

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080453.D
 Acq On : 13 Dec 2023 11:32
 Operator : JC\MD
 Sample : VN1213WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

Quant Time: Dec 14 04:03:13 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	320179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	491480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	438273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229164	56.038	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.080%			
35) Dibromofluoromethane	8.165	113	173343	55.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.260%			
50) Toluene-d8	10.565	98	641527	55.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.847	95	232955	52.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84634	20.685	ug/l	96
3) Chloromethane	2.359	50	78555	18.072	ug/l	99
4) Vinyl Chloride	2.512	62	67591	19.343	ug/l	98
5) Bromomethane	2.959	94	31209	19.810	ug/l	99
6) Chloroethane	3.124	64	41925	18.672	ug/l	97
7) Trichlorofluoromethane	3.501	101	146252	20.636	ug/l	98
8) Diethyl Ether	3.959	74	42436	19.010	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	69651	20.734	ug/l	95
10) Methyl Iodide	4.589	142	51009	17.263	ug/l	91
11) Tert butyl alcohol	5.506	59	45228	93.908	ug/l	99
12) 1,1-Dichloroethene	4.342	96	66256	19.249	ug/l	86
13) Acrolein	4.177	56	40282	76.372	ug/l	96
14) Allyl chloride	5.018	41	81014	19.024	ug/l	96
15) Acrylonitrile	5.712	53	133450	98.064	ug/l	98
16) Acetone	4.418	43	86999	119.982	ug/l	98
17) Carbon Disulfide	4.712	76	181726	18.630	ug/l	97
18) Methyl Acetate	5.012	43	92132	19.747	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	231605	20.168	ug/l	99
20) Methylene Chloride	5.271	84	75200	19.379	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	72281	19.367	ug/l #	83
22) Diisopropyl ether	6.671	45	183860	20.004	ug/l	97
23) Vinyl Acetate	6.600	43	516123	97.771	ug/l	94
24) 1,1-Dichloroethane	6.571	63	129001	20.116	ug/l	98
25) 2-Butanone	7.483	43	146664	104.996	ug/l	92
26) 2,2-Dichloropropane	7.489	77	130412	19.888	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	84609	20.028	ug/l	90
28) Bromochloromethane	7.812	49	46856	19.030	ug/l	99
29) Tetrahydrofuran	7.836	42	95834	95.809	ug/l	96
30) Chloroform	7.965	83	147707	20.751	ug/l	96
31) Cyclohexane	8.253	56	106504	19.151	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	143972	20.657	ug/l	97
36) 1,1-Dichloropropene	8.371	75	107989	21.194	ug/l	96
37) Ethyl Acetate	7.559	43	63714	19.969	ug/l	97
38) Carbon Tetrachloride	8.365	117	131343	21.574	ug/l	92
39) Methylcyclohexane	9.600	83	106933	20.202	ug/l	92
40) Benzene	8.606	78	297282	20.205	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36132	19.643	ug/l	94
42) 1,2-Dichloroethane	8.671	62	118016	21.661	ug/l	96
43) Isopropyl Acetate	8.688	43	112819	19.666	ug/l	97
44) Trichloroethene	9.353	130	79547	20.055	ug/l	98
45) 1,2-Dichloropropane	9.624	63	71352	20.648	ug/l	96
46) Dibromomethane	9.706	93	51507	20.755	ug/l #	89
47) Bromodichloromethane	9.888	83	115561	21.728	ug/l	97
48) Methyl methacrylate	9.677	41	67320	19.664	ug/l	93
49) 1,4-Dioxane	9.688	88	18432	355.211	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	323486	102.386	ug/l	99
52) Toluene	10.630	92	196508	21.142	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	119487	20.764	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	125906	20.470	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	69131	20.671	ug/l	98
56) Ethyl methacrylate	10.877	69	74902	20.229	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	121900	20.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	195779	83.754	ug/l	100
59) 2-Hexanone	11.194	43	233454	100.088	ug/l	99
60) Dibromochloromethane	11.359	129	85306	21.525	ug/l	100
61) 1,2-Dibromoethane	11.471	107	72405	20.918	ug/l	95
64) Tetrachloroethene	11.106	164	67431	19.927	ug/l	92
65) Chlorobenzene	11.894	112	204783	21.004	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	80588	21.066	ug/l	94
67) Ethyl Benzene	11.965	91	368027	20.529	ug/l	96
68) m/p-Xylenes	12.071	106	278476	42.038	ug/l	91
69) o-Xylene	12.400	106	134988	20.833	ug/l	91
70) Styrene	12.412	104	192707	20.648	ug/l	92
71) Bromoform	12.582	173	54647	19.588	ug/l #	97
73) Isopropylbenzene	12.694	105	351115	21.414	ug/l	97
74) N-amyl acetate	12.494	43	96172	20.086	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	87382	19.888	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	81951m	20.126	ug/l	
77) Bromobenzene	12.982	156	83365	20.668	ug/l	95
78) n-propylbenzene	13.035	91	386489	21.379	ug/l	99
79) 2-Chlorotoluene	13.123	91	245392	20.792	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	298309	21.125	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	29617	19.097	ug/l #	87
82) 4-Chlorotoluene	13.223	91	252817	20.840	ug/l	97
83) tert-Butylbenzene	13.441	119	236958	20.489	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	302560	21.537	ug/l	98
85) sec-Butylbenzene	13.618	105	307151	20.762	ug/l	100
86) p-Isopropyltoluene	13.729	119	284945	21.332	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	145504	20.475	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	146865	20.473	ug/l	97
89) n-Butylbenzene	14.059	91	231241	20.729	ug/l	100
90) Hexachloroethane	14.335	117	45538	21.466	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	138098	20.464	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18410	19.921	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	81655	21.794	ug/l	98
94) Hexachlorobutadiene	15.500	225	43662	20.469	ug/l	97
95) Naphthalene	15.641	128	234326	20.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	75775	20.958	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

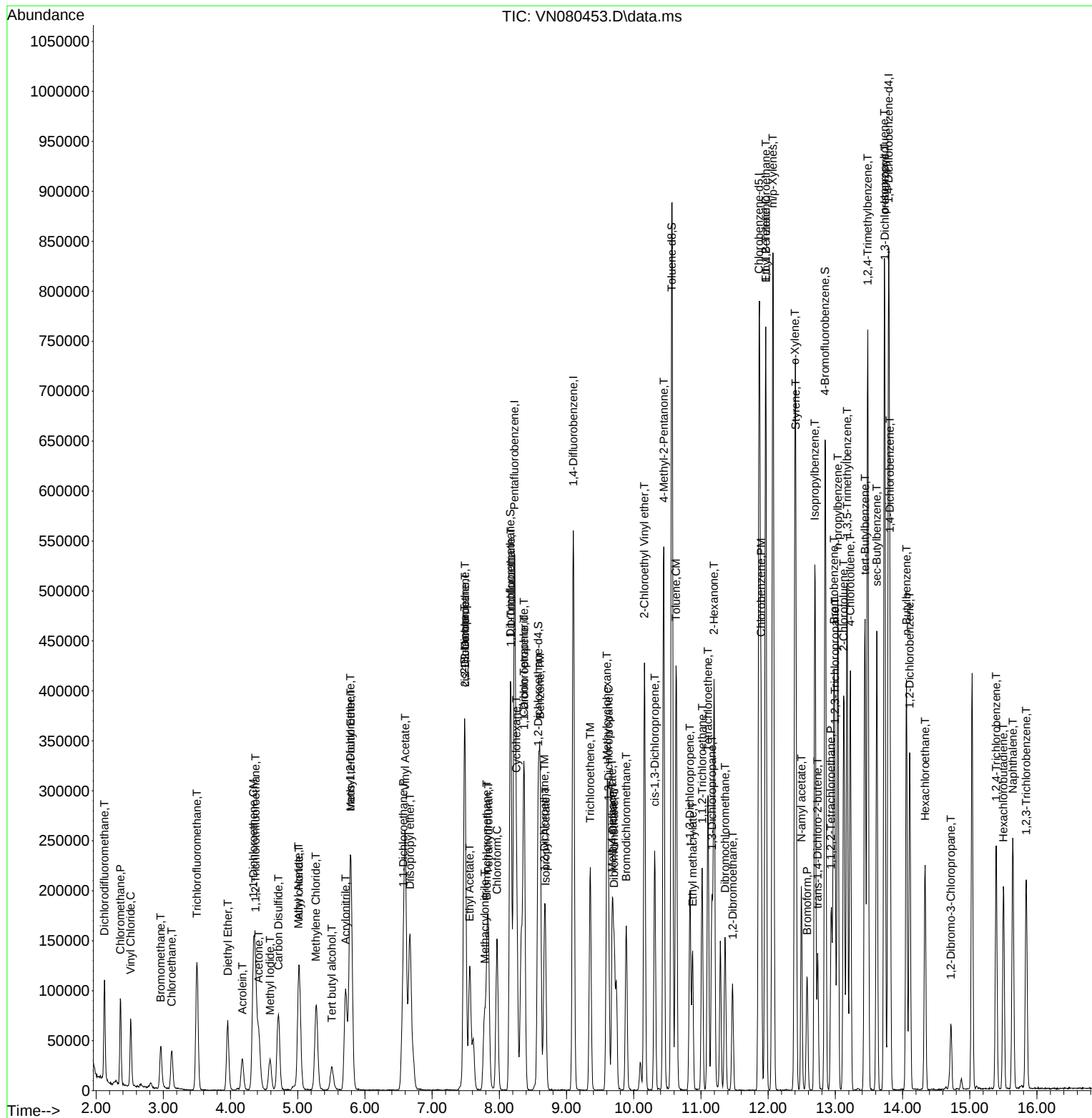
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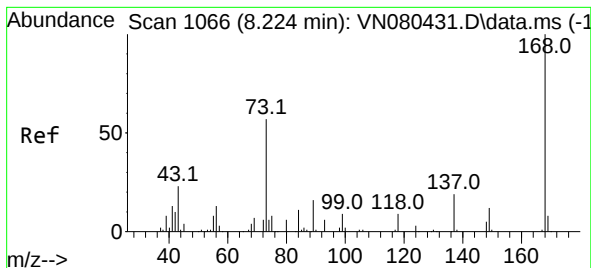
Instrument :
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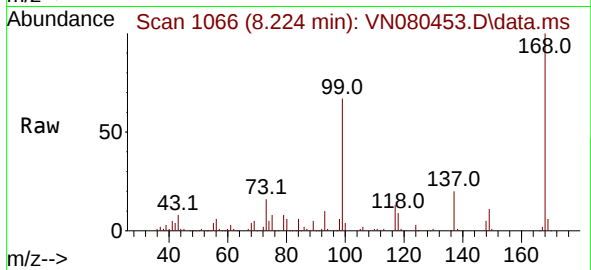
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

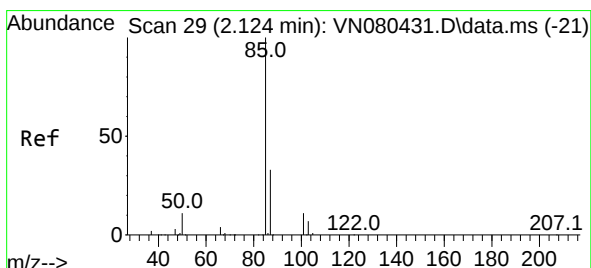
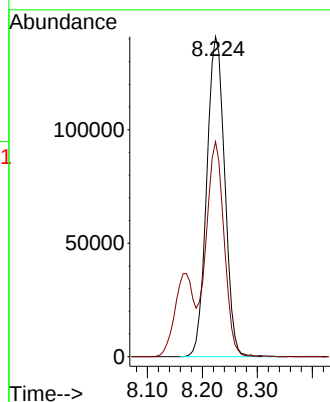
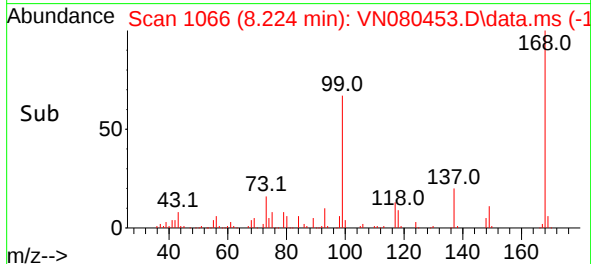
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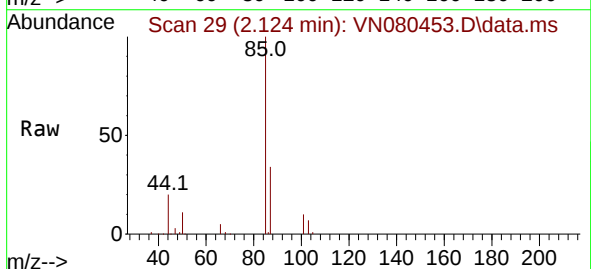
Tgt Ion:168 Resp: 320179
Ion Ratio Lower Upper
168 100
99 67.2 53.0 79.6

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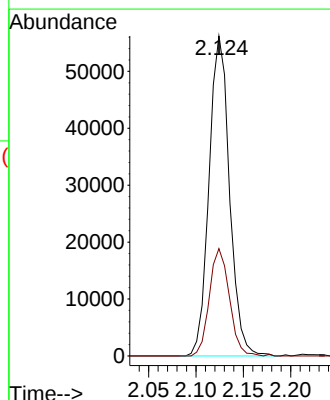
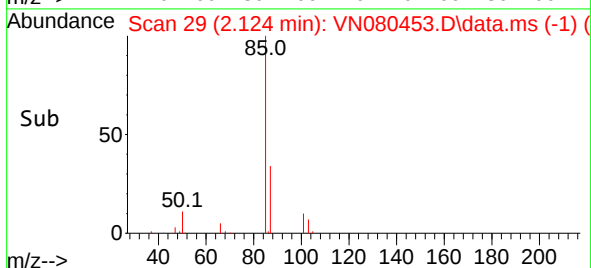
Reviewed By :John Carlone 12/14/2023
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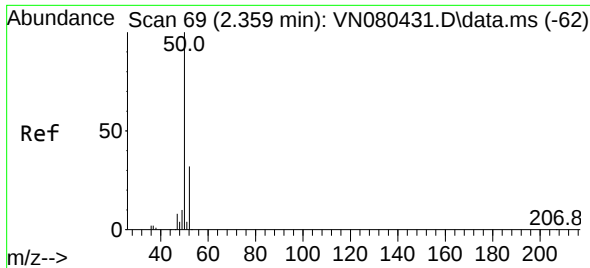


#2
Dichlorodifluoromethane
Concen: 20.685 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



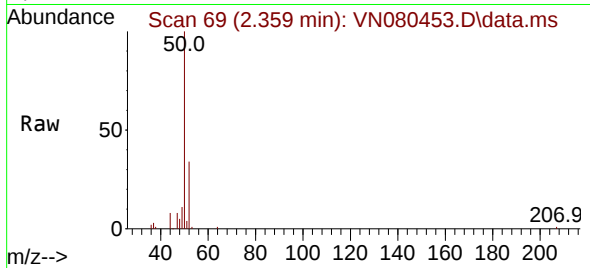
Tgt Ion: 85 Resp: 84634
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





#3
Chloromethane
Concen: 18.072 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

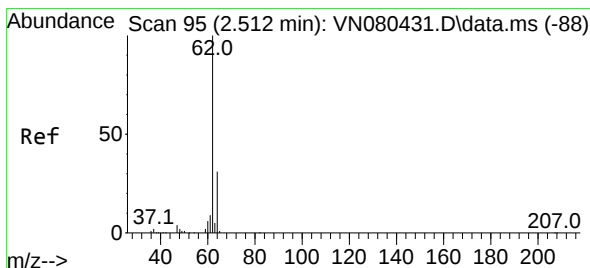
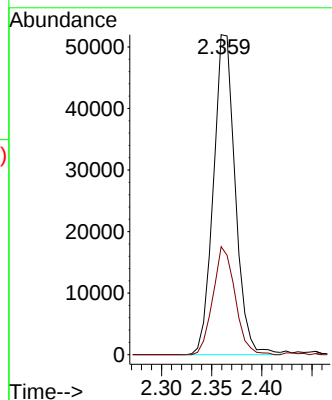
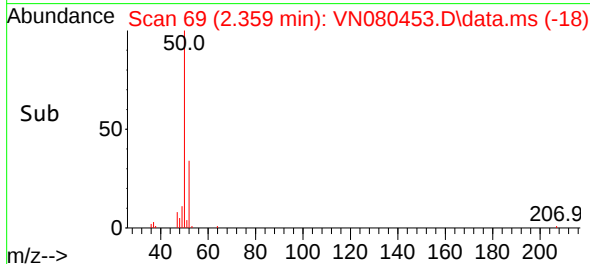
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 7855
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

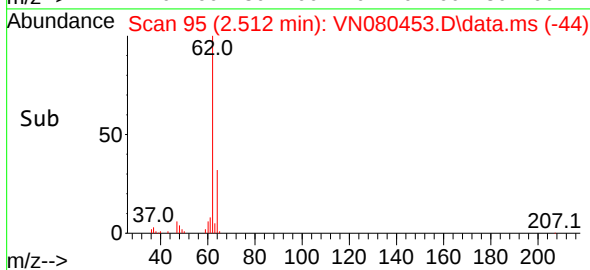
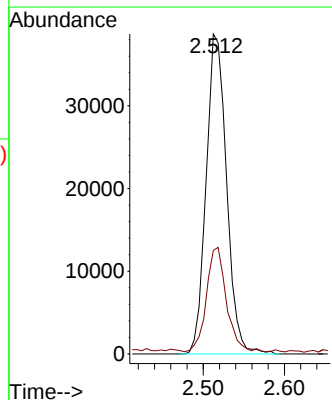
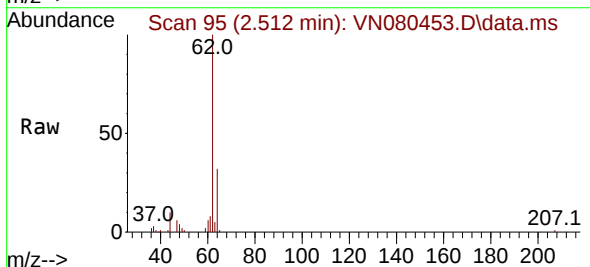
Manual Integrations
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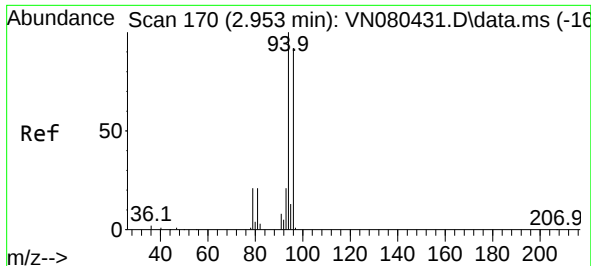
Reviewed By :John Carlone 12/14/2023
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#4
Vinyl Chloride
Concen: 19.343 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

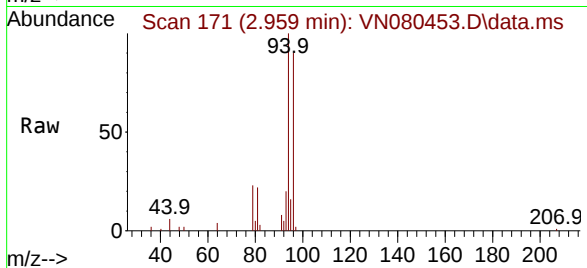
Tgt Ion: 62 Resp: 67591
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 19.810 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

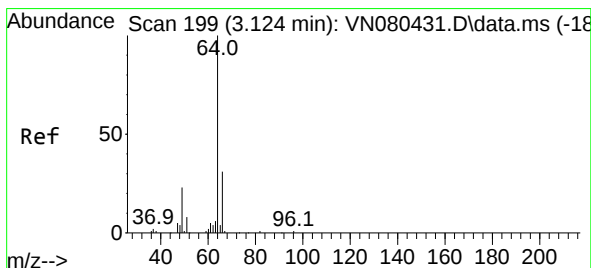
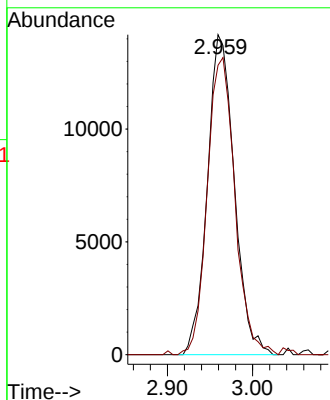
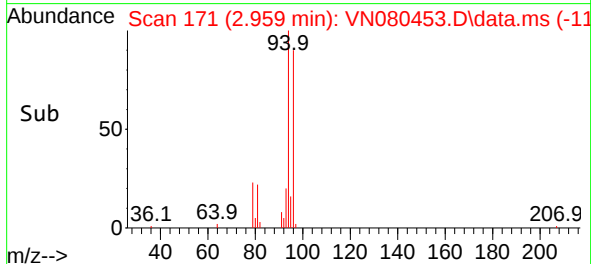
Instrument :
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Tgt Ion: 94 Resp: 31209
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7

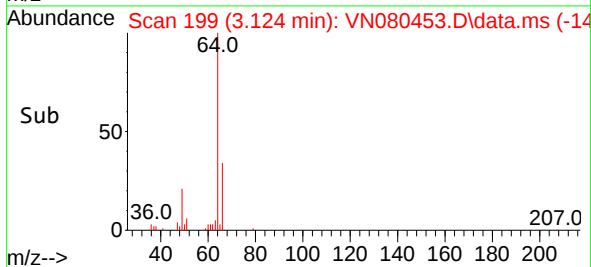
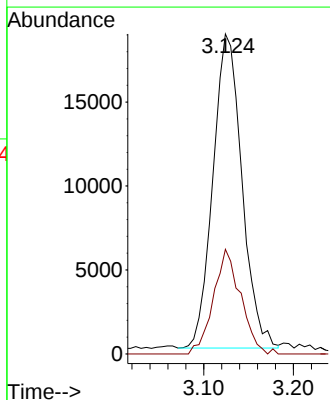
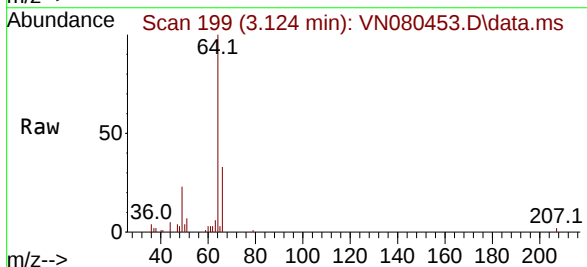
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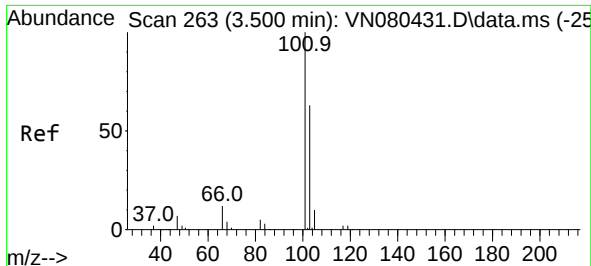
Reviewed By :John Carlone 12/14/2023
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#6
Chloroethane
Concen: 18.672 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

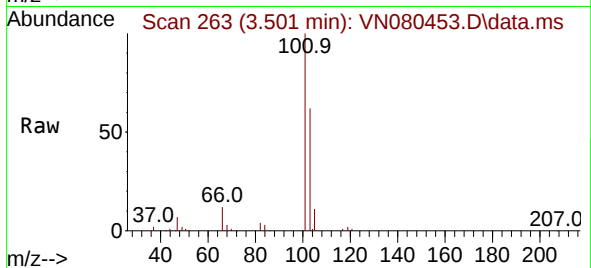
Tgt Ion: 64 Resp: 41925
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.636 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

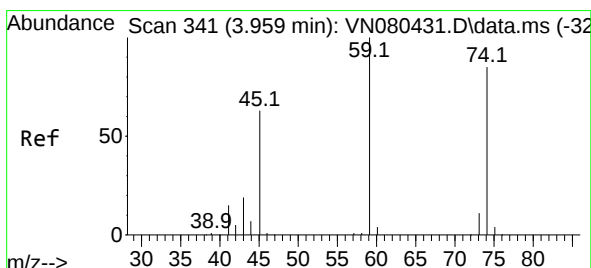
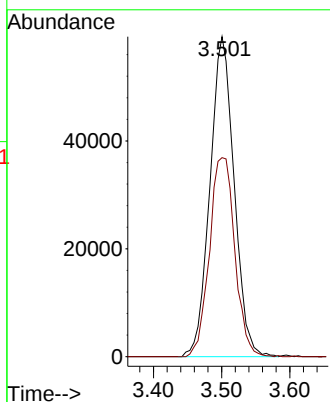
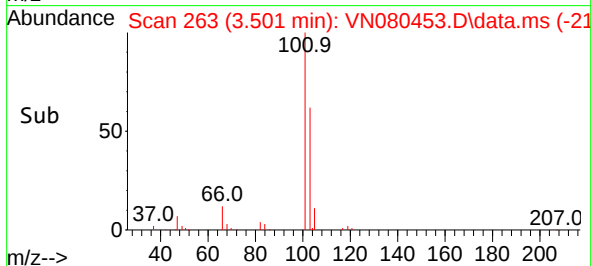
Instrument :
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Tgt Ion:101 Resp: 14625
Ion Ratio Lower Upper
101 100
103 62.2 50.7 76.1

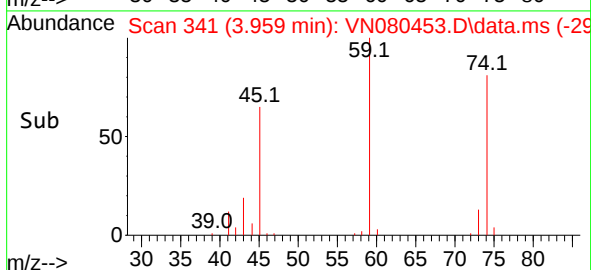
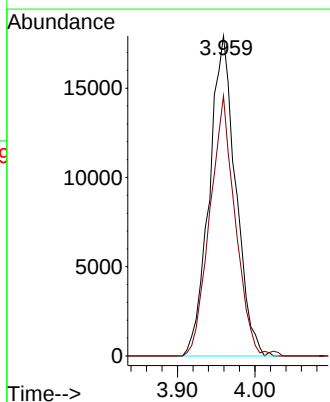
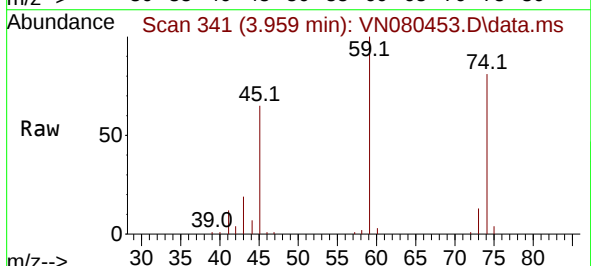
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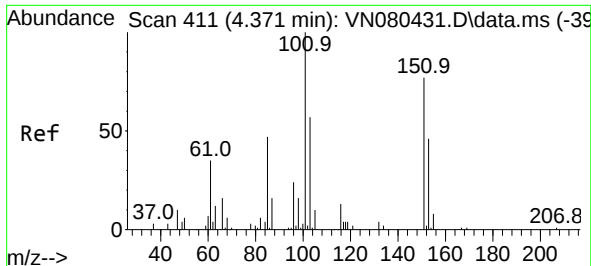
Reviewed By :John Carlone 12/14/2023
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#8
Diethyl Ether
Concen: 19.010 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion: 74 Resp: 42436
Ion Ratio Lower Upper
74 100
45 78.4 34.4 103.3





