

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080588.D
 Acq On : 21 Dec 2023 20:59
 Operator : JC\MD
 Sample : 05975-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-122023MSD

Quant Time: Dec 22 04:08:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	343308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	572216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	512174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	204669	46.677	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.360%		
35) Dibromofluoromethane	8.165	113	170374	46.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.920%		
50) Toluene-d8	10.565	98	632407	46.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.847	95	230666	44.894	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	215662	49.157	ug/l	100
3) Chloromethane	2.365	50	236077	50.823	ug/l	98
4) Vinyl Chloride	2.512	62	220892	58.956	ug/l	89
5) Bromomethane	2.948	94	78259	46.329	ug/l	90
6) Chloroethane	3.118	64	130978m	54.403	ug/l	
7) Trichlorofluoromethane	3.495	101	348665	45.882	ug/l	96
8) Diethyl Ether	3.959	74	133767	55.885	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	185327	51.453	ug/l	97
10) Methyl Iodide	4.589	142	130040	41.045	ug/l	95
11) Tert butyl alcohol	5.518	59	140703	272.463	ug/l	98
12) 1,1-Dichloroethene	4.342	96	189056	51.226	ug/l	88
13) Acrolein	4.177	56	184624	326.454	ug/l	98
14) Allyl chloride	5.018	41	239846	52.526	ug/l	94
15) Acrylonitrile	5.712	53	459330	314.793	ug/l	99
16) Acetone	4.418	43	294614	378.935	ug/l	98
17) Carbon Disulfide	4.712	76	505478	48.328	ug/l	99
18) Methyl Acetate	5.012	43	348838	69.730	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	671097	54.502	ug/l	98
20) Methylene Chloride	5.277	84	219346	52.717	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	207011	51.730	ug/l	83
22) Diisopropyl ether	6.671	45	626908	63.612	ug/l #	90
23) Vinyl Acetate	6.600	43	1656109	292.585	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	386454	56.204	ug/l	98
25) 2-Butanone	7.483	43	516798	345.049	ug/l	88
26) 2,2-Dichloropropane	7.488	77	317296	45.128	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	246298	54.374	ug/l	91
28) Bromochloromethane	7.812	49	140292	53.140	ug/l	89
29) Tetrahydrofuran	7.835	42	353265	329.381	ug/l	86
30) Chloroform	7.965	83	410293	53.756	ug/l	96
31) Cyclohexane	8.259	56	290940	48.791	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	364193	48.735	ug/l	97
36) 1,1-Dichloropropene	8.371	75	293602	49.494	ug/l	97
37) Ethyl Acetate	7.559	43	213310	57.423	ug/l	98
38) Carbon Tetrachloride	8.365	117	312233	44.049	ug/l	97
39) Methylcyclohexane	9.600	83	282119	45.779	ug/l #	87
40) Benzene	8.606	78	898854	52.473	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	132580	61.908	ug/l	90
42) 1,2-Dichloroethane	8.671	62	303303	47.814	ug/l	99
43) Isopropyl Acetate	8.688	43	391728	58.649	ug/l	98
44) Trichloroethene	9.353	130	233761	50.619	ug/l	97
45) 1,2-Dichloropropane	9.618	63	224722	55.855	ug/l	98
46) Dibromomethane	9.706	93	148359	51.348	ug/l	91
47) Bromodichloromethane	9.888	83	319708	51.630	ug/l	98
48) Methyl methacrylate	9.682	41	229448	57.566	ug/l	85
49) 1,4-Dioxane	9.694	88	65023	1076.283	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1135446	308.671	ug/l	99
52) Toluene	10.629	92	561482	51.886	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	316719	47.273	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	347765	48.564	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	218807	56.193	ug/l	97
56) Ethyl methacrylate	10.876	69	245859	57.031	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	381153	55.839	ug/l	99
59) 2-Hexanone	11.194	43	822491	302.872	ug/l	99
60) Dibromochloromethane	11.359	129	234434	50.809	ug/l	99
61) 1,2-Dibromoethane	11.471	107	211297	52.431	ug/l	100
64) Tetrachloroethene	11.106	164	189264	47.861	ug/l	96
65) Chlorobenzene	11.894	112	577615	50.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	211661	47.345	ug/l	96
67) Ethyl Benzene	11.965	91	1034746	49.392	ug/l	97
68) m/p-Xylenes	12.070	106	771114	99.610	ug/l	95
69) o-Xylene	12.400	106	373507	49.328	ug/l	92
70) Styrene	12.412	104	561832	51.512	ug/l	97
71) Bromoform	12.576	173	144783	44.410	ug/l #	100
73) Isopropylbenzene	12.694	105	943792	49.407	ug/l	99
74) N-amyl acetate	12.494	43	329823	59.127	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	290004	56.655	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	244311m	51.501	ug/l	
77) Bromobenzene	12.982	156	232468	49.470	ug/l	96
78) n-propylbenzene	13.035	91	1077630	51.166	ug/l	99
79) 2-Chlorotoluene	13.123	91	684919	49.811	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	808477	49.142	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	10420	5.767	ug/l	88
82) 4-Chlorotoluene	13.223	91	690302	48.842	ug/l	97
83) tert-Butylbenzene	13.441	119	654114	48.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	819480	50.070	ug/l	100
85) sec-Butylbenzene	13.617	105	871980	50.592	ug/l	100
86) p-Isopropyltoluene	13.729	119	774748	49.783	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	408228	49.307	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	405039	48.464	ug/l	99
89) n-Butylbenzene	14.059	91	654054	50.327	ug/l	99
90) Hexachloroethane	14.335	117	96036	38.857	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	397445	50.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	50452	46.859	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	220612	50.540	ug/l	98
94) Hexachlorobutadiene	15.506	225	103619	41.697	ug/l	99
95) Naphthalene	15.641	128	716488	54.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	215651	51.196	ug/l	97

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

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

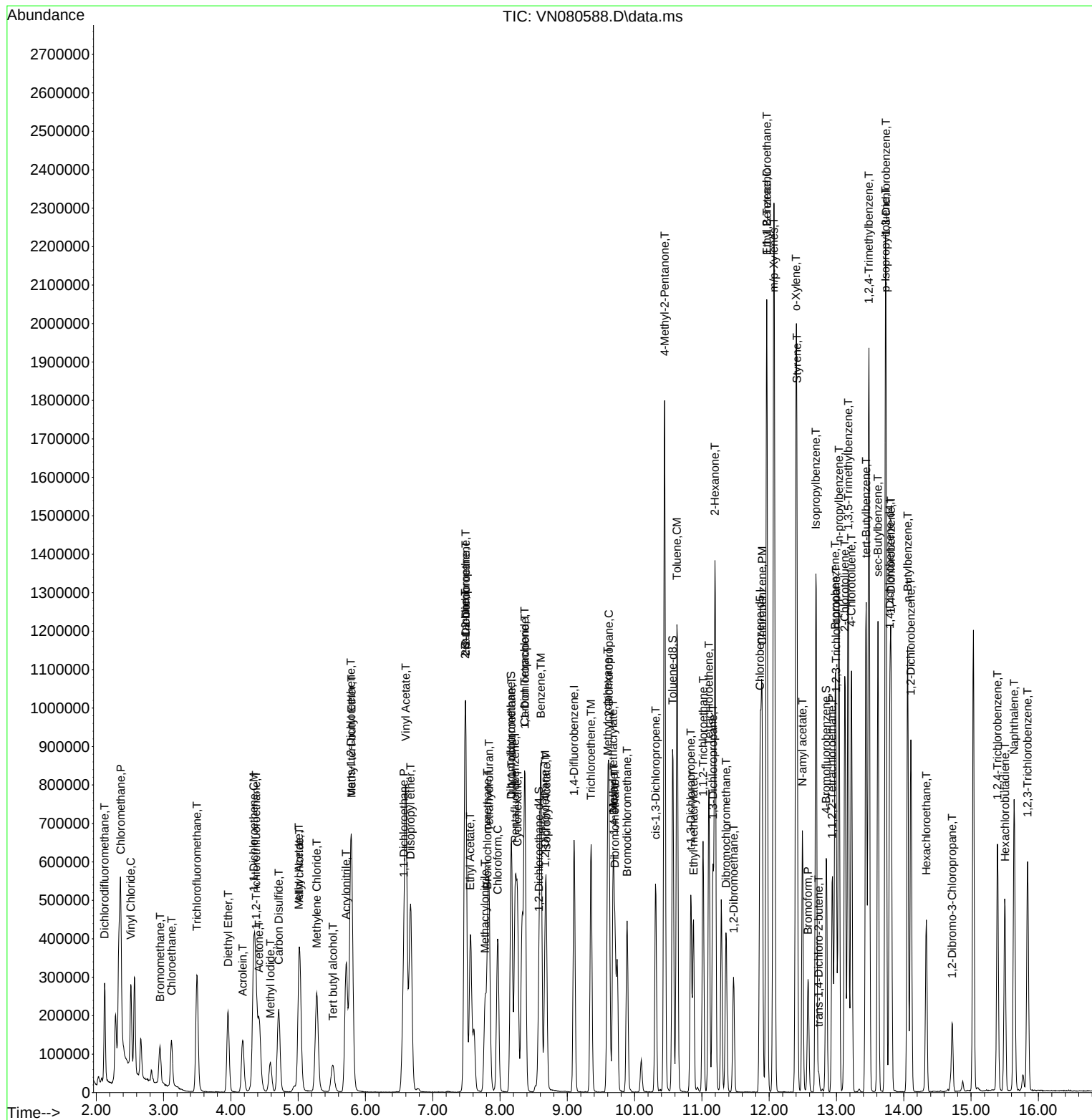
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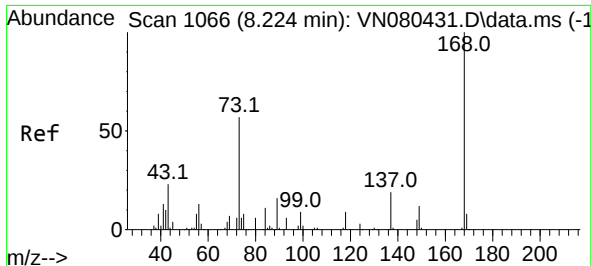
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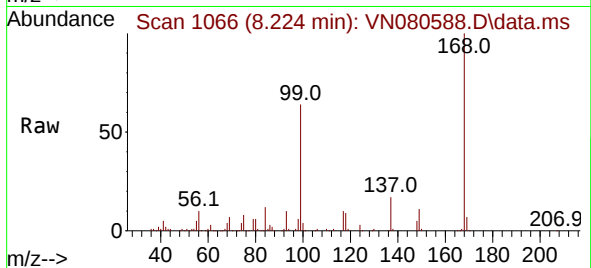
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

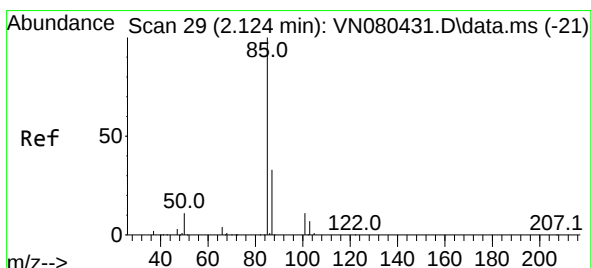
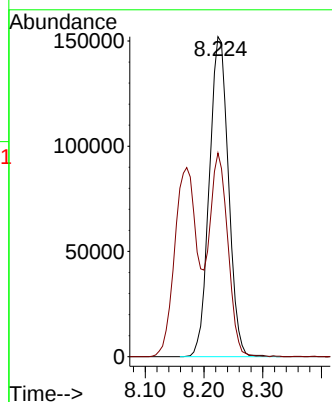
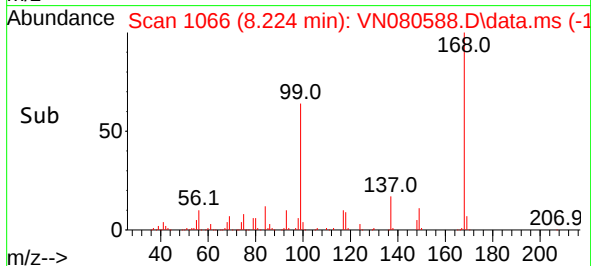
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



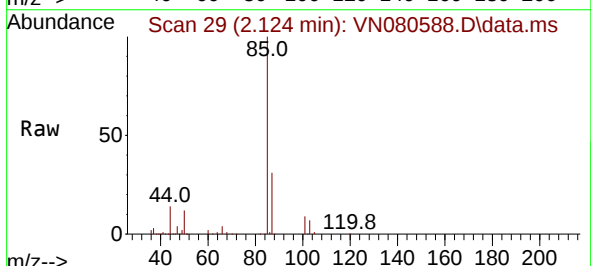
Tgt Ion:168 Resp: 343308
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6

Manual Integrations
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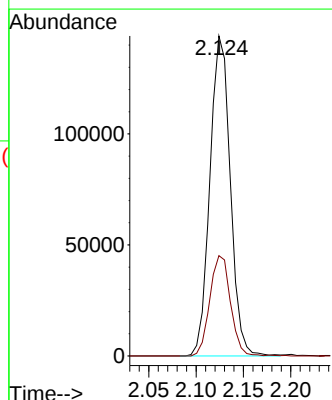
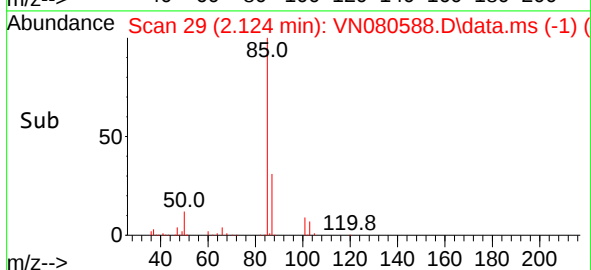
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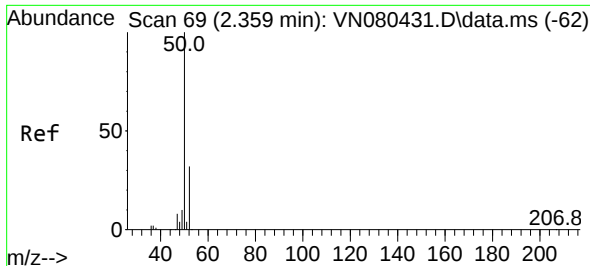


#2
Dichlorodifluoromethane
Concen: 49.157 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



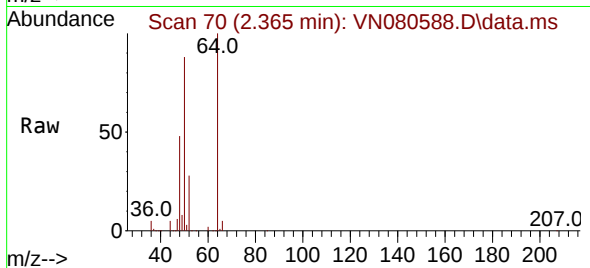
Tgt Ion: 85 Resp: 215662
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 50.823 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

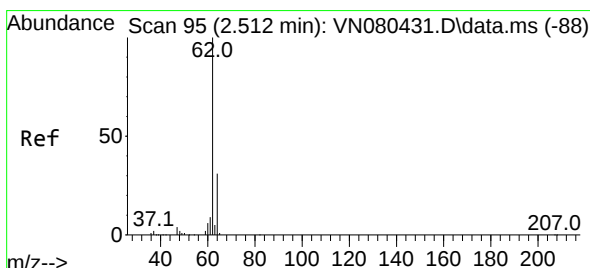
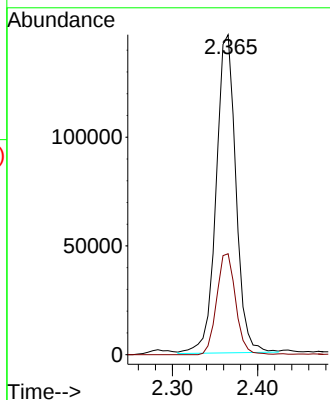
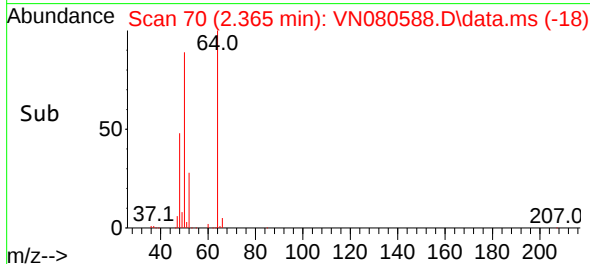
Instrument :
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Tgt Ion: 50 Resp: 23607
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

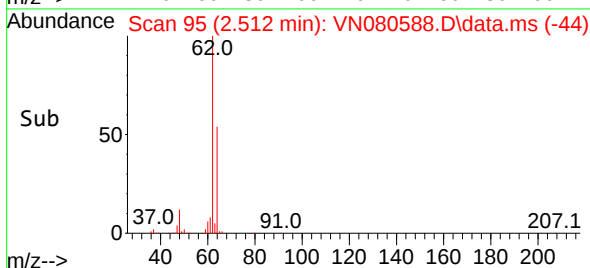
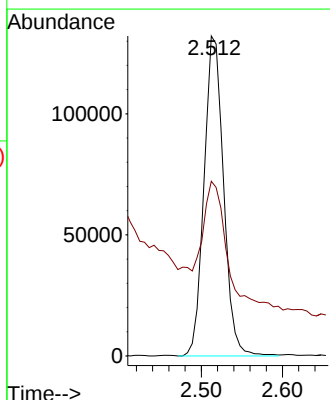
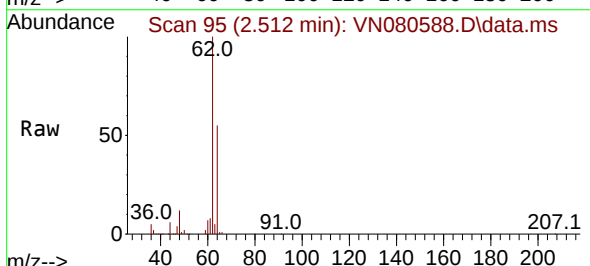
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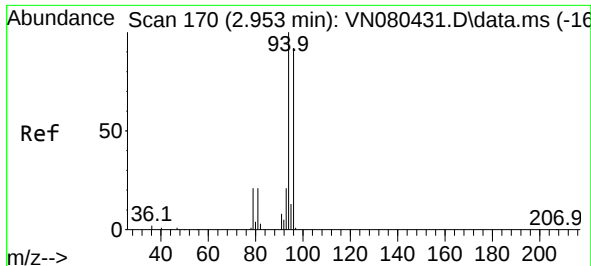
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#4
Vinyl Chloride
Concen: 58.956 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

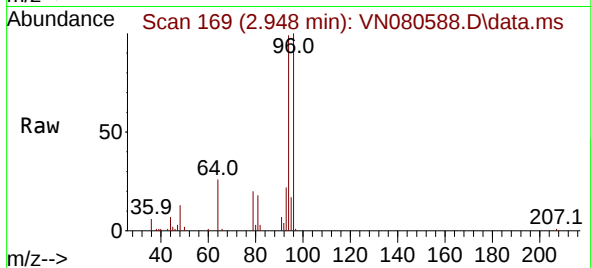
Tgt Ion: 62 Resp: 220892
Ion Ratio Lower Upper
62 100
64 39.0 26.2 39.2





#5
Bromomethane
Concen: 46.329 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

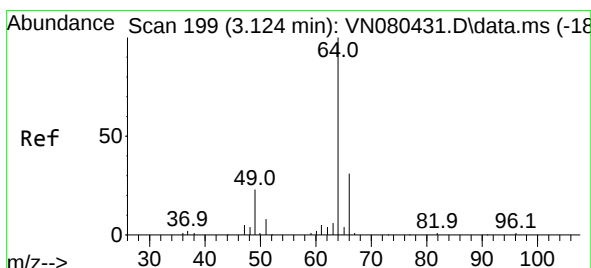
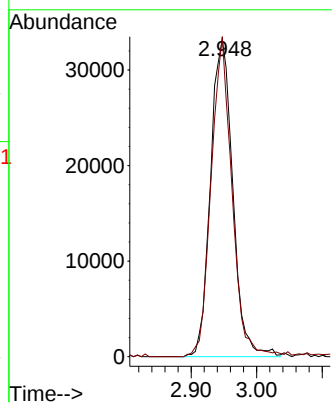
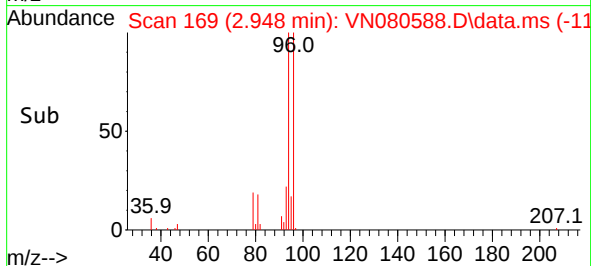
Instrument :
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Tgt Ion: 94 Resp: 7825
Ion Ratio Lower Upper
94 100
96 100.9 73.1 109.7

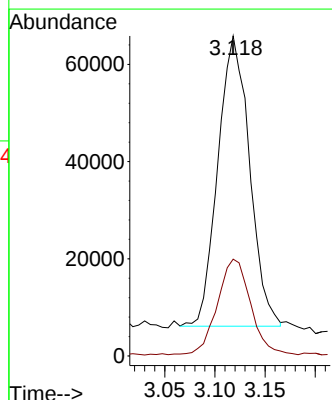
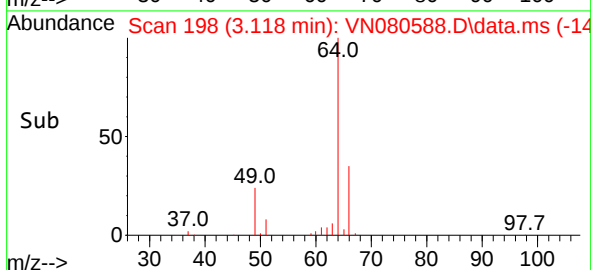
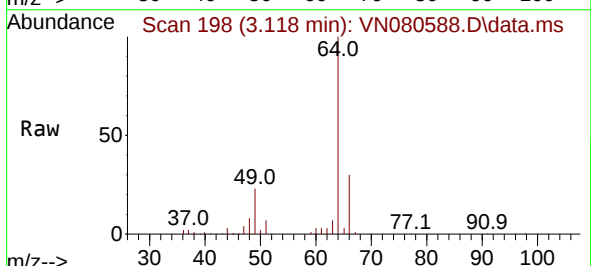
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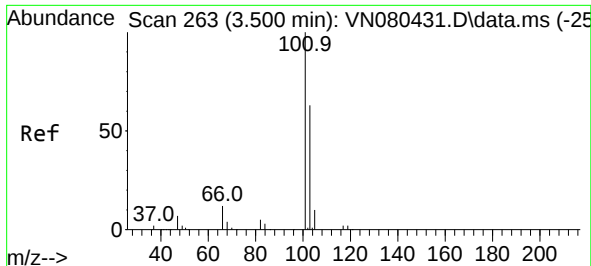
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#6
Chloroethane
Concen: 54.403 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Tgt Ion: 64 Resp: 130978
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





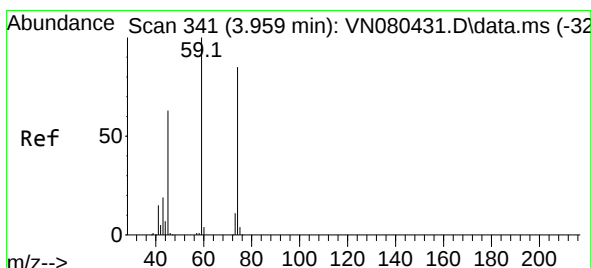
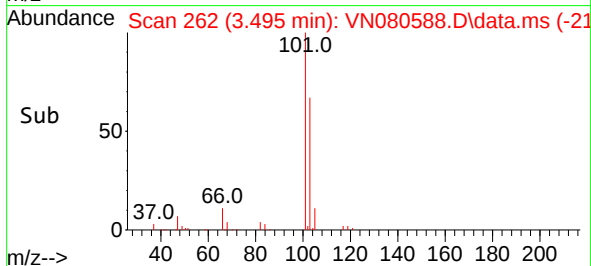
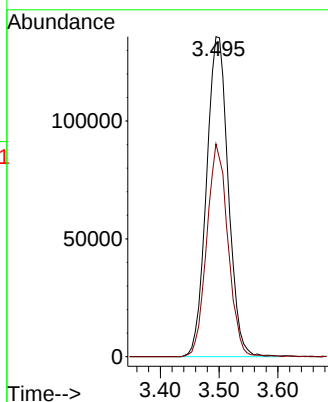
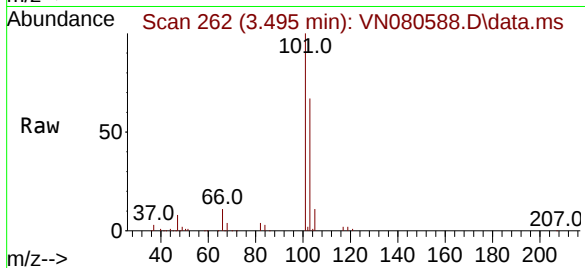
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 Trichlorofluoromethane
 Concen: 45.882 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN080588.D
 Acq: 21 Dec 2023 20:59

Instrument :
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 ClientSampleId :
 MW-7-122023MSD

Tgt Ion:101 Resp: 34866
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.7 76.1

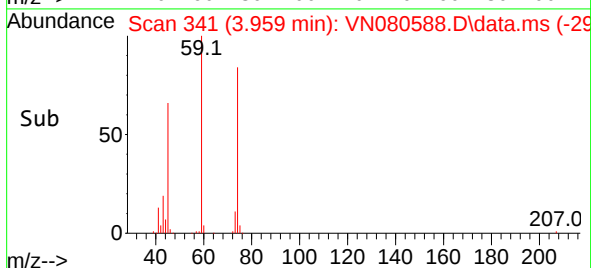
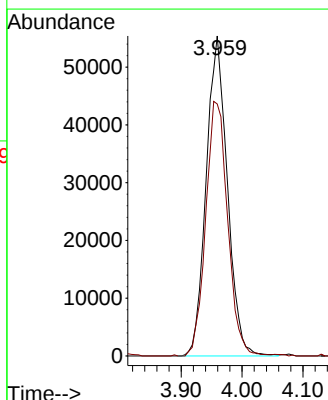
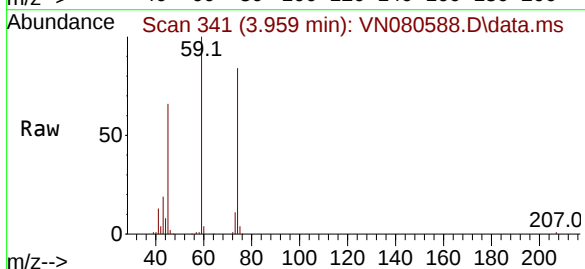
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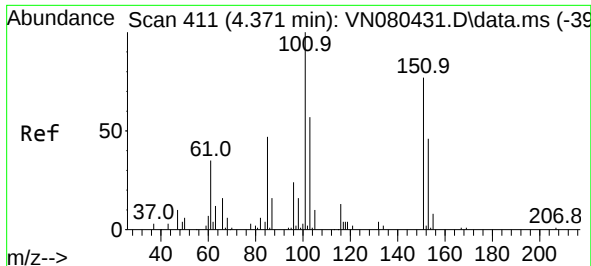
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#8
 Diethyl Ether
 Concen: 55.885 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080588.D
 Acq: 21 Dec 2023 20:59

