

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080551.D
 Acq On : 20 Dec 2023 16:54
 Operator : JC\MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:45:01 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	269819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	453144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	197858	57.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.820%			
35) Dibromofluoromethane	8.165	113	150017	52.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	10.565	98	561471	52.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.853	95	195288	47.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64703	18.765	ug/l	98
3) Chloromethane	2.359	50	55363	15.062	ug/l	93
4) Vinyl Chloride	2.512	62	47913	16.271	ug/l	95
5) Bromomethane	2.959	94	23873	17.982	ug/l	96
6) Chloroethane	3.118	64	32993	17.436	ug/l	95
7) Trichlorofluoromethane	3.495	101	110153	18.443	ug/l	94
8) Diethyl Ether	3.953	74	33701	17.914	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	53317	18.834	ug/l	96
10) Methyl Iodide	4.595	142	35116	14.103	ug/l #	88
11) Tert butyl alcohol	5.506	59	41211	101.538	ug/l	99
12) 1,1-Dichloroethene	4.342	96	50724	17.487	ug/l	88
13) Acrolein	4.171	56	49071	110.400	ug/l	99
14) Allyl chloride	5.018	41	64574	17.993	ug/l	98
15) Acrylonitrile	5.718	53	121049	105.554	ug/l	98
16) Acetone	4.418	43	93410	152.868	ug/l	98
17) Carbon Disulfide	4.706	76	129738	15.783	ug/l #	94
18) Methyl Acetate	5.024	43	91710	23.325	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	185649	19.184	ug/l	99
20) Methylene Chloride	5.271	84	62247	19.035	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	55356	17.600	ug/l	88
22) Diisopropyl ether	6.671	45	155135	20.029	ug/l	91
23) Vinyl Acetate	6.600	43	411048	92.399	ug/l	96
24) 1,1-Dichloroethane	6.565	63	102436	18.955	ug/l	98
25) 2-Butanone	7.483	43	135745	115.318	ug/l	91
26) 2,2-Dichloropropane	7.488	77	100274	18.146	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	68896	19.352	ug/l	92
28) Bromochloromethane	7.812	49	44214	21.309	ug/l	96
29) Tetrahydrofuran	7.835	42	84501	100.247	ug/l	94
30) Chloroform	7.965	83	117595	19.604	ug/l	96
31) Cyclohexane	8.259	56	78485	16.747	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	111157	18.926	ug/l	97
36) 1,1-Dichloropropene	8.371	75	80972	17.236	ug/l	95
37) Ethyl Acetate	7.553	43	55723	18.942	ug/l #	93
38) Carbon Tetrachloride	8.365	117	97413	17.354	ug/l	98
39) Methylcyclohexane	9.600	83	78395	16.064	ug/l	93
40) Benzene	8.606	78	237089	17.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32866	19.379	ug/l	94
42) 1,2-Dichloroethane	8.665	62	94248	18.762	ug/l	98
43) Isopropyl Acetate	8.688	43	92492	17.487	ug/l	96
44) Trichloroethene	9.353	130	63155	17.269	ug/l	94
45) 1,2-Dichloropropane	9.624	63	58277	18.291	ug/l	96
46) Dibromomethane	9.706	93	42419	18.539	ug/l	90
47) Bromodichloromethane	9.888	83	93138	18.993	ug/l	97
48) Methyl methacrylate	9.682	41	58490	18.530	ug/l	87
49) 1,4-Dioxane	9.694	88	17436	364.443	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	280968	96.452	ug/l	99
52) Toluene	10.629	92	155076	18.096	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	93767	17.673	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	98167	17.311	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	58752	19.053	ug/l	93
56) Ethyl methacrylate	10.871	69	59215	17.345	ug/l	91
57) 1,3-Dichloropropane	11.165	76	102719	19.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	192539	89.336	ug/l	98
59) 2-Hexanone	11.194	43	210891	98.064	ug/l	97
60) Dibromochloromethane	11.365	129	67808	18.558	ug/l	98
61) 1,2-Dibromoethane	11.471	107	60243	18.877	ug/l	94
64) Tetrachloroethene	11.106	164	53266	17.568	ug/l	96
65) Chlorobenzene	11.894	112	161568	18.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	64587	18.842	ug/l	94
67) Ethyl Benzene	11.965	91	284655	17.721	ug/l	99
68) m/p-Xylenes	12.070	106	216739	36.515	ug/l	92
69) o-Xylene	12.400	106	104186	17.945	ug/l	90
70) Styrene	12.412	104	154685	18.497	ug/l	95
71) Bromoform	12.576	173	44956	17.985	ug/l #	100
73) Isopropylbenzene	12.694	105	257020	17.633	ug/l	98
74) N-amyl acetate	12.494	43	78300	18.395	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	72567	18.578	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	67214m	18.568	ug/l	
77) Bromobenzene	12.982	156	62465	17.420	ug/l	98
78) n-propylbenzene	13.035	91	288868	17.974	ug/l	98
79) 2-Chlorotoluene	13.129	91	186180	17.744	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	219037	17.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21920	15.899	ug/l #	79
82) 4-Chlorotoluene	13.223	91	190001	17.617	ug/l	97
83) tert-Butylbenzene	13.441	119	181737	17.676	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	224496	17.975	ug/l	97
85) sec-Butylbenzene	13.617	105	226430	17.217	ug/l	98
86) p-Isopropyltoluene	13.729	119	201044	16.930	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	110800	17.538	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	110359	17.305	ug/l	96
89) n-Butylbenzene	14.059	91	168349	16.976	ug/l	99
90) Hexachloroethane	14.335	117	34351	18.214	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	109671	18.281	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16151	19.658	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	57751	17.338	ug/l	95
94) Hexachlorobutadiene	15.500	225	29634	15.627	ug/l	100
95) Naphthalene	15.641	128	181760	17.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	56916	17.707	ug/l	96

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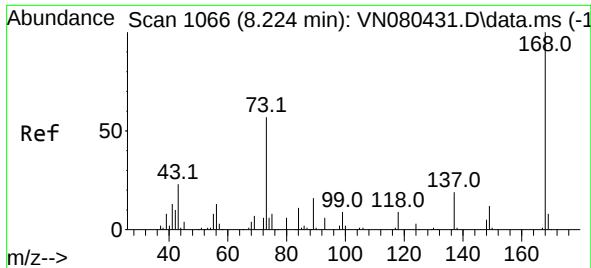
Manual Integrations
APPROVED

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Response via : Initial Calibration

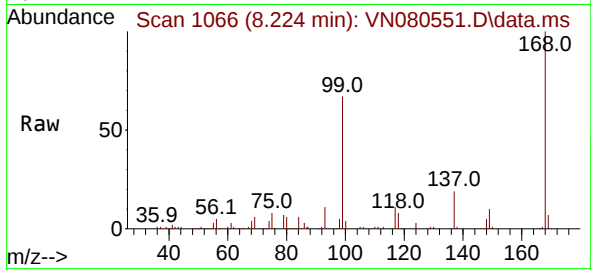
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080551.D
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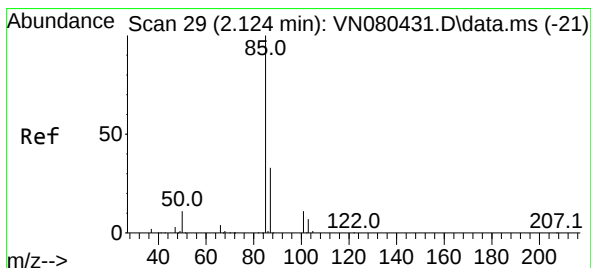
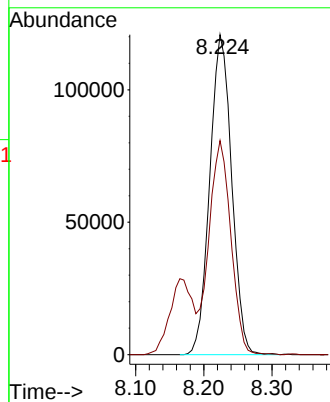
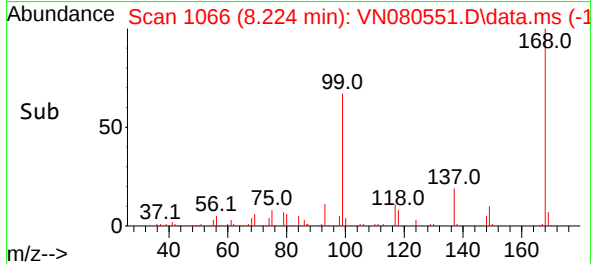
Instrument :
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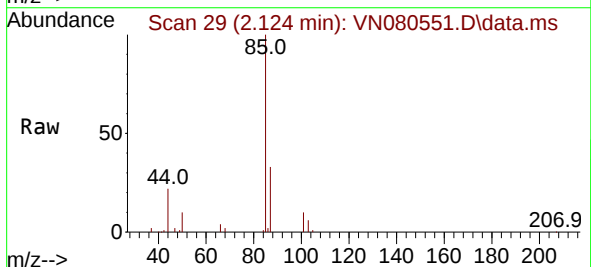
Tgt Ion:168 Resp: 269819
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6

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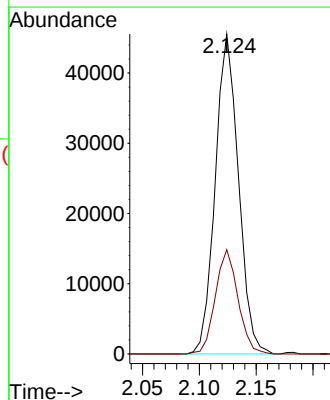
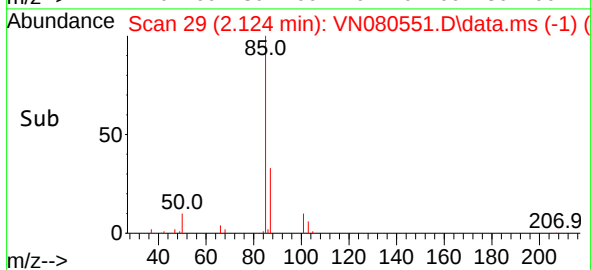
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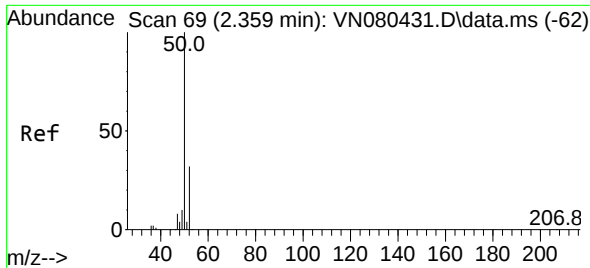


#2
Dichlorodifluoromethane
Concen: 18.765 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



Tgt Ion: 85 Resp: 64703
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





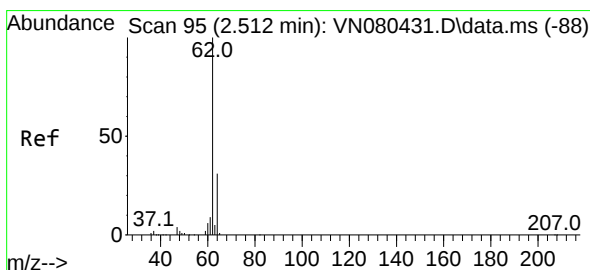
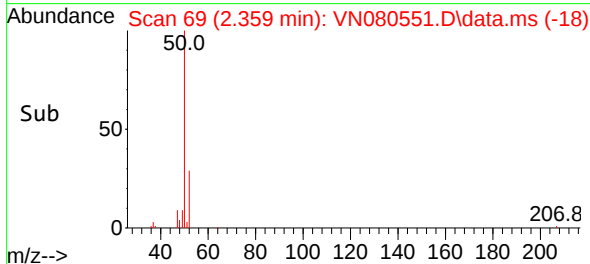
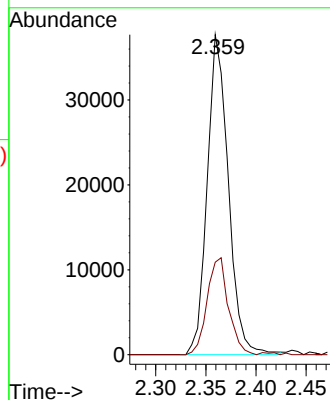
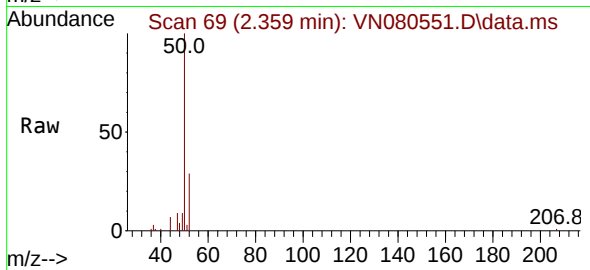
#3
Chloromethane
Concen: 15.062 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

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Tgt Ion: 50 Resp: 5536
Ion Ratio Lower Upper
50 100
52 28.9 26.5 39.7

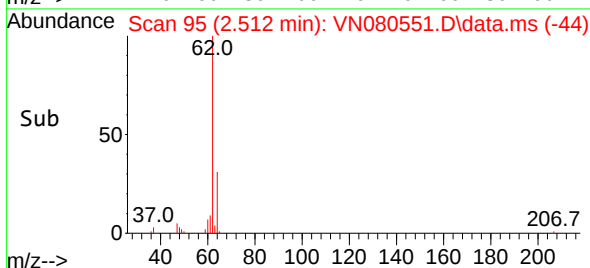
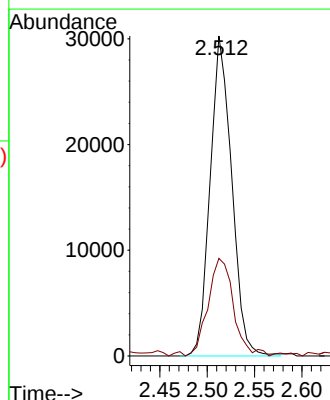
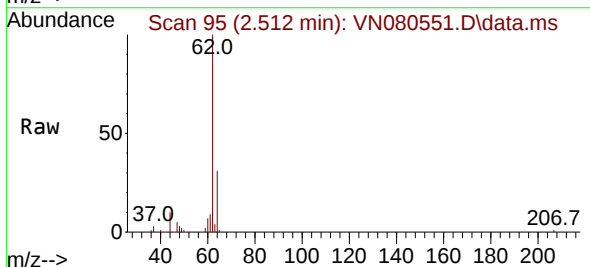
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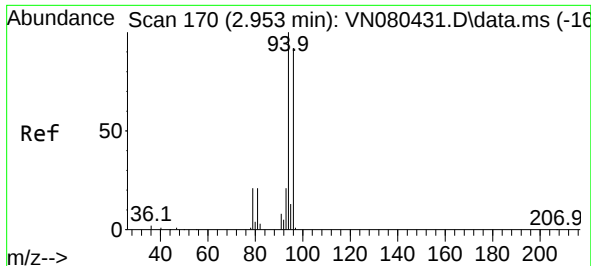
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#4
Vinyl Chloride
Concen: 16.271 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

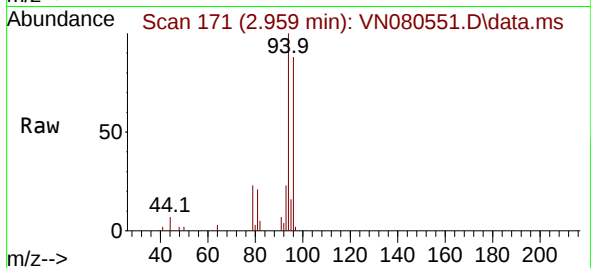
Tgt Ion: 62 Resp: 47913
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2





#5
Bromomethane
Concen: 17.982 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

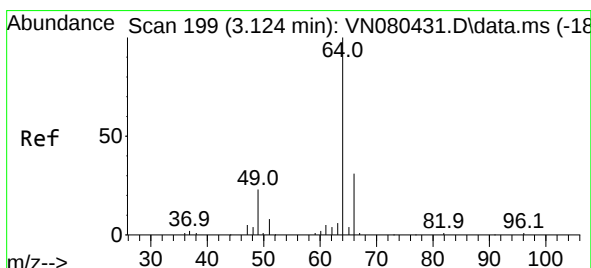
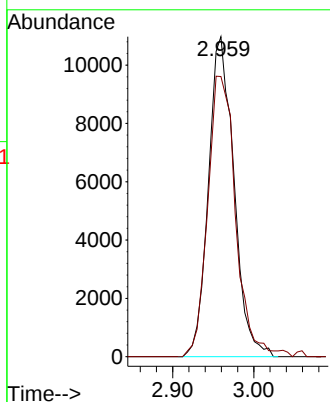
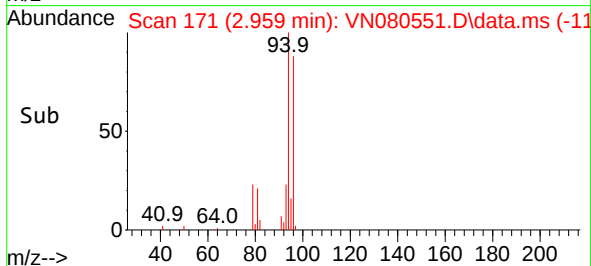
Instrument :
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Tgt Ion: 94 Resp: 2387
Ion Ratio Lower Upper
94 100
96 87.6 73.1 109.7

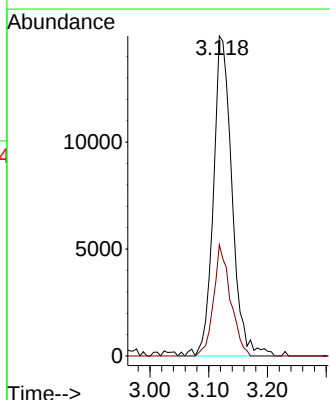
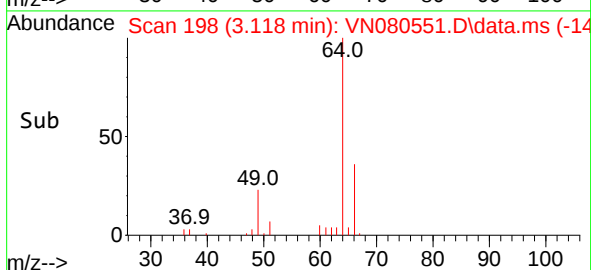
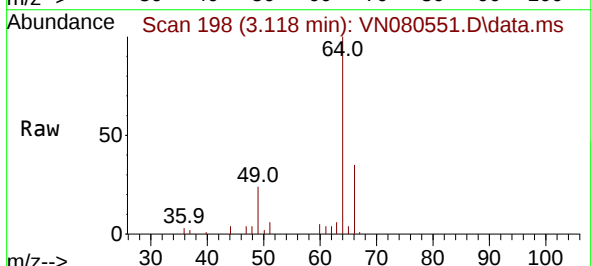
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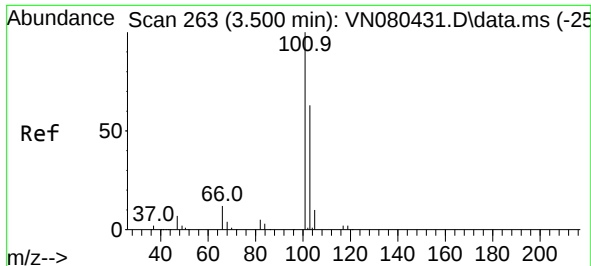
Reviewed By :John Carlone 12/21/2023
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#6
Chloroethane
Concen: 17.436 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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Acq: 20 Dec 2023 16:54

Tgt Ion: 64 Resp: 32993
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.2





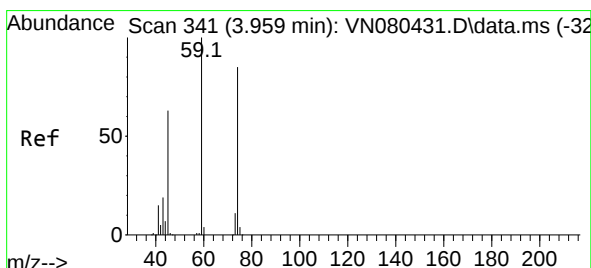
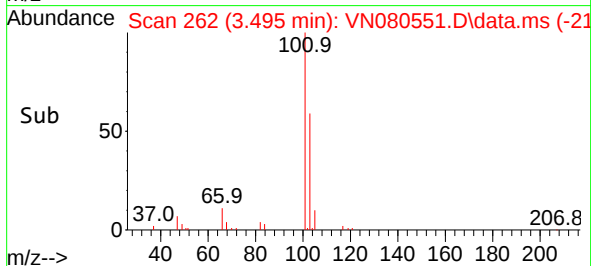
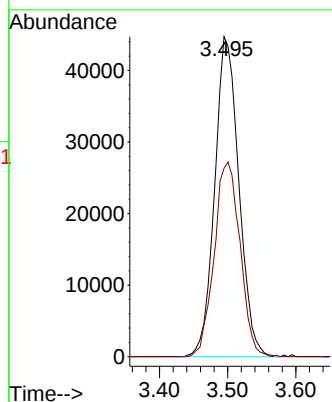
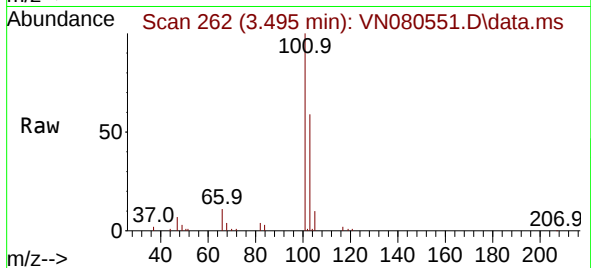
#7
Trichlorofluoromethane
Concen: 18.443 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
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Tgt Ion:101 Resp: 11015
Ion Ratio Lower Upper
101 100
103 58.9 50.7 76.1

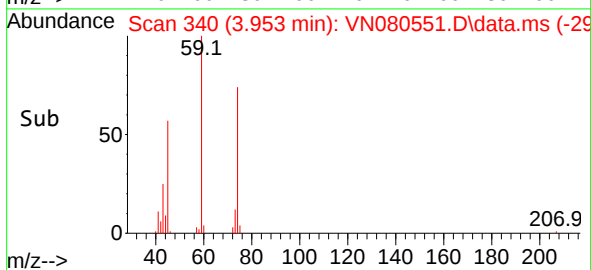
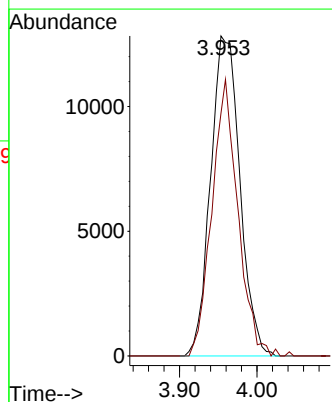
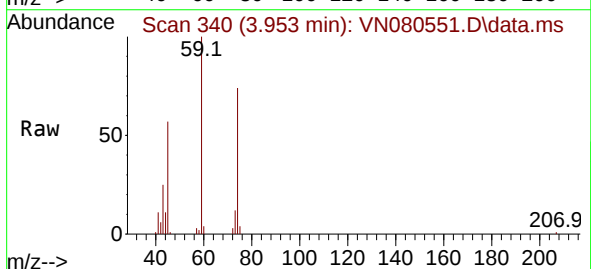
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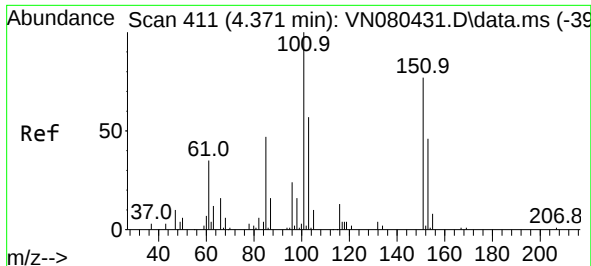
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#8
Diethyl Ether
Concen: 17.914 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 74 Resp: 33701
Ion Ratio Lower Upper
74 100
45 76.6 34.4 103.3





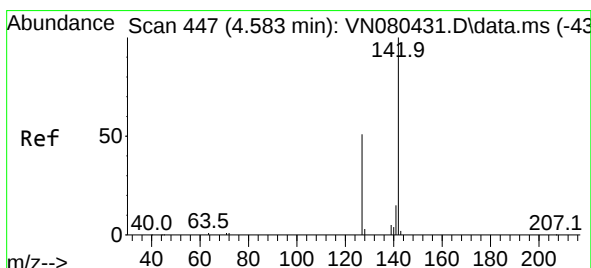
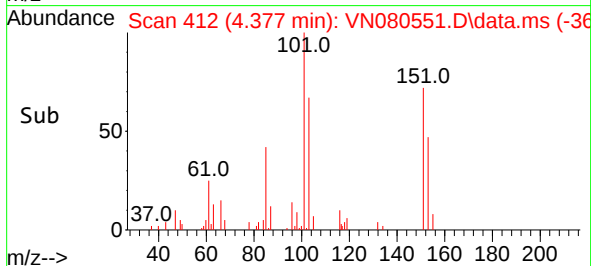
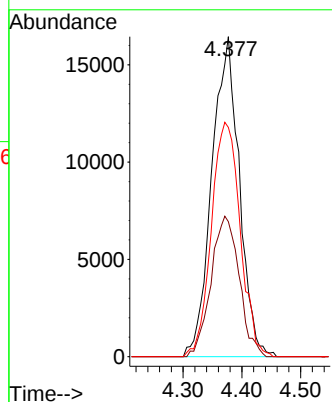
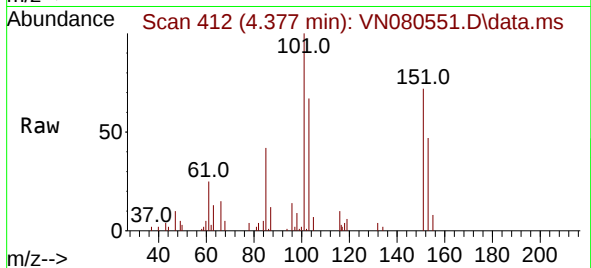
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.834 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion:101 Resp: 5331
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 76.9 57.6 86.4

