

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078623.D
 Acq On : 21 Jul 2023 19:02
 Operator : JC\MD
 Sample : VN0721MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:29:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	468768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	831954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	722652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	327553	52.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	8.177	113	288072	51.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	10.571	98	1056547	49.522	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.853	95	332185	50.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	92986	16.179	ug/l	99
3) Chloromethane	2.371	50	119326	19.102	ug/l	99
4) Vinyl Chloride	2.518	62	154052	19.064	ug/l	100
5) Bromomethane	2.953	94	108909	18.139	ug/l	99
6) Chloroethane	3.124	64	107138	20.795	ug/l	100
7) Trichlorofluoromethane	3.500	101	222460	23.029	ug/l	100
8) Diethyl Ether	3.971	74	68091	21.157	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	95092	18.596	ug/l	96
10) Methyl Iodide	4.594	142	130920	18.632	ug/l	94
11) Tert butyl alcohol	5.530	59	94274	97.284	ug/l	99
12) 1,1-Dichloroethene	4.353	96	95906	19.389	ug/l	96
13) Acrolein	4.194	56	100649	105.565	ug/l	97
14) Allyl chloride	5.036	41	120333	17.804	ug/l	91
15) Acrylonitrile	5.730	53	252315	103.051	ug/l	100
16) Acetone	4.447	43	203368	103.888	ug/l	98
17) Carbon Disulfide	4.724	76	219697	15.360	ug/l #	94
18) Methyl Acetate	5.047	43	179048	21.606	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	329512	20.219	ug/l	99
20) Methylene Chloride	5.289	84	117079	20.120	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	102589	18.405	ug/l	90
22) Diisopropyl ether	6.683	45	318399	21.038	ug/l #	94
23) Vinyl Acetate	6.618	43	959899	99.768	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	204183	20.022	ug/l	97
25) 2-Butanone	7.494	43	305818	99.244	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	131070	15.714	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	128700	19.959	ug/l	96
28) Bromochloromethane	7.818	49	97373	20.272	ug/l	93
29) Tetrahydrofuran	7.847	42	201930	99.868	ug/l	85
30) Chloroform	7.971	83	220846	20.801	ug/l	95
31) Cyclohexane	8.265	56	152701	17.980	ug/l #	83
32) 1,1,1-Trichloroethane	8.182	97	194064	20.387	ug/l	96
36) 1,1-Dichloropropene	8.377	75	145962	17.899	ug/l	98
37) Ethyl Acetate	7.577	43	134820	19.833	ug/l	95
38) Carbon Tetrachloride	8.371	117	169409	19.115	ug/l	95
39) Methylcyclohexane	9.606	83	134929	18.127	ug/l #	86
40) Benzene	8.618	78	466535	19.311	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	70636	20.383	ug/l	93
42) 1,2-Dichloroethane	8.677	62	162761	19.807	ug/l	100
43) Isopropyl Acetate	8.694	43	259280	23.167	ug/l #	88
44) Trichloroethene	9.359	130	124503	19.121	ug/l	98
45) 1,2-Dichloropropane	9.629	63	123591	20.199	ug/l	99
46) Dibromomethane	9.718	93	85268	19.800	ug/l	91
47) Bromodichloromethane	9.894	83	174722	20.239	ug/l	99
48) Methyl methacrylate	9.688	41	102975	19.860	ug/l	87
49) 1,4-Dioxane	9.706	88	43818	387.512	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	677459	101.767	ug/l	94
52) Toluene	10.635	92	291930	19.497	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	169632	19.181	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	183364	19.451	ug/l	100
55) 1,1,2-Trichloroethane	11.023	97	120118	20.362	ug/l	95
56) Ethyl methacrylate	10.882	69	166876	20.236	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	201677	20.106	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	260661	88.696	ug/l	92
59) 2-Hexanone	11.200	43	476030	100.616	ug/l	92
60) Dibromochloromethane	11.365	129	129685	19.913	ug/l	99
61) 1,2-Dibromoethane	11.476	107	120527	19.833	ug/l	99
64) Tetrachloroethene	11.112	164	100248	18.451	ug/l	96
65) Chlorobenzene	11.900	112	315358	19.523	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	122937	19.784	ug/l	98
67) Ethyl Benzene	11.970	91	528449	19.354	ug/l	98
68) m/p-Xylenes	12.076	106	410086	40.622	ug/l	100
69) o-Xylene	12.406	106	202360	19.846	ug/l	98
70) Styrene	12.417	104	320296	20.079	ug/l	98
71) Bromoform	12.582	173	83052	19.734	ug/l #	98
73) Isopropylbenzene	12.700	105	503000	18.587	ug/l	99
74) N-amyl acetate	12.500	43	178696	19.161	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	171570	20.896	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	132418m	19.021	ug/l	
77) Bromobenzene	12.988	156	119696	19.393	ug/l	96
78) n-propylbenzene	13.041	91	543583	18.782	ug/l	99
79) 2-Chlorotoluene	13.129	91	348770	18.398	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	418768	19.584	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41567	15.691	ug/l	91
82) 4-Chlorotoluene	13.229	91	326166	18.443	ug/l	98
83) tert-Butylbenzene	13.441	119	360054	19.833	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	411576	19.816	ug/l	100
85) sec-Butylbenzene	13.623	105	447853	19.517	ug/l	99
86) p-Isopropyltoluene	13.735	119	362924	19.697	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	197079	18.970	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	189420	18.101	ug/l	99
89) n-Butylbenzene	14.064	91	282892	21.458	ug/l	98
90) Hexachloroethane	14.341	117	71310	20.577	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	202065	19.544	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26169	19.009	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	57635	17.467	ug/l	95
94) Hexachlorobutadiene	15.506	225	39518	20.727	ug/l	96
95) Naphthalene	15.647	128	183744	16.288	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	68176	17.969	ug/l	96

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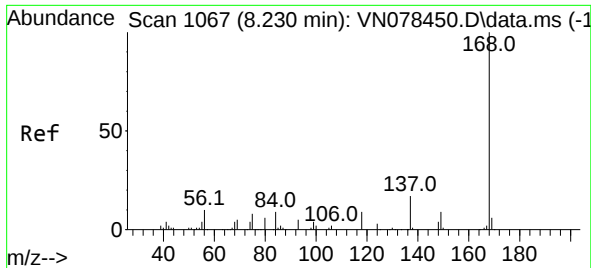
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:29:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
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



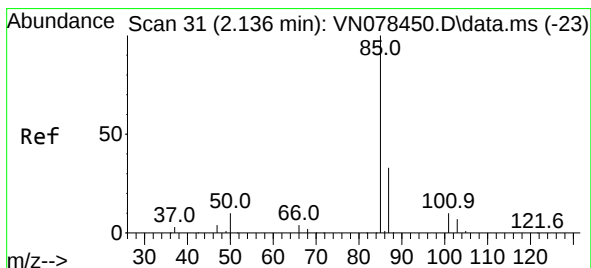
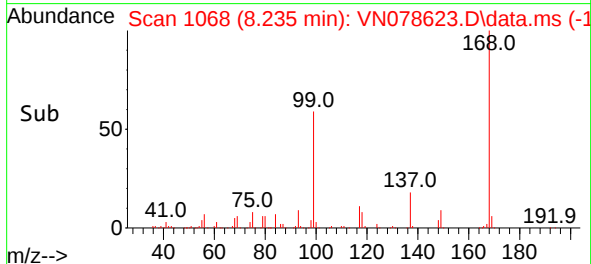
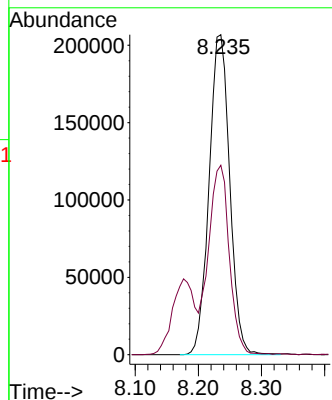
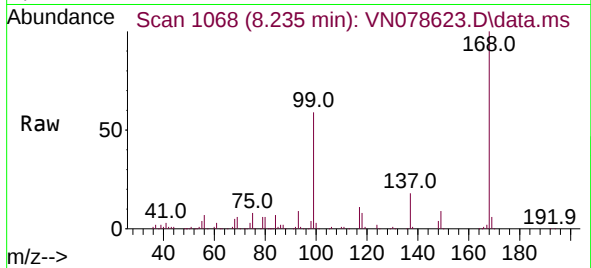
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

Tgt Ion:168 Resp: 468768
Ion Ratio Lower Upper
168 100
99 58.9 53.0 79.6

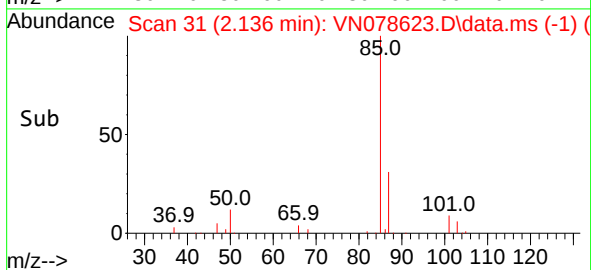
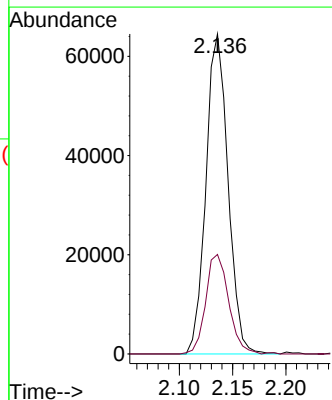
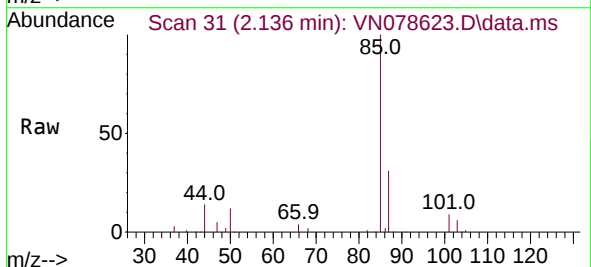
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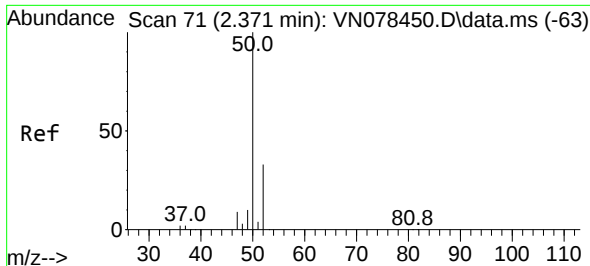
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 16.179 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

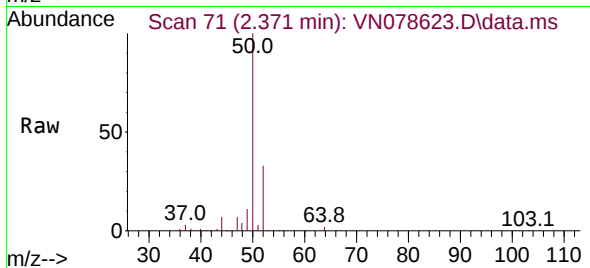
Tgt Ion: 85 Resp: 92986
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.4





#3
Chloromethane
Concen: 19.102 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

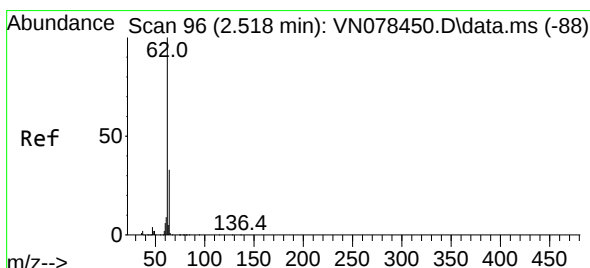
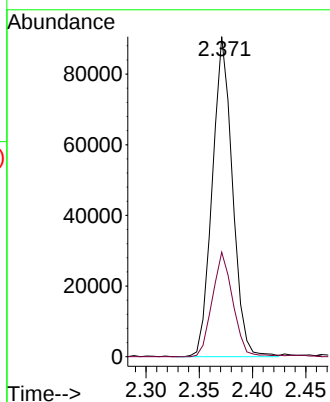
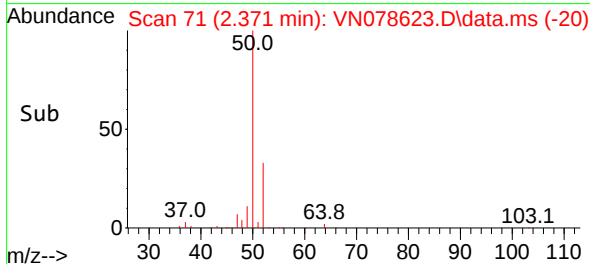
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 119320
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