Tgt Ion: 74 Resp: 133767
 Ion Ratio Lower Upper
 74 100
 45 82.5 34.4 103.3





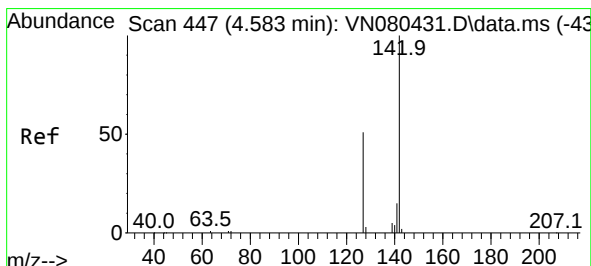
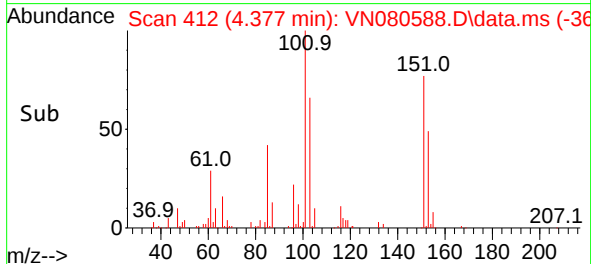
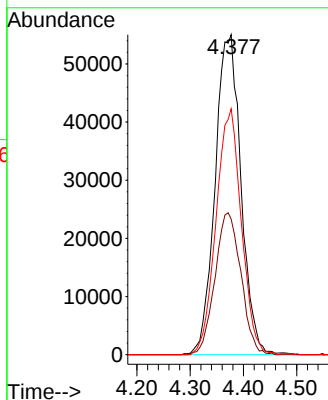
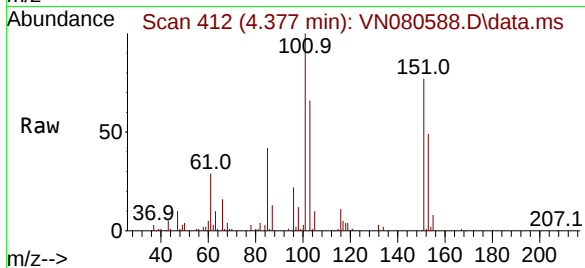
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.453 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD

Tgt Ion:101 Resp: 18532
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 75.2 57.6 86.4

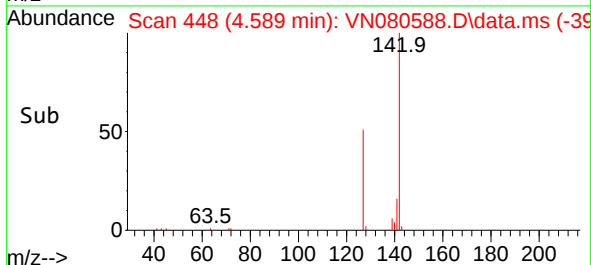
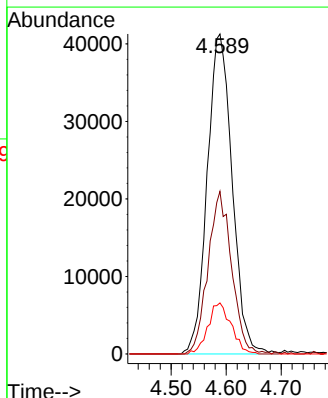
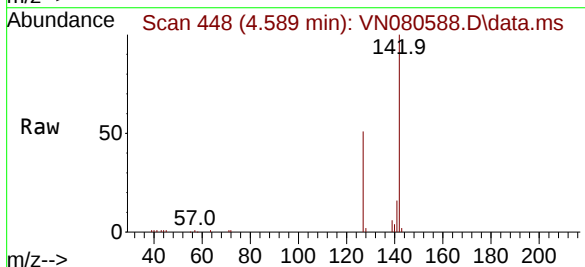
Manual Integrations
APPROVED

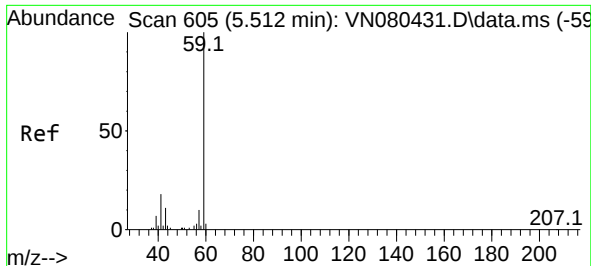
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#10
Methyl Iodide
Concen: 41.045 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

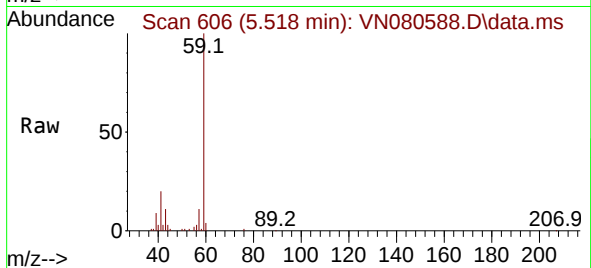
Tgt Ion:142 Resp: 130040
Ion Ratio Lower Upper
142 100
127 50.8 37.6 56.4
141 15.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 272.463 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

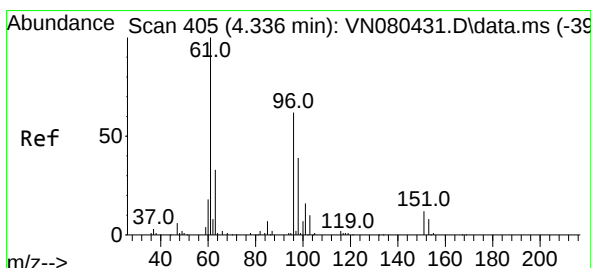
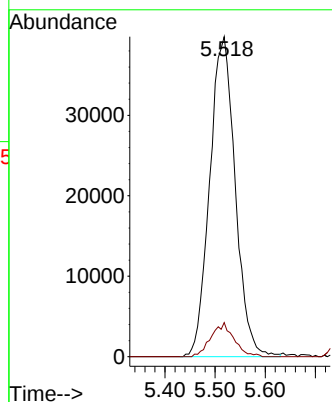
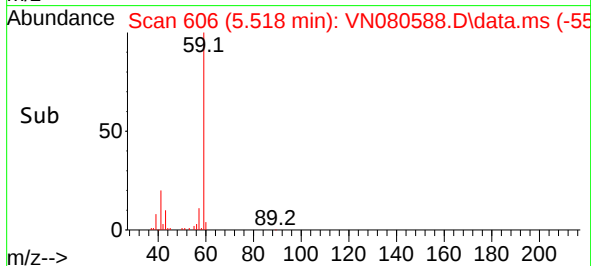
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



Tgt Ion: 59 Resp: 14070
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

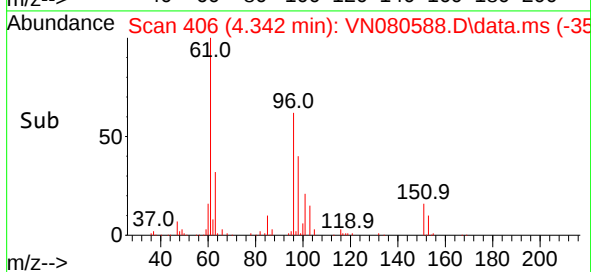
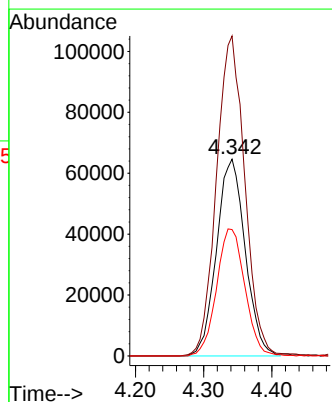
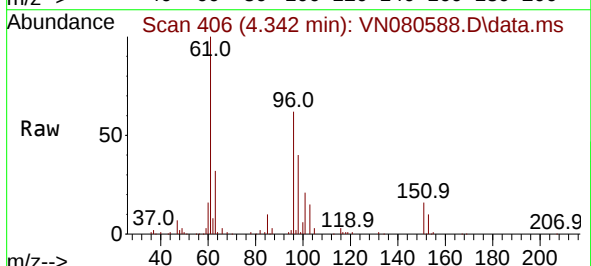
Manual Integrations
APPROVED

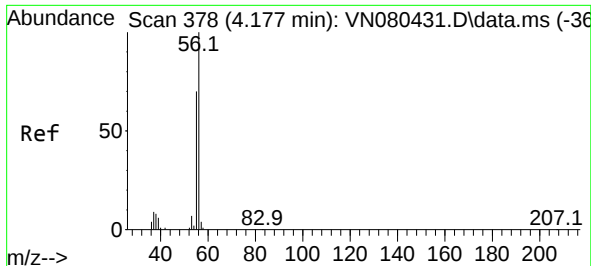
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#12
1,1-Dichloroethene
Concen: 51.226 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Tgt Ion: 96 Resp: 189056
Ion Ratio Lower Upper
96 100
61 162.6 112.7 169.1
98 64.2 51.2 76.8





#13

Acrolein

Concen: 326.454 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

Tgt Ion: 56 Resp: 184624

Ion Ratio Lower Upper

56 100

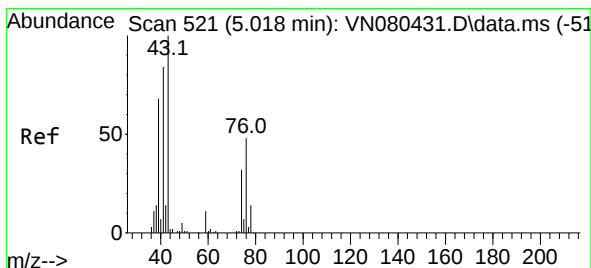
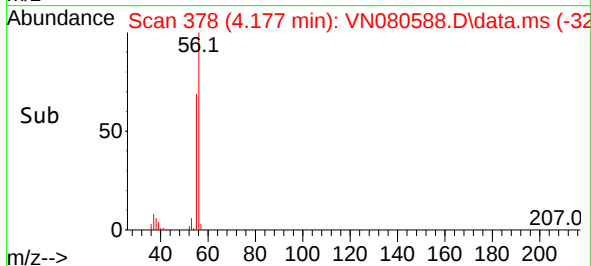
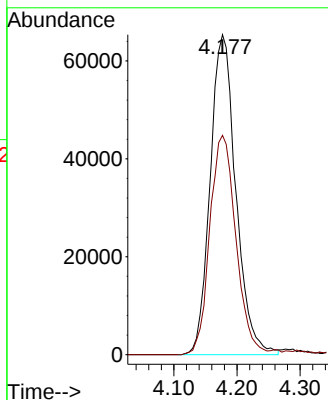
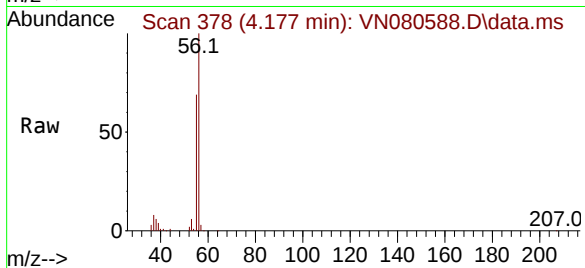
55 69.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#14

Allyl chloride

Concen: 52.526 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

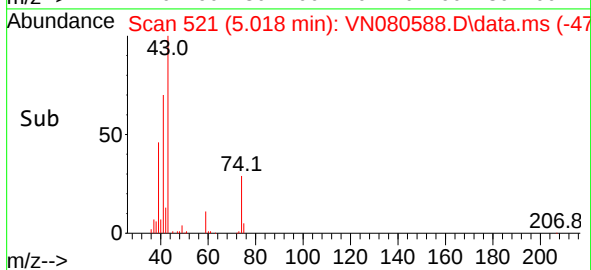
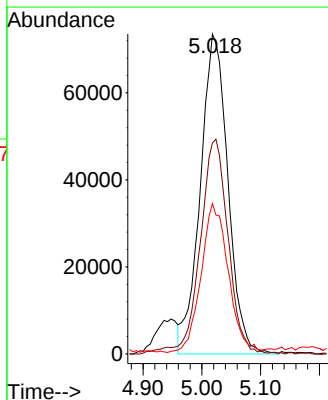
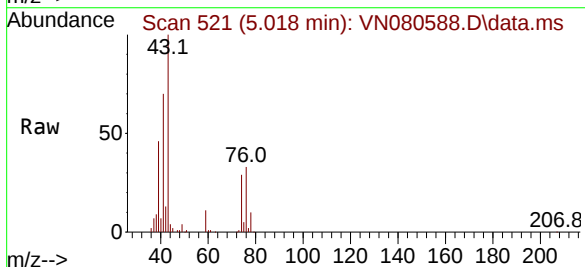
Tgt Ion: 41 Resp: 239846

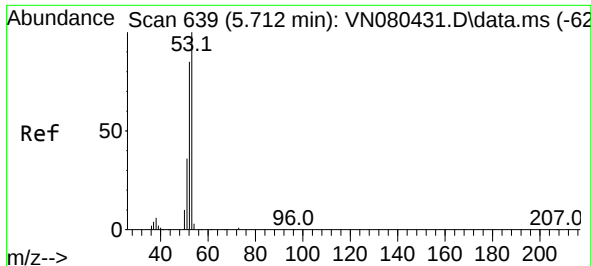
Ion Ratio Lower Upper

41 100

39 68.0 58.8 88.2

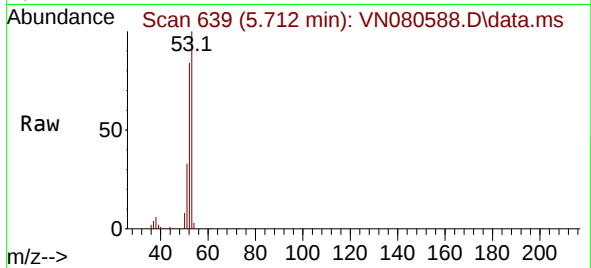
76 45.8 39.1 58.7





#15
Acrylonitrile
Concen: 314.793 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

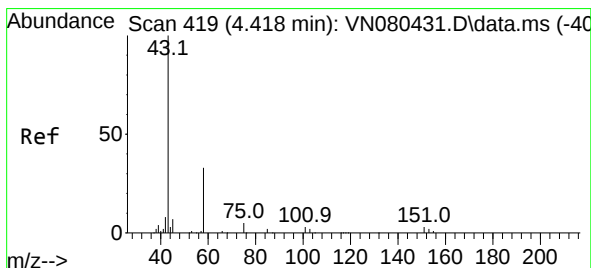
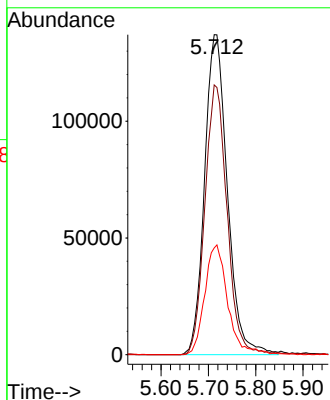
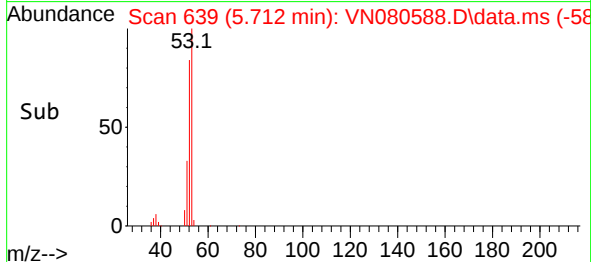
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



Tgt Ion: 53 Resp: 459330
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 34.7 28.9 43.3

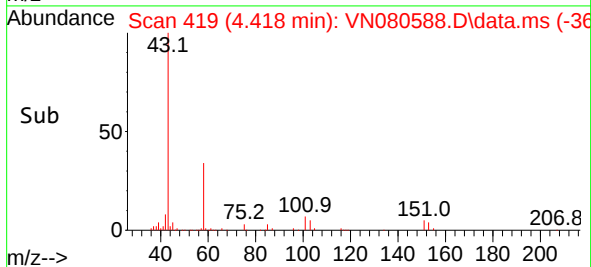
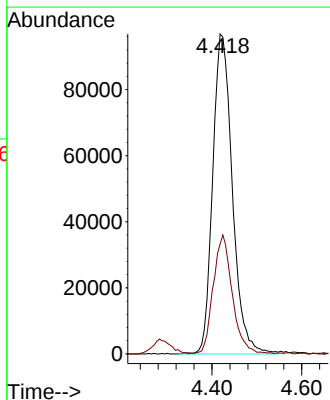
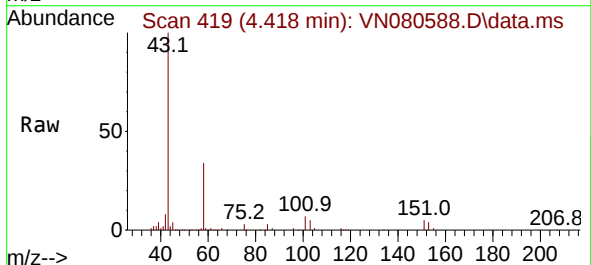
Manual Integrations
APPROVED

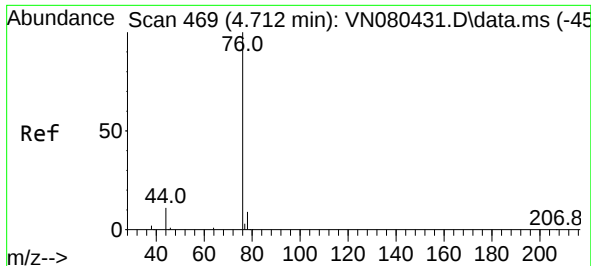
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#16
Acetone
Concen: 378.935 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

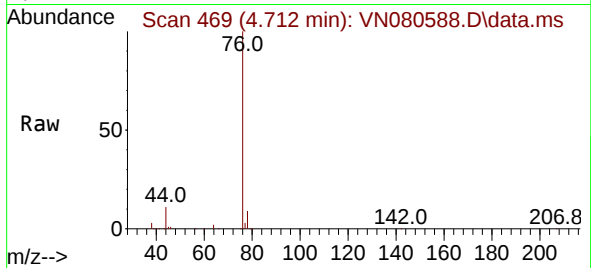
Tgt Ion: 43 Resp: 294614
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





#17
Carbon Disulfide
Concen: 48.328 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

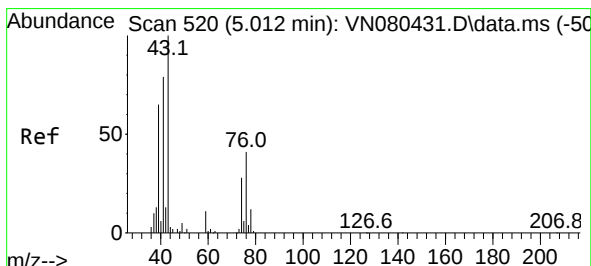
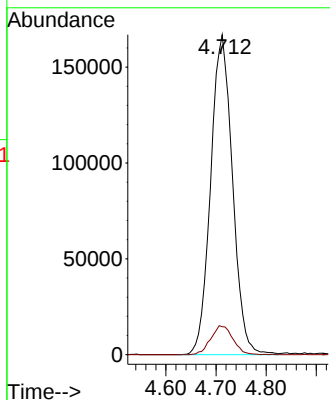
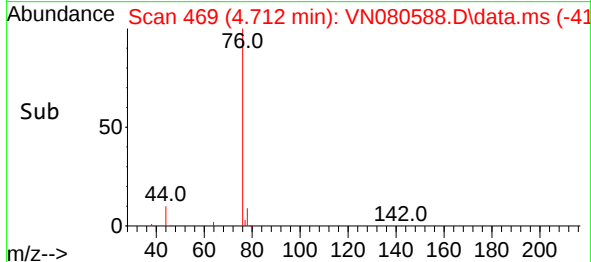
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



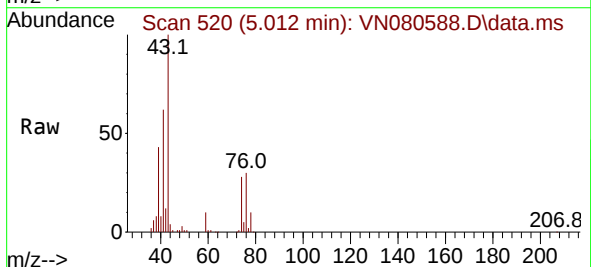
Tgt Ion: 76 Resp: 505478
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

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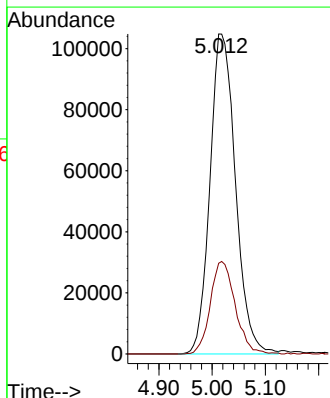
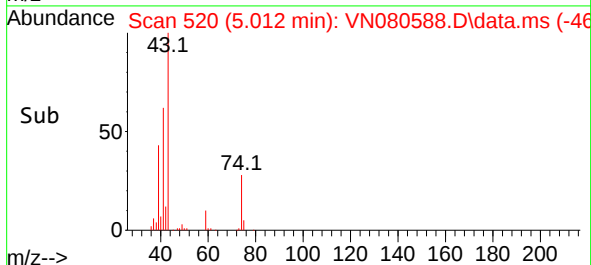
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

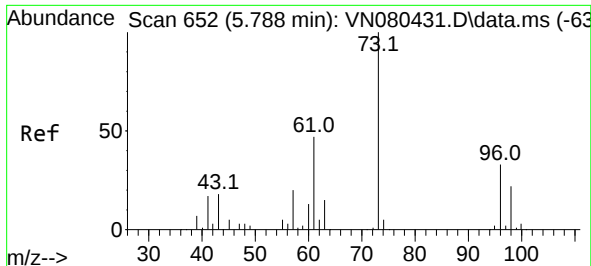


#18
Methyl Acetate
Concen: 69.730 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion: 43 Resp: 348838
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





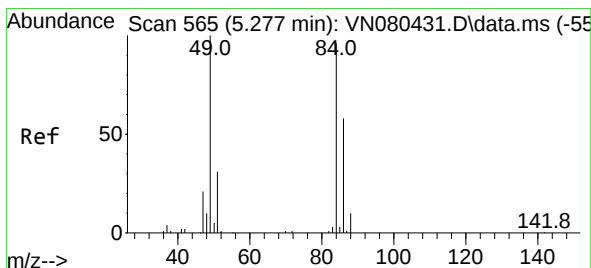
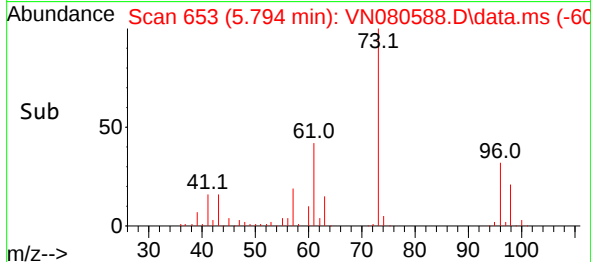
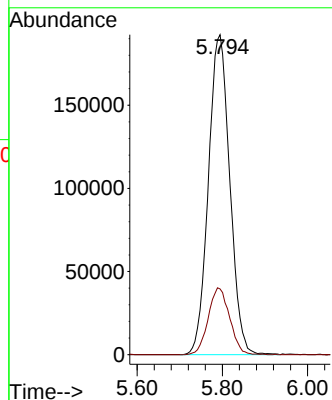
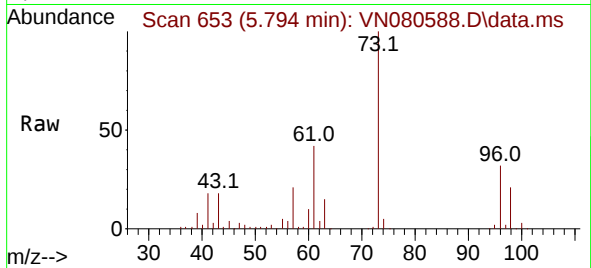
#19
Methyl tert-butyl Ether
Concen: 54.502 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD

Tgt Ion: 73 Resp: 67109
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4

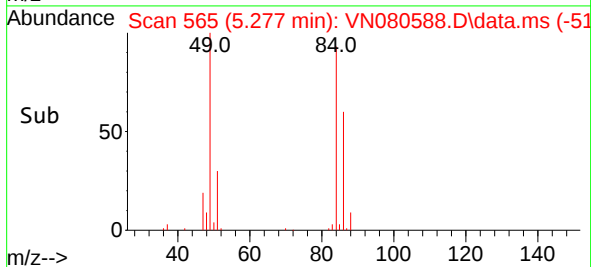
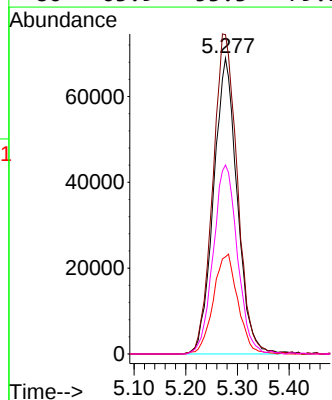
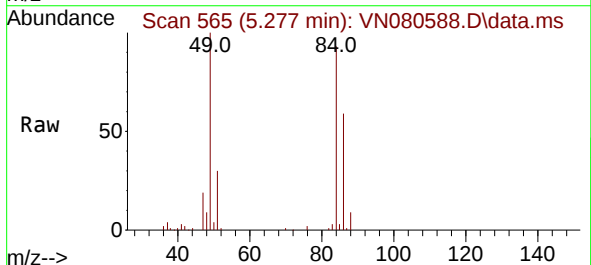
Manual Integrations
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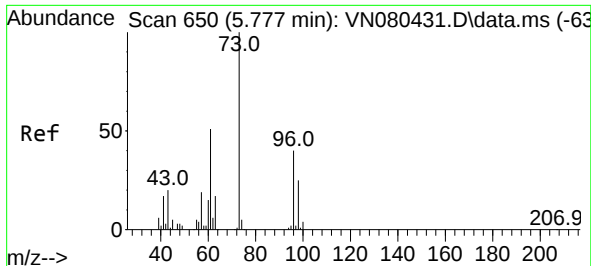
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#20
Methylene Chloride
Concen: 52.717 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

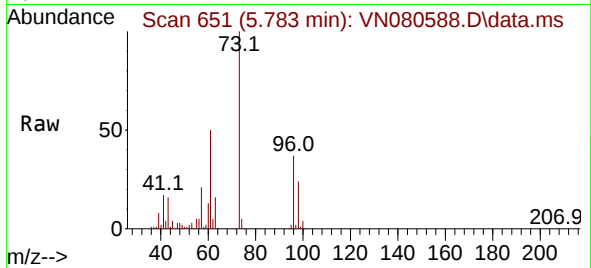
Tgt Ion: 84 Resp: 219346
Ion Ratio Lower Upper
84 100
49 108.0 79.7 119.5
51 32.9 25.2 37.8
86 63.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.730 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

