114.7
121 29.9 23.9 35.9





#39

Methylcyclohexane

Concen: 42.914 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081965.D

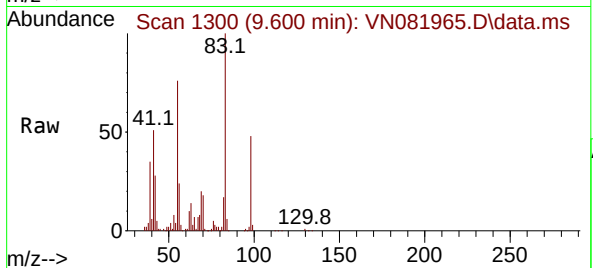
Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS



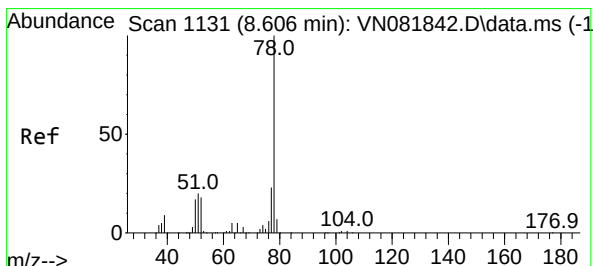
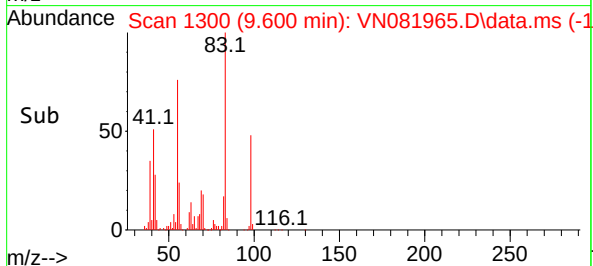
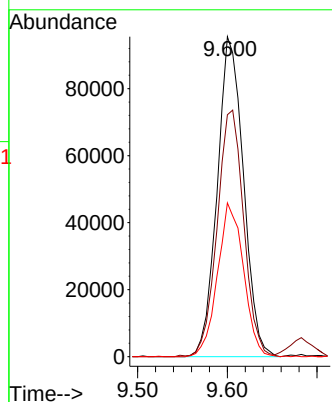
Tgt Ion:	83	Resp:	19359
Ion Ratio	Lower	Upper	
83	100		
55	75.2	53.0	79.6
98	48.1	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#40

Benzene

Concen: 52.054 ug/l

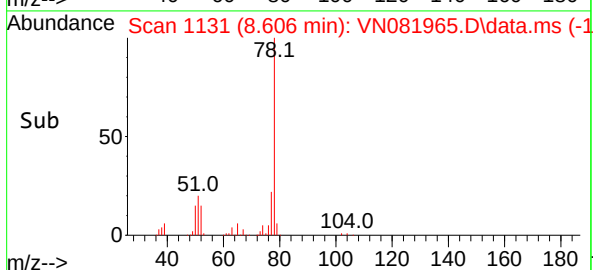
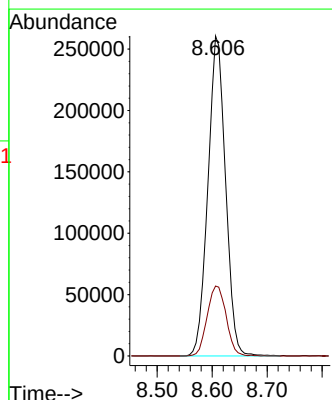
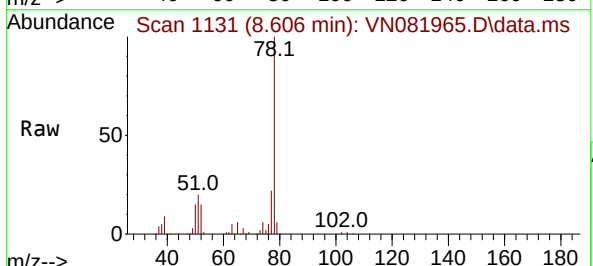
RT: 8.606 min Scan# 1131

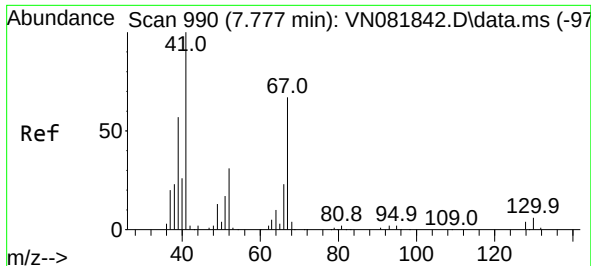
Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

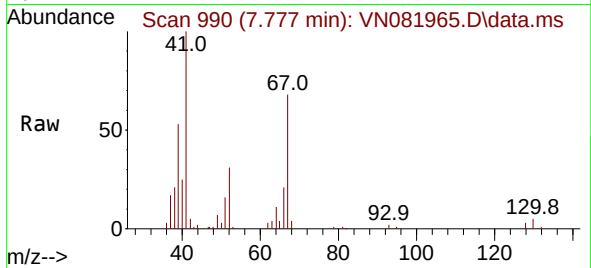
Tgt Ion:	78	Resp:	580459
Ion Ratio	Lower	Upper	
78	100		
77	21.8	20.0	30.0





#41
Methacrylonitrile
Concen: 44.465 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

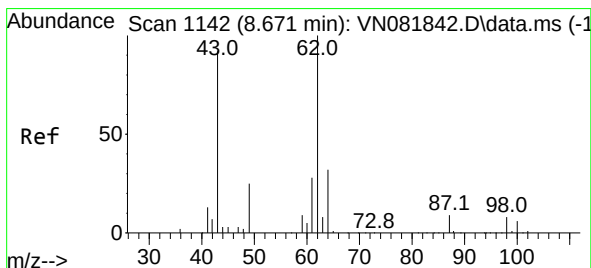
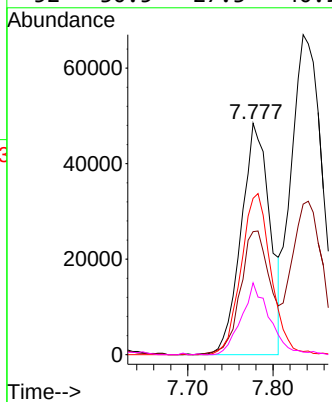
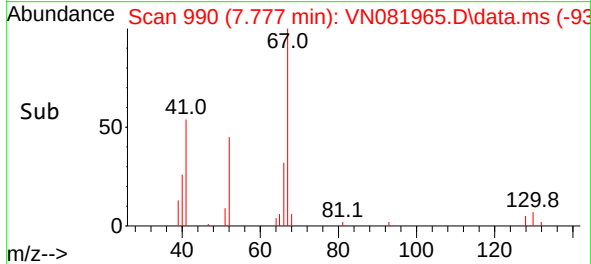
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



Tgt Ion: 41 Resp: 113950
Ion Ratio Lower Upper
41 100
39 54.9 46.6 69.8
67 72.5 67.3 100.9
52 30.5 27.3 40.9

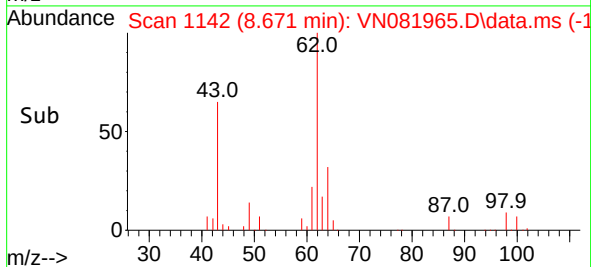
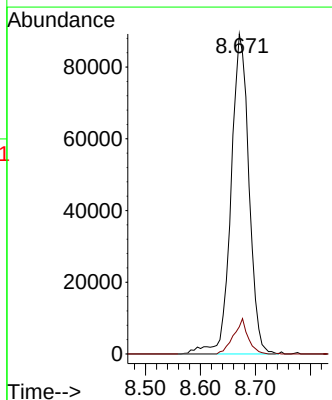
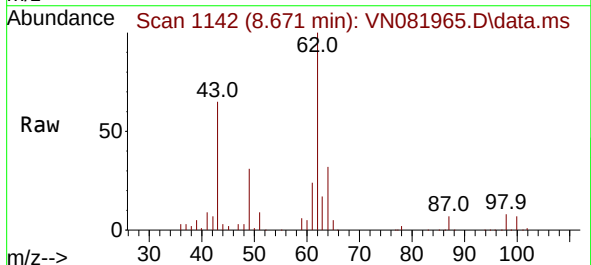
Manual Integrations
APPROVED

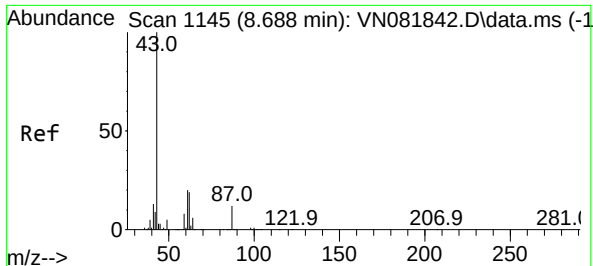
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#42
1,2-Dichloroethane
Concen: 48.844 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

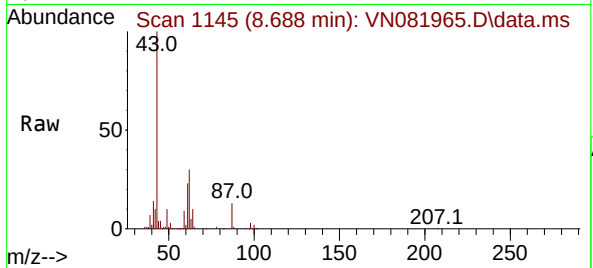
Tgt Ion: 62 Resp: 202249
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 45.879 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

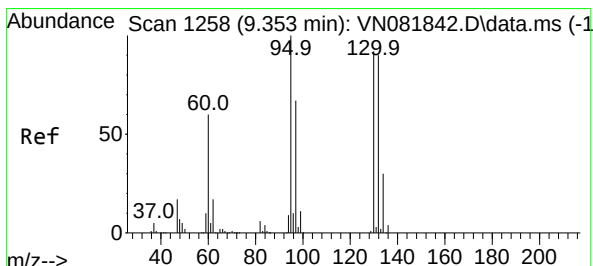
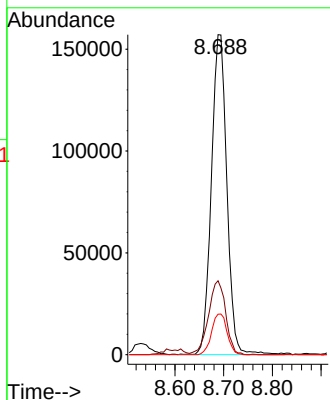
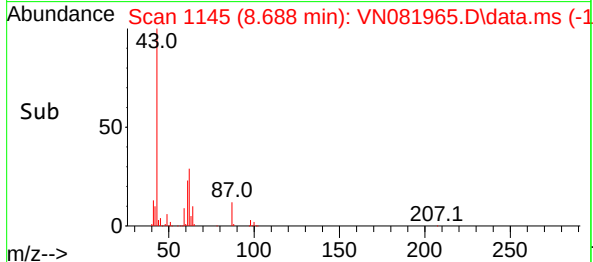
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



Tgt Ion: 43 Resp: 346460
Ion Ratio Lower Upper
43 100
61 25.6 22.8 34.2
87 12.7 12.0 18.0

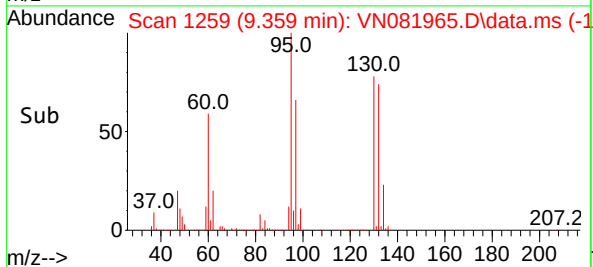
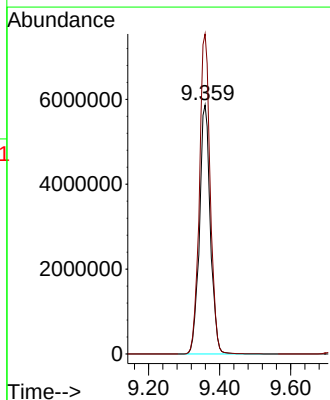
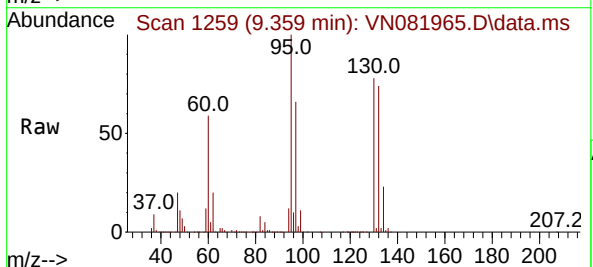
Manual Integrations
APPROVED

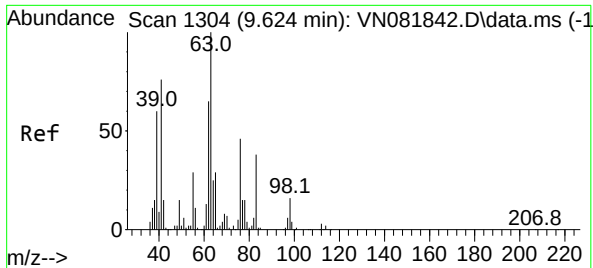
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#44
Trichloroethene
Concen: 4873.989 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

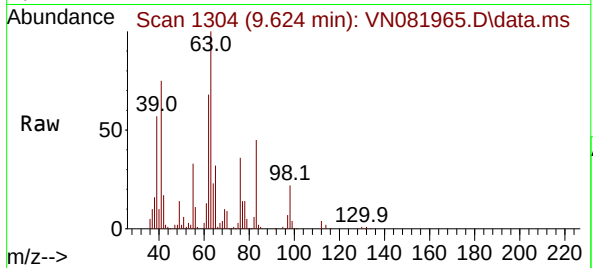
Tgt Ion:130 Resp:12530762
Ion Ratio Lower Upper
130 100
95 128.6 0.0 195.4





#45
1,2-Dichloropropane
Concen: 48.020 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

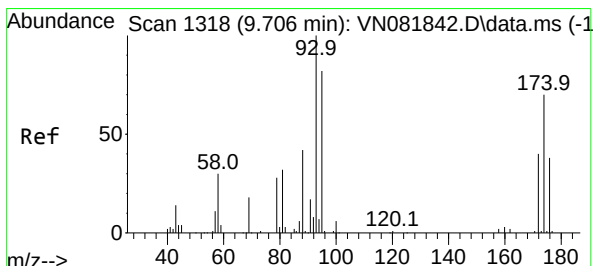
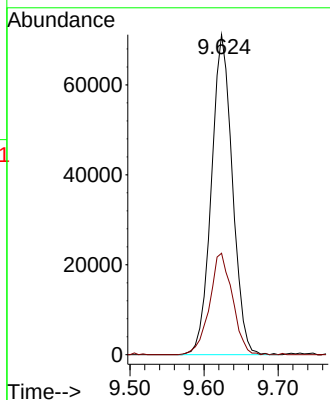
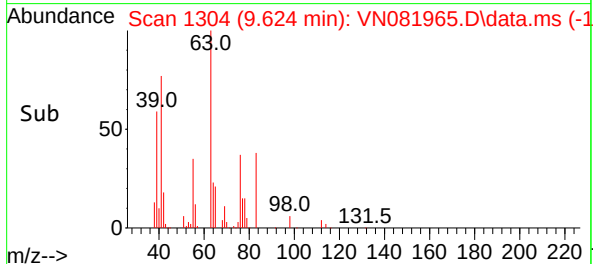
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