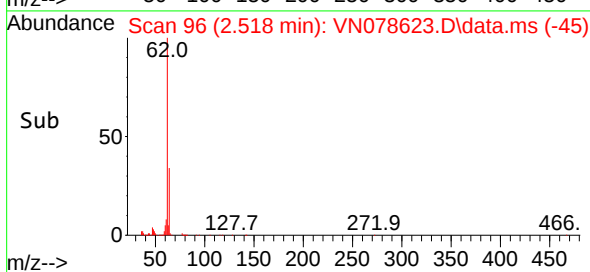
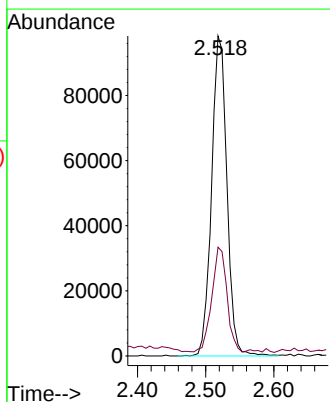
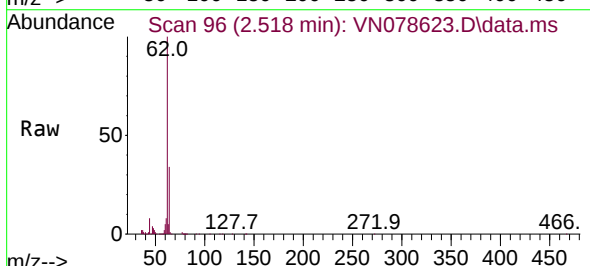
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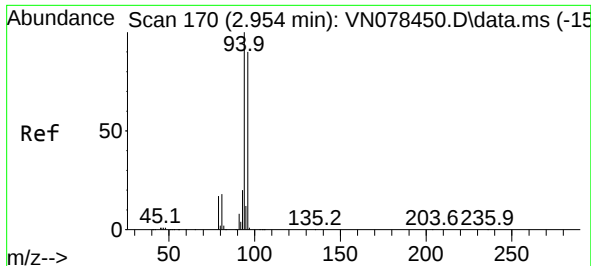
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 19.064 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion: 62 Resp: 154052
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





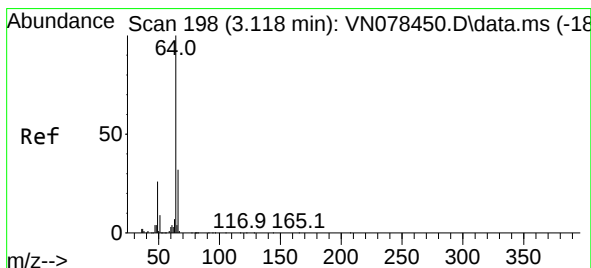
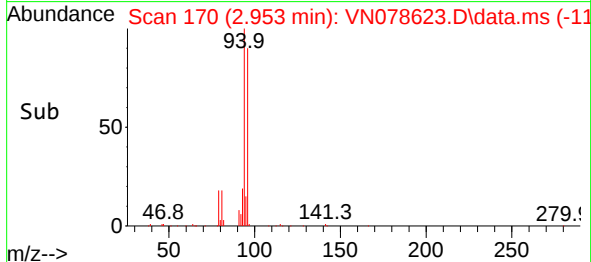
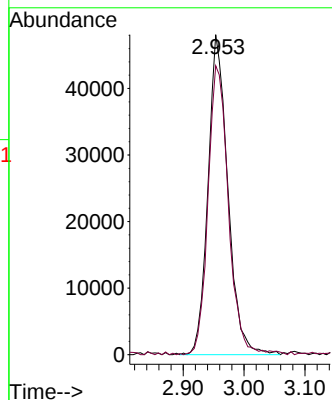
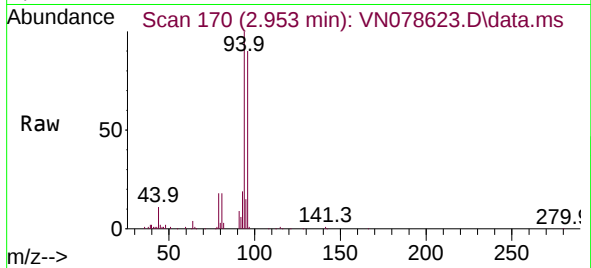
#5
Bromomethane
Concen: 18.139 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
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Tgt Ion: 94 Resp: 108909
Ion Ratio Lower Upper
94 100
96 90.0 73.1 109.7

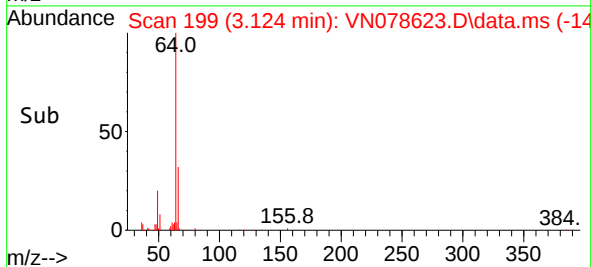
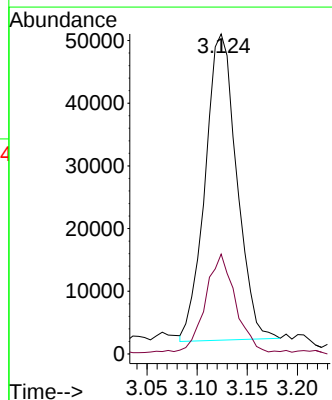
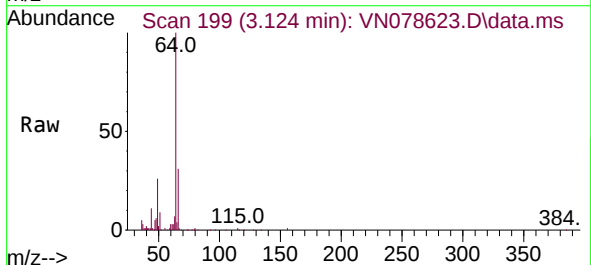
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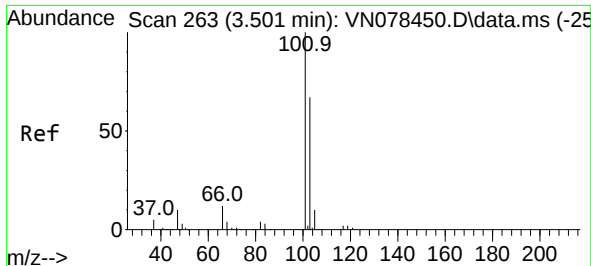
Reviewed By :John Carlone 07/24/2023
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#6
Chloroethane
Concen: 20.795 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078623.D
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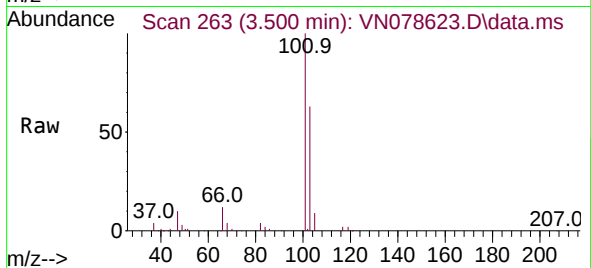
Tgt Ion: 64 Resp: 107138
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 23.029 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

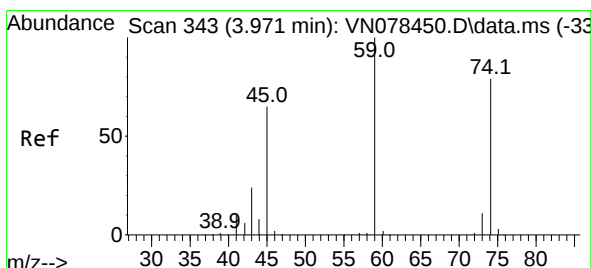
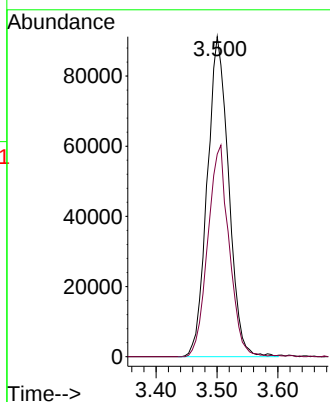
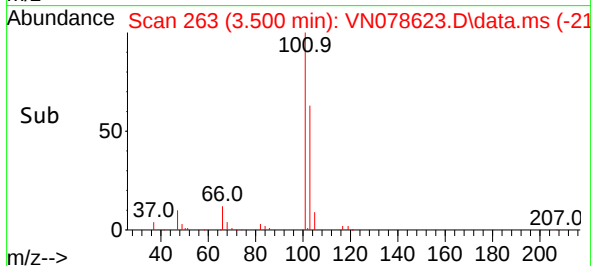
Instrument :
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Tgt Ion:101 Resp: 222460
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1

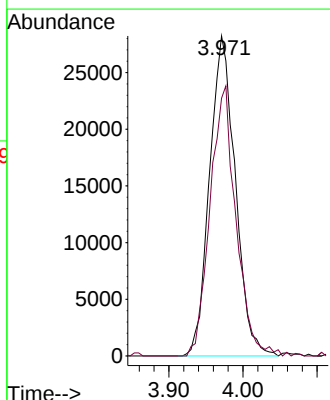
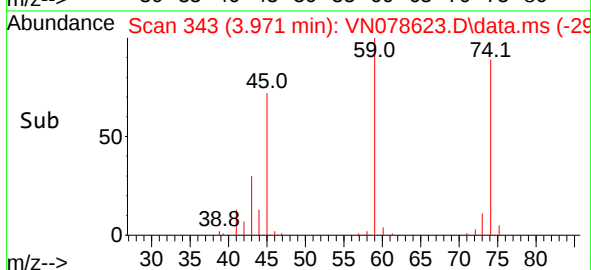
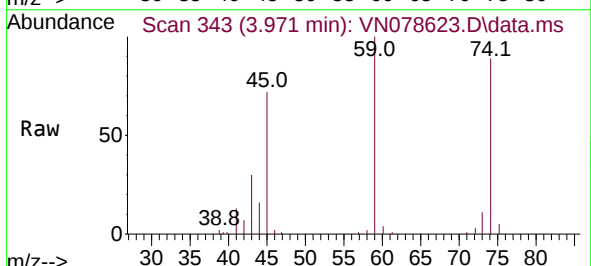
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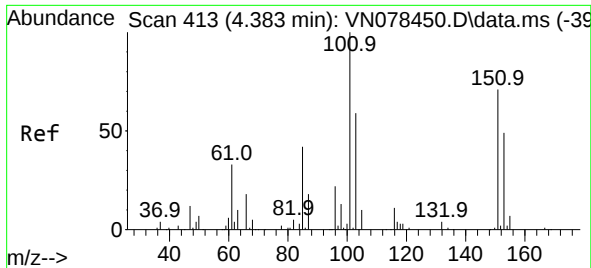
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#8
Diethyl Ether
Concen: 21.157 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion: 74 Resp: 68091
Ion Ratio Lower Upper
74 100
45 85.0 34.4 103.3





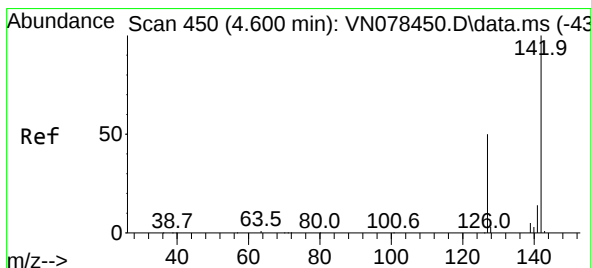
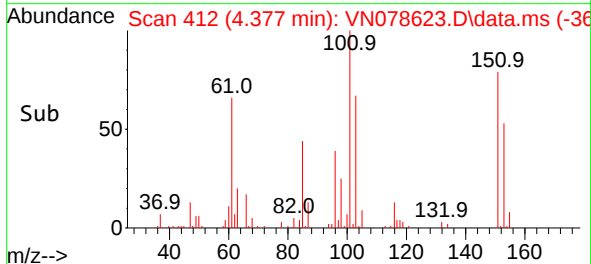
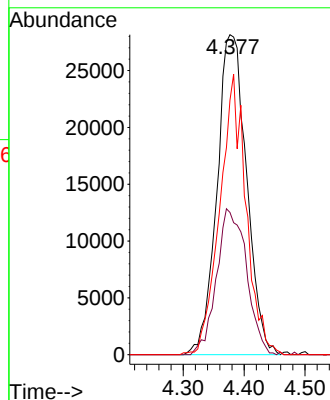
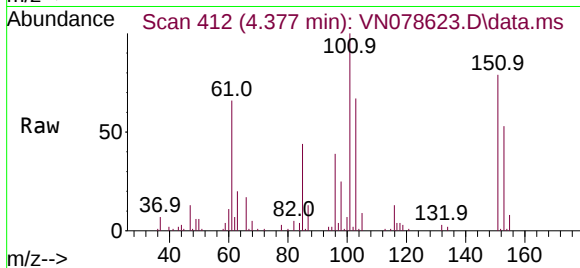
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.596 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

Tgt Ion:101 Resp: 95092
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 77.7 57.6 86.4

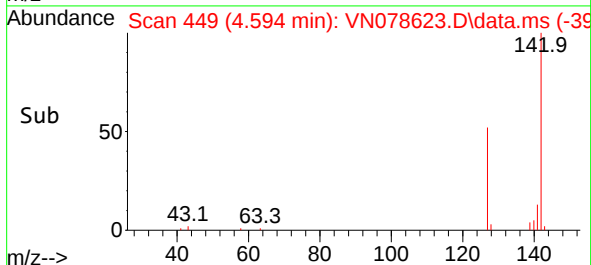
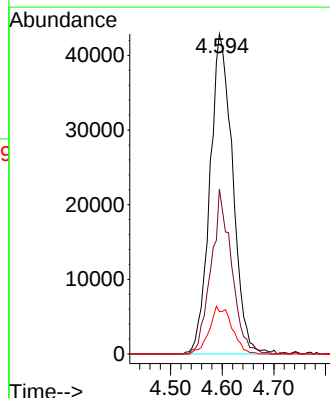
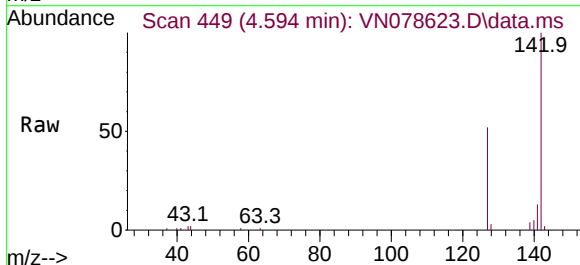
Manual Integrations
APPROVED