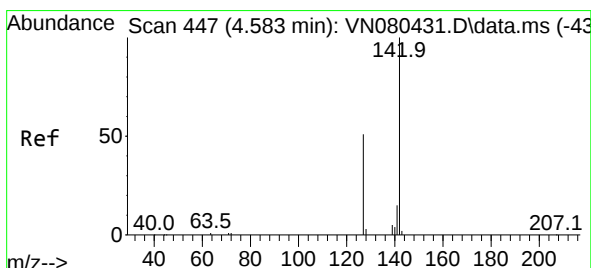
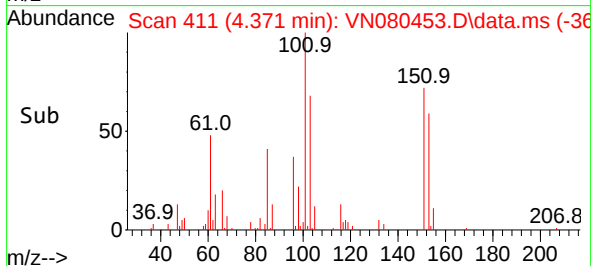
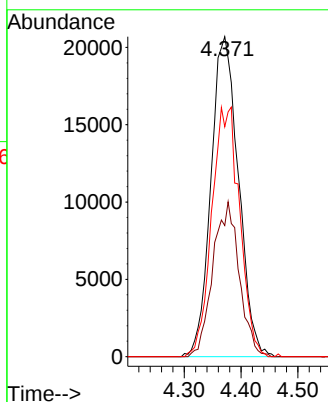
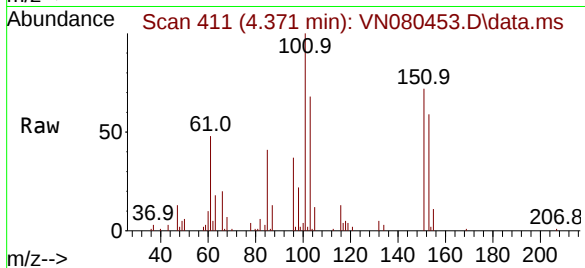
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.734 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:101 Resp: 6965
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 79.1 57.6 86.4

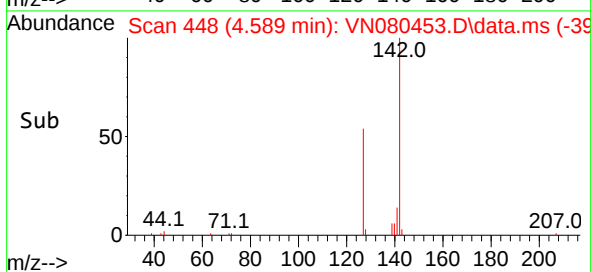
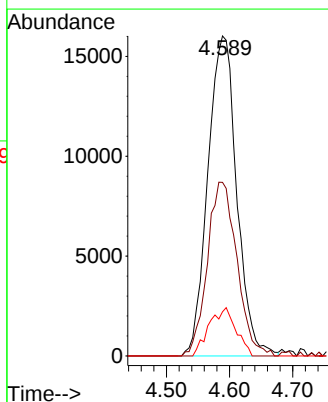
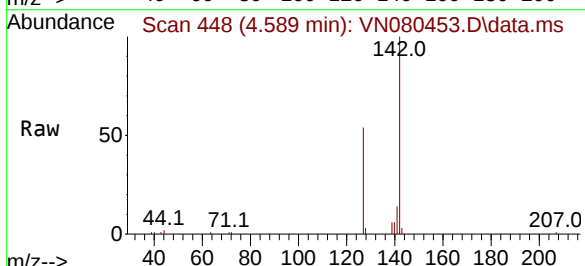
Manual Integrations
APPROVED

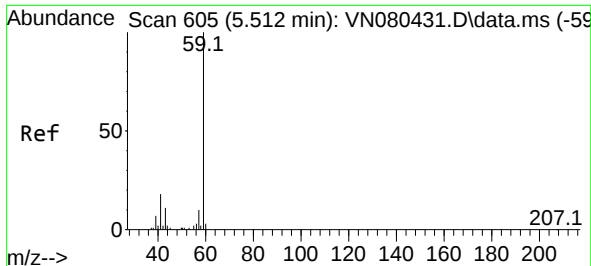
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 17.263 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion:142 Resp: 51009
Ion Ratio Lower Upper
142 100
127 54.2 37.6 56.4
141 13.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 93.908 ug/l

RT: 5.506 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion: 59 Resp: 45228

Ion Ratio Lower Upper

59 100

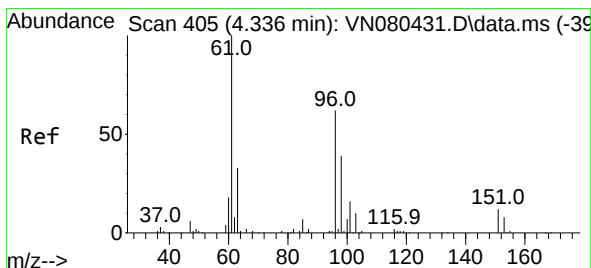
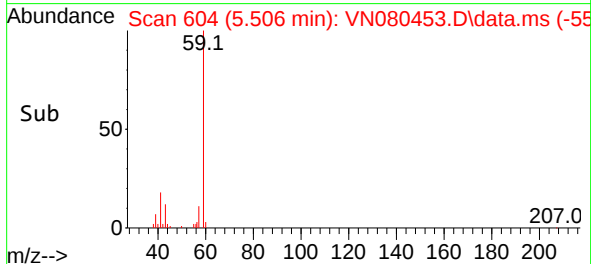
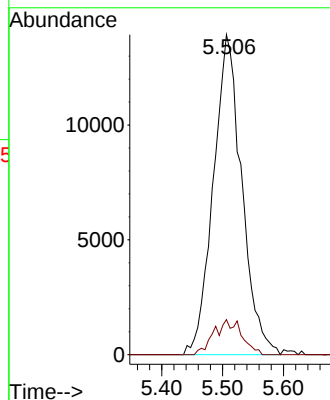
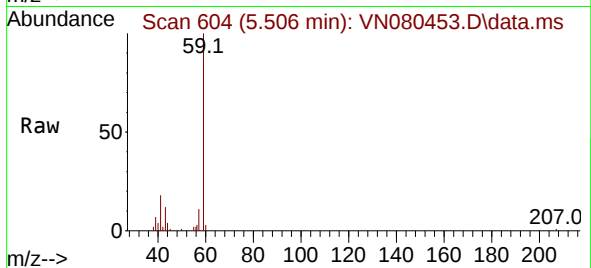
57 10.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#12

1,1-Dichloroethene

Concen: 19.249 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

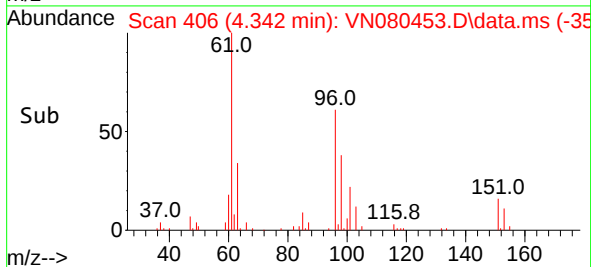
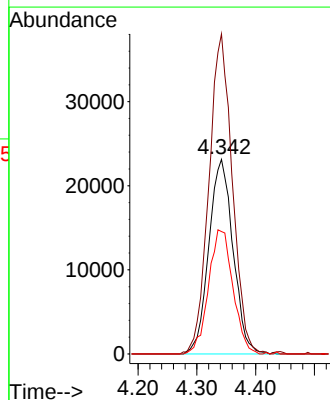
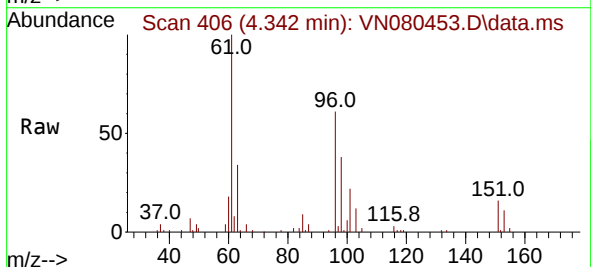
Tgt Ion: 96 Resp: 66256

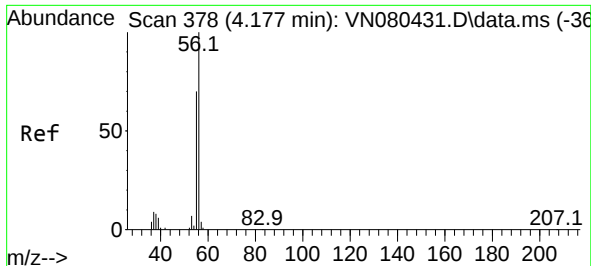
Ion Ratio Lower Upper

96 100

61 164.5 112.7 169.1

98 62.9 51.2 76.8





#13

Acrolein

Concen: 76.372 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion: 56 Resp: 4028

Ion Ratio Lower Upper

56 100

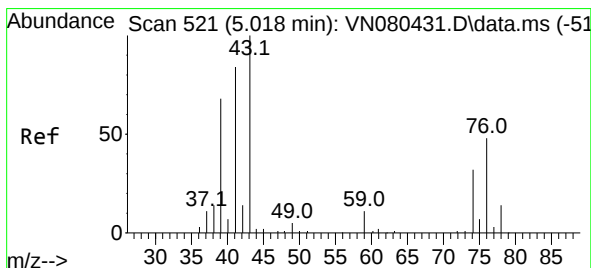
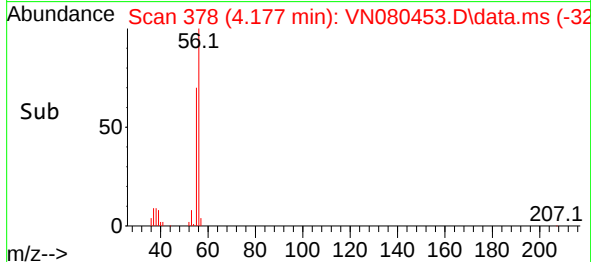
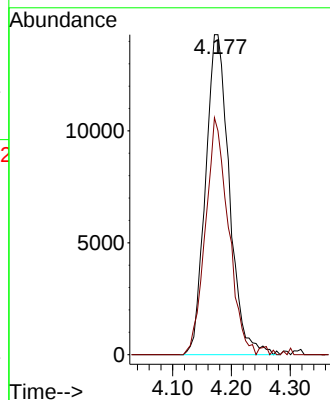
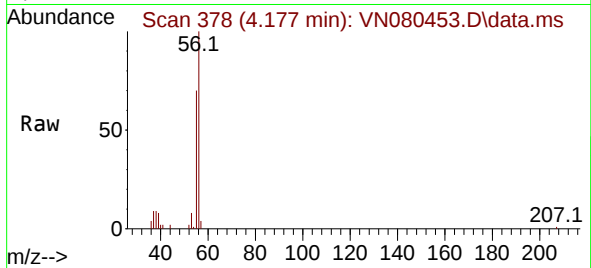
55 71.4 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#14

Allyl chloride

Concen: 19.024 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

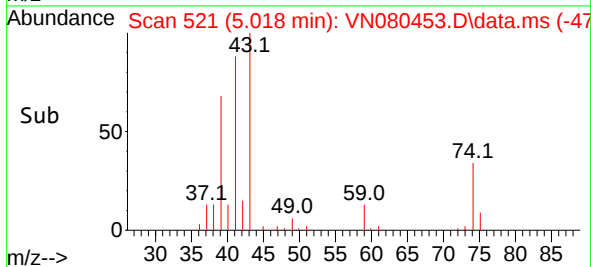
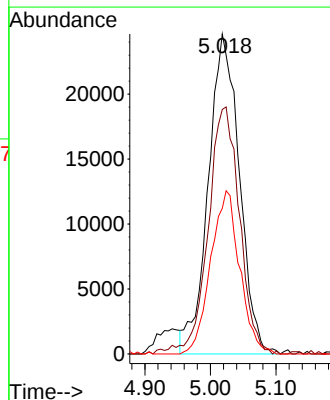
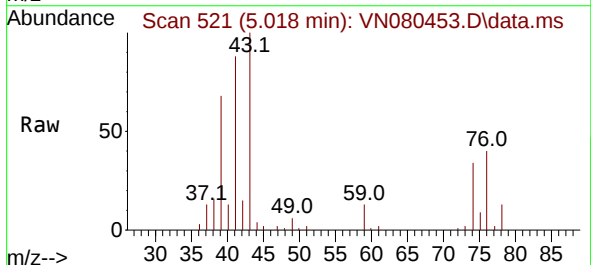
Tgt Ion: 41 Resp: 81014

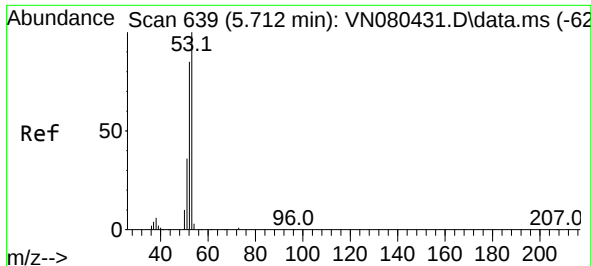
Ion Ratio Lower Upper

41 100

39 78.1 58.8 88.2

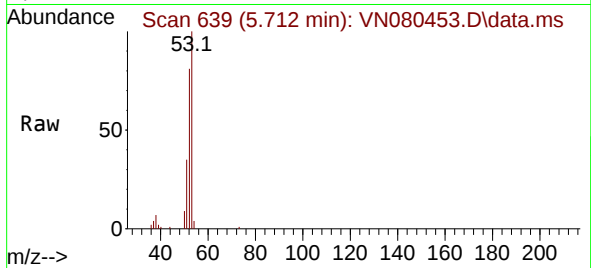
76 47.6 39.1 58.7





#15
Acrylonitrile
Concen: 98.064 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

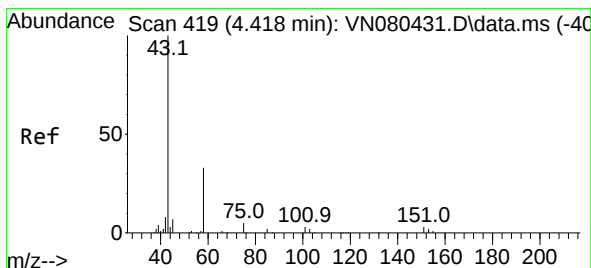
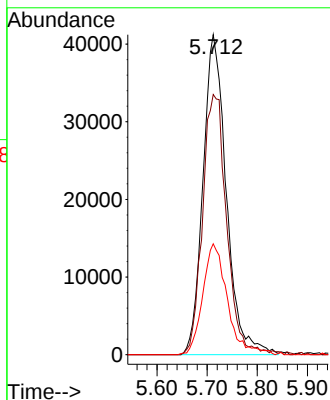
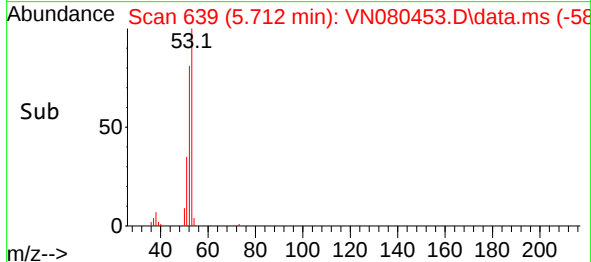
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



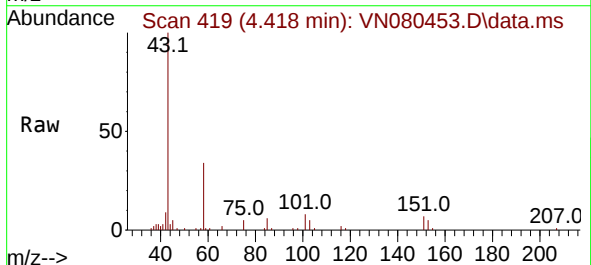
Tgt Ion: 53 Resp: 133450
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 36.5 28.9 43.3

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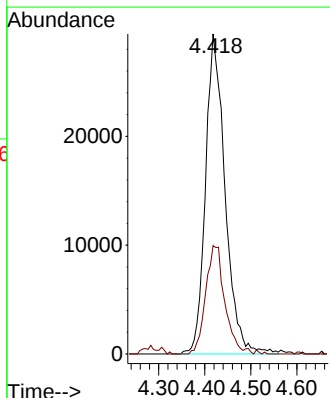
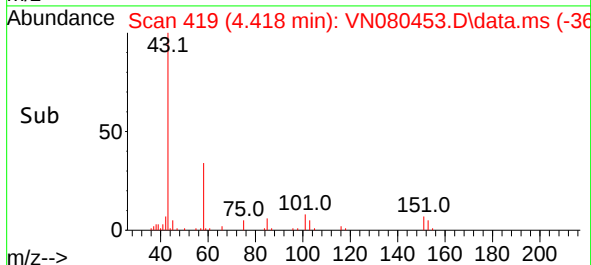
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

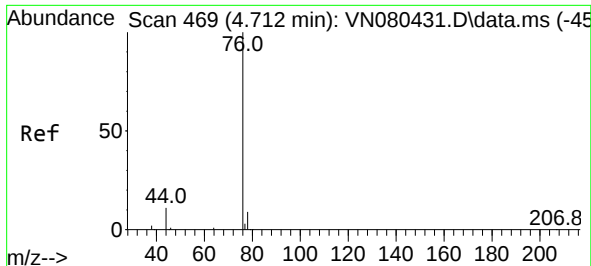


#16
Acetone
Concen: 119.982 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



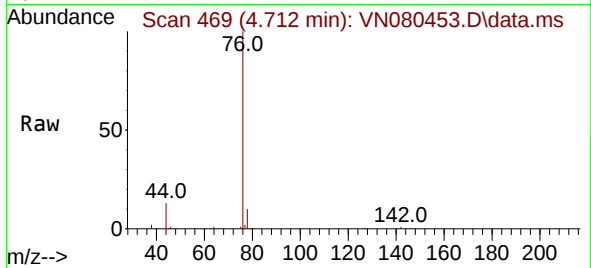
Tgt Ion: 43 Resp: 86999
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0





#17
Carbon Disulfide
Concen: 18.630 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

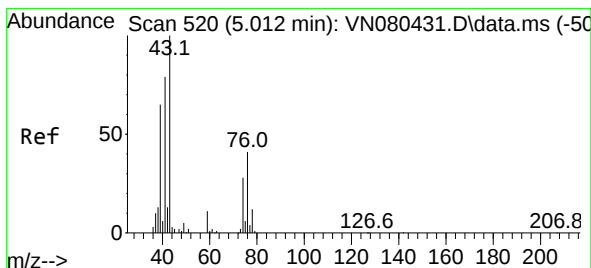
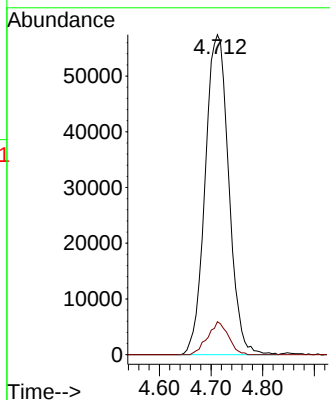
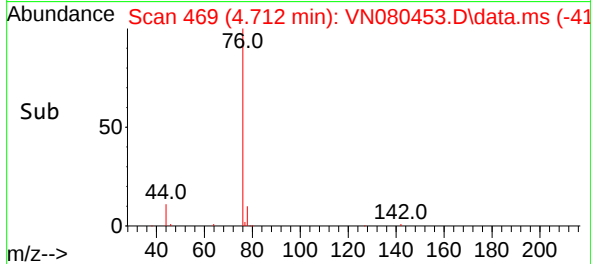
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 76 Resp: 181720
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

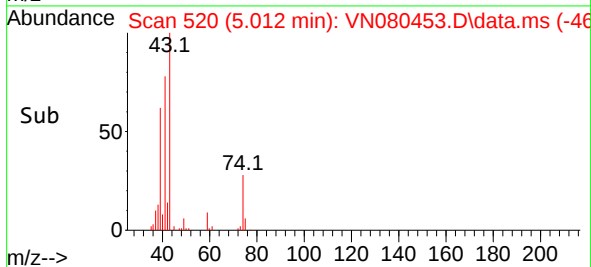
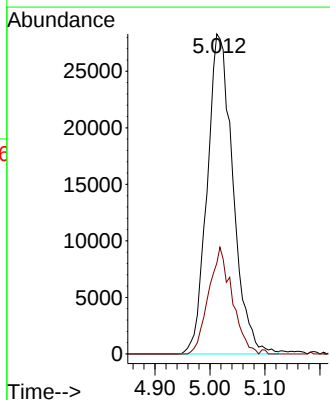
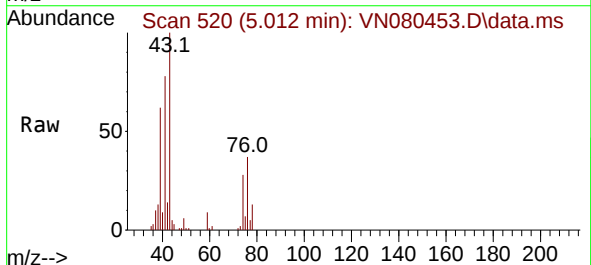
Manual Integrations
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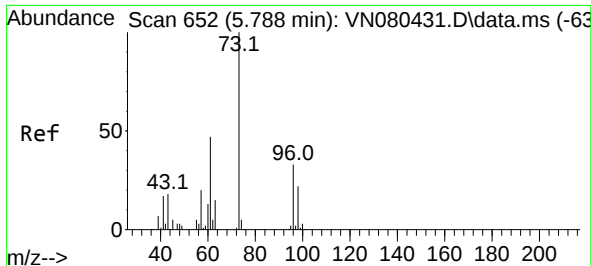
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 19.747 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

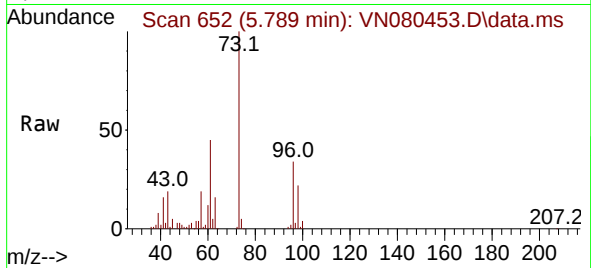
Tgt Ion: 43 Resp: 92132
Ion Ratio Lower Upper
43 100
74 30.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.168 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

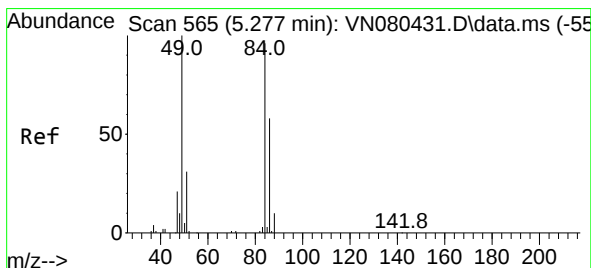
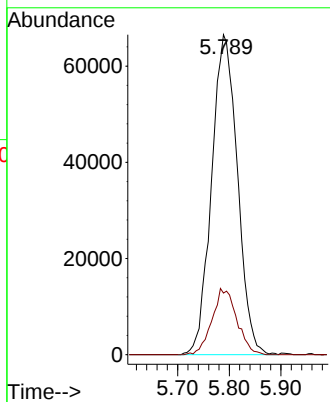
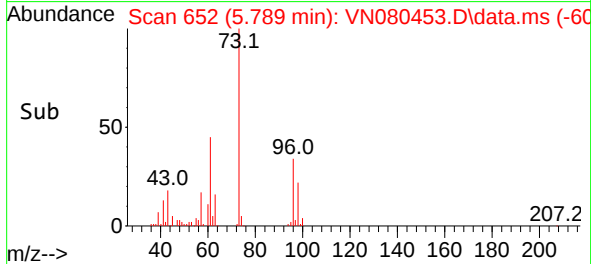
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 73 Resp: 23160
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4

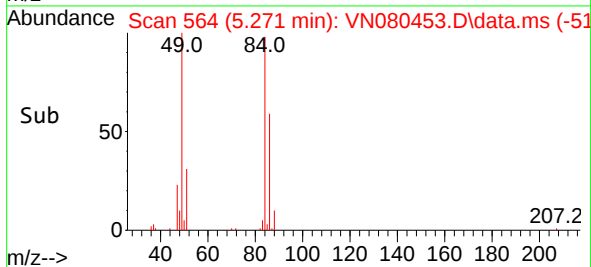
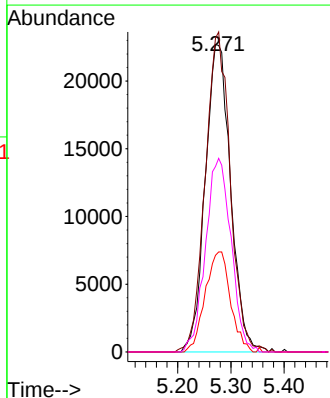
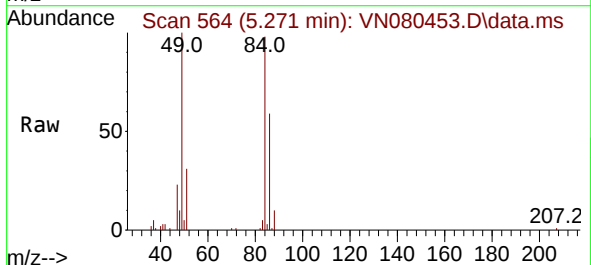
Manual Integrations
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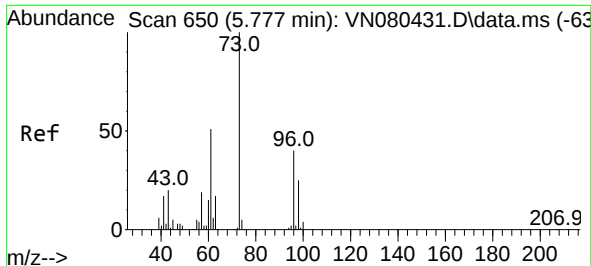
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 19.379 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

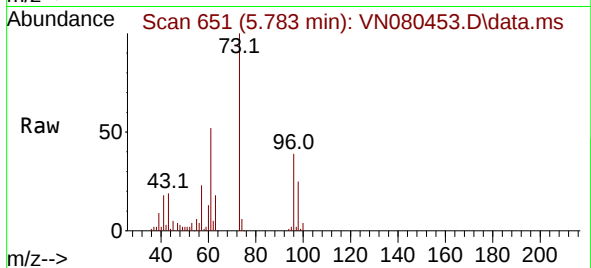
Tgt Ion: 84 Resp: 75200
Ion Ratio Lower Upper
84 100
49 102.1 79.7 119.5
51 31.4 25.2 37.8
86 60.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.367 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