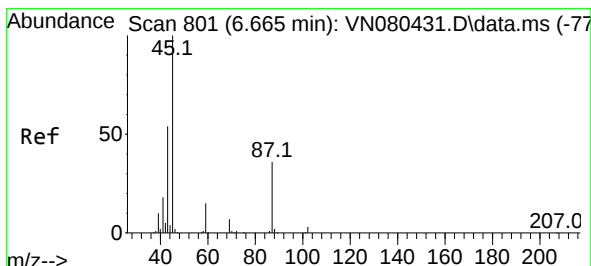
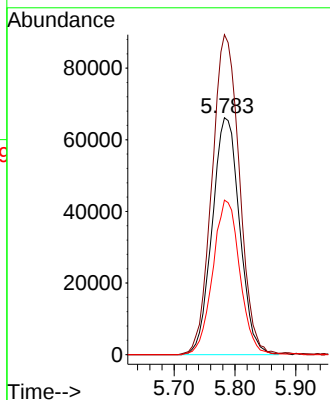
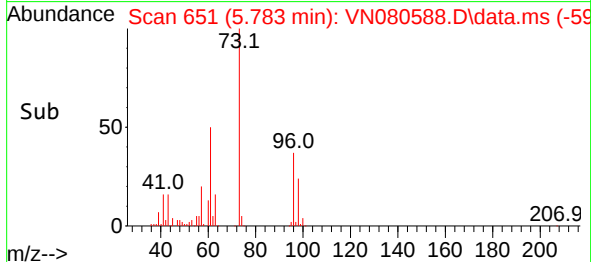
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



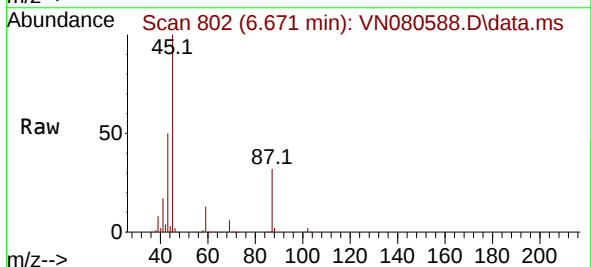
Tgt Ion: 96 Resp: 20701
Ion Ratio Lower Upper
96 100
61 135.0 90.1 135.1
98 65.2 46.4 69.6

Manual Integrations
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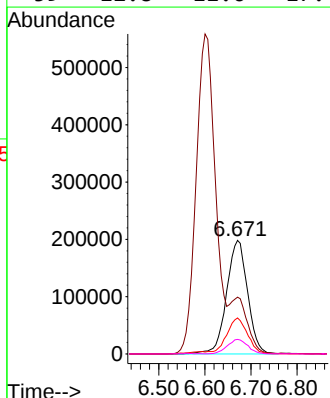
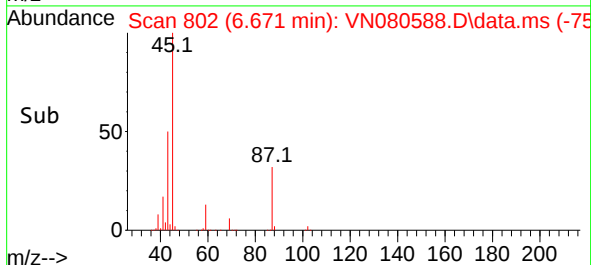
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#22
Diisopropyl ether
Concen: 63.612 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



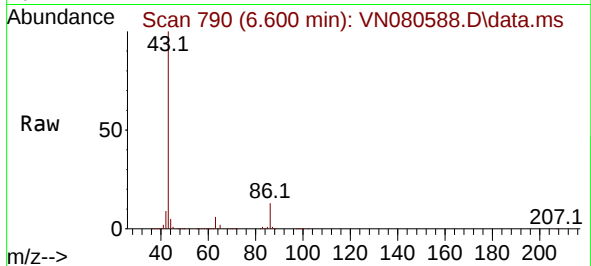
Tgt Ion: 45 Resp: 626908
Ion Ratio Lower Upper
45 100
43 49.6 45.5 68.3
87 31.6 31.8 47.8#
59 12.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 292.585 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080588.D
 Acq: 21 Dec 2023 20:59

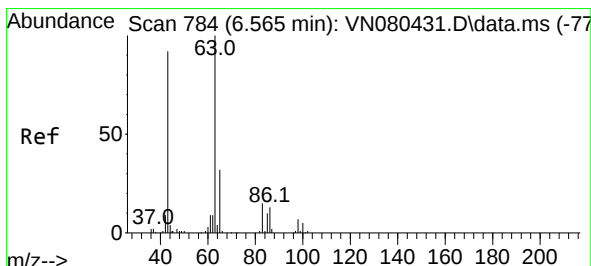
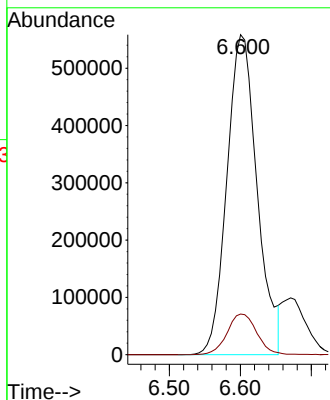
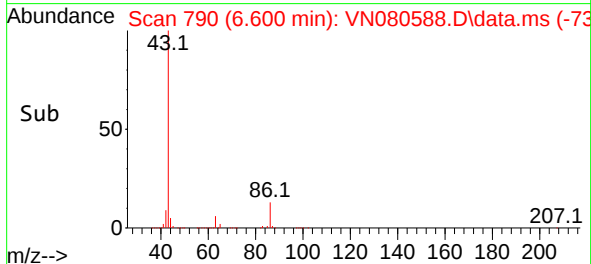
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-122023MSD



Tgt Ion: 43 Resp: 1656109
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6

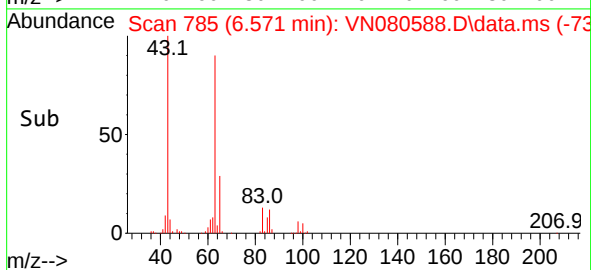
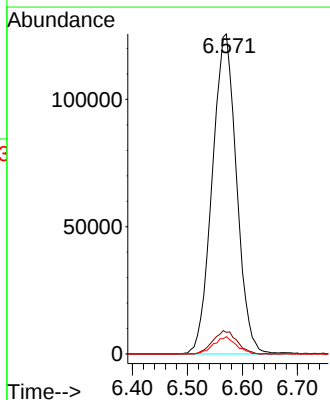
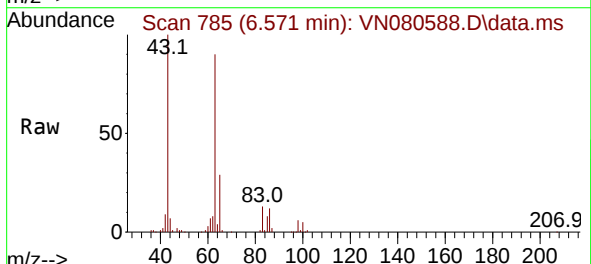
Manual Integrations
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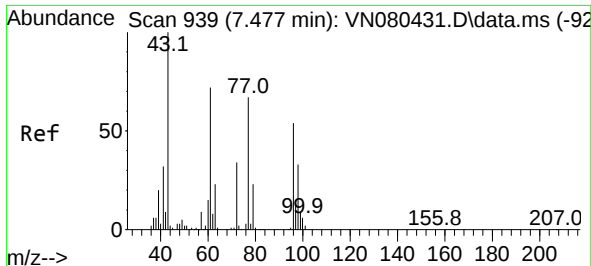
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 56.204 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080588.D
 Acq: 21 Dec 2023 20:59

Tgt Ion: 63 Resp: 386454
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 5.4 2.5 7.4





#25

2-Butanone

Concen: 345.049 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

Tgt Ion: 43 Resp: 516798

Ion Ratio Lower Upper

43 100

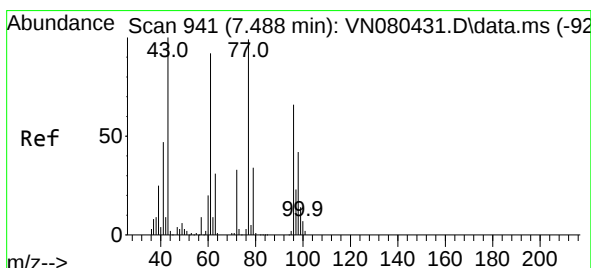
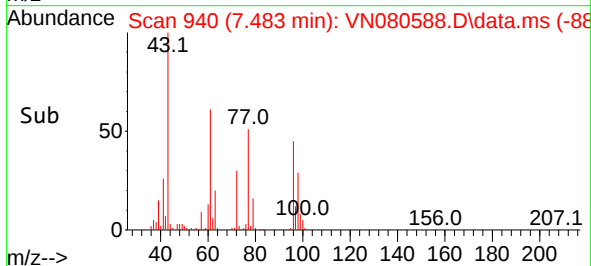
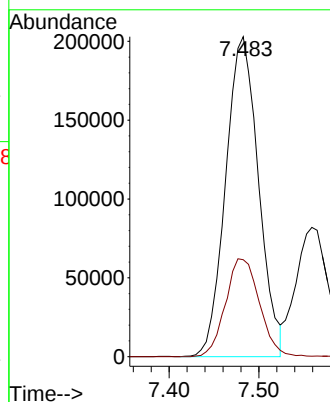
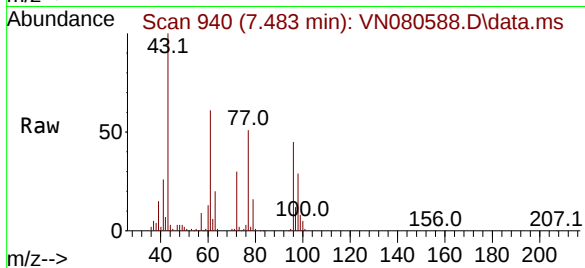
72 30.3 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#26

2,2-Dichloropropane

Concen: 45.128 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080588.D

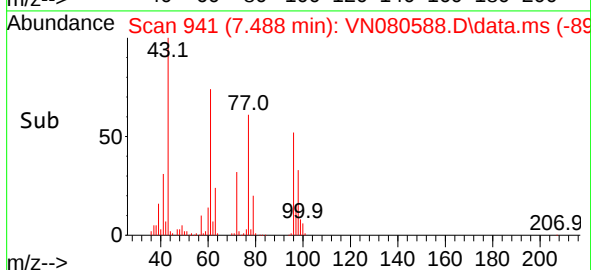
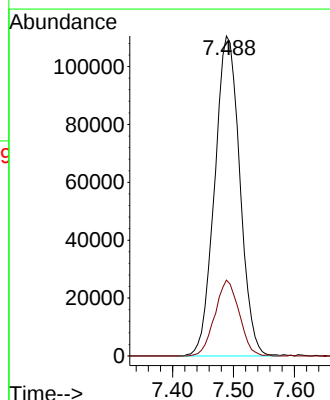
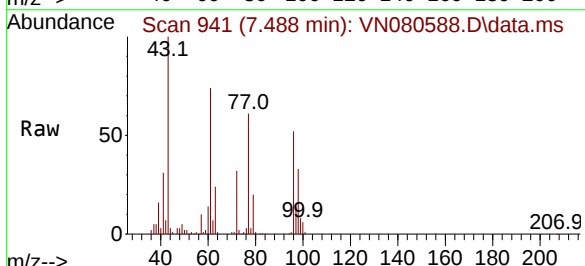
Acq: 21 Dec 2023 20:59

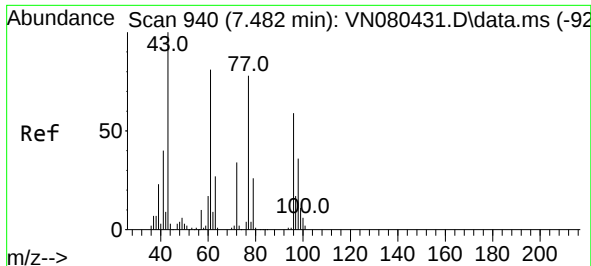
Tgt Ion: 77 Resp: 317296

Ion Ratio Lower Upper

77 100

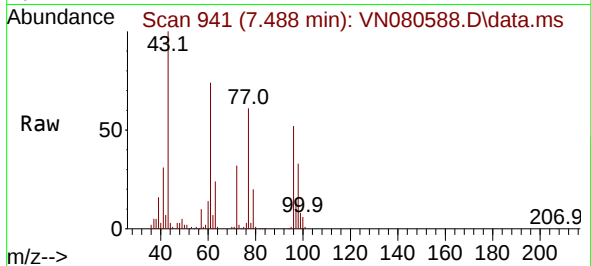
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 54.374 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080588.D
 Acq: 21 Dec 2023 20:59

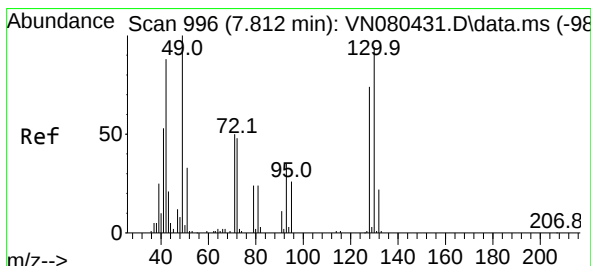
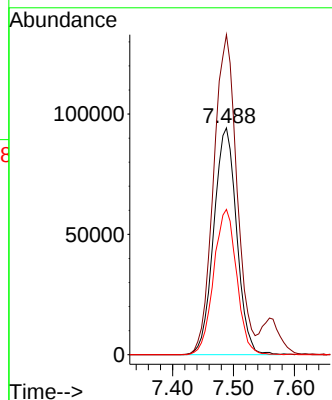
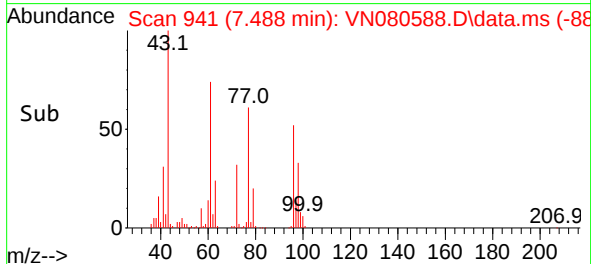
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-122023MSD



Tgt Ion: 96 Resp: 246298
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 255.2
 98 64.3 0.0 128.8

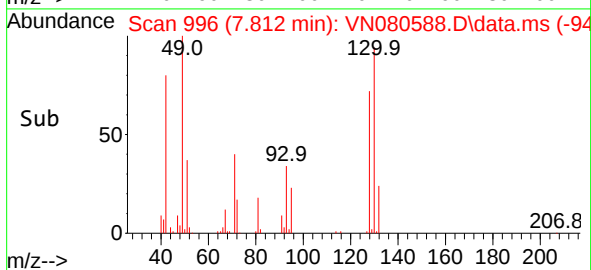
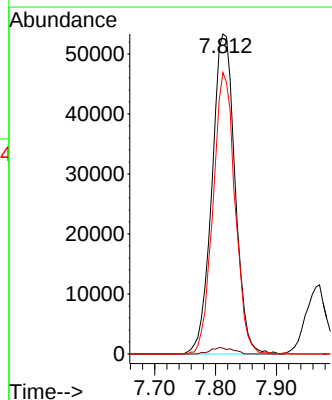
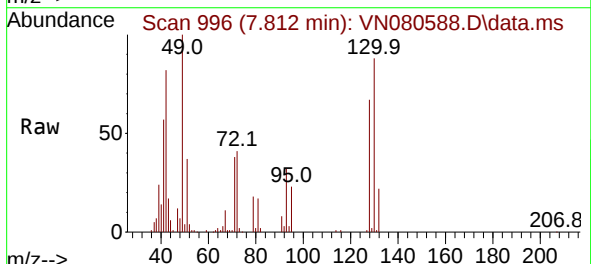
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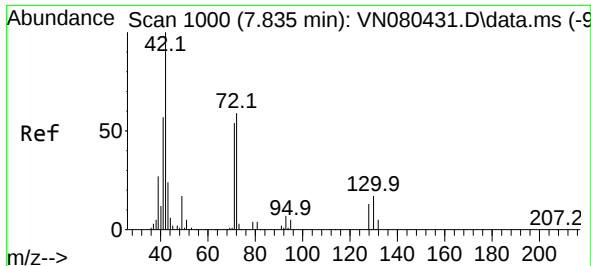
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#28
 Bromochloromethane
 Concen: 53.140 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080588.D
 Acq: 21 Dec 2023 20:59

Tgt Ion: 49 Resp: 140292
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 83.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 329.381 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

Tgt Ion: 42 Resp: 35326

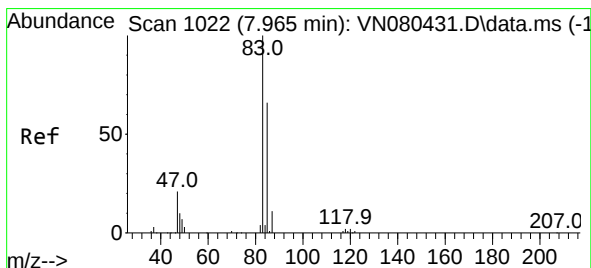
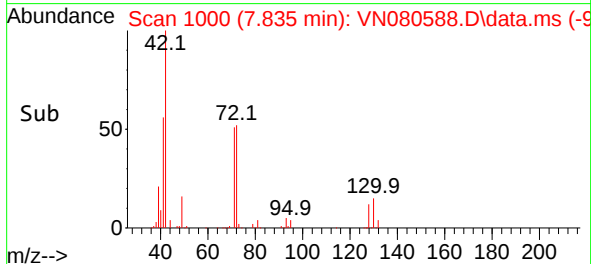
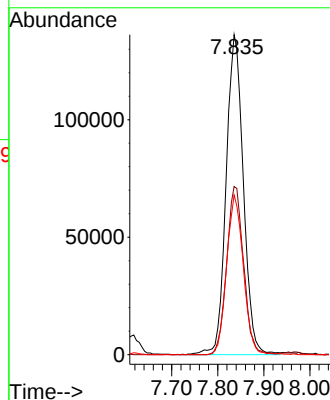
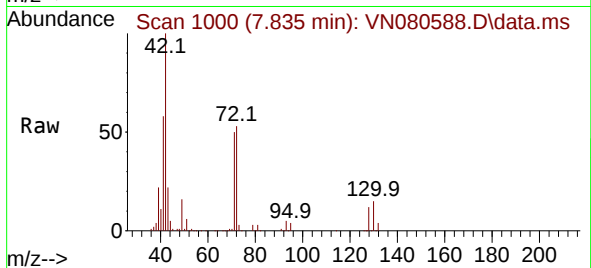
Ion	Ratio	Lower	Upper
42	100		
72	51.6	49.8	74.6
71	48.5	47.4	71.2

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Supervised By :Mahesh Dadoda 12/22/2023



#30

Chloroform

Concen: 53.756 ug/l

RT: 7.965 min Scan# 1022

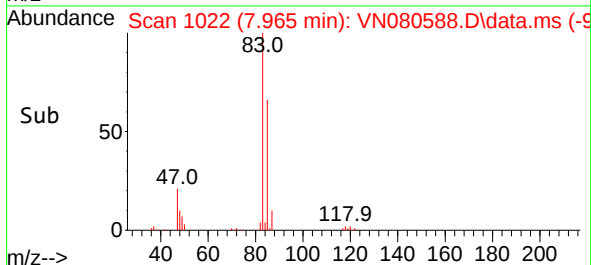
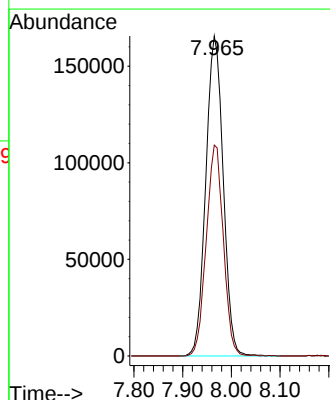
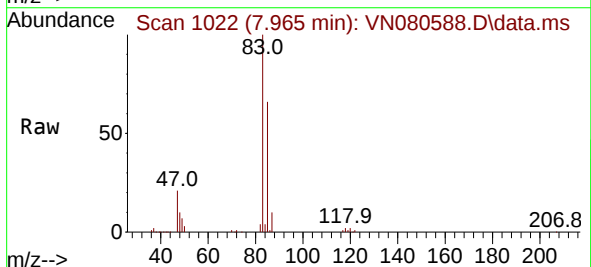
Delta R.T. 0.000 min

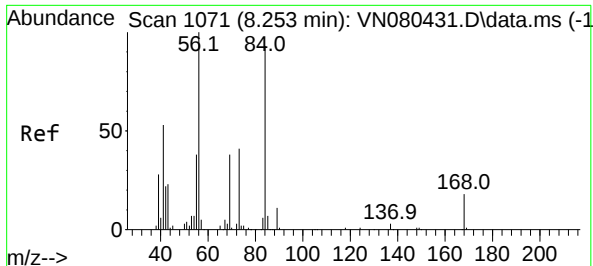
Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Tgt Ion: 83 Resp: 410293

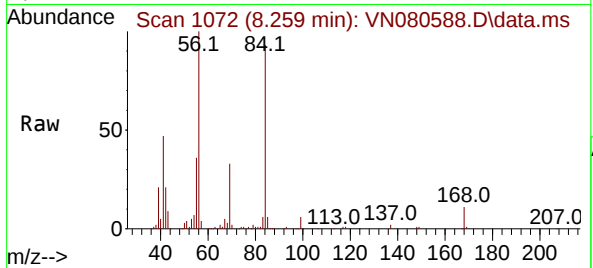
Ion	Ratio	Lower	Upper
83	100		
85	65.9	55.4	83.0





#31
Cyclohexane
Concen: 48.791 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

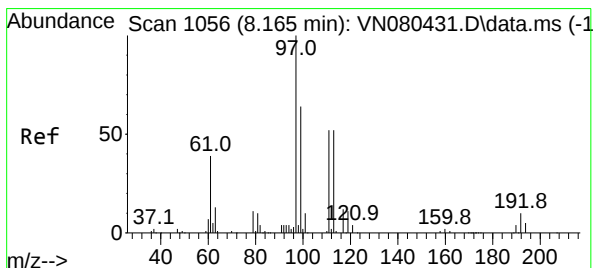
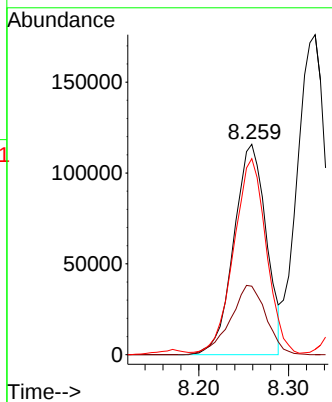
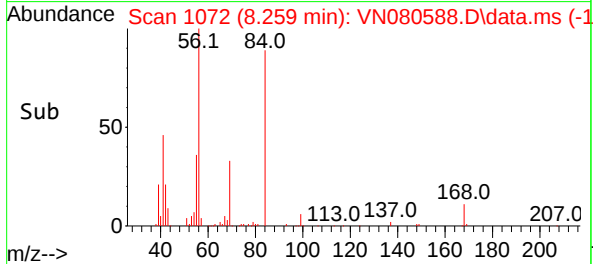
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



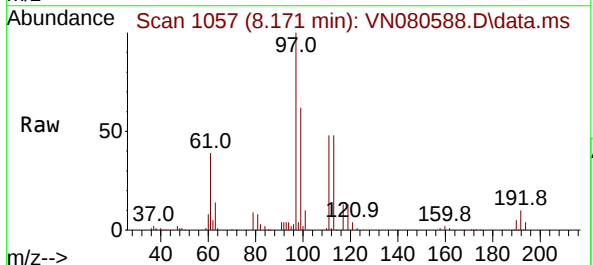
Tgt Ion: 56 Resp: 290940
Ion Ratio Lower Upper
56 100
69 32.5 26.8 40.2
84 91.2 81.8 122.6

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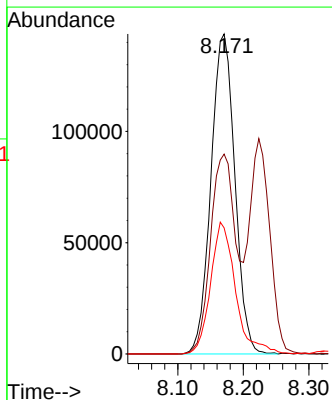
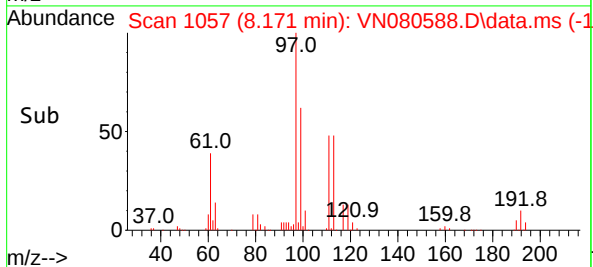
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

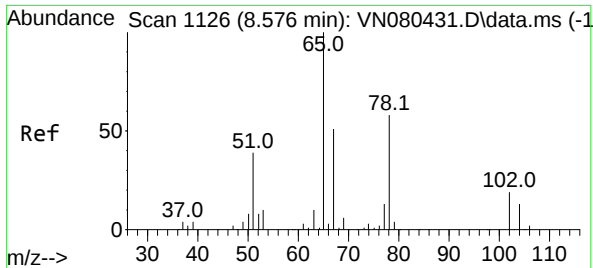


#32
1,1,1-Trichloroethane
Concen: 48.735 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion: 97 Resp: 364193
Ion Ratio Lower Upper
97 100
99 67.1 50.3 75.5
61 43.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.677 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