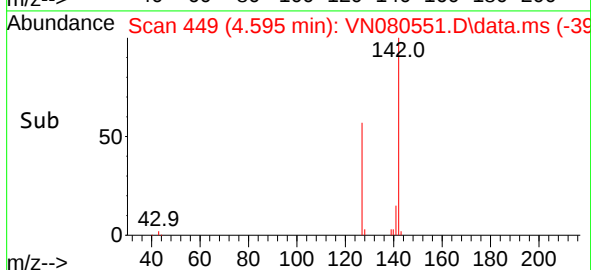
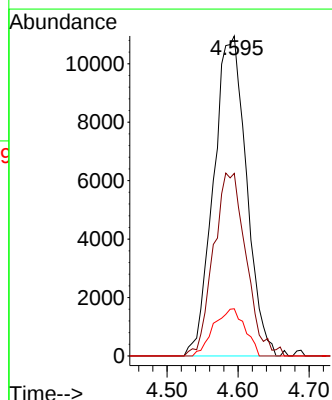
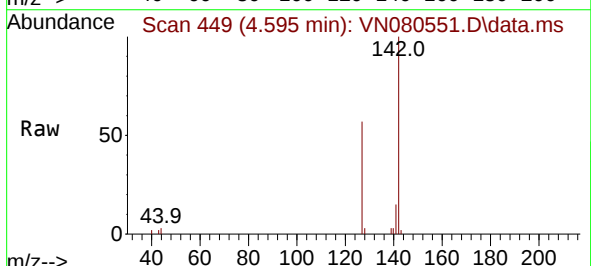
Manual Integrations
APPROVED

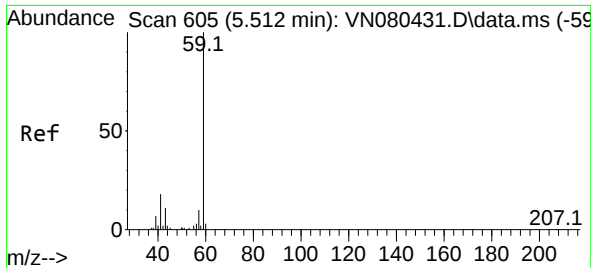
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#10
Methyl Iodide
Concen: 14.103 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:142 Resp: 35116
Ion Ratio Lower Upper
142 100
127 57.0 37.6 56.4#
141 14.8 11.4 17.0





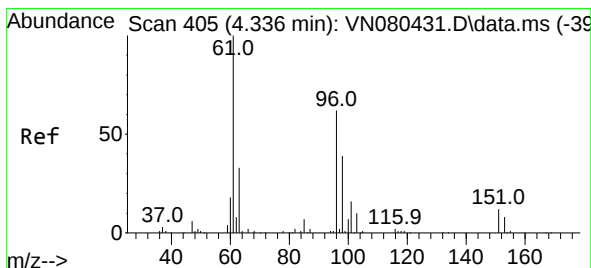
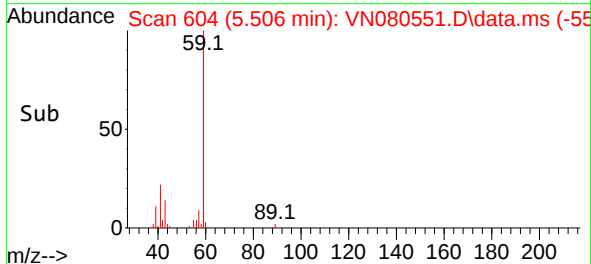
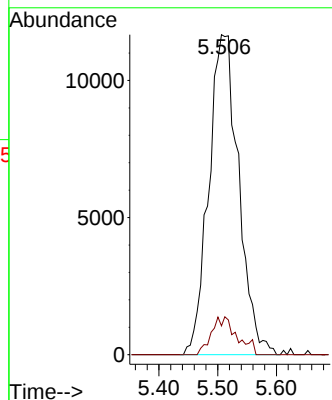
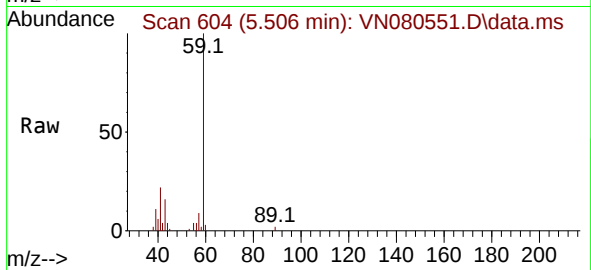
#11
Tert butyl alcohol
Concen: 101.538 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 59 Resp: 4121
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

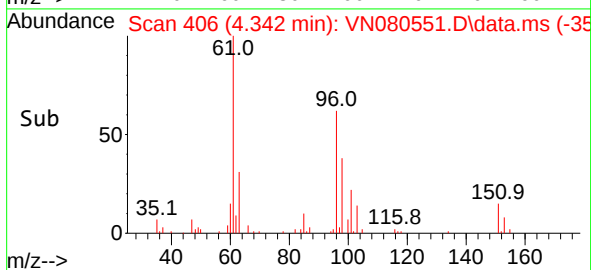
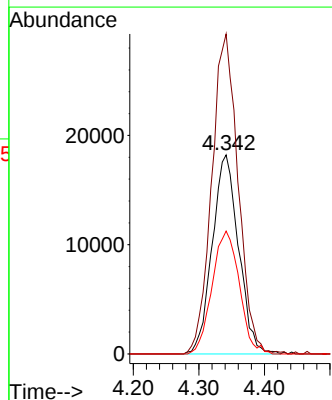
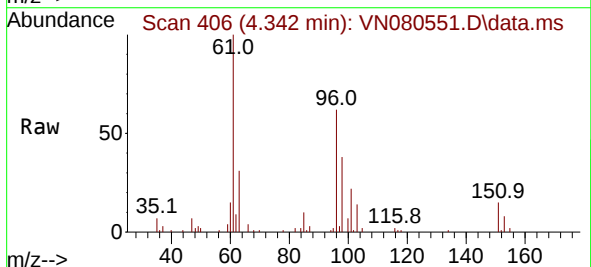
Manual Integrations
APPROVED

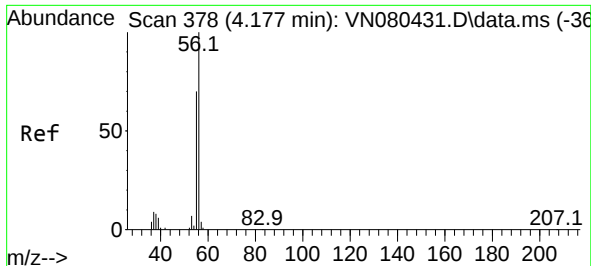
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#12
1,1-Dichloroethene
Concen: 17.487 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 96 Resp: 50724
Ion Ratio Lower Upper
96 100
61 160.7 112.7 169.1
98 61.7 51.2 76.8





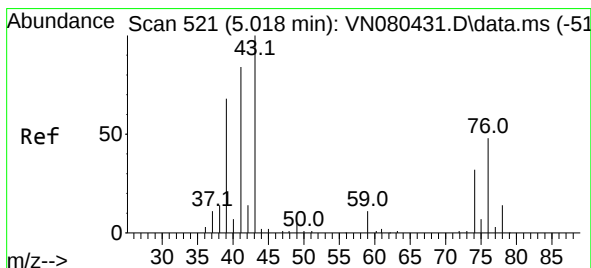
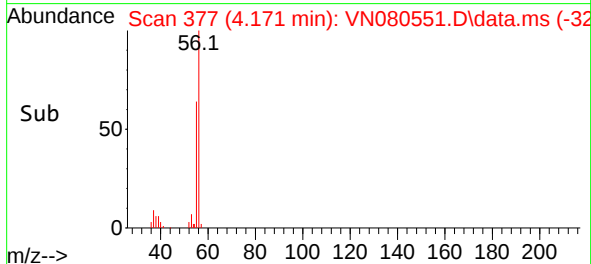
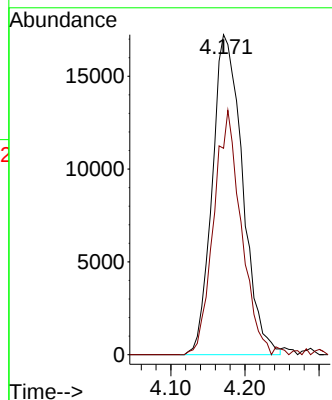
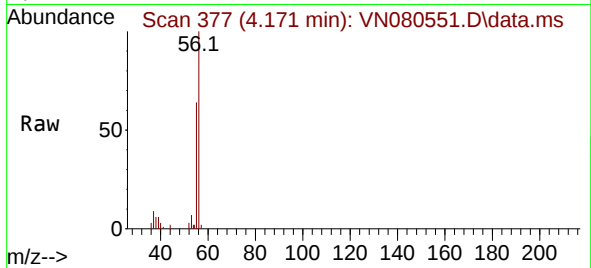
#13
Acrolein
Concen: 110.400 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 56 Resp: 4907
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7

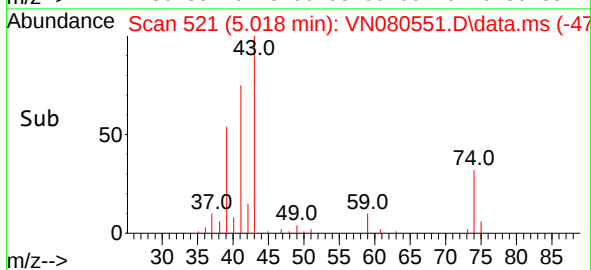
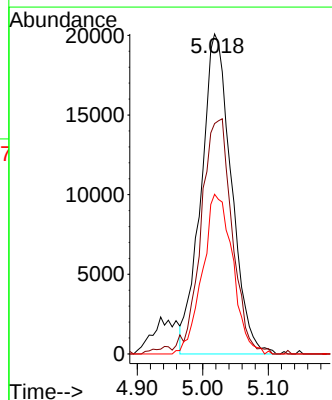
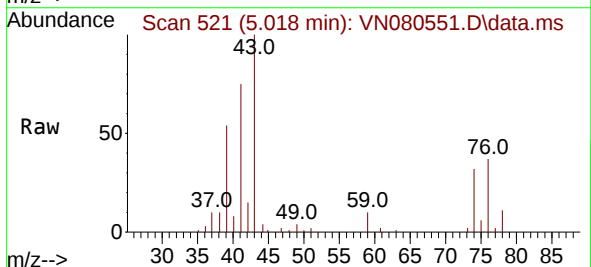
Manual Integrations
APPROVED

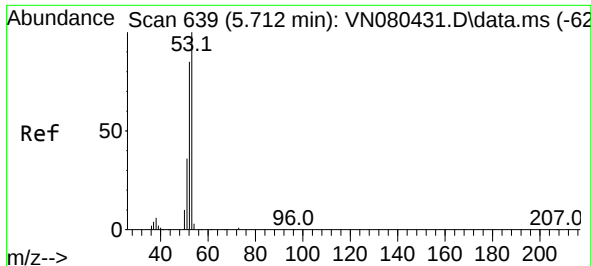
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#14
Allyl chloride
Concen: 17.993 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

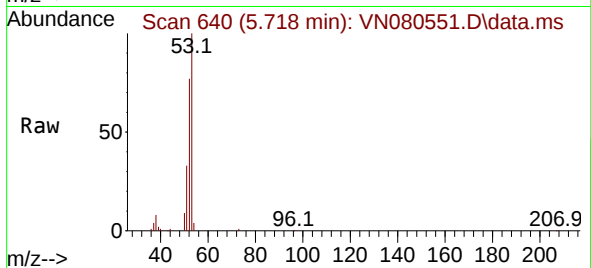
Tgt Ion: 41 Resp: 64574
Ion Ratio Lower Upper
41 100
39 75.3 58.8 88.2
76 49.8 39.1 58.7





#15
Acrylonitrile
Concen: 105.554 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

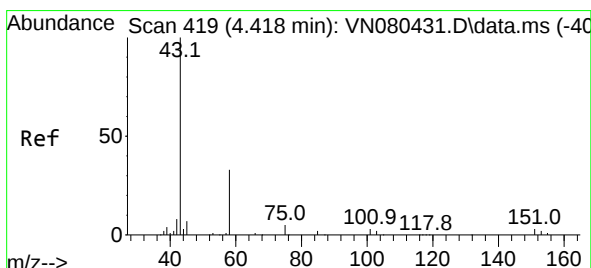
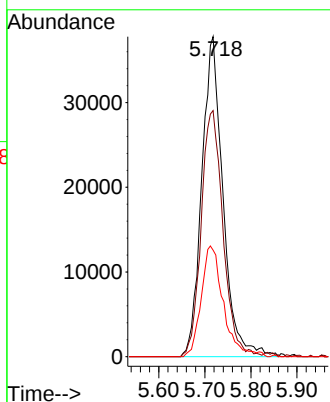
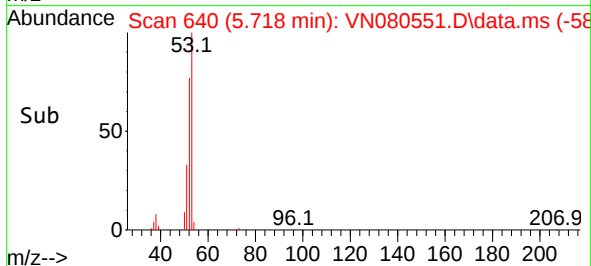
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 53 Resp: 121049
Ion Ratio Lower Upper
53 100
52 79.1 65.3 97.9
51 36.1 28.9 43.3

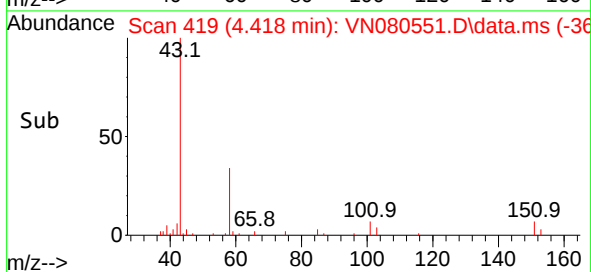
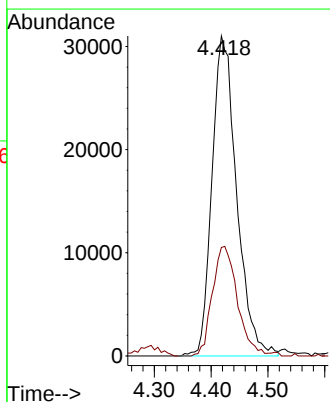
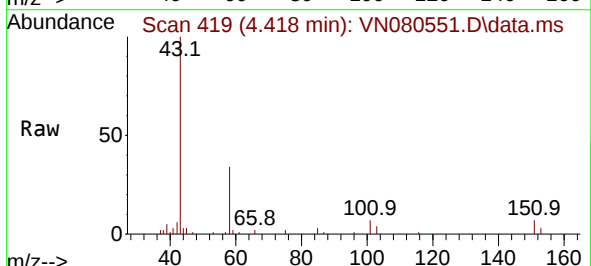
Manual Integrations
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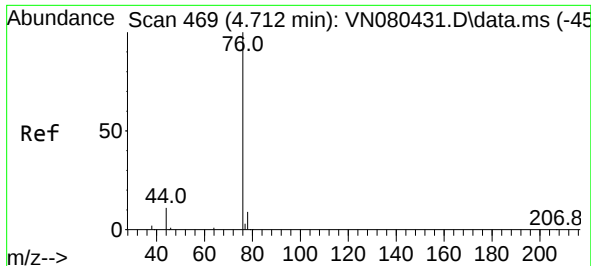
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#16
Acetone
Concen: 152.868 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 43 Resp: 93410
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0





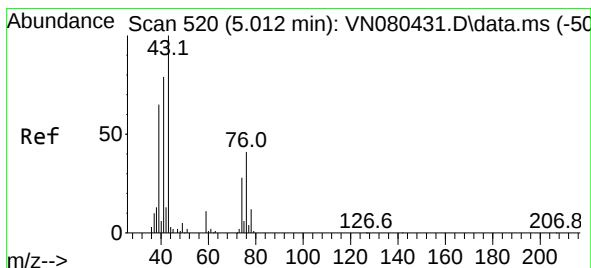
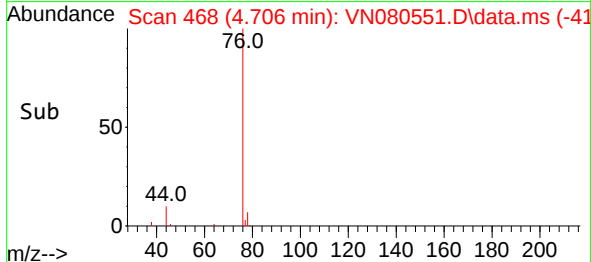
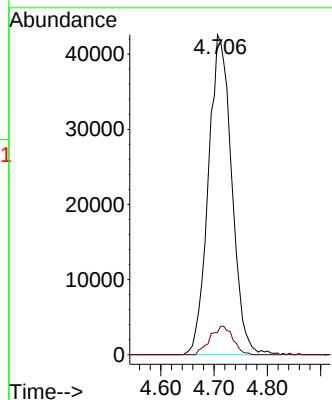
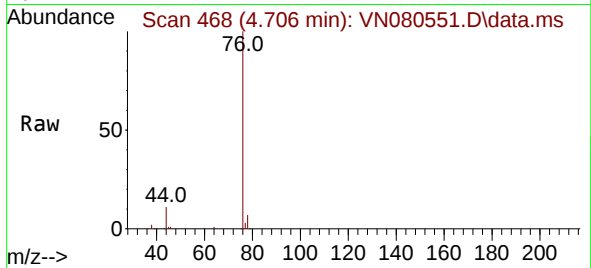
#17
Carbon Disulfide
Concen: 15.783 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 76 Resp: 129738
Ion Ratio Lower Upper
76 100
78 6.9 7.4 11.0

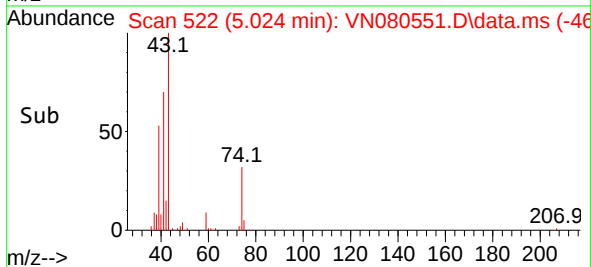
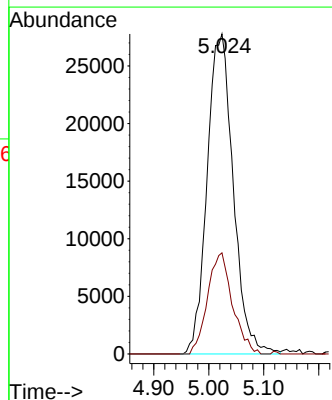
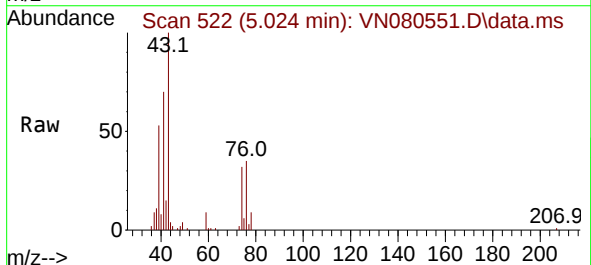
Manual Integrations
APPROVED

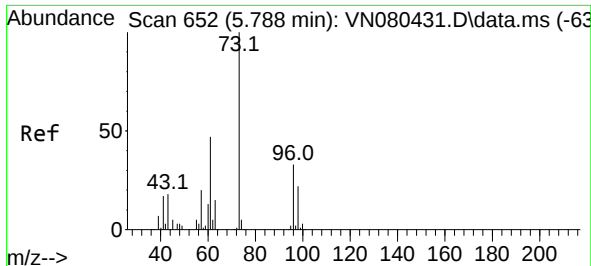
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#18
Methyl Acetate
Concen: 23.325 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 43 Resp: 91710
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4





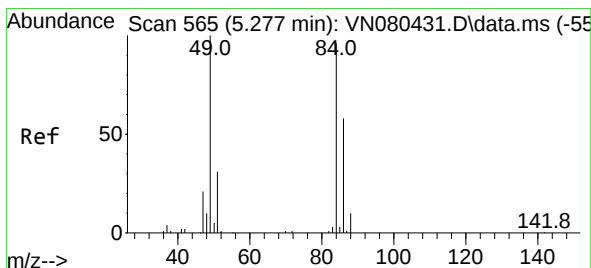
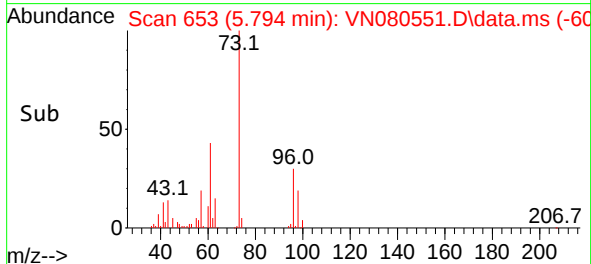
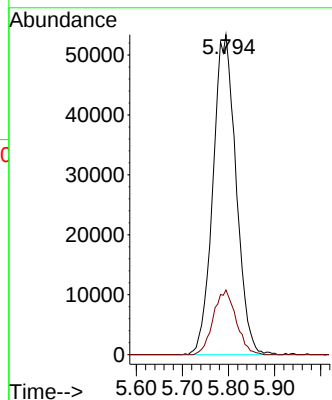
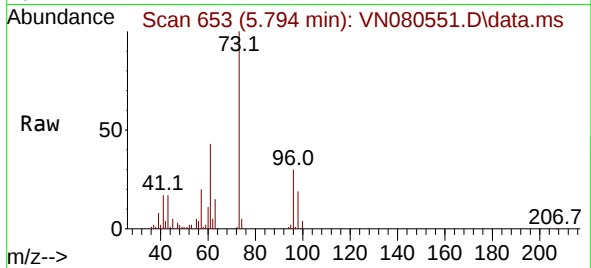
#19
Methyl tert-butyl Ether
Concen: 19.184 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 73 Resp: 185649
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

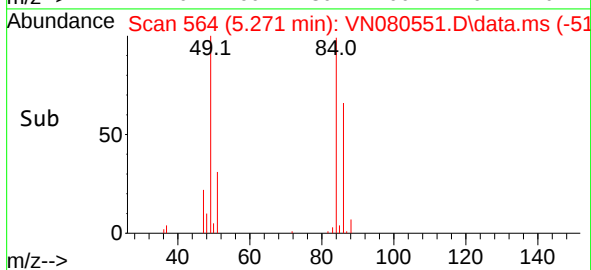
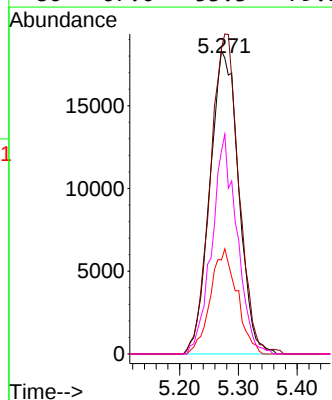
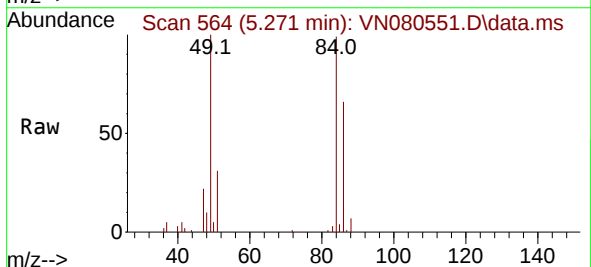
Manual Integrations
APPROVED

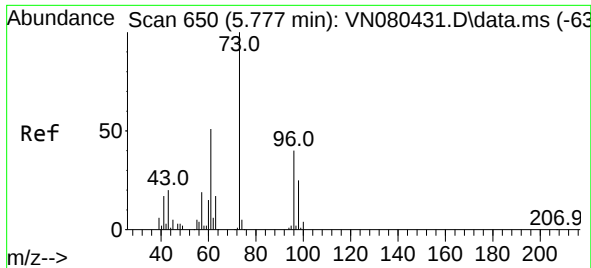
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#20
Methylene Chloride
Concen: 19.035 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 84 Resp: 62247
Ion Ratio Lower Upper
84 100
49 100.9 79.7 119.5
51 31.0 25.2 37.8
86 67.0 53.3 79.9





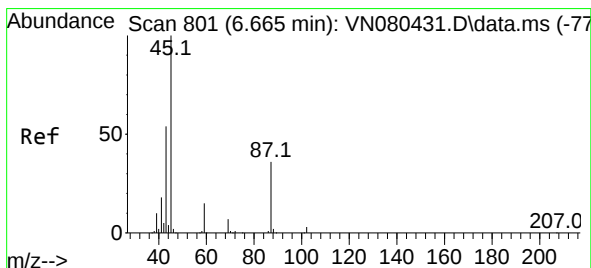
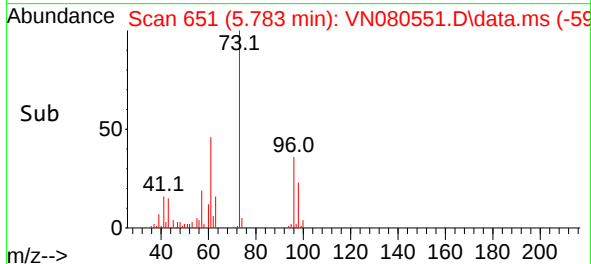
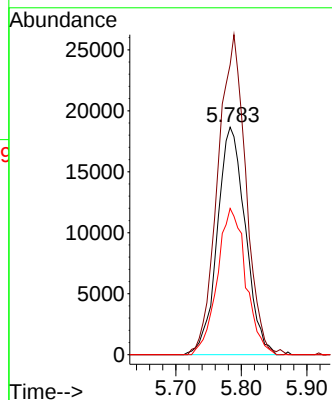
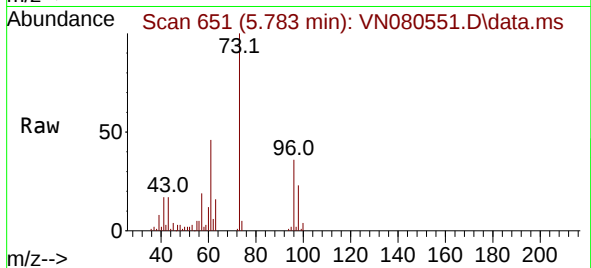
#21
trans-1,2-Dichloroethene
Concen: 17.600 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 96 Resp: 5535
Ion Ratio Lower Upper
96 100
61 127.4 90.1 135.1
98 64.3 46.4 69.6