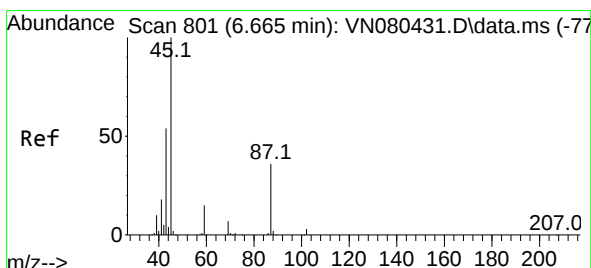
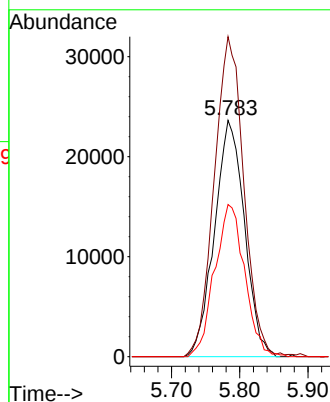
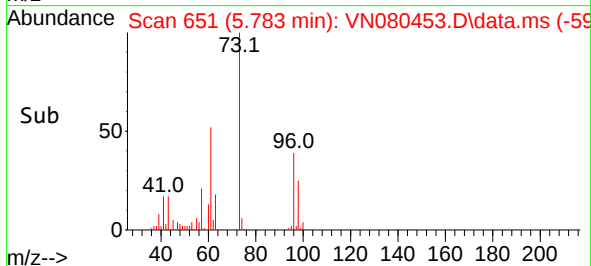
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 96 Resp: 7228
Ion Ratio Lower Upper
96 100
61 135.4 90.1 135.1
98 64.4 46.4 69.6

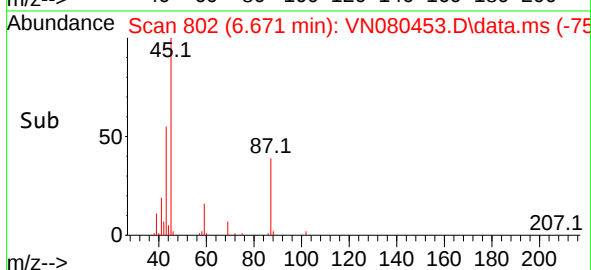
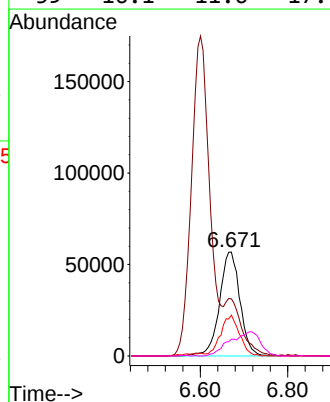
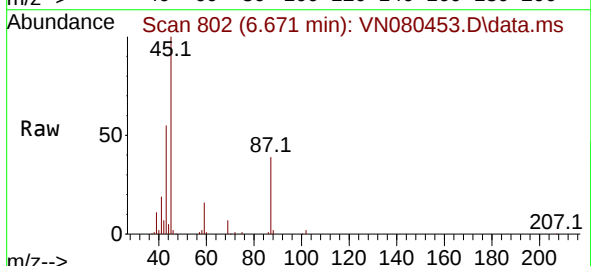
Manual Integrations
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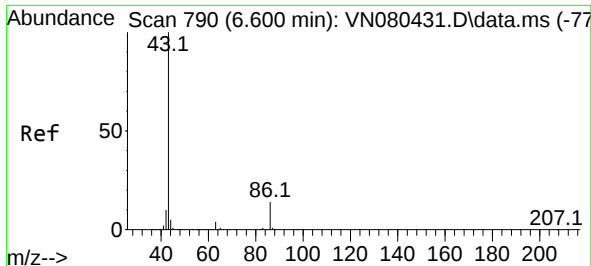
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#22
Diisopropyl ether
Concen: 20.004 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion: 45 Resp: 183860
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 39.3 31.8 47.8
59 16.1 11.6 17.4





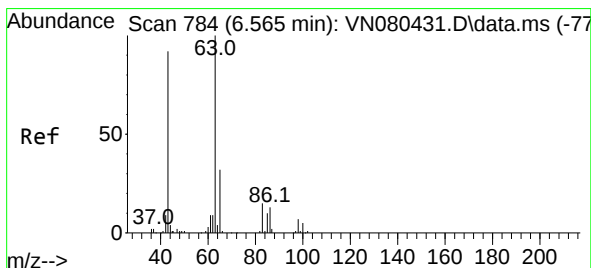
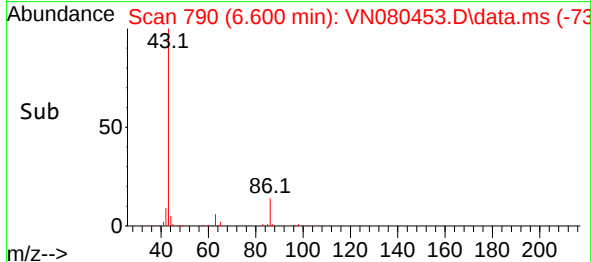
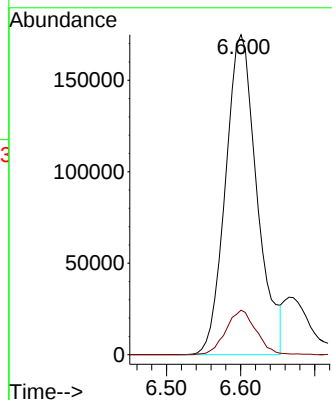
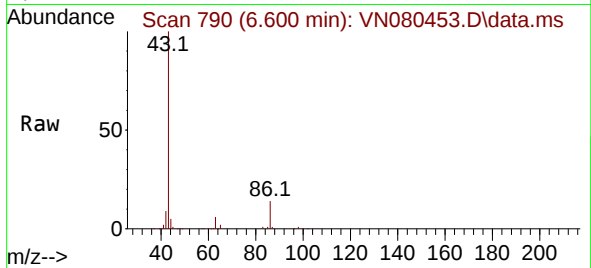
#23
 Vinyl Acetate
 Concen: 97.771 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080453.D
 Acq: 13 Dec 2023 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

Tgt Ion: 43 Resp: 51612
 Ion Ratio Lower Upper
 43 100
 86 13.9 13.0 19.6

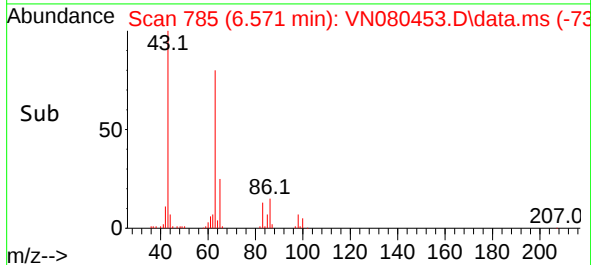
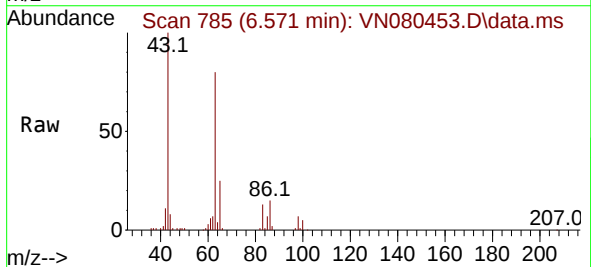
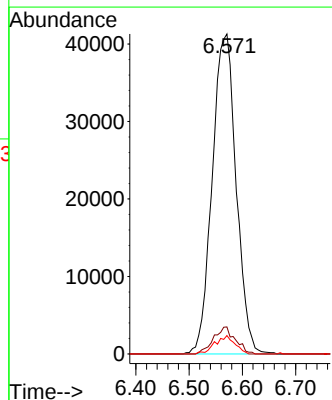
Manual Integrations
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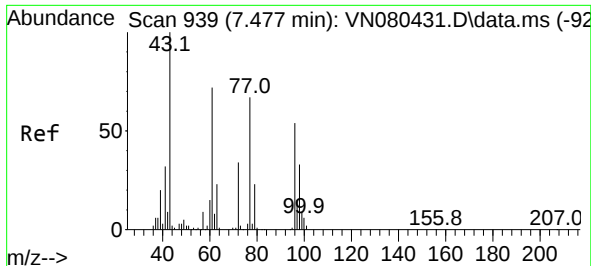
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 20.116 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080453.D
 Acq: 13 Dec 2023 11:32

Tgt Ion: 63 Resp: 129001
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.8 2.5 7.4





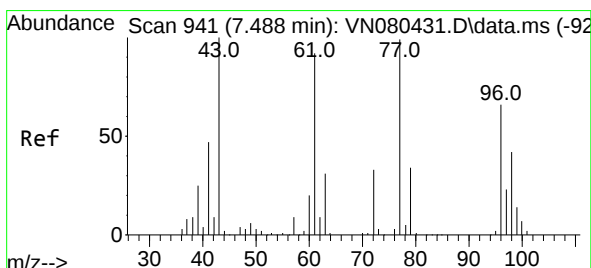
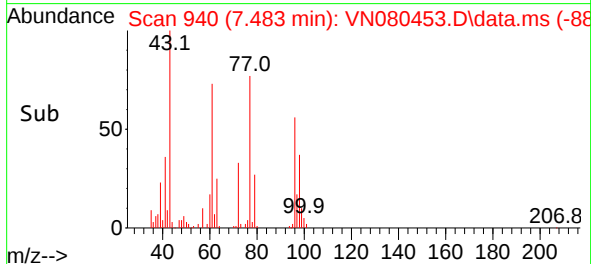
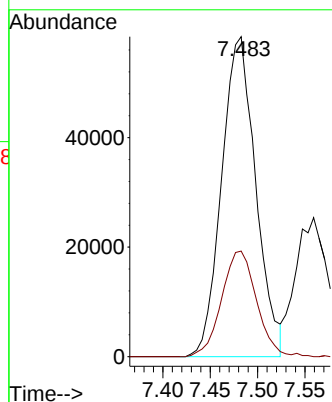
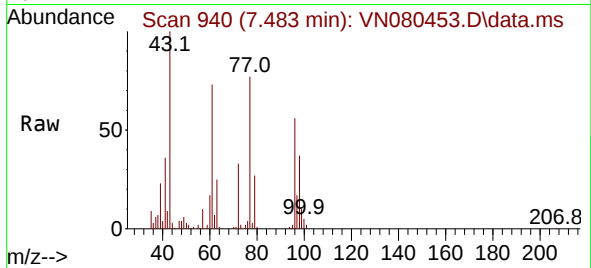
#25
2-Butanone
Concen: 104.996 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 43 Resp: 146664
Ion Ratio Lower Upper
43 100
72 33.0 30.2 45.2

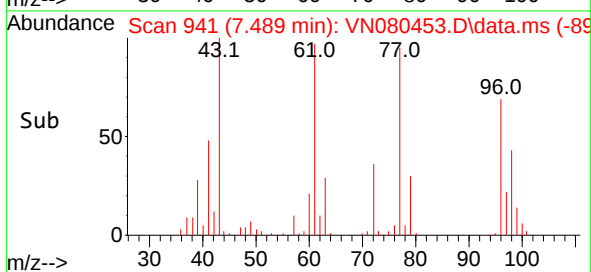
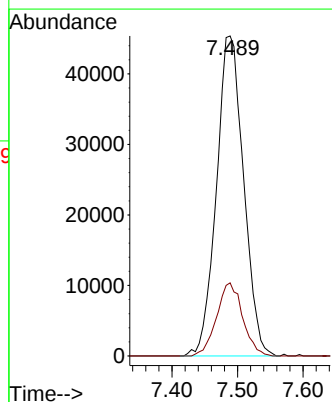
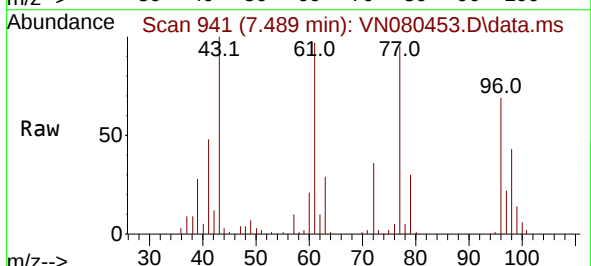
Manual Integrations
APPROVED

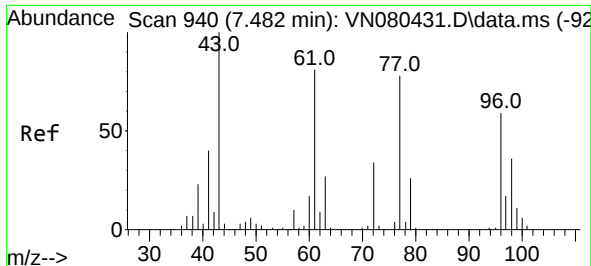
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 19.888 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

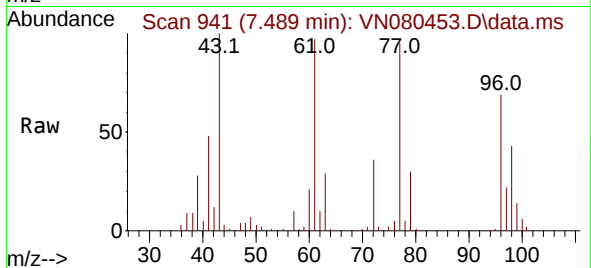
Tgt Ion: 77 Resp: 130412
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.028 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080453.D
 Acq: 13 Dec 2023 11:32

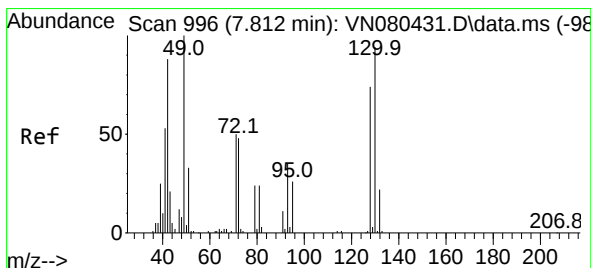
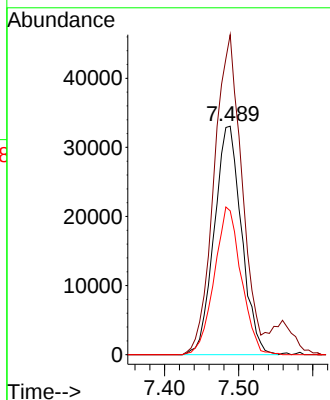
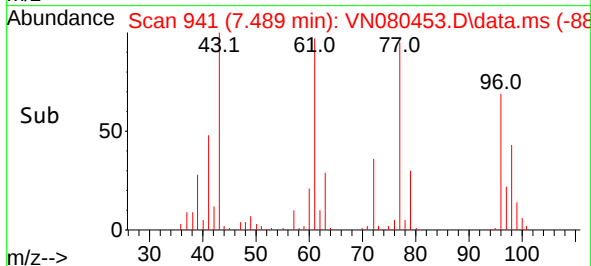
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01



Tgt Ion: 96 Resp: 84609
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 255.2
 98 63.7 0.0 128.8

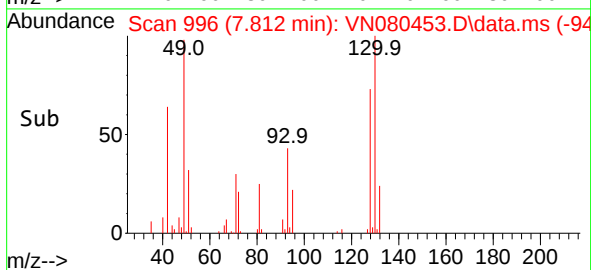
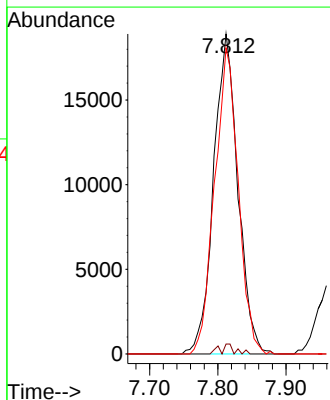
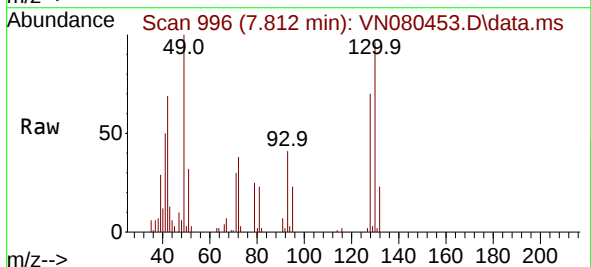
Manual Integrations
 APPROVED

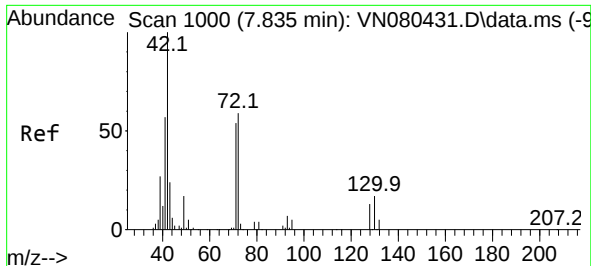
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#28
 Bromochloromethane
 Concen: 19.030 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080453.D
 Acq: 13 Dec 2023 11:32

Tgt Ion: 49 Resp: 46856
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 93.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 95.809 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

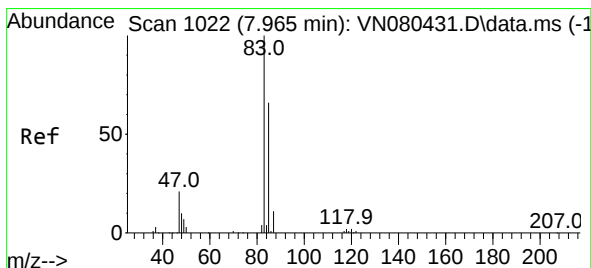
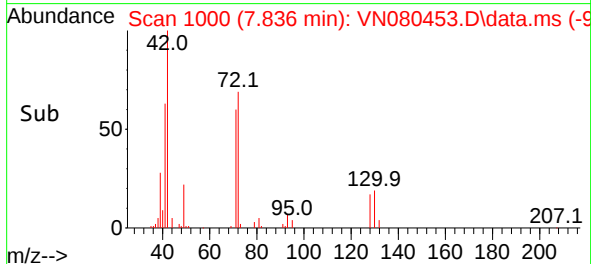
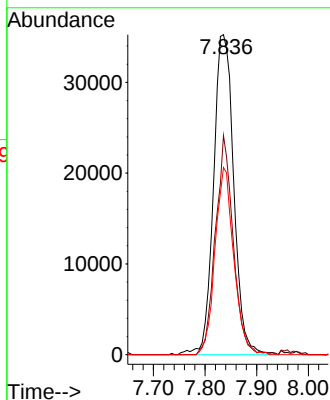
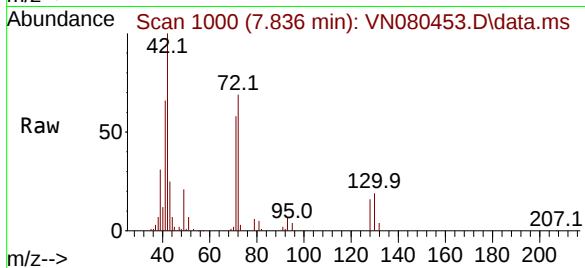
Tgt Ion:	42	Resp:	95834
Ion Ratio	Lower	Upper	
42	100		
72	60.4	49.8	74.6
71	54.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 20.751 ug/l

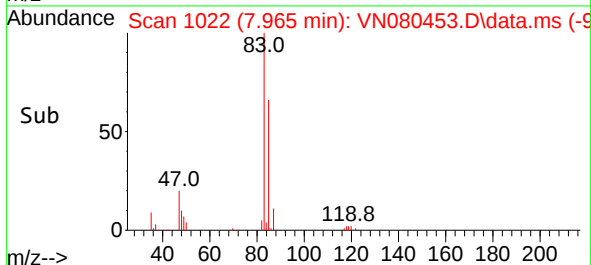
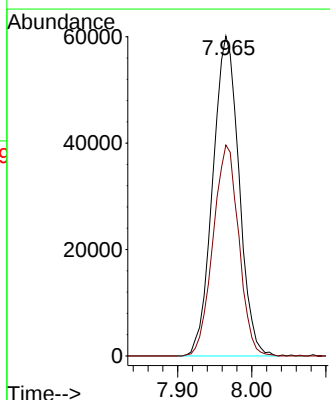
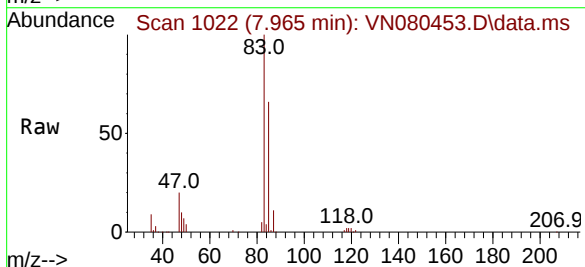
RT: 7.965 min Scan# 1022

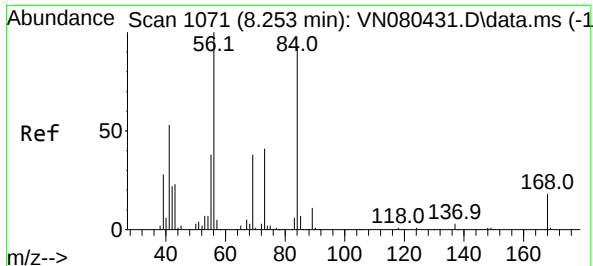
Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

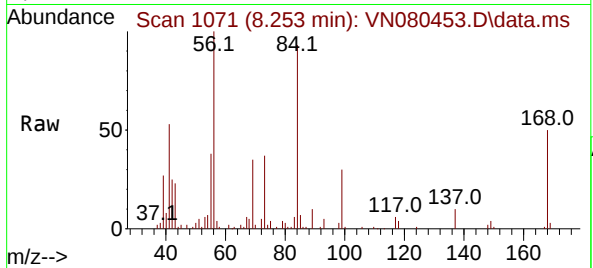
Tgt Ion:	83	Resp:	147707
Ion Ratio	Lower	Upper	
83	100		
85	65.9	55.4	83.0





#31
Cyclohexane
Concen: 19.151 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

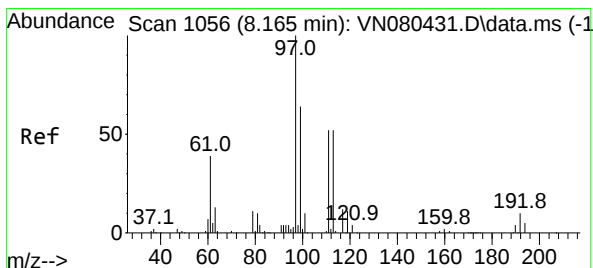
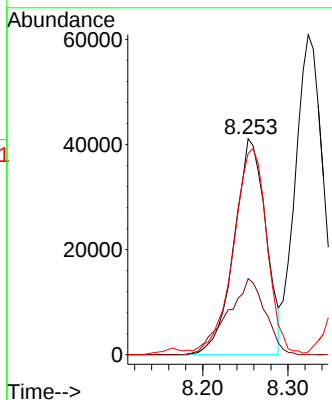
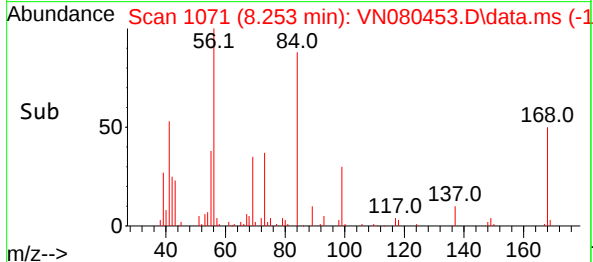
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



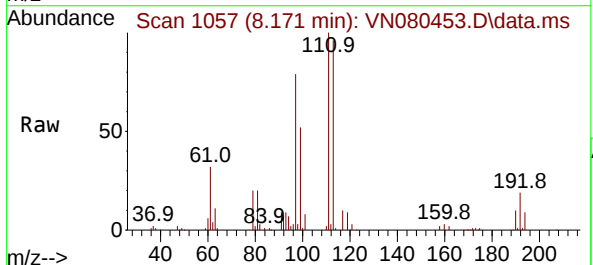
Tgt Ion: 56 Resp: 106504
Ion Ratio Lower Upper
56 100
69 35.2 26.8 40.2
84 90.9 81.8 122.6

Manual Integrations
APPROVED

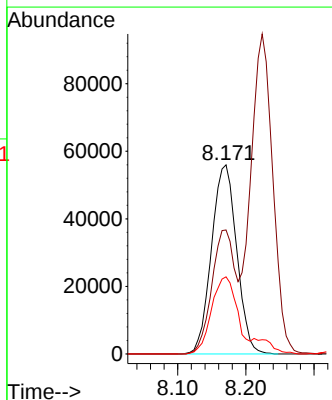
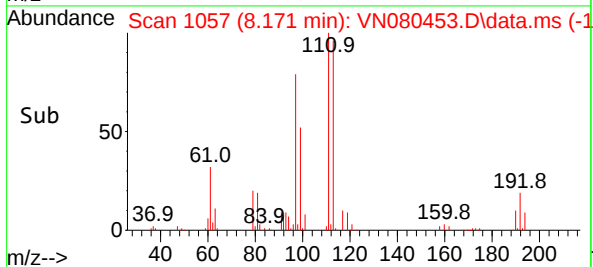
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

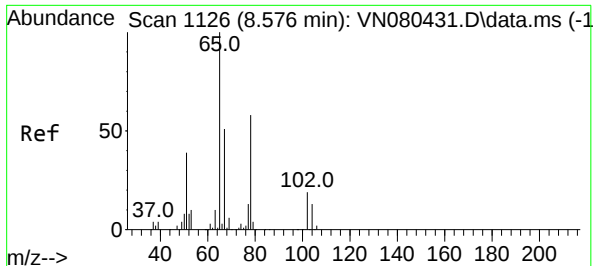


#32
1,1,1-Trichloroethane
Concen: 20.657 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



Tgt Ion: 97 Resp: 143972
Ion Ratio Lower Upper
97 100
99 60.5 50.3 75.5
61 41.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.038 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion: 65 Resp: 229164

Ion Ratio Lower Upper

65 100

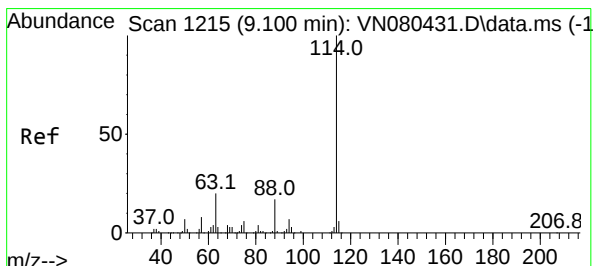
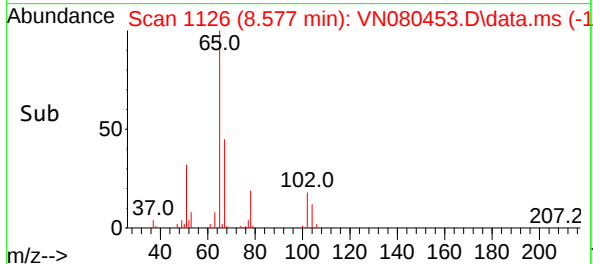
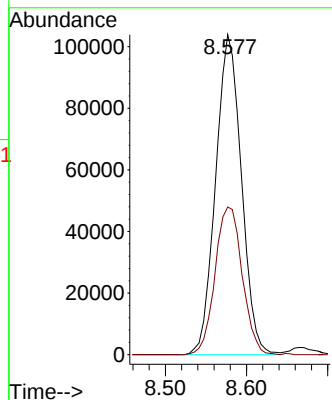
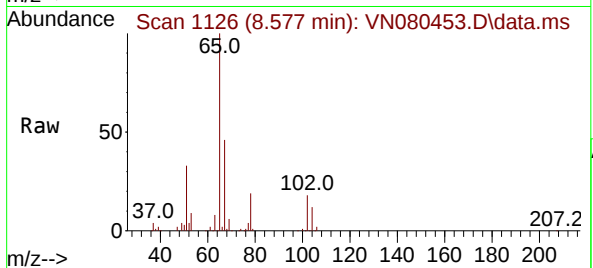
67 48.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