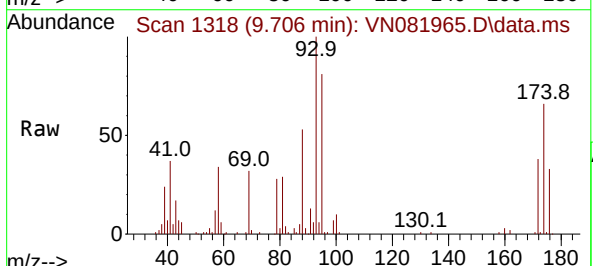
Tgt Ion: 63 Resp: 140139
Ion Ratio Lower Upper
63 100
65 31.7 24.1 36.1

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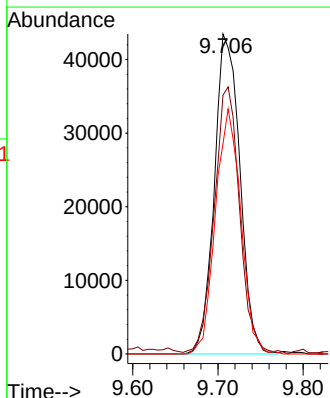
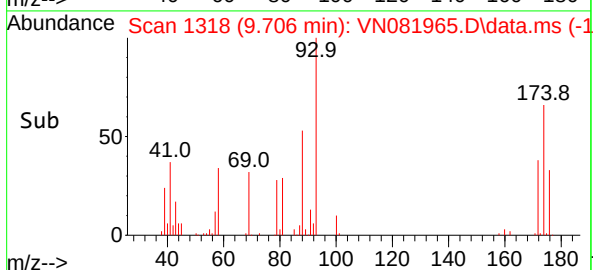
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

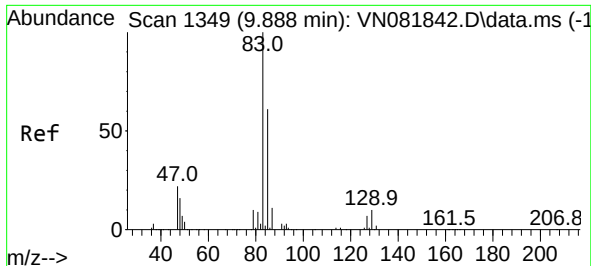


#46
Dibromomethane
Concen: 44.760 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



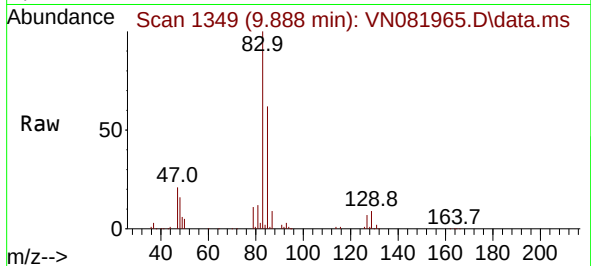
Tgt Ion: 93 Resp: 90285
Ion Ratio Lower Upper
93 100
95 83.7 64.8 97.2
174 76.4 73.4 110.0





#47
Bromodichloromethane
Concen: 44.280 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

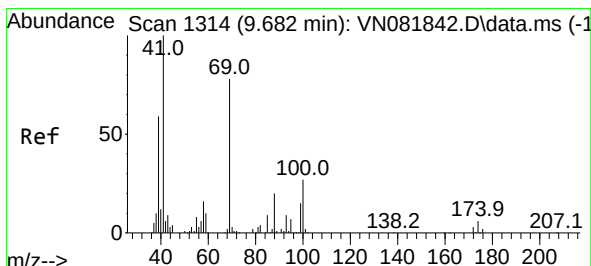
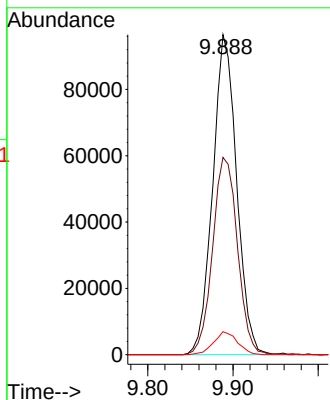
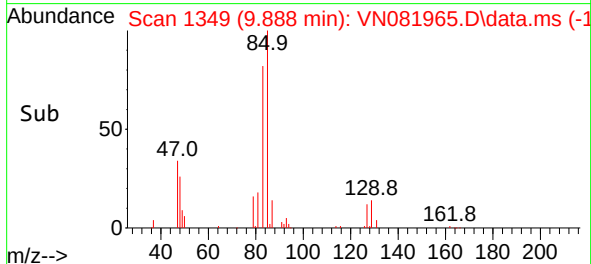
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



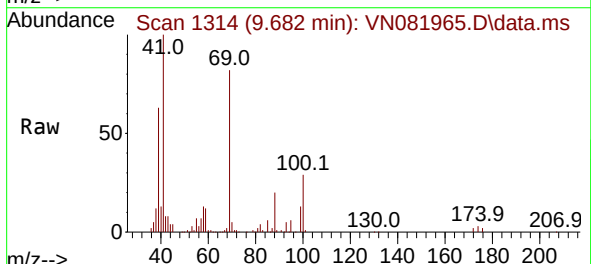
Tgt Ion: 83 Resp: 18836
Ion Ratio Lower Upper
83 100
85 61.7 51.9 77.9
127 7.2 7.5 11.3

Manual Integrations
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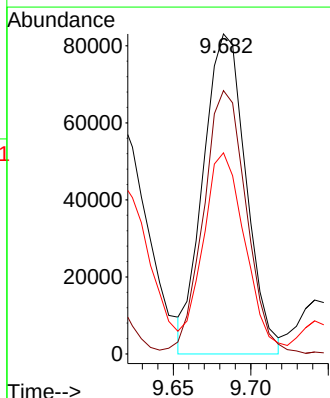
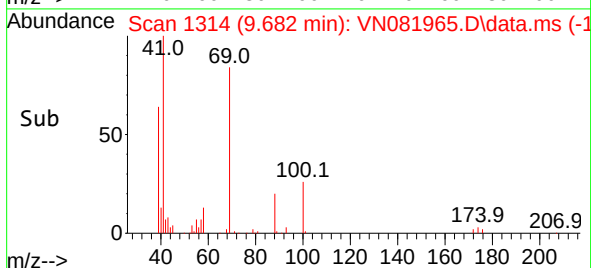
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

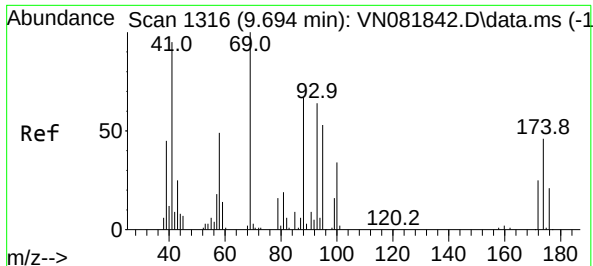


#48
Methyl methacrylate
Concen: 44.190 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



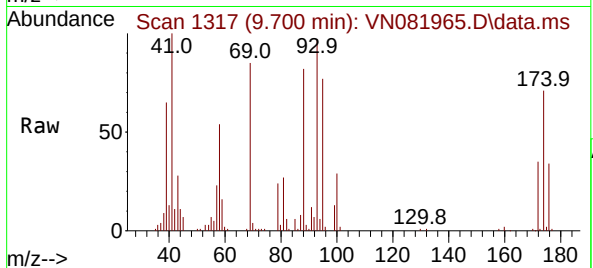
Tgt Ion: 41 Resp: 159307
Ion Ratio Lower Upper
41 100
69 82.2 77.9 116.9
39 62.5 50.9 76.3





#49
1,4-Dioxane
Concen: 1073.456 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

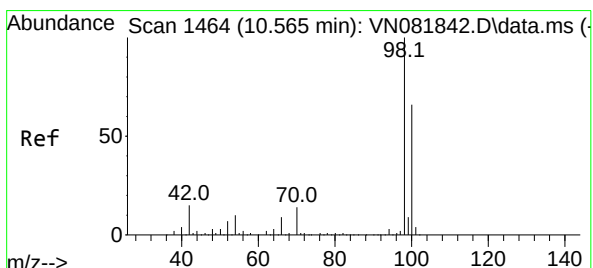
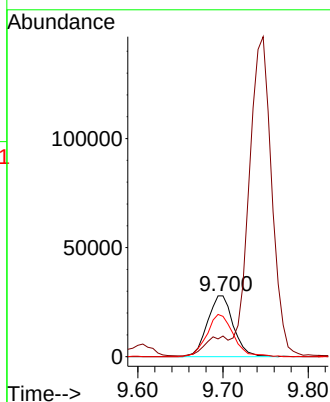
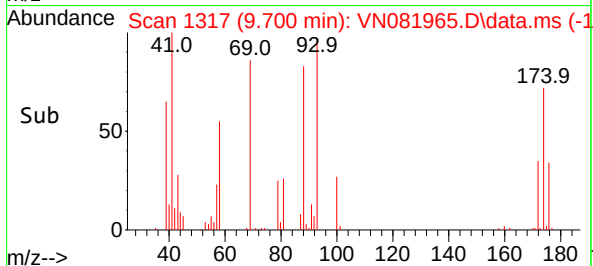
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



Tgt Ion: 88 Resp: 58819
Ion Ratio Lower Upper
88 100
43 29.4 19.0 28.6
58 71.2 50.6 76.0

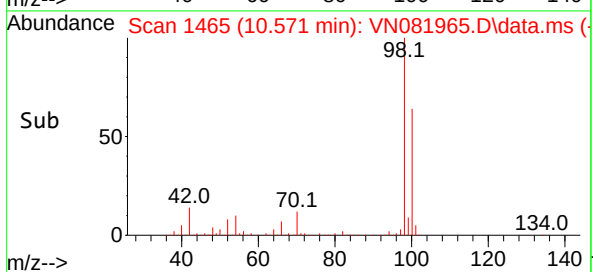
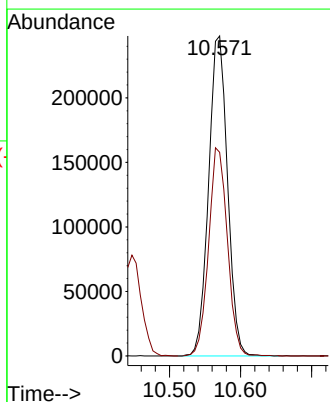
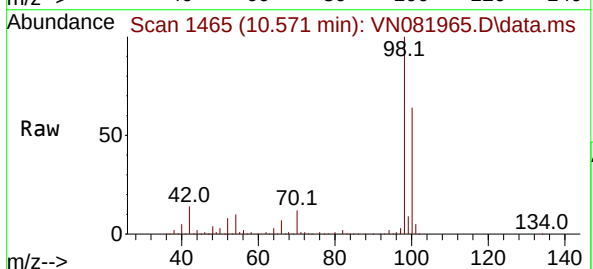
Manual Integrations
APPROVED

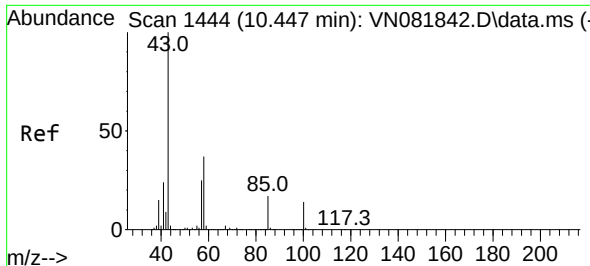
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#50
Toluene-d8
Concen: 51.115 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

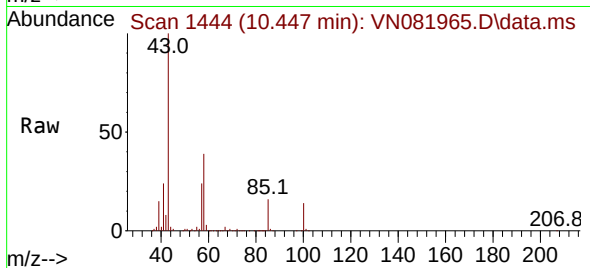
Tgt Ion: 98 Resp: 458371
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 242.672 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

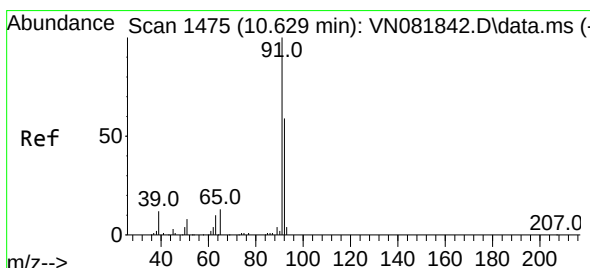
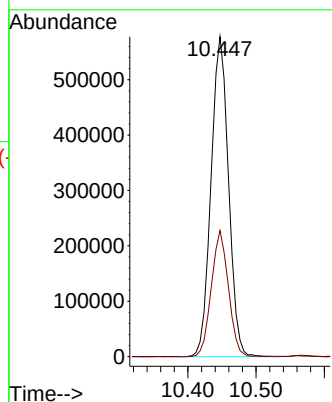
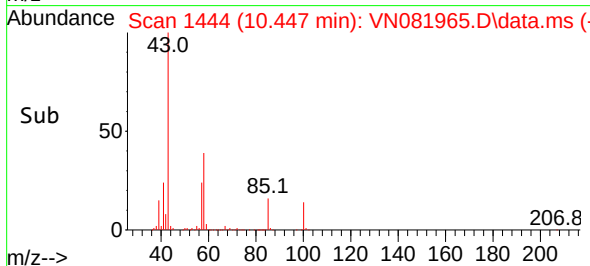
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



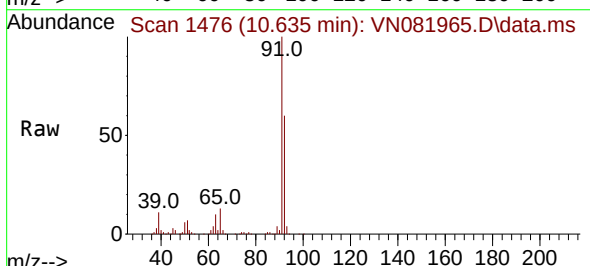
Tgt Ion: 43 Resp: 1031648
Ion Ratio Lower Upper
43 100
58 38.5 33.2 49.8

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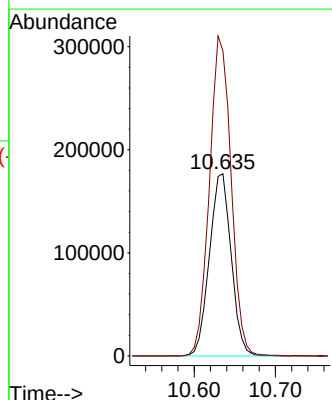
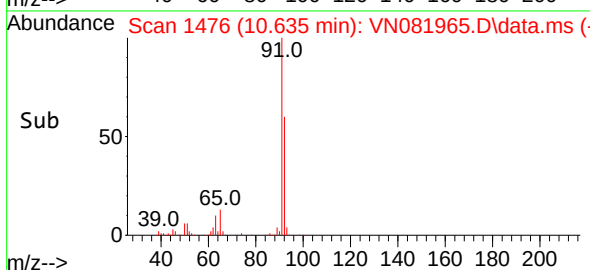
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

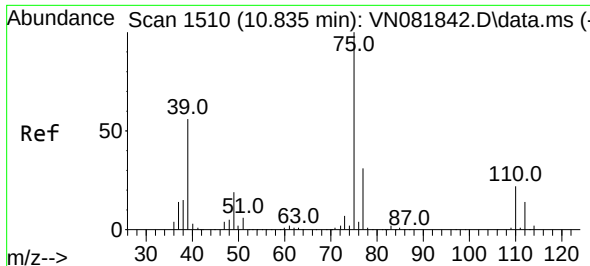


#52
Toluene
Concen: 49.233 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



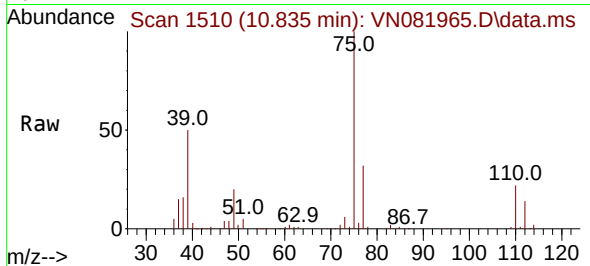
Tgt Ion: 92 Resp: 328772
Ion Ratio Lower Upper
92 100
91 174.8 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 44.765 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