Tgt Ion: 65 Resp: 204669

Ion Ratio Lower Upper

65 100

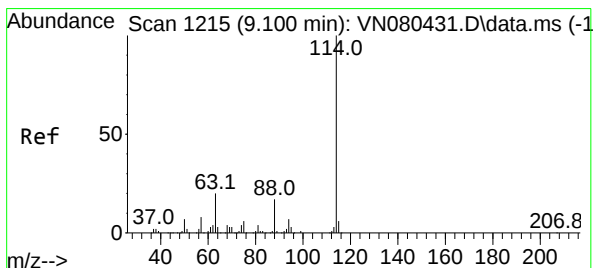
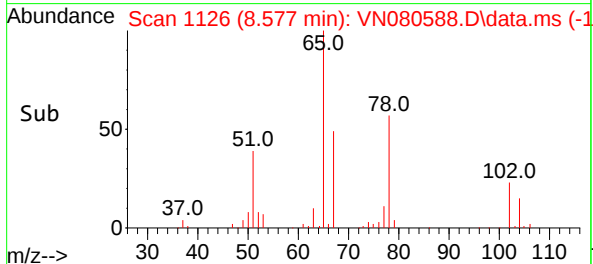
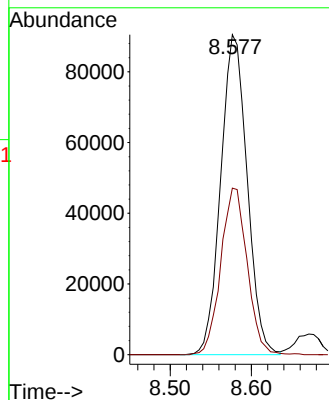
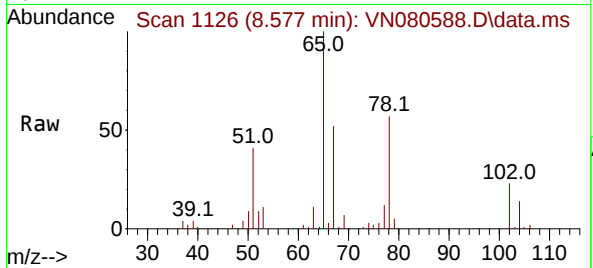
67 52.0 0.0 106.6

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

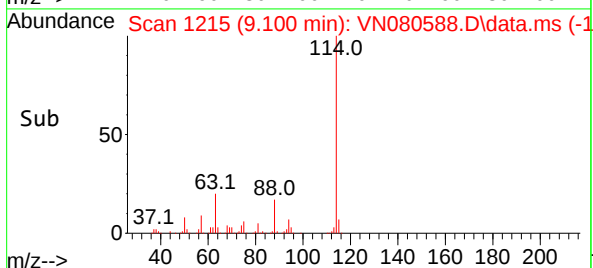
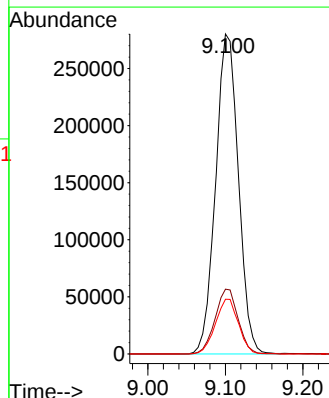
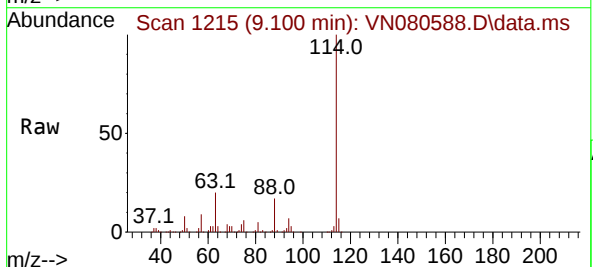
Tgt Ion:114 Resp: 572216

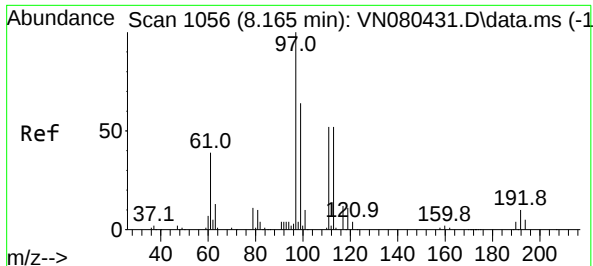
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.960 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

Tgt Ion: 113 Resp: 170374

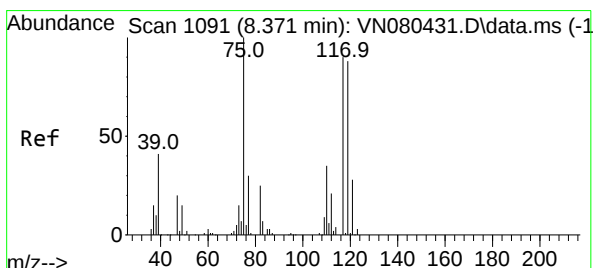
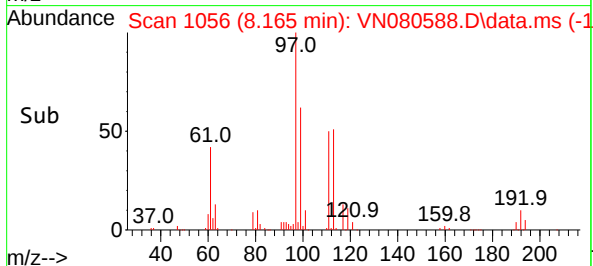
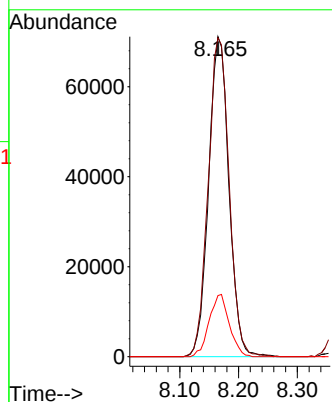
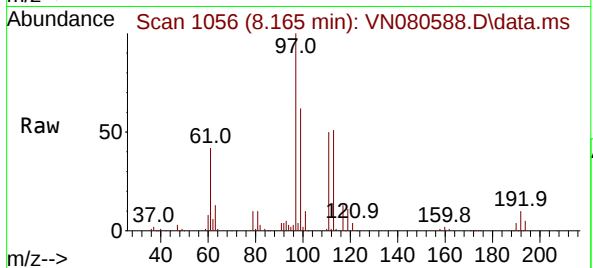
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.3	12.7	19.1

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#36

1,1-Dichloropropene

Concen: 49.494 ug/l

RT: 8.371 min Scan# 1091

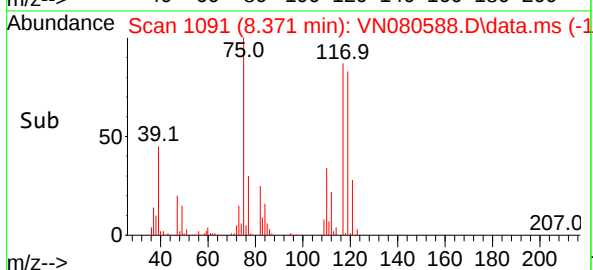
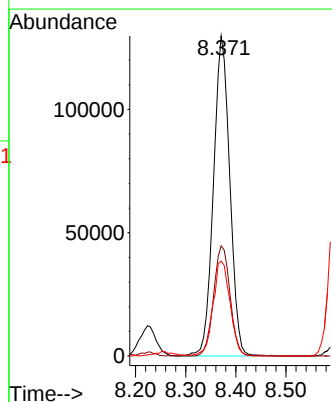
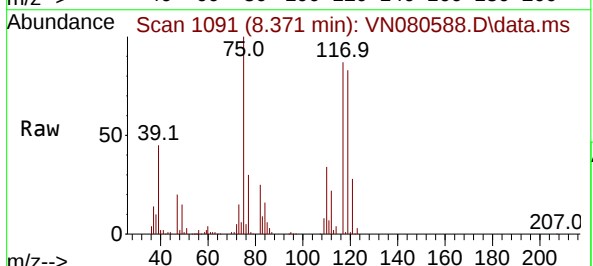
Delta R.T. 0.000 min

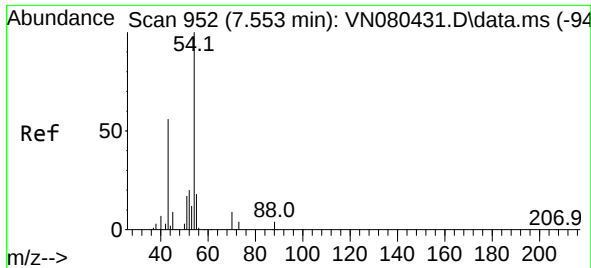
Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Tgt Ion: 75 Resp: 293602

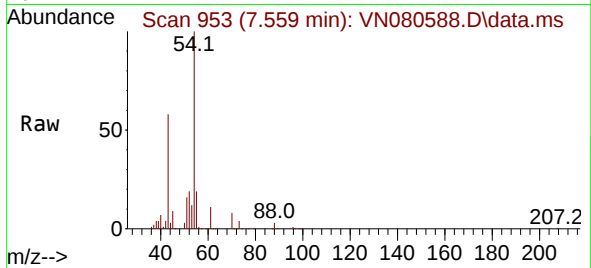
Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.3
77	30.8	25.0	37.4





#37
Ethyl Acetate
Concen: 57.423 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

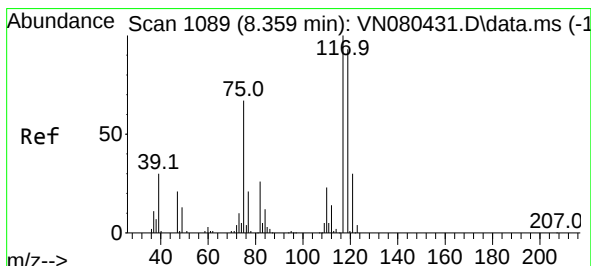
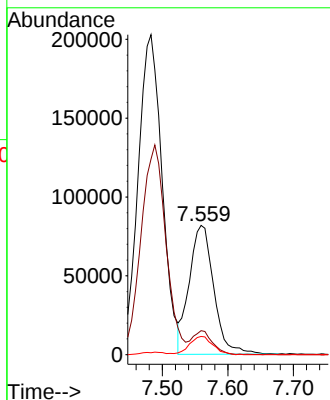
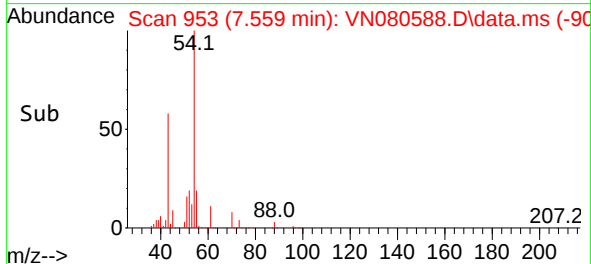
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



Tgt Ion: 43 Resp: 213310
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 13.4 11.3 16.9

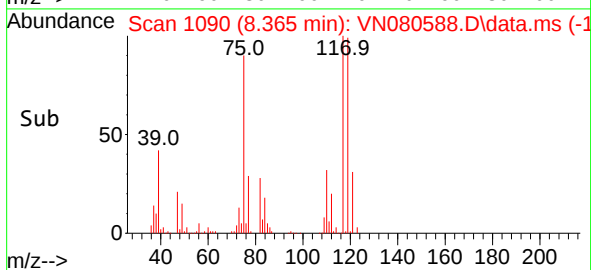
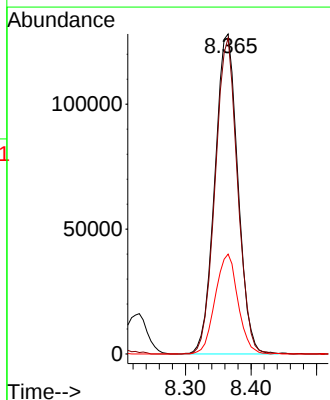
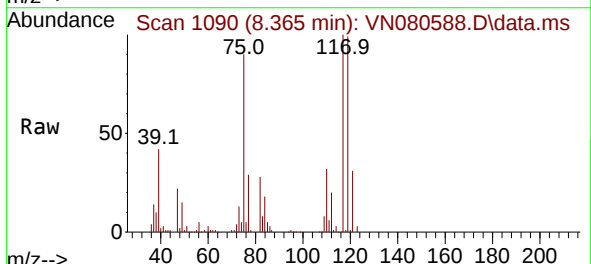
Manual Integrations
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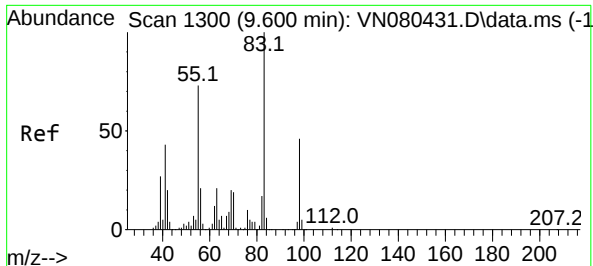
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#38
Carbon Tetrachloride
Concen: 44.049 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Tgt Ion:117 Resp: 312233
Ion Ratio Lower Upper
117 100
119 98.8 77.3 115.9
121 31.2 23.3 34.9





#39

Methylcyclohexane

Concen: 45.779 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080588.D

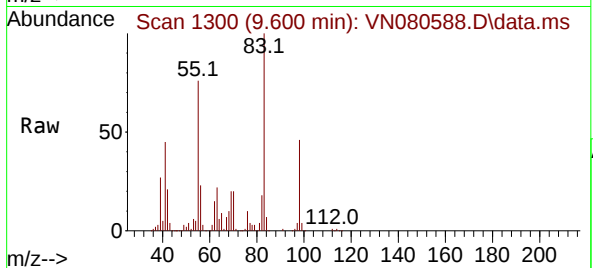
Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD



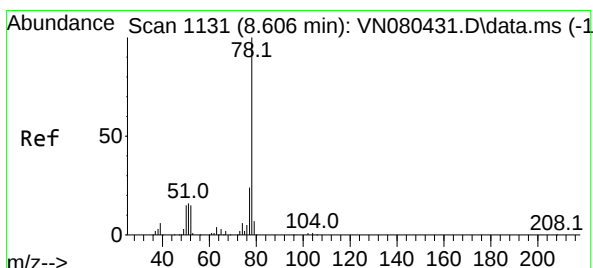
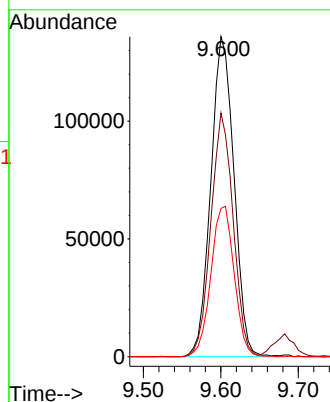
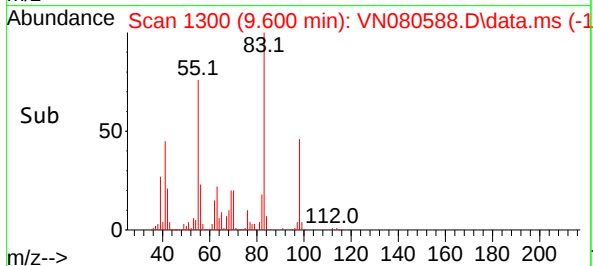
Tgt Ion:	83	Resp:	282119
Ion Ratio	Lower	Upper	
83	100		
55	76.1	49.1	73.7
98	46.3	40.6	61.0

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#40

Benzene

Concen: 52.473 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080588.D

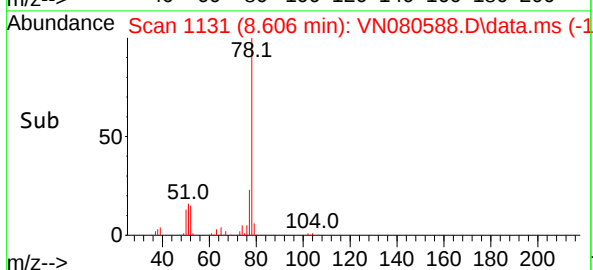
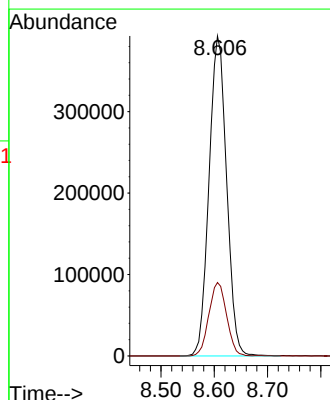
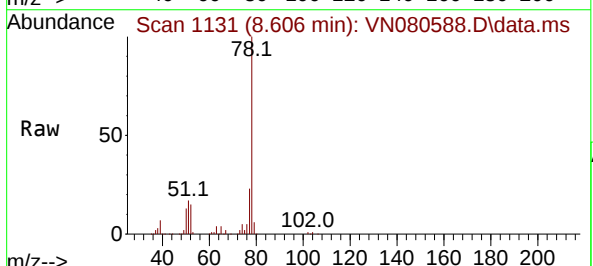
Acq: 21 Dec 2023 20:59

Tgt Ion: 78 Resp: 898854

Ion Ratio Lower Upper

78 100

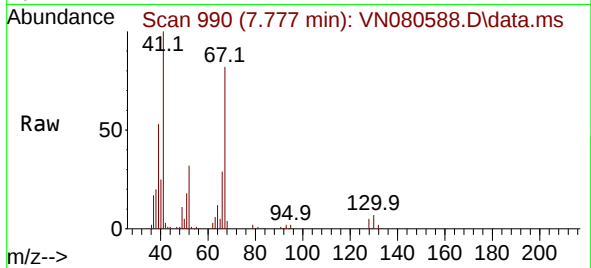
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 61.908 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

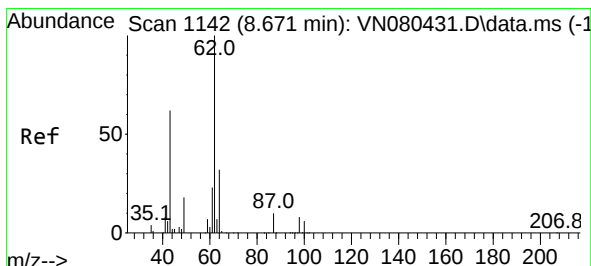
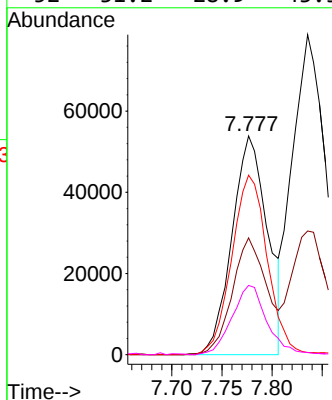
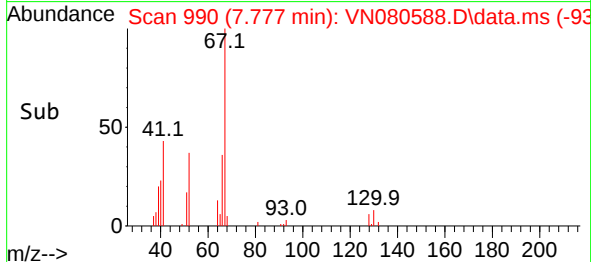
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



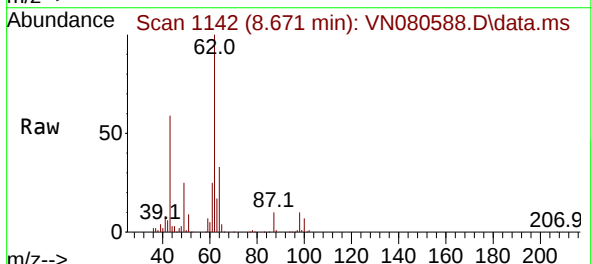
Tgt Ion: 41 Resp: 132580
Ion Ratio Lower Upper
41 100
39 52.0 42.6 64.0
67 82.8 77.5 116.3
52 31.2 28.9 43.3

Manual Integrations
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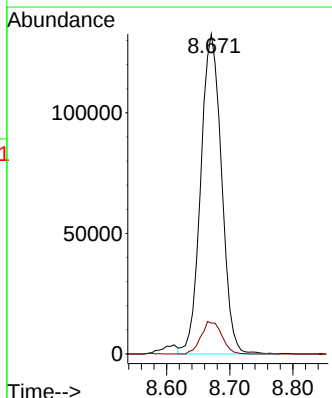
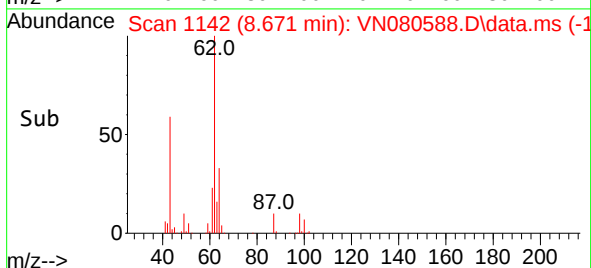
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

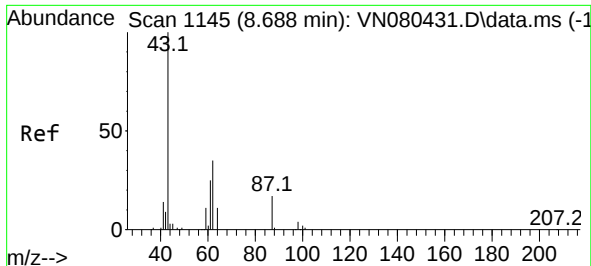


#42
1,2-Dichloroethane
Concen: 47.814 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



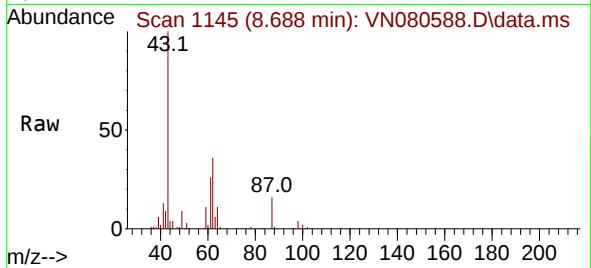
Tgt Ion: 62 Resp: 303303
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 58.649 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

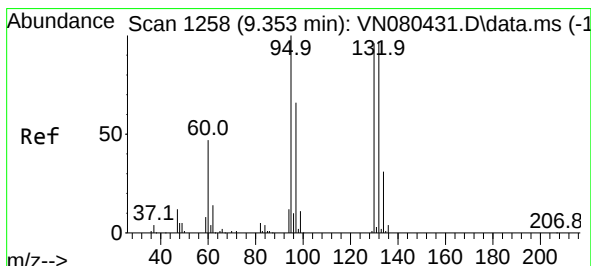
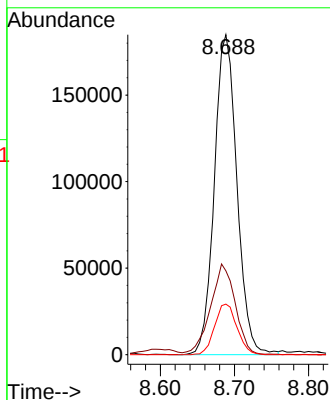
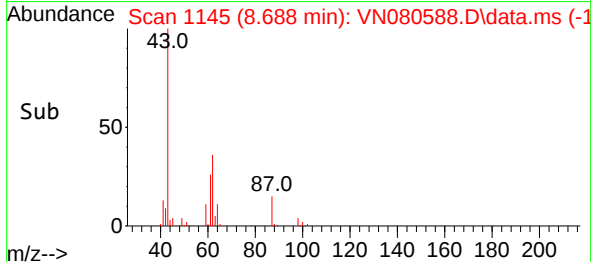
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



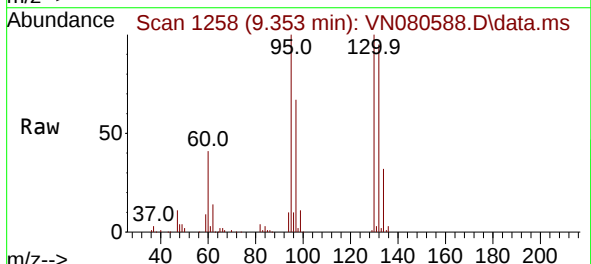
Tgt Ion: 43 Resp: 391728
Ion Ratio Lower Upper
43 100
61 31.2 24.7 37.1
87 15.6 14.6 21.8

Manual Integrations
APPROVED

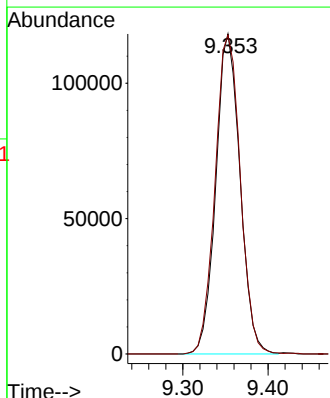
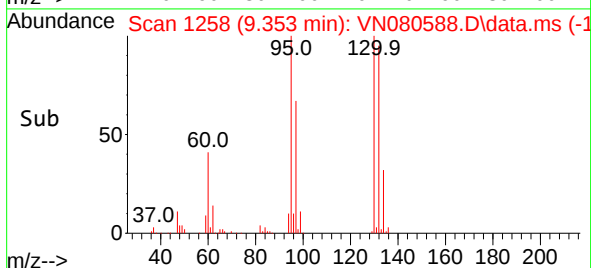
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

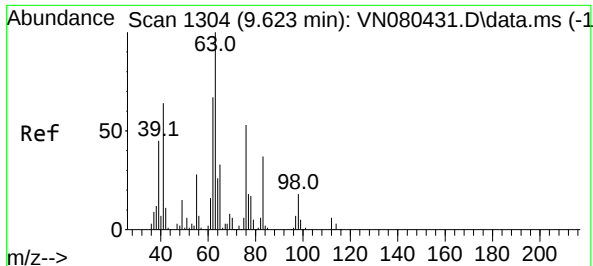


#44
Trichloroethene
Concen: 50.619 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion:130 Resp: 233761
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.855 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

Tgt Ion: 63 Resp: 22472

Ion Ratio Lower Upper

63 100

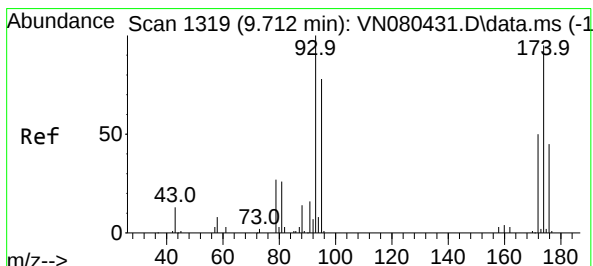
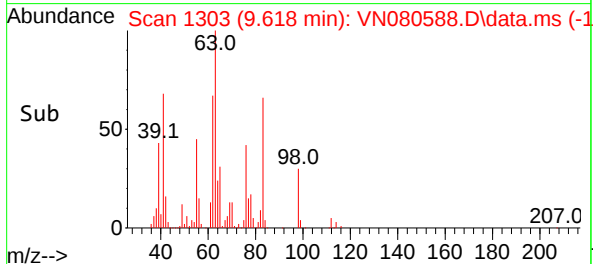
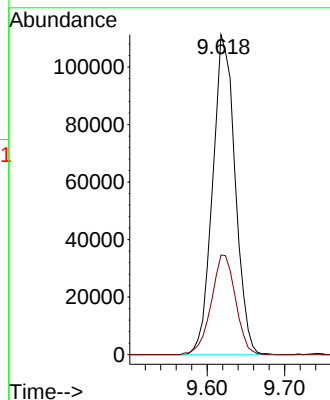
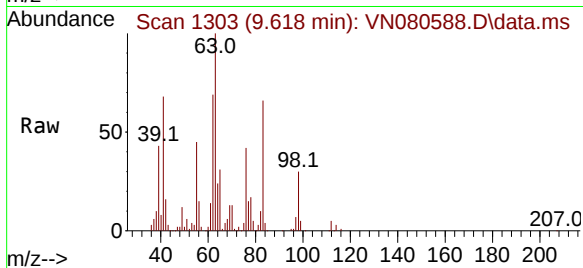
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#46