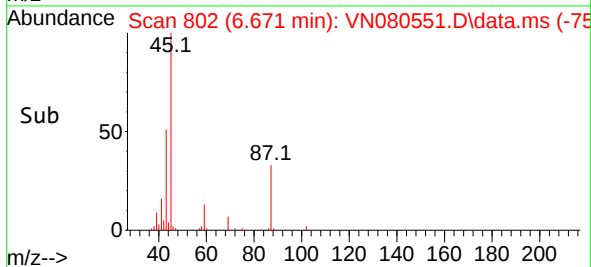
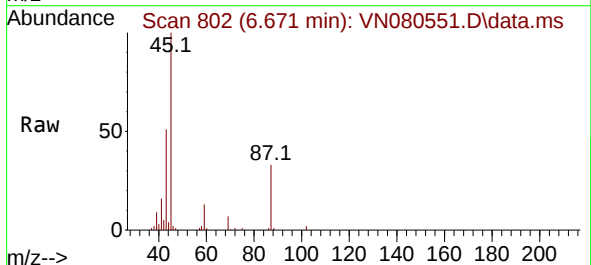
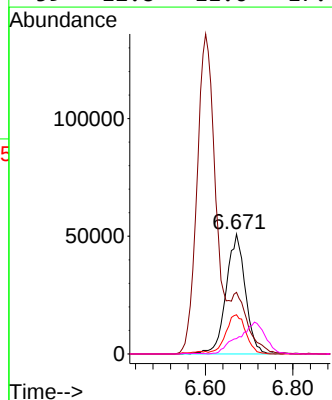
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#22
Diisopropyl ether
Concen: 20.029 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 45 Resp: 155135
Ion Ratio Lower Upper
45 100
43 50.6 45.5 68.3
87 32.7 31.8 47.8
59 12.8 11.6 17.4





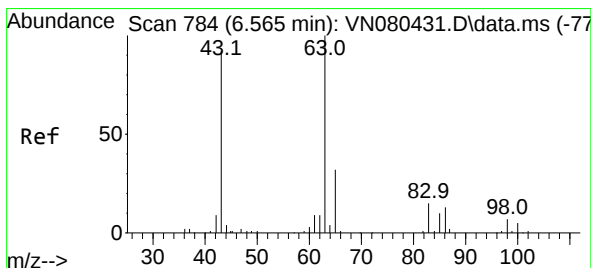
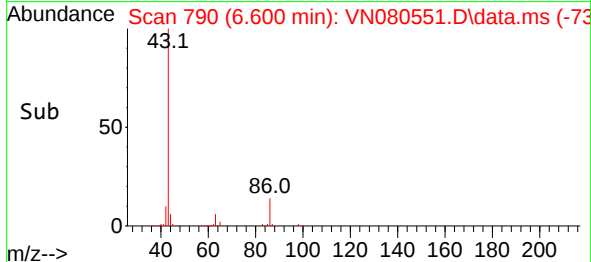
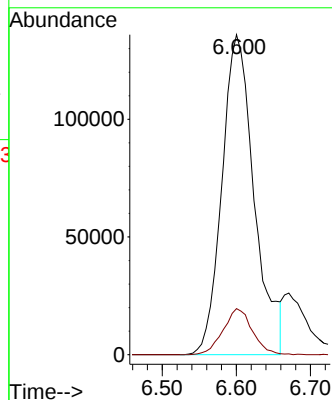
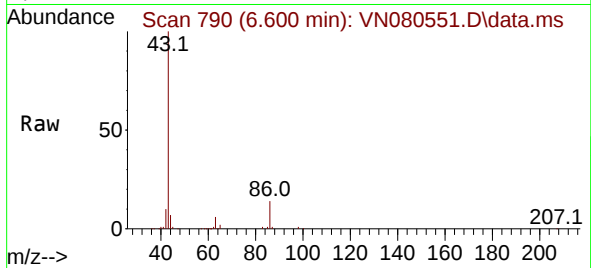
#23
 Vinyl Acetate
 Concen: 92.399 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Tgt Ion: 43 Resp: 411048
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6

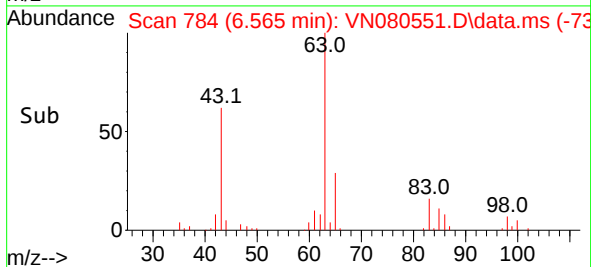
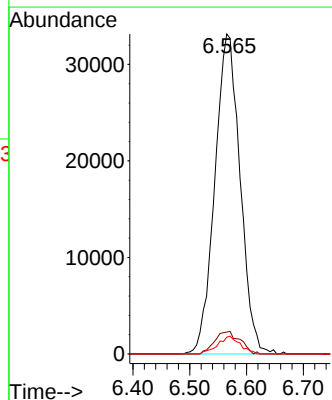
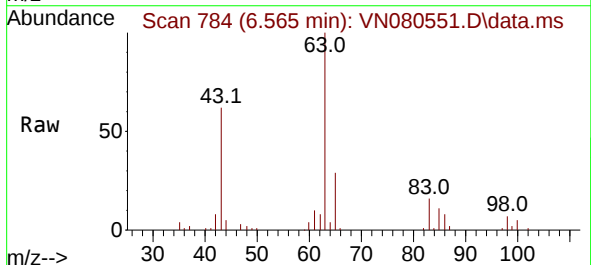
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#24
 1,1-Dichloroethane
 Concen: 18.955 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion: 63 Resp: 102436
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.2 2.5 7.4





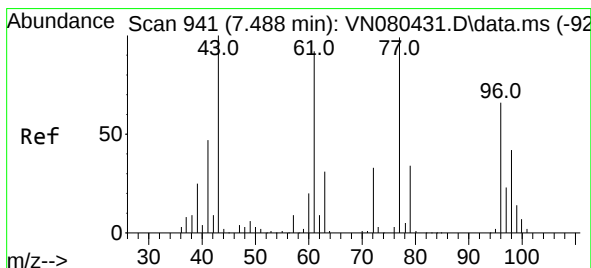
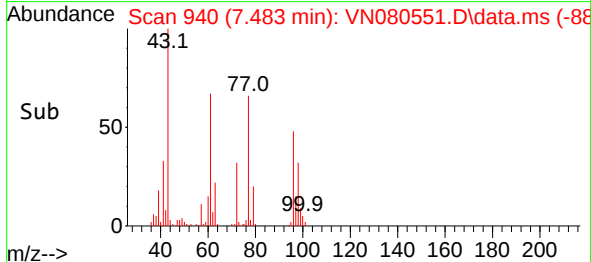
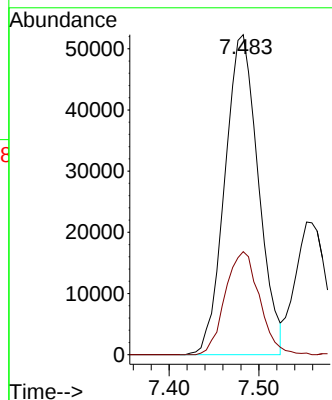
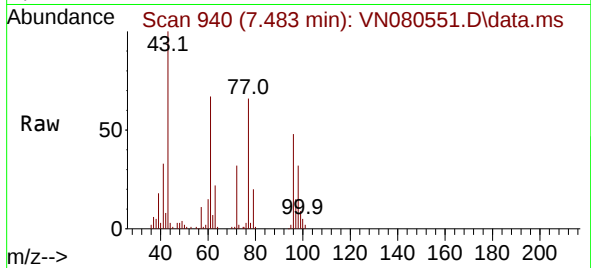
#25
2-Butanone
Concen: 115.318 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 43 Resp: 135749
Ion Ratio Lower Upper
43 100
72 32.2 30.2 45.2

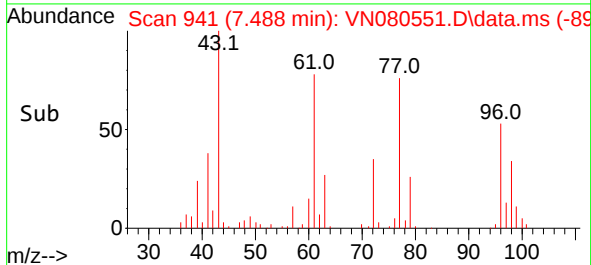
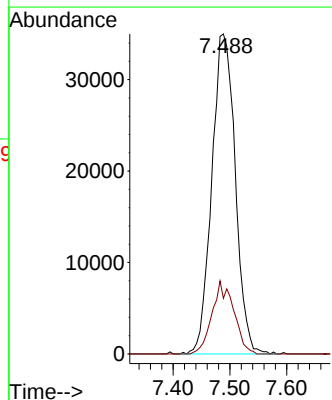
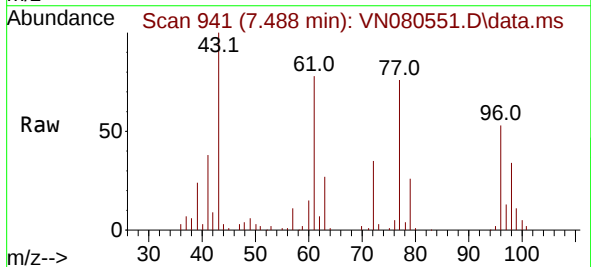
Manual Integrations
APPROVED

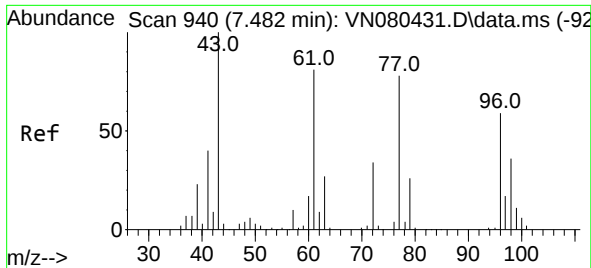
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#26
2,2-Dichloropropane
Concen: 18.146 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

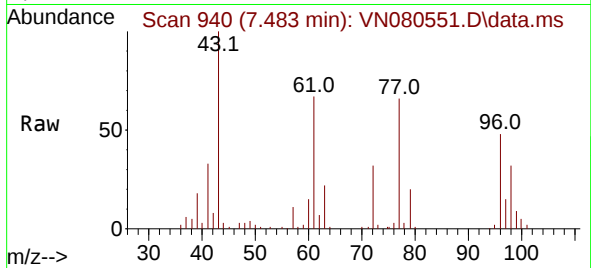
Tgt Ion: 77 Resp: 100274
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.352 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

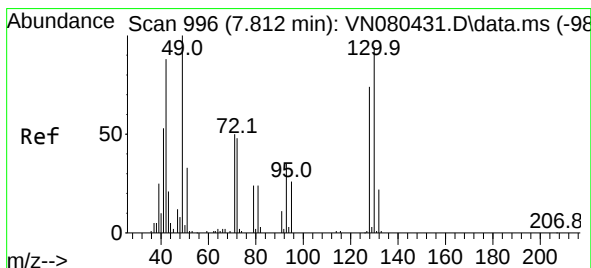
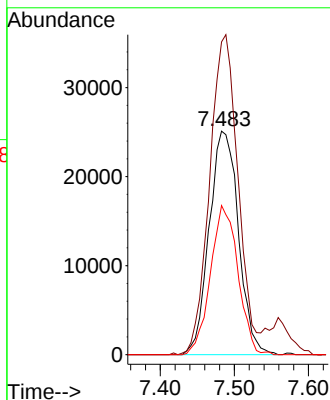
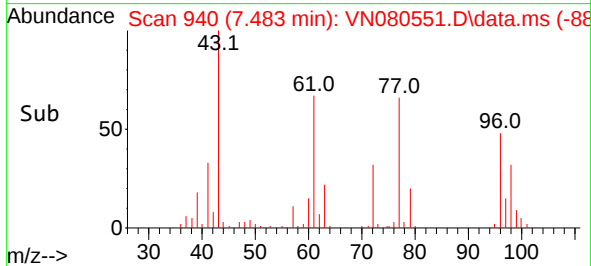
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01



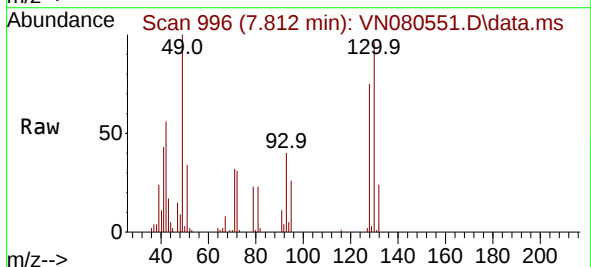
Tgt Ion: 96 Resp: 68890
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 255.2
 98 62.7 0.0 128.8

Manual Integrations
 APPROVED

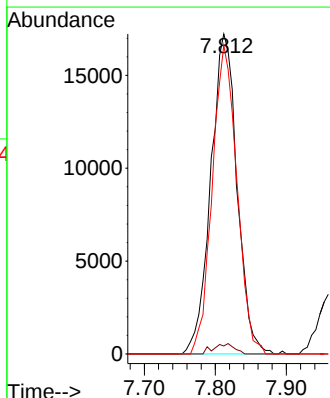
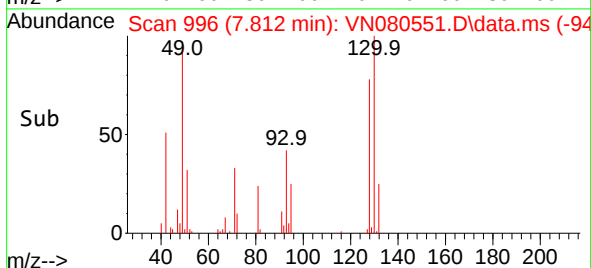
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

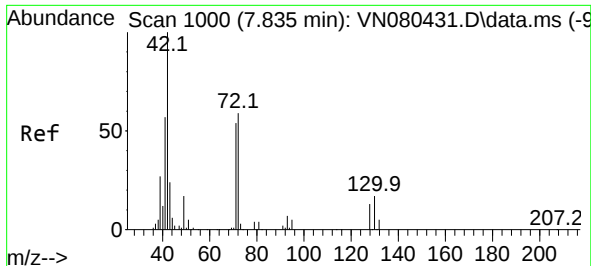


#28
 Bromochloromethane
 Concen: 21.309 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54



Tgt Ion: 49 Resp: 44214
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 90.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.247 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

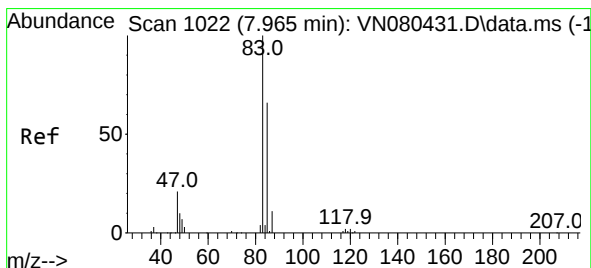
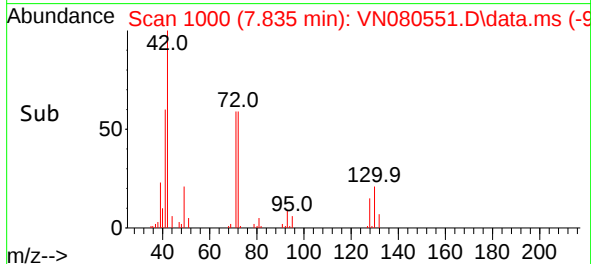
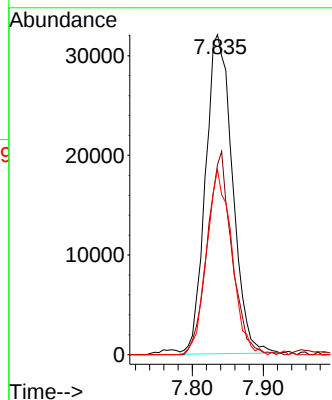
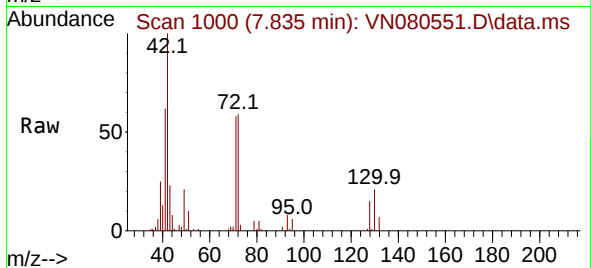
Tgt Ion:	42	Resp:	8450
Ion Ratio	Lower	Upper	
42	100		
72	57.6	49.8	74.6
71	54.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#30

Chloroform

Concen: 19.604 ug/l

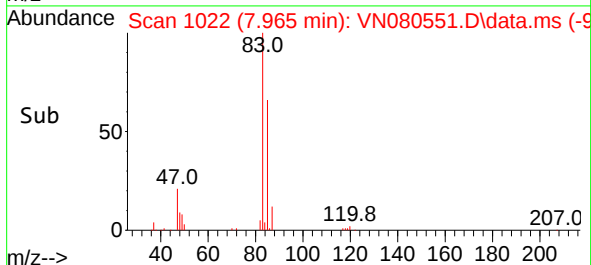
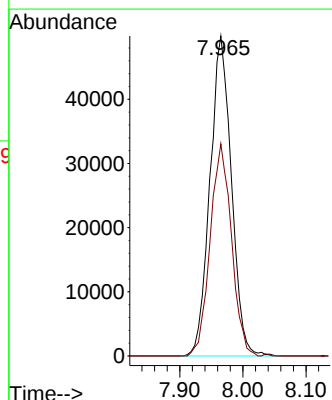
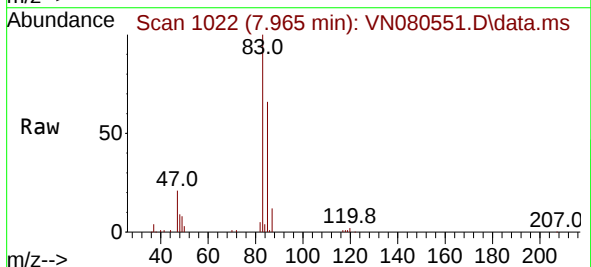
RT: 7.965 min Scan# 1022

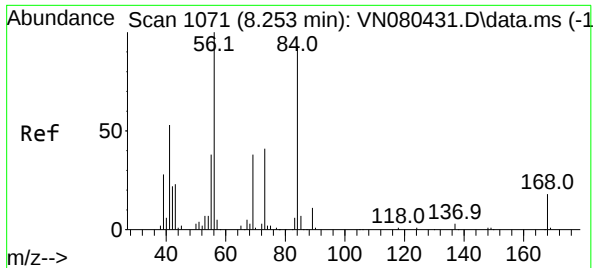
Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

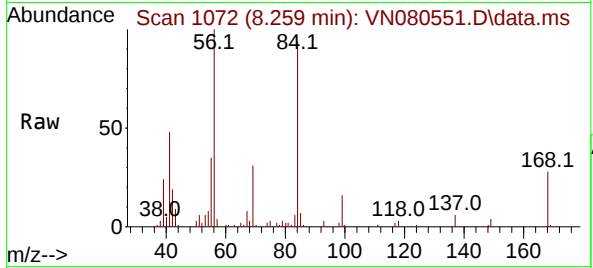
Tgt Ion:	83	Resp:	117595
Ion Ratio	Lower	Upper	
83	100		
85	66.3	55.4	83.0





#31
Cyclohexane
Concen: 16.747 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

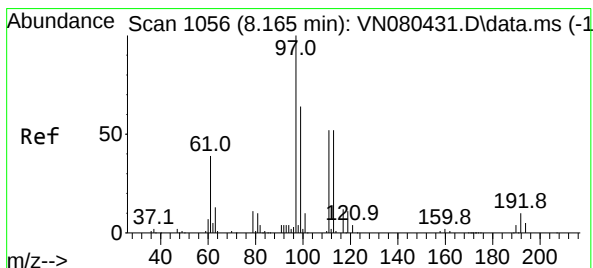
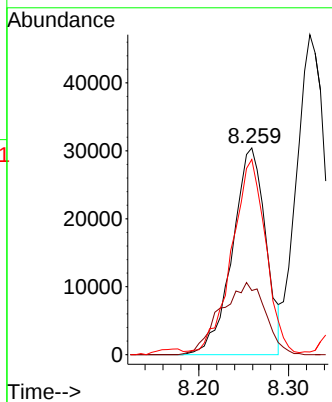
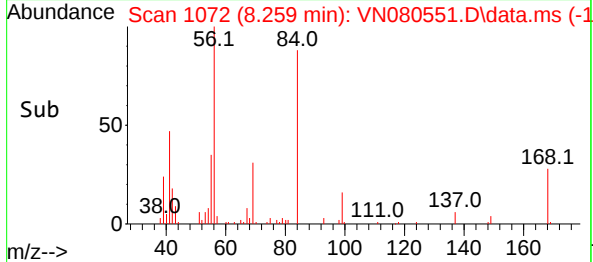
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



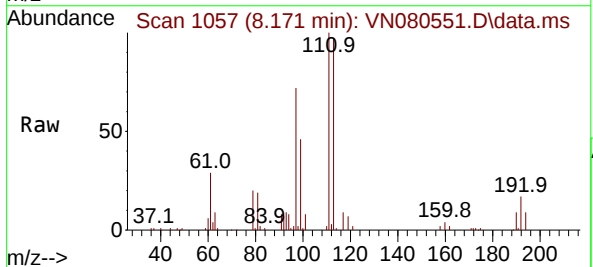
Tgt Ion: 56 Resp: 78485
Ion Ratio Lower Upper
56 100
69 31.0 26.8 40.2
84 91.6 81.8 122.6

Manual Integrations
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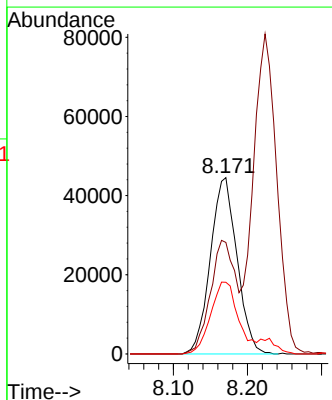
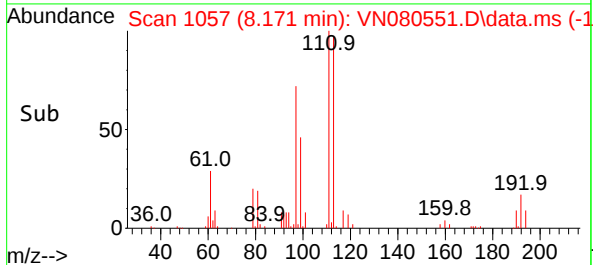
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

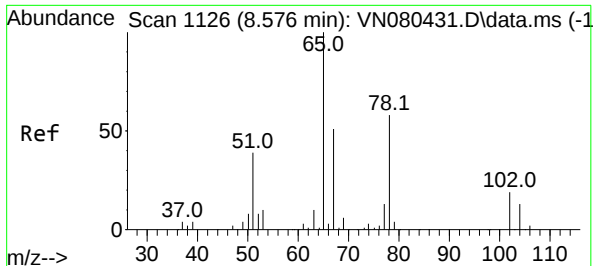


#32
1,1,1-Trichloroethane
Concen: 18.926 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



Tgt Ion: 97 Resp: 111157
Ion Ratio Lower Upper
97 100
99 60.0 50.3 75.5
61 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.413 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion: 65 Resp: 19785

Ion Ratio Lower Upper

65 100

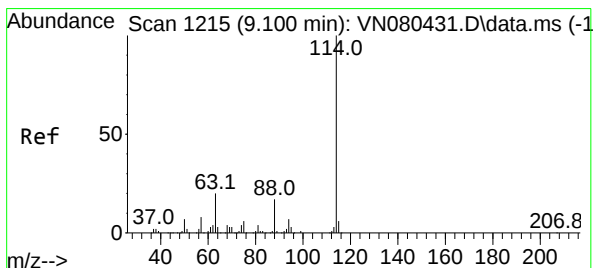
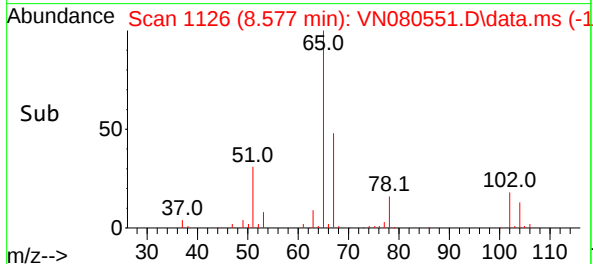
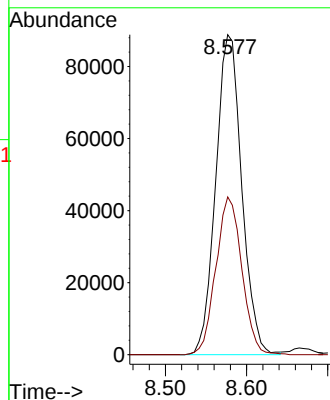
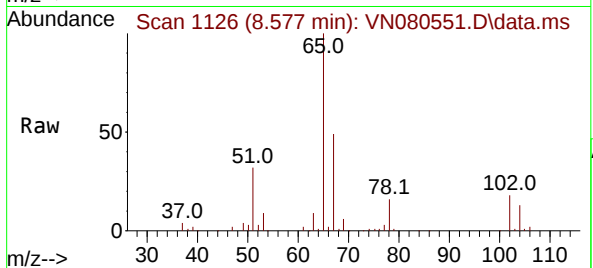
67 49.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

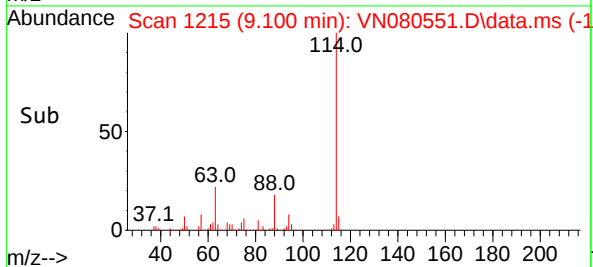
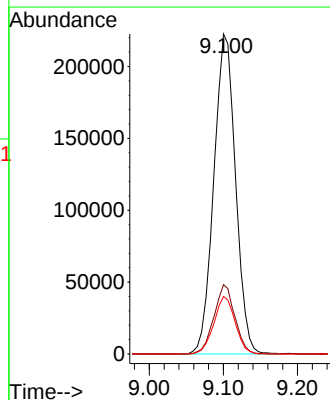
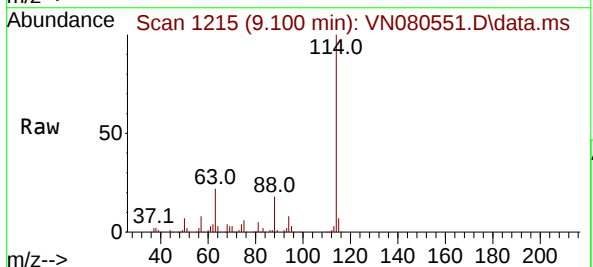
Tgt Ion:114 Resp: 453144

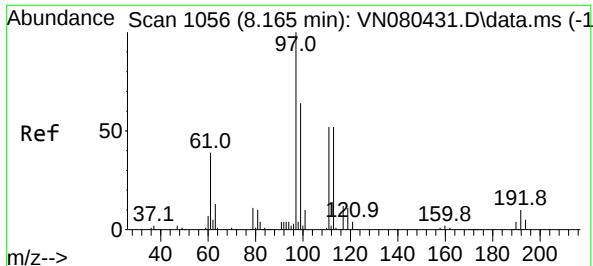
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 18.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.214 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion: 113 Resp: 15001