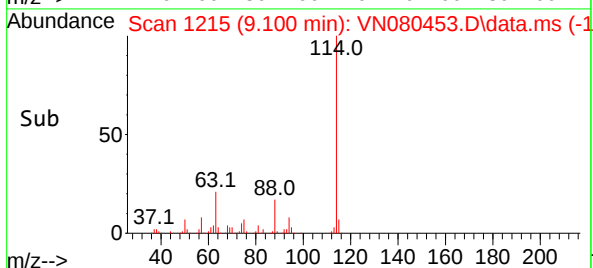
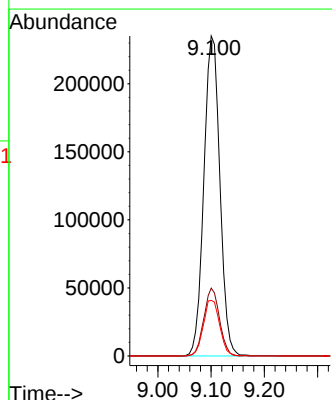
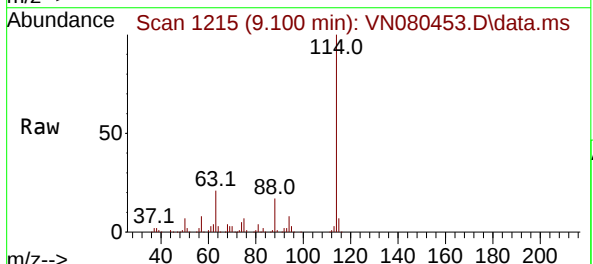
Tgt Ion:114 Resp: 491480

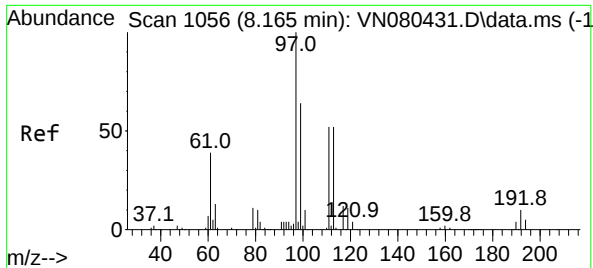
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

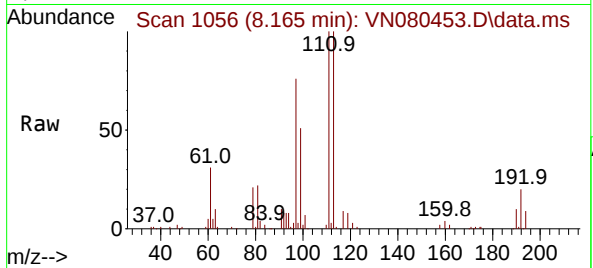
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.627 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

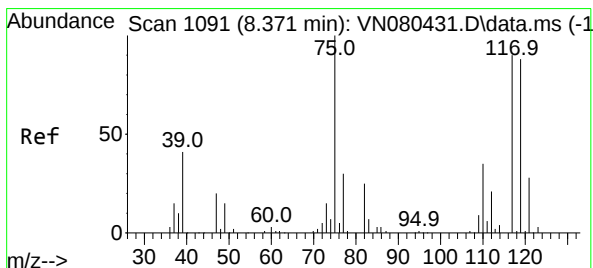
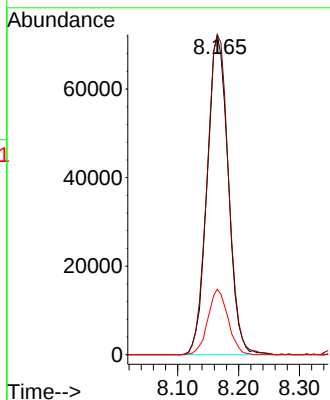
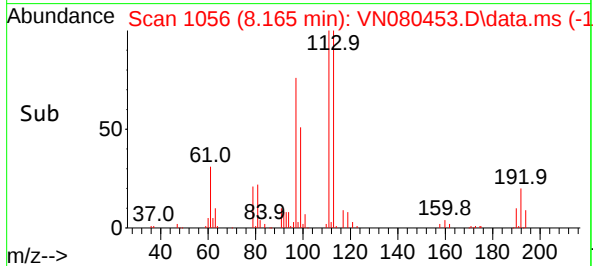
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



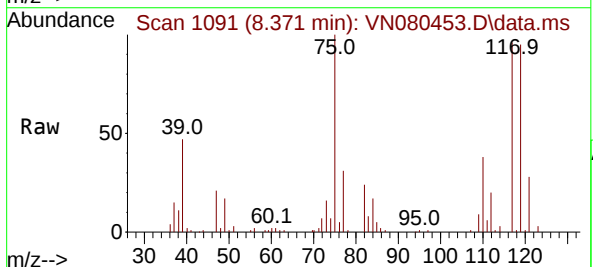
Tgt Ion: 113 Resp: 17334
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.5 12.7 19.1

Manual Integrations
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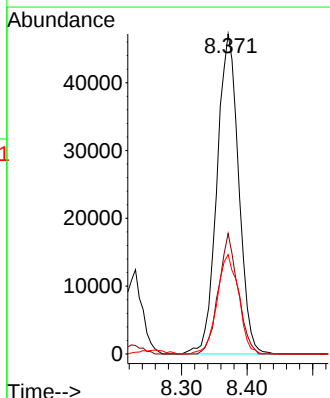
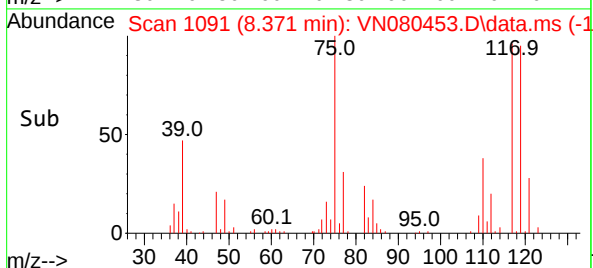
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

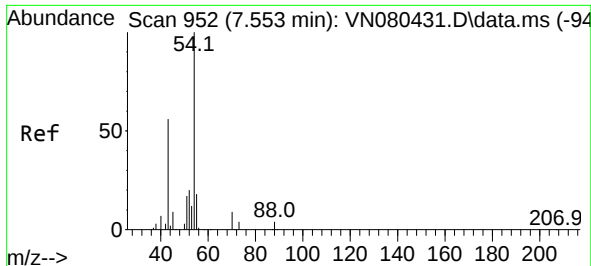


#36
1,1-Dichloropropene
Concen: 21.194 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



Tgt Ion: 75 Resp: 107989
Ion Ratio Lower Upper
75 100
110 33.8 19.1 57.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 19.969 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion: 43 Resp: 63714

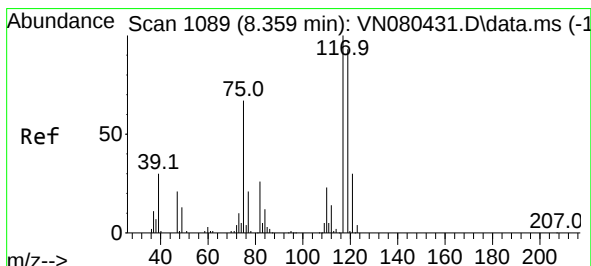
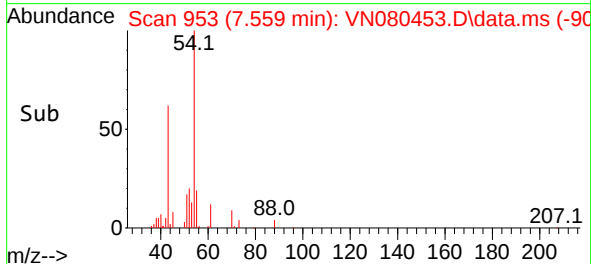
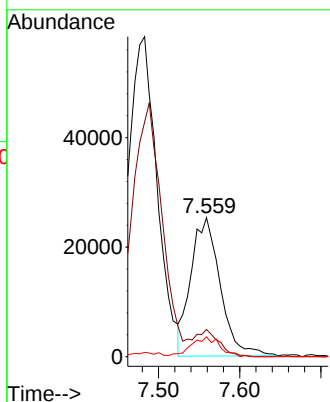
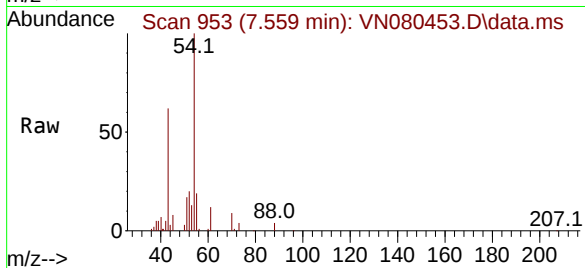
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	13.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#38

Carbon Tetrachloride

Concen: 21.574 ug/l

RT: 8.365 min Scan# 1090

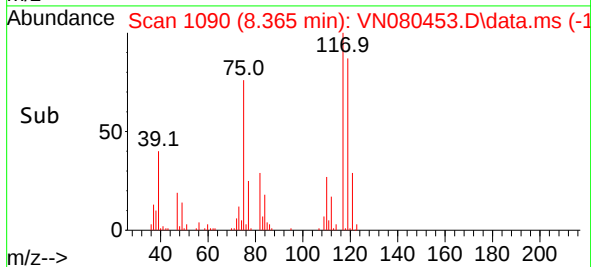
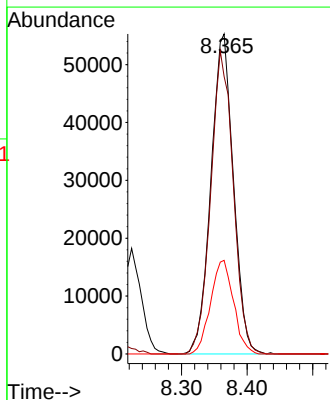
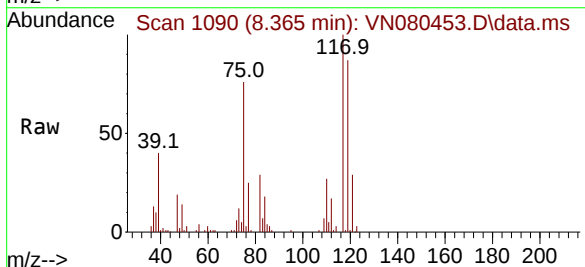
Delta R.T. 0.006 min

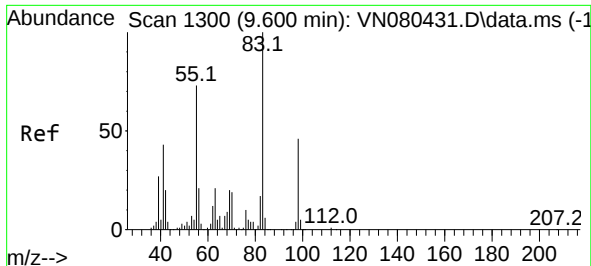
Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Tgt Ion:117 Resp: 131343

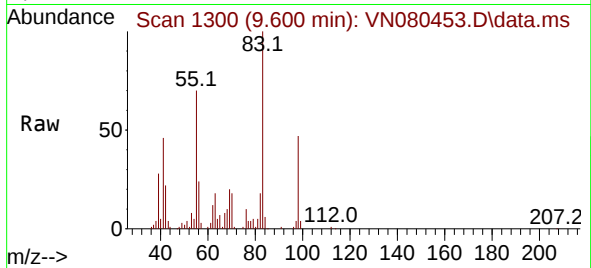
Ion	Ratio	Lower	Upper
117	100		
119	86.7	77.3	115.9
121	29.3	23.3	34.9





#39
Methylcyclohexane
Concen: 20.202 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

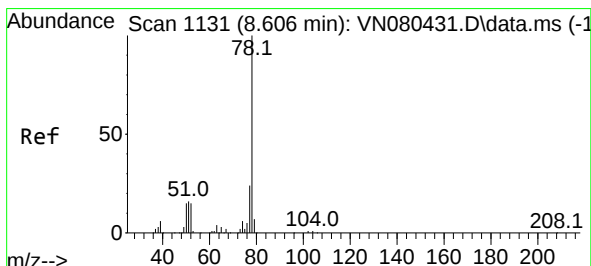
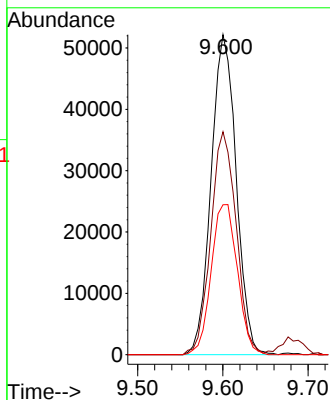
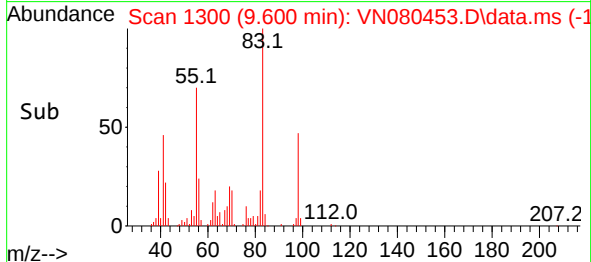
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



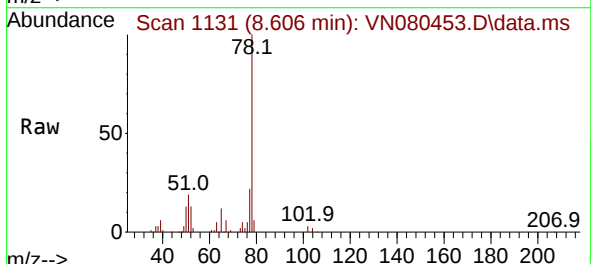
Tgt Ion: 83 Resp: 10693
Ion Ratio Lower Upper
83 100
55 69.7 49.1 73.7
98 46.8 40.6 61.0

Manual Integrations
APPROVED

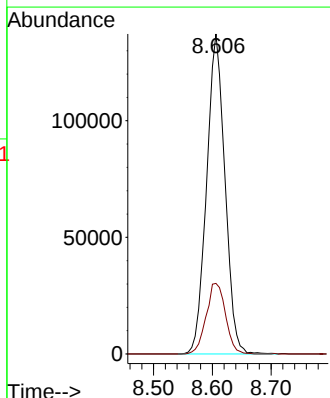
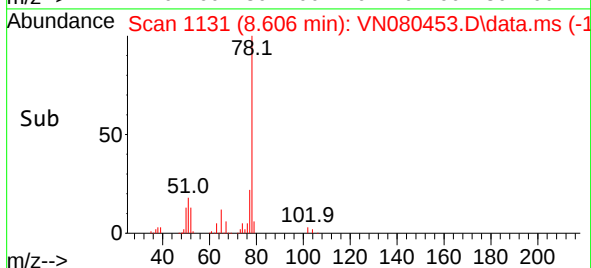
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

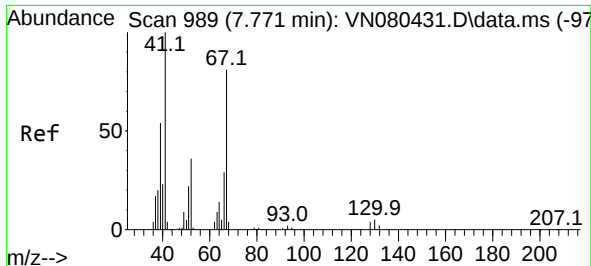


#40
Benzene
Concen: 20.205 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



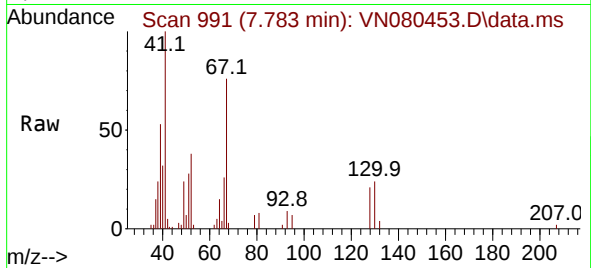
Tgt Ion: 78 Resp: 297282
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.6





#41
Methacrylonitrile
Concen: 19.643 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

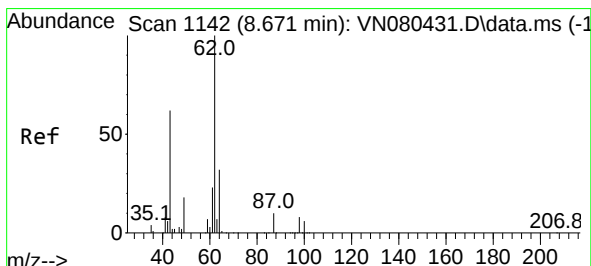
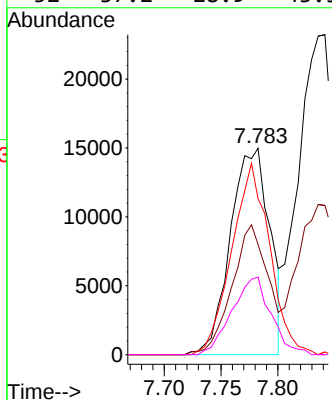
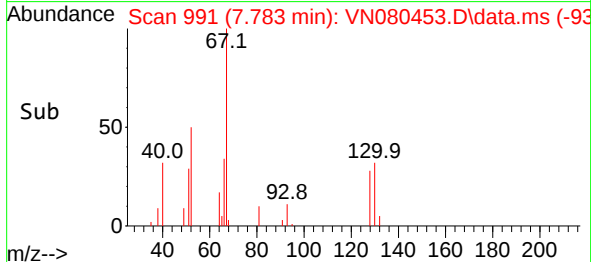
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 41 Resp: 3613
Ion Ratio Lower Upper
41 100
39 57.4 42.6 64.0
67 89.6 77.5 116.3
52 37.2 28.9 43.3

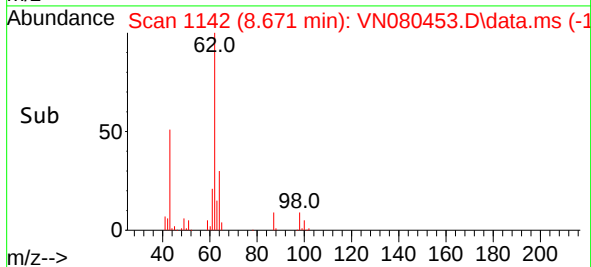
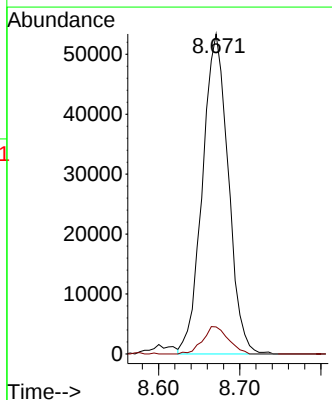
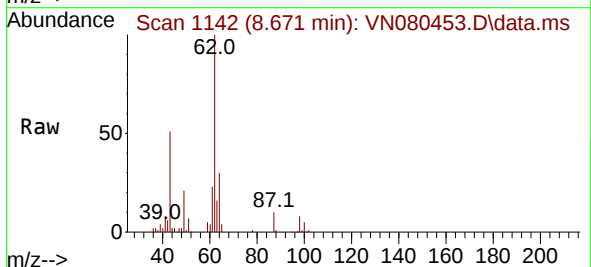
Manual Integrations
APPROVED

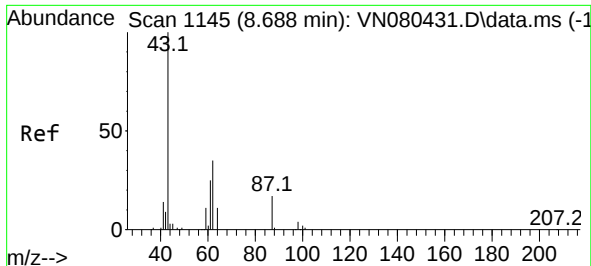
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 21.661 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

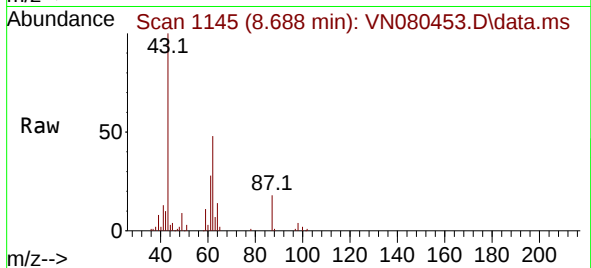
Tgt Ion: 62 Resp: 118016
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.666 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

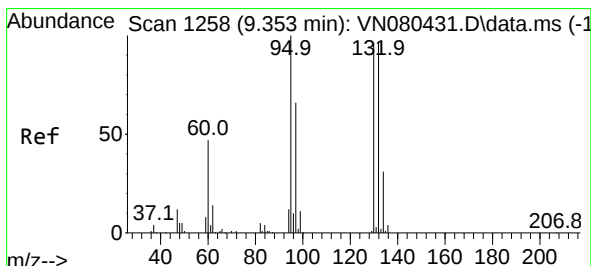
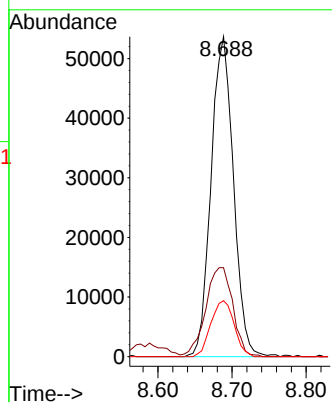
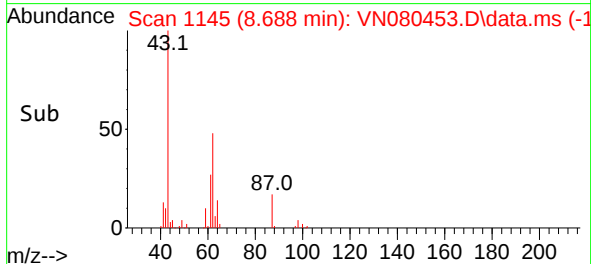
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 43 Resp: 112819
Ion Ratio Lower Upper
43 100
61 33.7 24.7 37.1
87 18.2 14.6 21.8

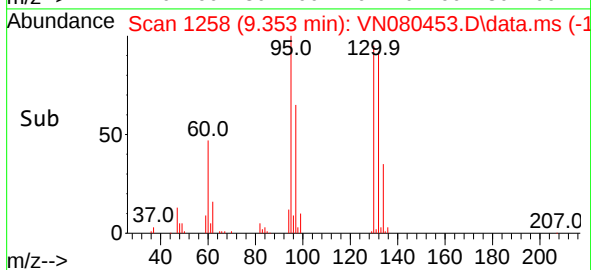
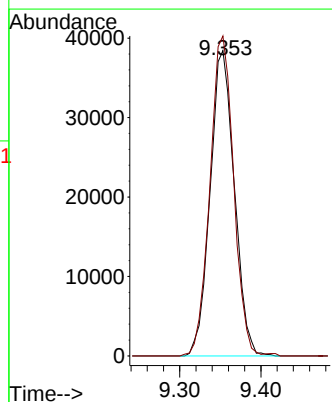
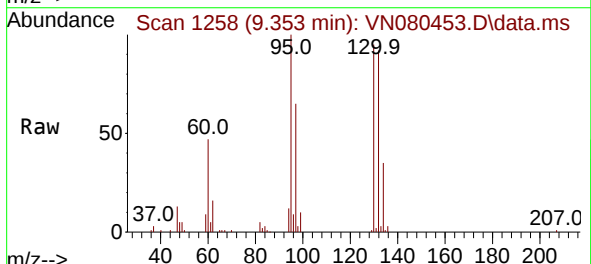
Manual Integrations
APPROVED

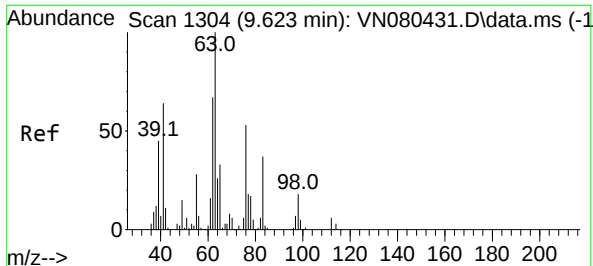
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 20.055 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion:130 Resp: 79547
Ion Ratio Lower Upper
130 100
95 104.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.648 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion: 63 Resp: 71352

Ion Ratio Lower Upper

63 100

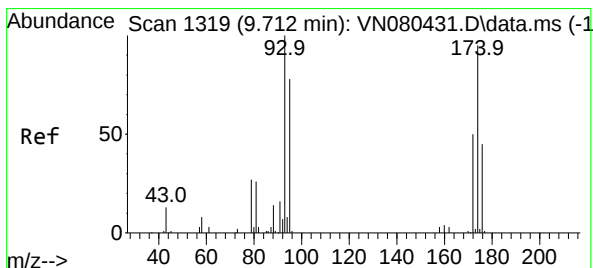
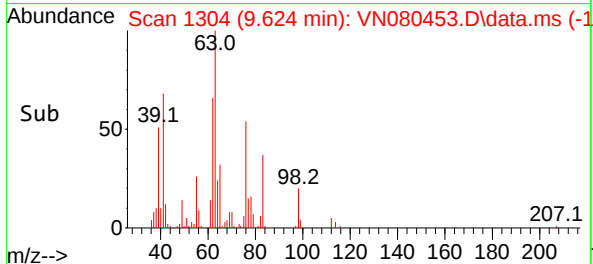
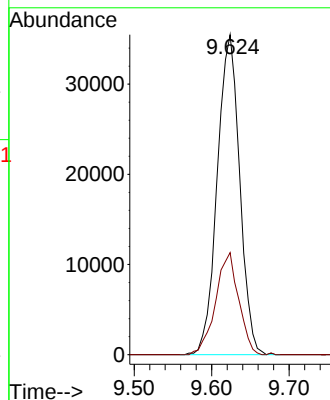
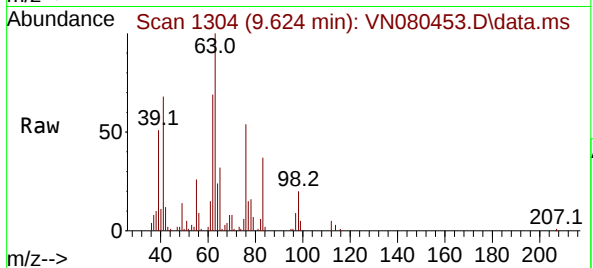
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 20.755 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