Dibromomethane

Concen: 51.348 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

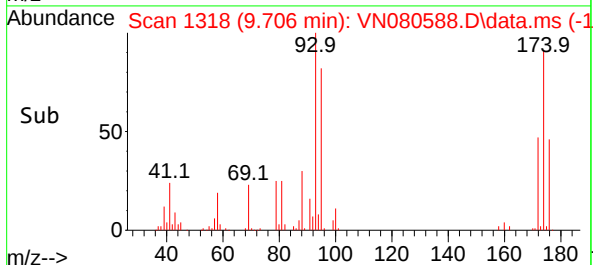
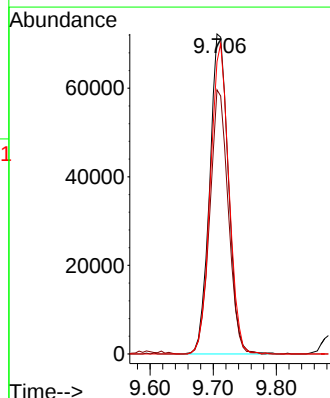
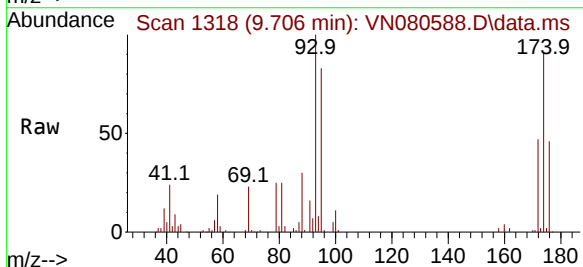
Tgt Ion: 93 Resp: 148359

Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

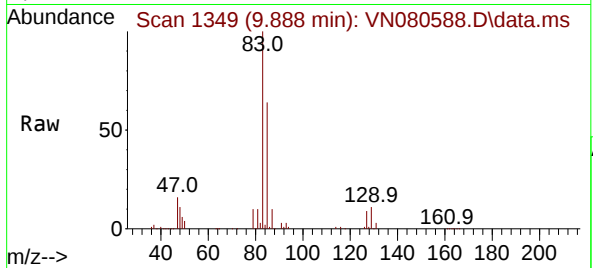
174 96.0 65.6 98.4





#47
Bromodichloromethane
Concen: 51.630 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

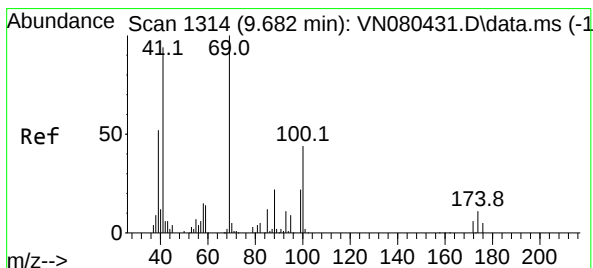
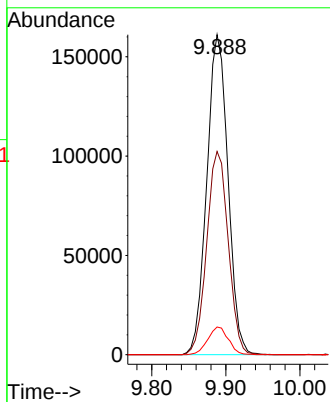
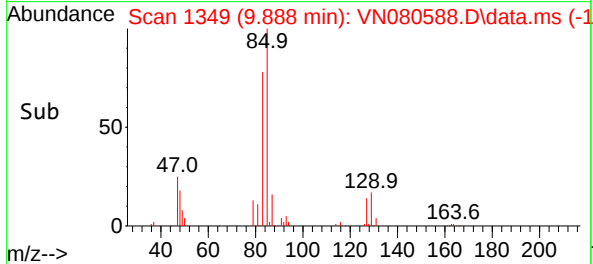
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



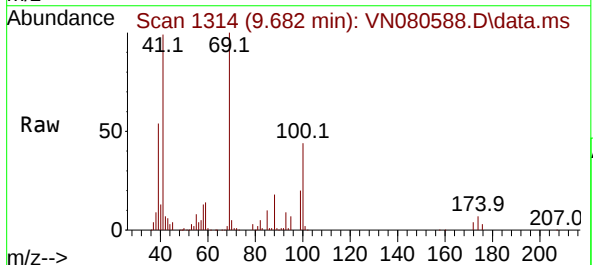
Tgt Ion: 83 Resp: 319708
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 8.6 7.0 10.6

Manual Integrations
APPROVED

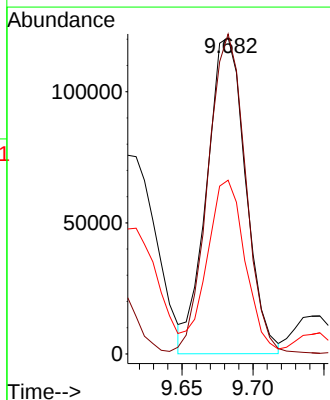
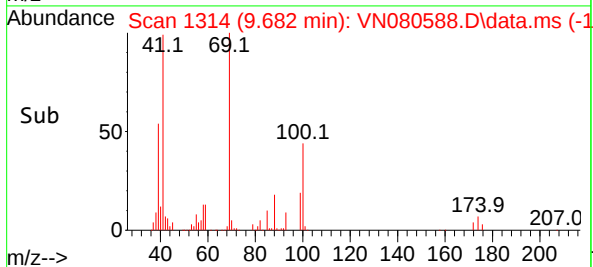
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

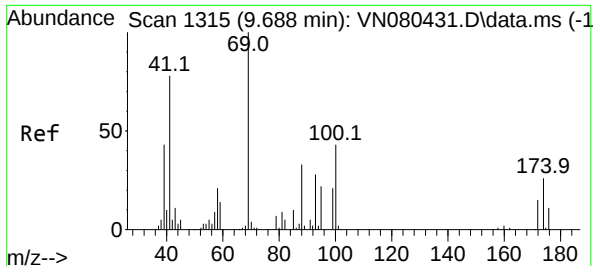


#48
Methyl methacrylate
Concen: 57.566 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion: 41 Resp: 229448
Ion Ratio Lower Upper
41 100
69 98.0 90.4 135.6
39 54.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1076.283 ug/l

RT: 9.694 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

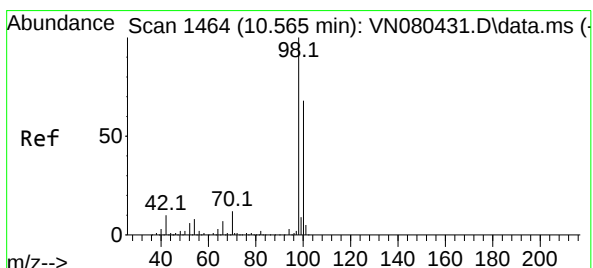
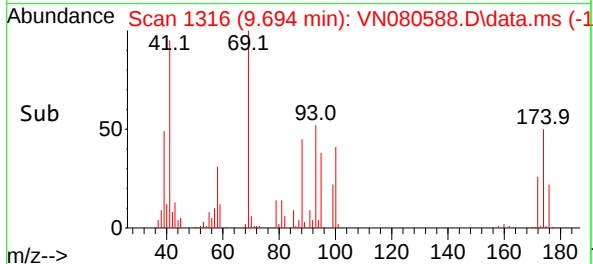
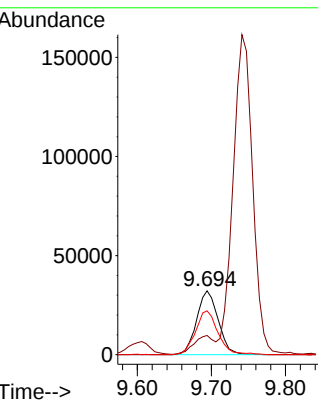
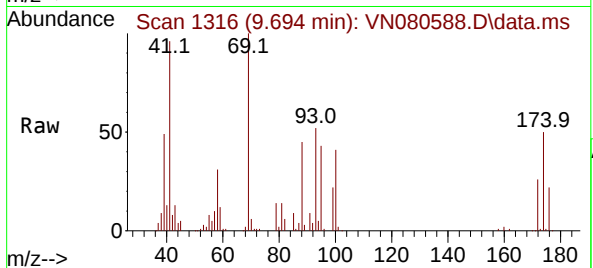
Tgt Ion: 88 Resp: 65023
 Ion Ratio Lower Upper
 88 100
 43 27.8 17.0 25.6
 58 71.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#50

Toluene-d8

Concen: 46.738 ug/l

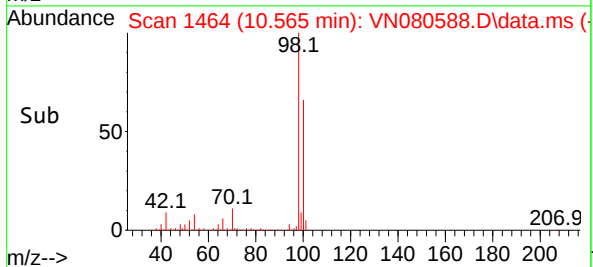
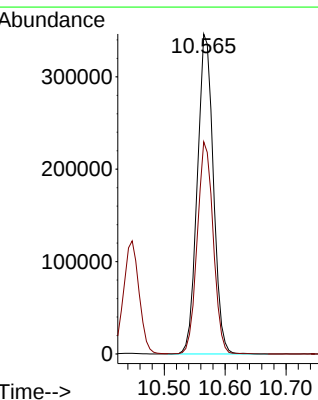
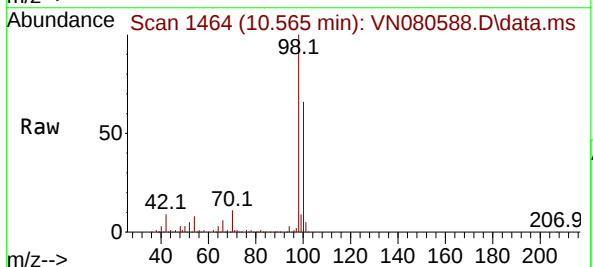
RT: 10.565 min Scan# 1464

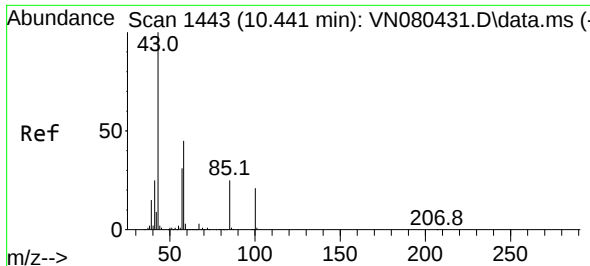
Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

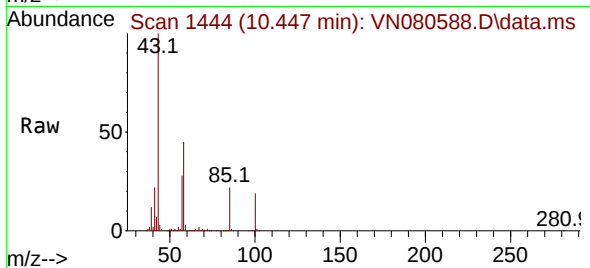
Tgt Ion: 98 Resp: 632407
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 308.671 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

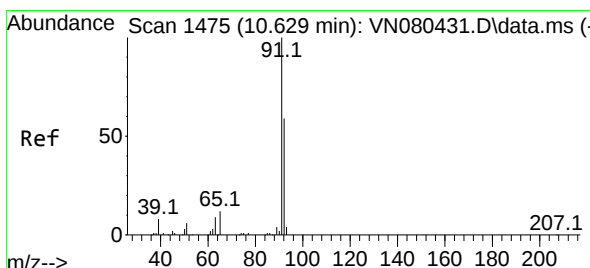
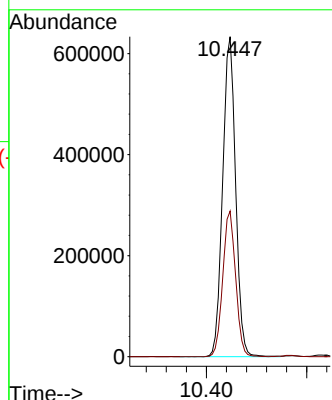
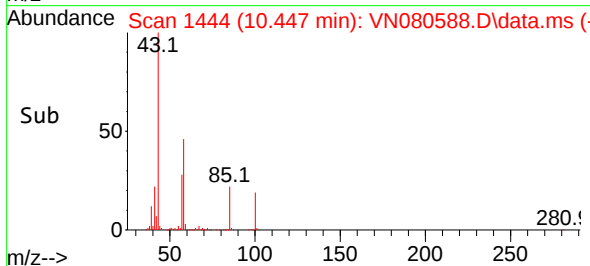
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



Tgt Ion: 43 Resp: 1135440
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8

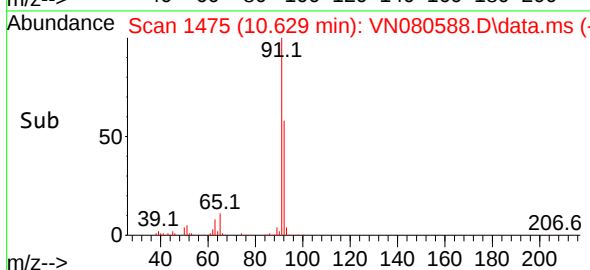
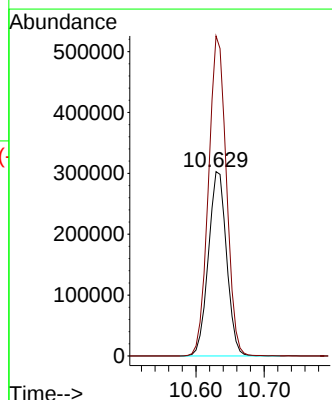
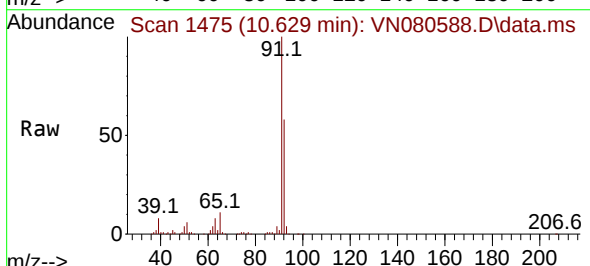
Manual Integrations
APPROVED

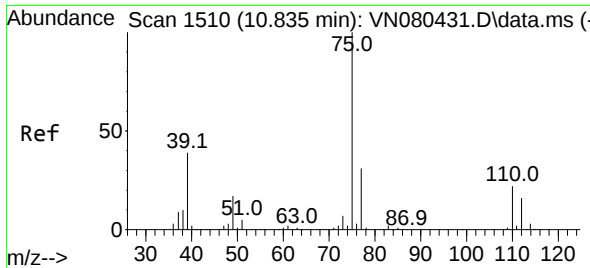
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#52
Toluene
Concen: 51.886 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

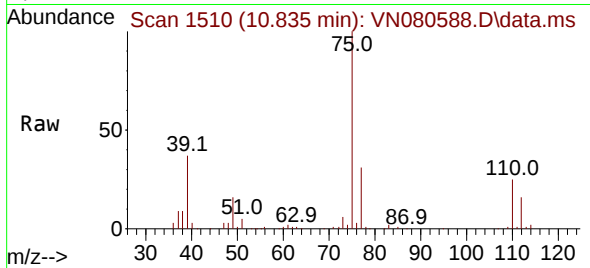
Tgt Ion: 92 Resp: 561482
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 47.273 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

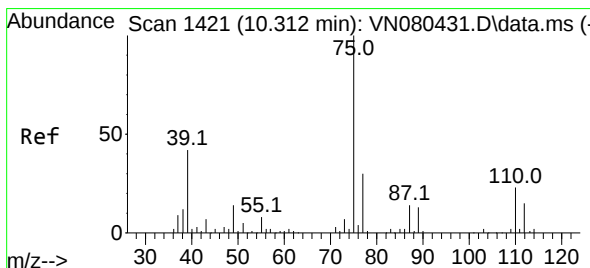
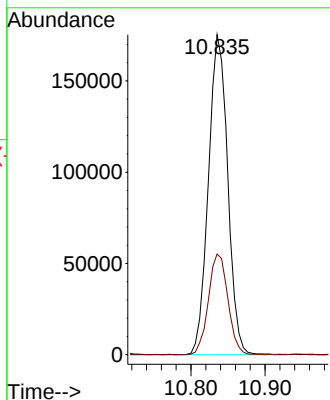
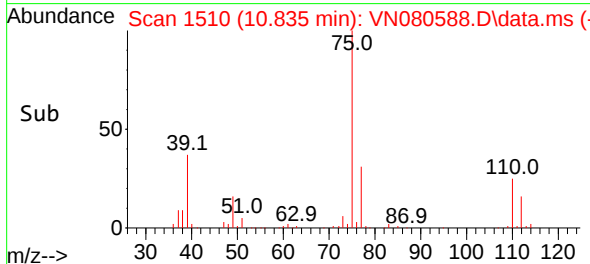
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



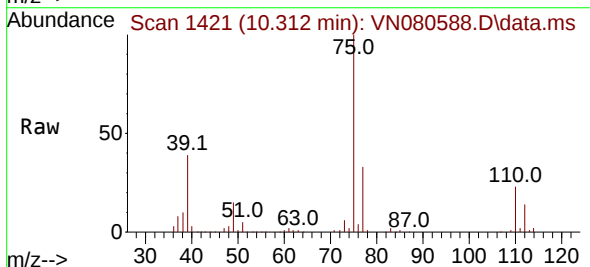
Tgt Ion: 75 Resp: 316719
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
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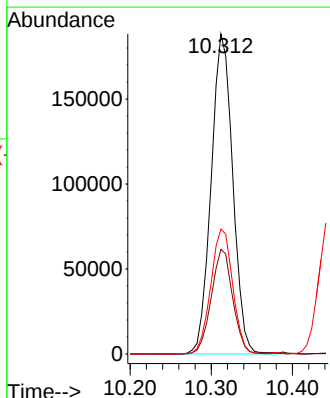
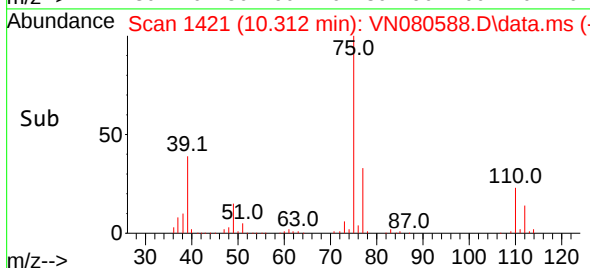
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

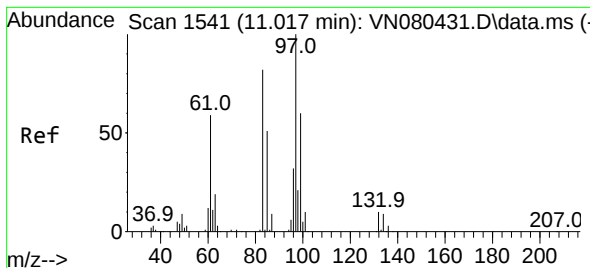


#54
cis-1,3-Dichloropropene
Concen: 48.564 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



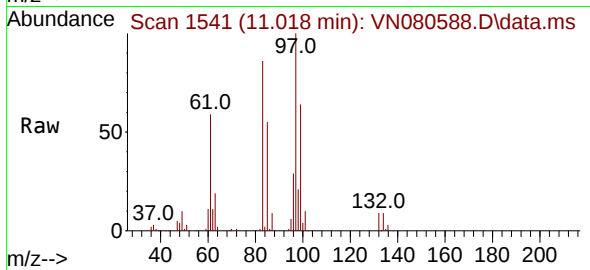
Tgt Ion: 75 Resp: 347765
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
39 38.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.193 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

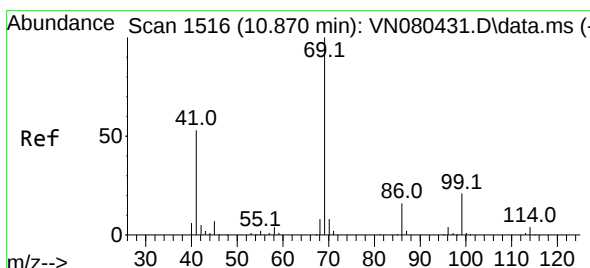
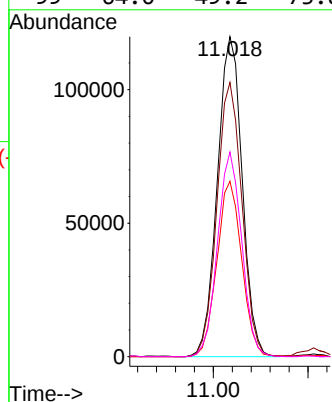
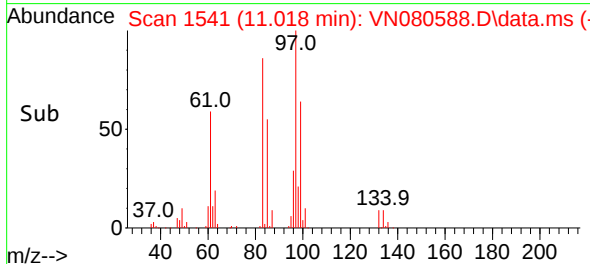
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



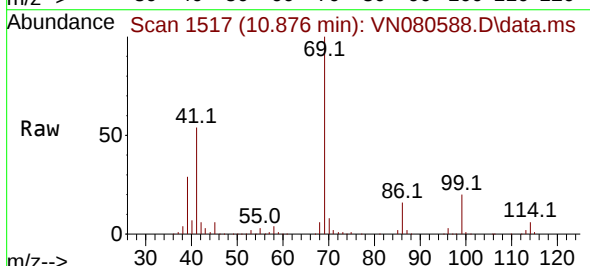
Tgt Ion:	97	Resp:	21880
Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.1	97.7
85	54.8	43.4	65.2
99	64.0	49.2	73.8

Manual Integrations
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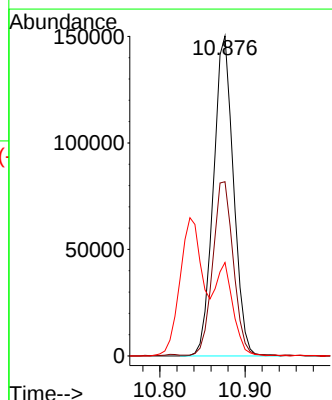
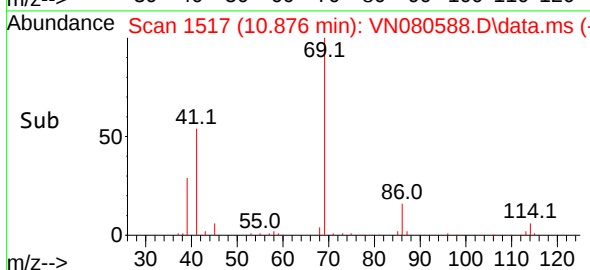
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

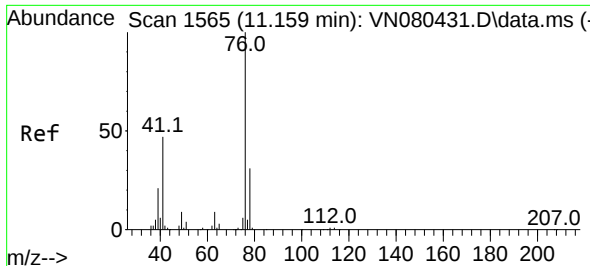


#56
Ethyl methacrylate
Concen: 57.031 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion:	69	Resp:	245859
Ion	Ratio	Lower	Upper
69	100		
41	55.6	39.6	59.4
39	25.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 55.839 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

Tgt Ion: 76 Resp: 38115

Ion Ratio Lower Upper

76 100

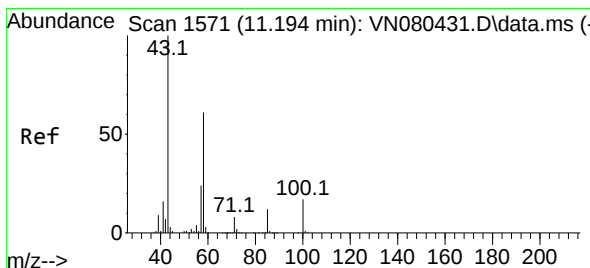
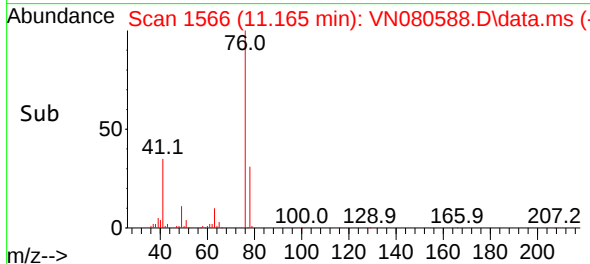
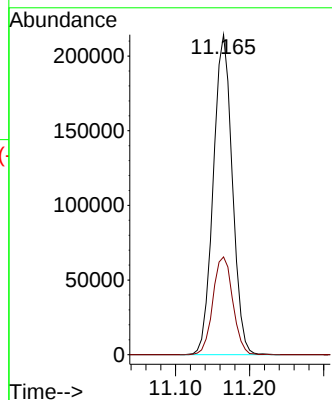
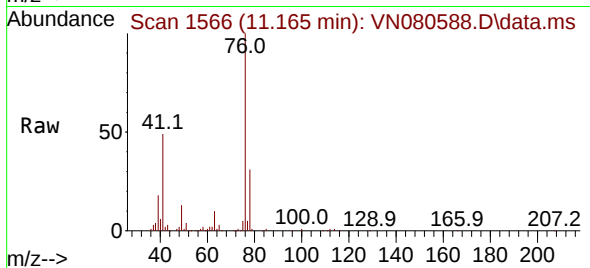
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#59

2-Hexanone

Concen: 302.872 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN080588.D

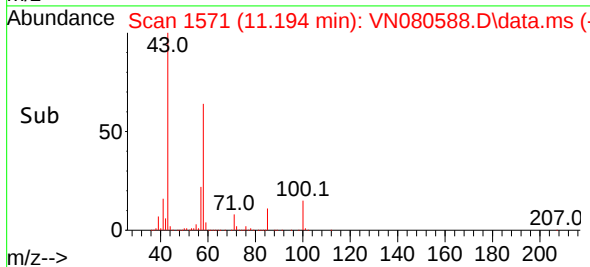
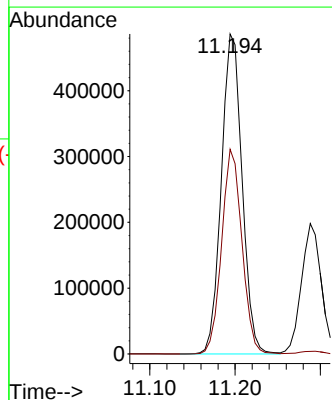
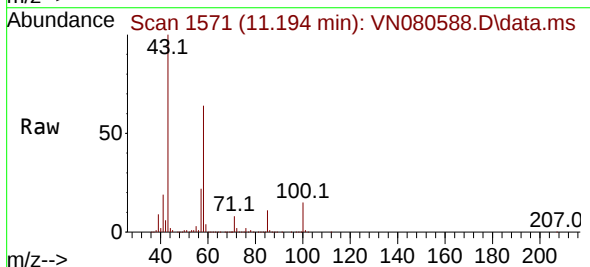
Acq: 21 Dec 2023 20:59