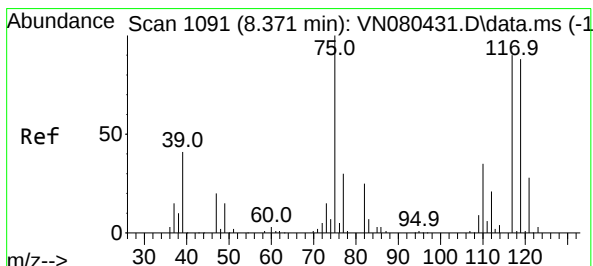
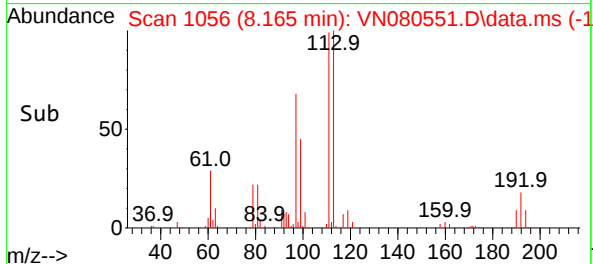
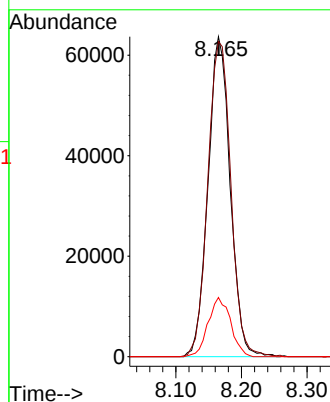
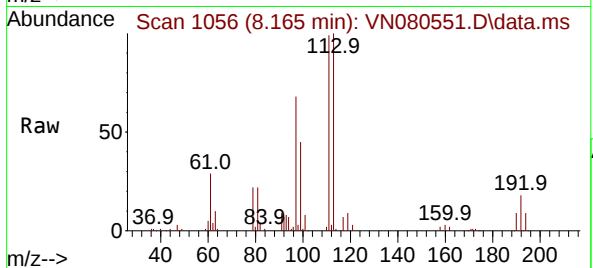
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	18.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#36

1,1-Dichloropropene

Concen: 17.236 ug/l

RT: 8.371 min Scan# 1091

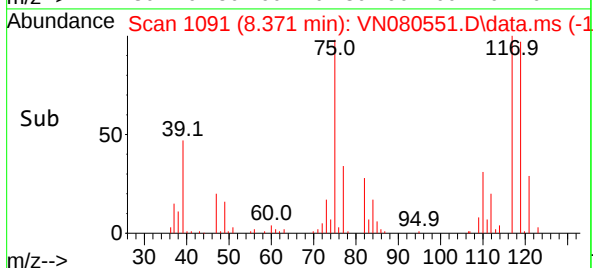
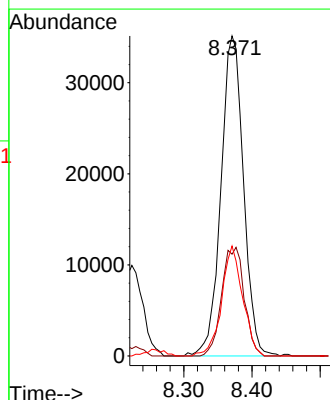
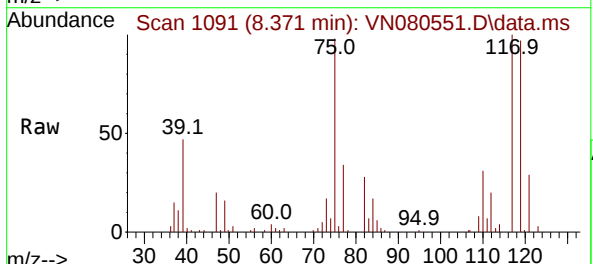
Delta R.T. 0.000 min

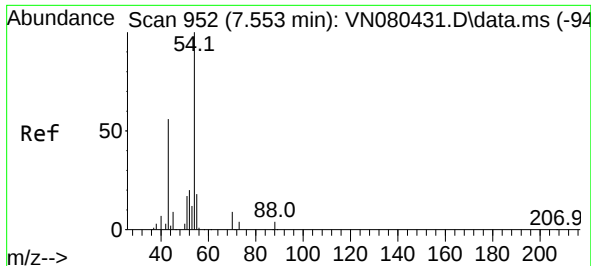
Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Tgt Ion: 75 Resp: 80972

Ion	Ratio	Lower	Upper
75	100		
110	34.0	19.1	57.3
77	32.1	25.0	37.4





#37

Ethyl Acetate

Concen: 18.942 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion: 43 Resp: 5572

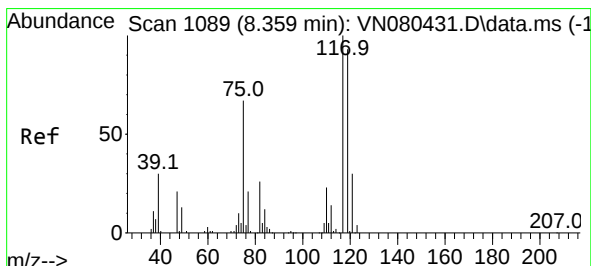
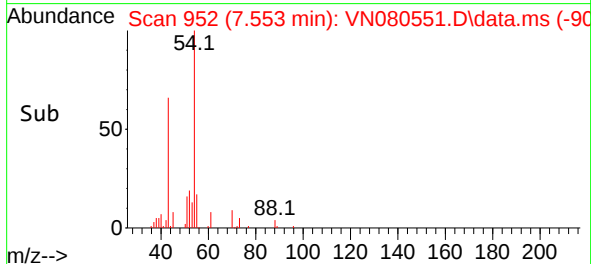
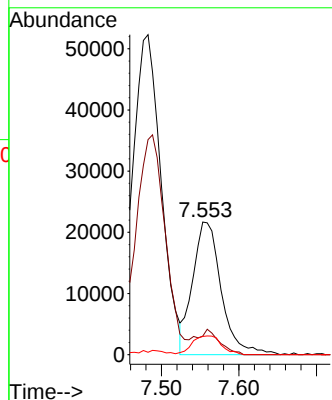
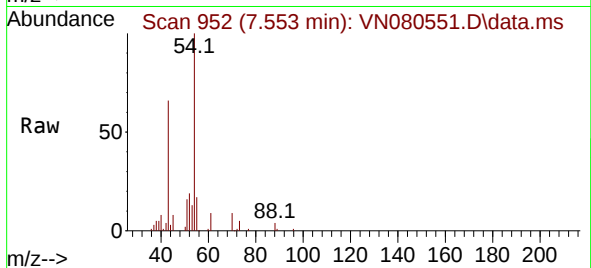
Ion	Ratio	Lower	Upper
43	100		
61	11.5	13.2	19.8
70	14.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#38

Carbon Tetrachloride

Concen: 17.354 ug/l

RT: 8.365 min Scan# 1090

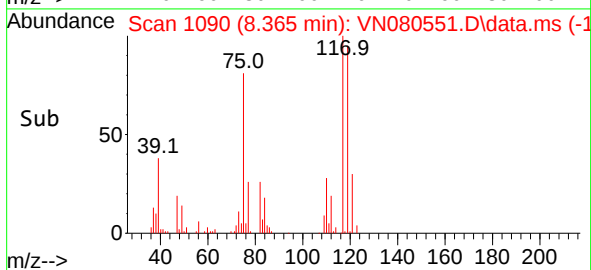
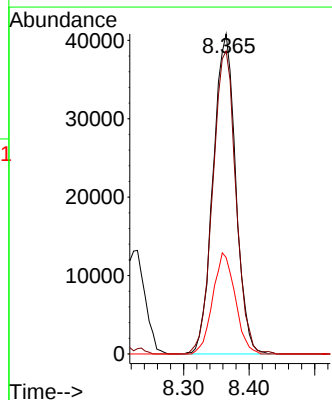
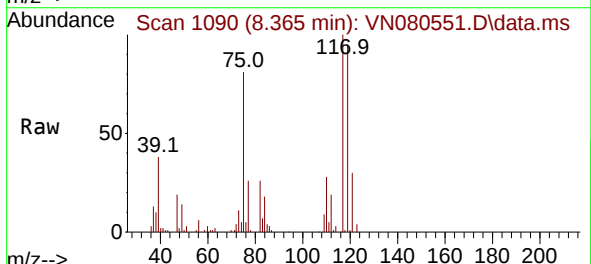
Delta R.T. 0.006 min

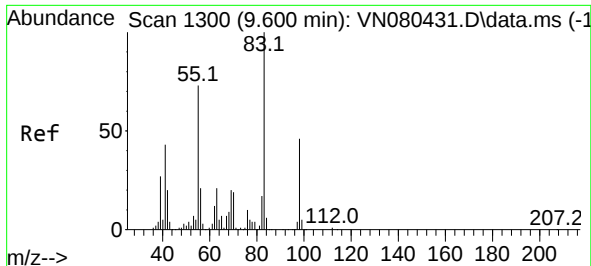
Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Tgt Ion:117 Resp: 97413

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.3	115.9
121	30.2	23.3	34.9





#39

Methylcyclohexane

Concen: 16.064 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

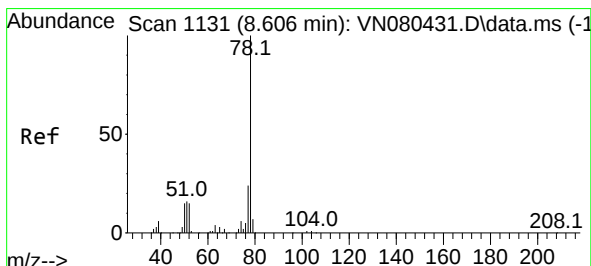
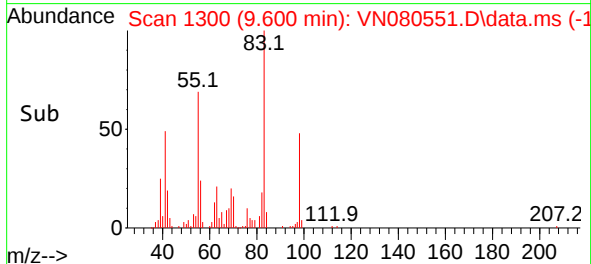
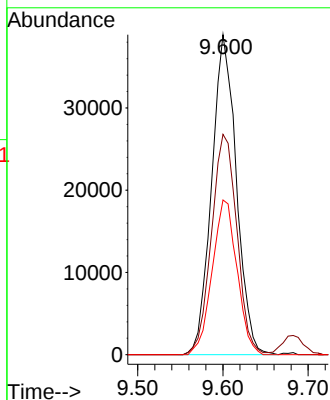
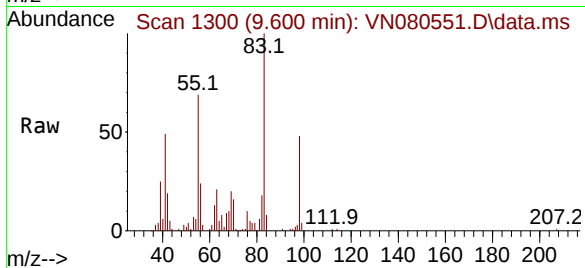
Tgt Ion:	83	Resp:	7839
Ion Ratio	Lower	Upper	
83	100		
55	68.8	49.1	73.7
98	48.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#40

Benzene

Concen: 17.477 ug/l

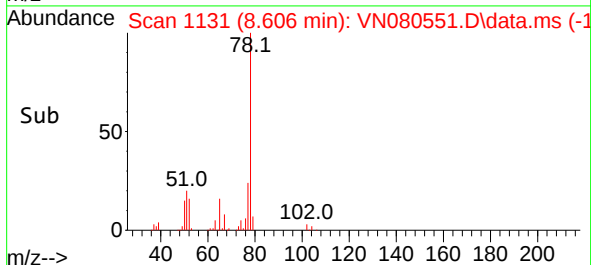
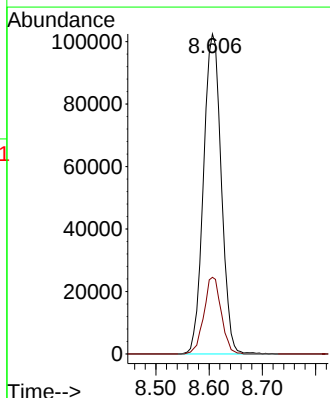
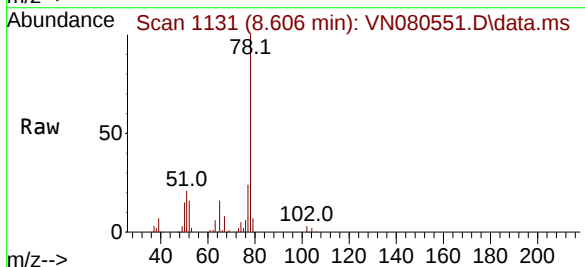
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

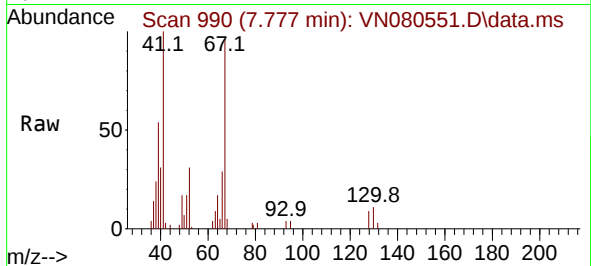
Tgt Ion:	78	Resp:	237089
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.0	28.6





#41
Methacrylonitrile
Concen: 19.379 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

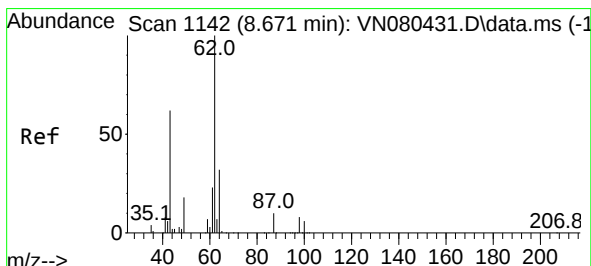
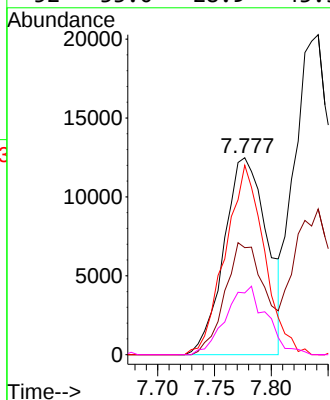
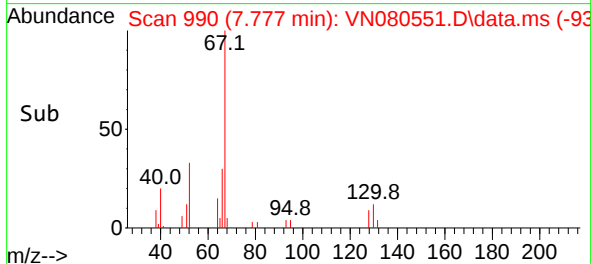
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 41 Resp: 3286
Ion Ratio Lower Upper
41 100
39 53.0 42.6 64.0
67 87.3 77.5 116.3
52 33.0 28.9 43.3

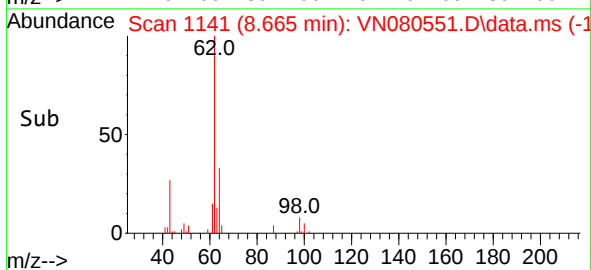
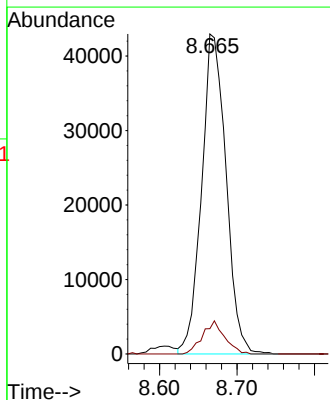
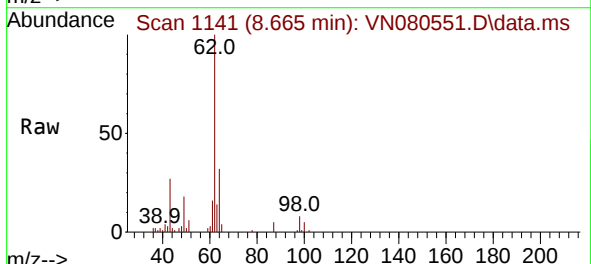
Manual Integrations
APPROVED

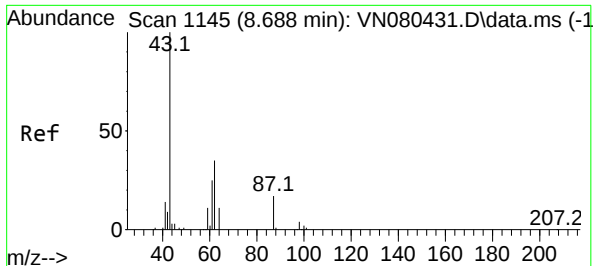
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#42
1,2-Dichloroethane
Concen: 18.762 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

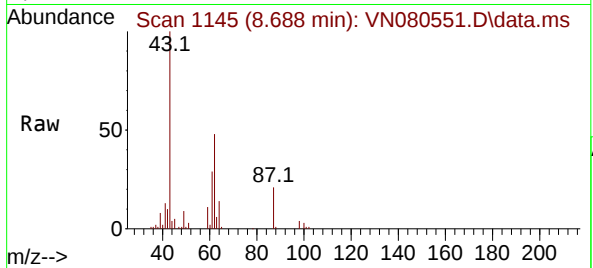
Tgt Ion: 62 Resp: 94248
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.487 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

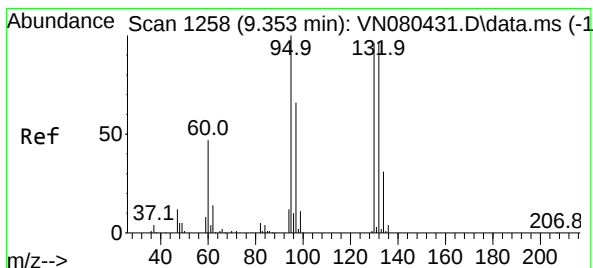
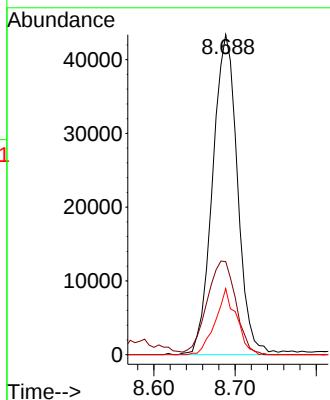
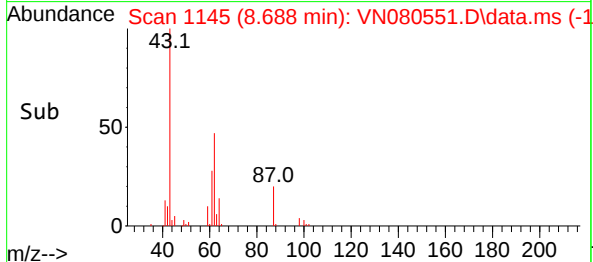
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



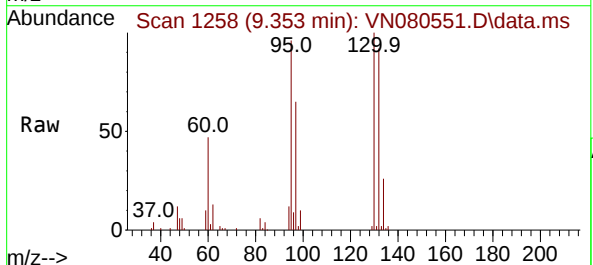
Tgt Ion: 43 Resp: 92492
Ion Ratio Lower Upper
43 100
61 33.9 24.7 37.1
87 17.6 14.6 21.8

Manual Integrations
APPROVED

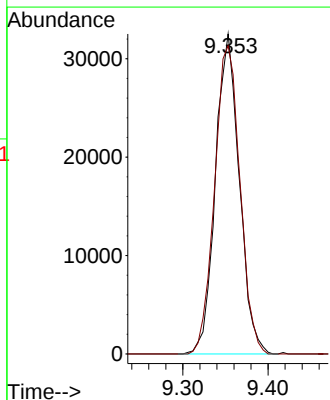
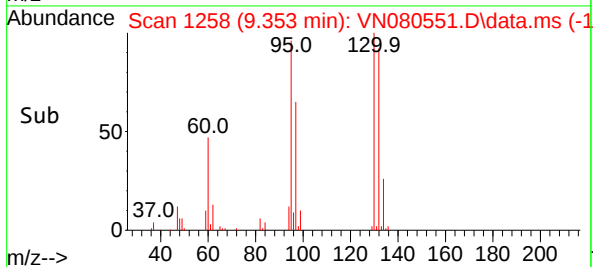
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

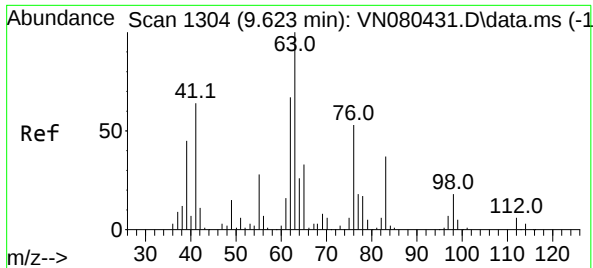


#44
Trichloroethene
Concen: 17.269 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



Tgt Ion:130 Resp: 63155
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.291 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion: 63 Resp: 5827

Ion Ratio Lower Upper

63 100

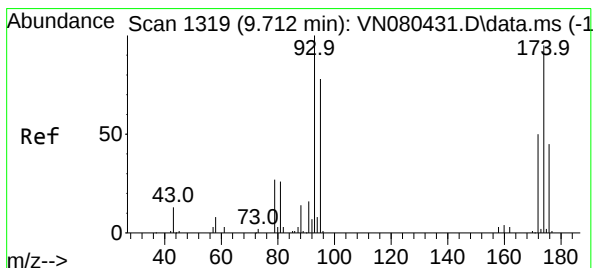
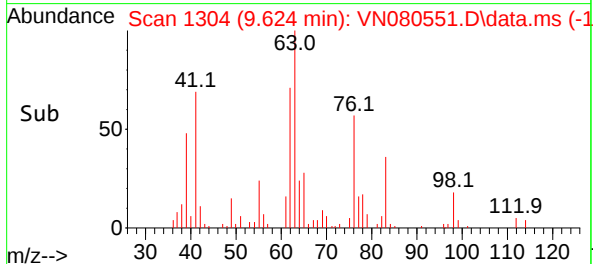
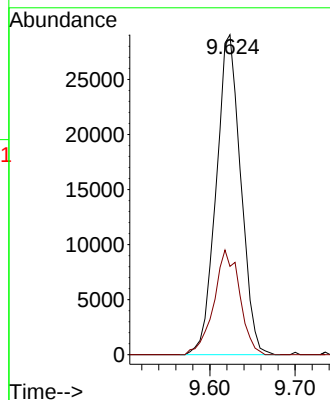
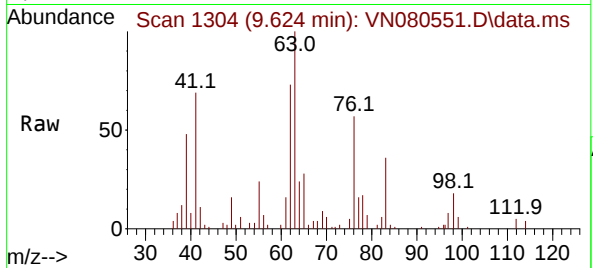
65 27.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#46

Dibromomethane

Concen: 18.539 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

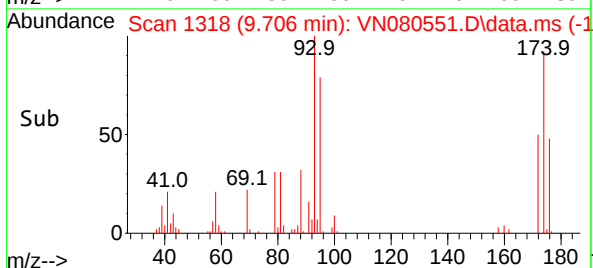
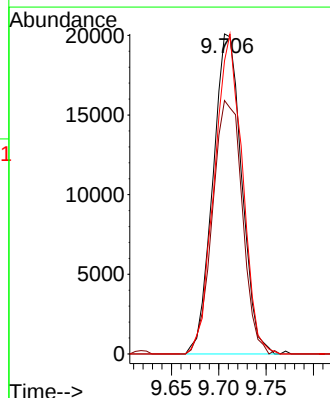
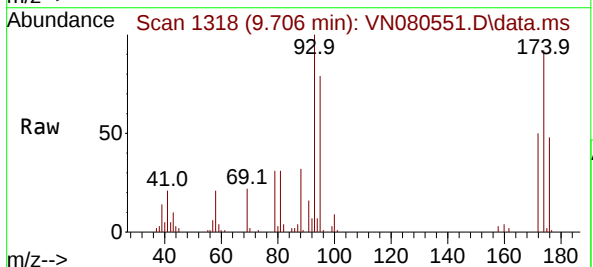
Tgt Ion: 93 Resp: 42419

Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

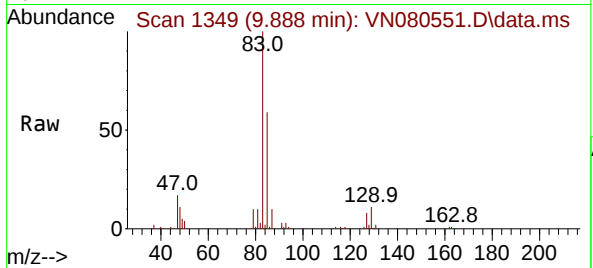
174 96.9 65.6 98.4





#47
Bromodichloromethane
Concen: 18.993 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