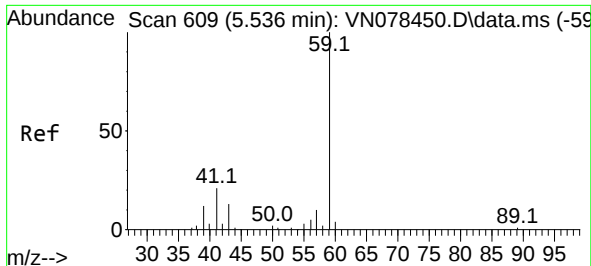
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 18.632 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion:142 Resp: 130920
Ion Ratio Lower Upper
142 100
127 51.6 37.6 56.4
141 13.2 11.4 17.0





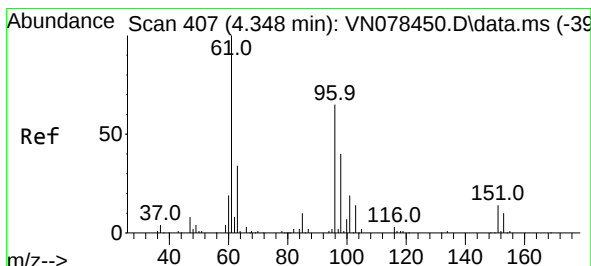
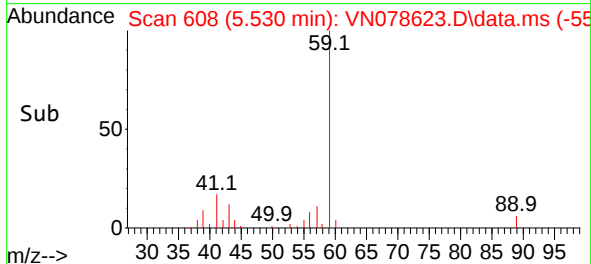
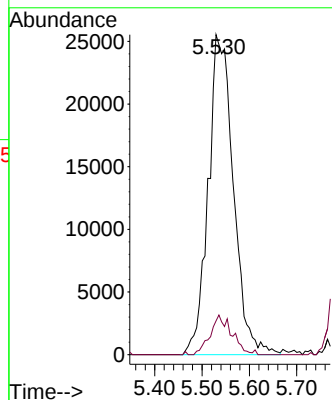
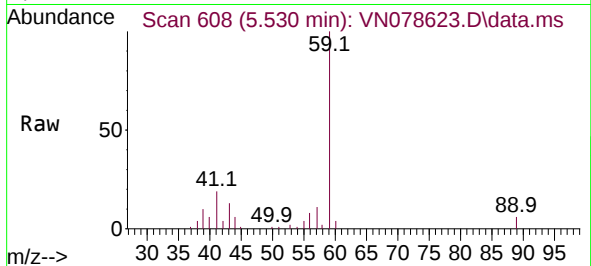
#11
Tert butyl alcohol
Concen: 97.284 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

Tgt Ion: 59 Resp: 94274
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

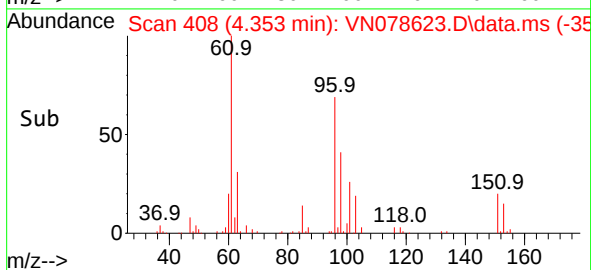
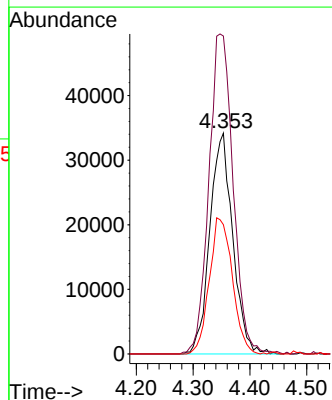
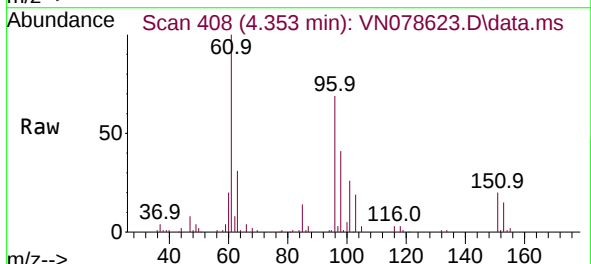
Manual Integrations
APPROVED

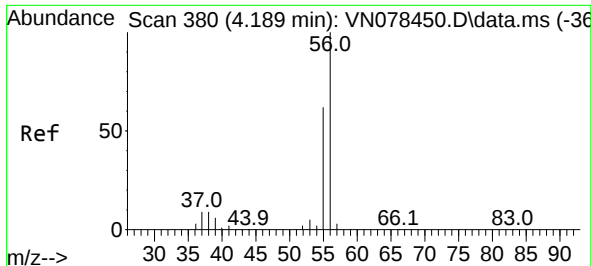
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 19.389 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

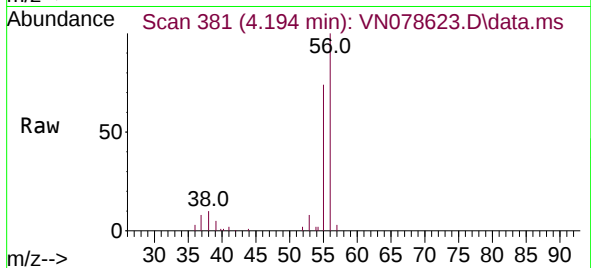
Tgt Ion: 96 Resp: 95906
Ion Ratio Lower Upper
96 100
61 143.9 112.7 169.1
98 58.5 51.2 76.8





#13
Acrolein
Concen: 105.565 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

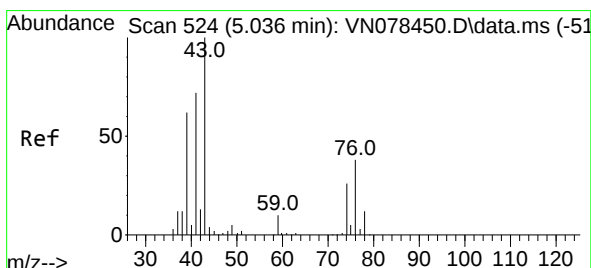
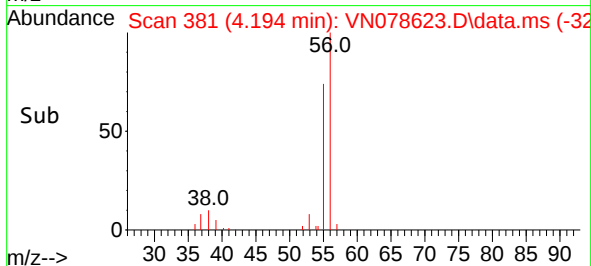
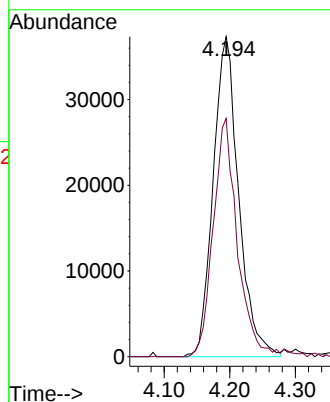
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 56 Resp: 100649
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

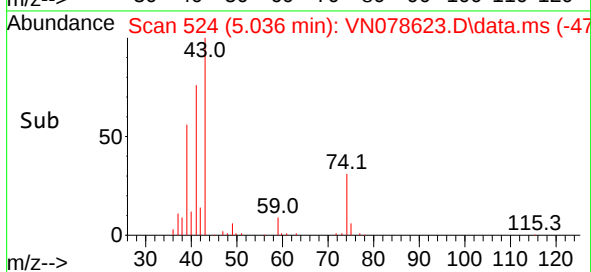
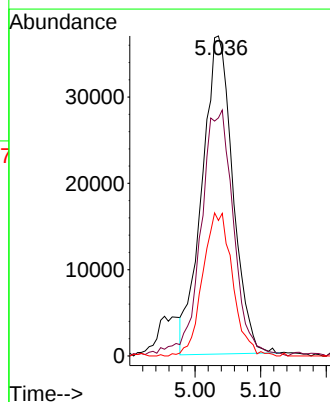
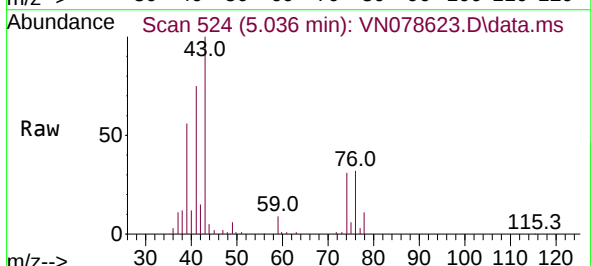
Manual Integrations
APPROVED

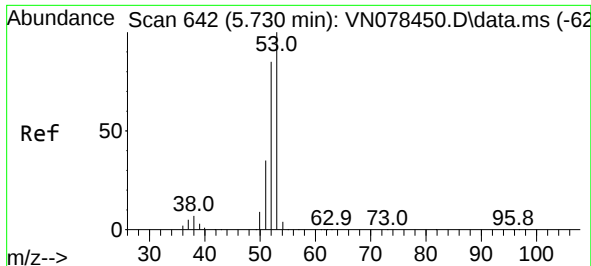
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 17.804 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

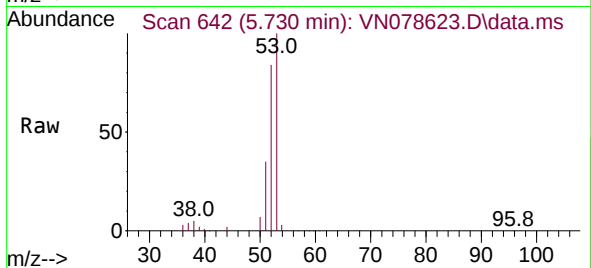
Tgt Ion: 41 Resp: 120333
Ion Ratio Lower Upper
41 100
39 82.3 58.8 88.2
76 43.6 39.1 58.7





#15
Acrylonitrile
Concen: 103.051 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

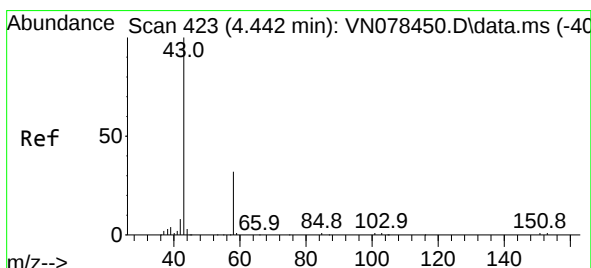
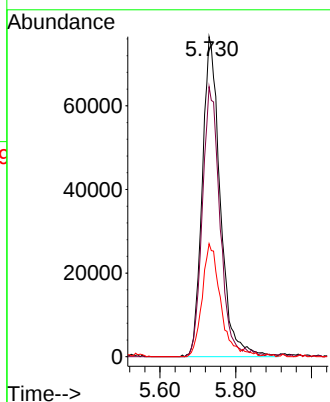
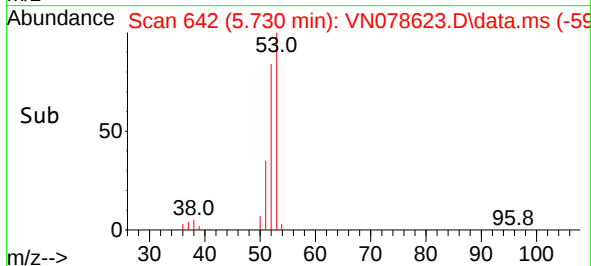
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 53 Resp: 252315
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.5 28.9 43.3

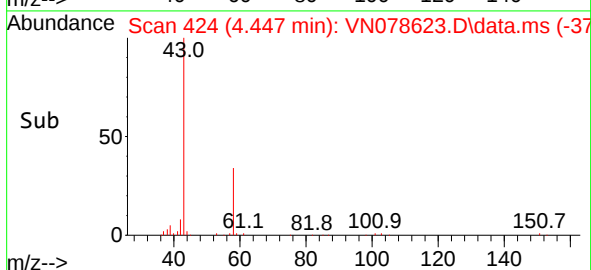
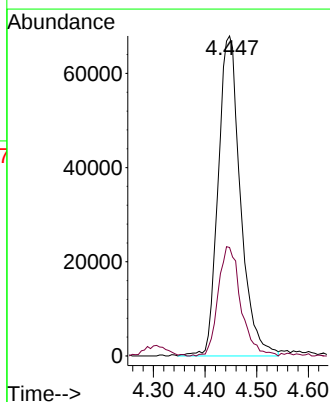
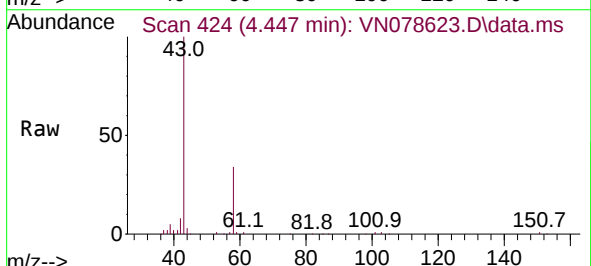
Manual Integrations
APPROVED