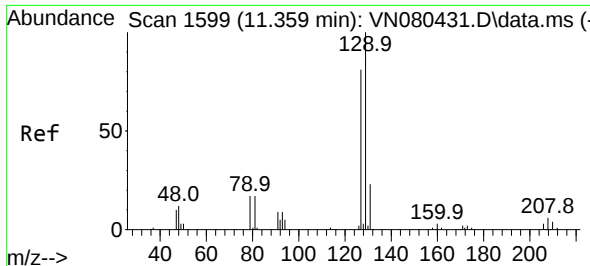
Tgt Ion: 43 Resp: 822491

Ion Ratio Lower Upper

43 100

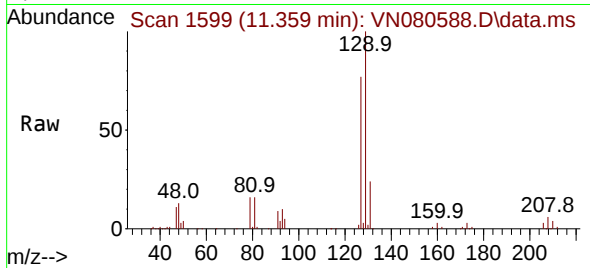
58 62.5 31.7 95.1





#60
Dibromochloromethane
Concen: 50.809 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

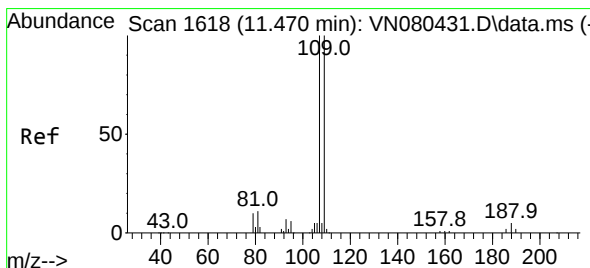
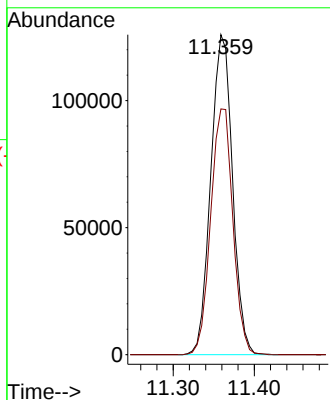
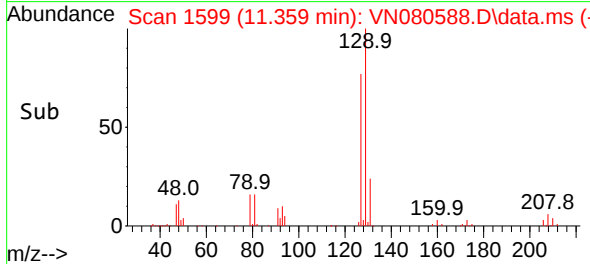
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



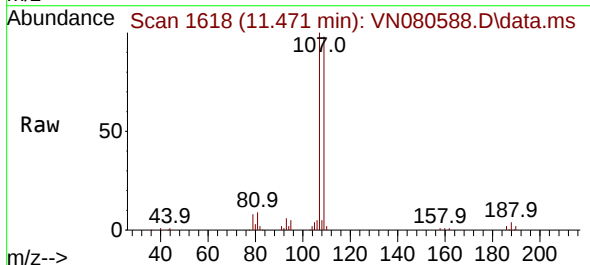
Tgt Ion:129 Resp: 234434
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

Manual Integrations
APPROVED

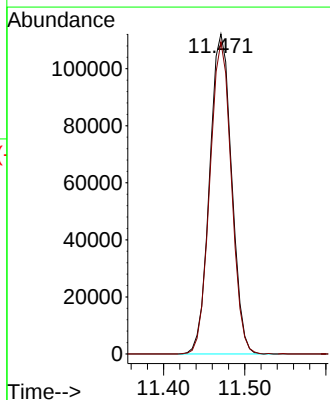
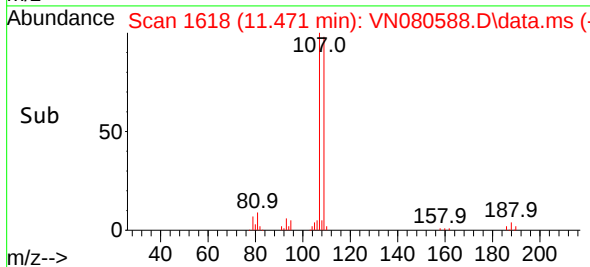
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

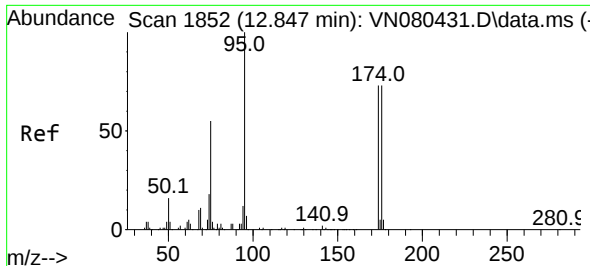


#61
1,2-Dibromoethane
Concen: 52.431 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



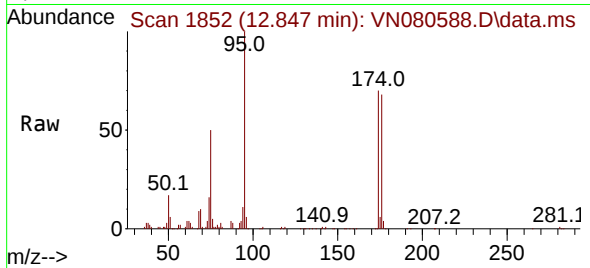
Tgt Ion:107 Resp: 211297
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 44.894 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

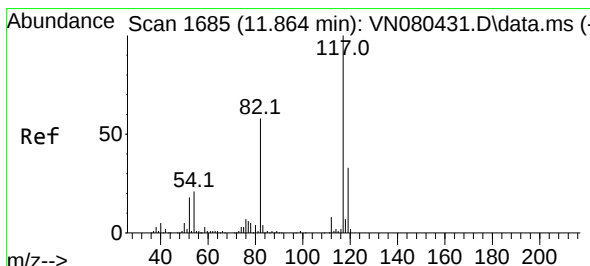
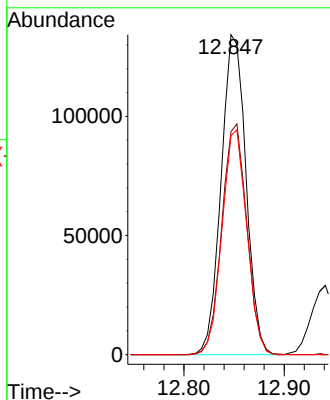
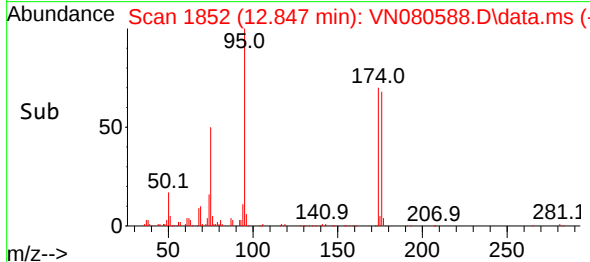
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



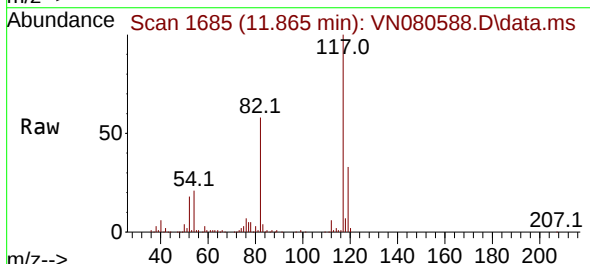
Tgt Ion: 95 Resp: 230660
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 70.3 0.0 135.8

Manual Integrations
APPROVED

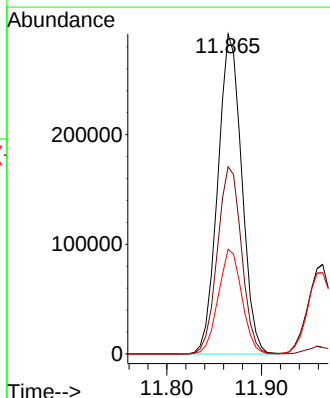
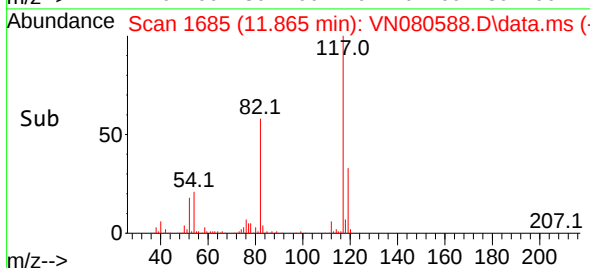
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

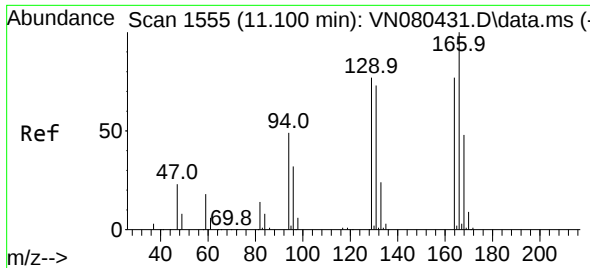


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



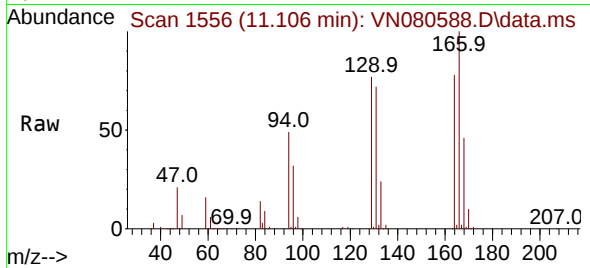
Tgt Ion:117 Resp: 512174
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 32.8 25.6 38.4





#64
Tetrachloroethene
Concen: 47.861 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

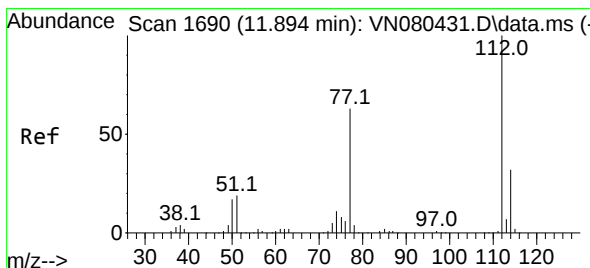
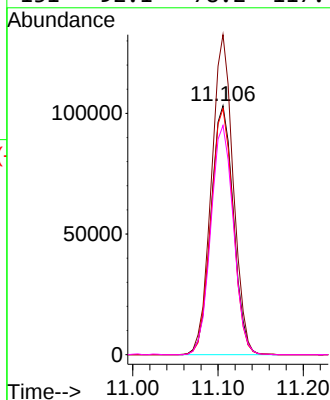
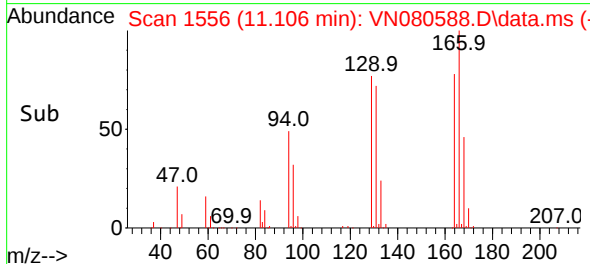
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



Tgt Ion:164 Resp: 189264
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 98.8 82.4 123.6
131 92.1 78.2 117.4

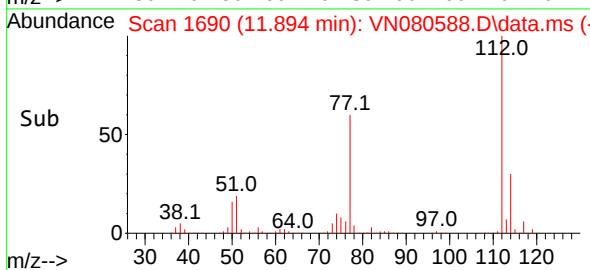
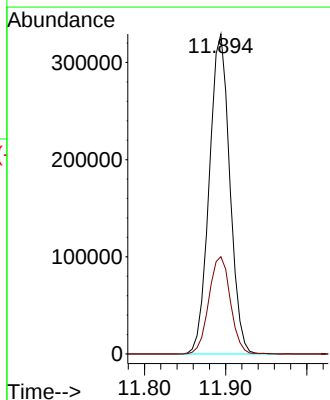
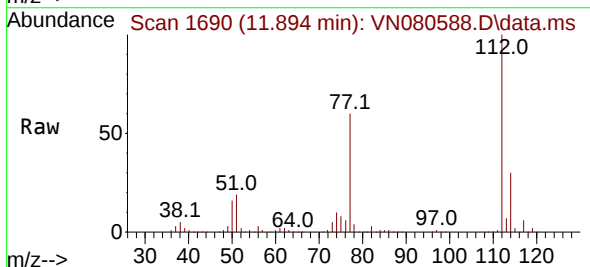
Manual Integrations
APPROVED

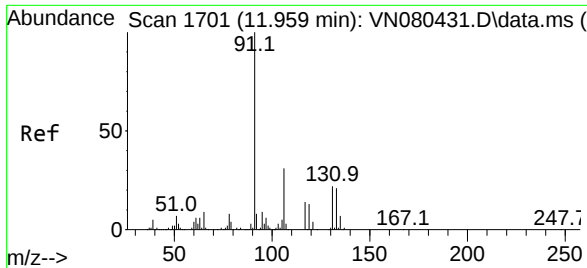
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#65
Chlorobenzene
Concen: 50.697 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

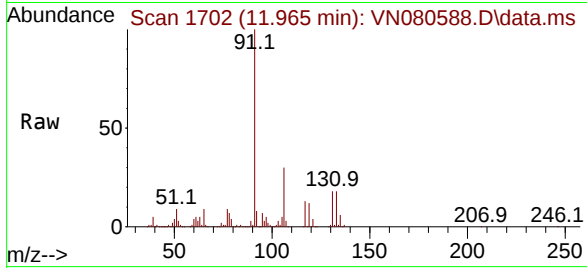
Tgt Ion:112 Resp: 577615
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 47.345 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

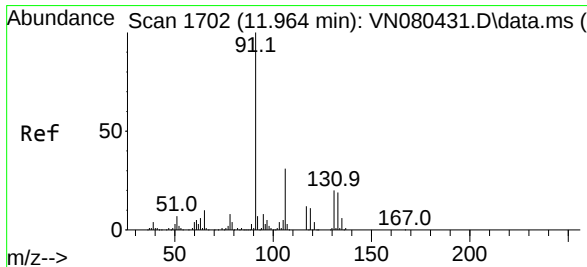
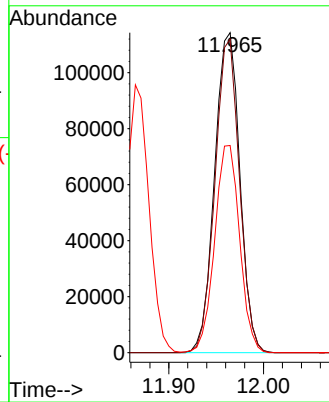
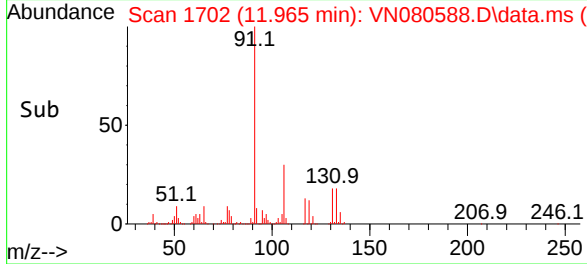
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



Tgt Ion:131 Resp: 21166
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 64.2 34.1 102.2

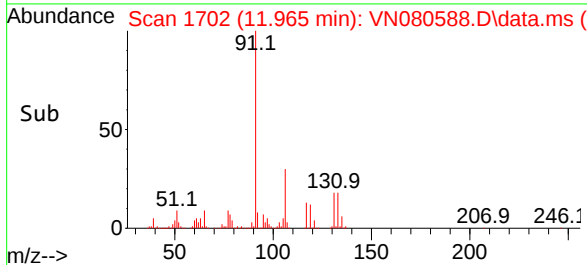
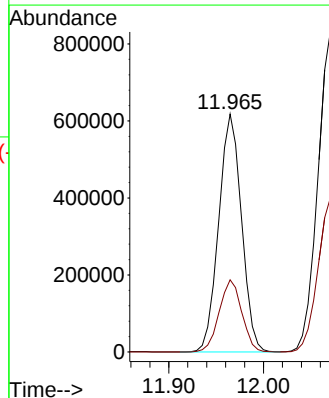
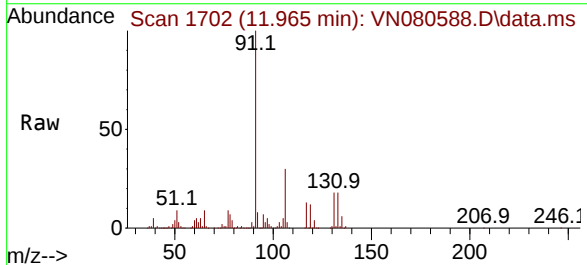
Manual Integrations
APPROVED

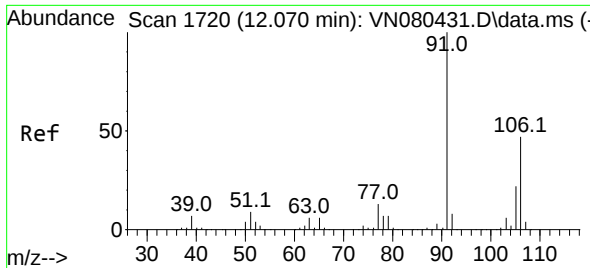
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#67
Ethyl Benzene
Concen: 49.392 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Tgt Ion: 91 Resp: 1034746
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4





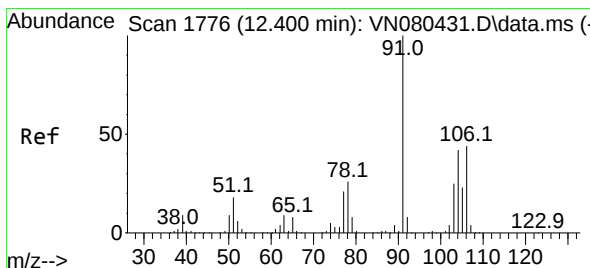
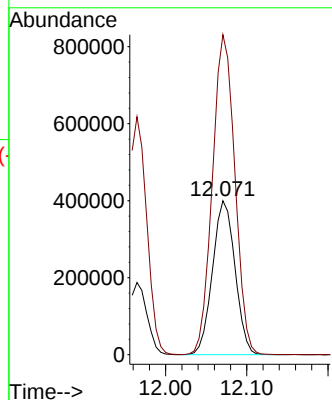
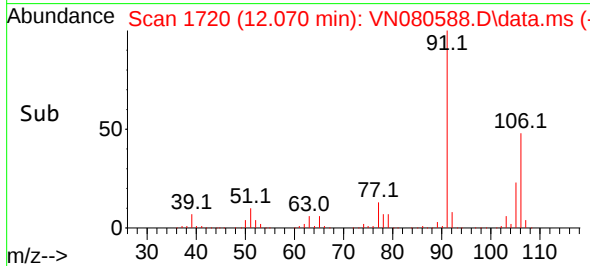
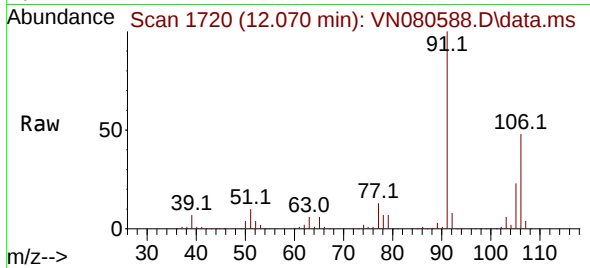
#68
m/p-Xylenes
Concen: 99.610 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD

Tgt Ion:106 Resp: 771114
Ion Ratio Lower Upper
106 100
91 207.5 159.6 239.4

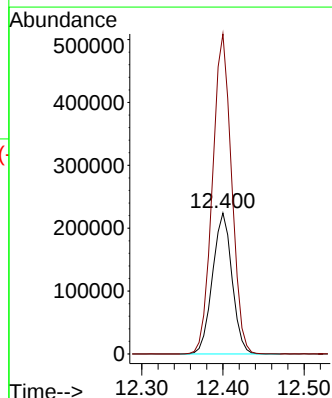
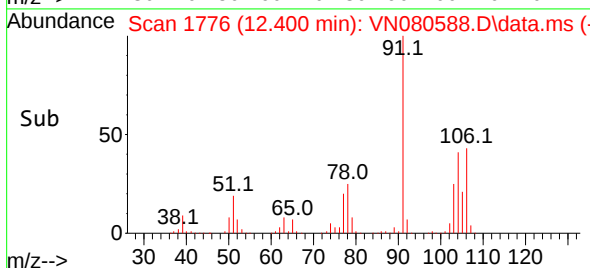
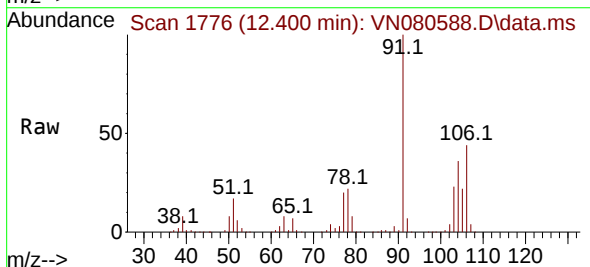
Manual Integrations
APPROVED

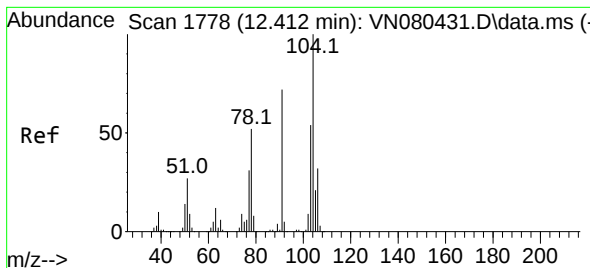
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#69
o-Xylene
Concen: 49.328 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Tgt Ion:106 Resp: 373507
Ion Ratio Lower Upper
106 100
91 222.9 105.2 315.5





#70

Styrene

Concen: 51.512 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

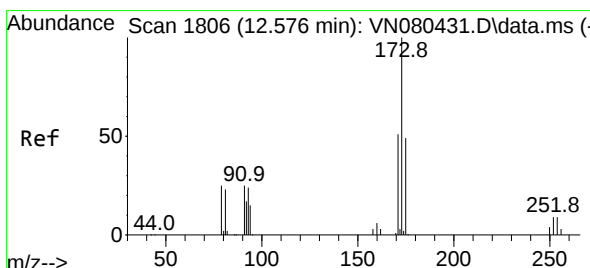
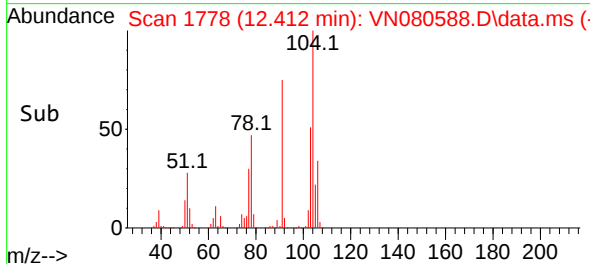
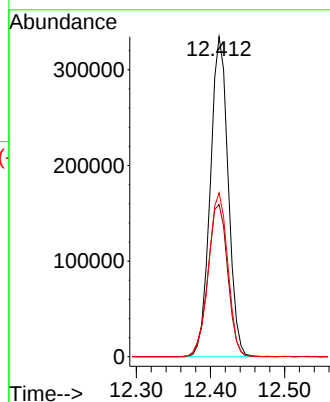
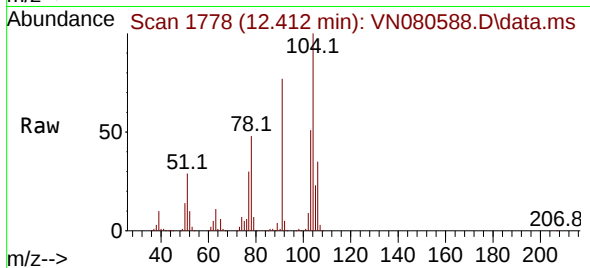
Tgt Ion:	104	Resp:	56183
Ion Ratio	Lower	Upper	
104	100		
78	52.6	39.5	59.3
103	55.0	43.2	64.8

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#71

Bromoform

Concen: 44.410 ug/l

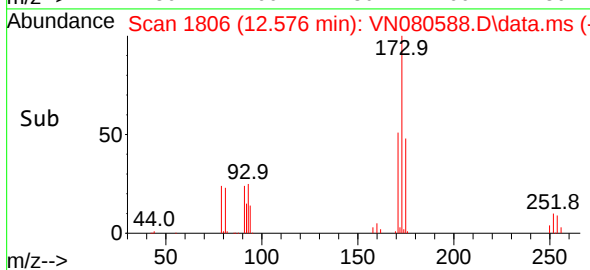
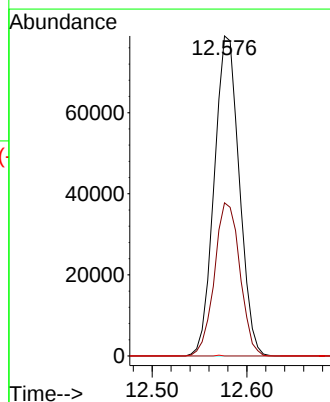
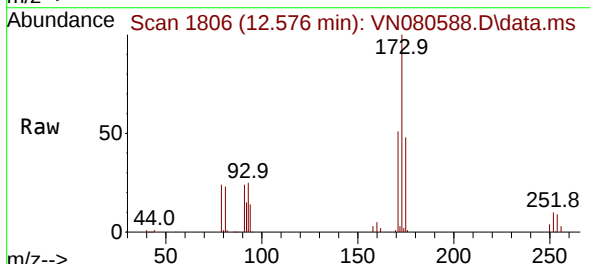
RT: 12.576 min Scan# 1806

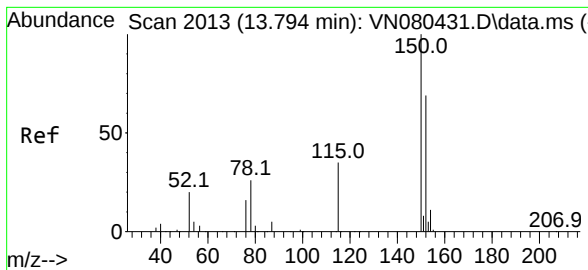
Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