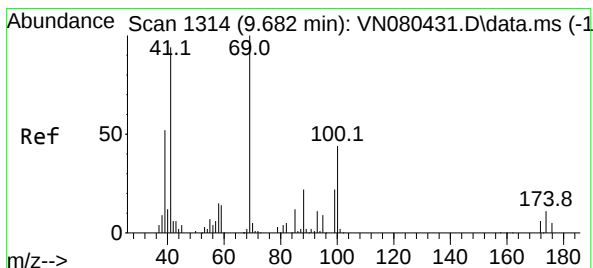
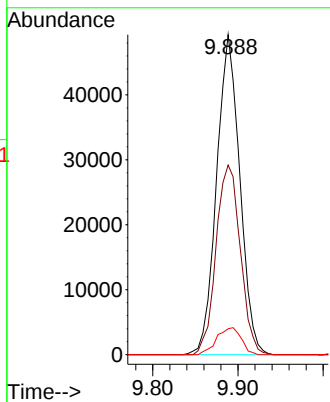
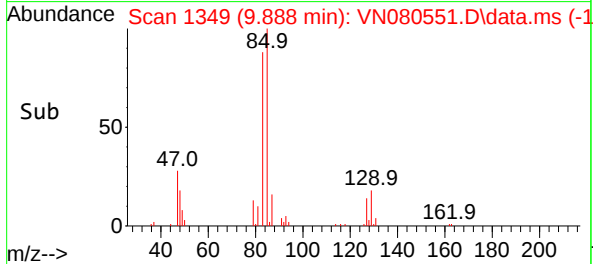
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 83 Resp: 93138
Ion Ratio Lower Upper
83 100
85 59.2 49.6 74.4
127 8.1 7.0 10.6

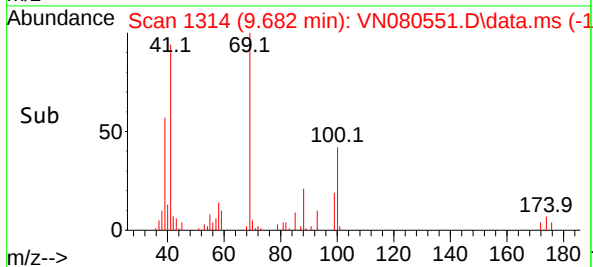
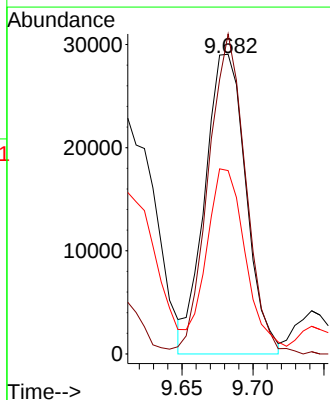
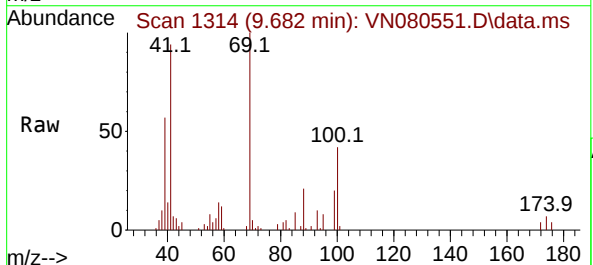
Manual Integrations
APPROVED

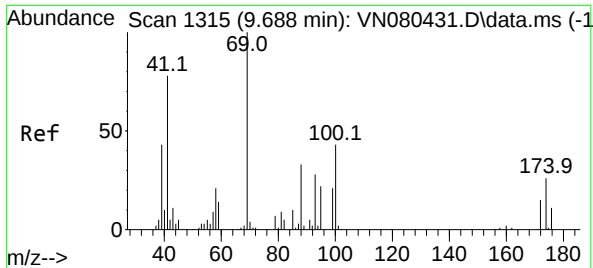
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#48
Methyl methacrylate
Concen: 18.530 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 41 Resp: 58490
Ion Ratio Lower Upper
41 100
69 97.3 90.4 135.6
39 59.1 54.6 81.8





#49

1,4-Dioxane

Concen: 364.443 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

Tgt Ion: 88 Resp: 17430

Ion Ratio Lower Upper

88 100

43 30.6 17.0 25.6

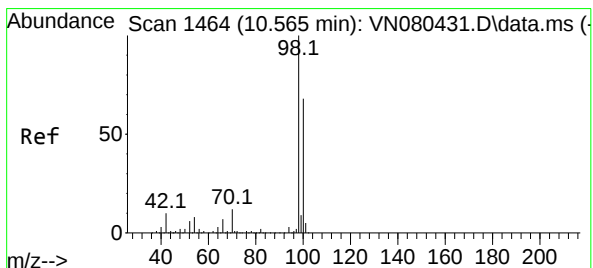
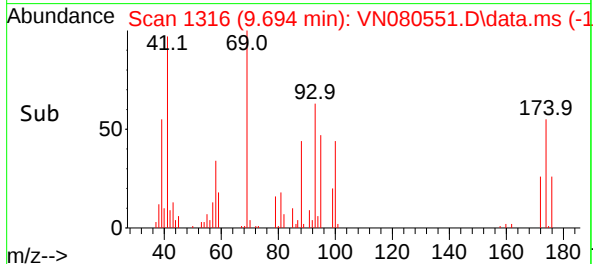
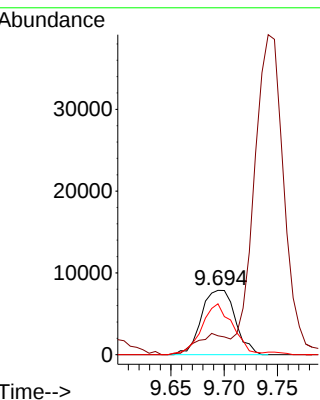
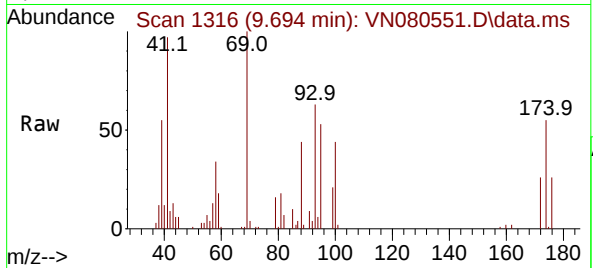
58 72.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#50

Toluene-d8

Concen: 52.399 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080551.D

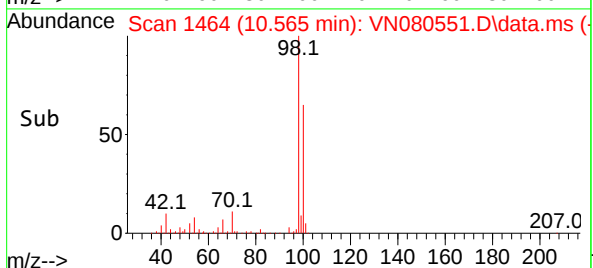
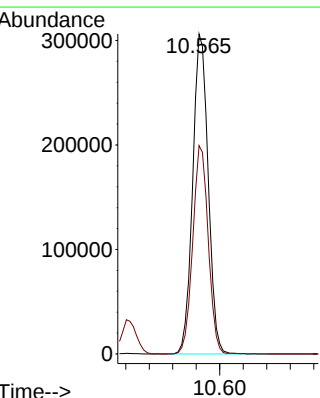
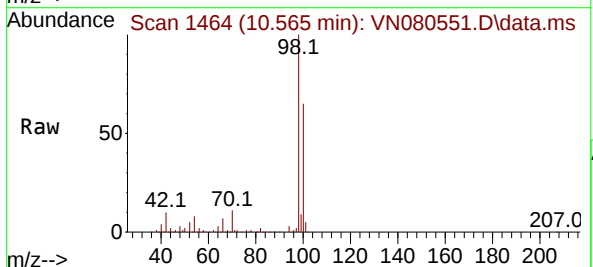
Acq: 20 Dec 2023 16:54

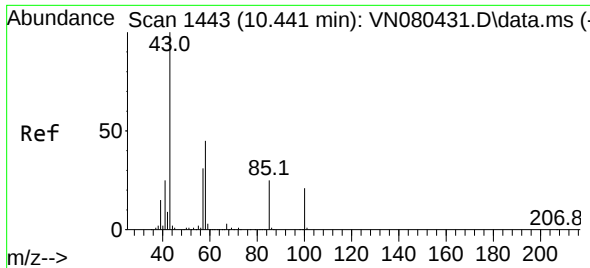
Tgt Ion: 98 Resp: 561471

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





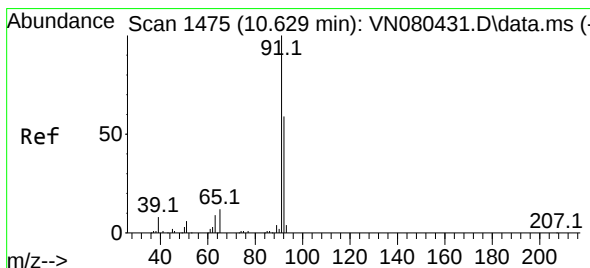
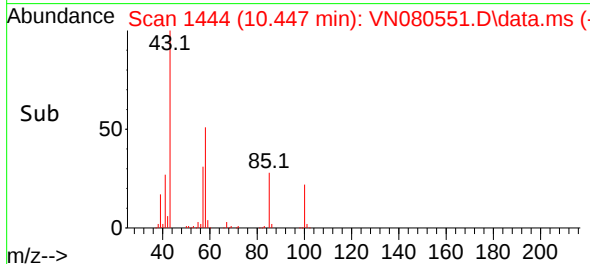
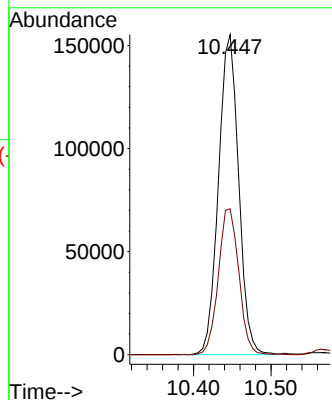
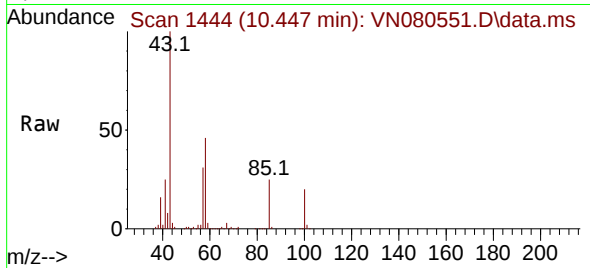
#51
4-Methyl-2-Pentanone
Concen: 96.452 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 43 Resp: 280968
Ion Ratio Lower Upper
43 100
58 46.4 36.6 54.8

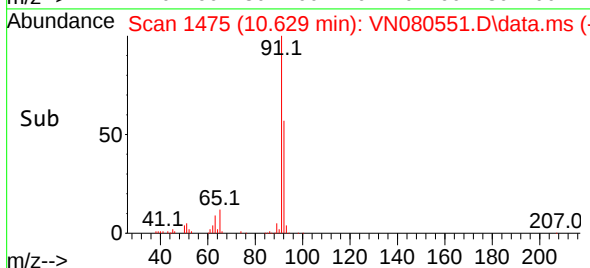
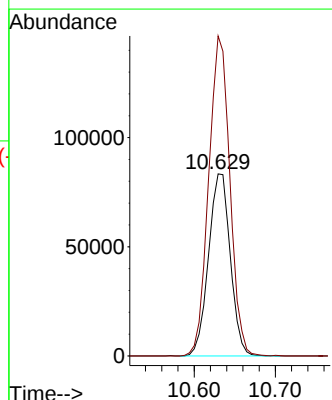
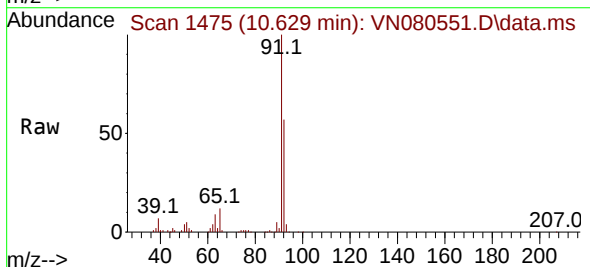
Manual Integrations
APPROVED

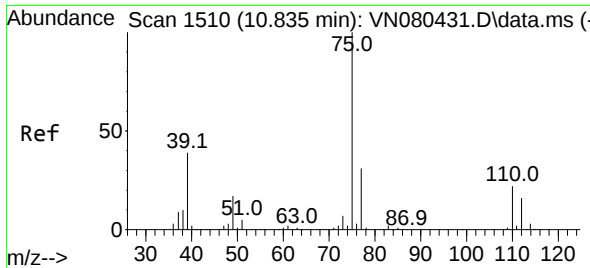
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#52
Toluene
Concen: 18.096 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 92 Resp: 155076
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





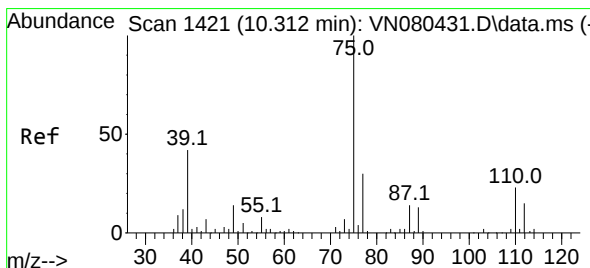
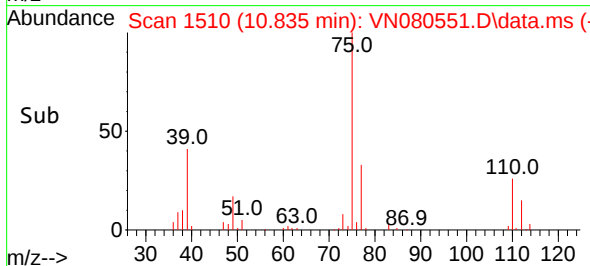
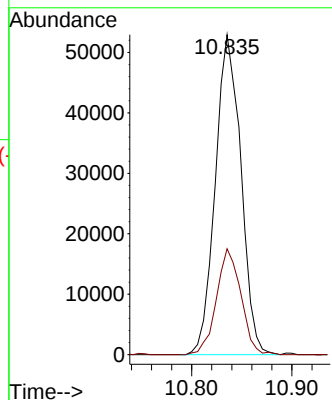
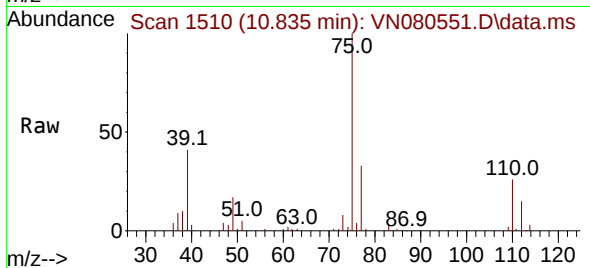
#53
t-1,3-Dichloropropene
Concen: 17.673 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 75 Resp: 9376
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0

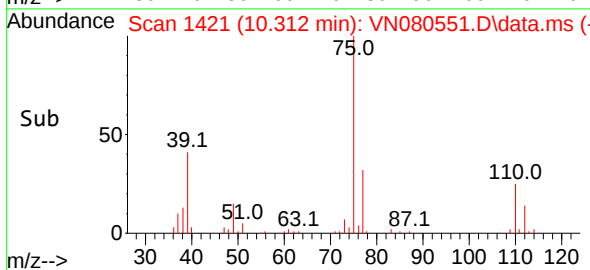
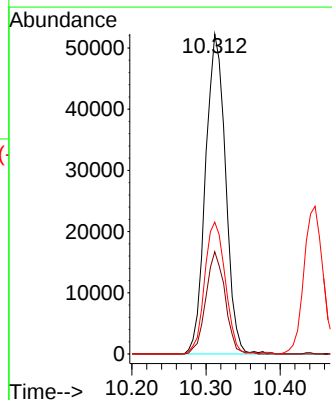
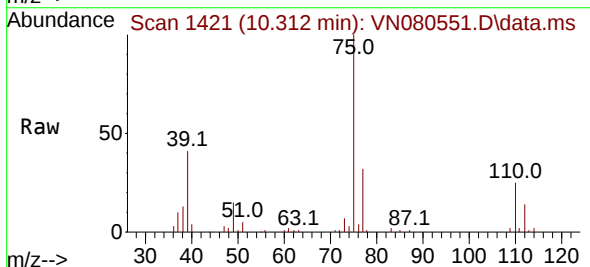
Manual Integrations
APPROVED

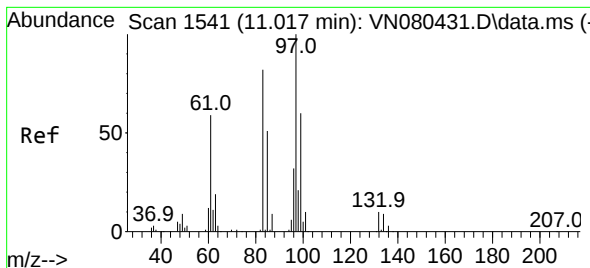
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#54
cis-1,3-Dichloropropene
Concen: 17.311 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

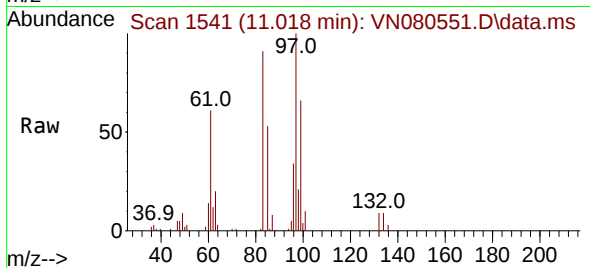
Tgt Ion: 75 Resp: 98167
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 41.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.053 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

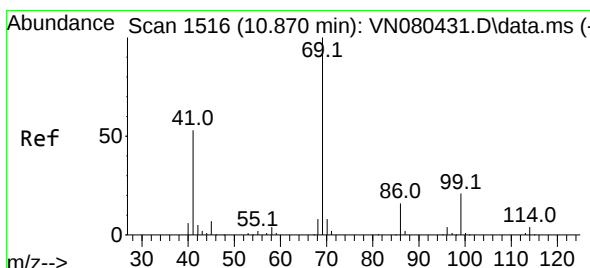
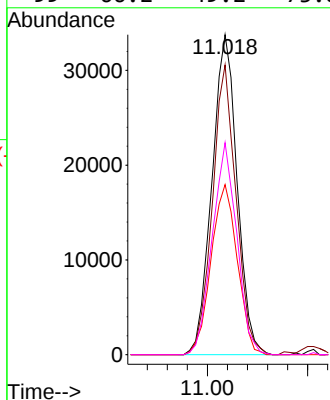
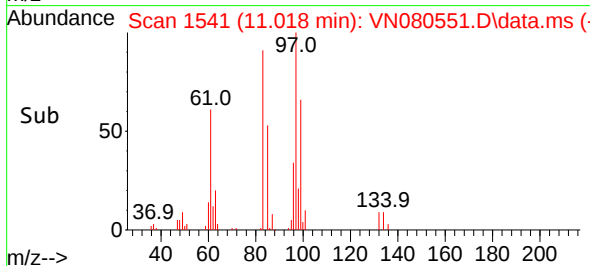
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



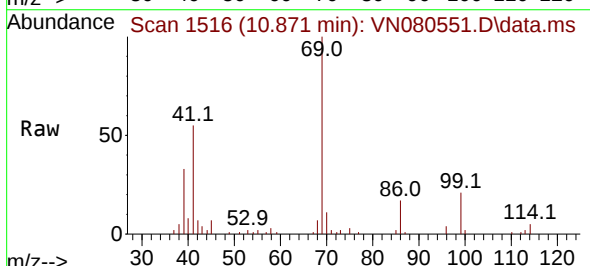
Tgt Ion:	97	Resp:	5875
Ion	Ratio	Lower	Upper
97	100		
83	90.5	65.1	97.7
85	53.2	43.4	65.2
99	66.2	49.2	73.8

Manual Integrations
APPROVED

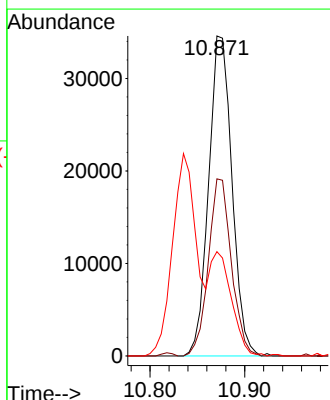
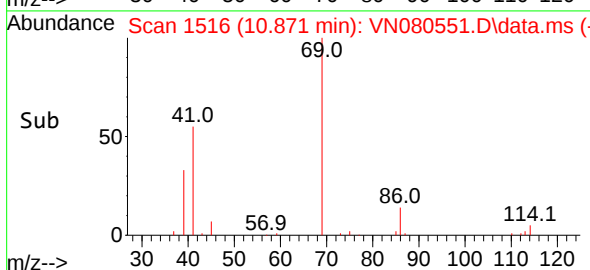
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

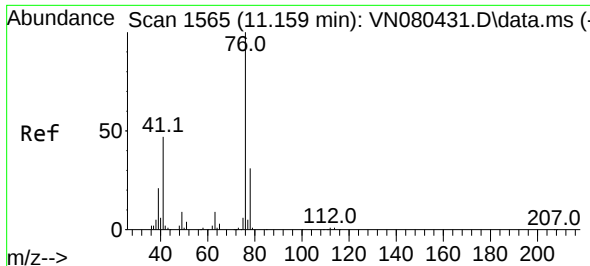


#56
Ethyl methacrylate
Concen: 17.345 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



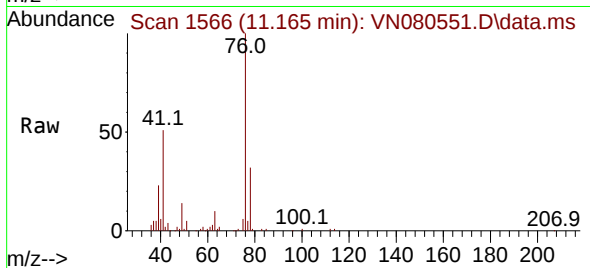
Tgt Ion:	69	Resp:	59215
Ion	Ratio	Lower	Upper
69	100		
41	54.6	39.6	59.4
39	29.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.003 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

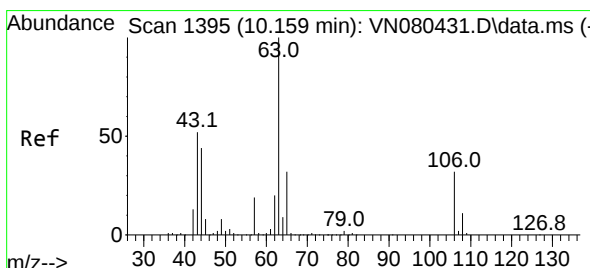
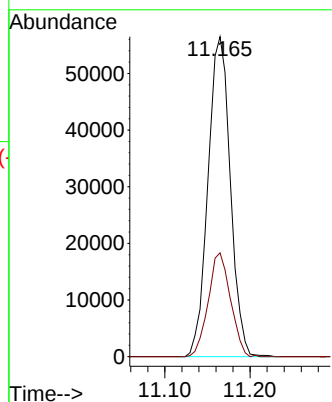
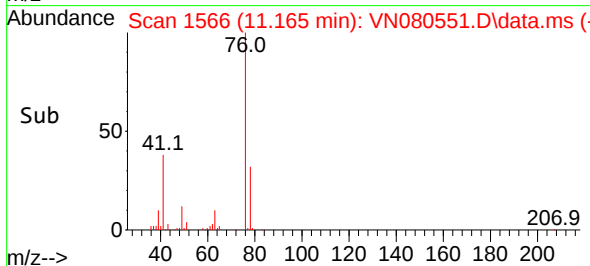
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 76 Resp: 102719
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

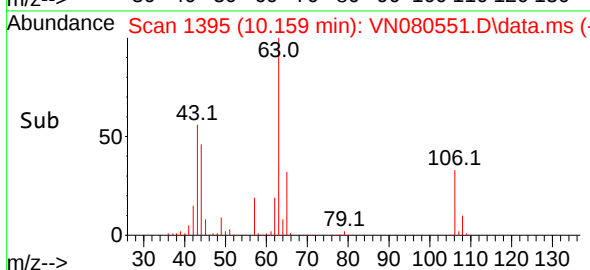
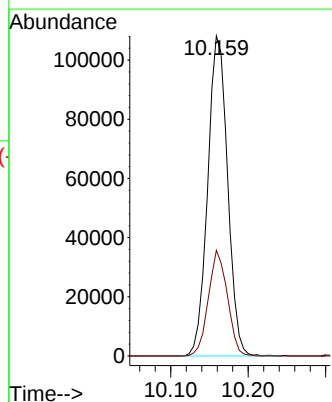
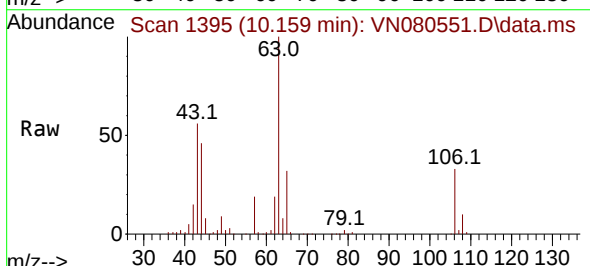
Manual Integrations
APPROVED

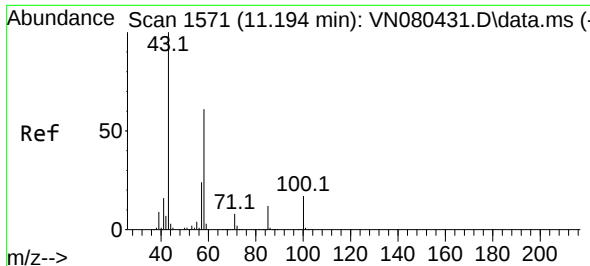
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 89.336 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

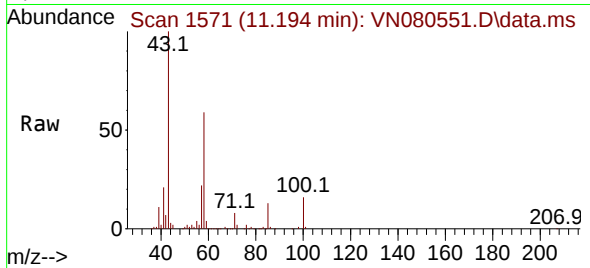
Tgt Ion: 63 Resp: 192539
Ion Ratio Lower Upper
63 100
106 31.6 26.2 39.4





#59
2-Hexanone
Concen: 98.064 ug/l
RT: 11.194 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