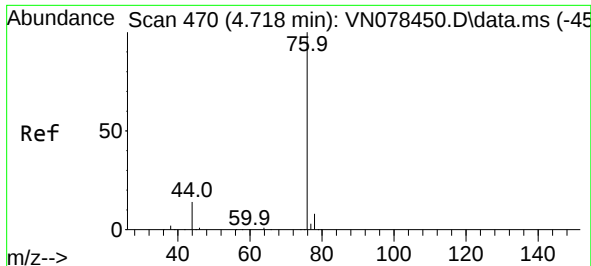
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 103.888 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

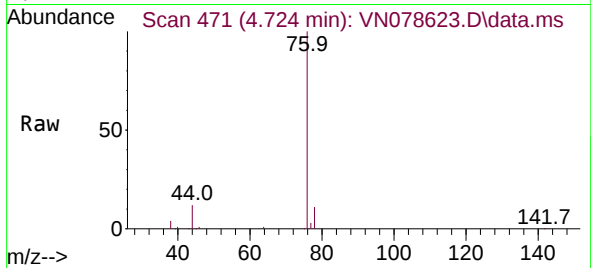
Tgt Ion: 43 Resp: 203368
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0





#17
Carbon Disulfide
Concen: 15.360 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

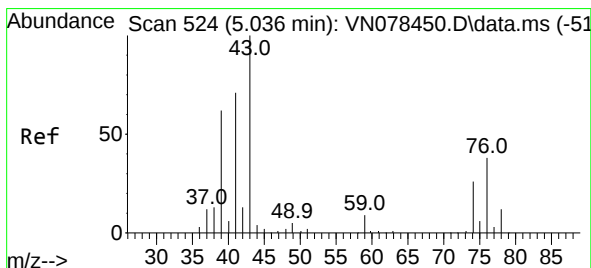
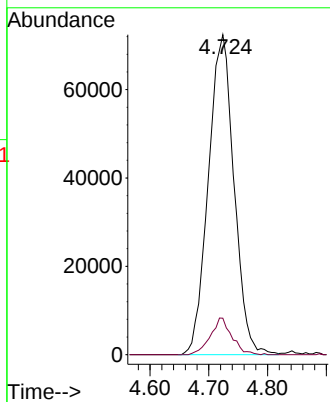
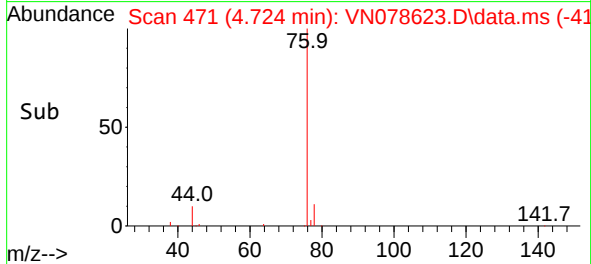
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 76 Resp: 21969
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0

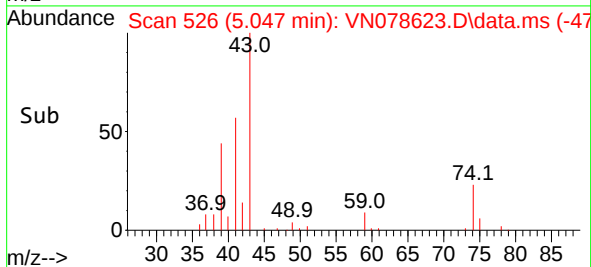
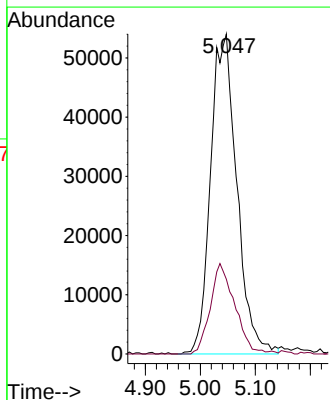
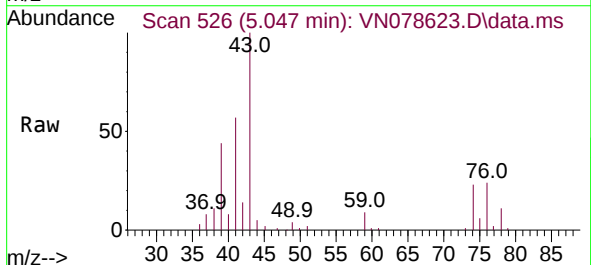
Manual Integrations
APPROVED

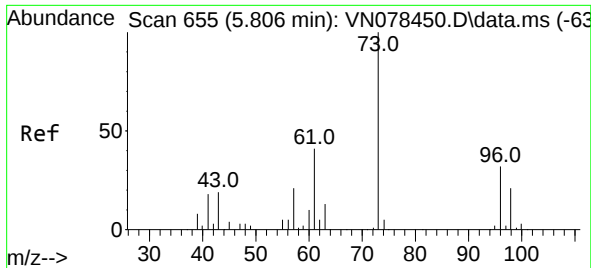
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 21.606 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

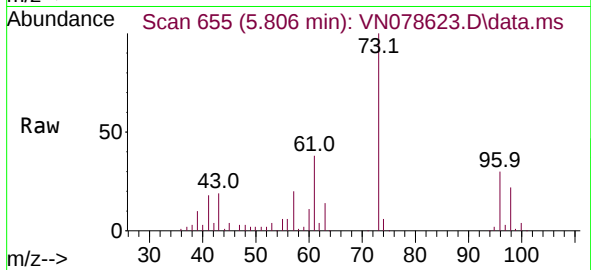
Tgt Ion: 43 Resp: 179048
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.219 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

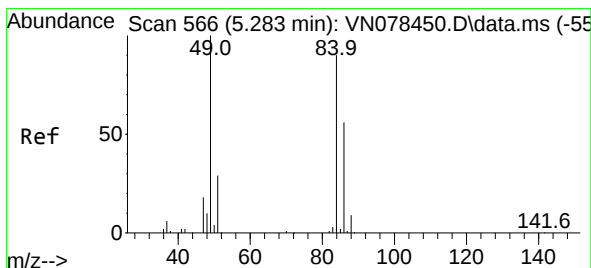
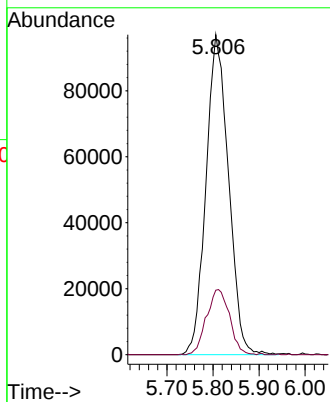
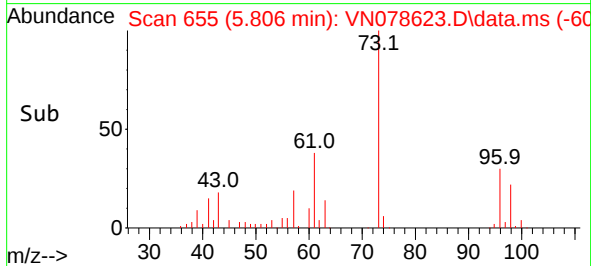
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 73 Resp: 32951
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4

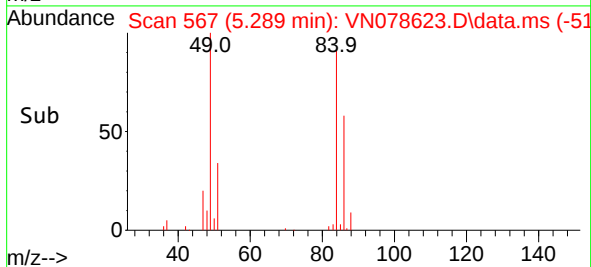
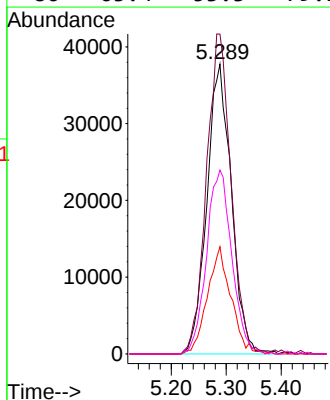
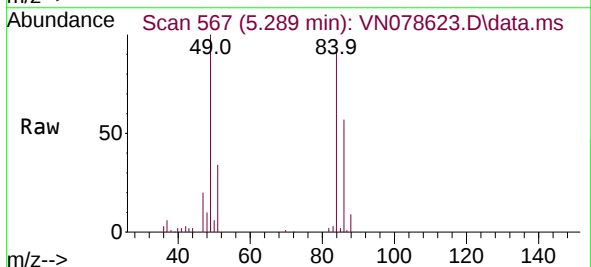
Manual Integrations
APPROVED

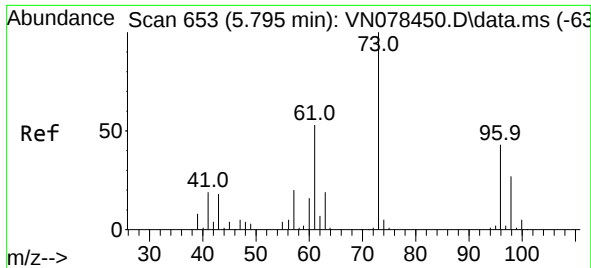
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 20.120 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

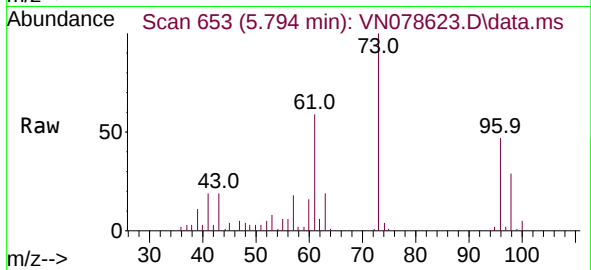
Tgt Ion: 84 Resp: 117079
Ion Ratio Lower Upper
84 100
49 110.4 79.7 119.5
51 37.0 25.2 37.8
86 63.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.405 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

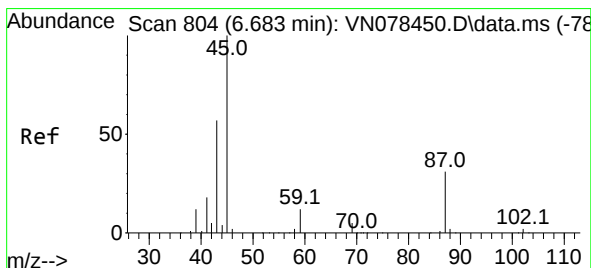
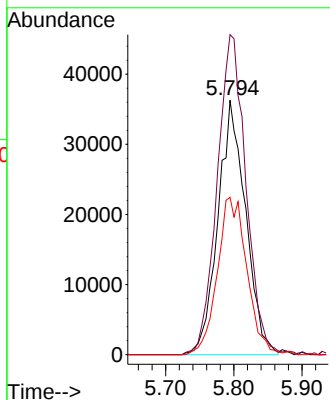
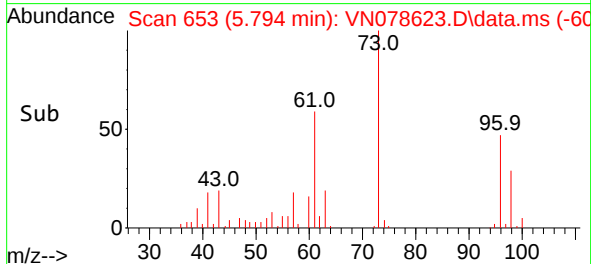
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



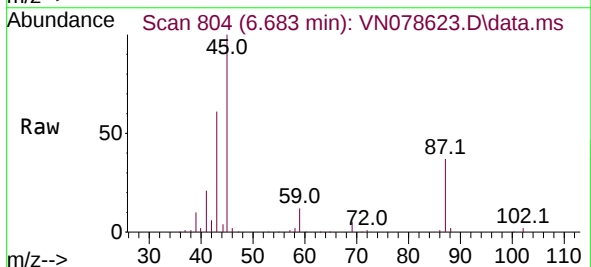
Tgt Ion: 96 Resp: 102589
Ion Ratio Lower Upper
96 100
61 125.7 90.1 135.1
98 61.8 46.4 69.6

Manual Integrations
APPROVED

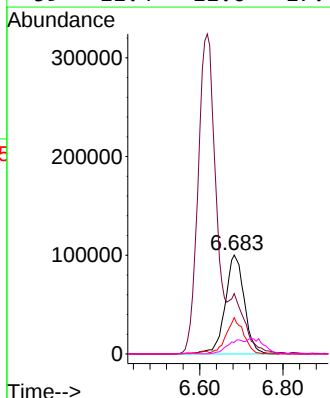
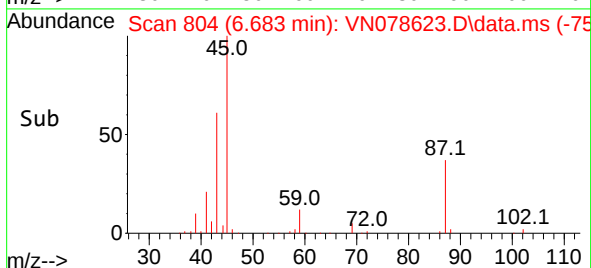
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