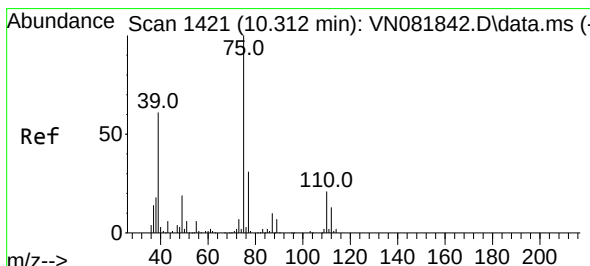
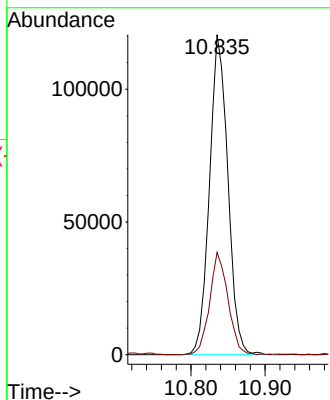
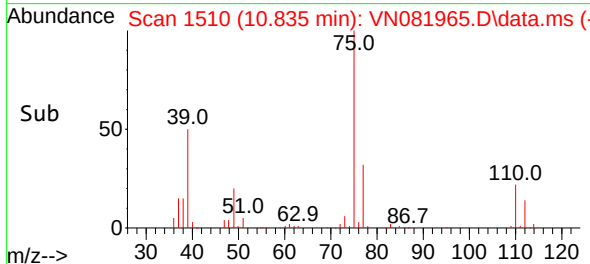
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



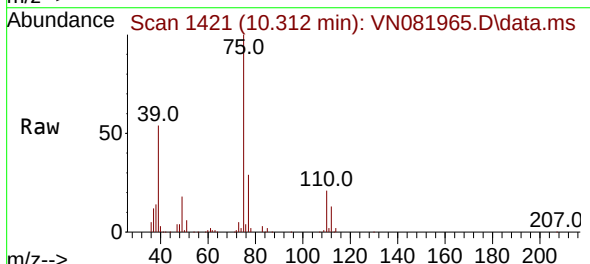
Tgt Ion: 75 Resp: 207204
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

Manual Integrations
APPROVED

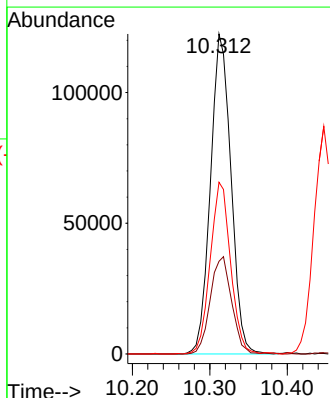
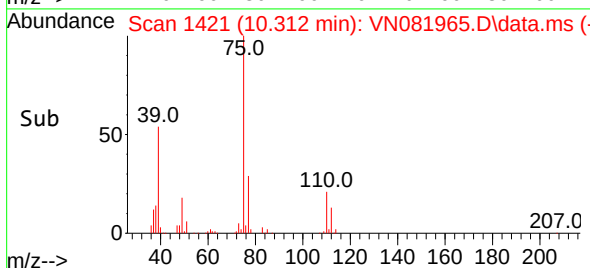
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

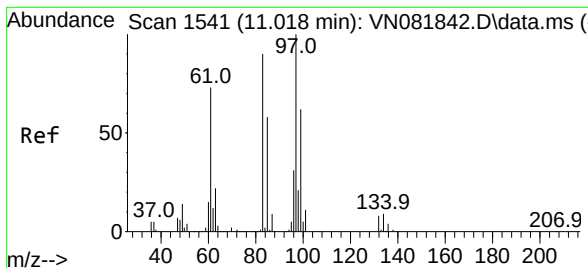


#54
cis-1,3-Dichloropropene
Concen: 47.176 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



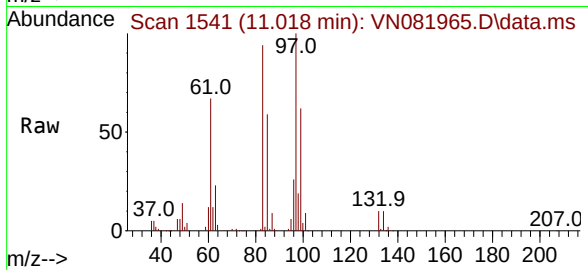
Tgt Ion: 75 Resp: 225052
Ion Ratio Lower Upper
75 100
77 28.9 25.0 37.4
39 53.7 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 48.231 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

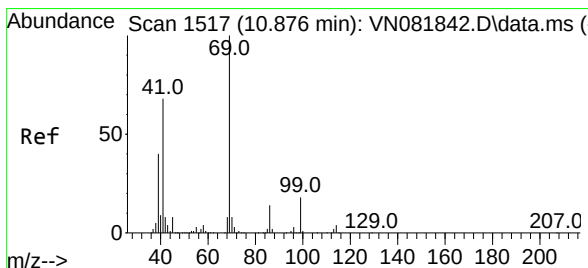
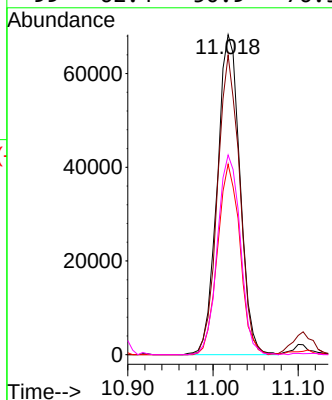
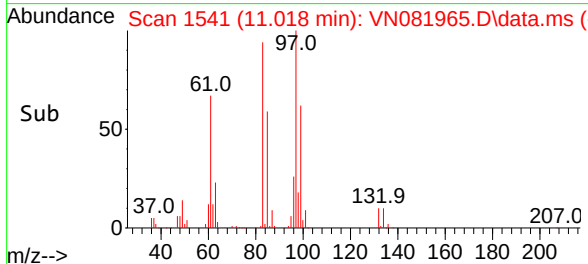
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



Tgt Ion: 97 Resp: 126668
Ion Ratio Lower Upper
97 100
83 93.6 70.4 105.6
85 59.5 45.6 68.4
99 62.4 50.9 76.3

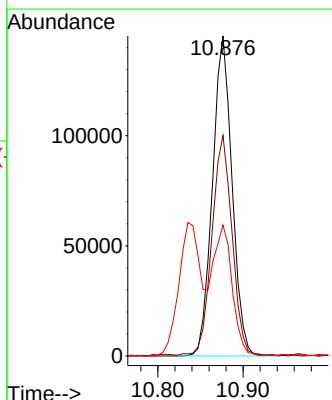
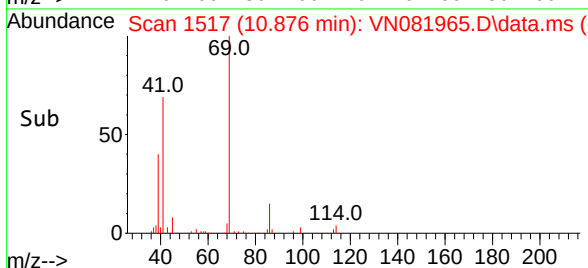
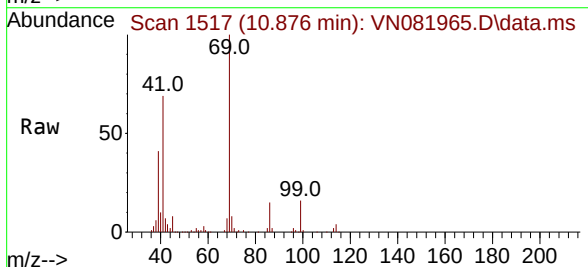
Manual Integrations
APPROVED

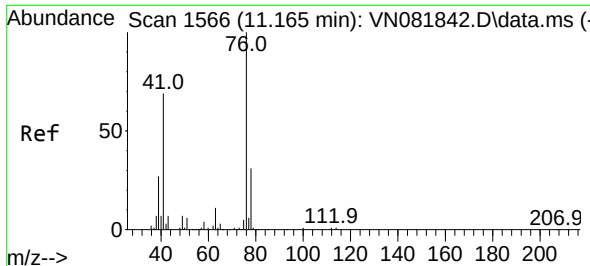
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#56
Ethyl methacrylate
Concen: 46.424 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

Tgt Ion: 69 Resp: 232162
Ion Ratio Lower Upper
69 100
41 70.1 46.6 70.0#
39 38.4 26.5 39.7





#57

1,3-Dichloropropane

Concen: 48.505 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081965.D

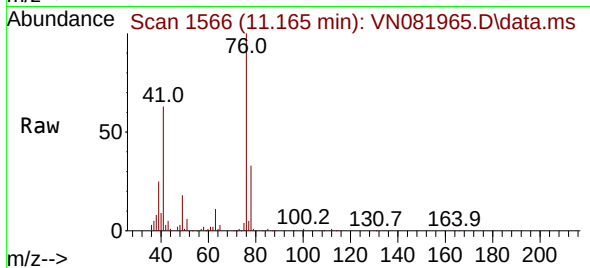
Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS



Tgt Ion: 76 Resp: 226480

Ion Ratio Lower Upper

76 100

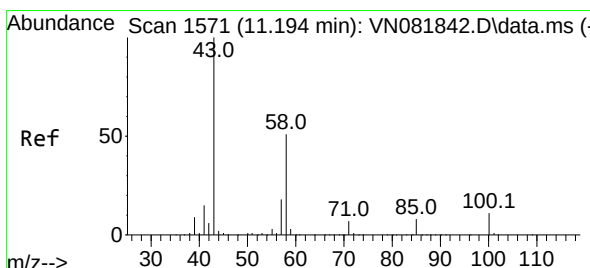
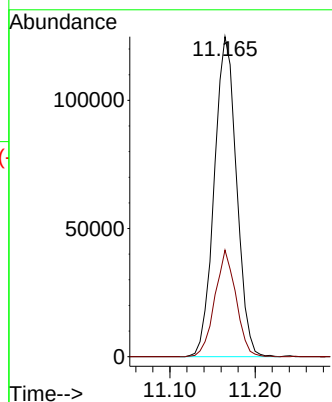
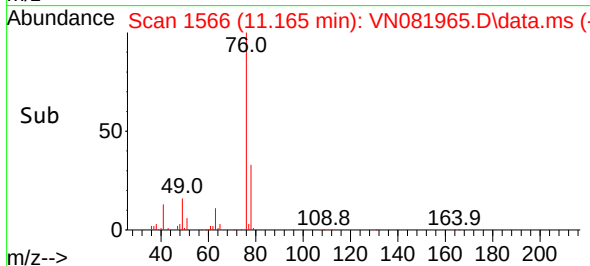
78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#59

2-Hexanone

Concen: 245.281 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN081965.D

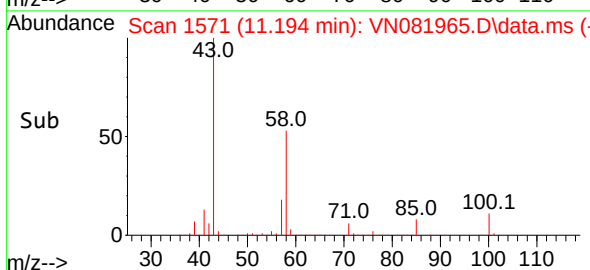
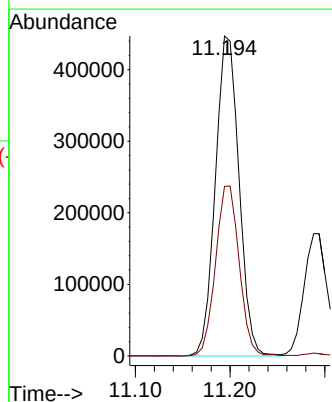
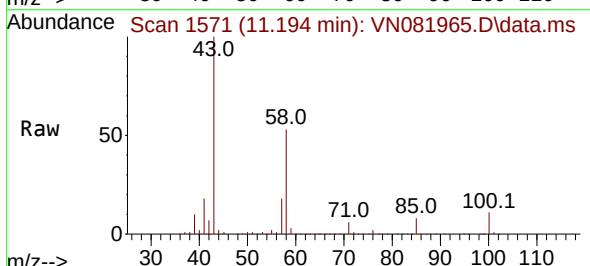
Acq: 01 May 2024 18:39

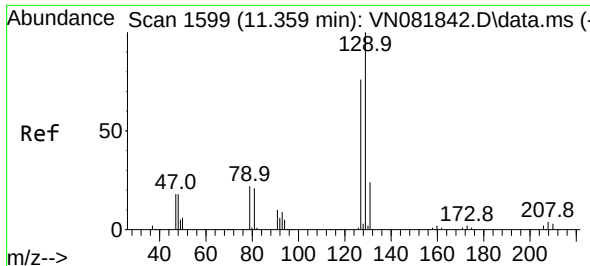
Tgt Ion: 43 Resp: 776012

Ion Ratio Lower Upper

43 100

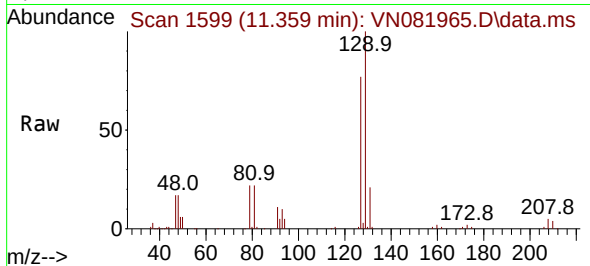
58 53.2 28.3 84.9





#60
Dibromochloromethane
Concen: 47.535 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

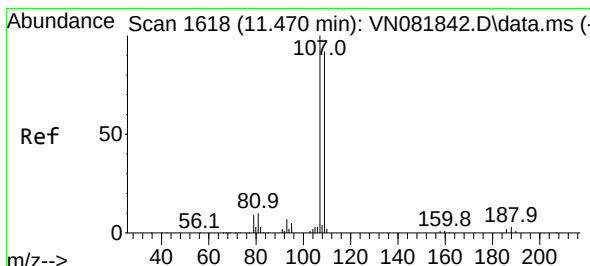
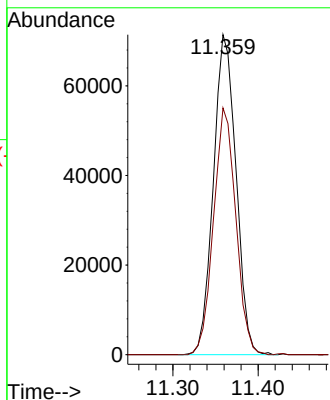
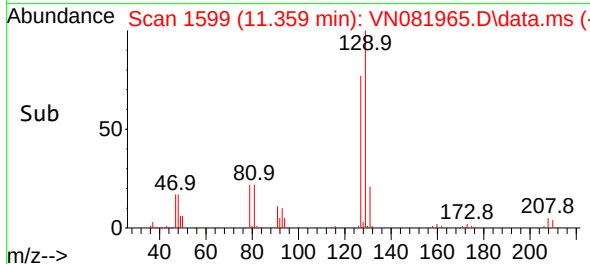
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



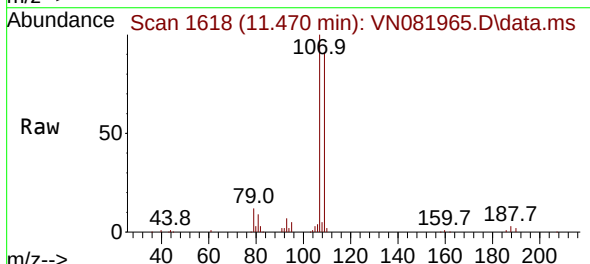
Tgt Ion:129 Resp: 132220
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.8