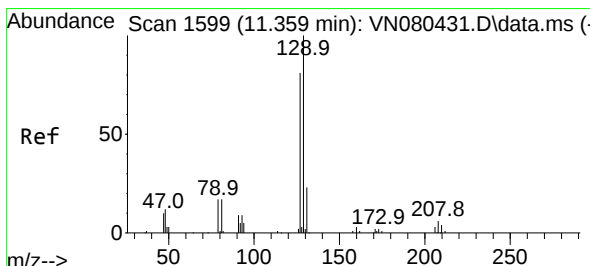
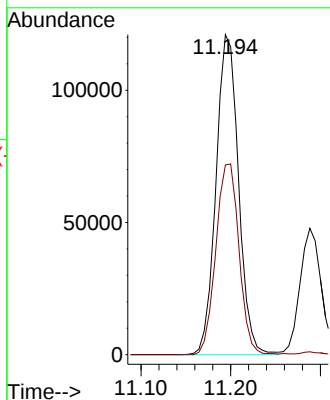
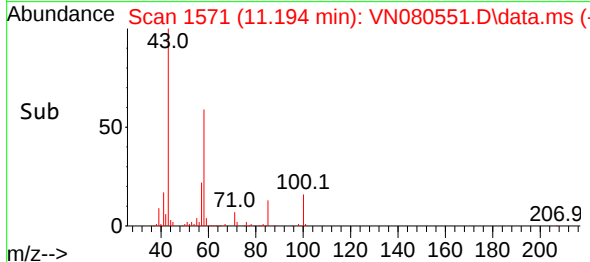
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 43 Resp: 21089
Ion Ratio Lower Upper
43 100
58 61.2 31.7 95.1

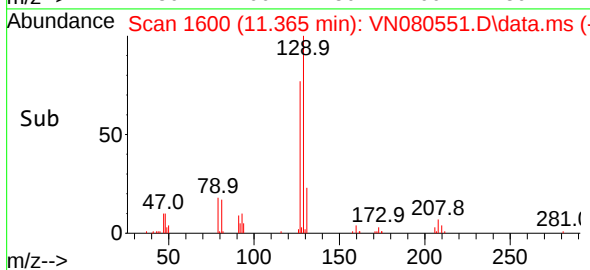
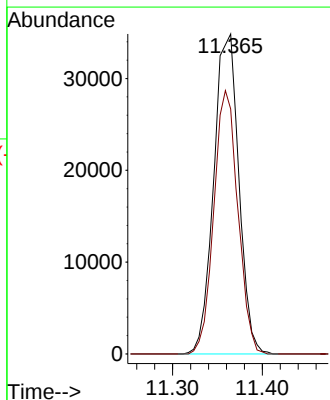
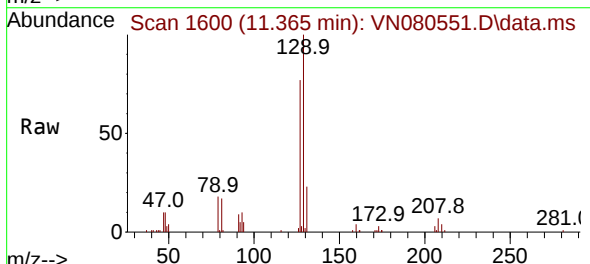
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#60
Dibromochloromethane
Concen: 18.558 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

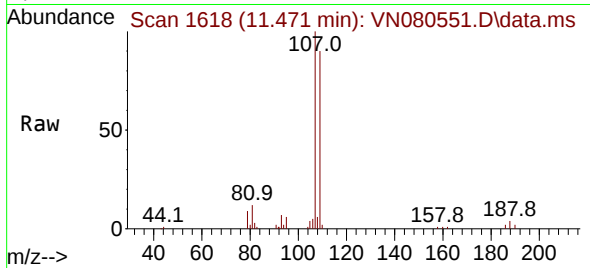
Tgt Ion:129 Resp: 67808
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.877 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

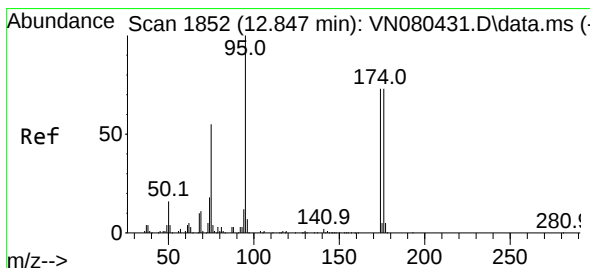
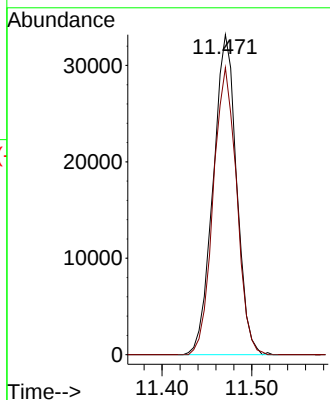
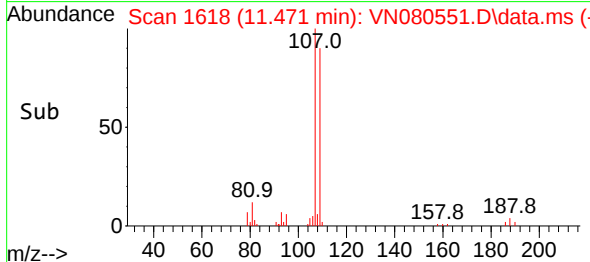
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



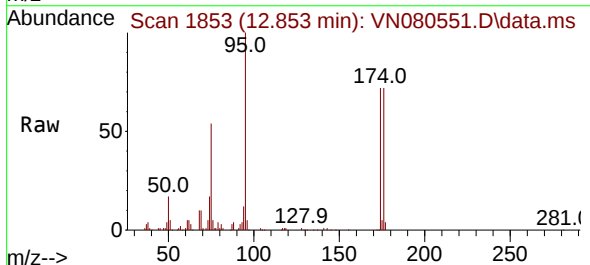
Tgt Ion:107 Resp: 6024
Ion Ratio Lower Upper
107 100
109 89.4 76.6 114.8

Manual Integrations
APPROVED

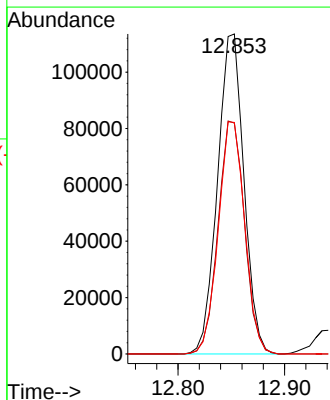
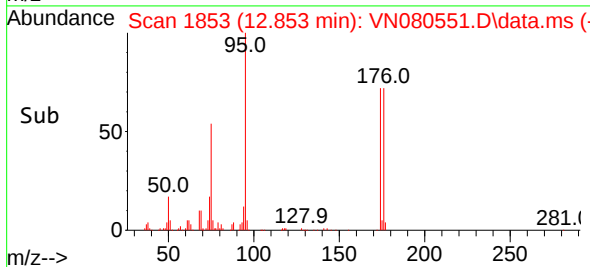
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

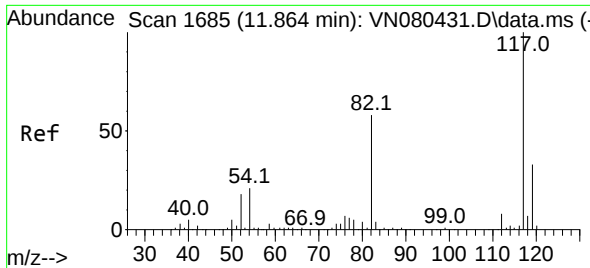


#62
4-Bromofluorobenzene
Concen: 47.996 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



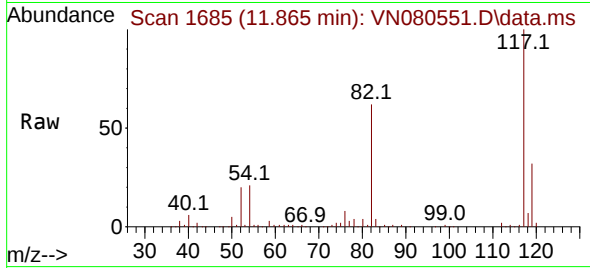
Tgt Ion: 95 Resp: 195288
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 72.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

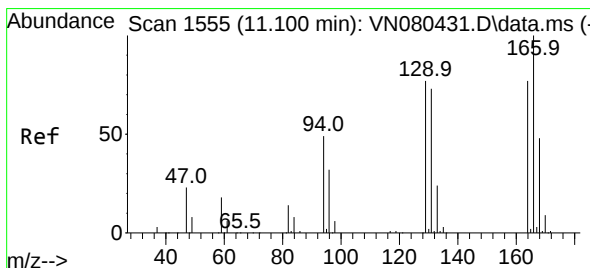
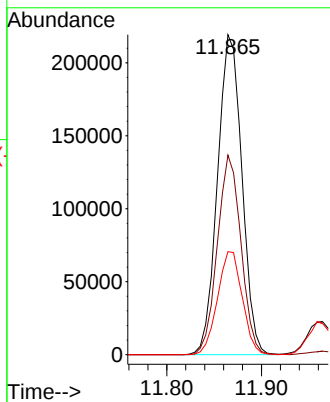
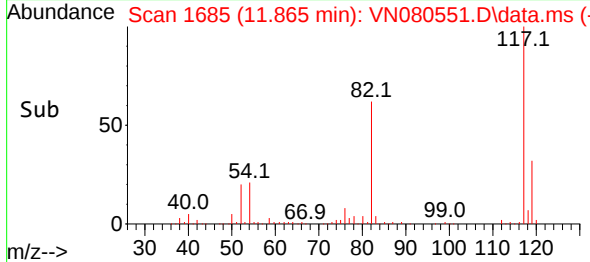
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



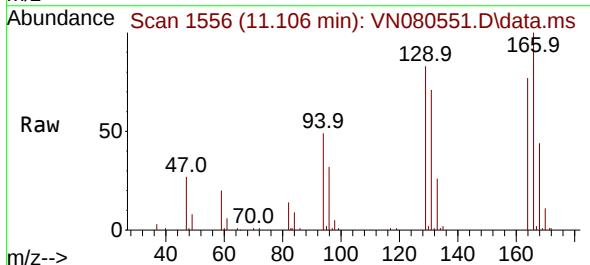
Tgt Ion:117 Resp: 392700
Ion Ratio Lower Upper
117 100
82 62.3 44.0 66.0
119 32.2 25.6 38.4

Manual Integrations
APPROVED

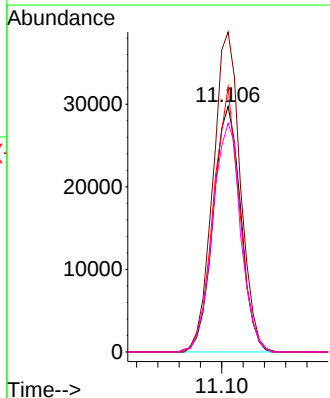
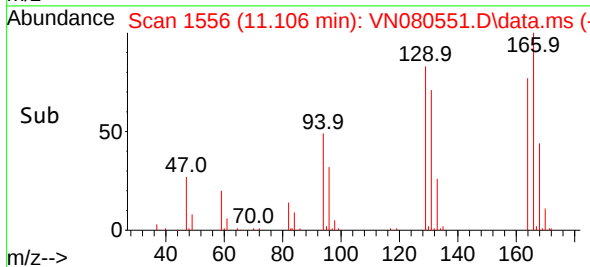
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

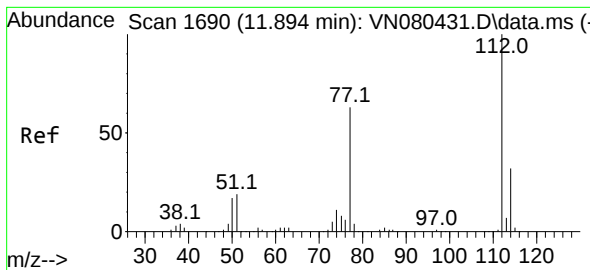


#64
Tetrachloroethene
Concen: 17.568 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



Tgt Ion:164 Resp: 53266
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 107.9 82.4 123.6
131 93.2 78.2 117.4





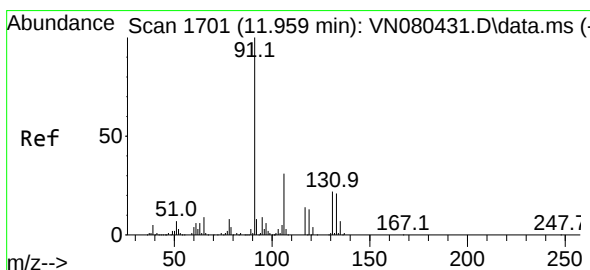
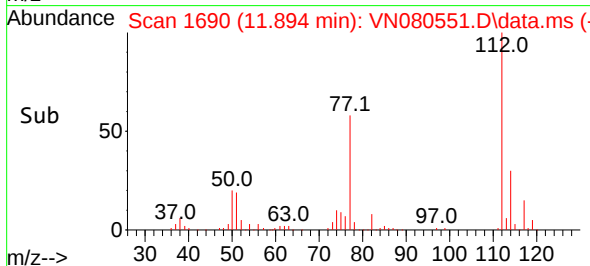
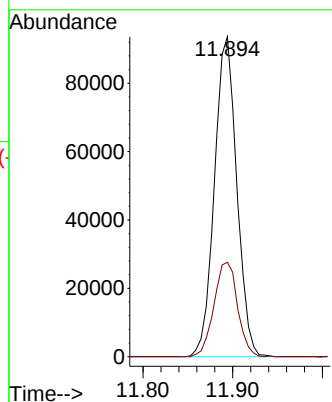
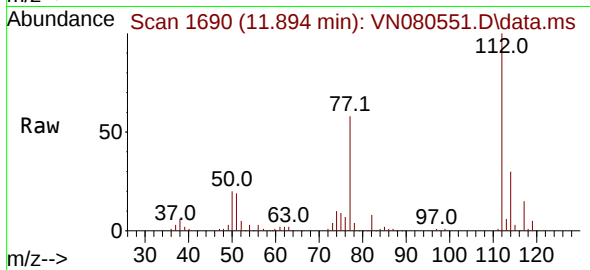
#65
Chlorobenzene
Concen: 18.495 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion:112 Resp: 161568
Ion Ratio Lower Upper
112 100
114 29.5 25.0 37.4

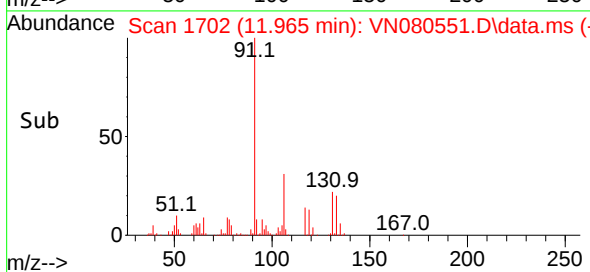
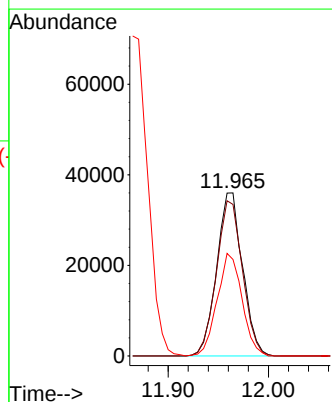
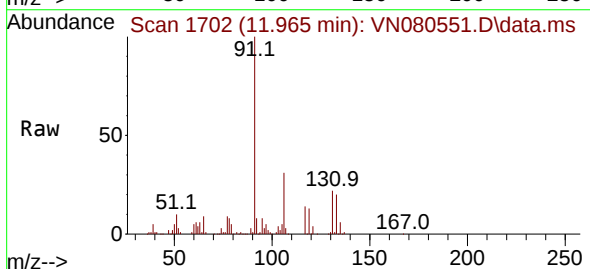
Manual Integrations
APPROVED

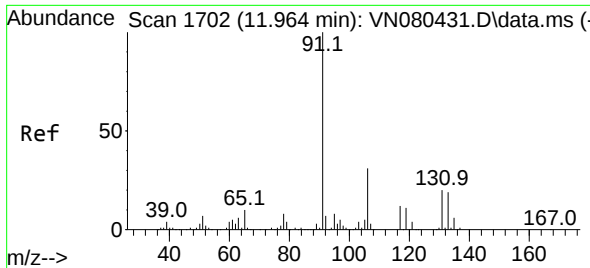
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.842 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:131 Resp: 64587
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 60.3 34.1 102.2





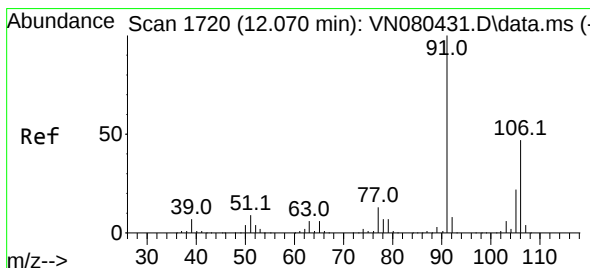
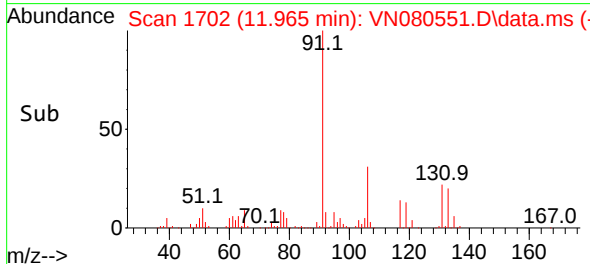
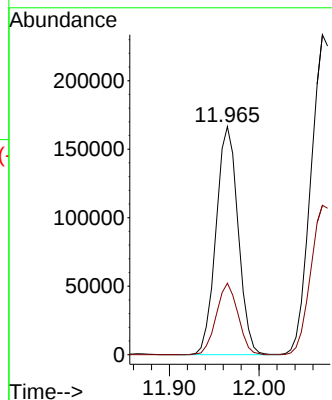
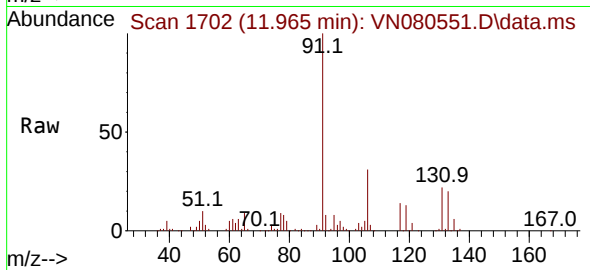
#67
Ethyl Benzene
Concen: 17.721 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion: 91 Resp: 284658
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

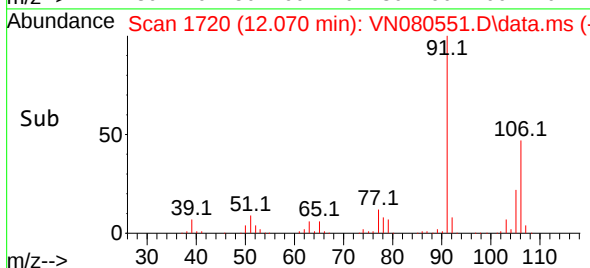
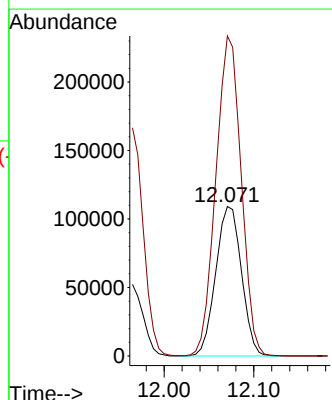
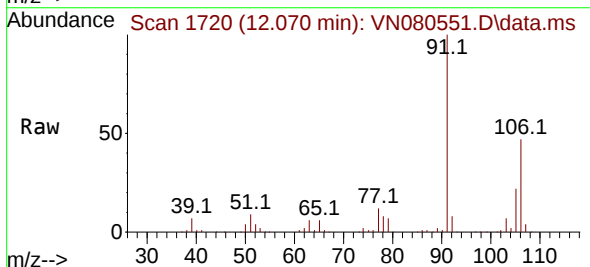
Manual Integrations
APPROVED

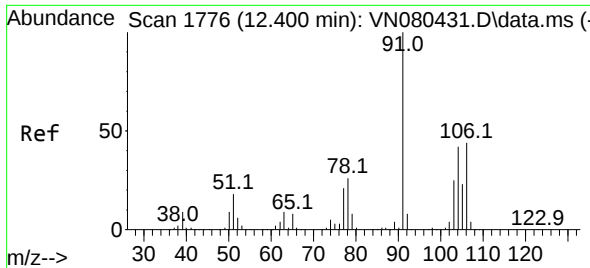
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#68
m/p-Xylenes
Concen: 36.515 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:106 Resp: 216739
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4





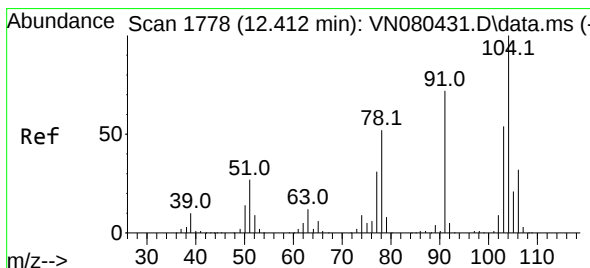
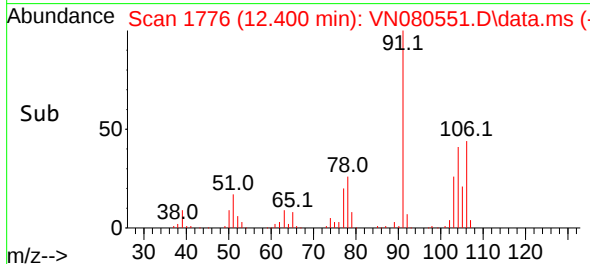
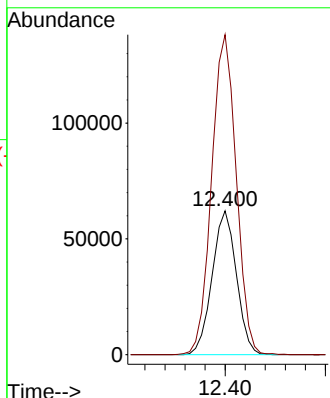
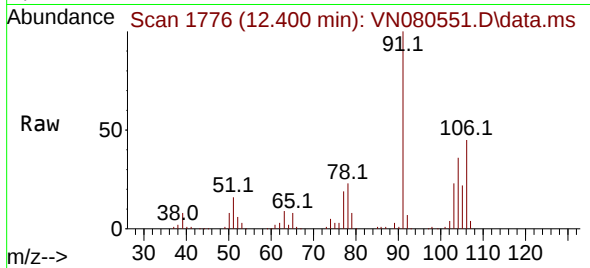
#69
o-Xylene
Concen: 17.945 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion:106 Resp: 104180
Ion Ratio Lower Upper
106 100
91 225.7 105.2 315.5

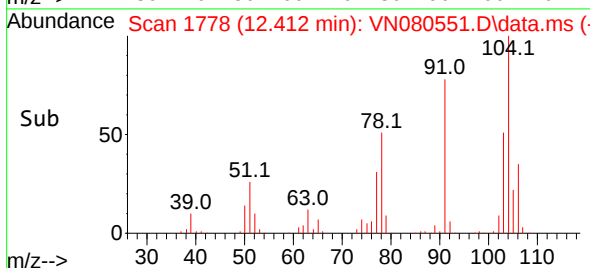
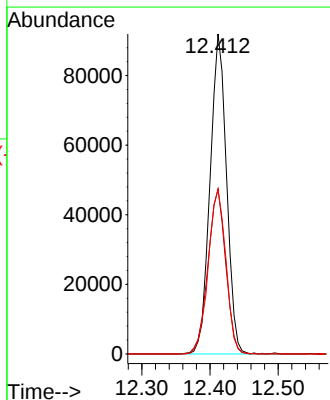
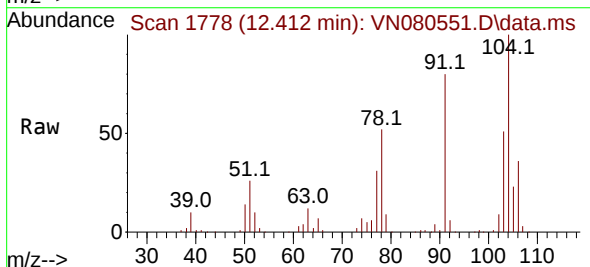
Manual Integrations
APPROVED

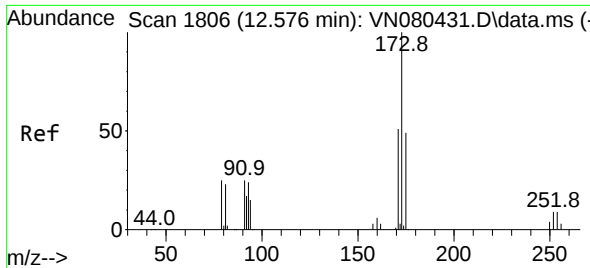
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#70
Styrene
Concen: 18.497 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

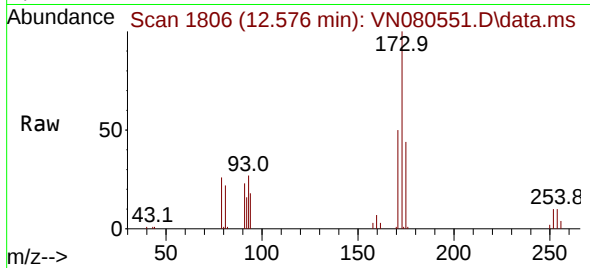
Tgt Ion:104 Resp: 154685
Ion Ratio Lower Upper
104 100
78 55.4 39.5 59.3
103 55.0 43.2 64.8





#71
Bromoform
Concen: 17.985 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

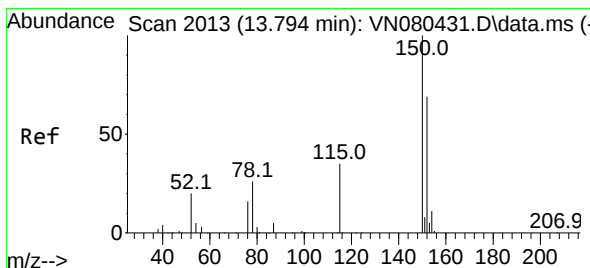
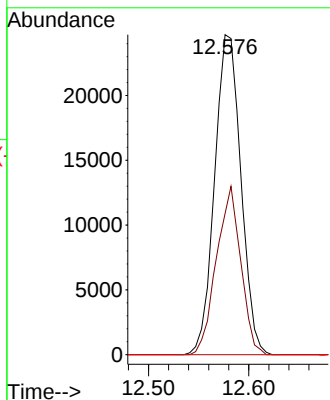
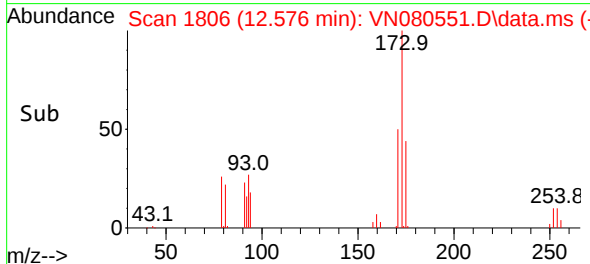
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