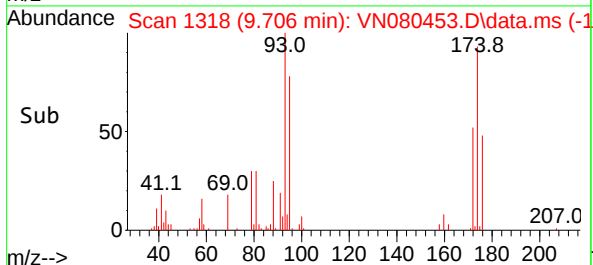
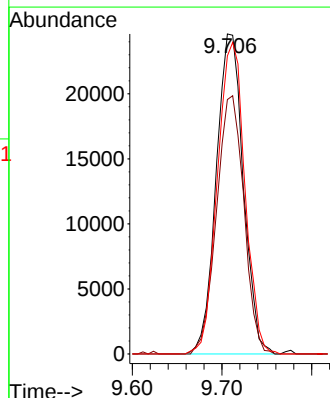
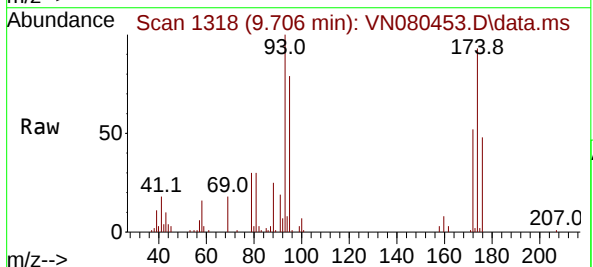
Tgt Ion: 93 Resp: 51507

Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

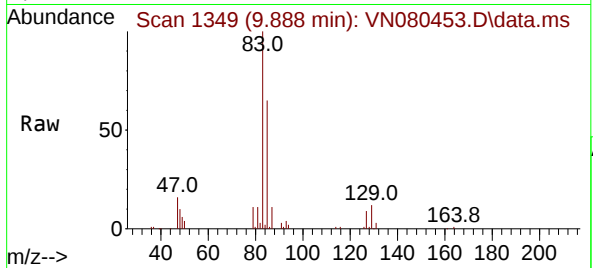
174 98.9 65.6 98.4#





#47
Bromodichloromethane
Concen: 21.728 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

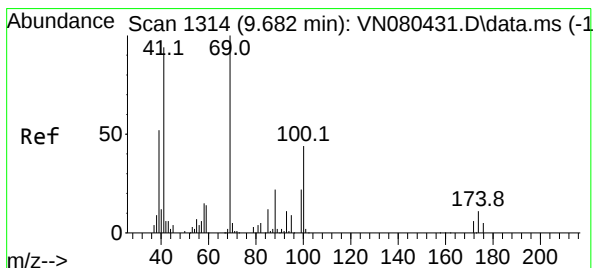
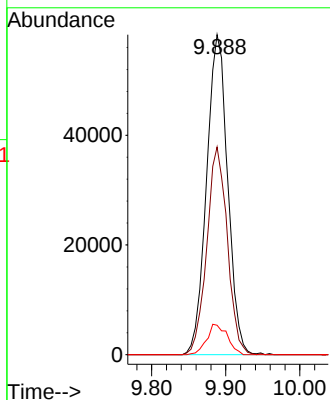
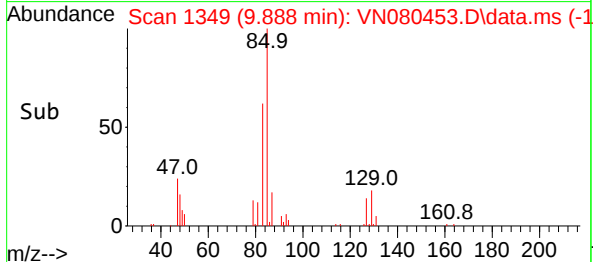
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



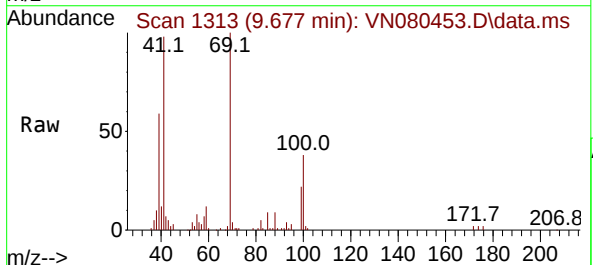
Tgt Ion: 83 Resp: 11556
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 9.2 7.0 10.6

Manual Integrations
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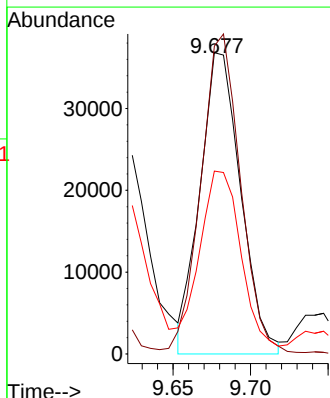
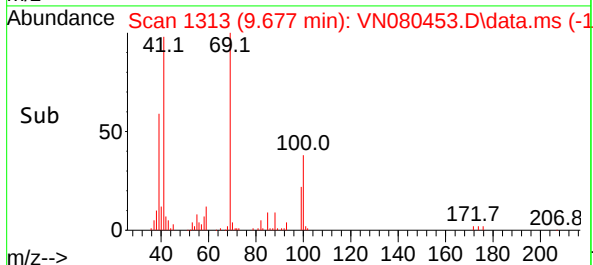
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

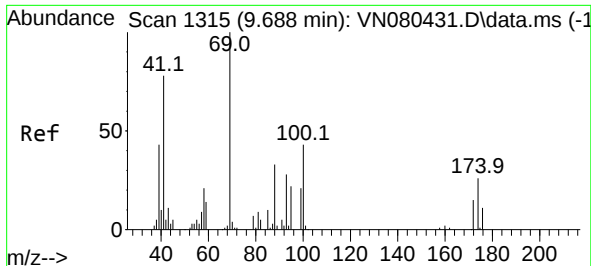


#48
Methyl methacrylate
Concen: 19.664 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



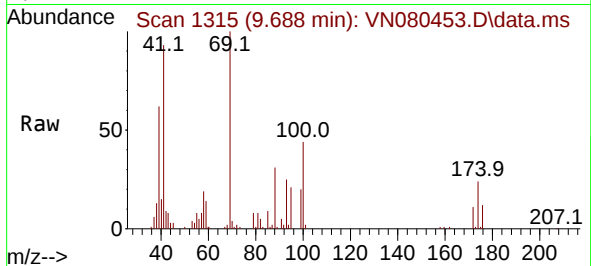
Tgt Ion: 41 Resp: 67320
Ion Ratio Lower Upper
41 100
69 103.9 90.4 135.6
39 64.0 54.6 81.8





#49
1,4-Dioxane
Concen: 355.211 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

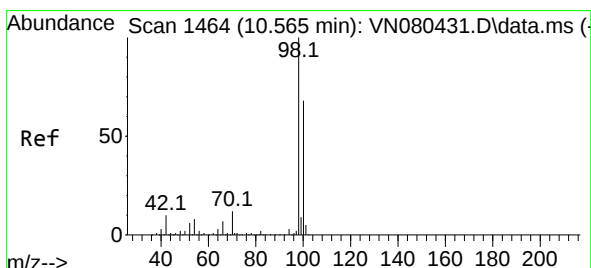
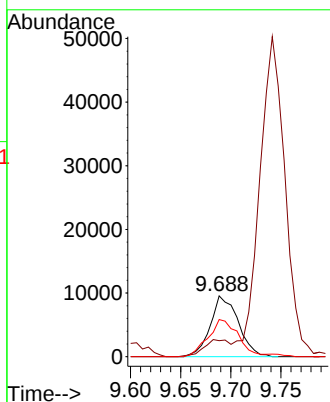
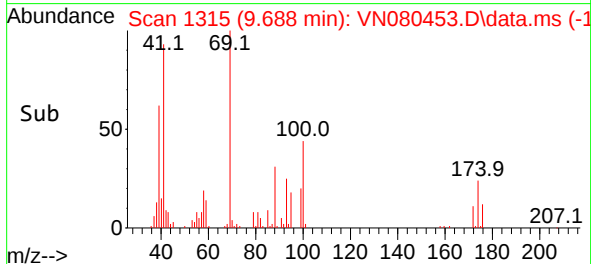
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 88 Resp: 18432
Ion Ratio Lower Upper
88 100
43 26.2 17.0 25.6
58 68.4 47.0 70.4

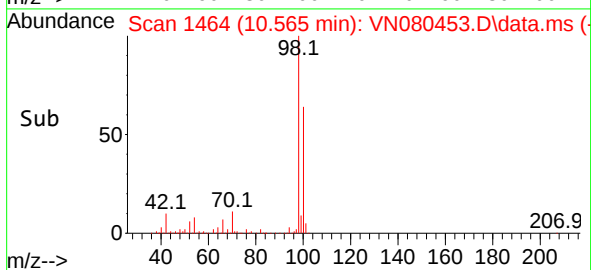
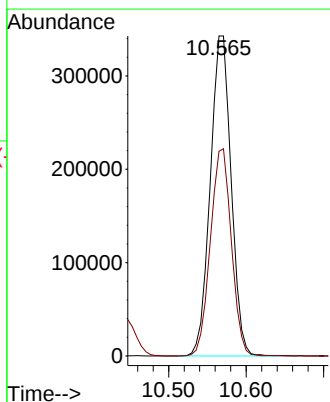
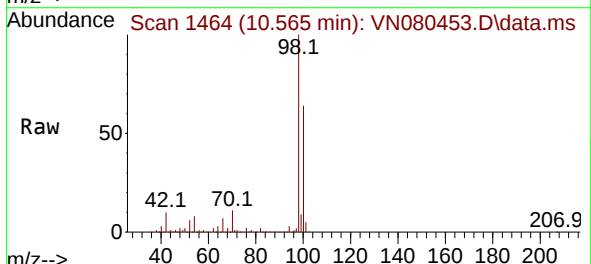
Manual Integrations
APPROVED

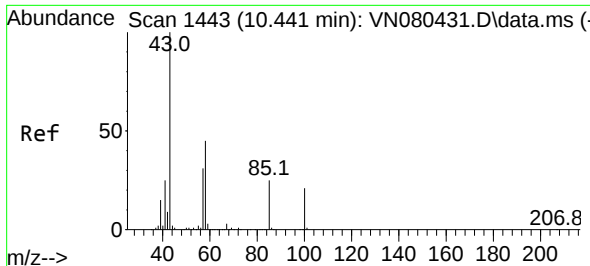
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#50
Toluene-d8
Concen: 55.201 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

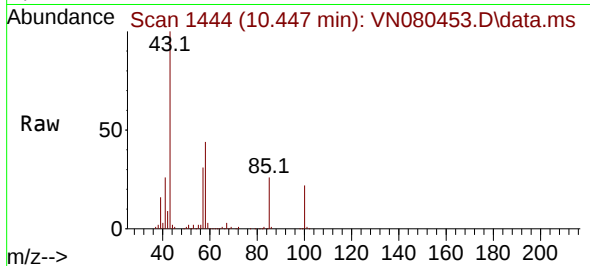
Tgt Ion: 98 Resp: 641527
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 102.386 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

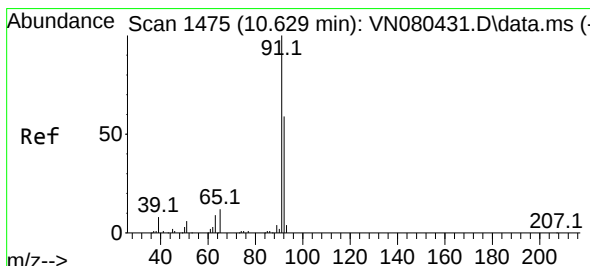
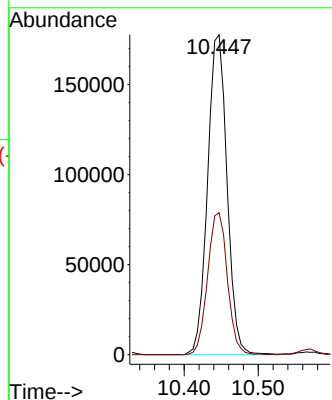
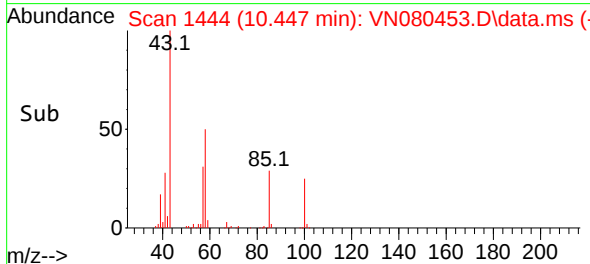
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 43 Resp: 323480
Ion Ratio Lower Upper
43 100
58 45.1 36.6 54.8

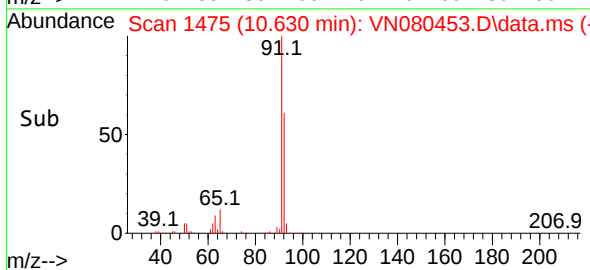
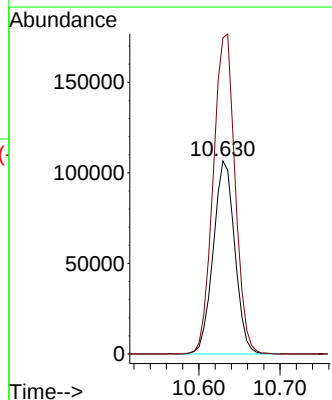
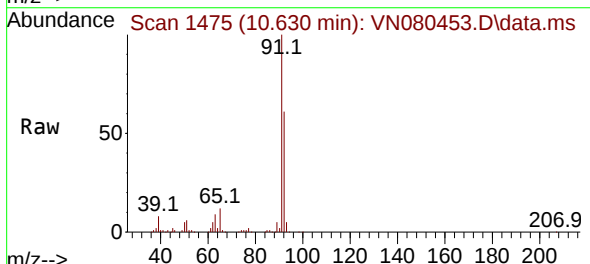
Manual Integrations
APPROVED

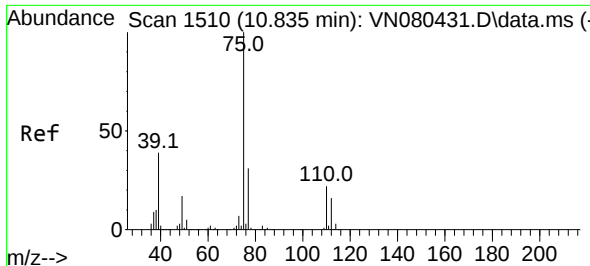
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 21.142 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

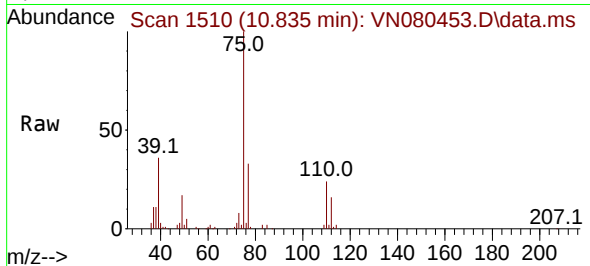
Tgt Ion: 92 Resp: 196508
Ion Ratio Lower Upper
92 100
91 168.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.764 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

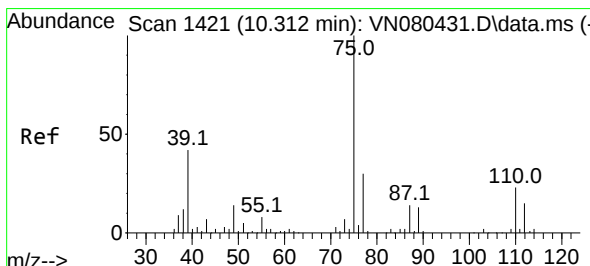
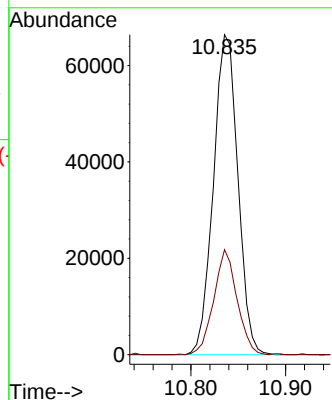
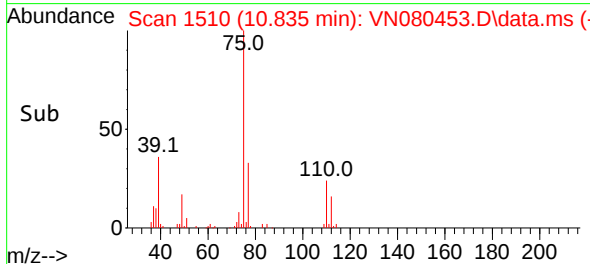
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 75 Resp: 11948
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

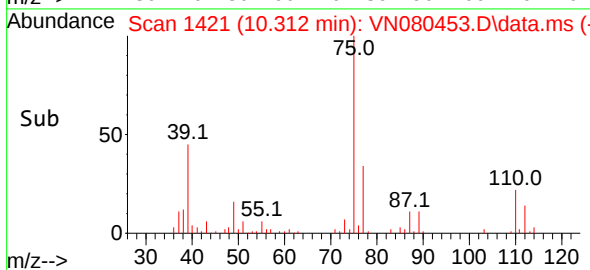
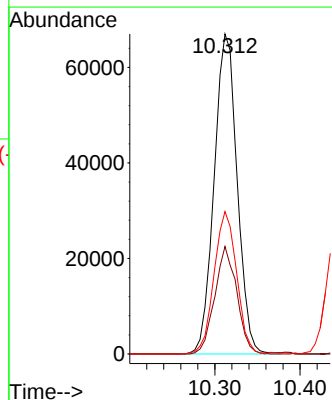
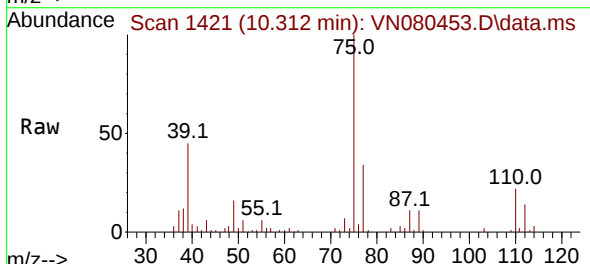
Manual Integrations
APPROVED

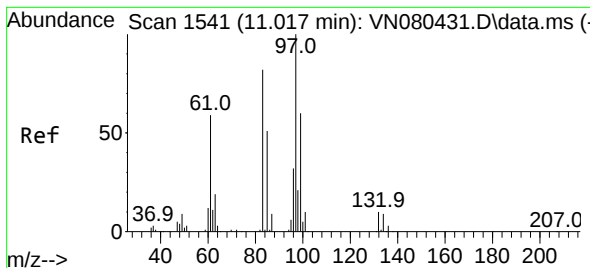
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#54
cis-1,3-Dichloropropene
Concen: 20.470 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion: 75 Resp: 125906
Ion Ratio Lower Upper
75 100
77 33.6 26.1 39.1
39 44.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.671 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion: 97 Resp: 6913

Ion Ratio Lower Upper

97 100

83 85.1 65.1 97.7

85 53.1 43.4 65.2

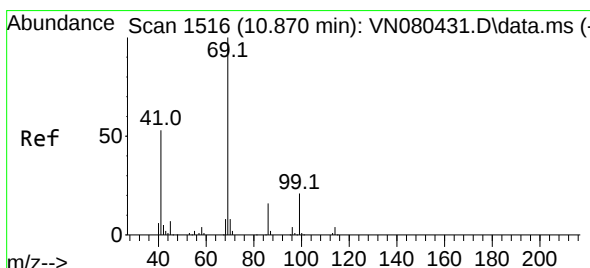
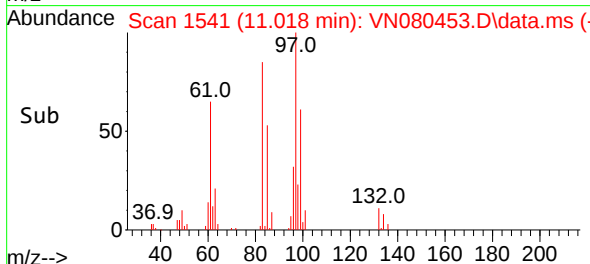
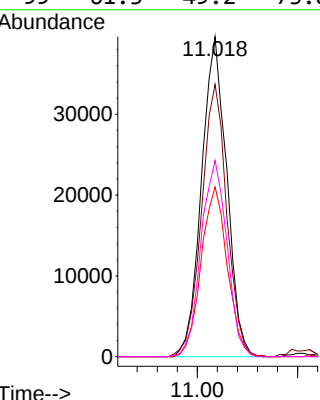
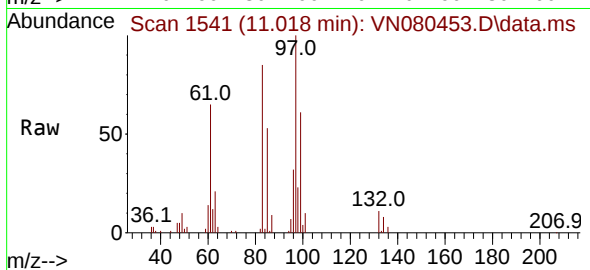
99 61.3 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#56

Ethyl methacrylate

Concen: 20.229 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

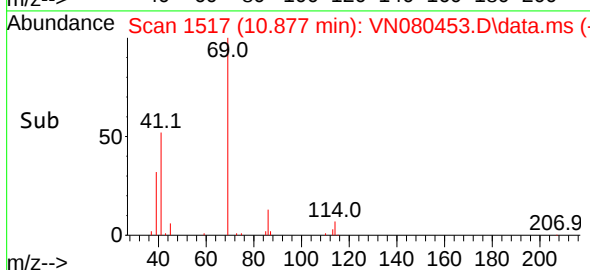
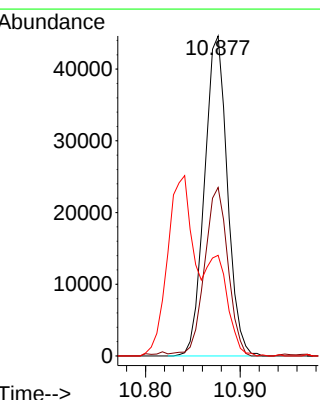
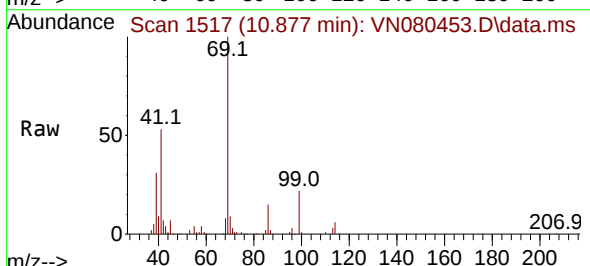
Tgt Ion: 69 Resp: 74902

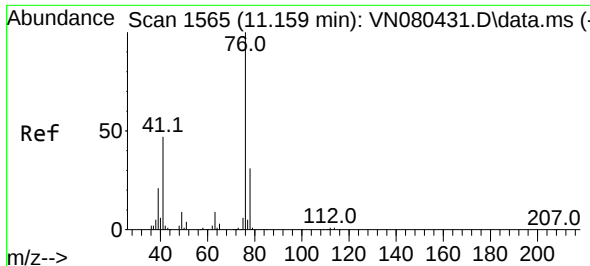
Ion Ratio Lower Upper

69 100

41 53.7 39.6 59.4

39 0.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 20.792 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion: 76 Resp: 121900

Ion Ratio Lower Upper

76 100

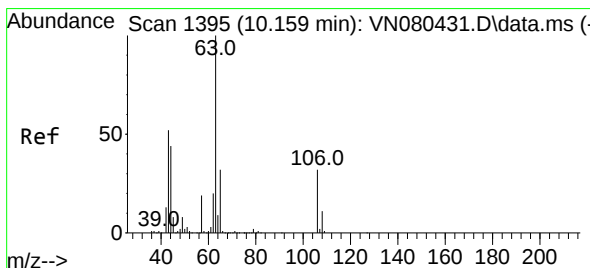
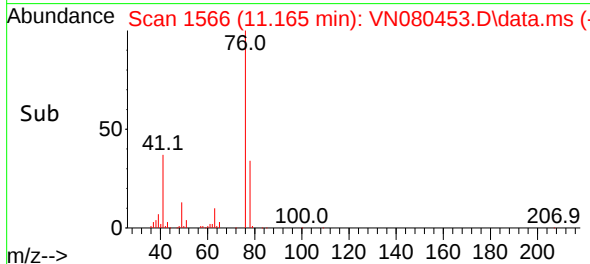
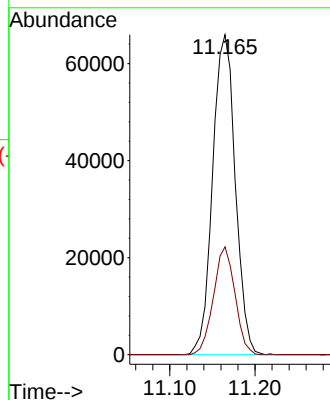
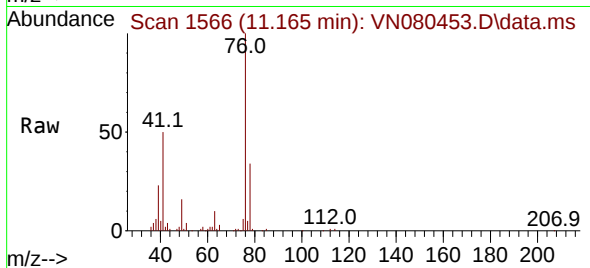
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.754 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080453.D

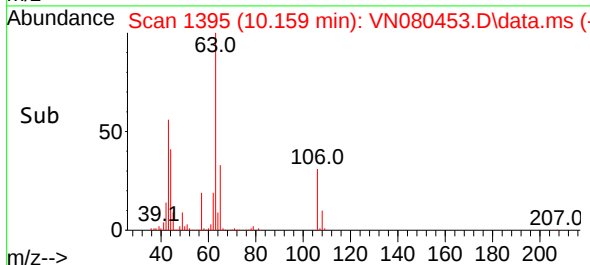
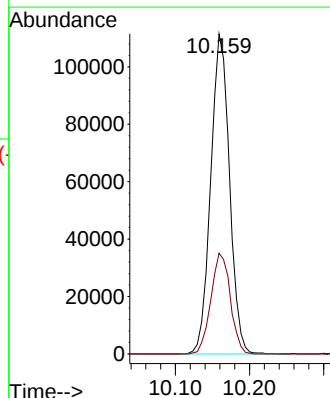
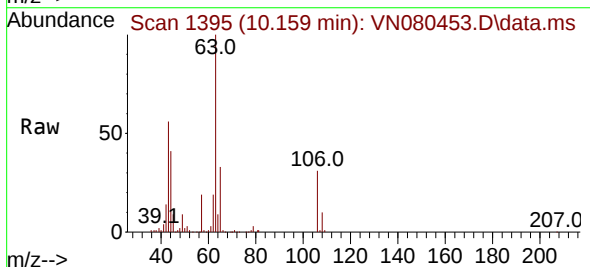
Acq: 13 Dec 2023 11:32