Manual Integrations
APPROVED

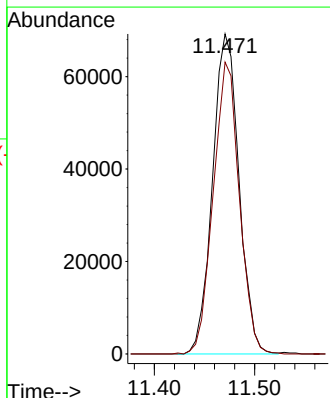
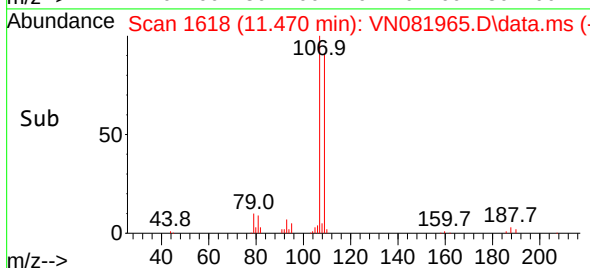
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

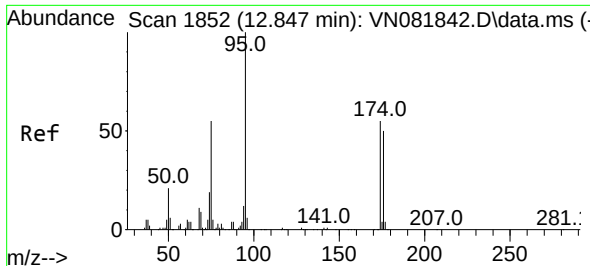


#61
1,2-Dibromoethane
Concen: 50.359 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



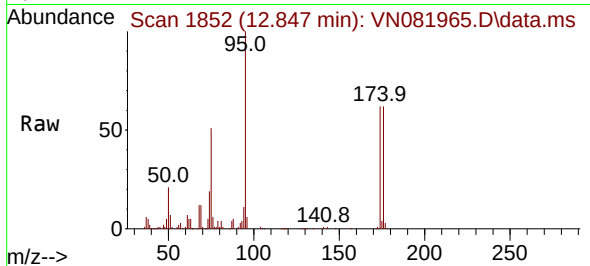
Tgt Ion:107 Resp: 126478
Ion Ratio Lower Upper
107 100
109 90.2 75.8 113.6





#62
4-Bromofluorobenzene
Concen: 46.180 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

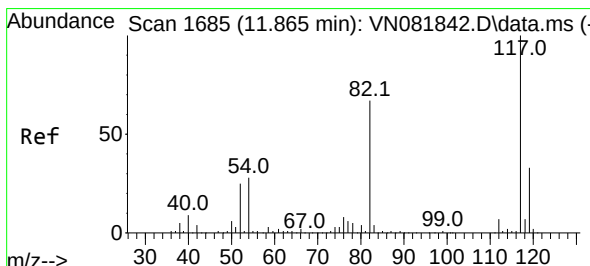
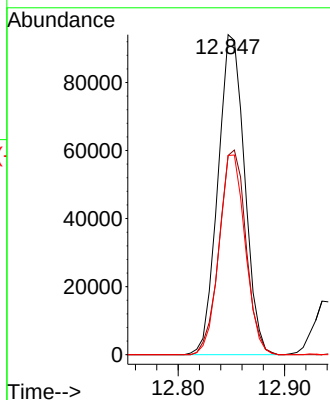
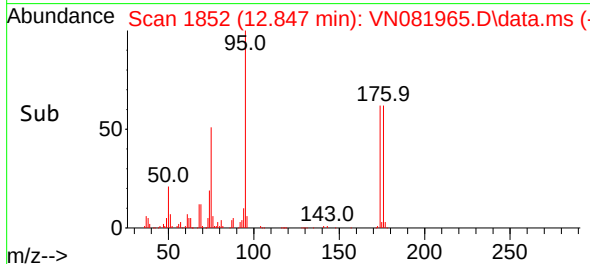
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



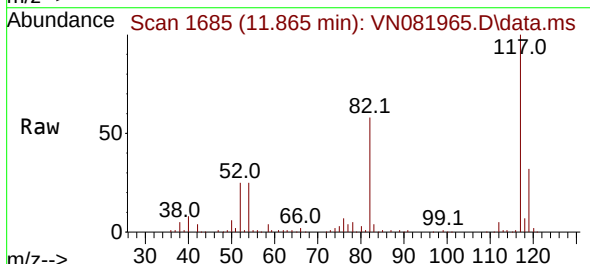
Tgt Ion: 95 Resp: 163702
Ion Ratio Lower Upper
95 100
174 64.1 0.0 160.6
176 61.2 0.0 152.8

Manual Integrations
APPROVED

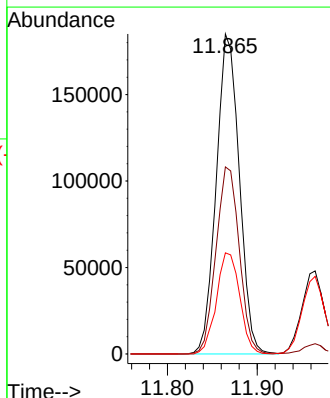
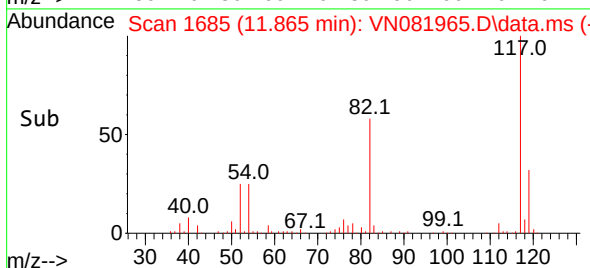
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

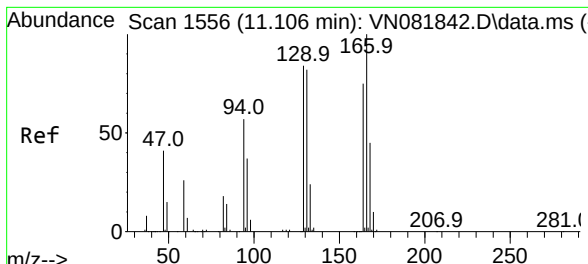


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



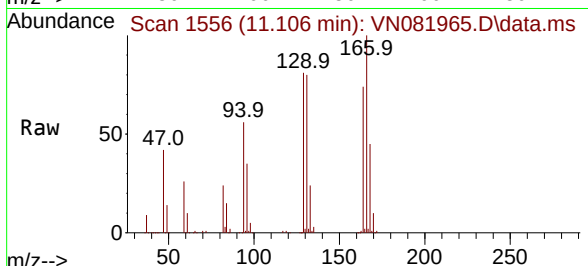
Tgt Ion:117 Resp: 329954
Ion Ratio Lower Upper
117 100
82 58.5 44.6 66.8
119 31.6 25.9 38.9





#64
 Tetrachloroethene
 Concen: 97.901 ug/l
 RT: 11.106 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VN081965.D
 Acq: 01 May 2024 18:39

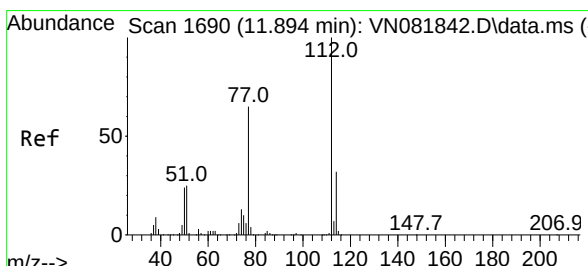
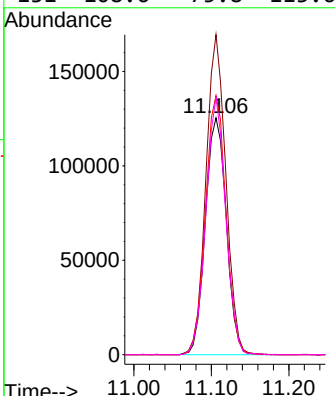
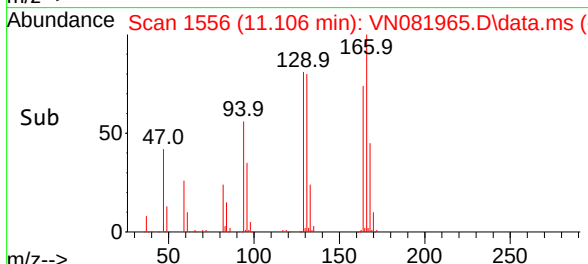
Instrument : MSVOA_N
 ClientSampleId : MW-18B-64-043024MS



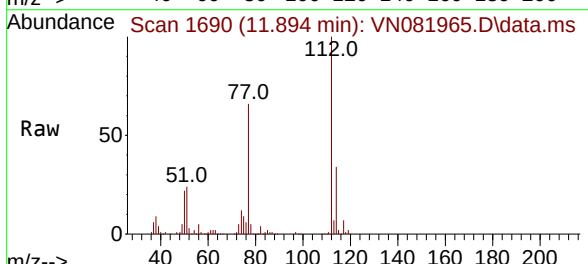
Tgt Ion:	164	Resp:	23461
Ion Ratio	Lower	Upper	
164	100		
166	135.2	97.6	146.4
129	109.4	73.7	110.5
131	108.6	75.8	113.6

Manual Integrations
 APPROVED

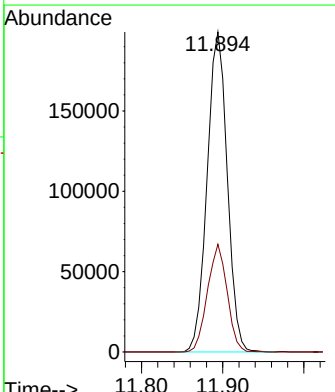
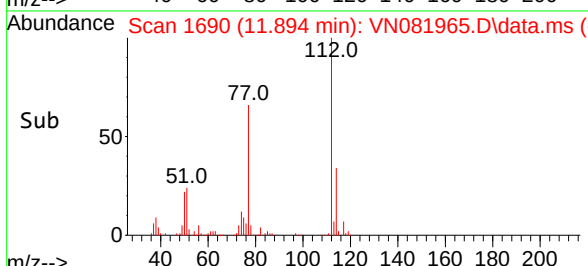
Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

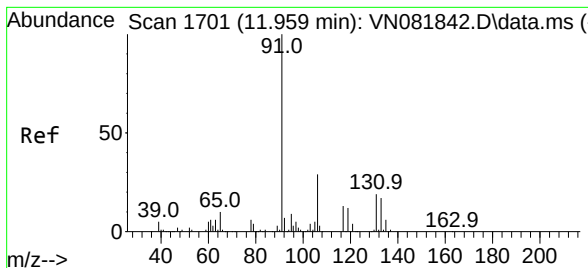


#65
 Chlorobenzene
 Concen: 47.639 ug/l
 RT: 11.894 min Scan# 1690
 Delta R.T. 0.000 min
 Lab File: VN081965.D
 Acq: 01 May 2024 18:39



Tgt Ion:	112	Resp:	343261
Ion Ratio	Lower	Upper	
112	100		
114	33.7	25.7	38.5





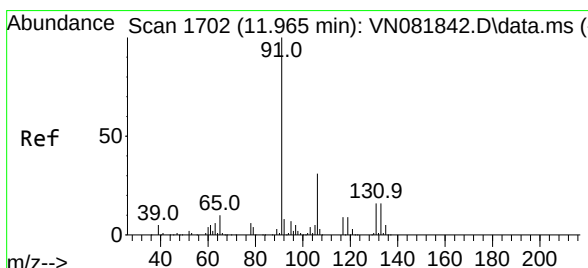
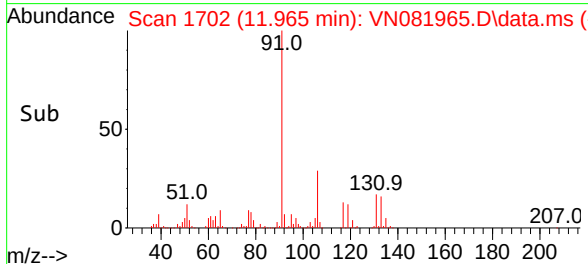
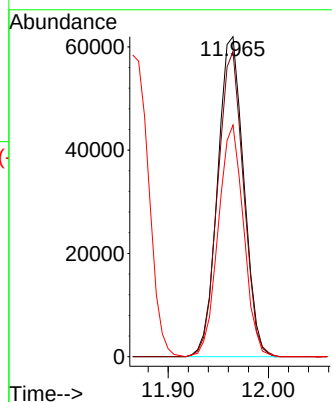
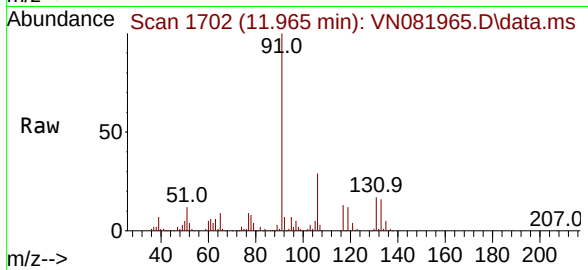
#66
1,1,1,2-Tetrachloroethane
Concen: 47.777 ug/l
RT: 11.965 min Scan# 11188
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS

Tgt Ion:131 Resp: 11188
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 70.3 32.9 98.7

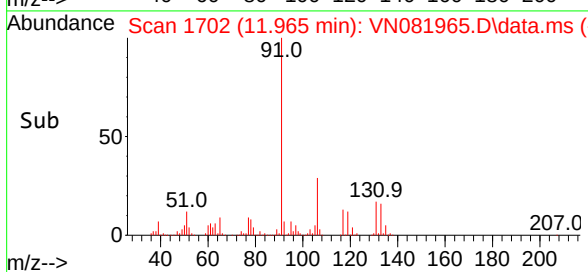
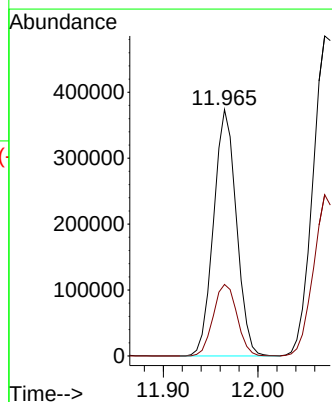
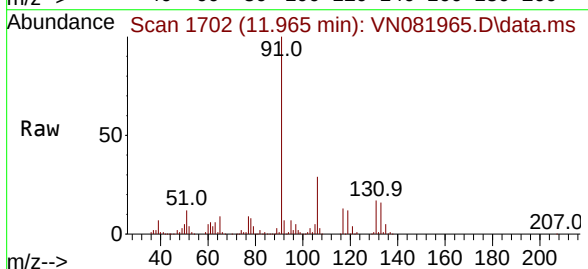
Manual Integrations
APPROVED

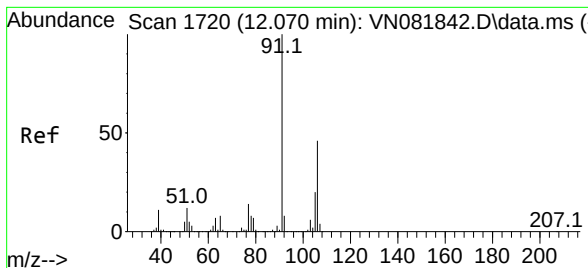
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#67
Ethyl Benzene
Concen: 46.643 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