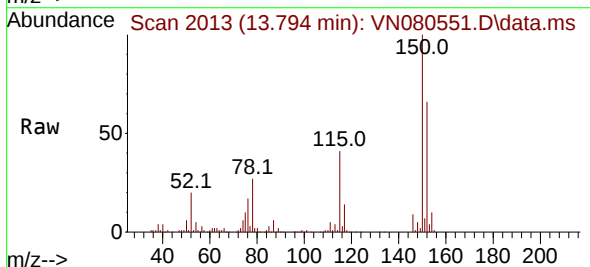
Tgt Ion:173 Resp: 44950
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

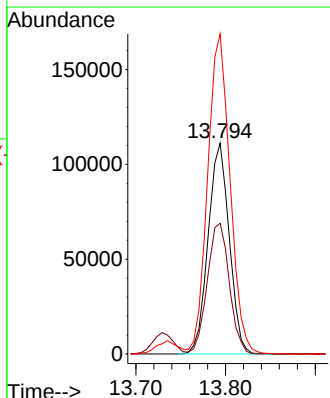
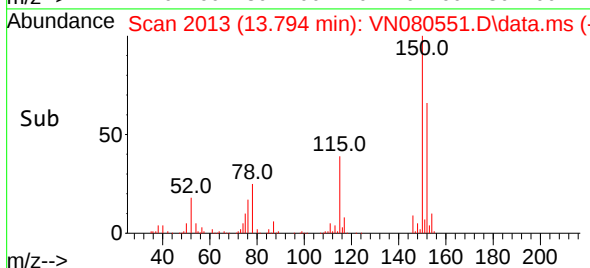
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

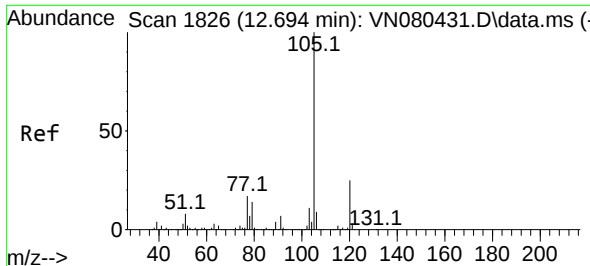


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



Tgt Ion:152 Resp: 181452
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 160.6 0.0 355.8





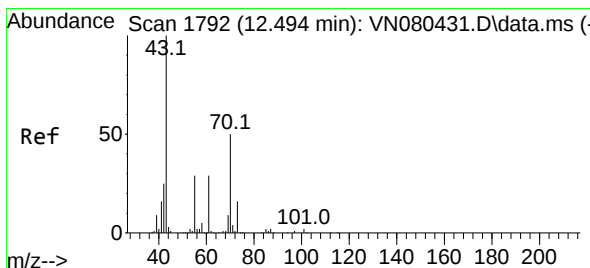
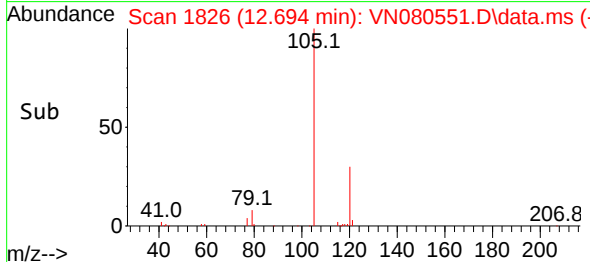
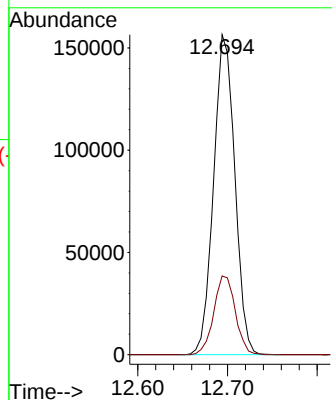
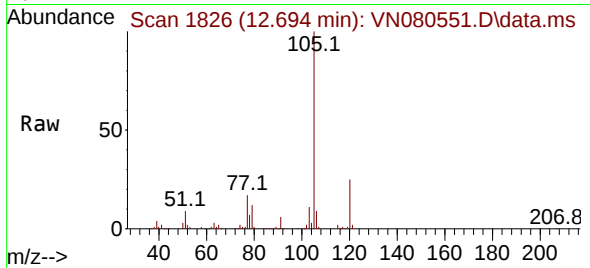
#73
Isopropylbenzene
Concen: 17.633 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion:105 Resp: 257020
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

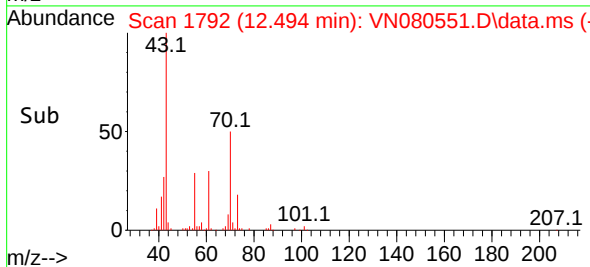
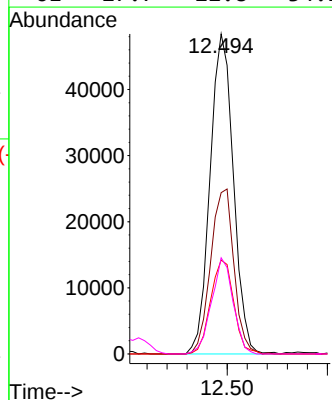
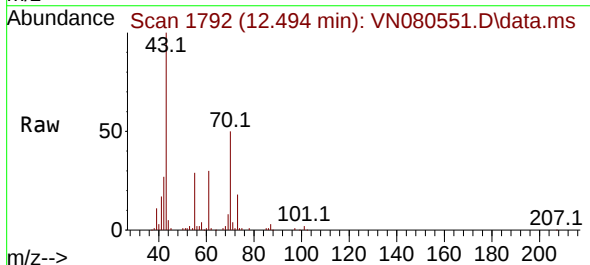
Manual Integrations
APPROVED

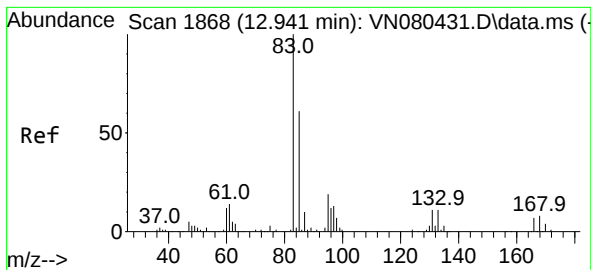
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#74
N-ethyl acetate
Concen: 18.395 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

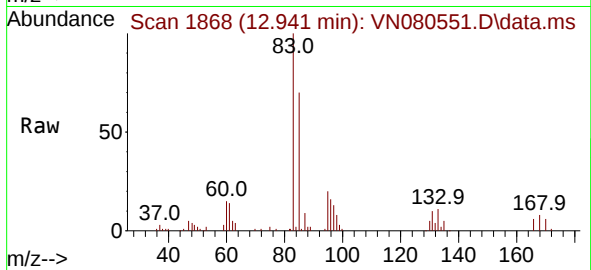
Tgt Ion: 43 Resp: 78300
Ion Ratio Lower Upper
43 100
70 51.5 43.4 65.2
55 29.0 21.4 32.0
61 27.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.578 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

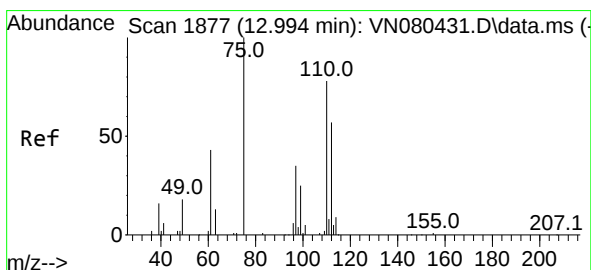
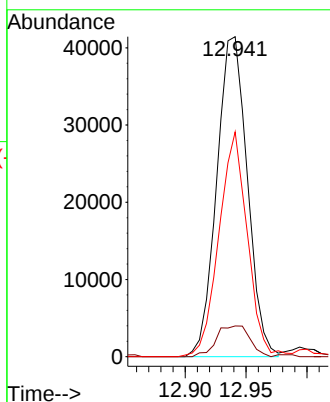
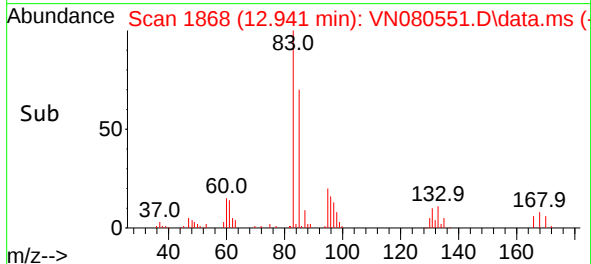
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 83 Resp: 7256
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.3 31.9 95.7

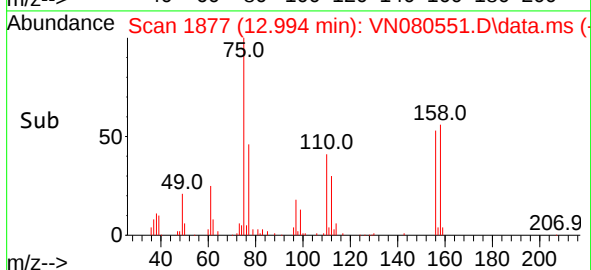
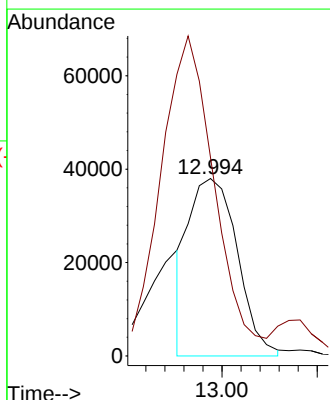
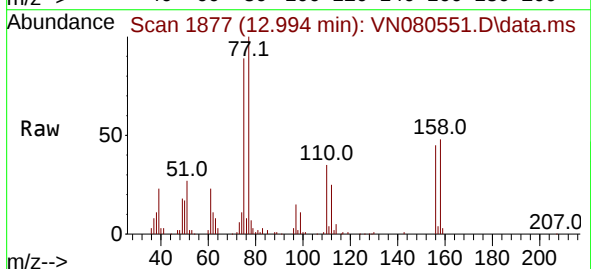
Manual Integrations
APPROVED

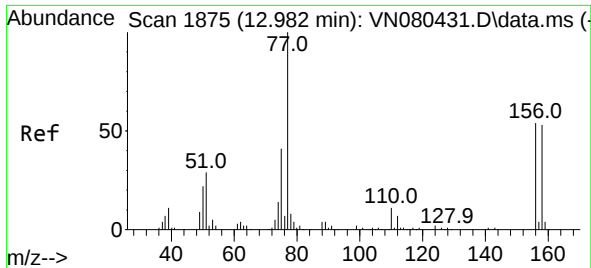
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#76
1,2,3-Trichloropropane
Concen: 18.568 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 75 Resp: 67214
Ion Ratio Lower Upper
75 100
77 201.4 84.5 253.5





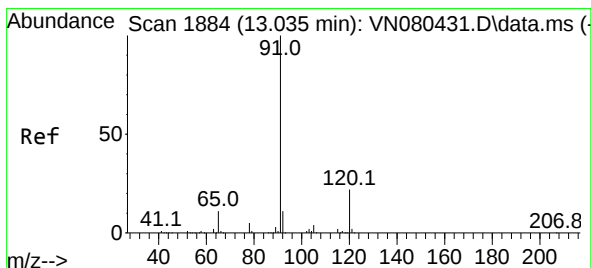
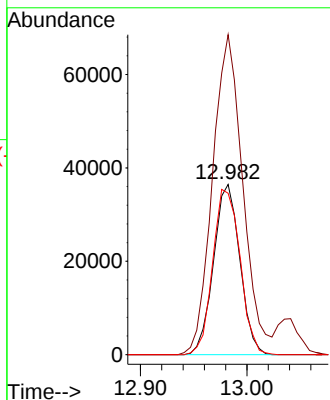
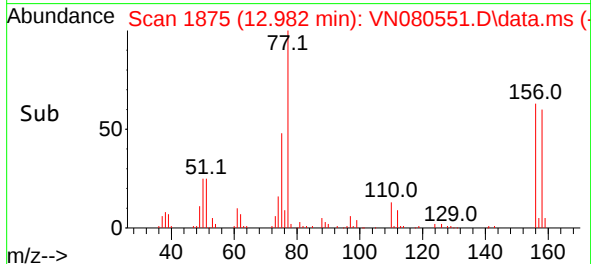
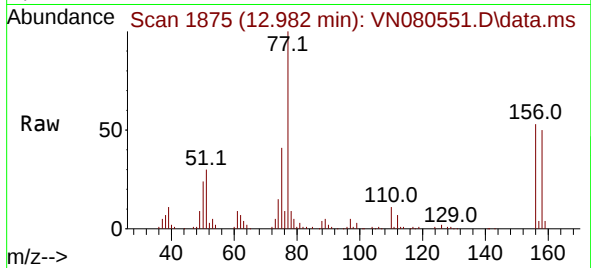
#77
Bromobenzene
Concen: 17.420 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion:156 Resp: 6246
Ion Ratio Lower Upper
156 100
77 216.7 107.7 323.3
158 101.0 48.4 145.3

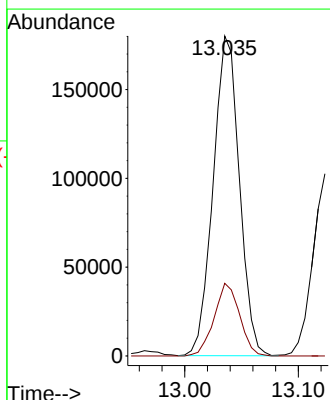
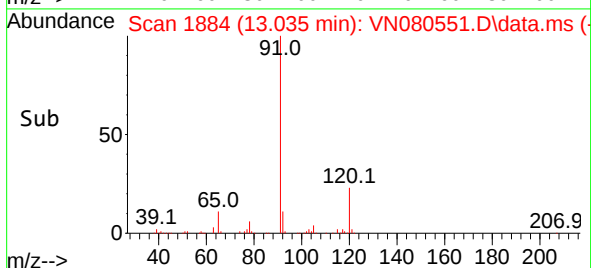
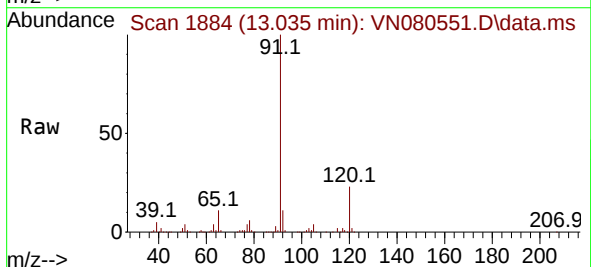
Manual Integrations
APPROVED

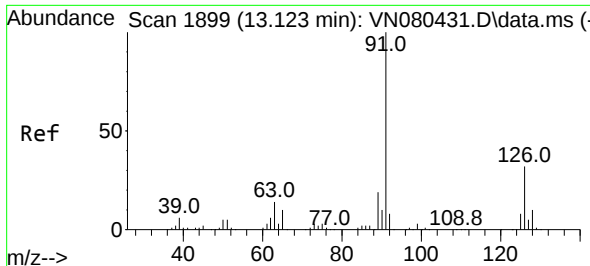
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#78
n-propylbenzene
Concen: 17.974 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

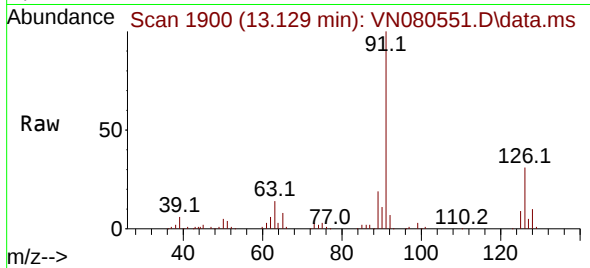
Tgt Ion: 91 Resp: 288868
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.744 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

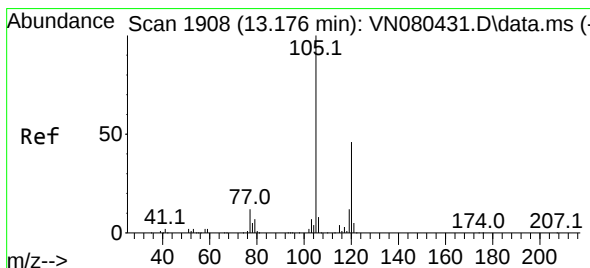
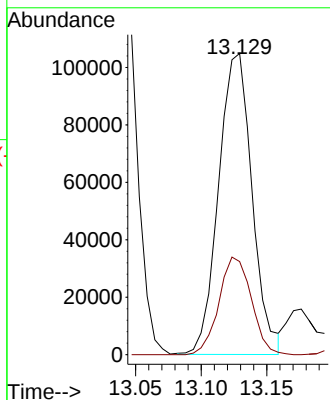
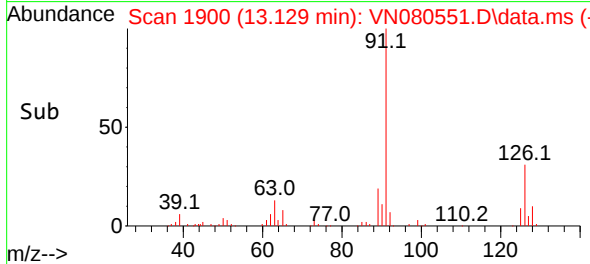
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



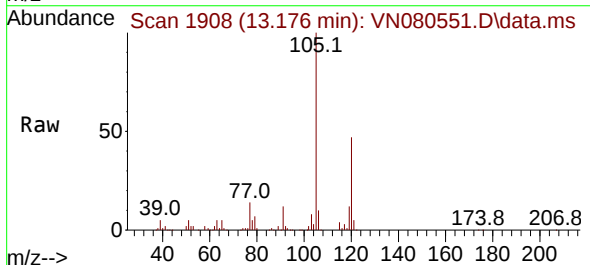
Tgt Ion: 91 Resp: 186180
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

Manual Integrations
APPROVED

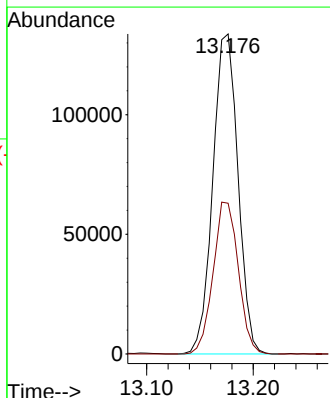
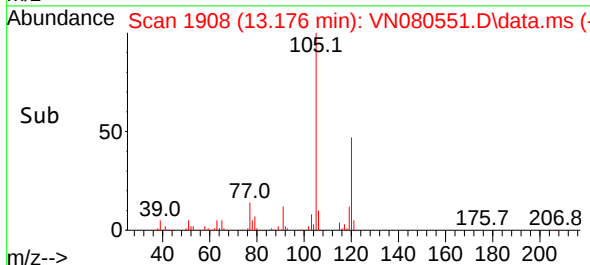
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

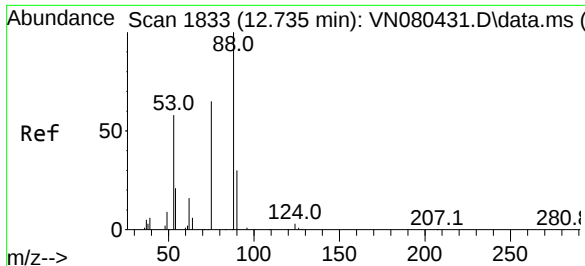


#80
1,3,5-Trimethylbenzene
Concen: 17.448 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



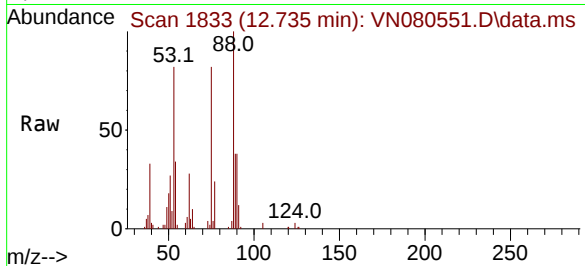
Tgt Ion:105 Resp: 219037
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.899 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

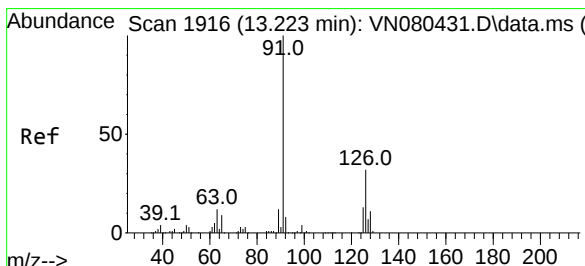
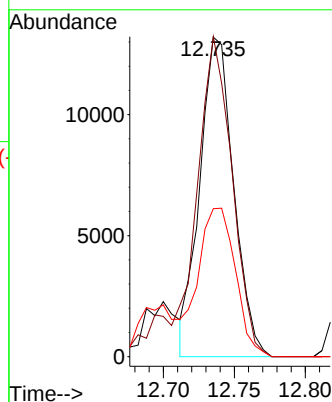
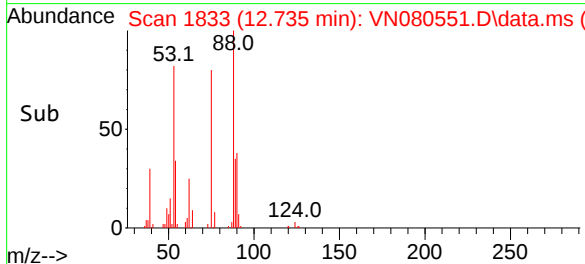
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 75 Resp: 21920
Ion Ratio Lower Upper
75 100
53 113.0 67.4 101.2
89 51.1 38.8 58.2

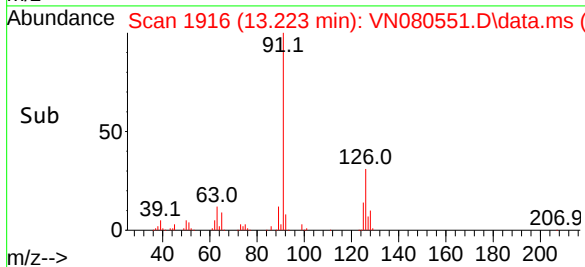
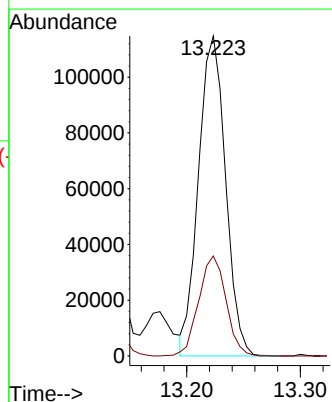
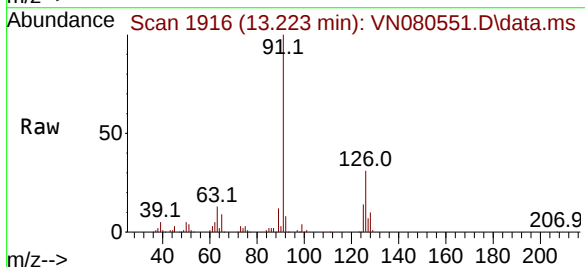
Manual Integrations
APPROVED

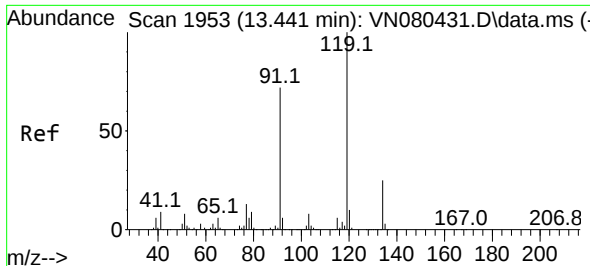
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#82
4-Chlorotoluene
Concen: 17.617 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

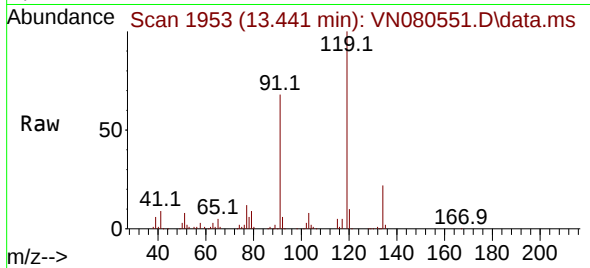
Tgt Ion: 91 Resp: 190001
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.676 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

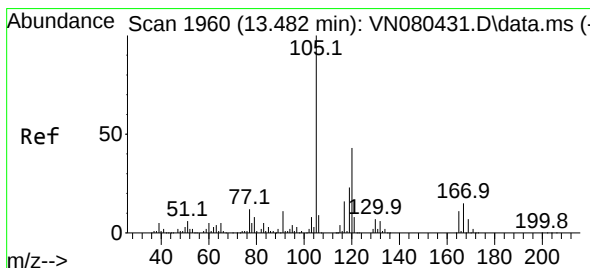
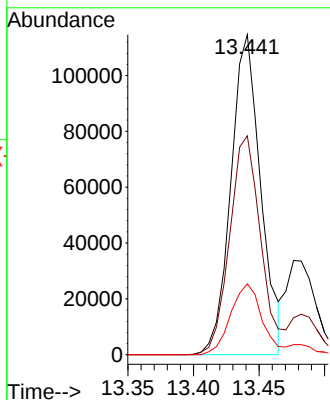
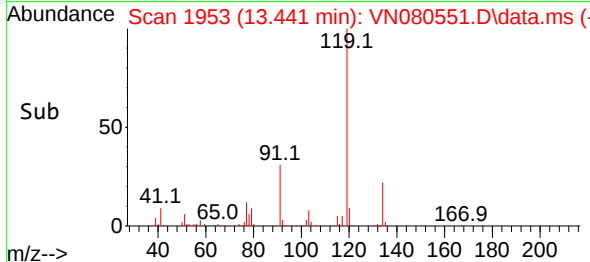
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