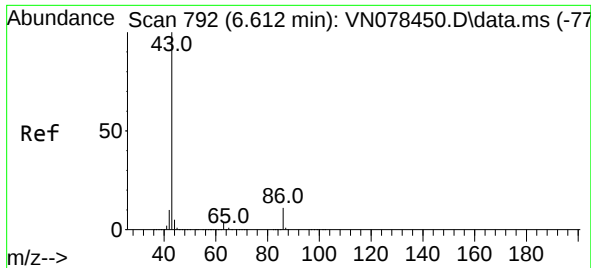


#22
Diisopropyl ether
Concen: 21.038 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



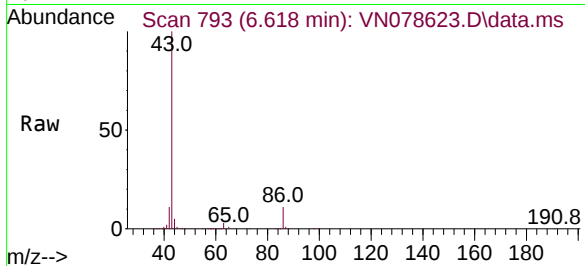
Tgt Ion: 45 Resp: 318399
Ion Ratio Lower Upper
45 100
43 60.9 45.5 68.3
87 36.7 31.8 47.8
59 11.4 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 99.768 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078623.D
 Acq: 21 Jul 2023 19:02

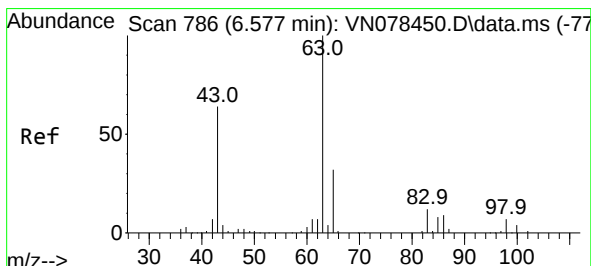
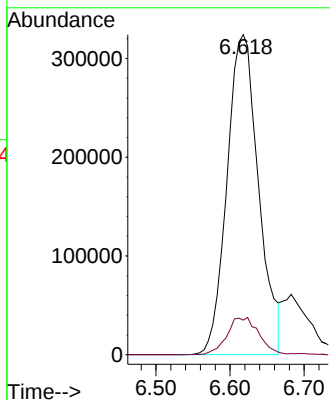
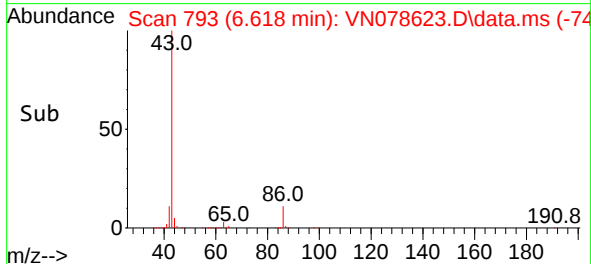
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01



Tgt Ion: 43 Resp: 95989
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

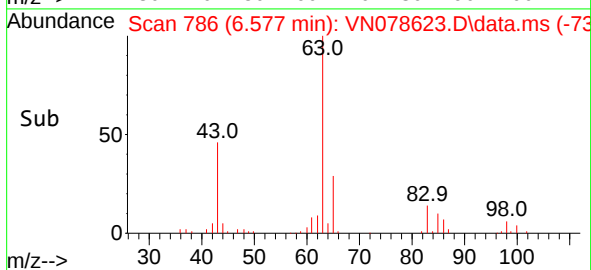
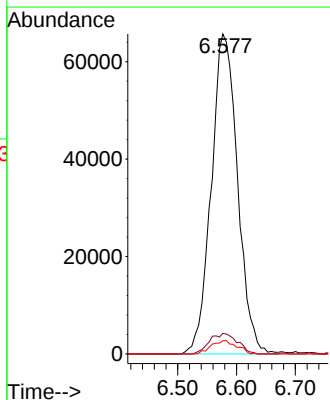
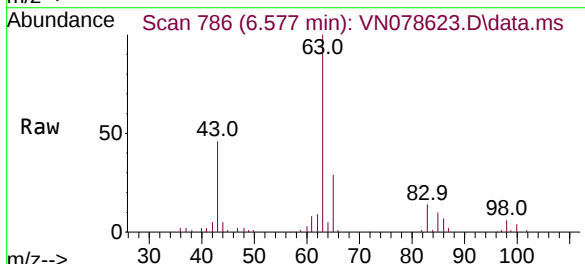
Manual Integrations
 APPROVED

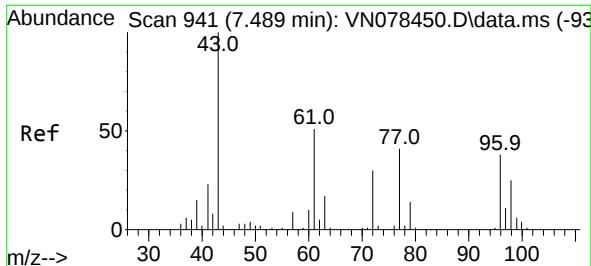
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 20.022 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078623.D
 Acq: 21 Jul 2023 19:02

Tgt Ion: 63 Resp: 204183
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.2 2.5 7.4





#25

2-Butanone

Concen: 99.244 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.005 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

Tgt Ion: 43 Resp: 305818

Ion Ratio Lower Upper

43 100

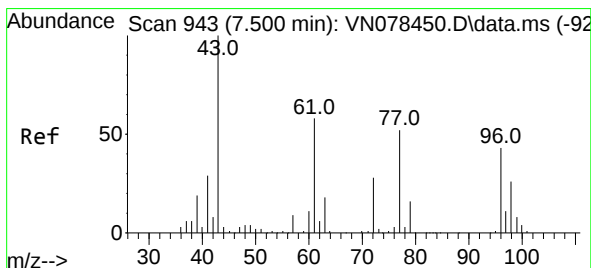
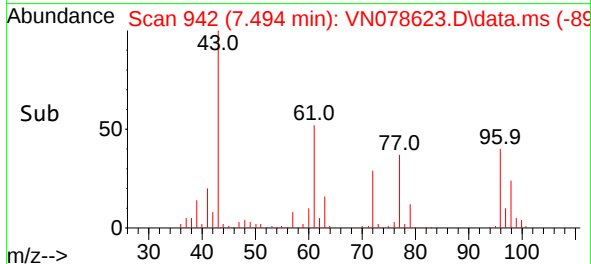
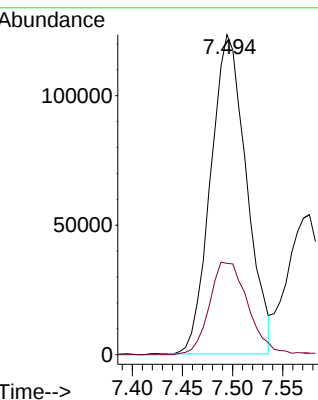
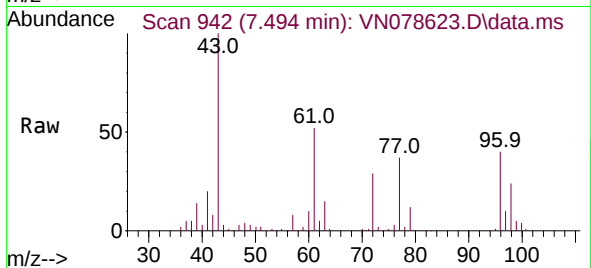
72 28.6 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#26

2,2-Dichloropropane

Concen: 15.714 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078623.D

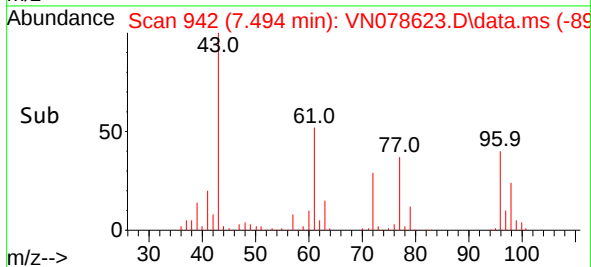
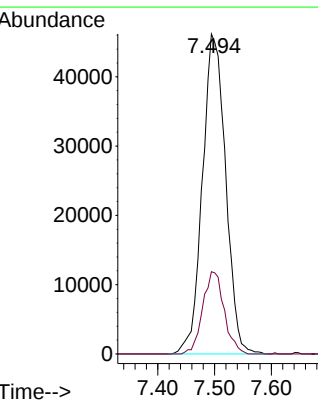
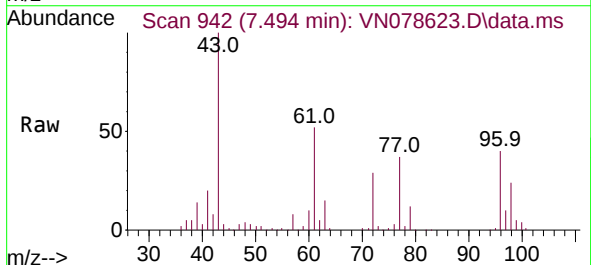
Acq: 21 Jul 2023 19:02

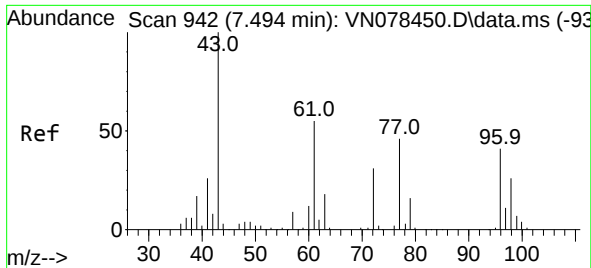
Tgt Ion: 77 Resp: 131070

Ion Ratio Lower Upper

77 100

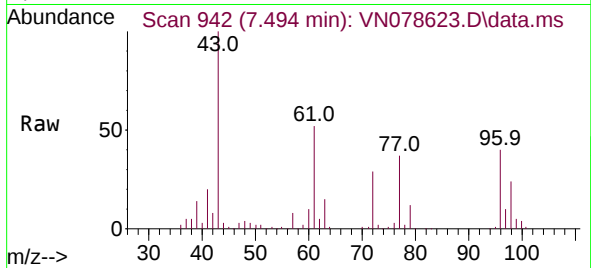
97 23.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.959 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078623.D
 Acq: 21 Jul 2023 19:02

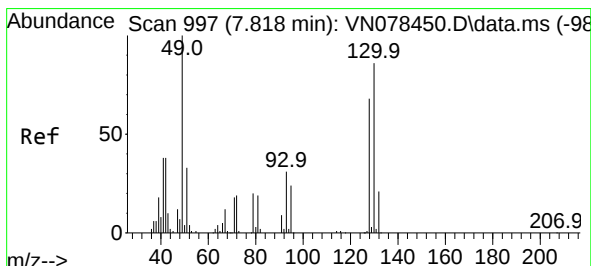
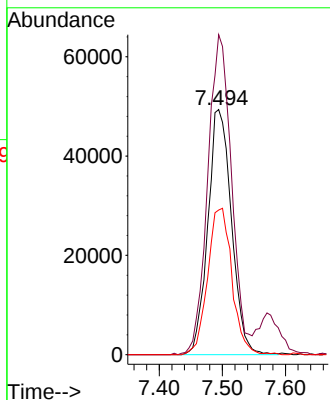
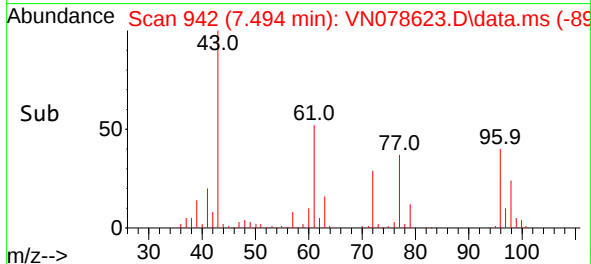
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01



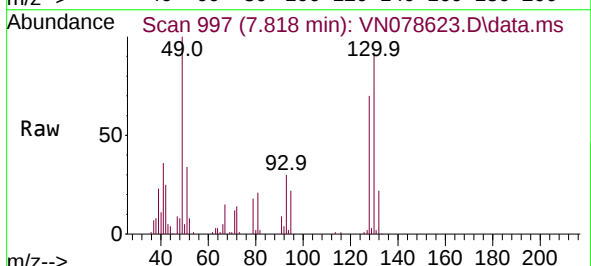
Tgt Ion: 96 Resp: 128700
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 255.2
 98 61.1 0.0 128.8

Manual Integrations
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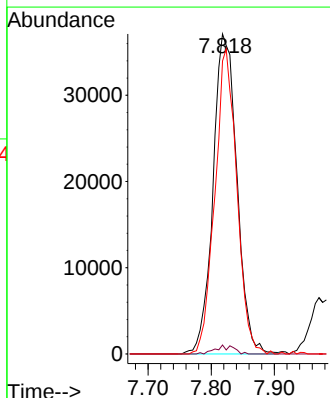
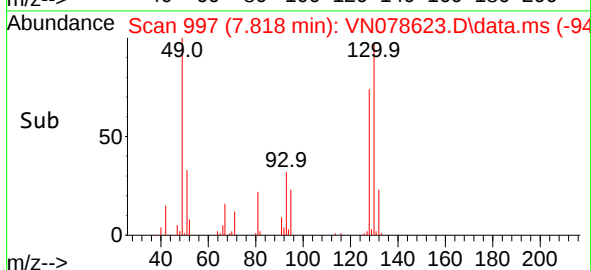
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