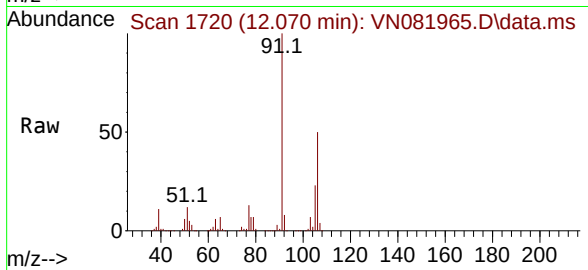
Tgt Ion: 91 Resp: 625025
Ion Ratio Lower Upper
91 100
106 29.0 25.3 37.9





#68
m/p-Xylenes
Concen: 97.853 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

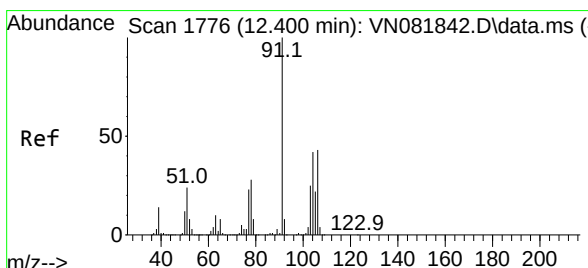
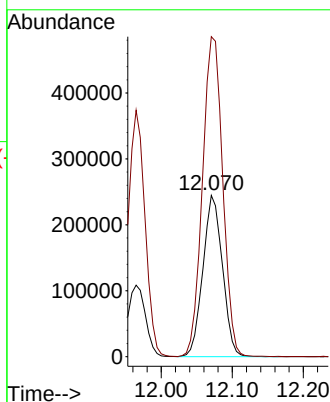
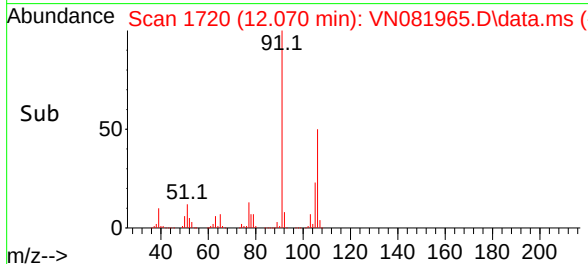
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



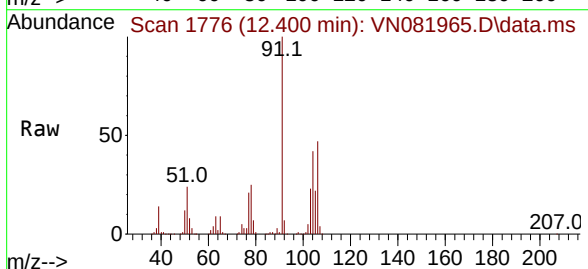
Tgt Ion:106 Resp: 467720
Ion Ratio Lower Upper
106 100
91 205.7 159.4 239.0

Manual Integrations
APPROVED

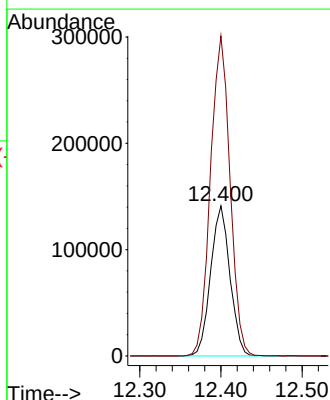
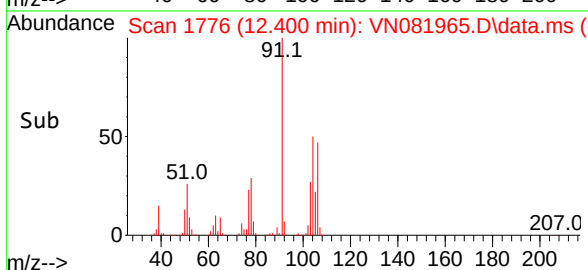
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

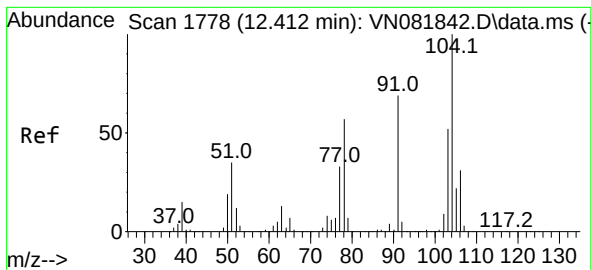


#69
o-Xylene
Concen: 50.019 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



Tgt Ion:106 Resp: 233413
Ion Ratio Lower Upper
106 100
91 216.1 104.7 314.1





#70

Styrene

Concen: 49.096 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion:104 Resp: 396330

Ion Ratio Lower Upper

104 100

78 52.5 38.6 58.0

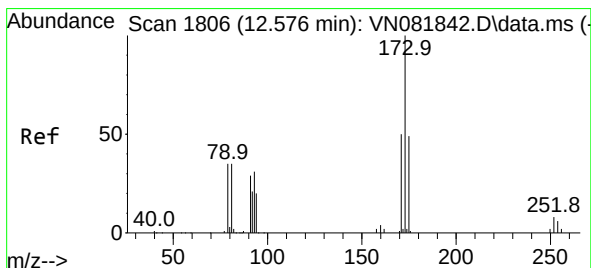
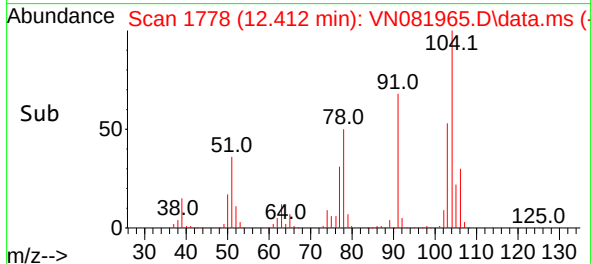
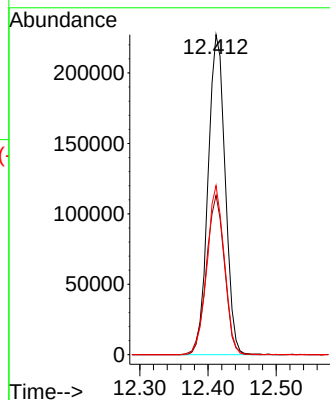
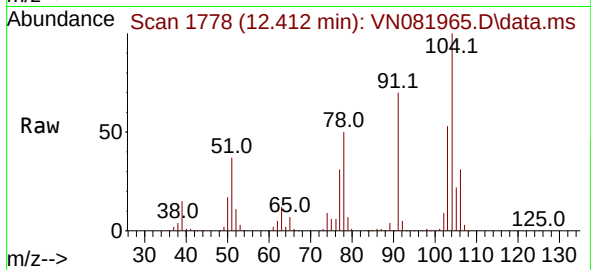
103 53.7 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#71

Bromoform

Concen: 42.022 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

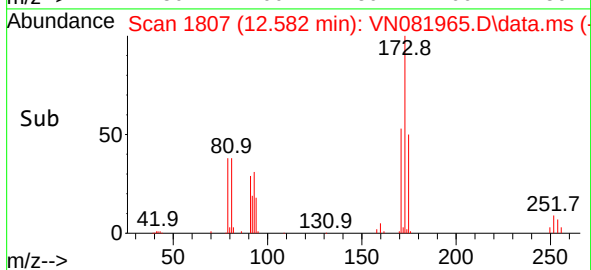
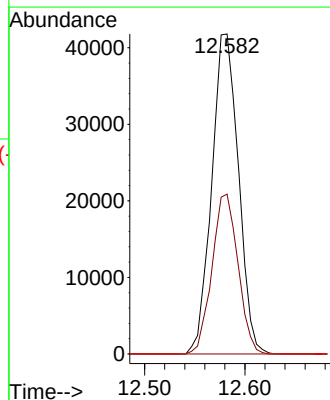
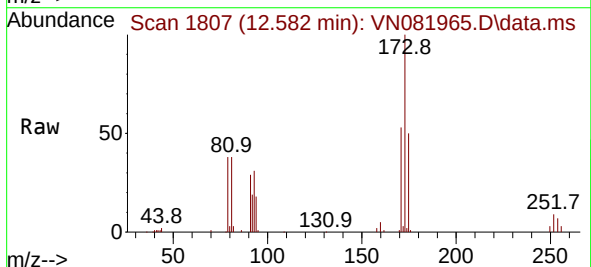
Tgt Ion:173 Resp: 77364

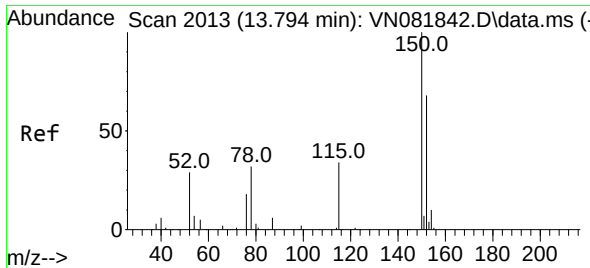
Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

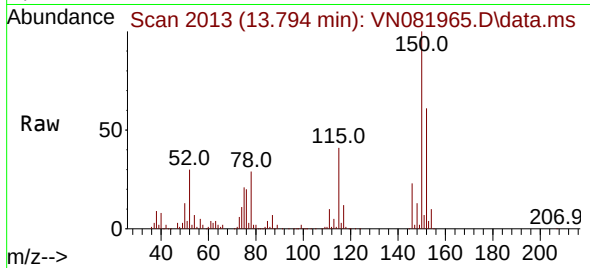
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

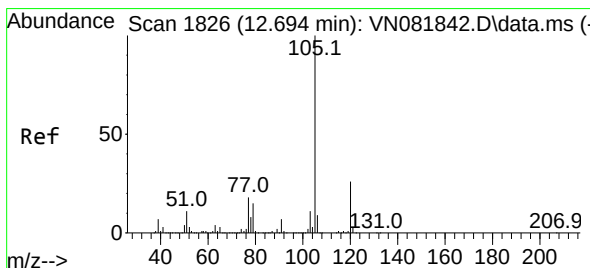
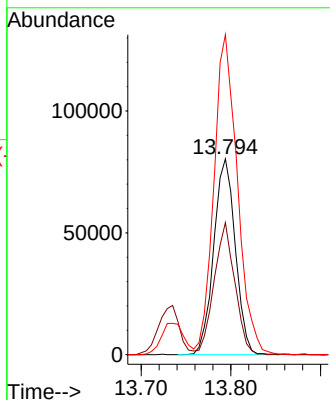
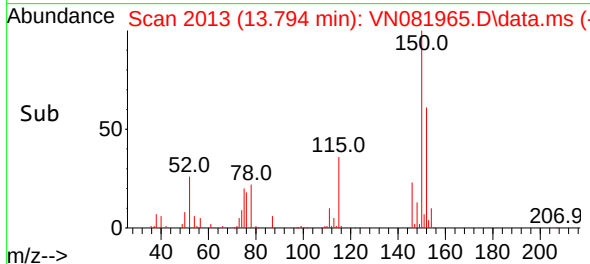
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



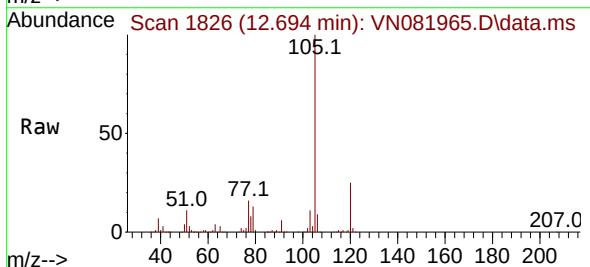
Tgt Ion:152 Resp: 134440
Ion Ratio Lower Upper
152 100
115 64.8 30.4 91.3
150 177.4 0.0 353.2

Manual Integrations
APPROVED

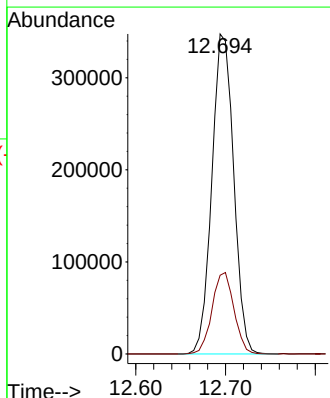
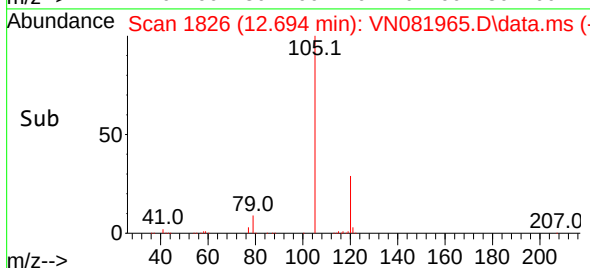
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

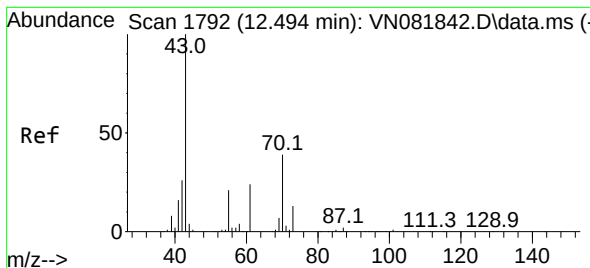


#73
Isopropylbenzene
Concen: 49.108 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



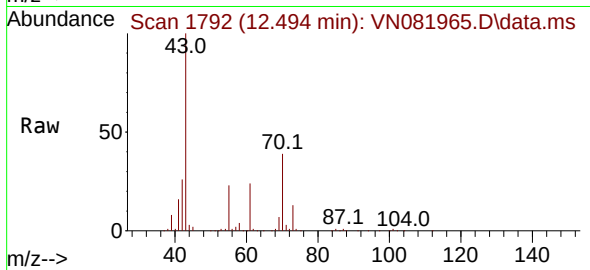
Tgt Ion:105 Resp: 586983
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1





#74
N-amy1 acetate
Concen: 46.362 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

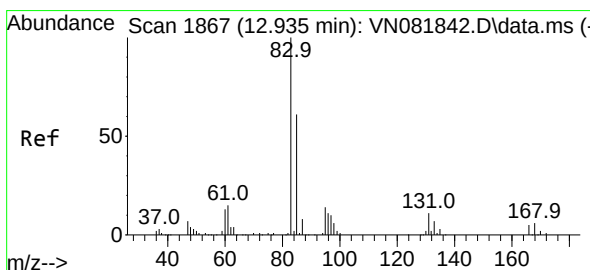
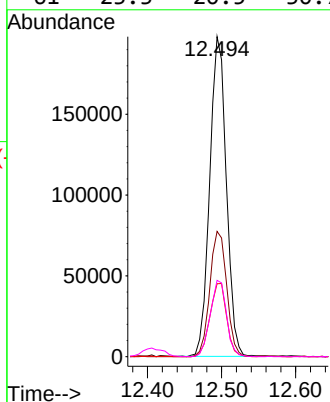
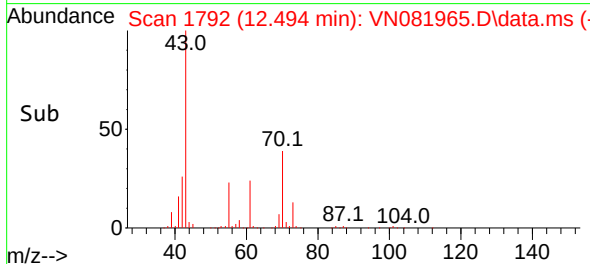
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



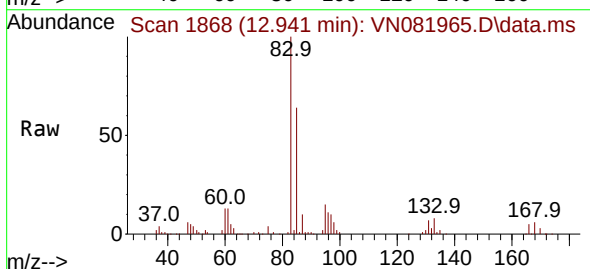
Tgt Ion: 43 Resp: 308530
Ion Ratio Lower Upper
43 100
70 39.8 39.0 58.4
55 23.0 21.3 31.9
61 23.3 20.5 30.7