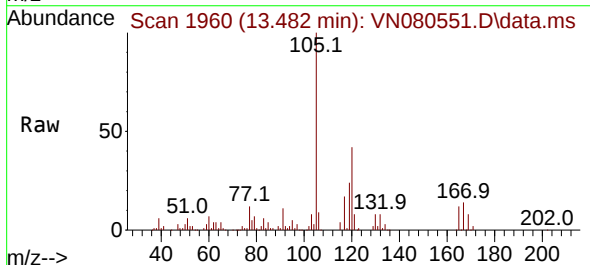
Tgt Ion:119 Resp: 18173
Ion Ratio Lower Upper
119 100
91 71.9 33.9 101.7
134 23.4 13.2 39.6

Manual Integrations
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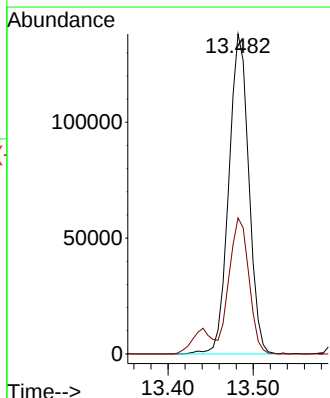
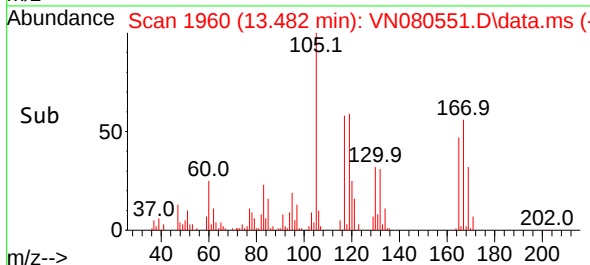
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

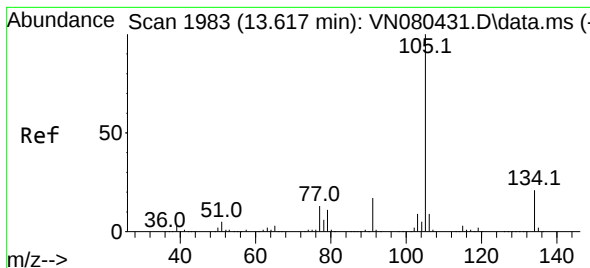


#84
1,2,4-Trimethylbenzene
Concen: 17.975 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



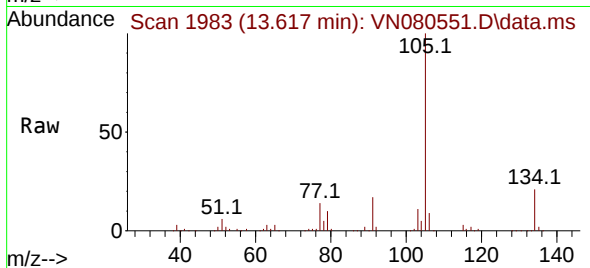
Tgt Ion:105 Resp: 224496
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.217 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

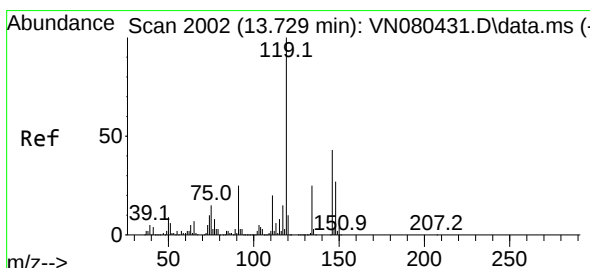
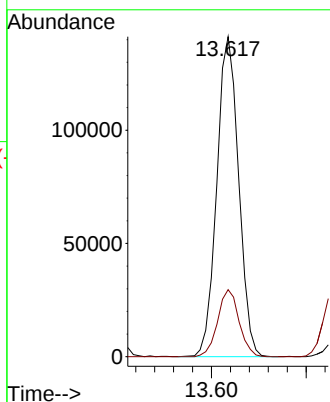
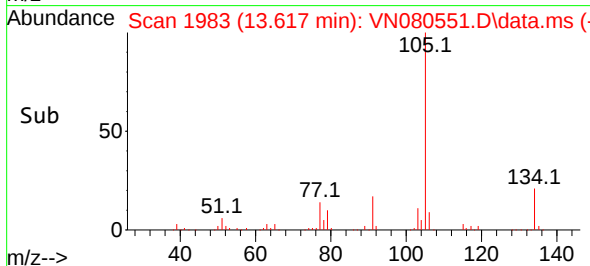
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01



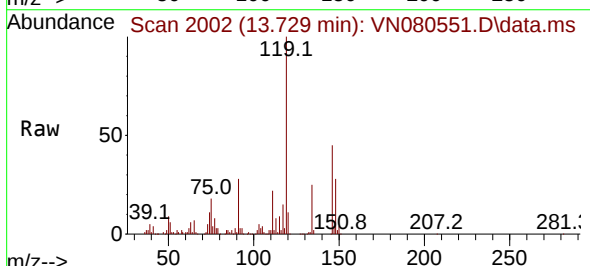
Tgt Ion:105 Resp: 226430
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3

Manual Integrations
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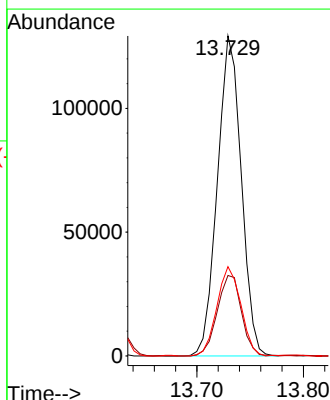
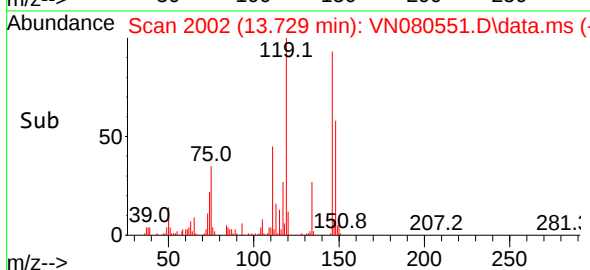
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

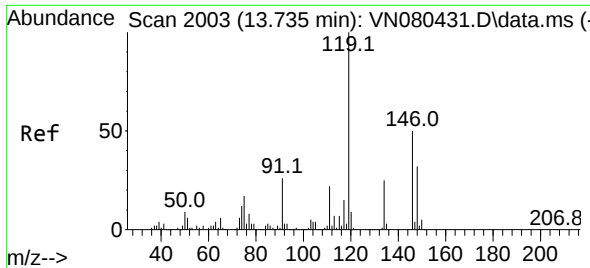


#86
 p-Isopropyltoluene
 Concen: 16.930 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54



Tgt Ion:119 Resp: 201044
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 27.9 12.4 37.2





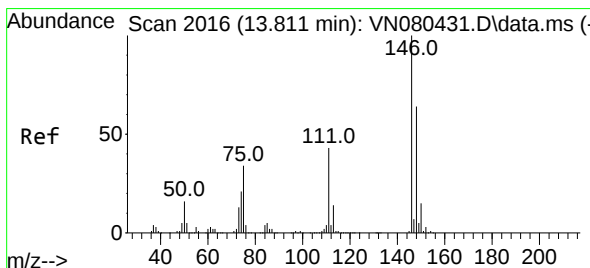
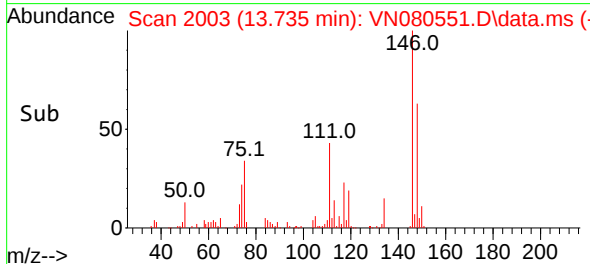
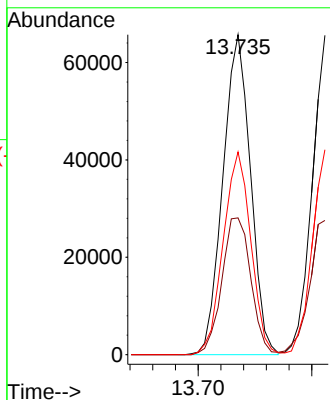
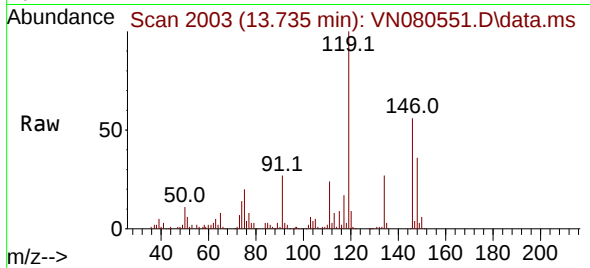
#87
 1,3-Dichlorobenzene
 Concen: 17.538 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Tgt Ion:146 Resp: 110800
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.1 66.3
 148 63.6 32.0 96.0

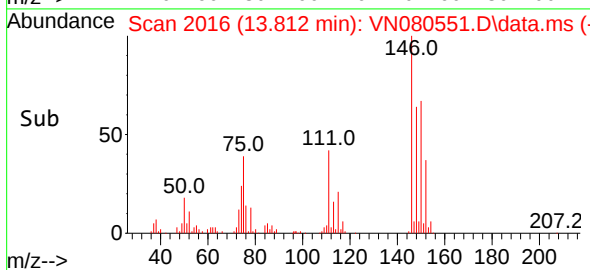
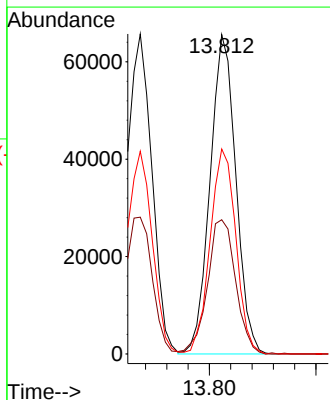
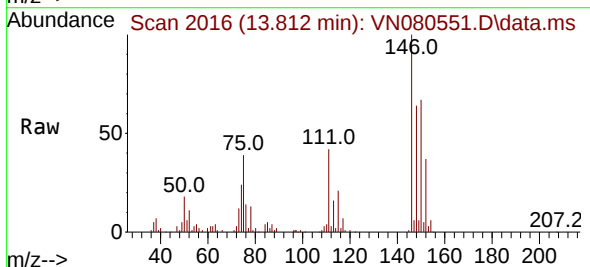
Manual Integrations
 APPROVED

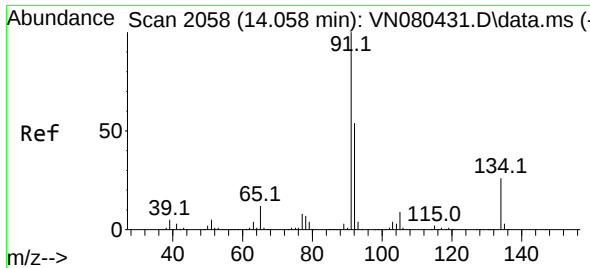
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#88
 1,4-Dichlorobenzene
 Concen: 17.305 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

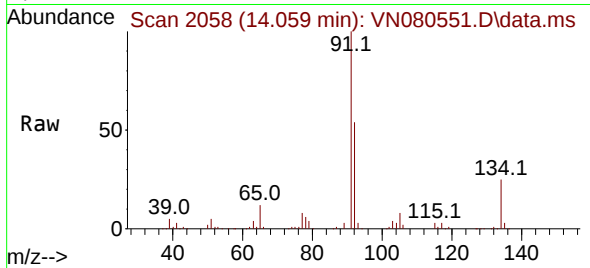
Tgt Ion:146 Resp: 110359
 Ion Ratio Lower Upper
 146 100
 111 45.9 20.6 61.8
 148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 16.976 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

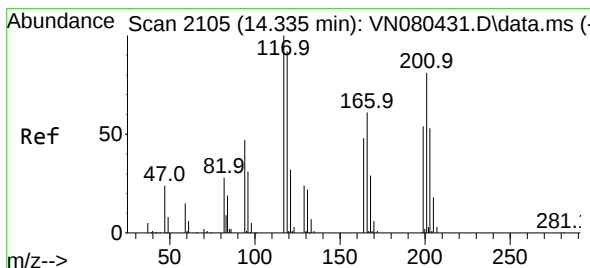
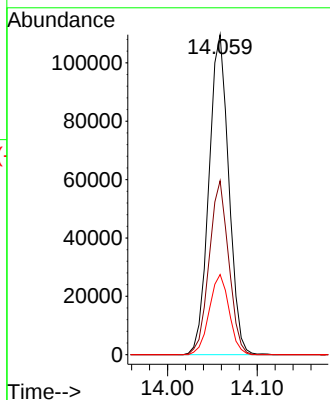
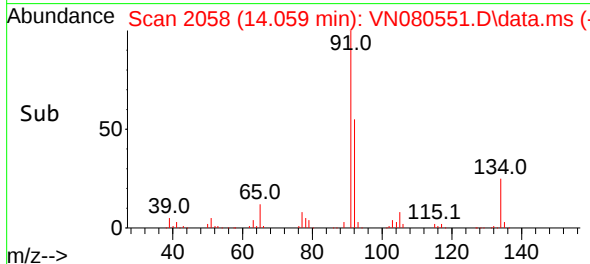
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion: 91 Resp: 168349
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 25.0 12.6 37.6

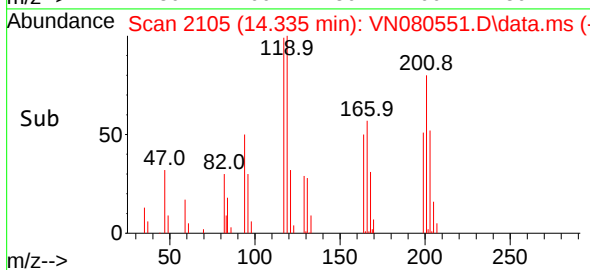
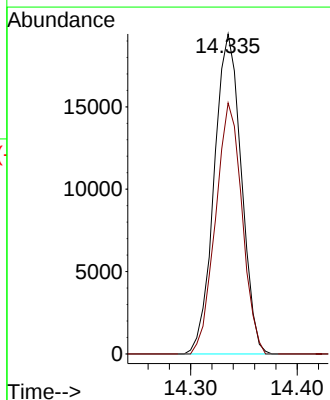
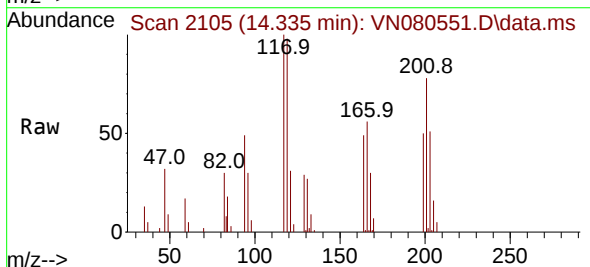
Manual Integrations
APPROVED

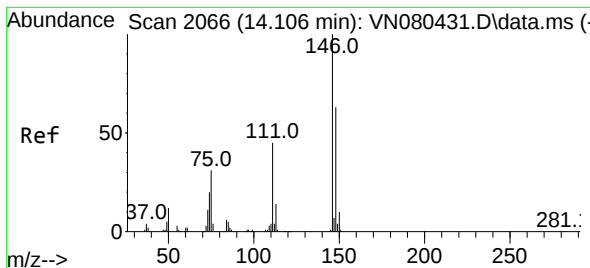
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#90
Hexachloroethane
Concen: 18.214 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:117 Resp: 34351
Ion Ratio Lower Upper
117 100
201 76.7 29.3 88.0





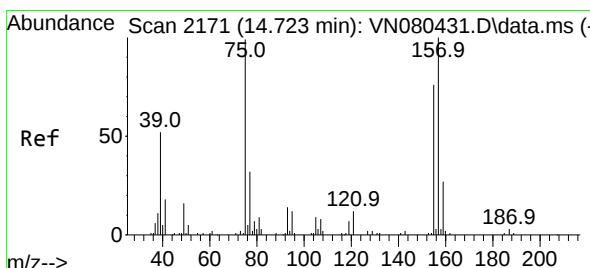
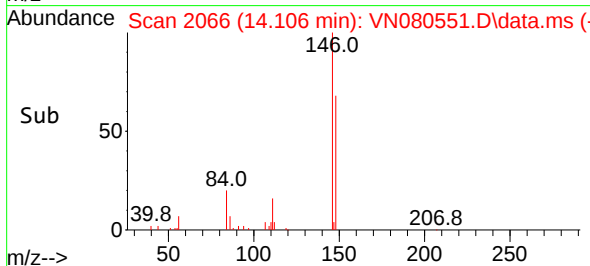
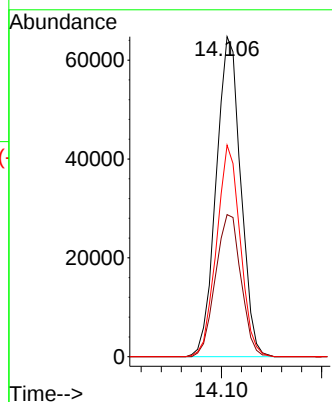
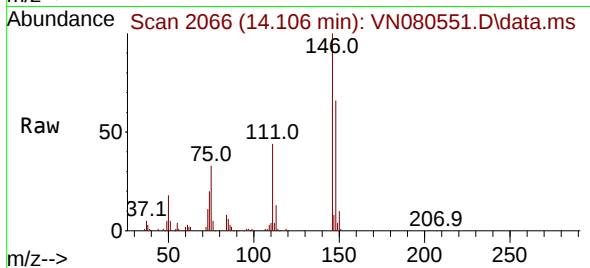
#91
1,2-Dichlorobenzene
Concen: 18.281 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01

Tgt Ion:146 Resp: 10967
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 63.8 31.8 95.3

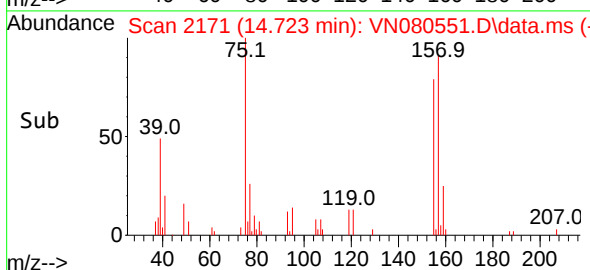
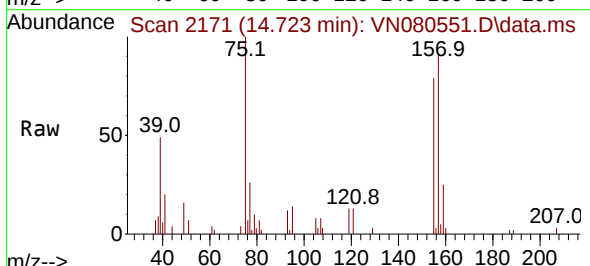
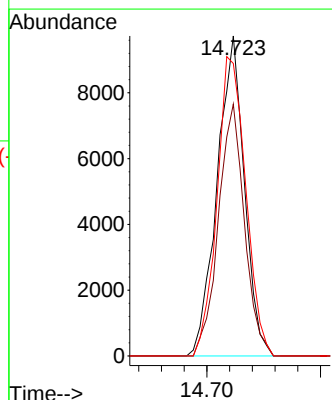
Manual Integrations
APPROVED

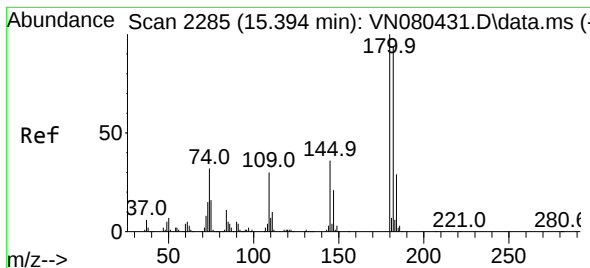
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.658 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 75 Resp: 16151
Ion Ratio Lower Upper
75 100
155 75.7 39.1 117.2
157 98.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.338 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBS01

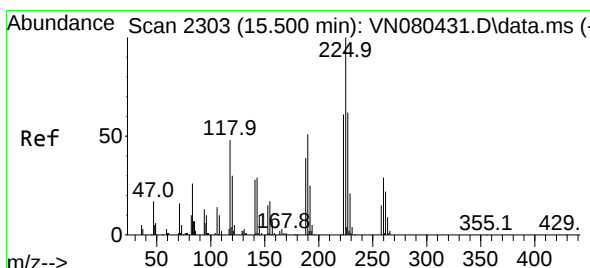
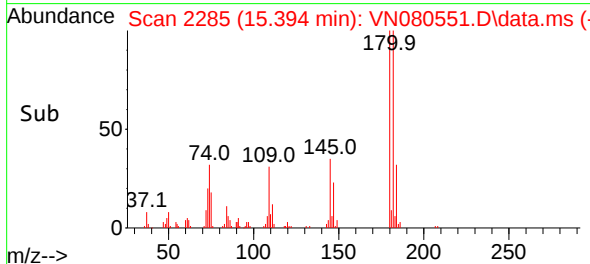
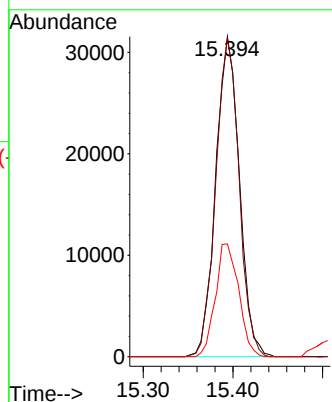
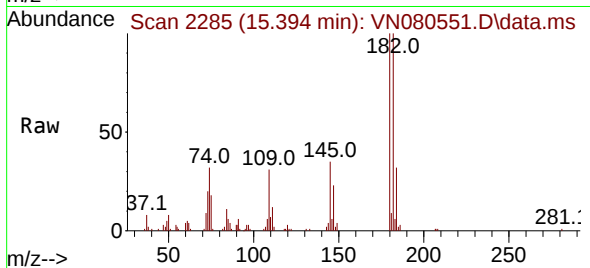
Tgt Ion:	180	Resp:	5775
Ion Ratio	Lower	Upper	
180	100		
182	97.9	46.1	138.2
145	34.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#94

Hexachlorobutadiene

Concen: 15.627 ug/l

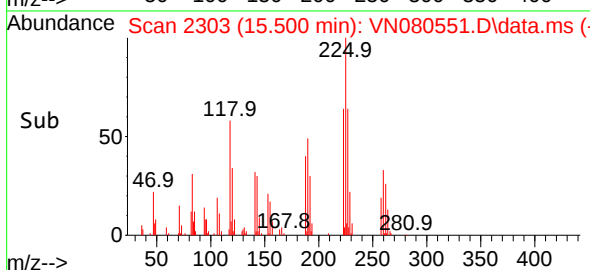
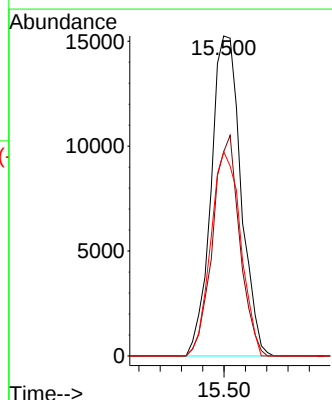
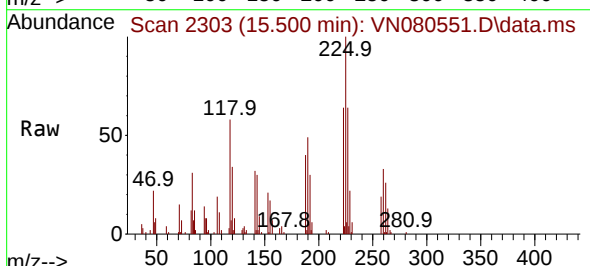
RT: 15.500 min Scan# 2303

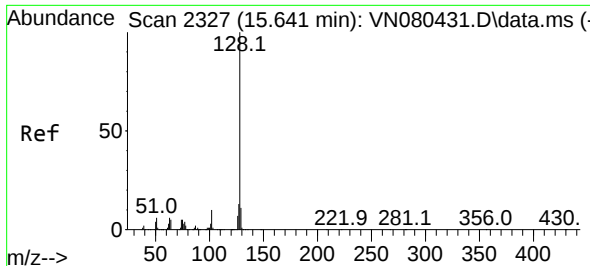
Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

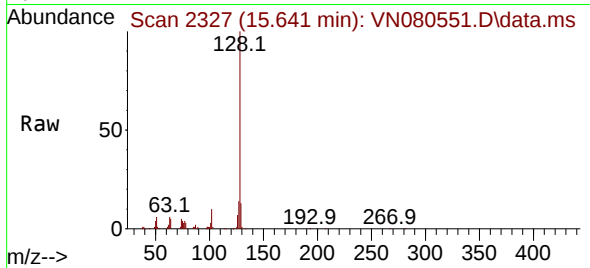
Tgt Ion:	225	Resp:	29634
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.3	93.8
227	64.0	31.9	95.9





#95
Naphthalene
Concen: 17.970 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

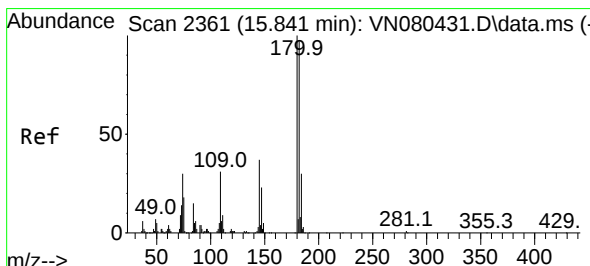
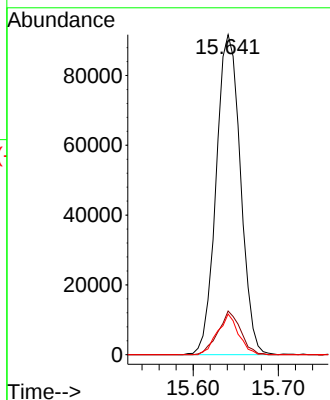
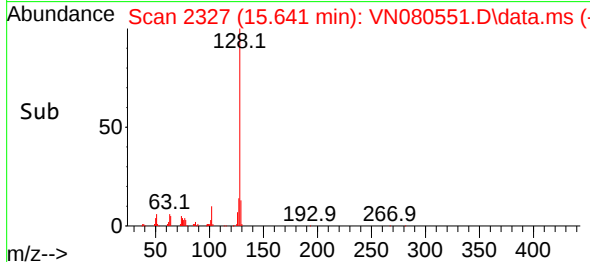
Instrument :
MSVOA_N
ClientSampleId :
VN1220MBS01



Tgt Ion:128 Resp: 181760
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.707 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:180 Resp: 56916
Ion Ratio Lower Upper
180 100
182 97.2 46.2 138.6
145 36.3 17.5 52.6