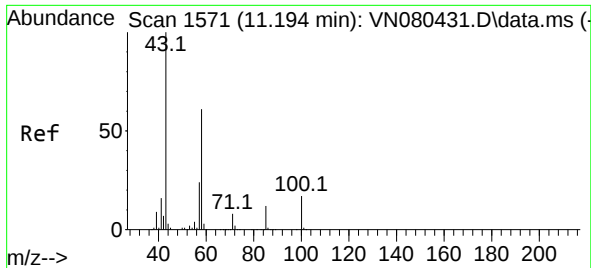
Tgt Ion: 63 Resp: 195779

Ion Ratio Lower Upper

63 100

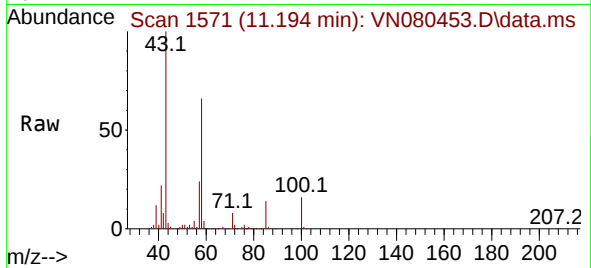
106 32.5 26.2 39.4





#59
2-Hexanone
Concen: 100.088 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

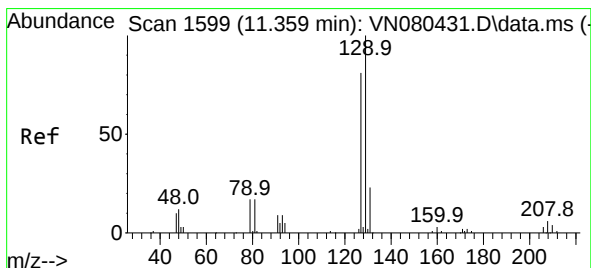
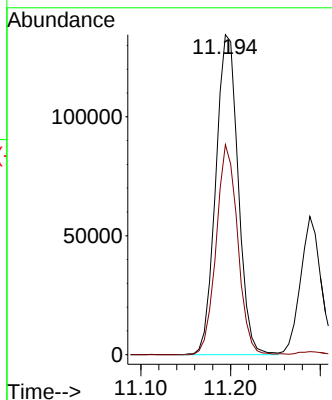
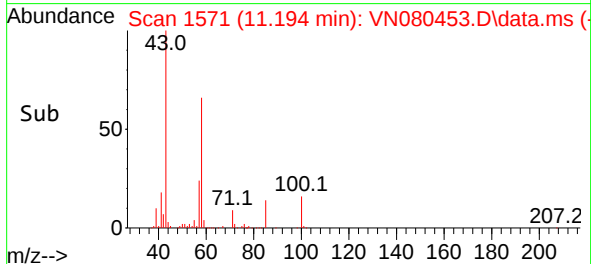
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 43 Resp: 233454
Ion Ratio Lower Upper
43 100
58 62.9 31.7 95.1

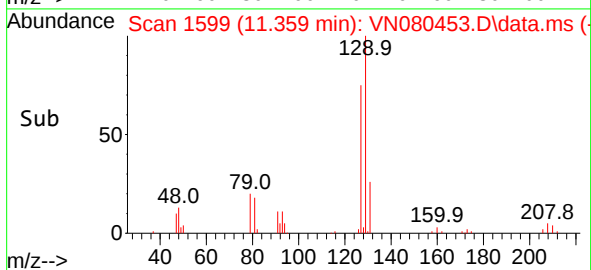
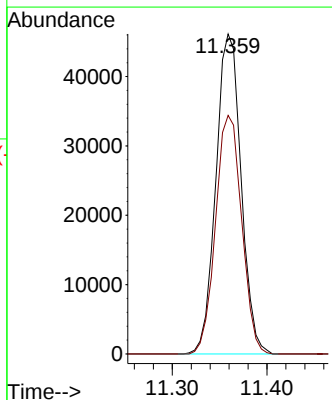
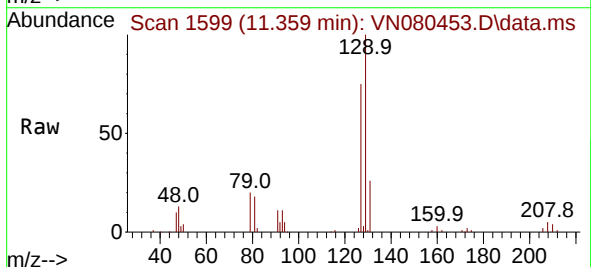
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#60
Dibromochloromethane
Concen: 21.525 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

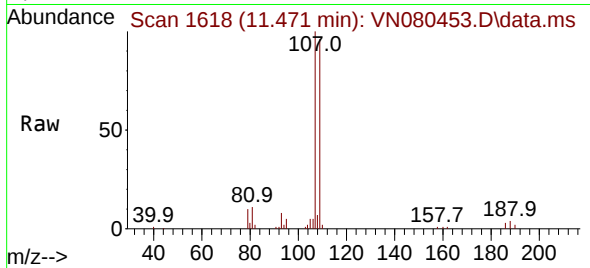
Tgt Ion:129 Resp: 85306
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.918 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

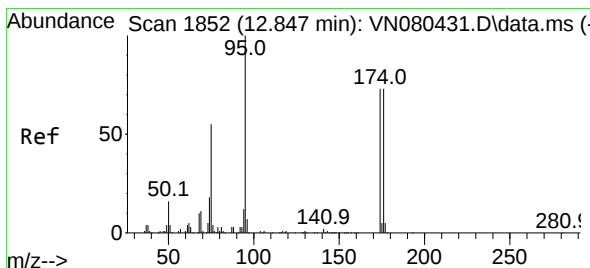
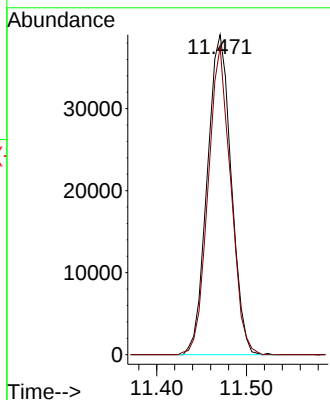
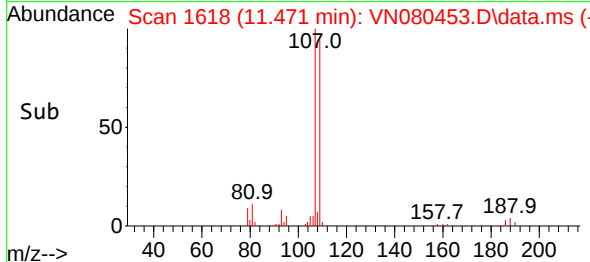
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



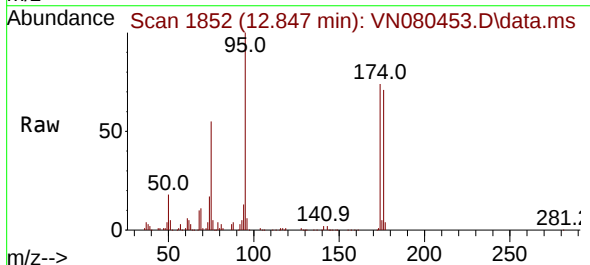
Tgt Ion:107 Resp: 72405
Ion Ratio Lower Upper
107 100
109 90.8 76.6 114.8

Manual Integrations
APPROVED

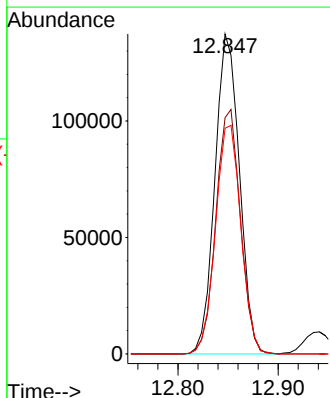
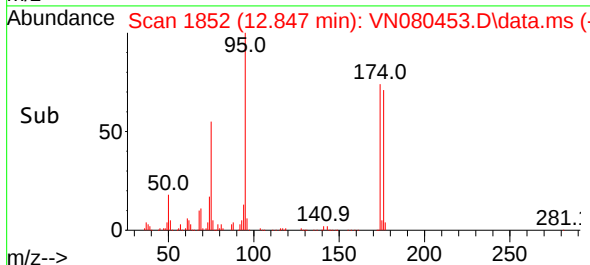
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

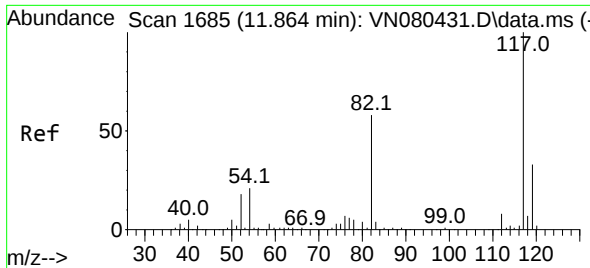


#62
4-Bromofluorobenzene
Concen: 52.787 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



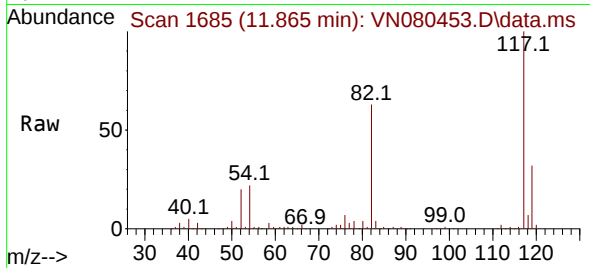
Tgt Ion: 95 Resp: 232955
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 74.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

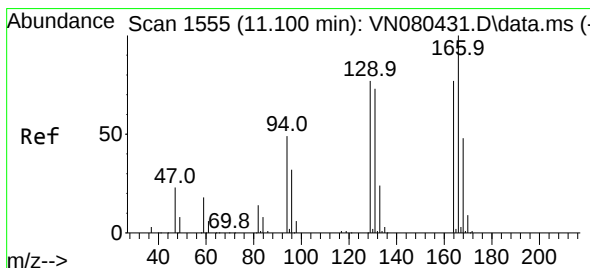
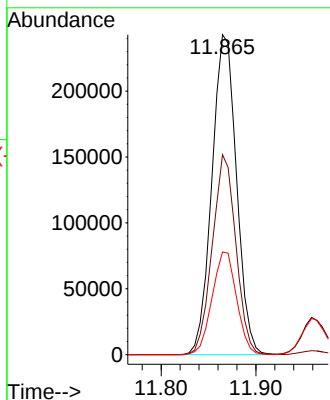
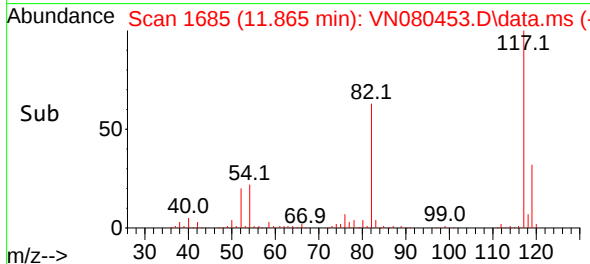
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion:117 Resp: 43827
Ion Ratio Lower Upper
117 100
82 62.5 44.0 66.0
119 32.1 25.6 38.4

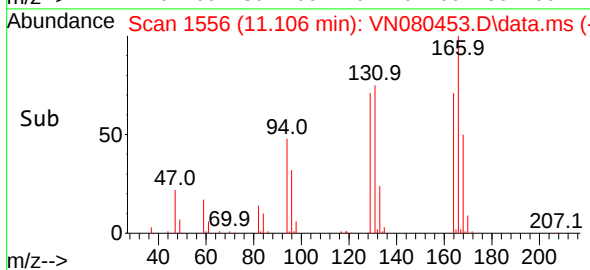
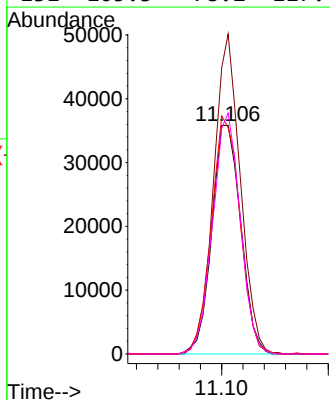
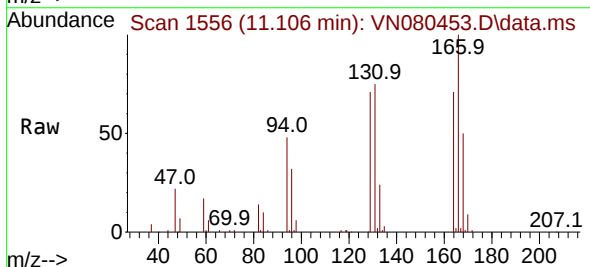
Manual Integrations
APPROVED

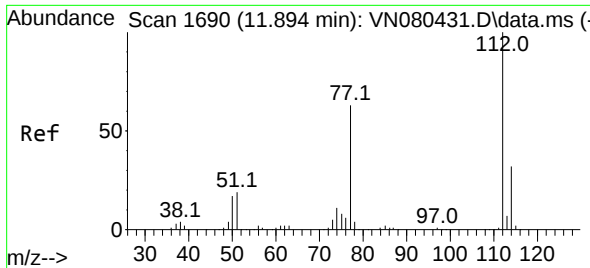
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 19.927 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion:164 Resp: 67431
Ion Ratio Lower Upper
164 100
166 140.0 101.4 152.0
129 99.0 82.4 123.6
131 105.3 78.2 117.4





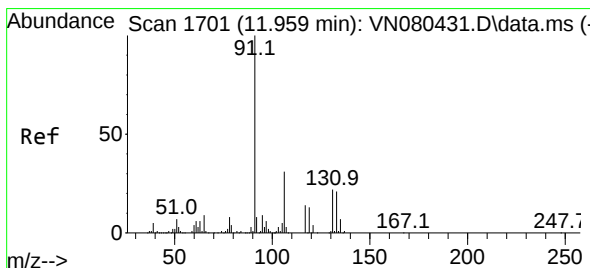
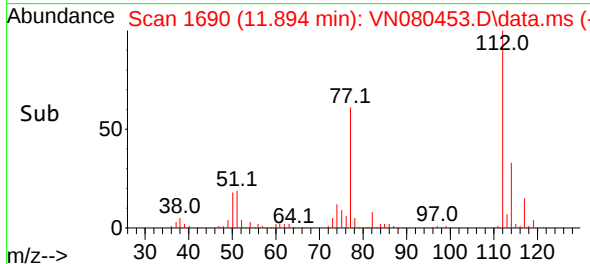
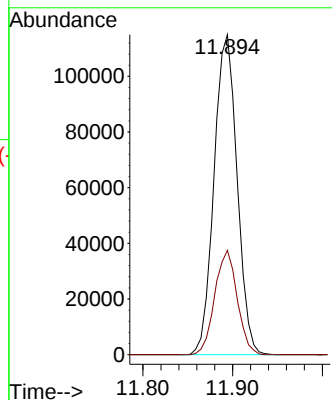
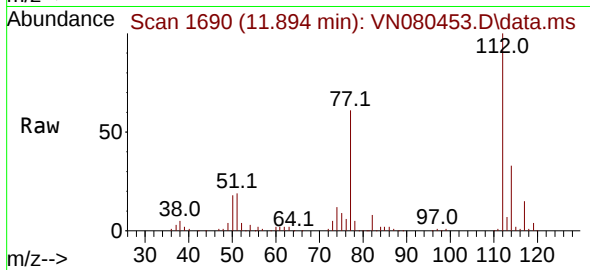
#65
Chlorobenzene
Concen: 21.004 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:112 Resp: 20478
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

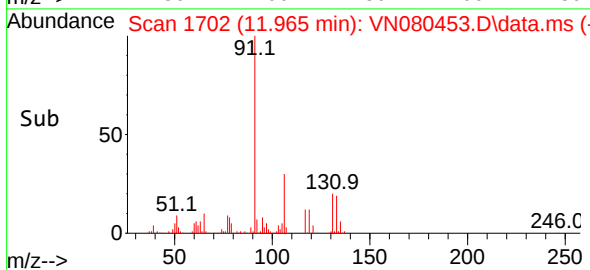
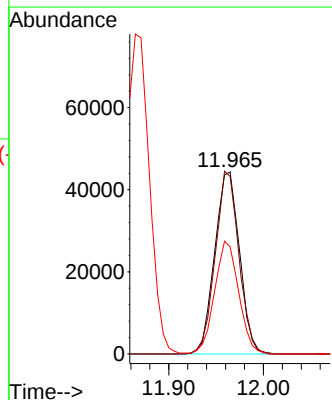
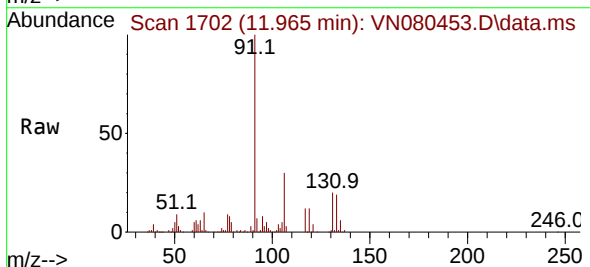
Manual Integrations
APPROVED

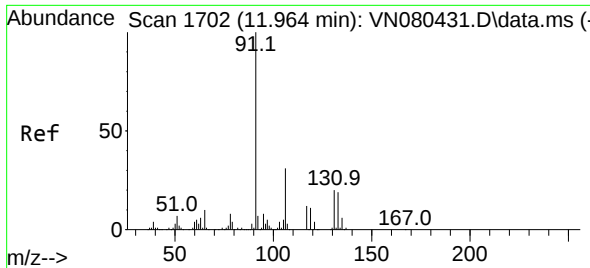
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.066 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion:131 Resp: 80588
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 60.2 34.1 102.2





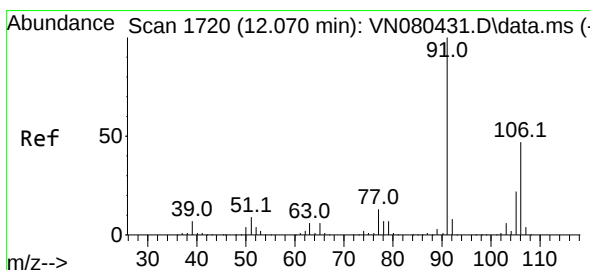
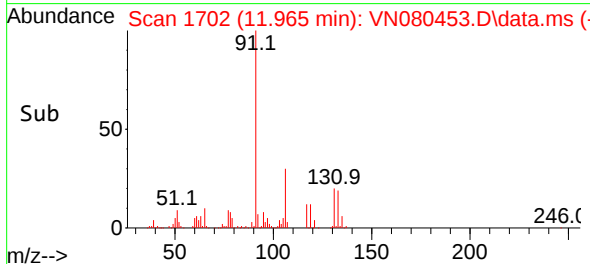
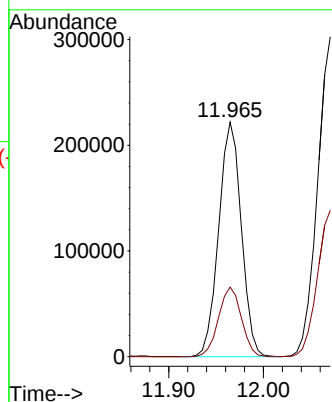
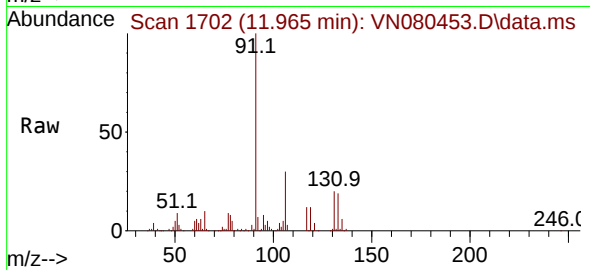
#67
Ethyl Benzene
Concen: 20.529 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 91 Resp: 36802
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

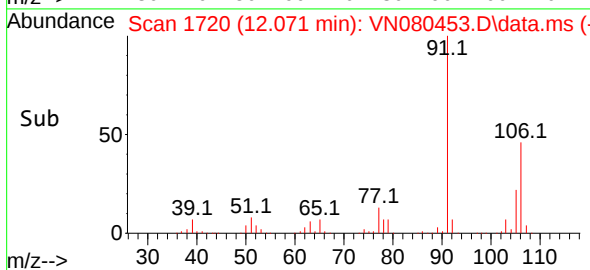
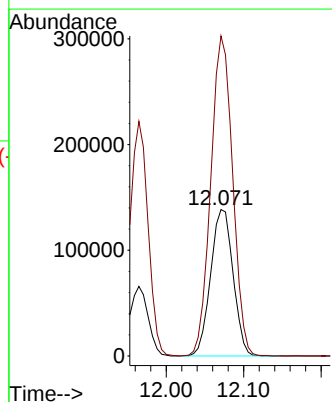
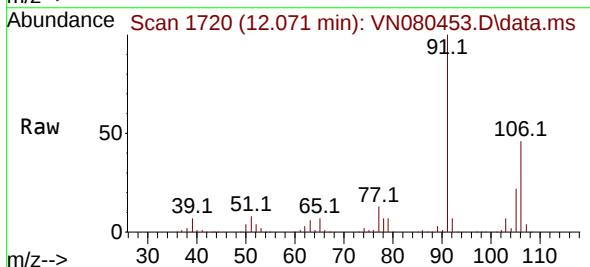
Manual Integrations
APPROVED

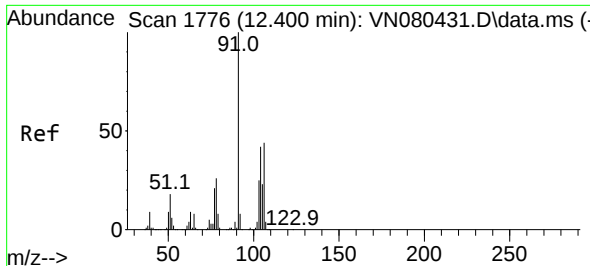
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#68
m/p-Xylenes
Concen: 42.038 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

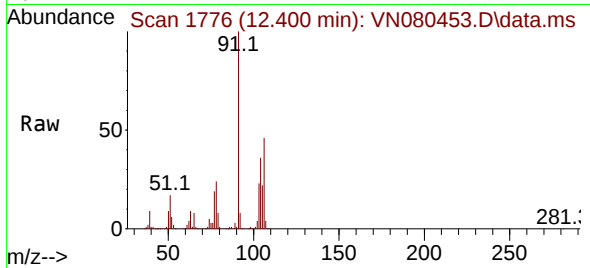
Tgt Ion:106 Resp: 278476
Ion Ratio Lower Upper
106 100
91 213.3 159.6 239.4





#69
o-Xylene
Concen: 20.833 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

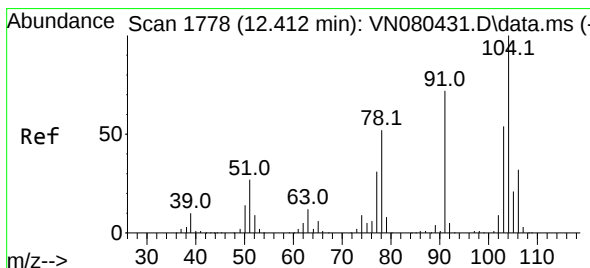
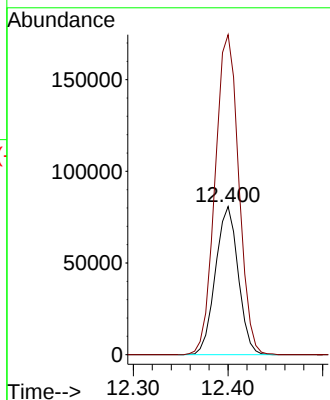
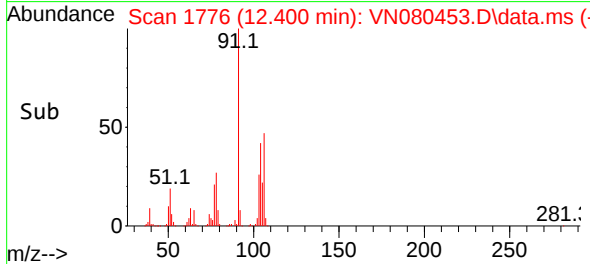
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion:106 Resp: 134988
Ion Ratio Lower Upper
106 100
91 224.6 105.2 315.5

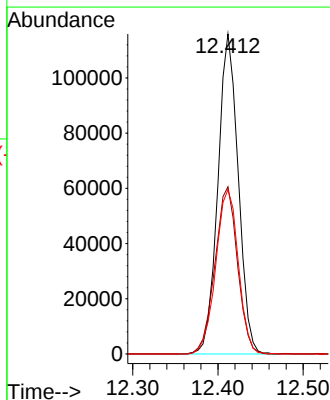
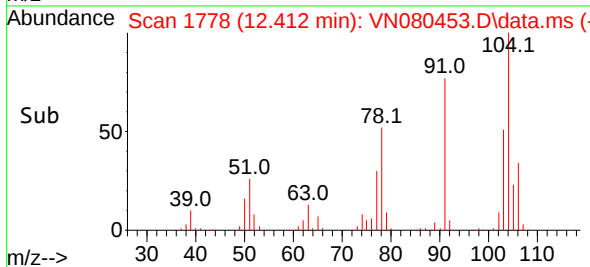
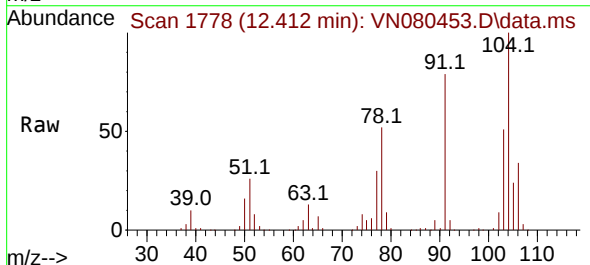
Manual Integrations
APPROVED

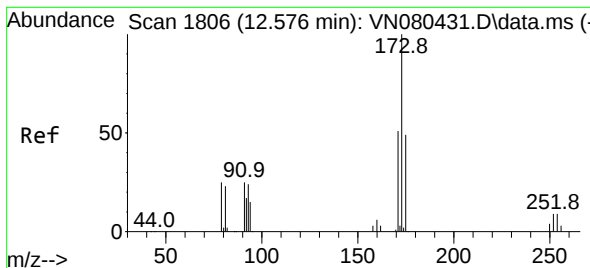
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 20.648 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion:104 Resp: 192707
Ion Ratio Lower Upper
104 100
78 57.6 39.5 59.3
103 56.8 43.2 64.8