Manual Integrations
APPROVED

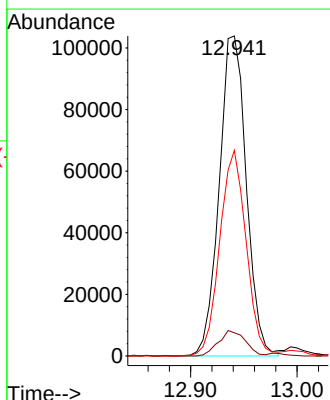
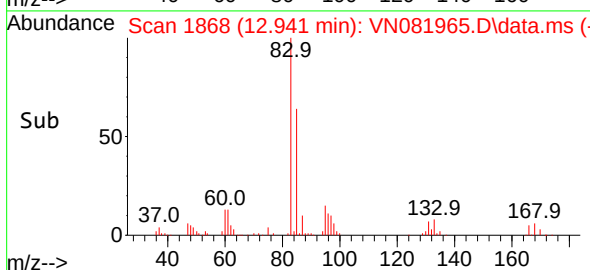
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

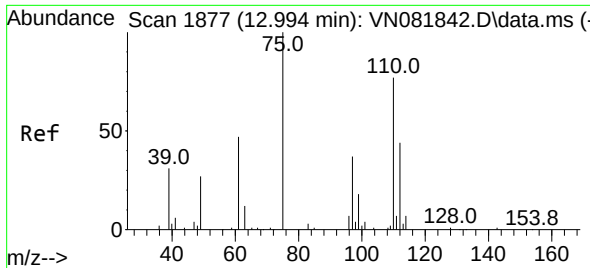


#75
1,1,2,2-Tetrachloroethane
Concen: 51.244 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



Tgt Ion: 83 Resp: 183938
Ion Ratio Lower Upper
83 100
131 7.9 5.5 16.4
85 62.5 32.9 98.6





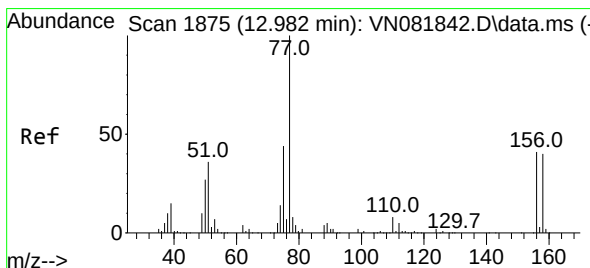
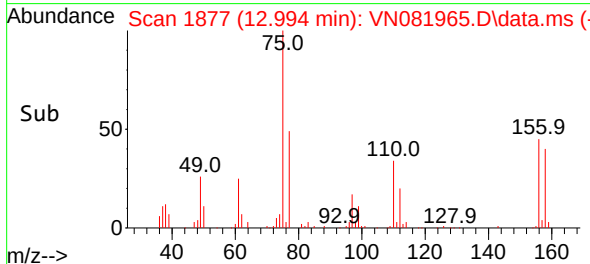
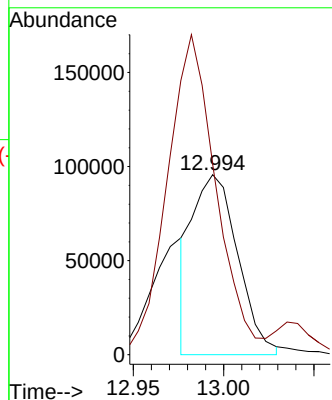
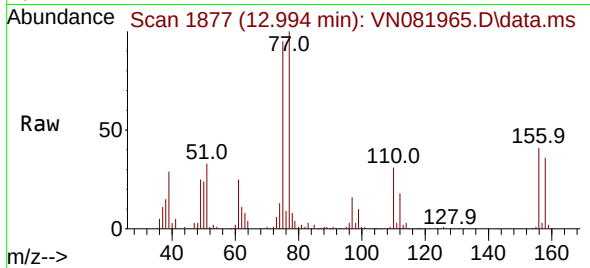
#76
1,2,3-Trichloropropane
Concen: 47.751 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS

Tgt Ion: 75 Resp: 166440
Ion Ratio Lower Upper
75 100
77 192.8 90.5 271.3

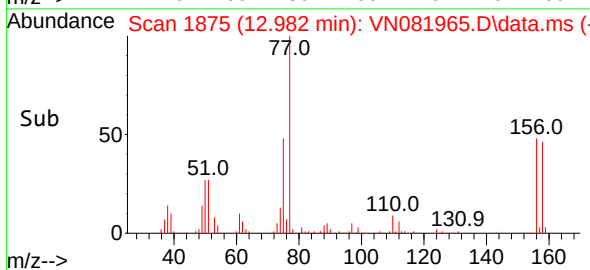
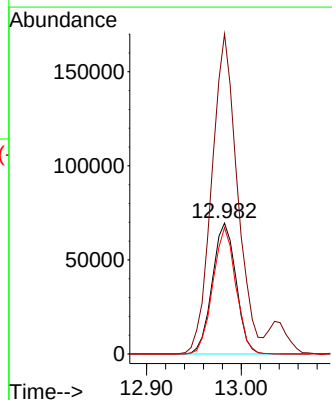
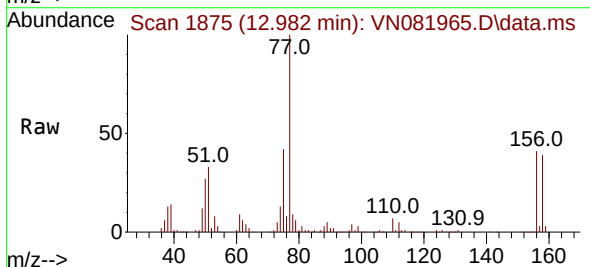
Manual Integrations
APPROVED

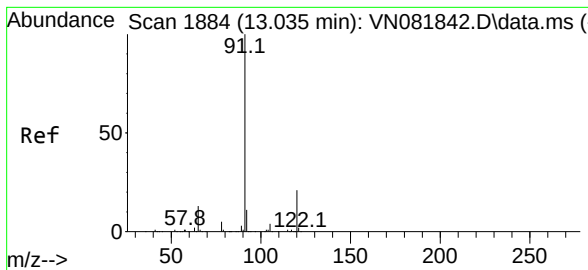
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#77
Bromobenzene
Concen: 48.251 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

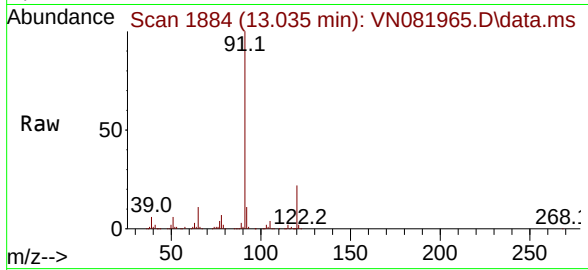
Tgt Ion:156 Resp: 120688
Ion Ratio Lower Upper
156 100
77 266.0 100.2 300.6
158 93.7 49.1 147.3





#78
n-propylbenzene
Concen: 47.435 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

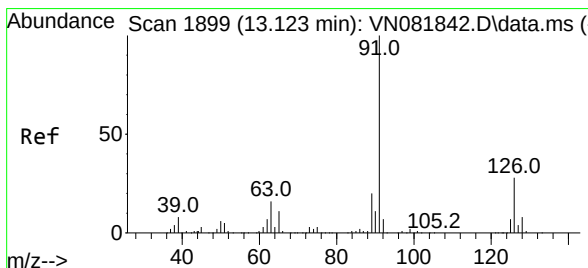
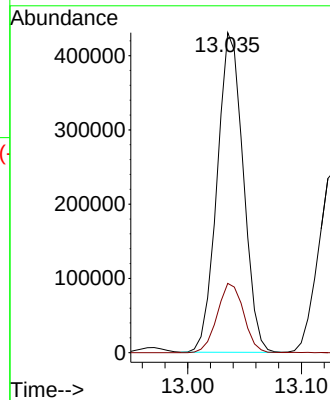
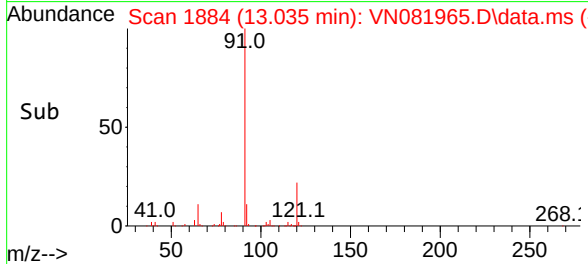
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



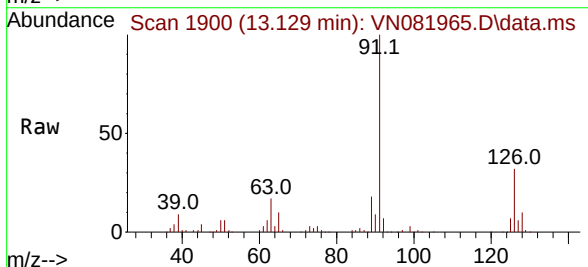
Tgt Ion: 91 Resp: 68872
Ion Ratio Lower Upper
91 100
120 21.8 11.7 35.0

Manual Integrations
APPROVED

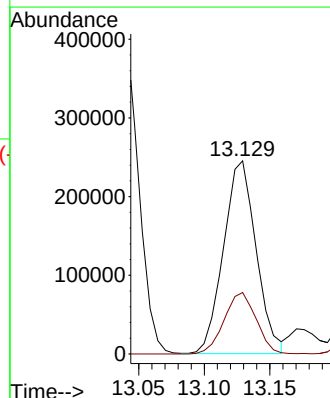
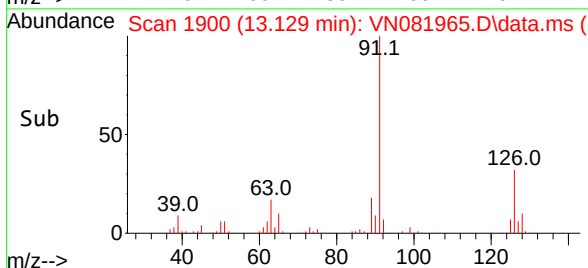
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

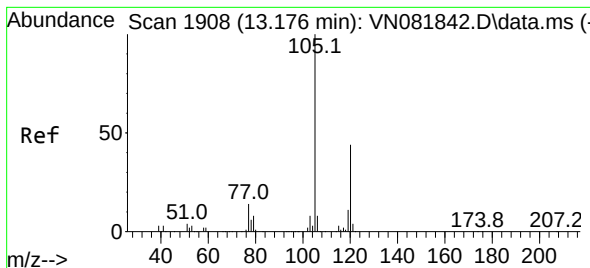


#79
2-Chlorotoluene
Concen: 45.903 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



Tgt Ion: 91 Resp: 424029
Ion Ratio Lower Upper
91 100
126 31.3 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 46.129 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion:105 Resp: 466584

Ion Ratio Lower Upper

105 100

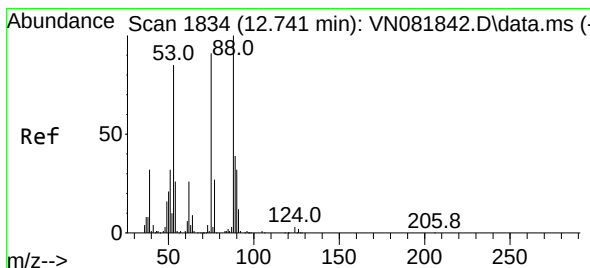
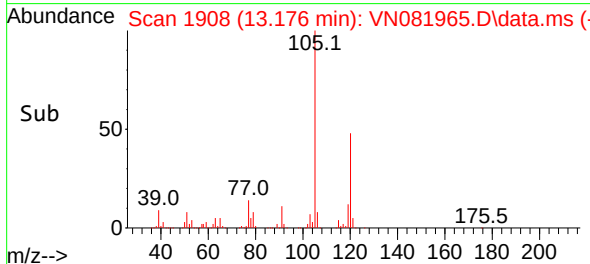
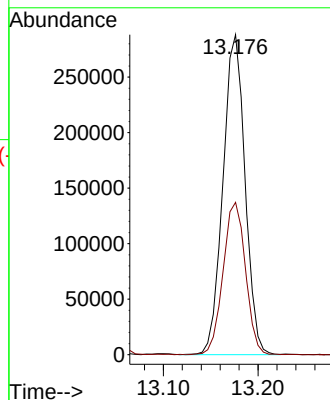
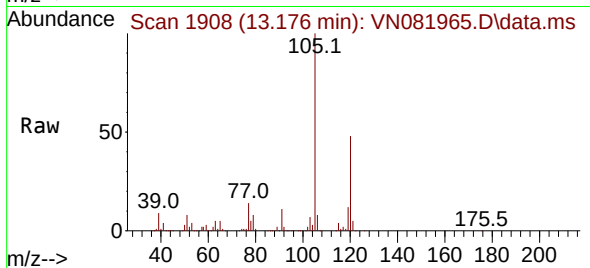
120 48.3 24.8 74.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 45.804 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

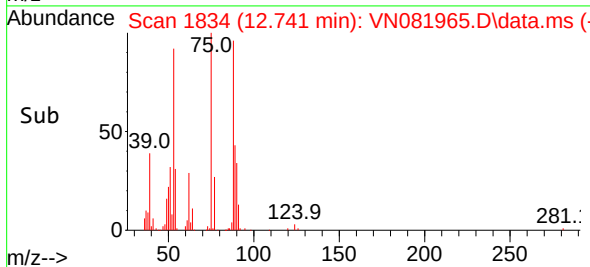
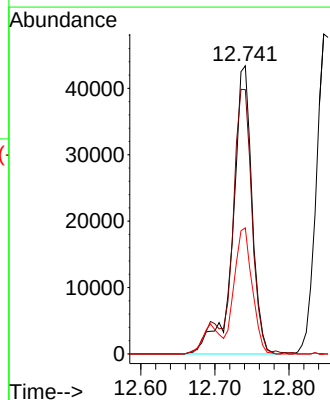
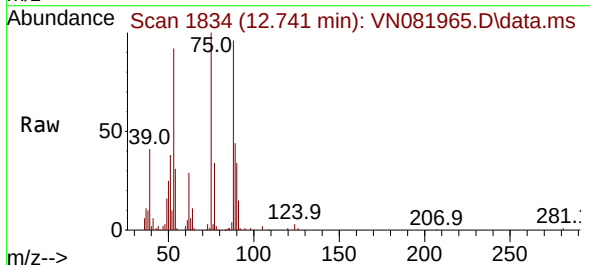
Tgt Ion: 75 Resp: 77916

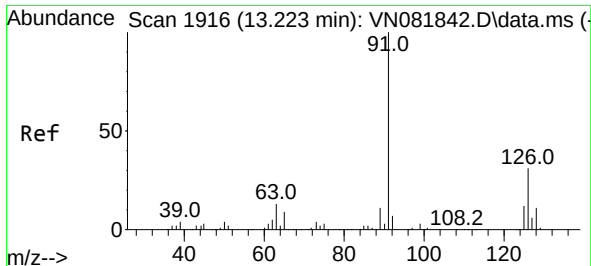
Ion Ratio Lower Upper

75 100

53 88.9 72.9 109.3

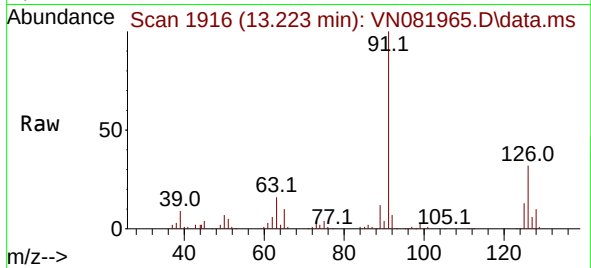
89 41.0 39.1 58.7





#82
4-Chlorotoluene
Concen: 46.123 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39