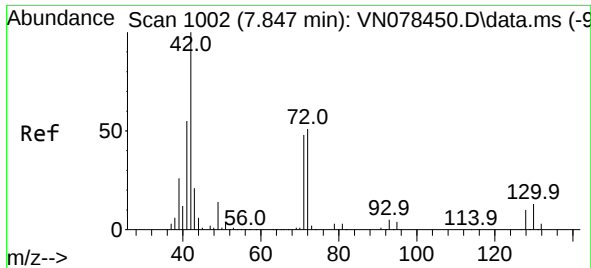


#28
 Bromochloromethane
 Concen: 20.272 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078623.D
 Acq: 21 Jul 2023 19:02



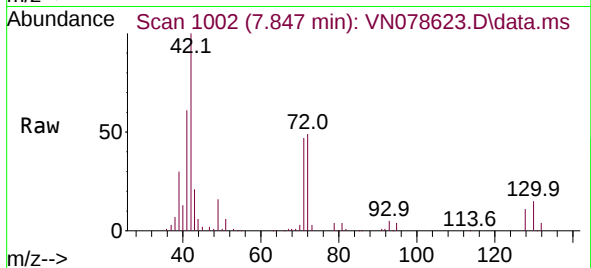
Tgt Ion: 49 Resp: 97373
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 87.6 75.3 112.9





#29
Tetrahydrofuran
Concen: 99.868 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

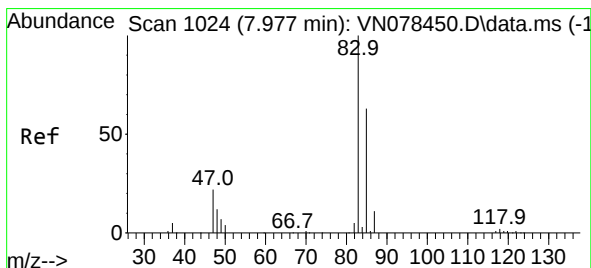
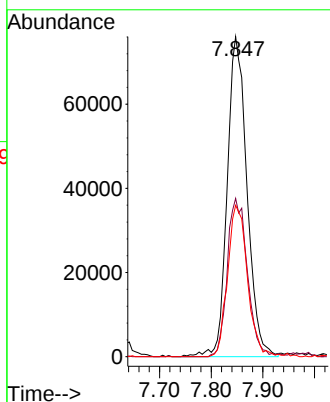
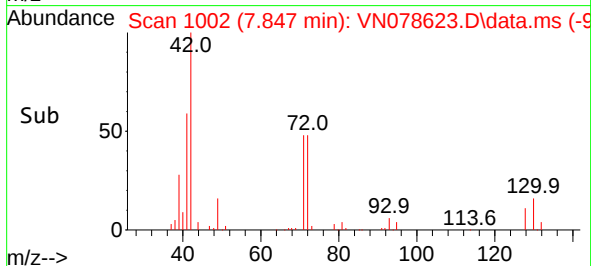
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 42 Resp: 201930
Ion Ratio Lower Upper
42 100
72 50.6 49.8 74.6
71 47.6 47.4 71.2

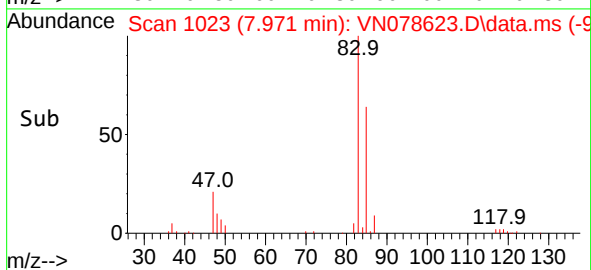
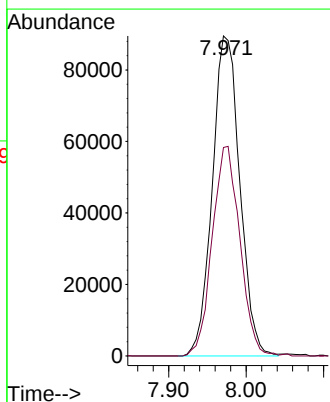
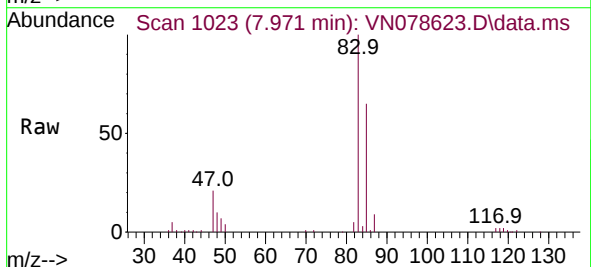
Manual Integrations
APPROVED

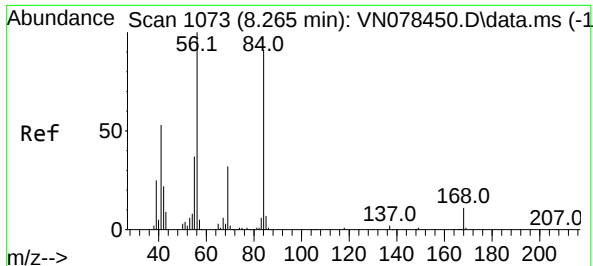
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#30
Chloroform
Concen: 20.801 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

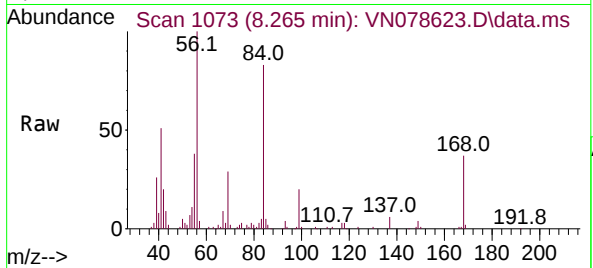
Tgt Ion: 83 Resp: 220846
Ion Ratio Lower Upper
83 100
85 65.2 55.4 83.0





#31
Cyclohexane
Concen: 17.980 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

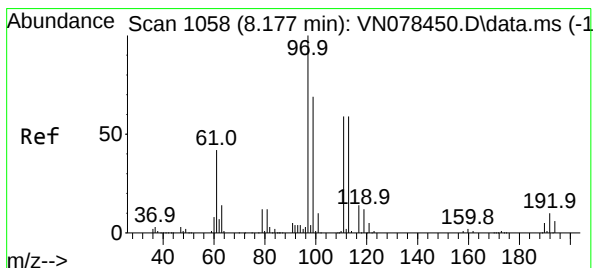
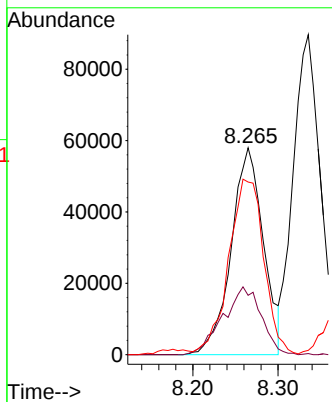
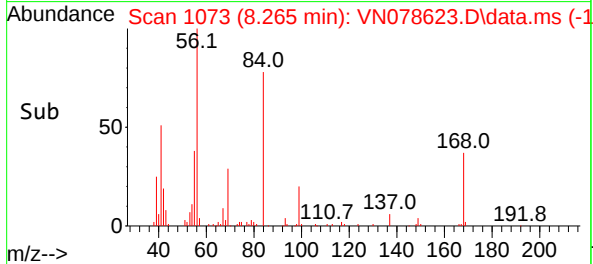
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 56 Resp: 15270
Ion Ratio Lower Upper
56 100
69 28.7 26.8 40.2
84 81.5 81.8 122.6

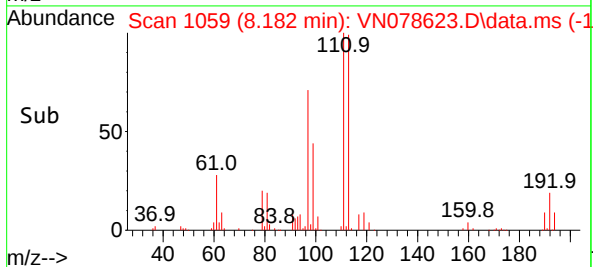
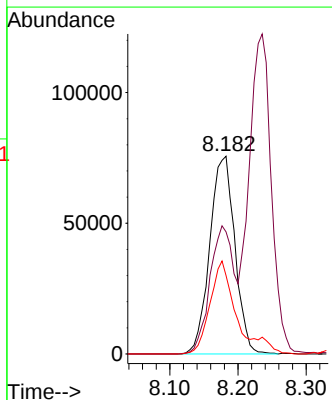
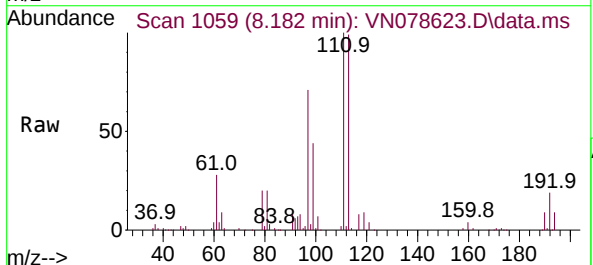
Manual Integrations
APPROVED

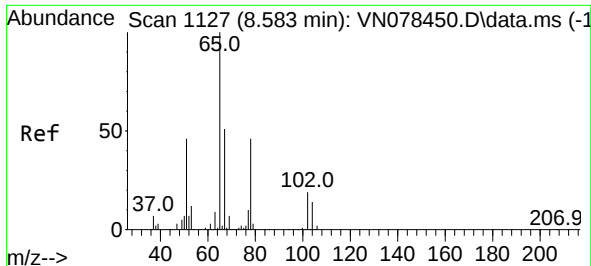
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 20.387 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.005 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion: 97 Resp: 194064
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 49.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.122 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

Tgt Ion: 65 Resp: 32755

Ion Ratio Lower Upper

65 100

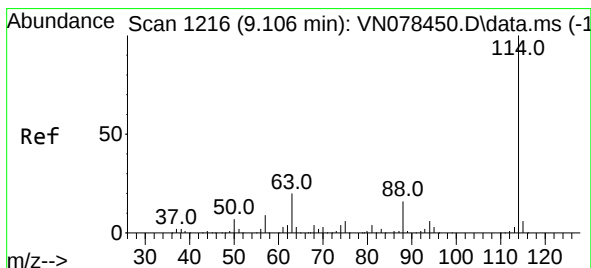
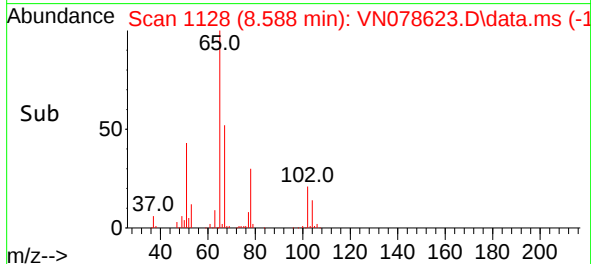
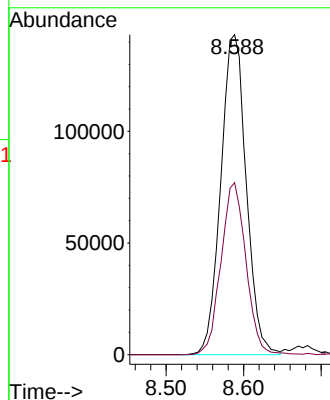
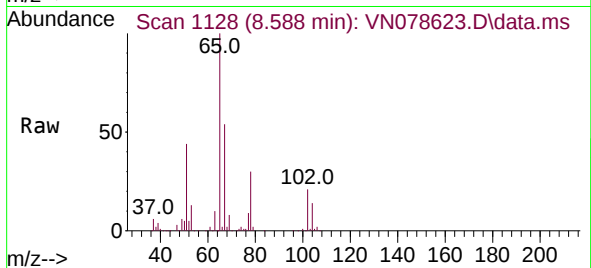
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

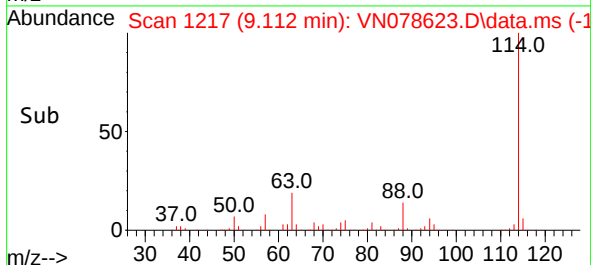
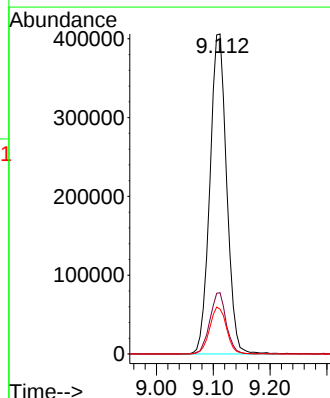
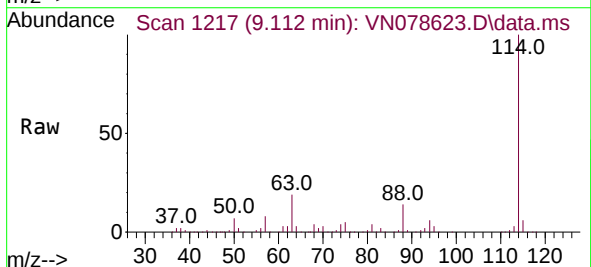
Tgt Ion:114 Resp: 831954