#71

Bromoform

Concen: 19.588 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

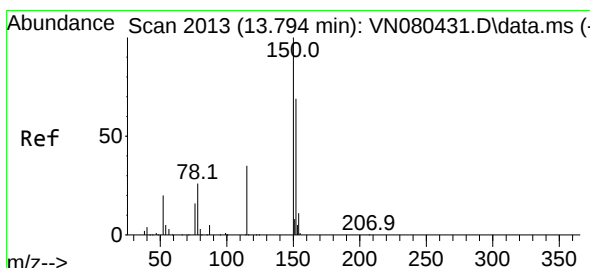
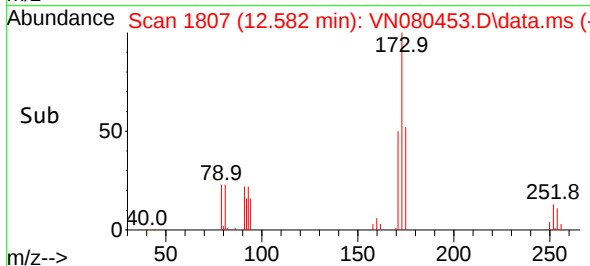
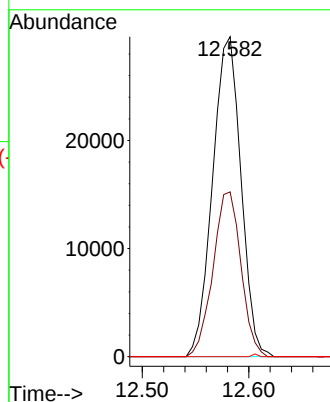
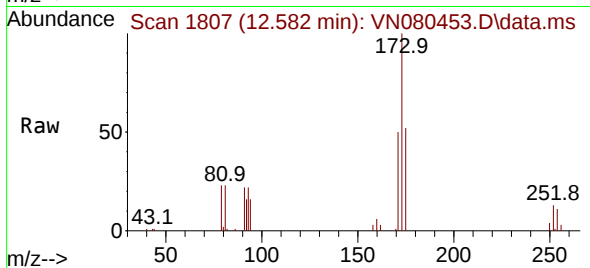
VN1213WBS01

Tgt Ion:173 Resp: 5464
 Ion Ratio Lower Upper
 173 100
 175 50.8 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

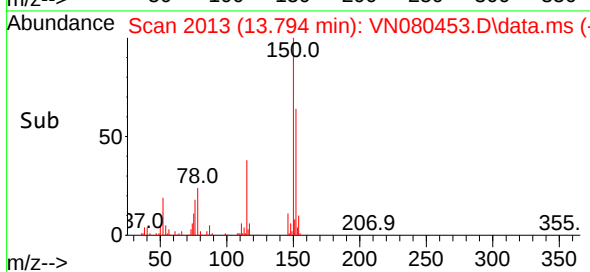
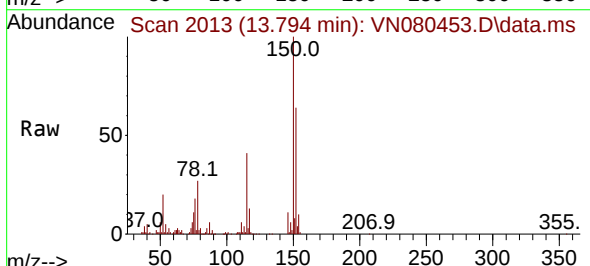
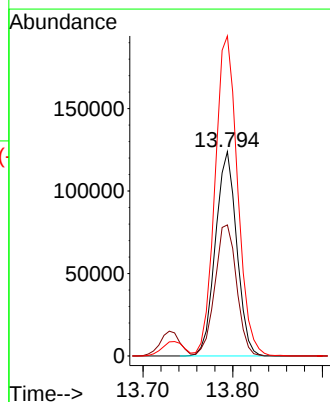
RT: 13.794 min Scan# 2013

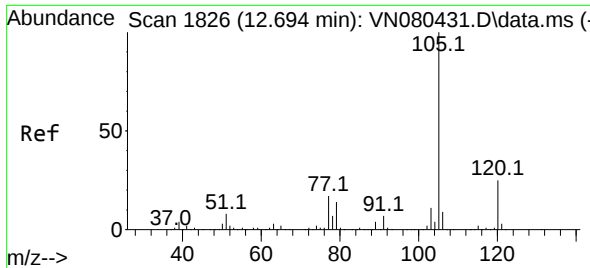
Delta R.T. 0.000 min

Lab File: VN080453.D

Acq: 13 Dec 2023 11:32

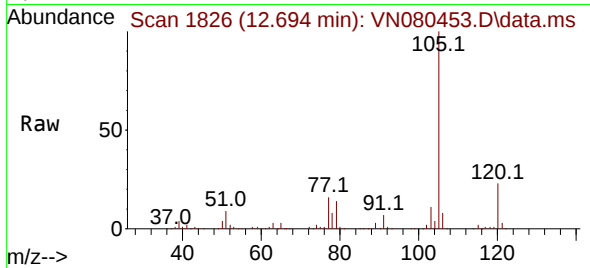
Tgt Ion:152 Resp: 204107
 Ion Ratio Lower Upper
 152 100
 115 65.3 32.3 96.8
 150 165.9 0.0 355.8





#73
Isopropylbenzene
Concen: 21.414 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

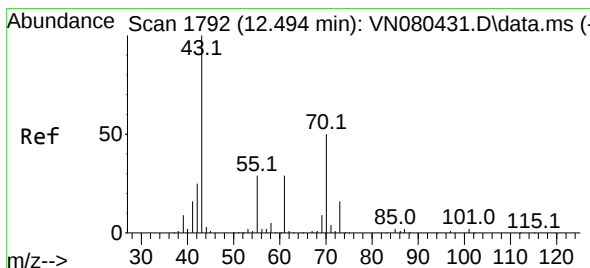
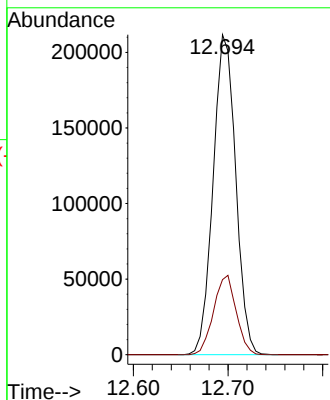
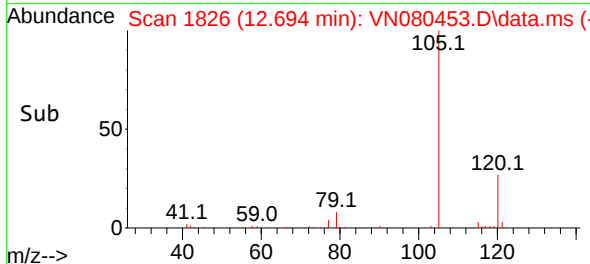
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



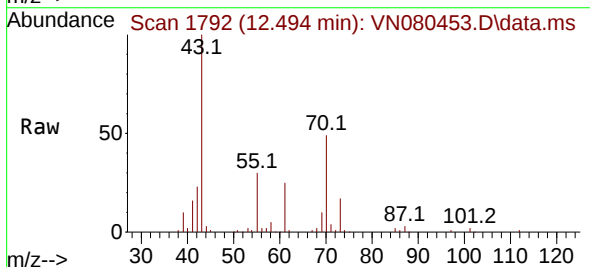
Tgt Ion:105 Resp: 351115
Ion Ratio Lower Upper
105 100
120 24.8 13.1 39.1

Manual Integrations
APPROVED

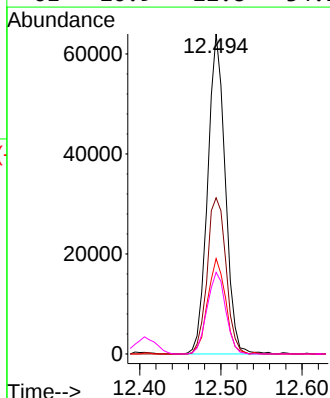
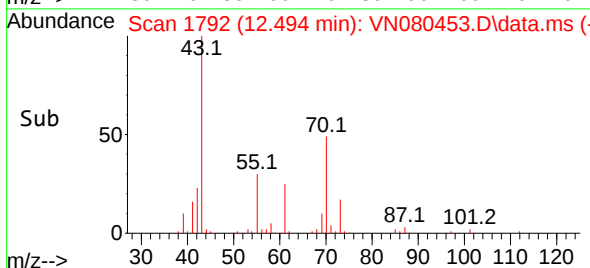
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

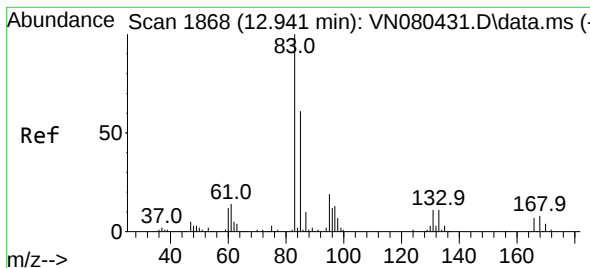


#74
N-ethyl acetate
Concen: 20.086 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



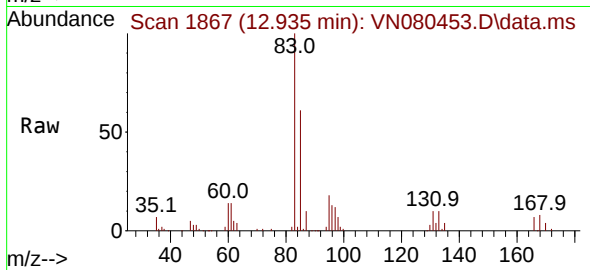
Tgt Ion: 43 Resp: 96172
Ion Ratio Lower Upper
43 100
70 52.1 43.4 65.2
55 30.4 21.4 32.0
61 26.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.888 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

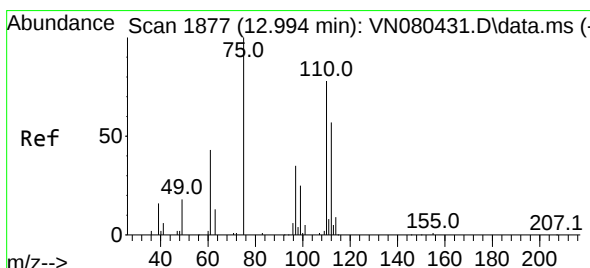
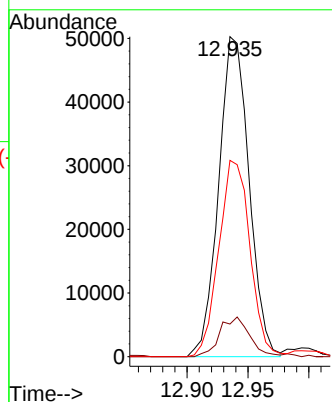
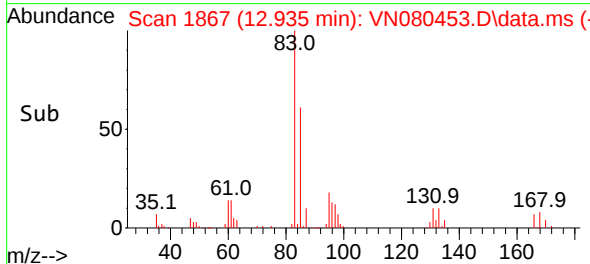
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



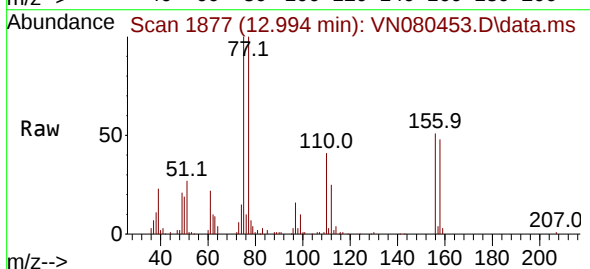
Tgt Ion: 83 Resp: 8738
Ion Ratio Lower Upper
83 100
131 12.6 5.0 15.0
85 62.9 31.9 95.7

Manual Integrations
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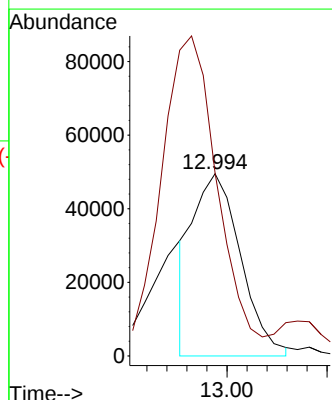
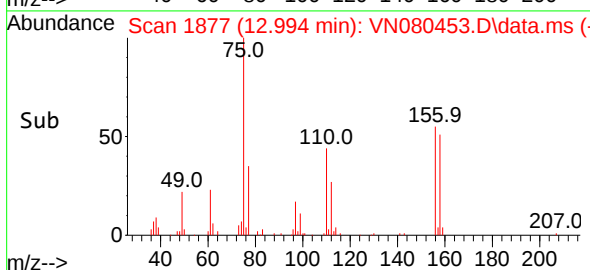
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

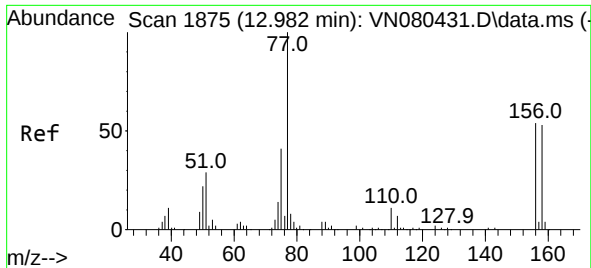


#76
1,2,3-Trichloropropane
Concen: 20.126 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



Tgt Ion: 75 Resp: 81951
Ion Ratio Lower Upper
75 100
77 209.0 84.5 253.5





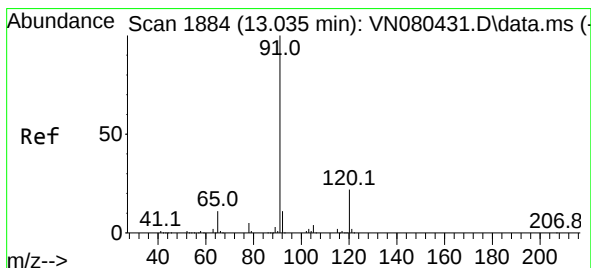
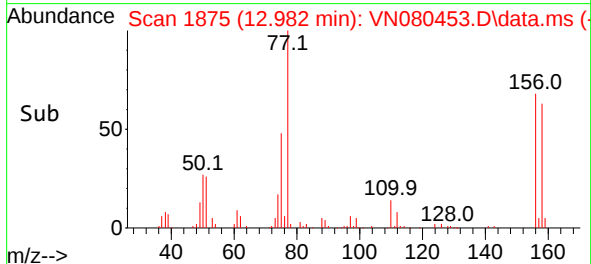
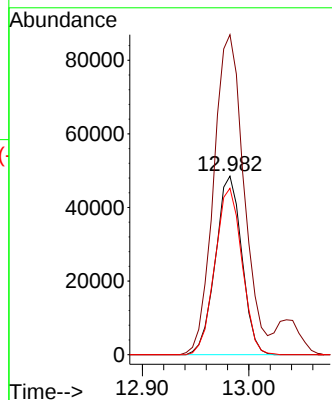
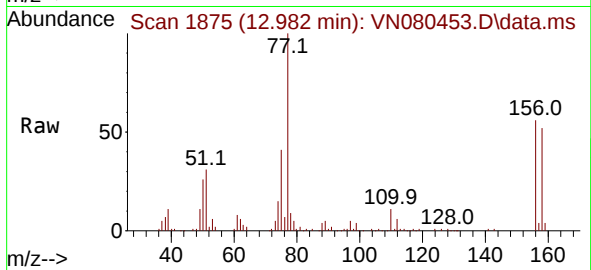
#77
Bromobenzene
Concen: 20.668 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:156 Resp: 8336
Ion Ratio Lower Upper
156 100
77 205.5 107.7 323.3
158 95.7 48.4 145.3

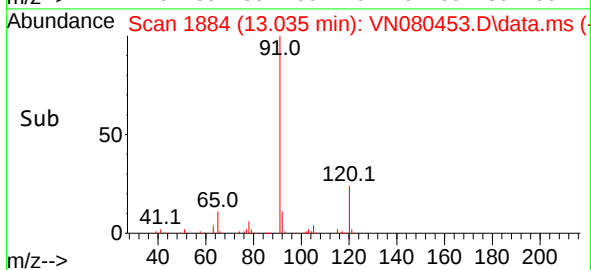
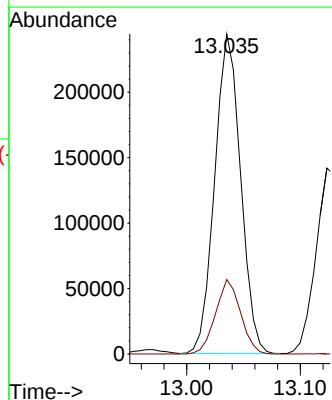
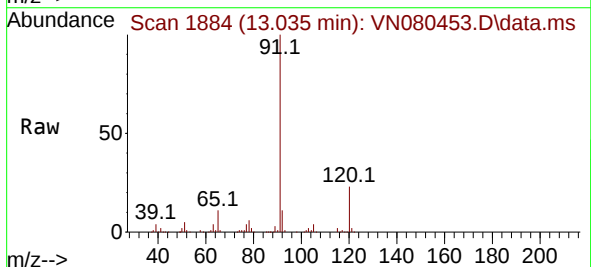
Manual Integrations
APPROVED

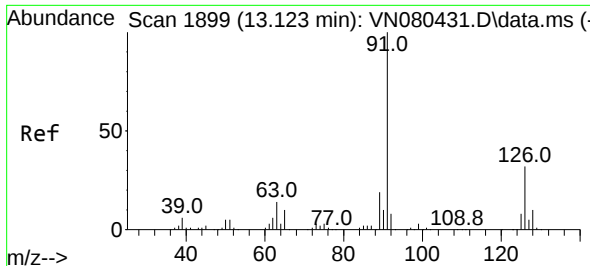
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#78
n-propylbenzene
Concen: 21.379 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

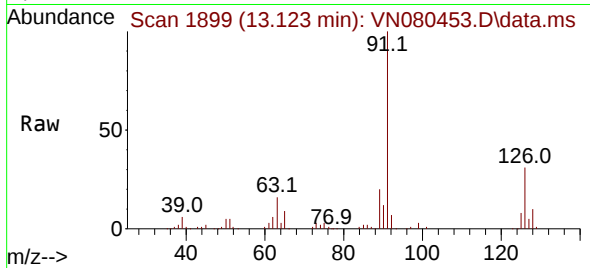
Tgt Ion: 91 Resp: 386489
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.792 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

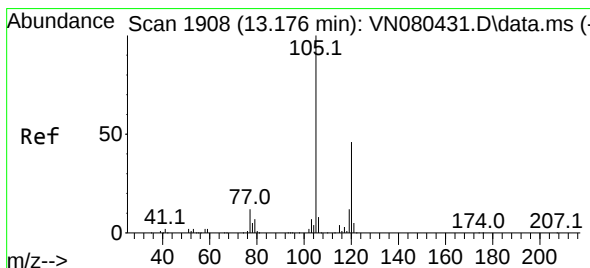
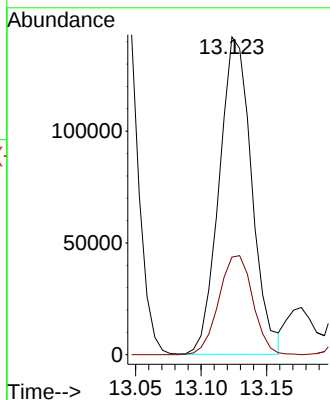
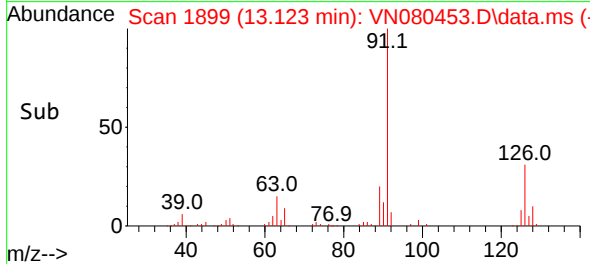
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



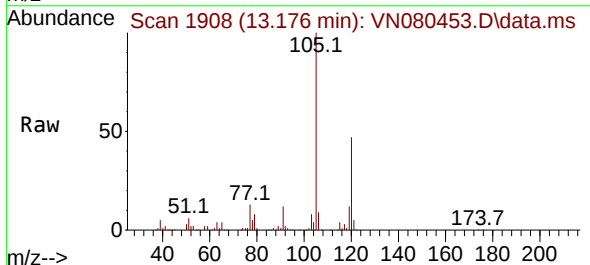
Tgt Ion: 91 Resp: 245392
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

Manual Integrations
APPROVED

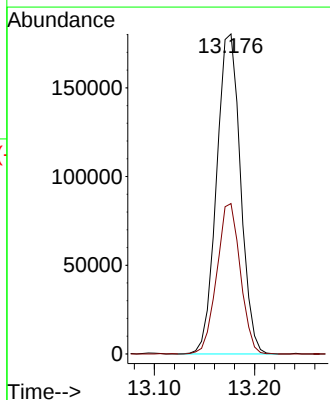
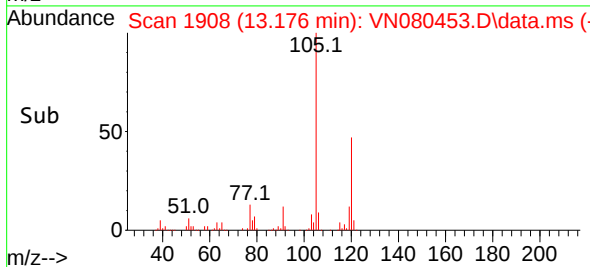
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

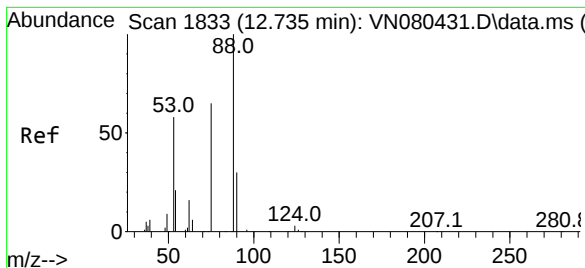


#80
1,3,5-Trimethylbenzene
Concen: 21.125 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



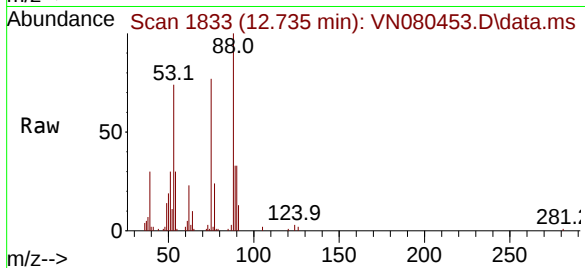
Tgt Ion:105 Resp: 298309
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.097 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

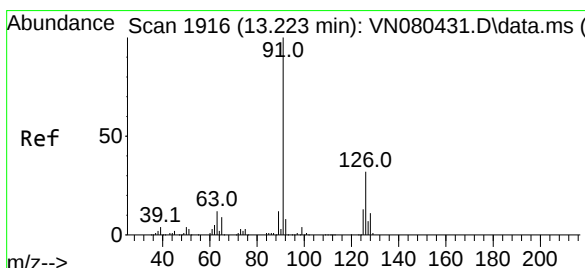
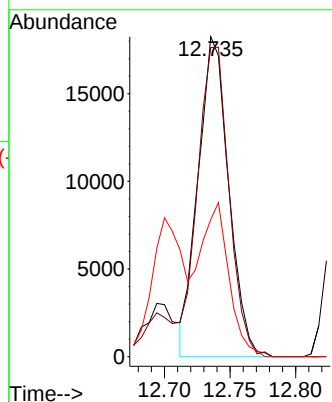
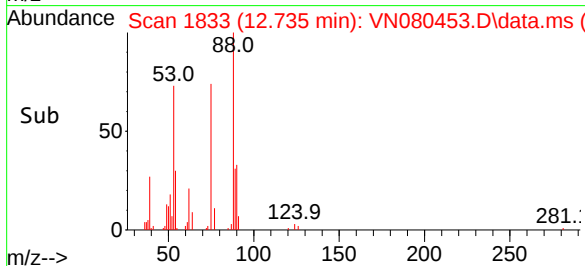
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 75 Resp: 29617
Ion Ratio Lower Upper
75 100
53 101.3 67.4 101.2
89 46.2 38.8 58.2

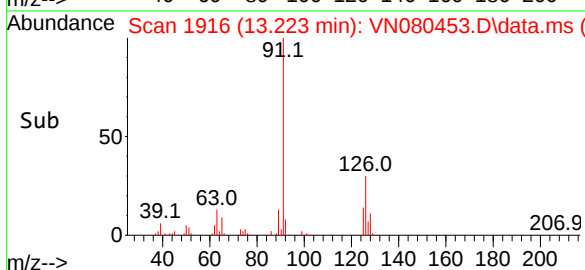
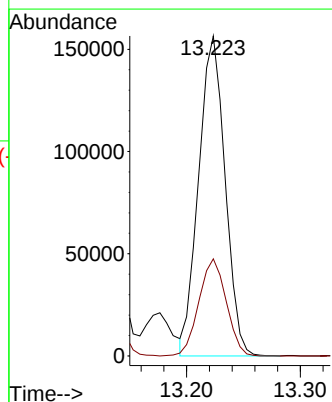
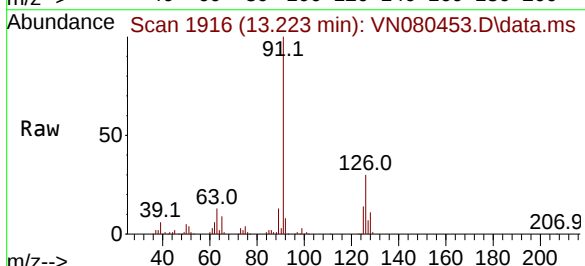
Manual Integrations
APPROVED

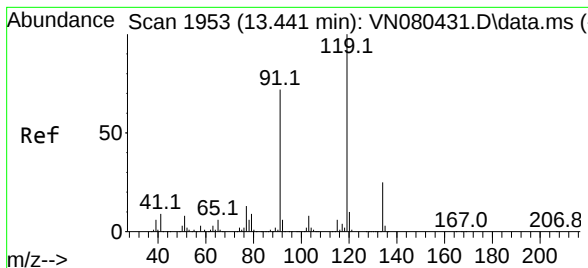
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 20.840 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

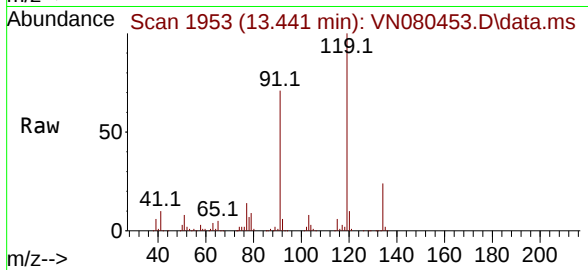
Tgt Ion: 91 Resp: 252817
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.489 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

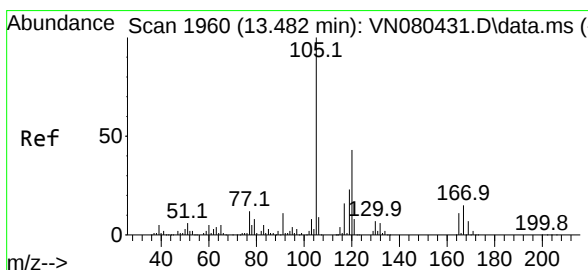
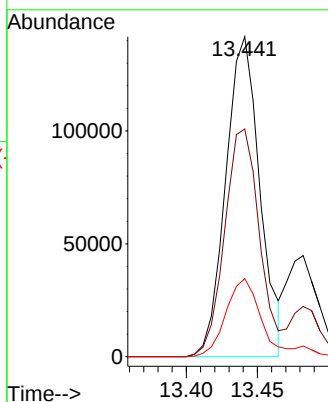
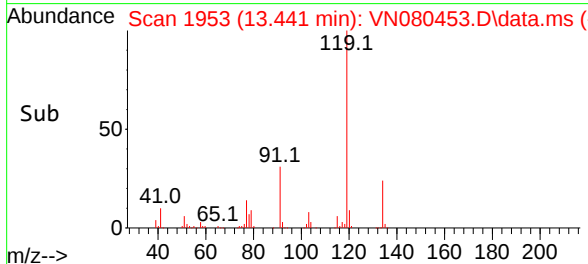
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