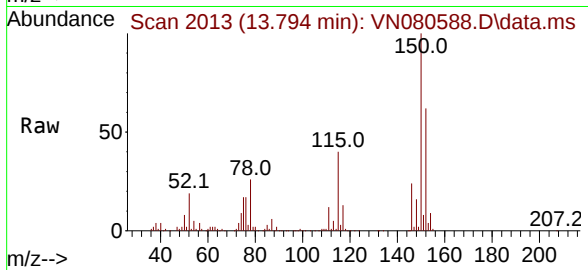
Tgt Ion:	173	Resp:	144783
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.3	73.0
254	0.1	0.0	0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

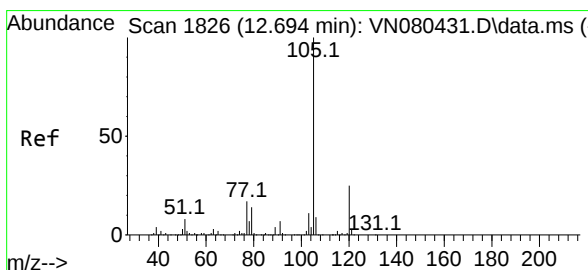
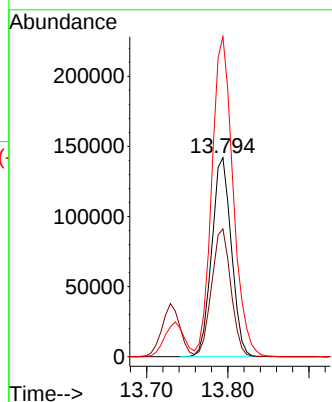
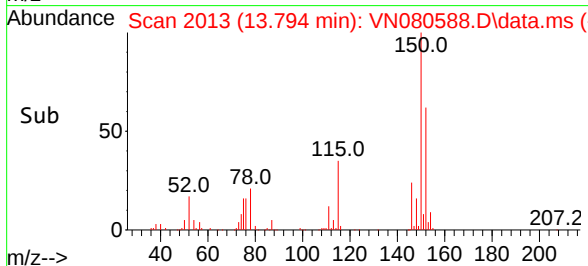
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



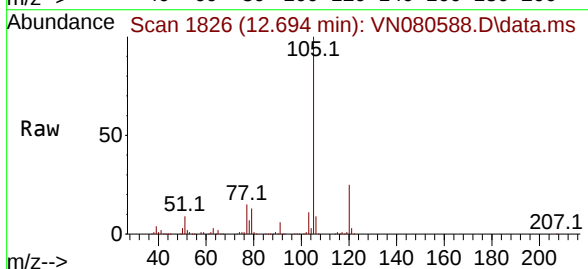
Tgt Ion:152 Resp: 237792
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 174.2 0.0 355.8

Manual Integrations
APPROVED

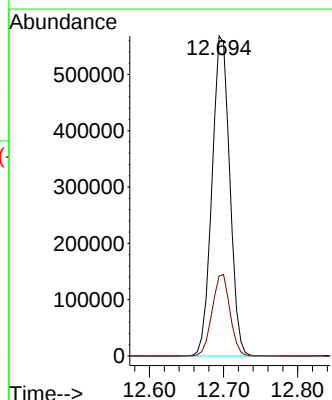
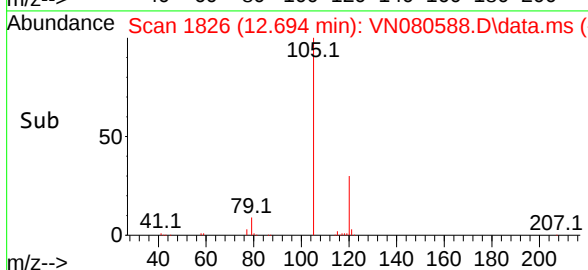
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

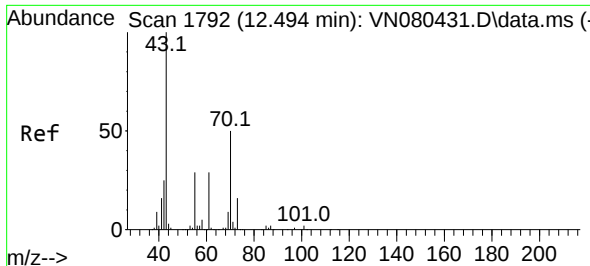


#73
Isopropylbenzene
Concen: 49.407 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



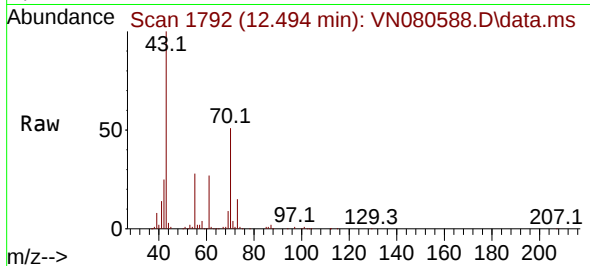
Tgt Ion:105 Resp: 943792
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1





#74
N-amy1 acetate
Concen: 59.127 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

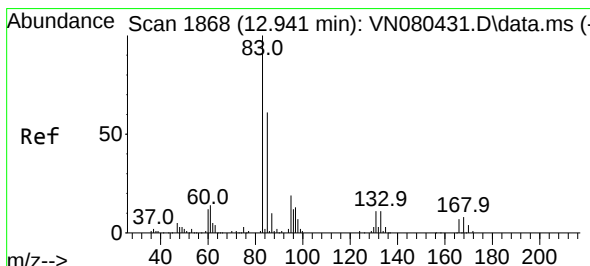
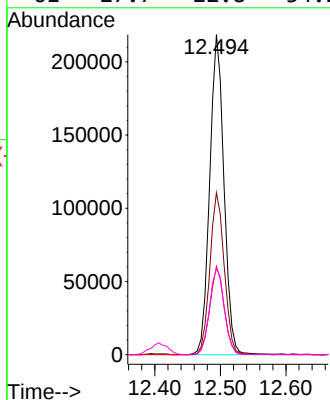
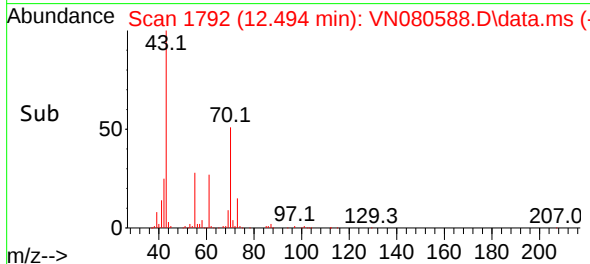
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



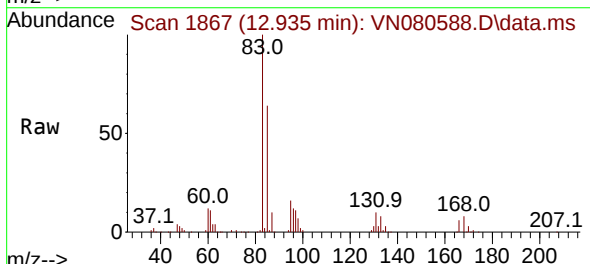
Tgt Ion: 43 Resp: 329823
Ion Ratio Lower Upper
43 100
70 51.1 43.4 65.2
55 27.8 21.4 32.0
61 27.7 22.8 34.2

Manual Integrations
APPROVED

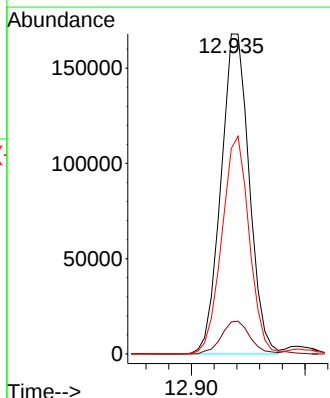
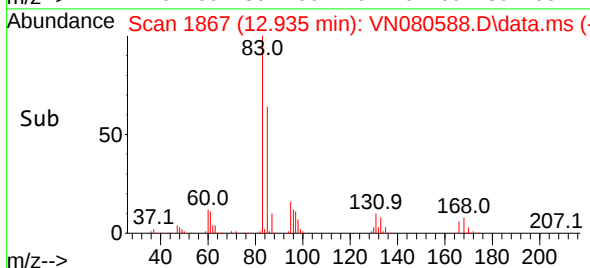
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

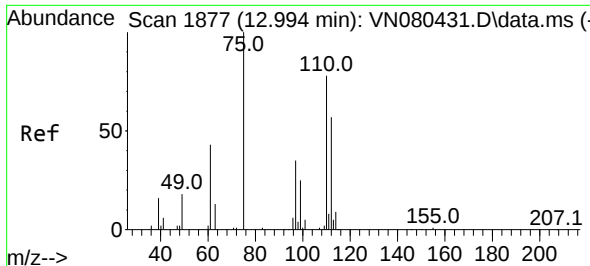


#75
1,1,2,2-Tetrachloroethane
Concen: 56.655 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



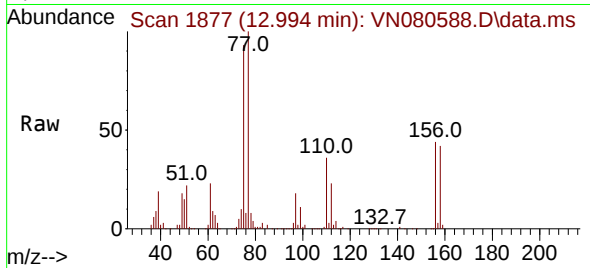
Tgt Ion: 83 Resp: 290004
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.8 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 51.501 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

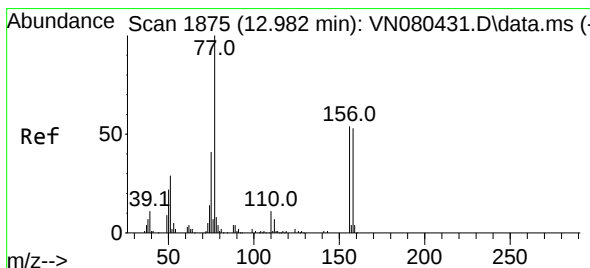
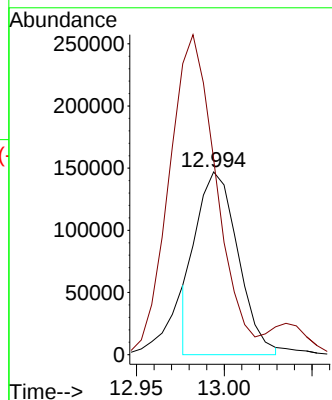
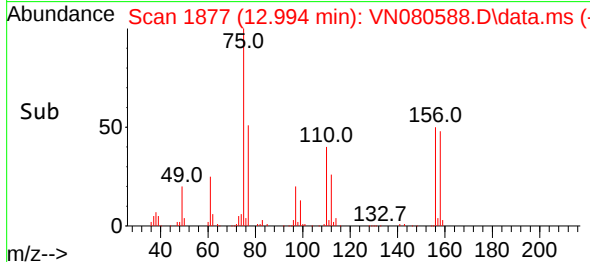
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



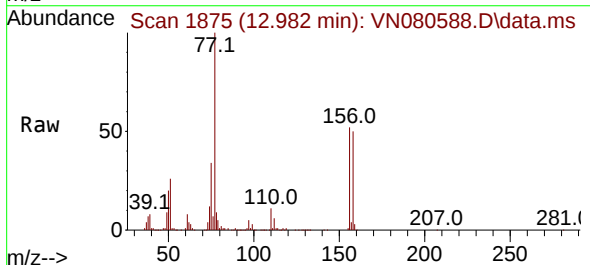
Tgt Ion: 75 Resp: 24431
Ion Ratio Lower Upper
75 100
77 197.1 84.5 253.5

Manual Integrations
APPROVED

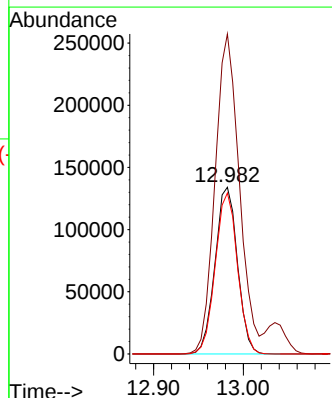
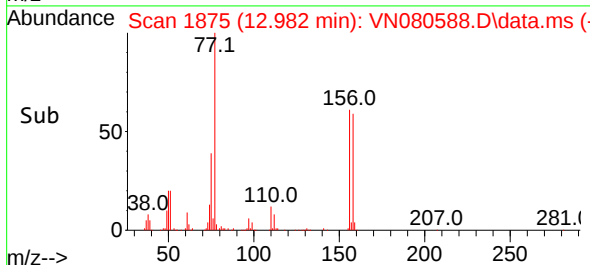
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

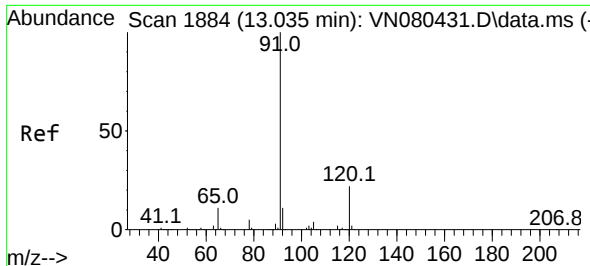


#77
Bromobenzene
Concen: 49.470 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



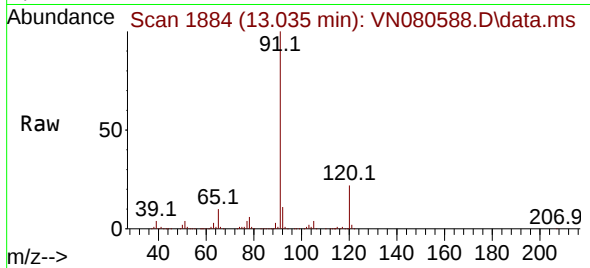
Tgt Ion:156 Resp: 232468
Ion Ratio Lower Upper
156 100
77 207.2 107.7 323.3
158 95.8 48.4 145.3





#78
n-propylbenzene
Concen: 51.166 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

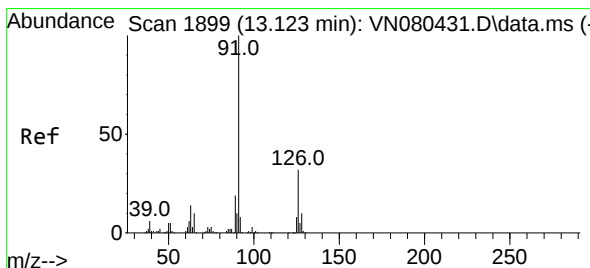
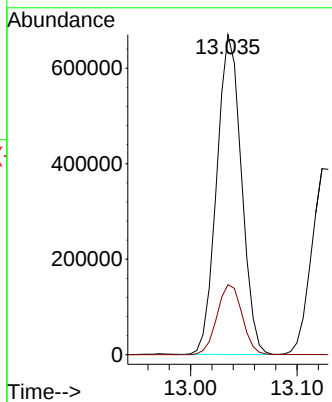
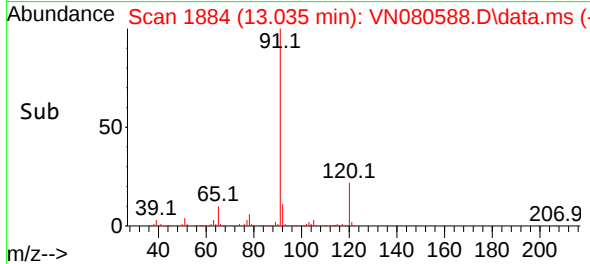
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



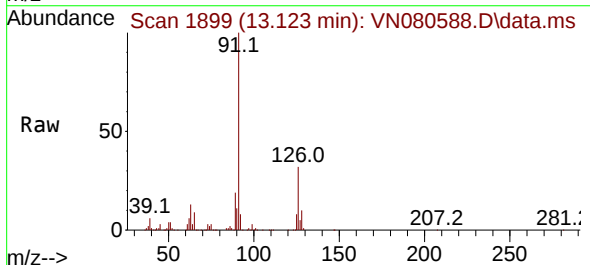
Tgt Ion: 91 Resp: 1077630
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4

Manual Integrations
APPROVED

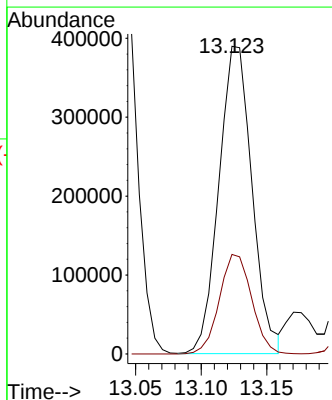
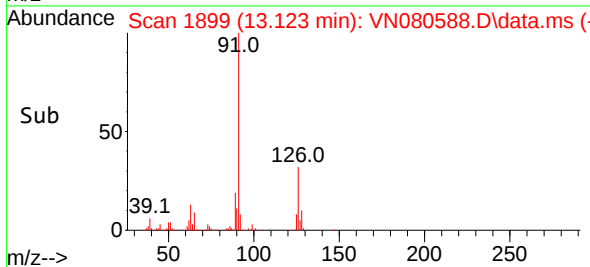
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

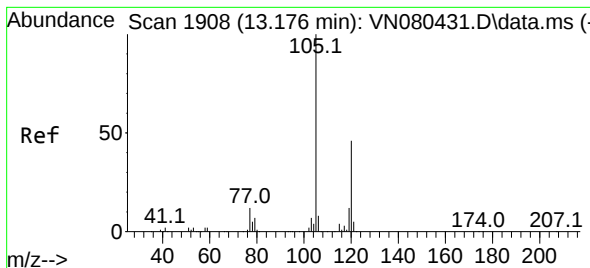


#79
2-Chlorotoluene
Concen: 49.811 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



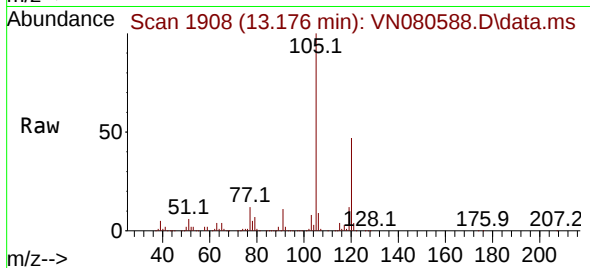
Tgt Ion: 91 Resp: 684919
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 49.142 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

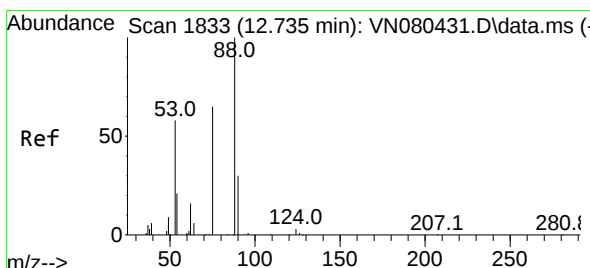
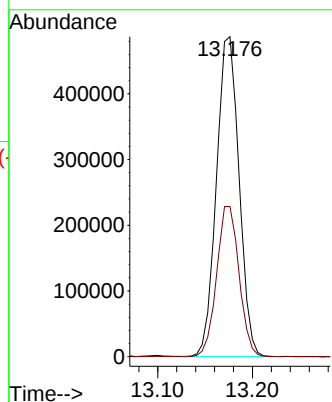
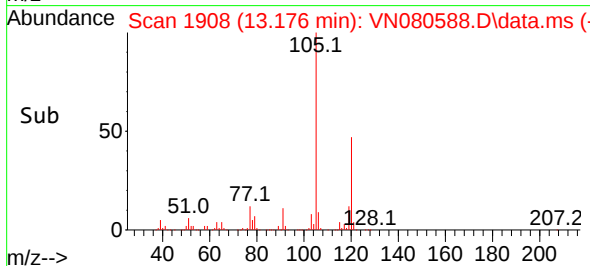
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



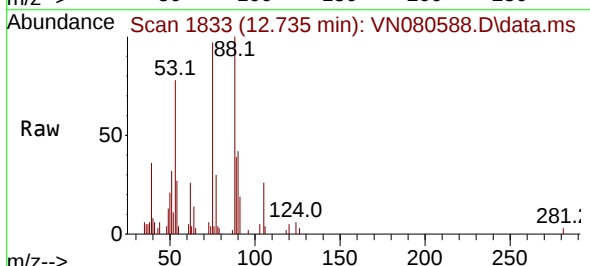
Tgt Ion:105 Resp: 80847
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3

Manual Integrations
APPROVED

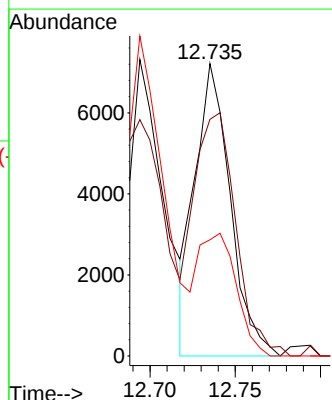
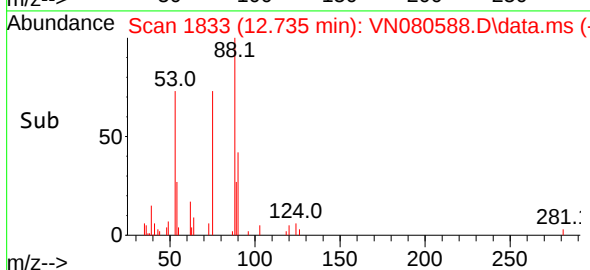
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

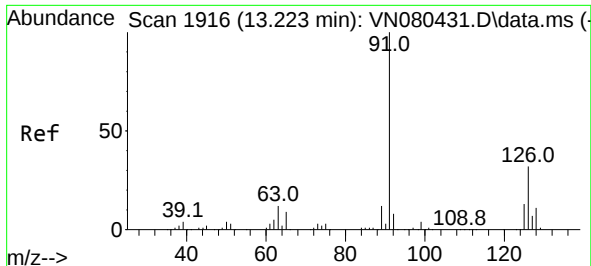


#81
trans-1,4-Dichloro-2-butene
Concen: 5.767 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion: 75 Resp: 10420
Ion Ratio Lower Upper
75 100
53 98.6 67.4 101.2
89 44.5 38.8 58.2





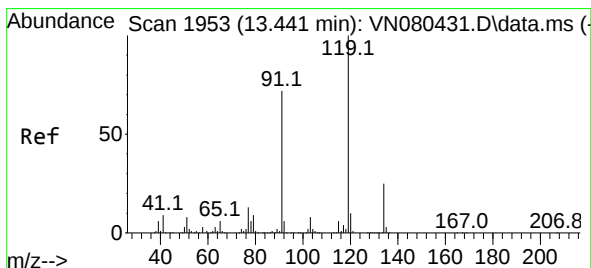
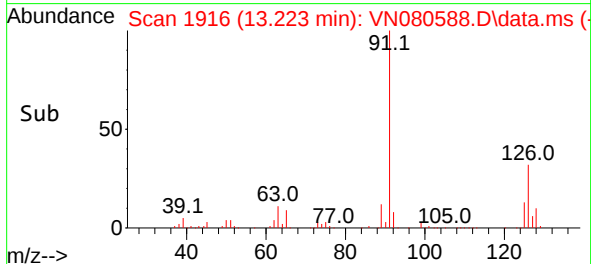
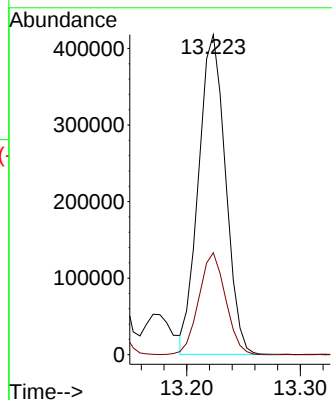
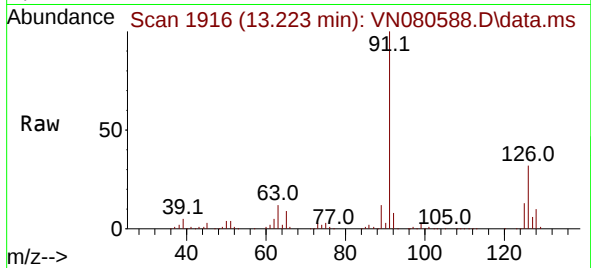
#82
4-Chlorotoluene
Concen: 48.842 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD

Tgt Ion: 91 Resp: 690302
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.0

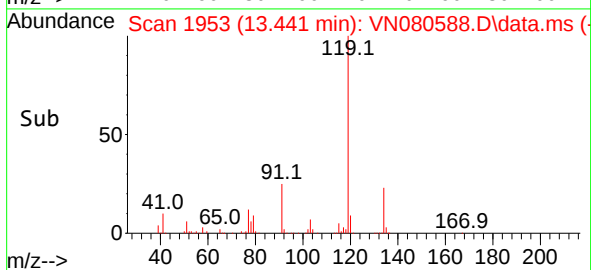
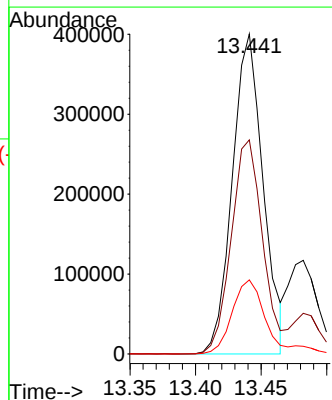
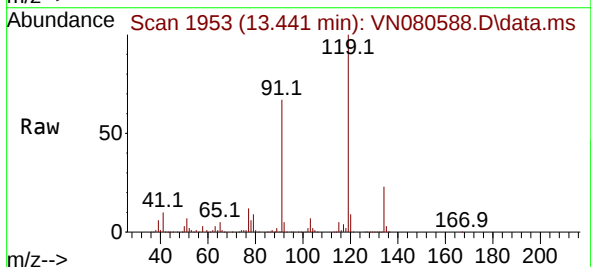
Manual Integrations
APPROVED

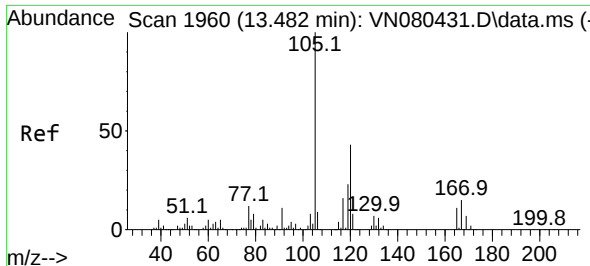
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#83
tert-Butylbenzene
Concen: 48.548 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

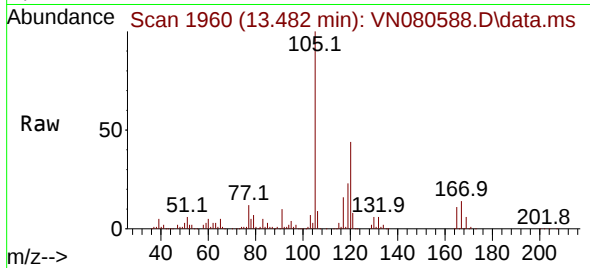
Tgt Ion:119 Resp: 654114
Ion Ratio Lower Upper
119 100
91 69.4 33.9 101.7
134 25.8 13.2 39.6