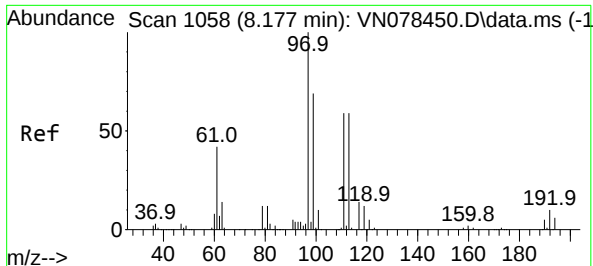
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.008 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

Tgt Ion: 113 Resp: 288072

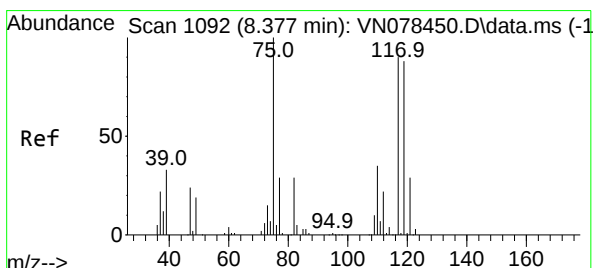
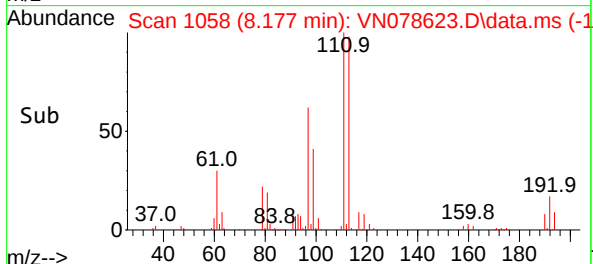
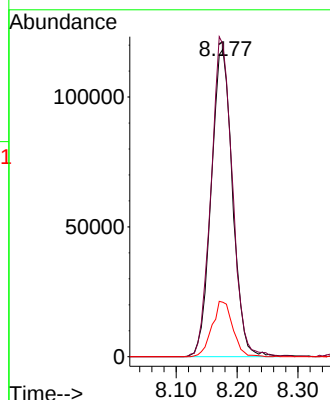
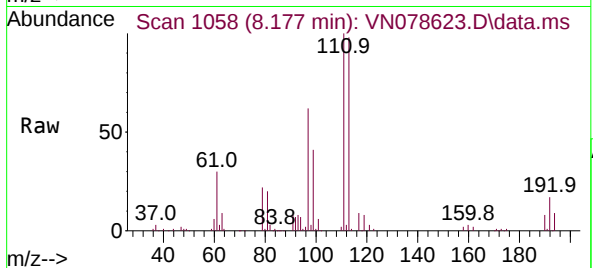
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	17.4	12.7	19.1

Manual Integrations

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Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#36

1,1-Dichloropropene

Concen: 17.899 ug/l

RT: 8.377 min Scan# 1092

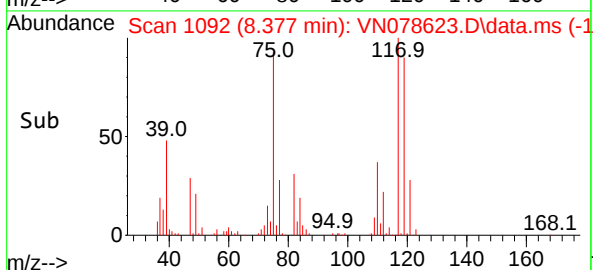
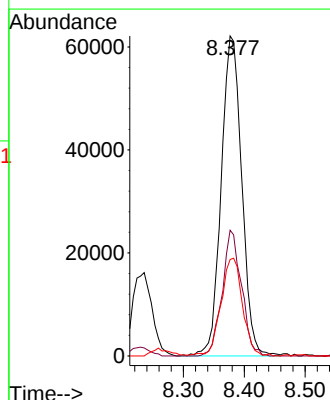
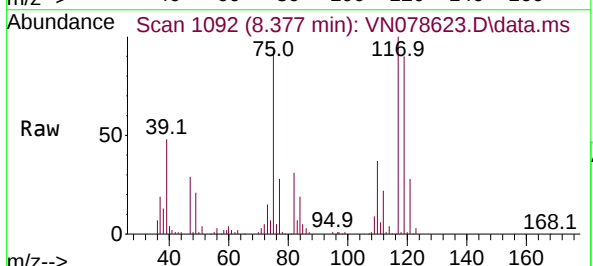
Delta R.T. -0.000 min

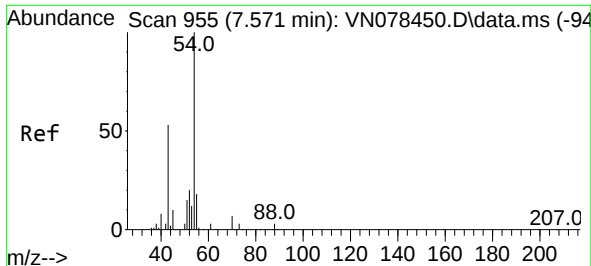
Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Tgt Ion: 75 Resp: 145962

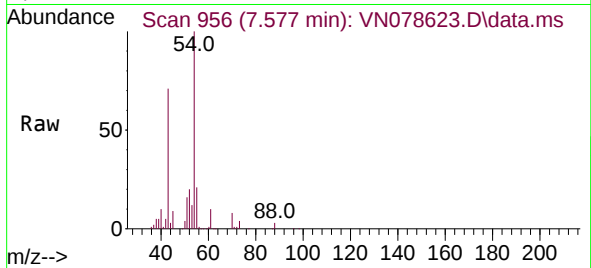
Ion	Ratio	Lower	Upper
75	100		
110	37.0	19.1	57.3
77	32.0	25.0	37.4





#37
Ethyl Acetate
Concen: 19.833 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

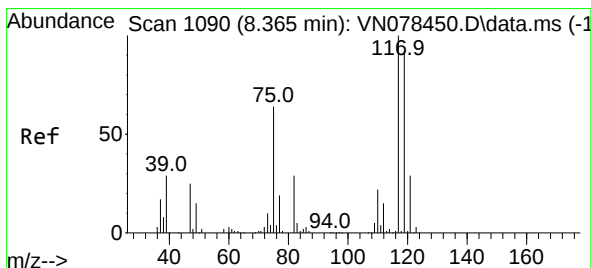
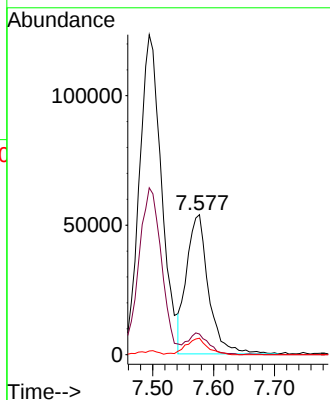
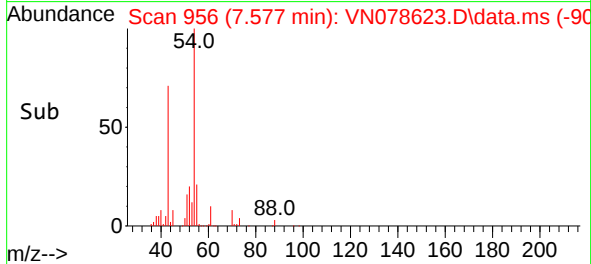
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 43 Resp: 134820
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.6 11.3 16.9

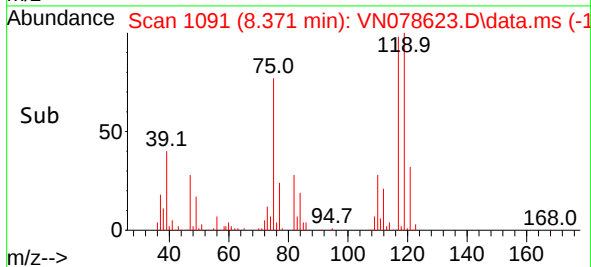
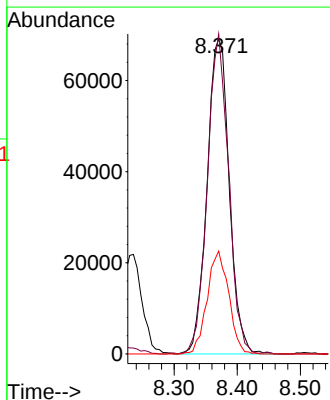
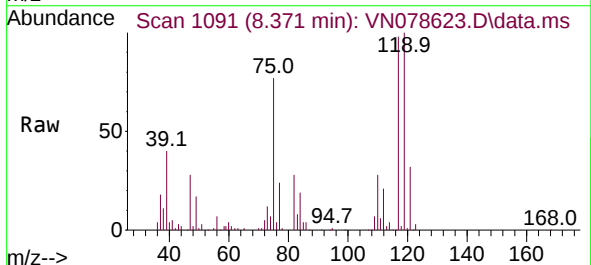
Manual Integrations
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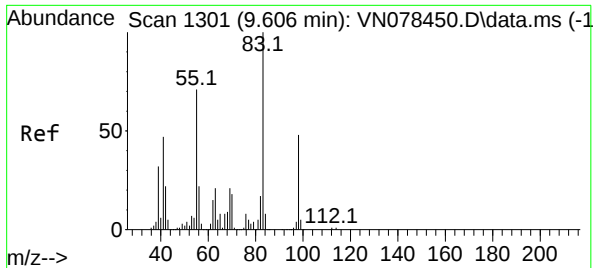
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 19.115 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

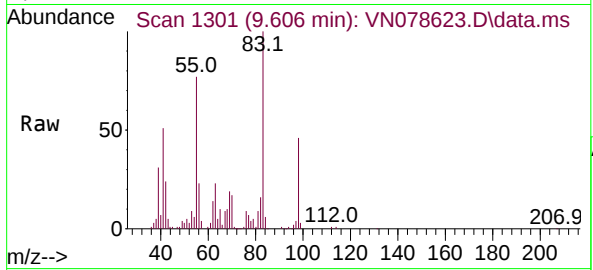
Tgt Ion:117 Resp: 169409
Ion Ratio Lower Upper
117 100
119 101.6 77.3 115.9
121 32.7 23.3 34.9





#39
Methylcyclohexane
Concen: 18.127 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

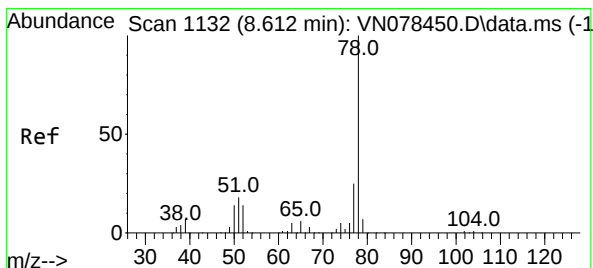
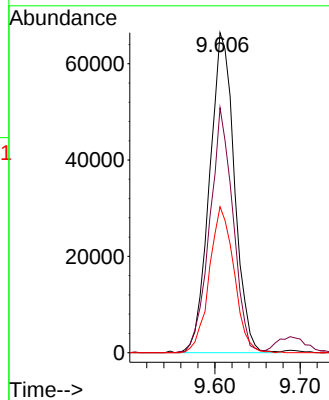
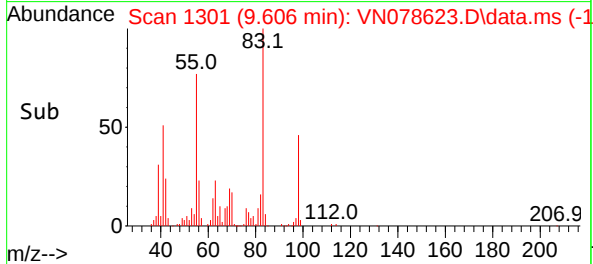
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 83 Resp: 134929
Ion Ratio Lower Upper
83 100
55 76.1 49.1 73.7
98 45.6 40.6 61.0

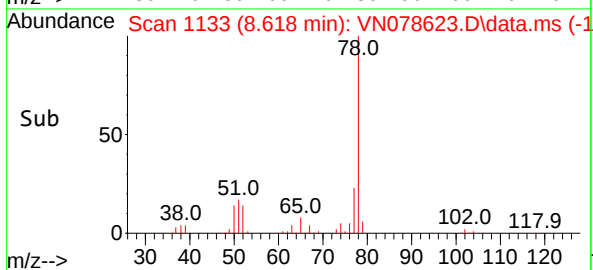
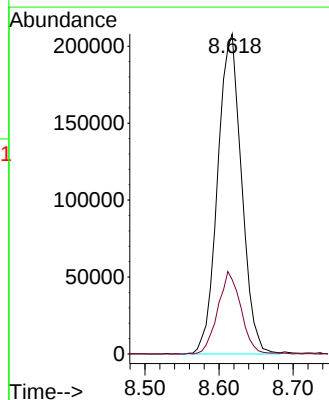
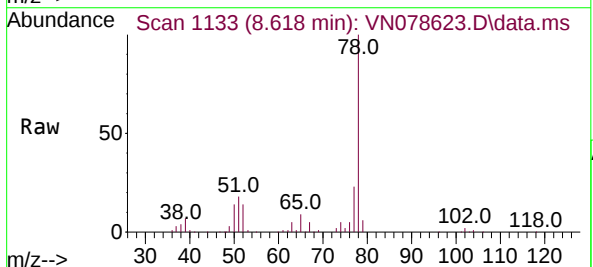
Manual Integrations
APPROVED