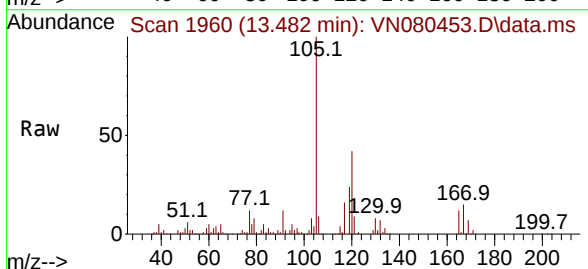
Tgt Ion:119 Resp: 236958
Ion Ratio Lower Upper
119 100
91 72.2 33.9 101.7
134 26.5 13.2 39.6

Manual Integrations
APPROVED

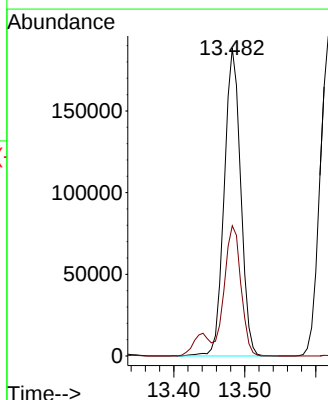
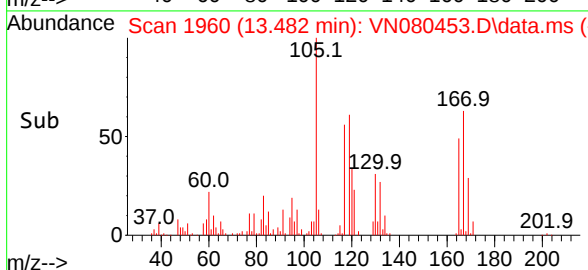
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

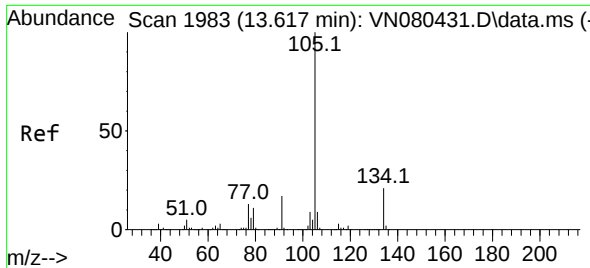


#84
1,2,4-Trimethylbenzene
Concen: 21.537 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



Tgt Ion:105 Resp: 302560
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





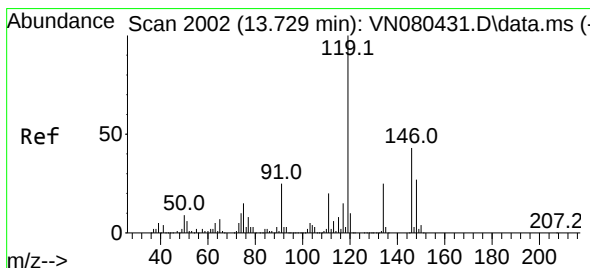
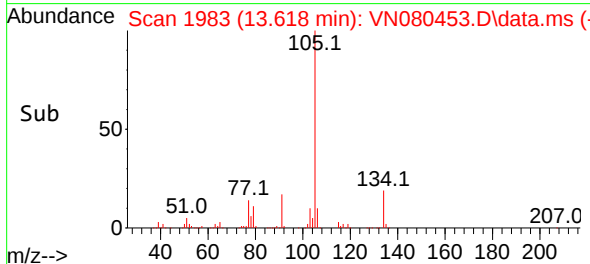
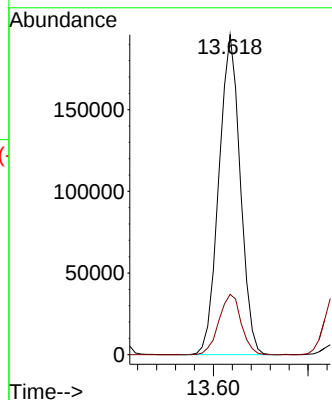
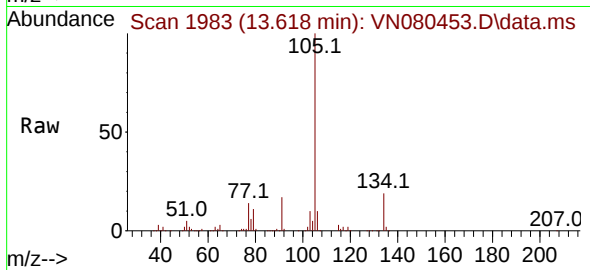
#85
 sec-Butylbenzene
 Concen: 20.762 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080453.D
 Acq: 13 Dec 2023 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

Tgt Ion:105 Resp: 30715
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

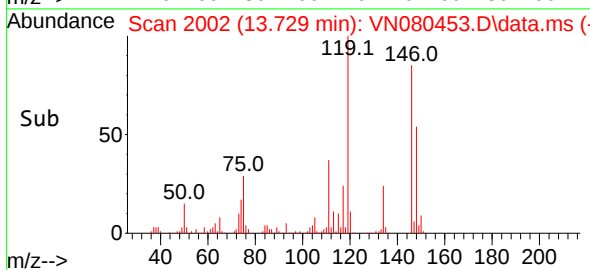
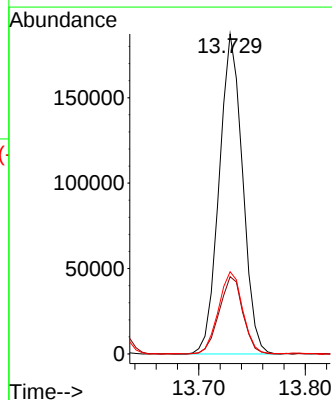
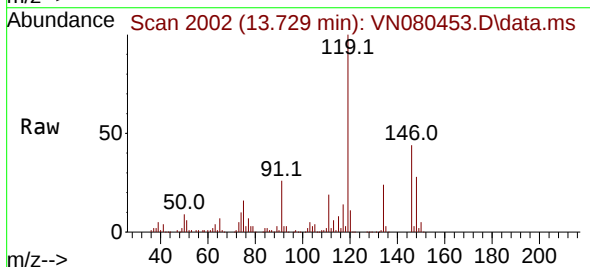
Manual Integrations
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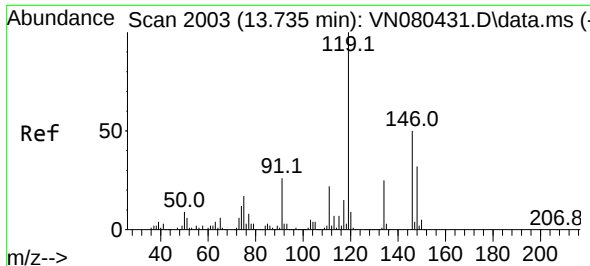
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#86
 p-Isopropyltoluene
 Concen: 21.332 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080453.D
 Acq: 13 Dec 2023 11:32

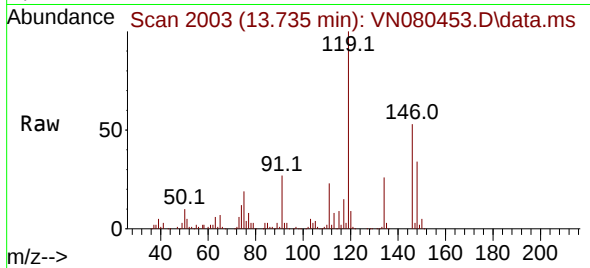
Tgt Ion:119 Resp: 284945
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.8
 91 26.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.475 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

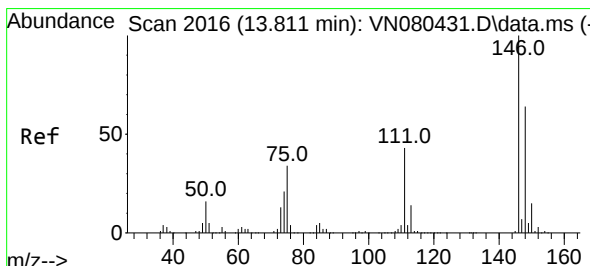
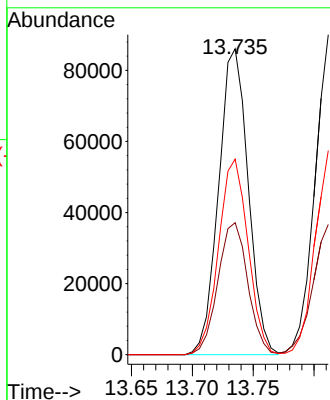
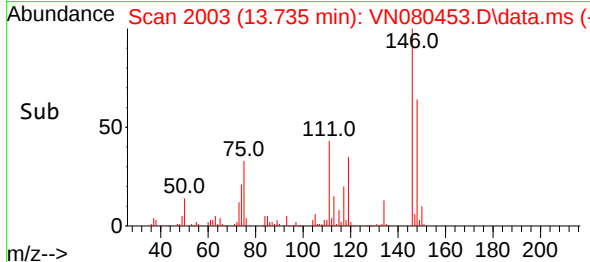
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



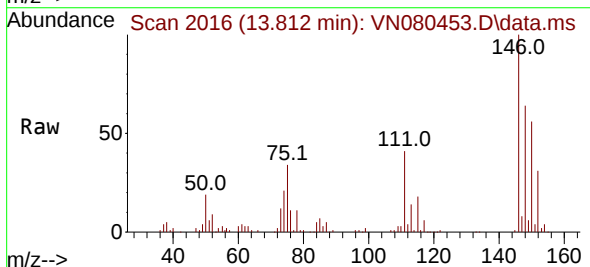
Tgt Ion:146 Resp: 145504
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.3
148 63.9 32.0 96.0

Manual Integrations
APPROVED

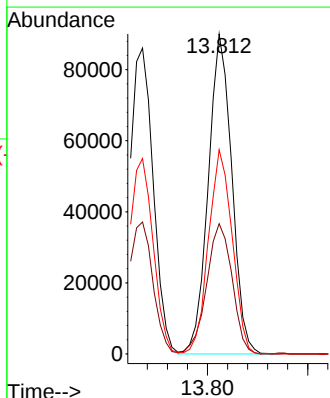
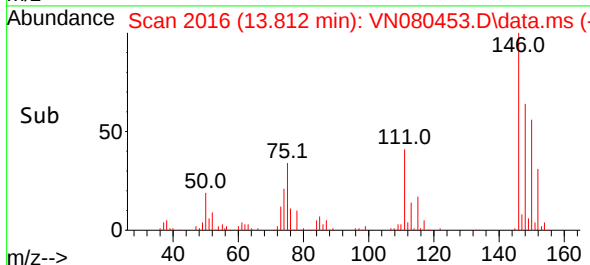
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

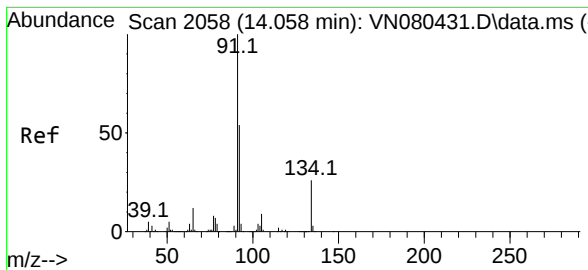


#88
1,4-Dichlorobenzene
Concen: 20.473 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32



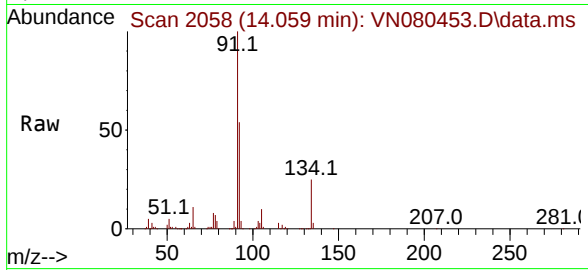
Tgt Ion:146 Resp: 146865
Ion Ratio Lower Upper
146 100
111 44.0 20.6 61.8
148 64.4 31.6 94.8





#89
n-Butylbenzene
Concen: 20.729 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

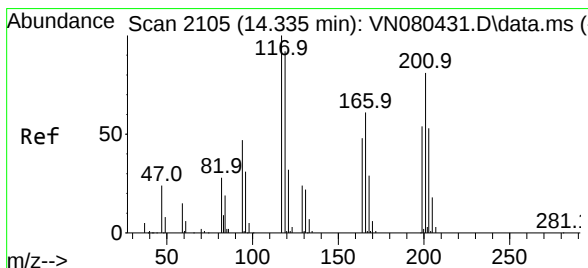
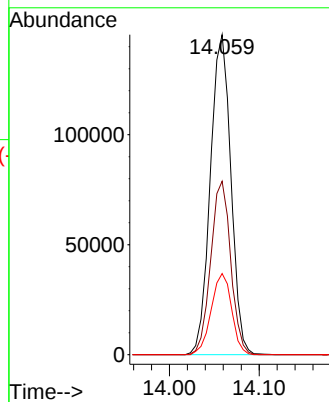
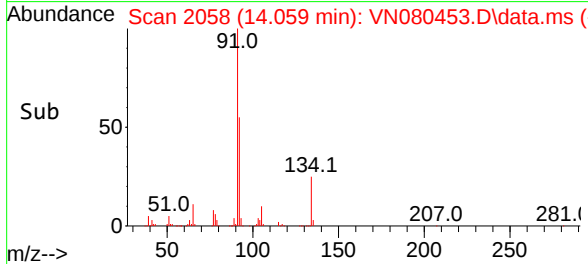
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 91 Resp: 23124
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.2 12.6 37.6

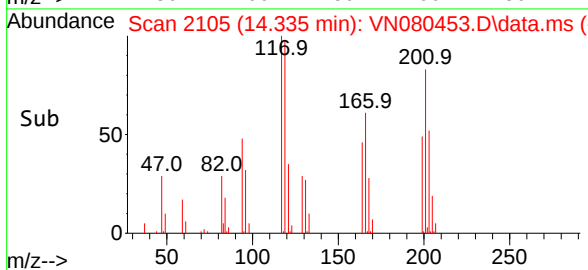
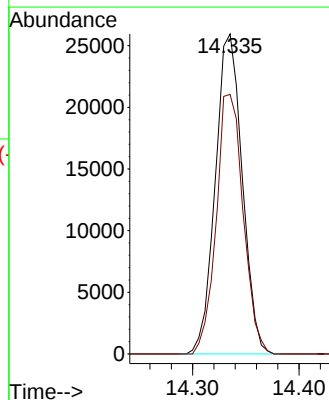
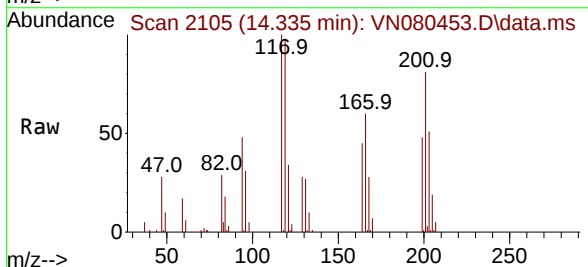
Manual Integrations
APPROVED

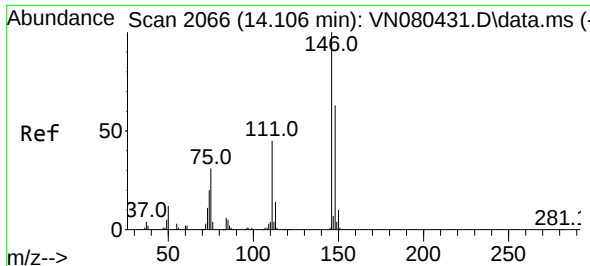
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#90
Hexachloroethane
Concen: 21.466 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion:117 Resp: 45538
Ion Ratio Lower Upper
117 100
201 81.2 29.3 88.0





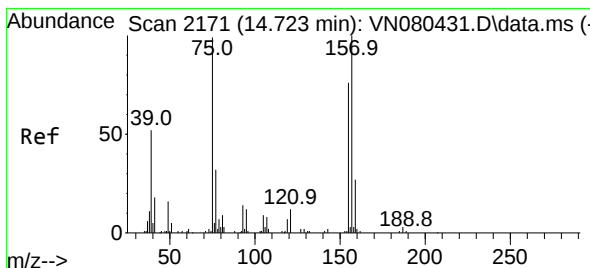
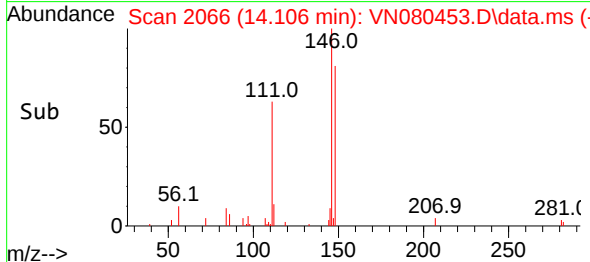
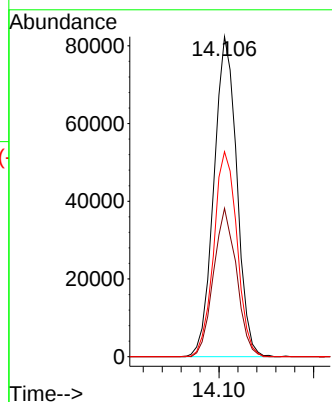
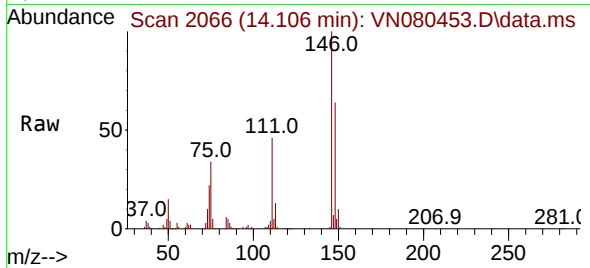
#91
1,2-Dichlorobenzene
Concen: 20.464 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:146 Resp: 138098
Ion Ratio Lower Upper
146 100
111 46.6 22.0 66.0
148 65.1 31.8 95.3

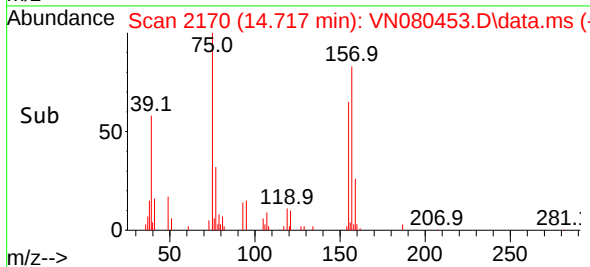
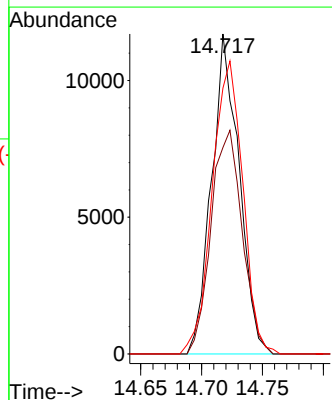
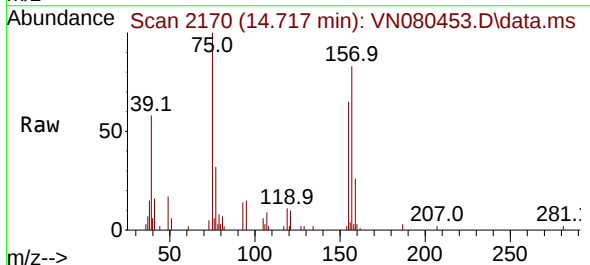
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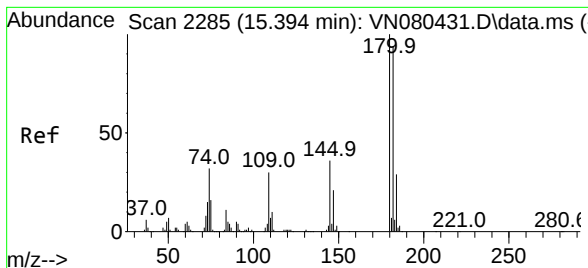
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.921 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

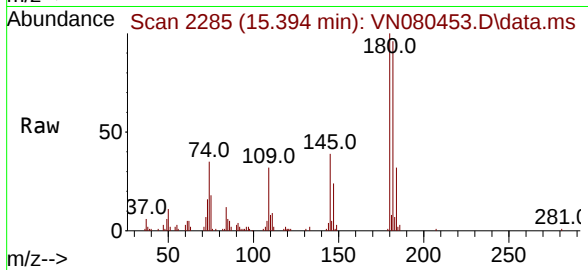
Tgt Ion: 75 Resp: 18410
Ion Ratio Lower Upper
75 100
155 79.4 39.1 117.2
157 101.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 21.794 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

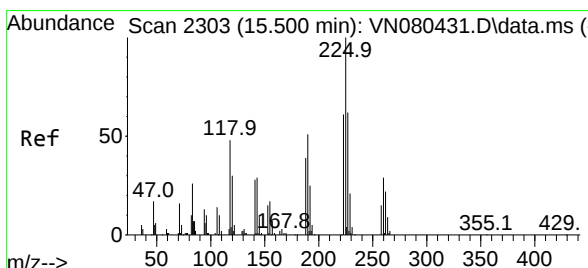
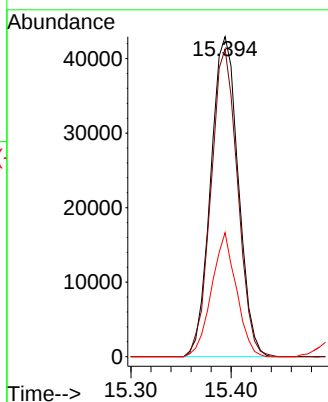
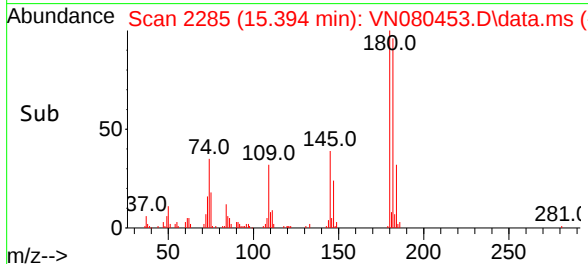
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion:180 Resp: 8165
Ion Ratio Lower Upper
180 100
182 93.1 46.1 138.2
145 35.0 16.6 49.8

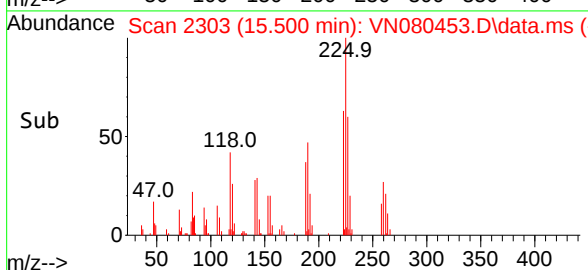
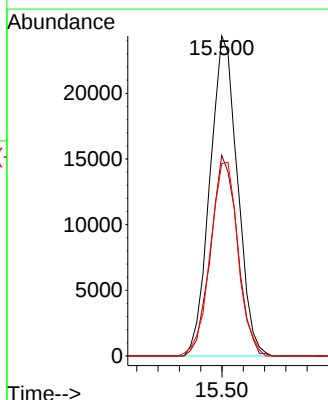
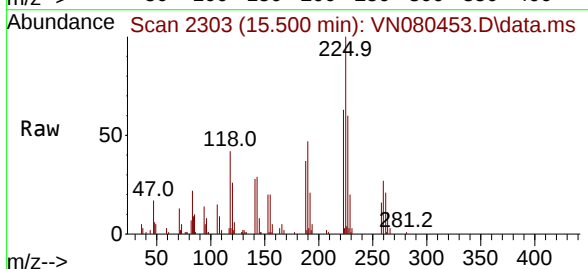
Manual Integrations
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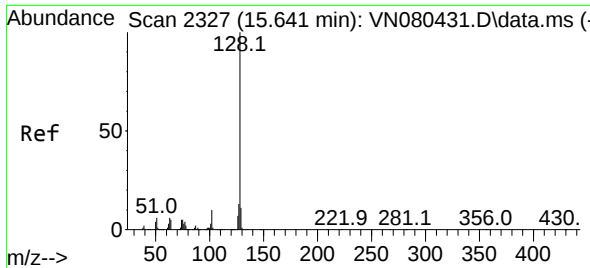
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#94
Hexachlorobutadiene
Concen: 20.469 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

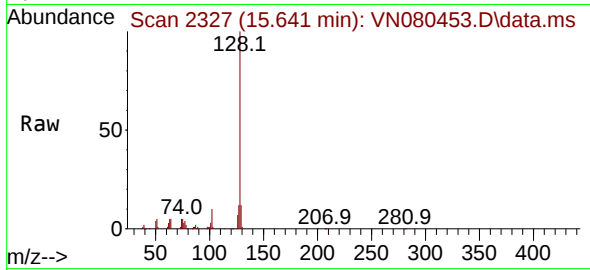
Tgt Ion:225 Resp: 43662
Ion Ratio Lower Upper
225 100
223 60.9 31.3 93.8
227 61.0 31.9 95.9





#95
Naphthalene
Concen: 20.596 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

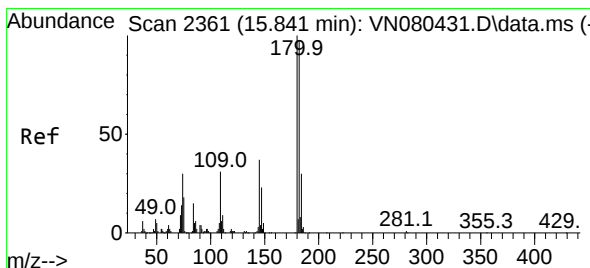
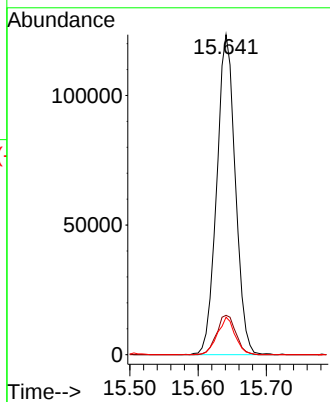
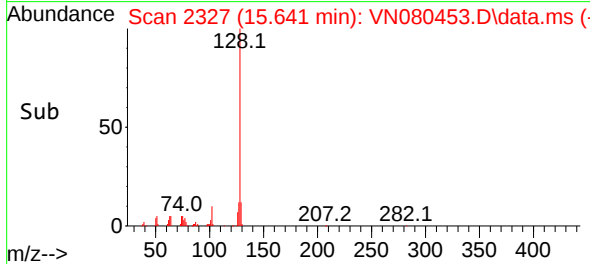
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion:128 Resp: 234320
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.958 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080453.D
Acq: 13 Dec 2023 11:32

Tgt Ion:180 Resp: 75775
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 36.6 17.5 52.6