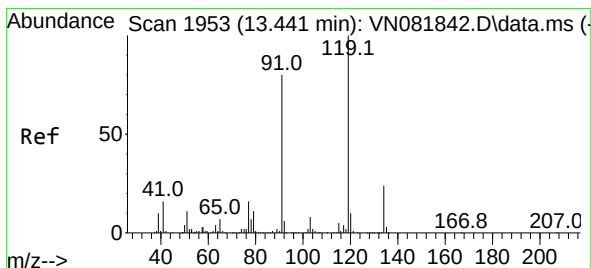
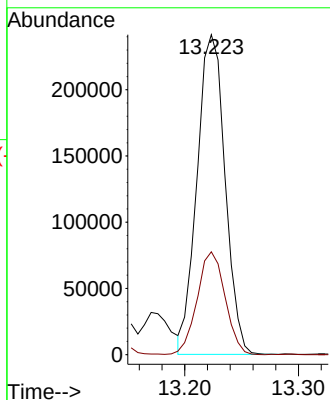
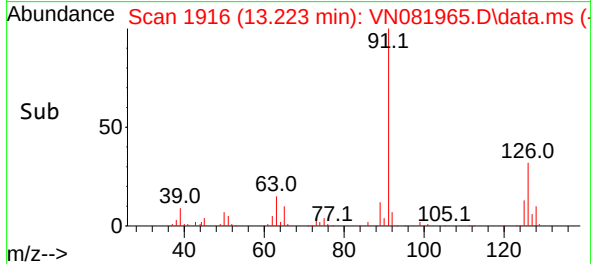
Instrument :
MSVOA_N
ClientSampleId :
MW-18B-64-043024MS



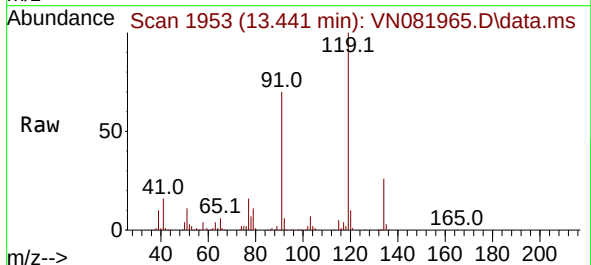
Tgt Ion: 91 Resp: 413640
Ion Ratio Lower Upper
91 100
126 32.2 17.4 52.3

Manual Integrations
APPROVED

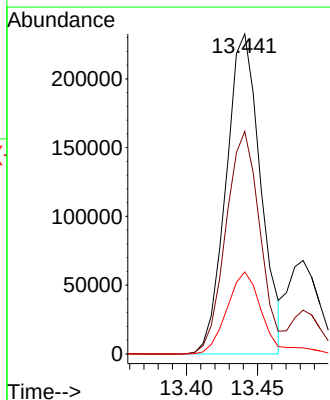
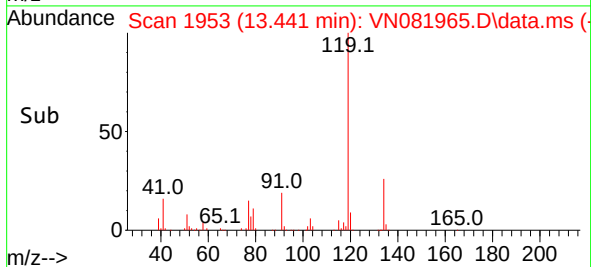
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

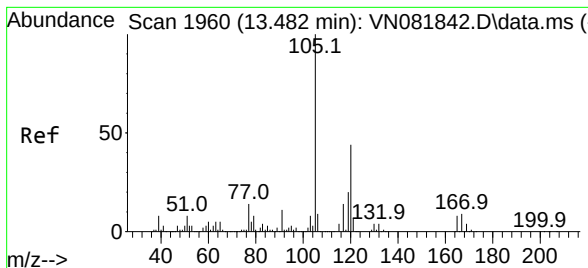


#83
tert-Butylbenzene
Concen: 46.731 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081965.D
Acq: 01 May 2024 18:39



Tgt Ion:119 Resp: 393623
Ion Ratio Lower Upper
119 100
91 70.0 32.6 97.8
134 26.5 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 46.268 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion:105 Resp: 467340

Ion Ratio Lower Upper

105 100

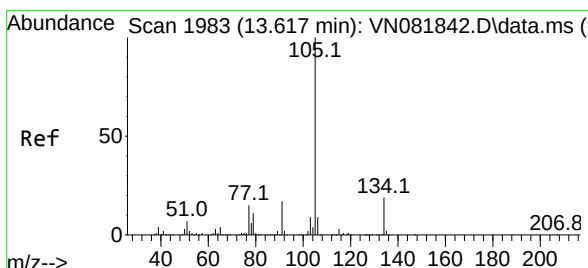
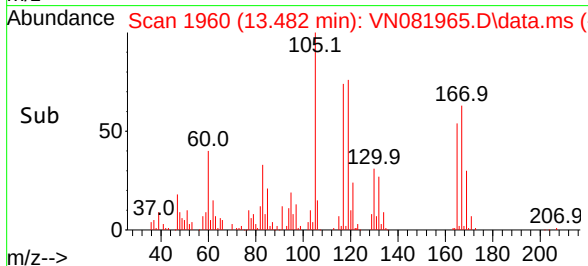
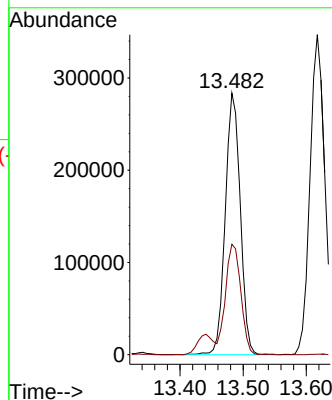
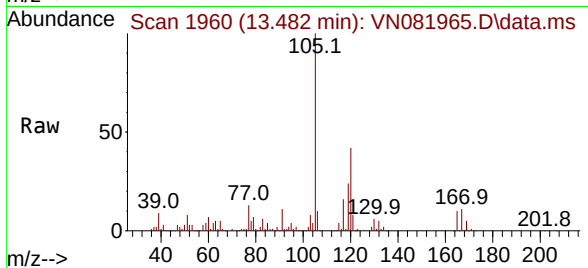
120 42.9 22.9 68.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#85

sec-Butylbenzene

Concen: 47.385 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081965.D

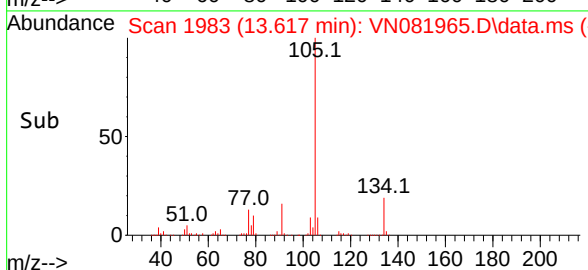
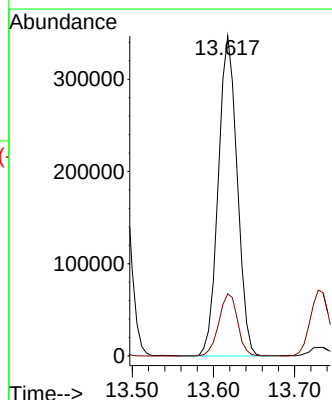
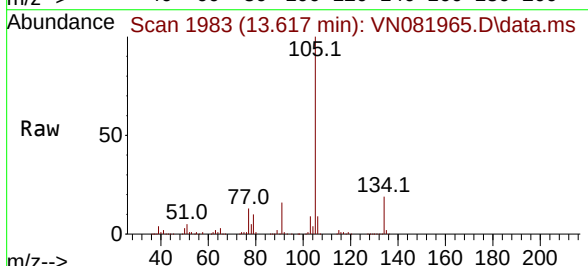
Acq: 01 May 2024 18:39

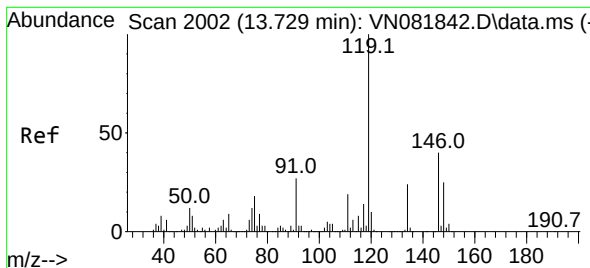
Tgt Ion:105 Resp: 562212

Ion Ratio Lower Upper

105 100

134 19.2 10.2 30.4





#86

p-Isopropyltoluene

Concen: 46.720 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion:119 Resp: 445099

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

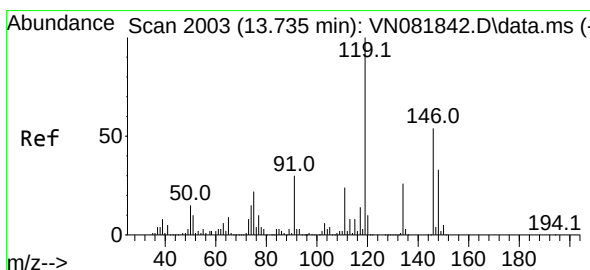
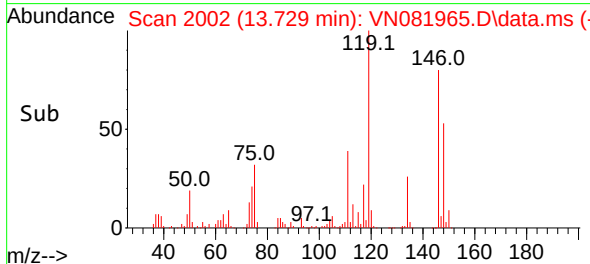
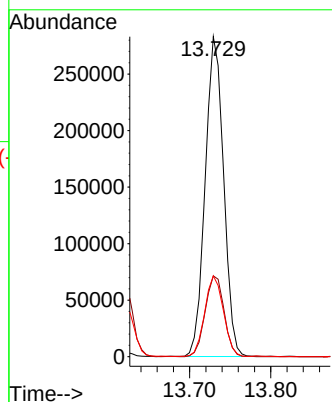
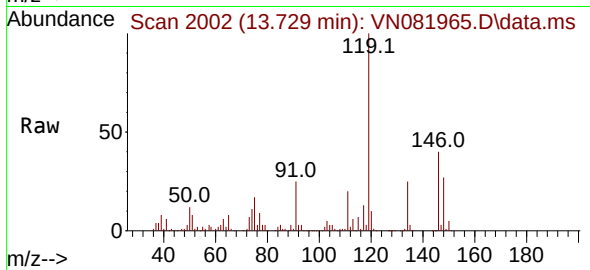
91 25.4 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#87

1,3-Dichlorobenzene

Concen: 46.954 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

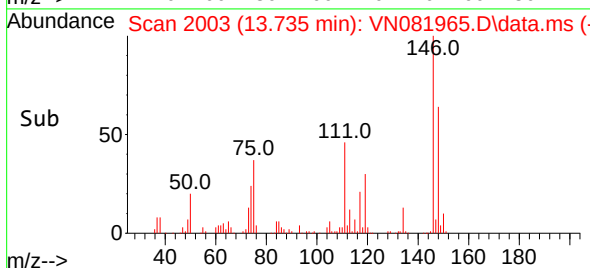
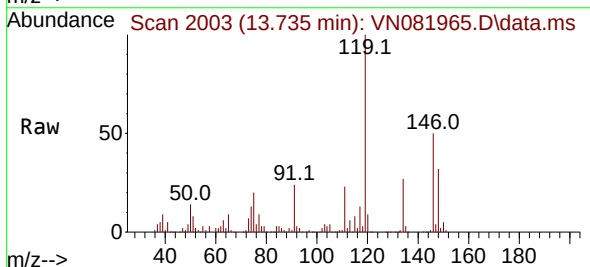
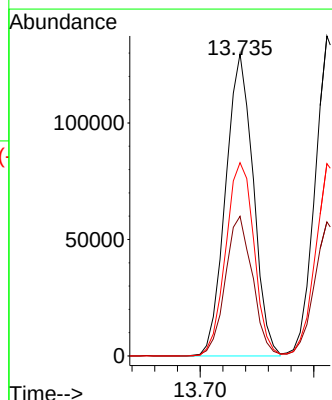
Tgt Ion:146 Resp: 219139

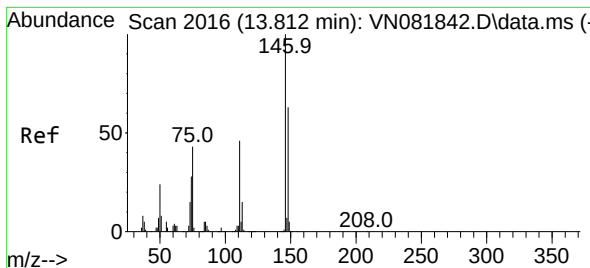
Ion Ratio Lower Upper

146 100

111 45.6 20.8 62.5

148 65.6 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 50.840 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion:146 Resp: 23365

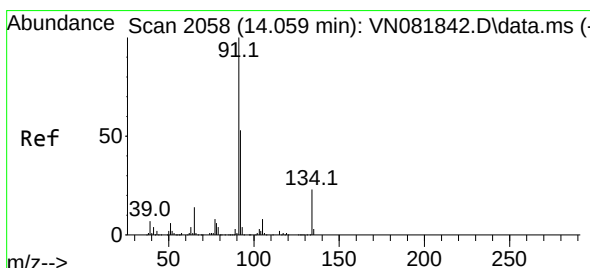
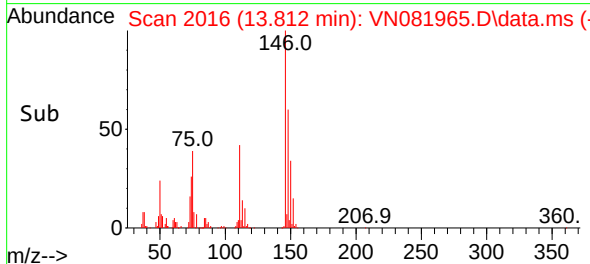
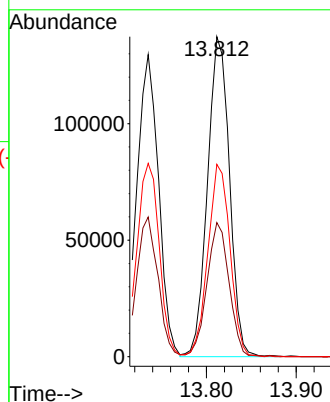
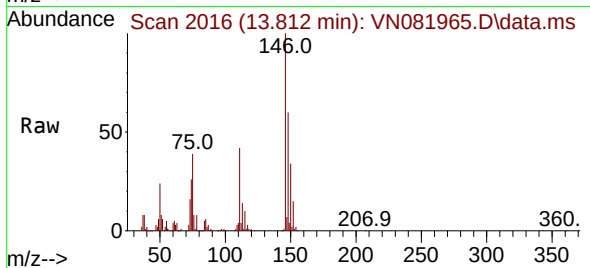
Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.3	57.9
148	60.6	31.3	93.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#89

n-Butylbenzene

Concen: 46.459 ug/l

RT: 14.059 min Scan# 2058

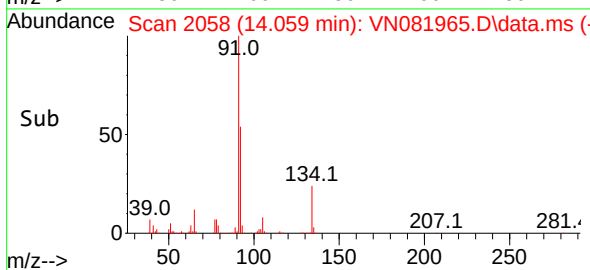
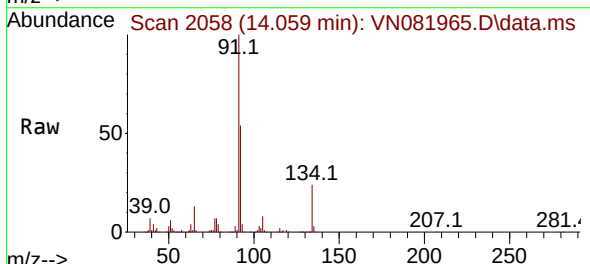
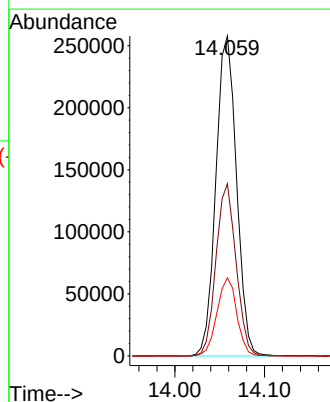
Delta R.T. 0.000 min