#84
1,2,4-Trimethylbenzene
Concen: 50.070 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

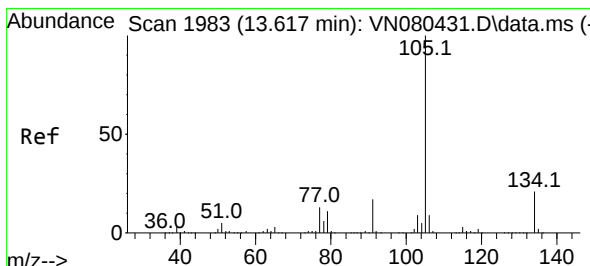
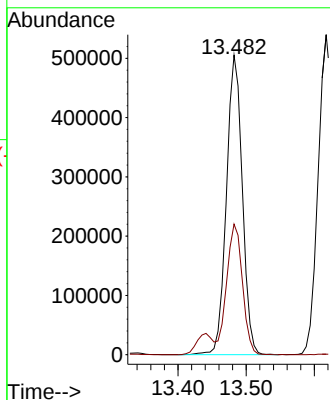
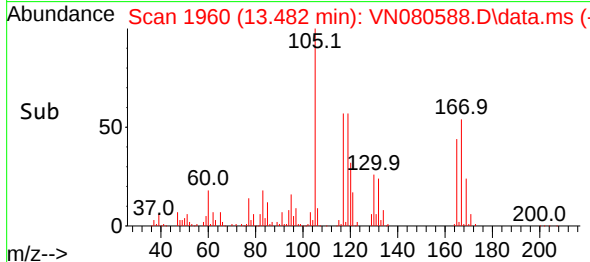
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



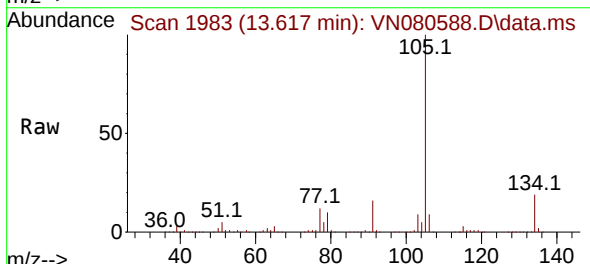
Tgt Ion:105 Resp: 819480
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0

Manual Integrations
APPROVED

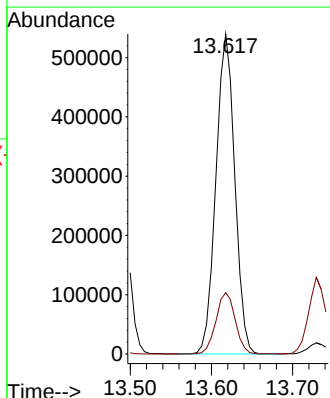
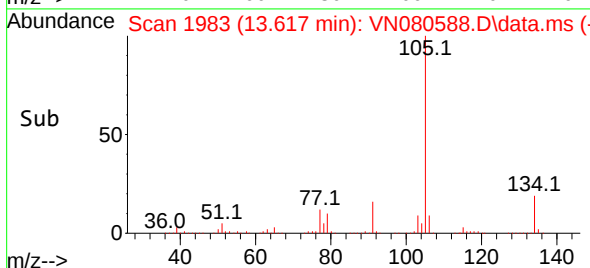
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

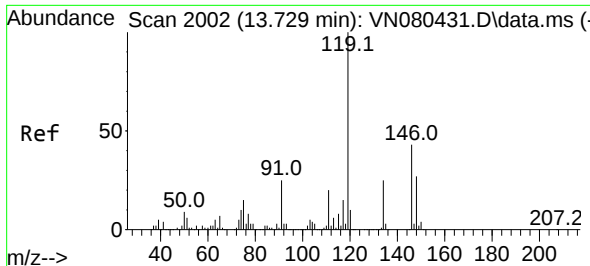


#85
sec-Butylbenzene
Concen: 50.592 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion:105 Resp: 871980
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.3





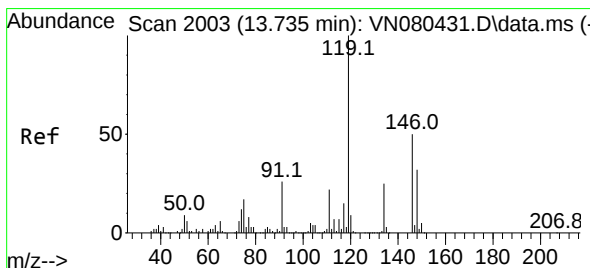
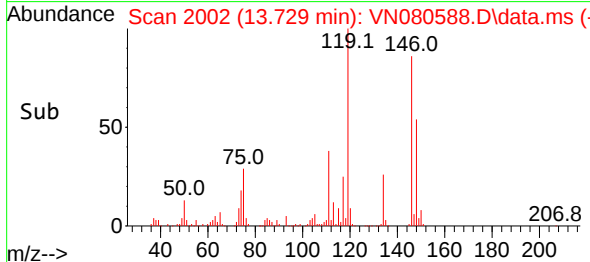
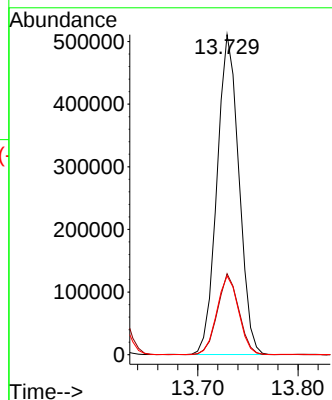
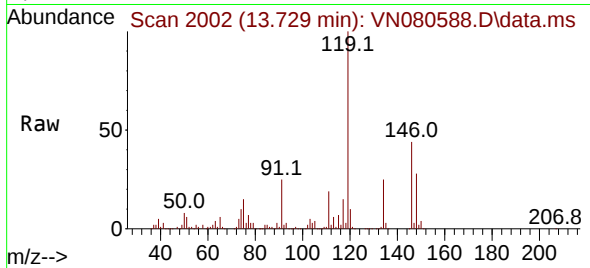
#86
p-Isopropyltoluene
Concen: 49.783 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD

Tgt Ion:119 Resp: 774748
Ion Ratio Lower Upper
119 100
134 24.7 12.6 37.8
91 24.3 12.4 37.2

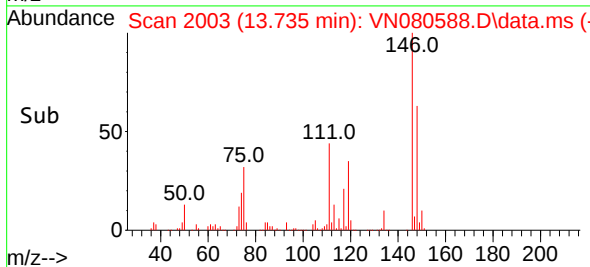
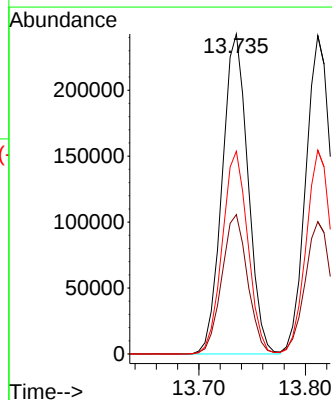
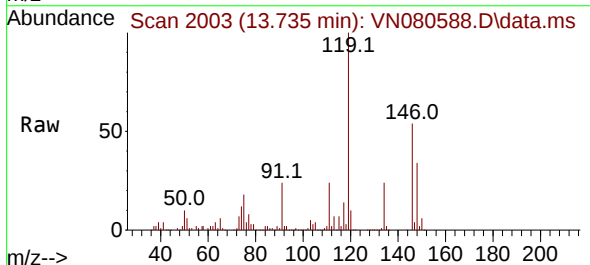
Manual Integrations
APPROVED

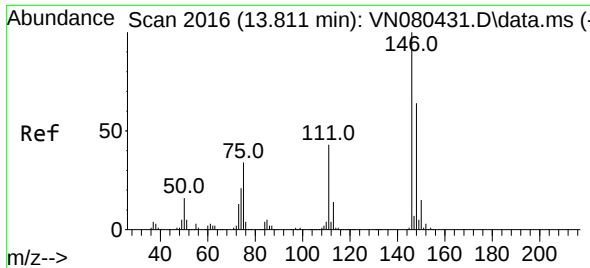
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#87
1,3-Dichlorobenzene
Concen: 49.307 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Tgt Ion:146 Resp: 408228
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.3
148 62.4 32.0 96.0





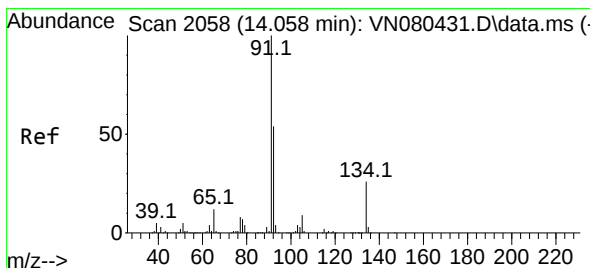
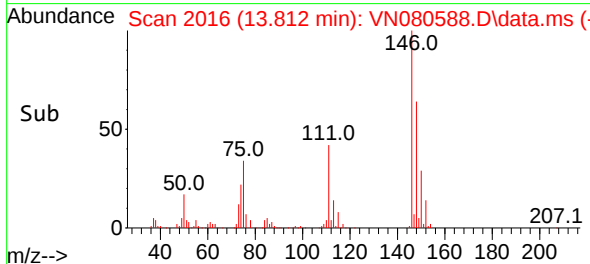
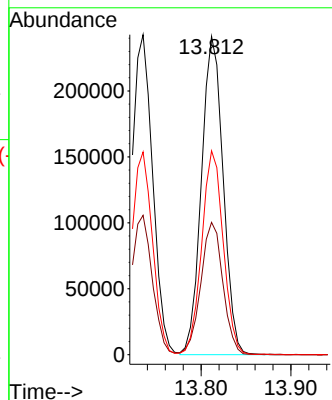
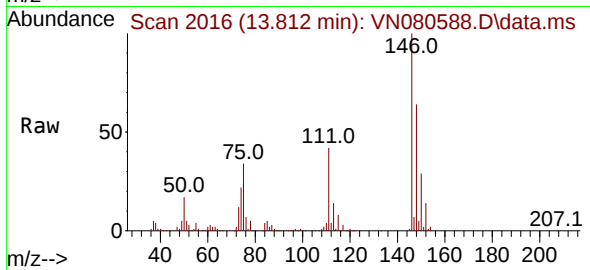
#88
1,4-Dichlorobenzene
Concen: 48.464 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD

Tgt Ion:146 Resp: 405039
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.8
148 63.7 31.6 94.8

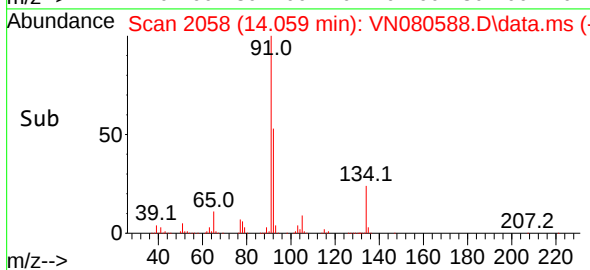
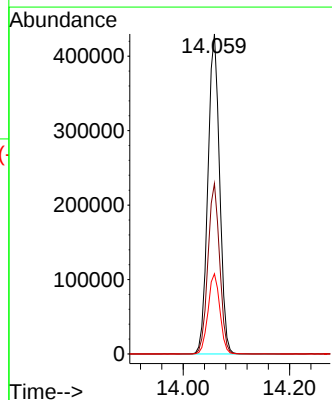
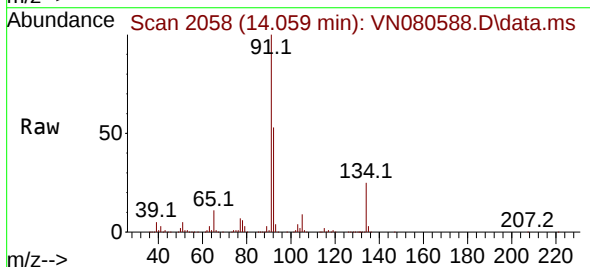
Manual Integrations
APPROVED

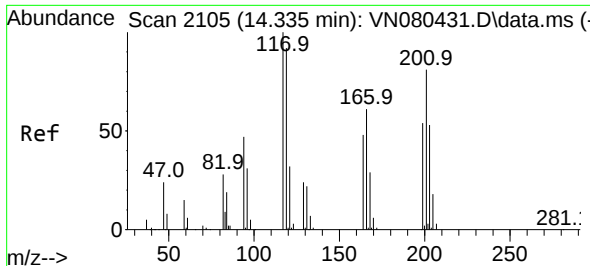
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#89
n-Butylbenzene
Concen: 50.327 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

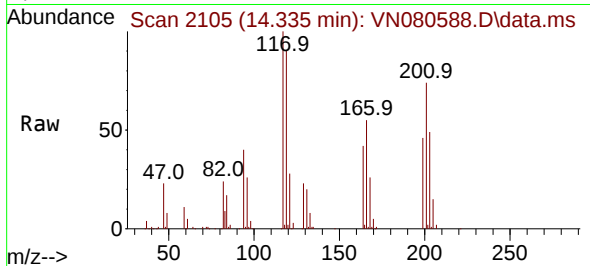
Tgt Ion: 91 Resp: 654054
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 25.3 12.6 37.6





#90
Hexachloroethane
Concen: 38.857 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

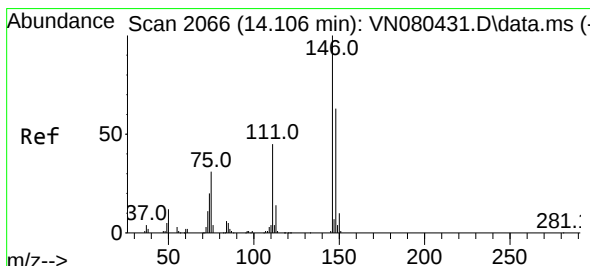
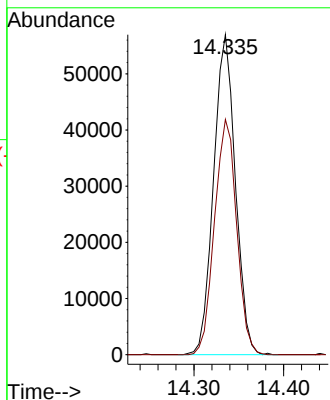
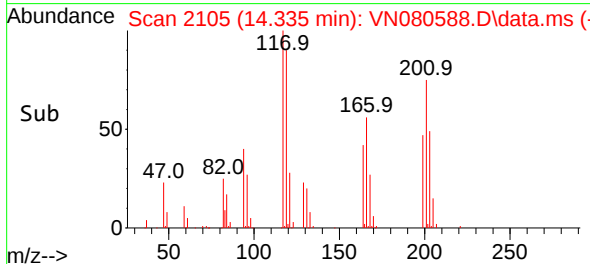
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



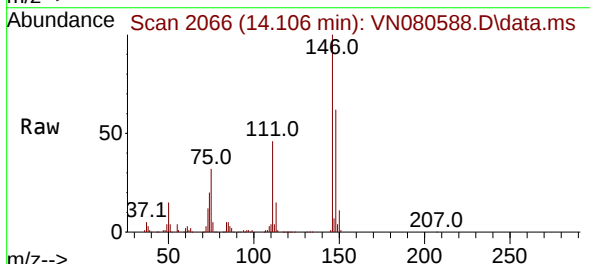
Tgt Ion:117 Resp: 96030
Ion Ratio Lower Upper
117 100
201 74.7 29.3 88.0

Manual Integrations
APPROVED

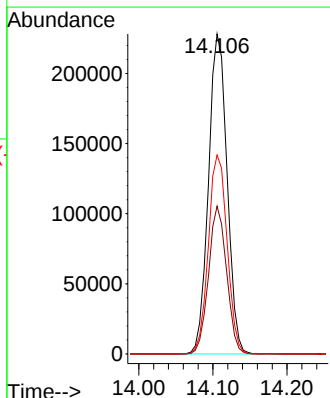
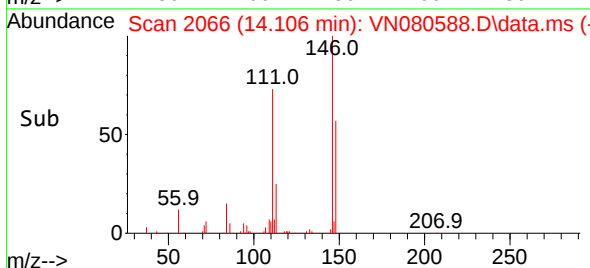
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

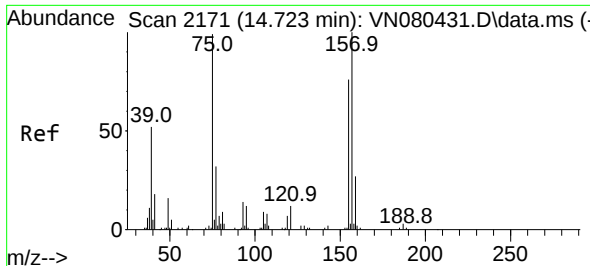


#91
1,2-Dichlorobenzene
Concen: 50.553 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59



Tgt Ion:146 Resp: 397445
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 62.7 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.859 ug/l

RT: 14.717 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7-122023MSD

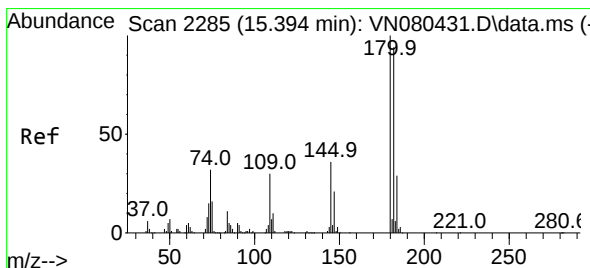
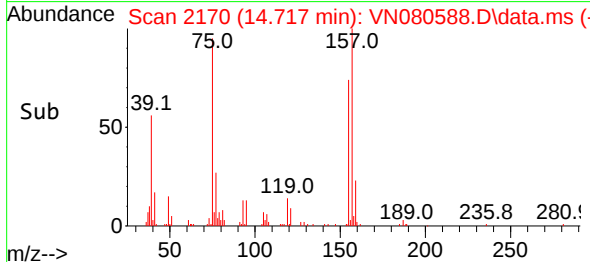
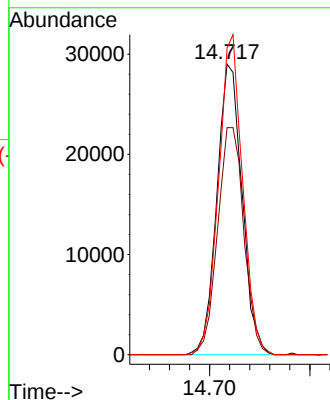
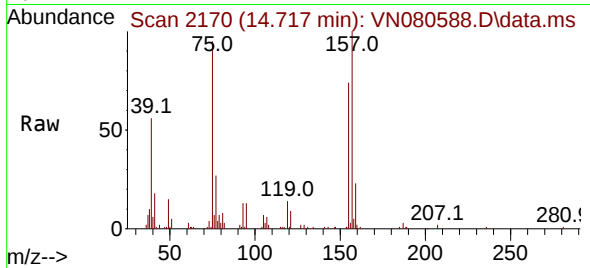
Tgt Ion: 75	Resp: 50452
Ion Ratio	Lower Upper
75	100
155	81.4 39.1 117.2
157	105.3 50.3 150.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#93

1,2,4-Trichlorobenzene

Concen: 50.540 ug/l

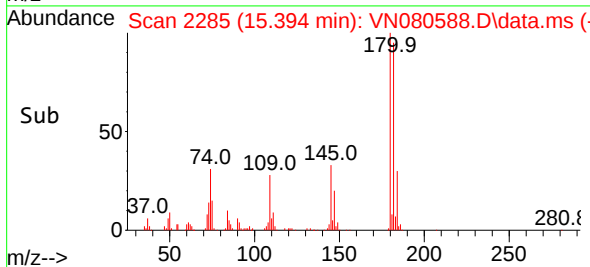
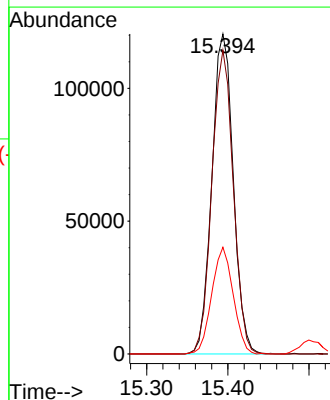
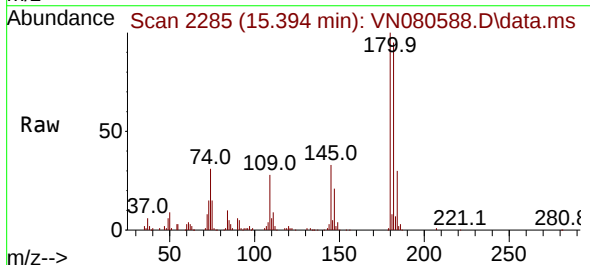
RT: 15.394 min Scan# 2285

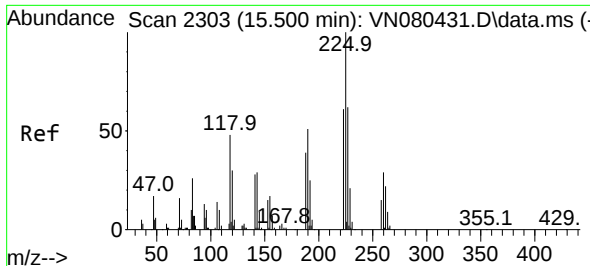
Delta R.T. 0.000 min

Lab File: VN080588.D

Acq: 21 Dec 2023 20:59

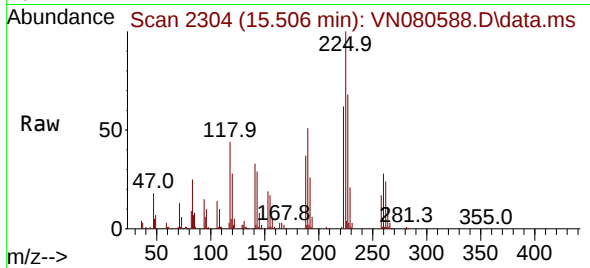
Tgt Ion:180	Resp: 220612
Ion Ratio	Lower Upper
180	100
182	94.8 46.1 138.2
145	33.4 16.6 49.8





#94
Hexachlorobutadiene
Concen: 41.697 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

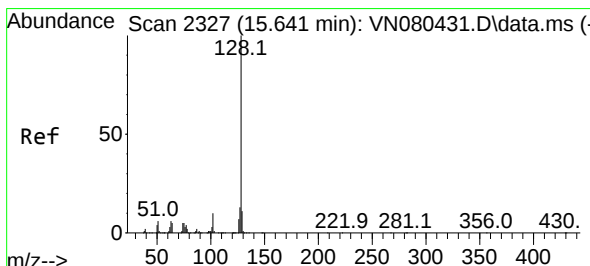
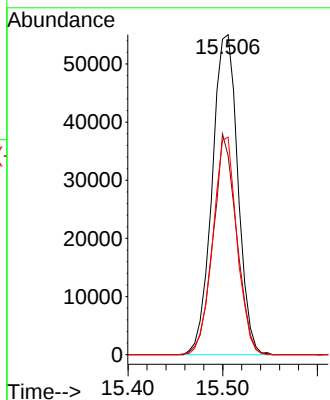
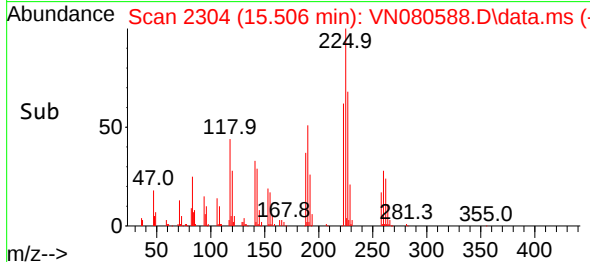
Instrument :
MSVOA_N
ClientSampleId :
MW-7-122023MSD



Tgt Ion:225 Resp: 103619
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 64.1 31.9 95.9

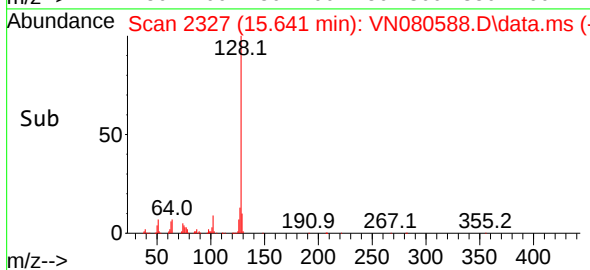
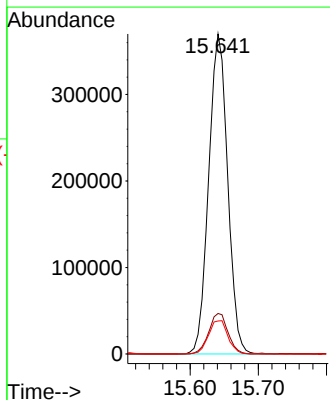
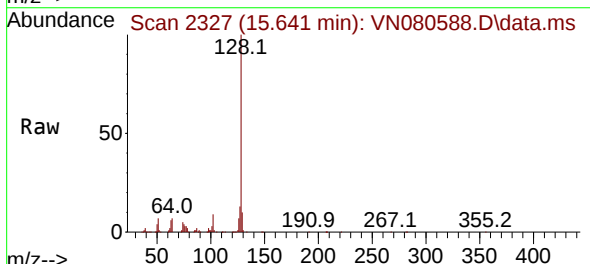
Manual Integrations
APPROVED

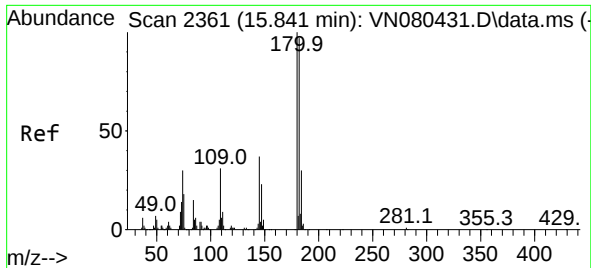
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#95
Naphthalene
Concen: 54.054 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080588.D
Acq: 21 Dec 2023 20:59

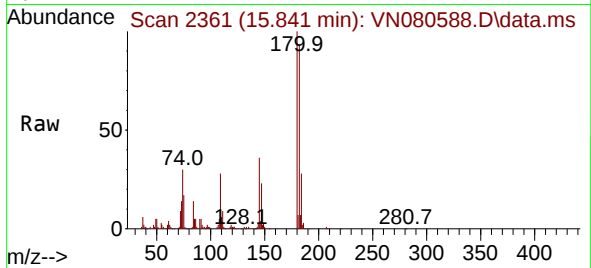
Tgt Ion:128 Resp: 716488
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 51.196 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080588.D
 Acq: 21 Dec 2023 20:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-122023MSD



Tgt Ion:180 Resp: 21565
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.2 138.6
 145 36.2 17.5 52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