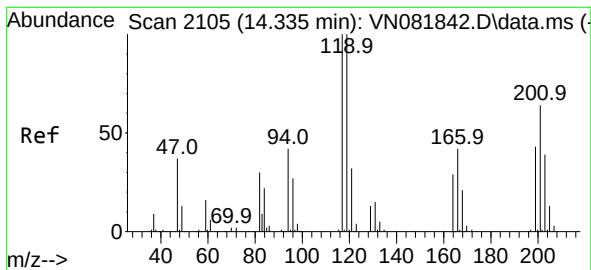
Lab File: VN081965.D

Acq: 01 May 2024 18:39

Tgt Ion: 91 Resp: 411984

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	23.5	13.2	39.5





#90

Hexachloroethane

Concen: 45.756 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

Tgt Ion:117 Resp: 85750

Ion Ratio Lower Upper

117 100

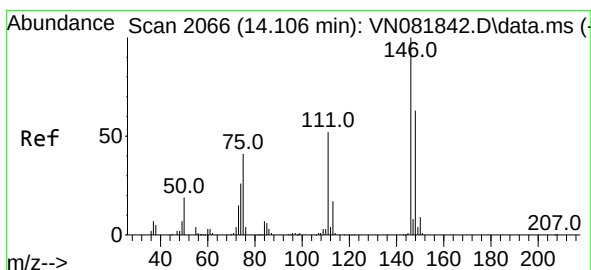
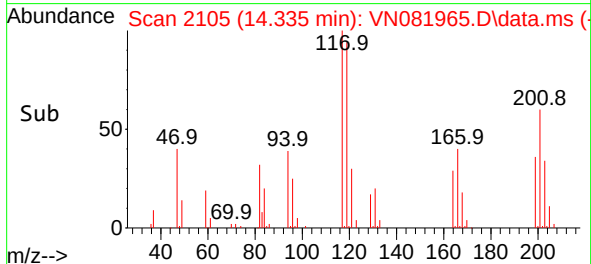
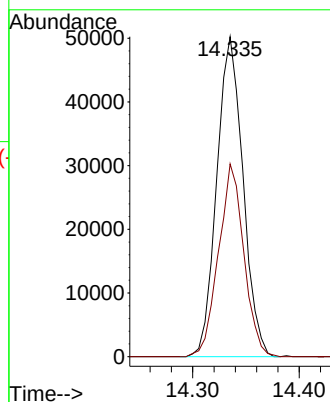
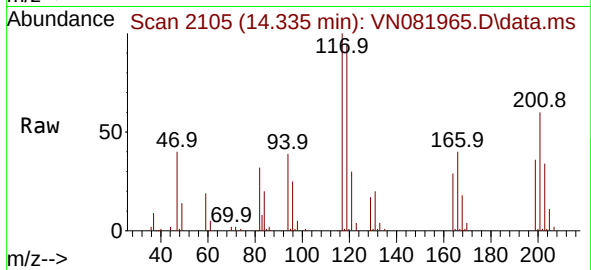
201 58.3 33.3 99.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#91

1,2-Dichlorobenzene

Concen: 48.238 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

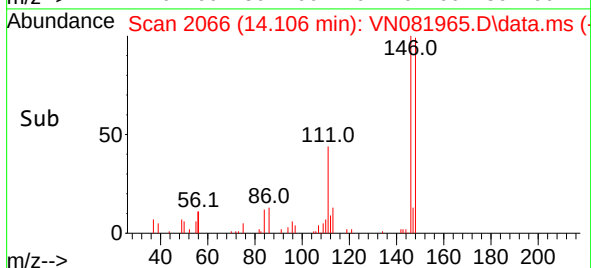
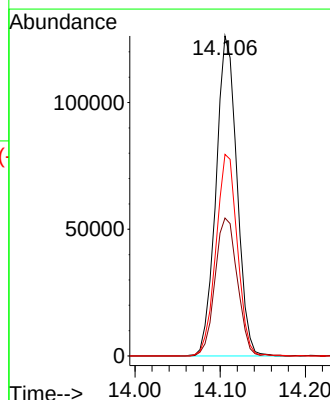
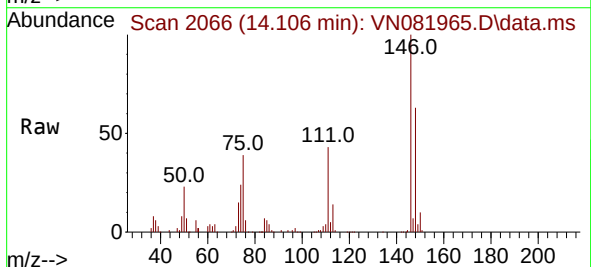
Tgt Ion:146 Resp: 215820

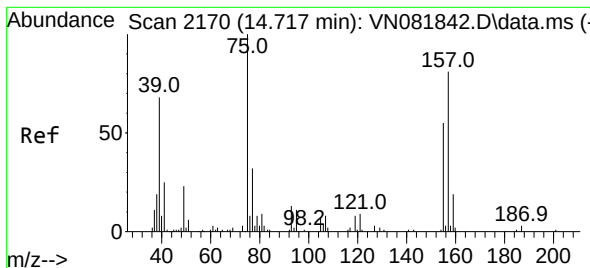
Ion Ratio Lower Upper

146 100

111 45.9 21.3 64.0

148 64.3 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 42.422 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN081965.D

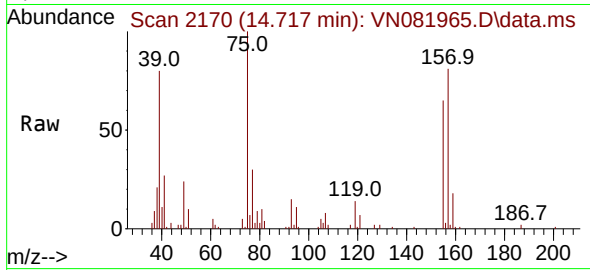
Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS



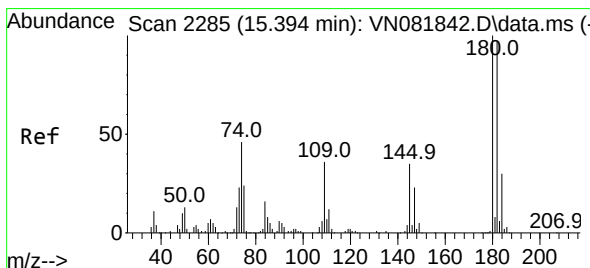
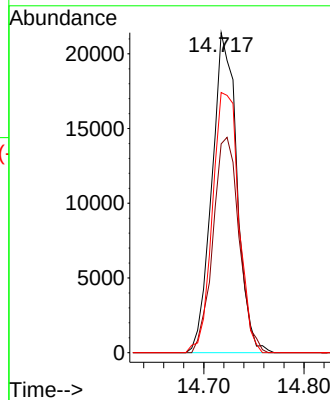
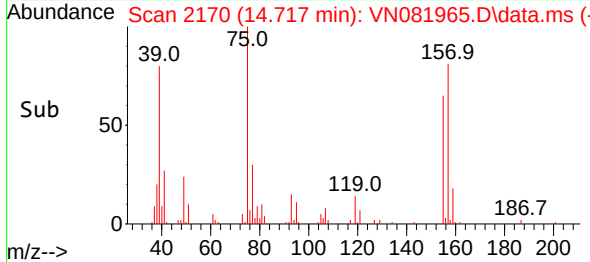
Tgt Ion:	75	Resp:	3707
Ion Ratio	100	Lower	Upper
75	100		
155	70.4	42.6	128.0
157	85.2	53.0	159.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#93

1,2,4-Trichlorobenzene

Concen: 45.960 ug/l

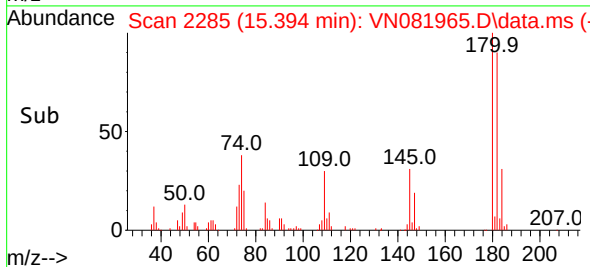
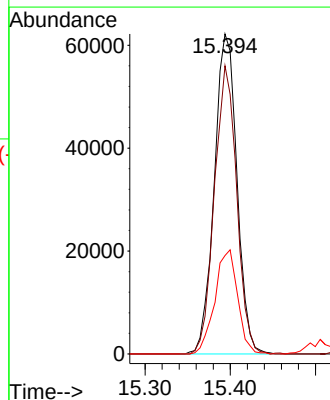
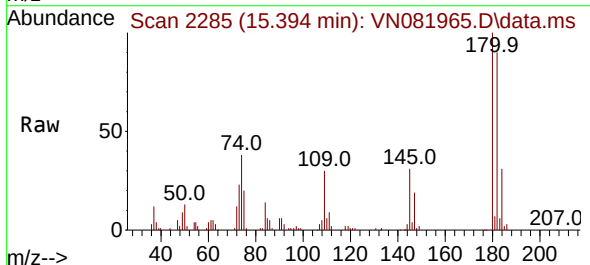
RT: 15.394 min Scan# 2285

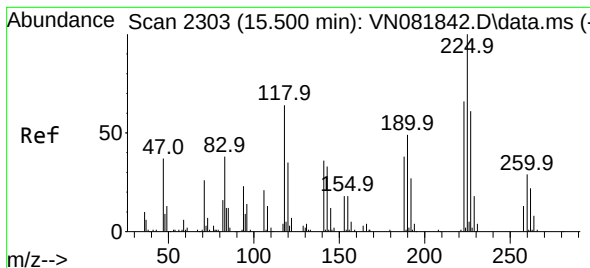
Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Tgt Ion:	180	Resp:	115041
Ion Ratio	100	Lower	Upper
180	100		
182	88.5	46.7	140.0
145	32.8	16.2	48.6





#94

Hexachlorobutadiene

Concen: 40.378 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

MW-18B-64-043024MS

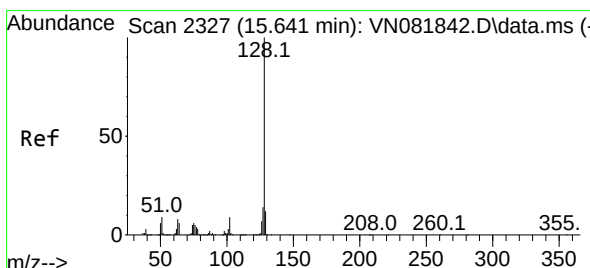
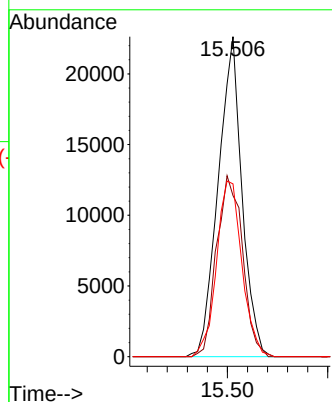
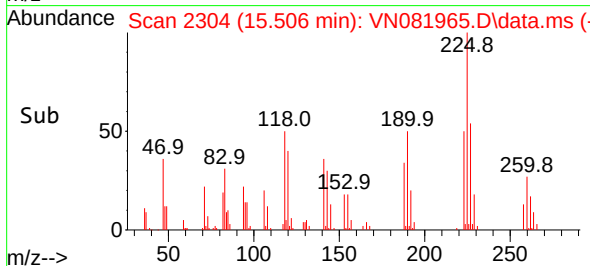
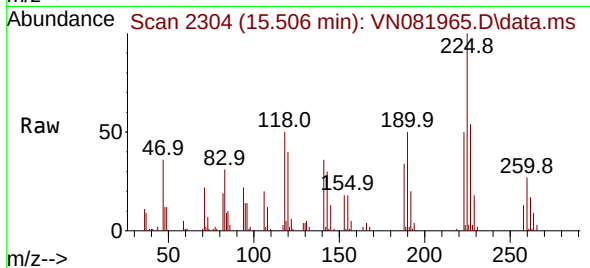
Tgt Ion:	225	Resp:	3725
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.1	93.2
227	58.6	30.6	91.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#95

Naphthalene

Concen: 46.279 ug/l

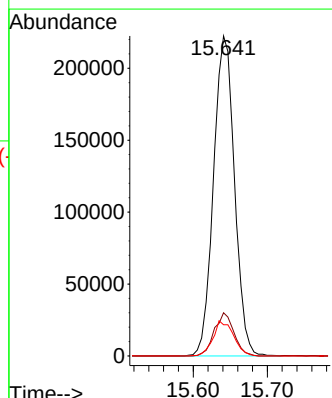
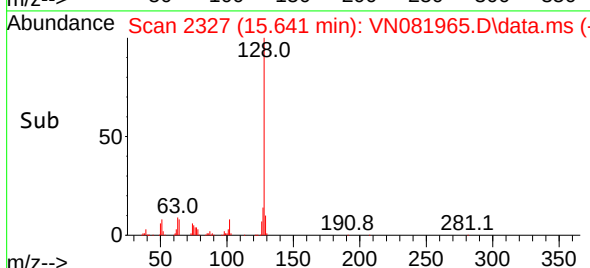
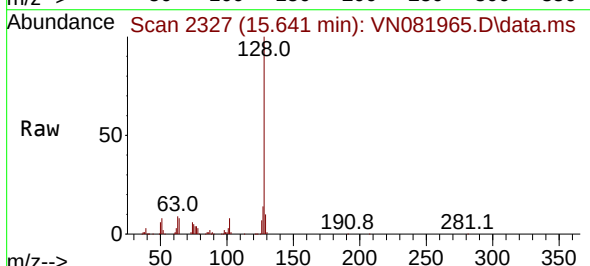
RT: 15.641 min Scan# 2327

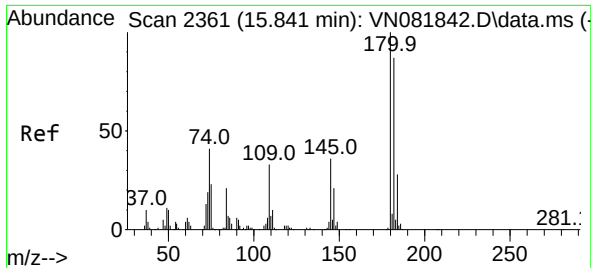
Delta R.T. 0.000 min

Lab File: VN081965.D

Acq: 01 May 2024 18:39

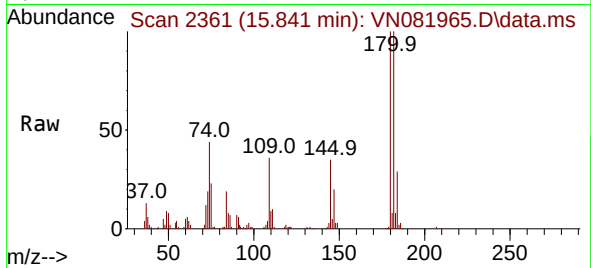
Tgt Ion:	128	Resp:	437721
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.8	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 45.176 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081965.D
 Acq: 01 May 2024 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18B-64-043024MS



Tgt Ion:180 Resp: 108568
 Ion Ratio Lower Upper
 180 100
 182 98.8 46.0 137.8
 145 35.6 17.1 51.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