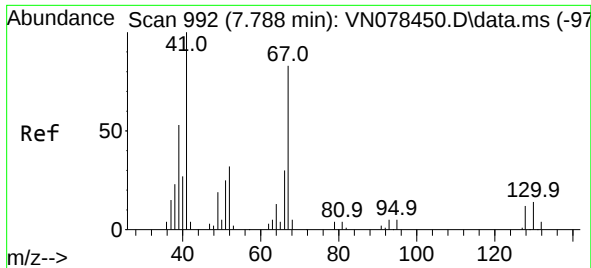
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#40
Benzene
Concen: 19.311 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

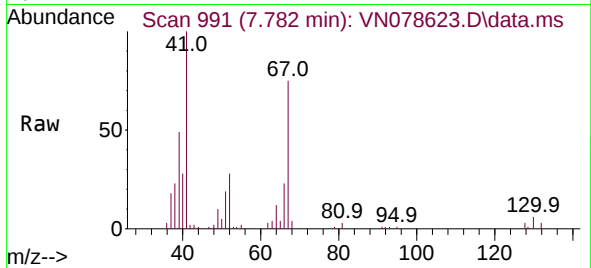
Tgt Ion: 78 Resp: 466535
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 20.383 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

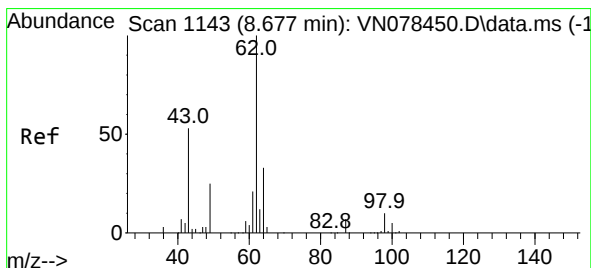
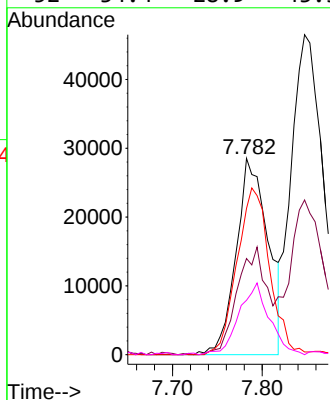
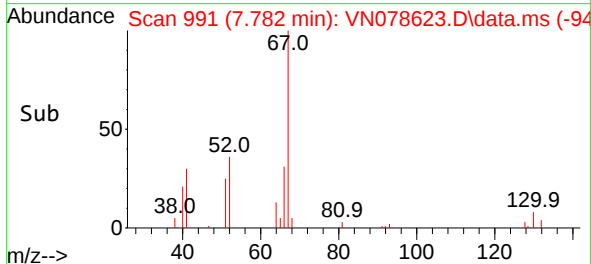
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 41	Resp: 70630
Ion Ratio	Lower Upper
41 100	
39 50.6	42.6 64.0
67 86.6	77.5 116.3
52 34.4	28.9 43.3

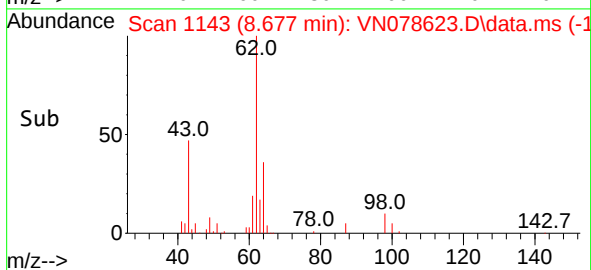
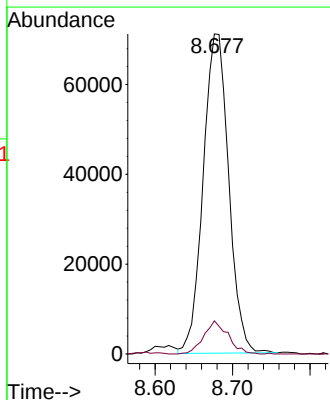
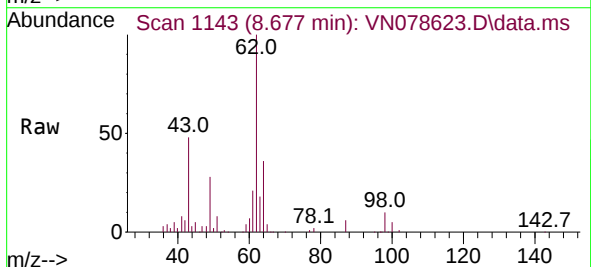
Manual Integrations
APPROVED

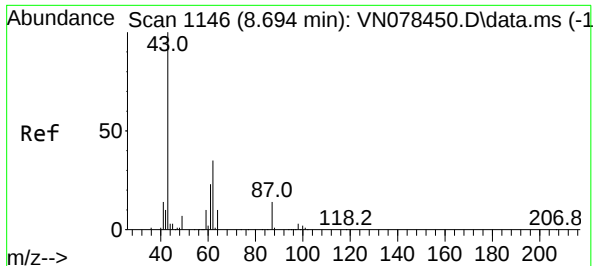
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 19.807 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

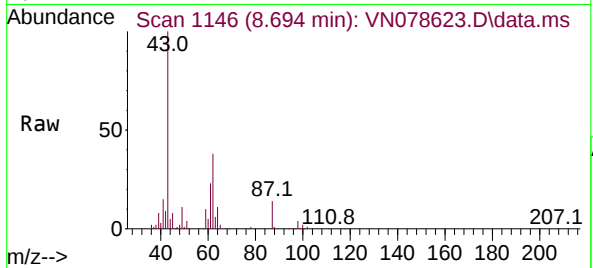
Tgt Ion: 62	Resp: 162761
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 19.8





#43
Isopropyl Acetate
Concen: 23.167 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

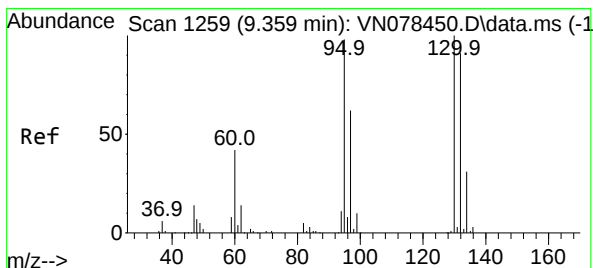
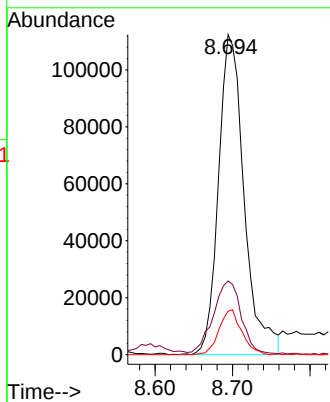
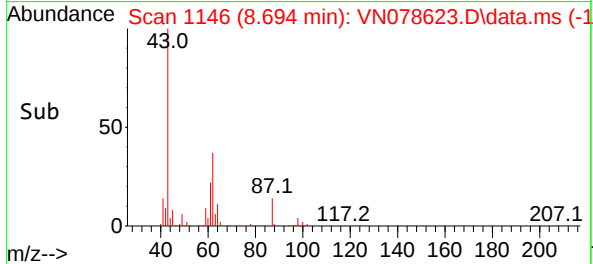
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 43 Resp: 259280
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1
87 12.4 14.6 21.8

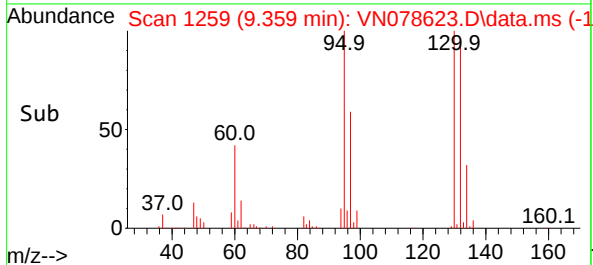
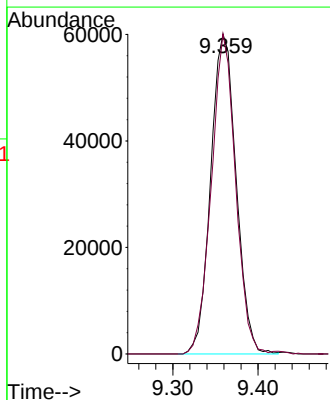
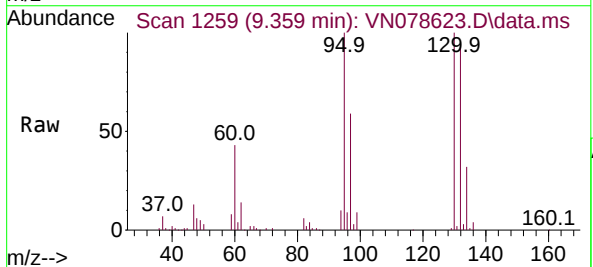
Manual Integrations
APPROVED

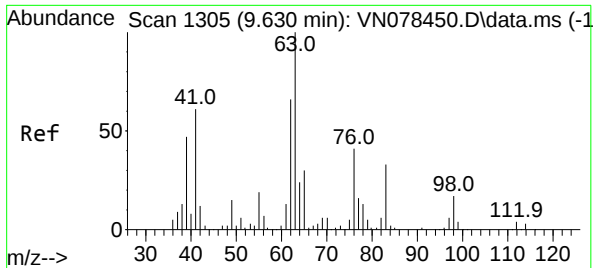
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 19.121 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

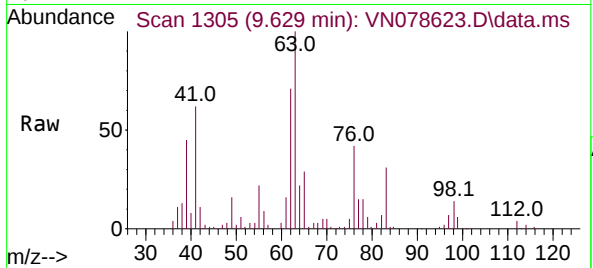
Tgt Ion:130 Resp: 124503
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.199 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

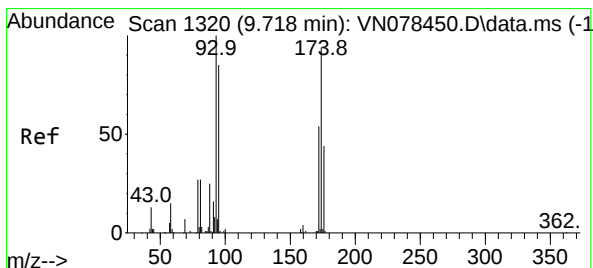
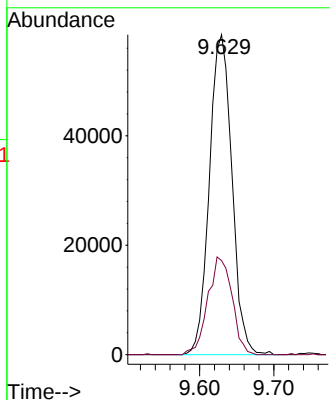
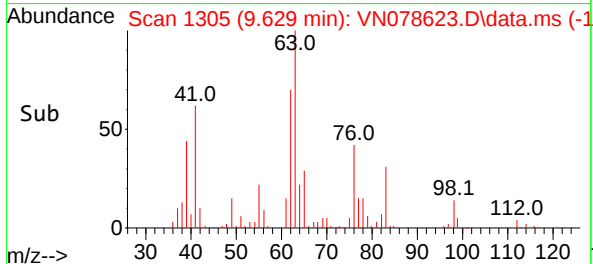
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 63 Resp: 12359
Ion Ratio Lower Upper
63 100
65 29.4 23.9 35.9

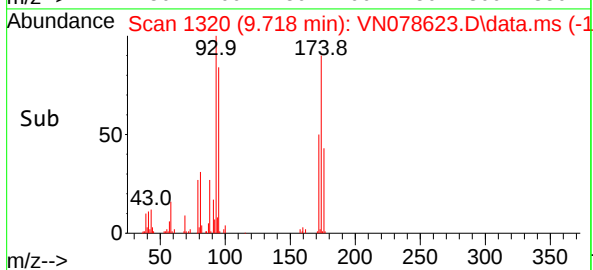
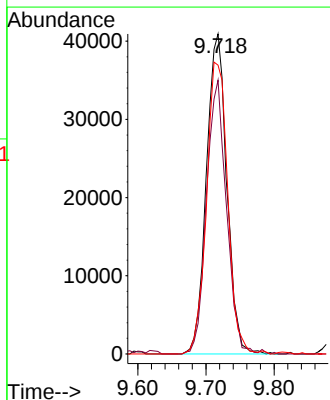
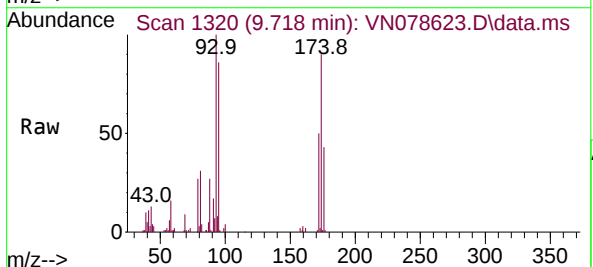
Manual Integrations
APPROVED

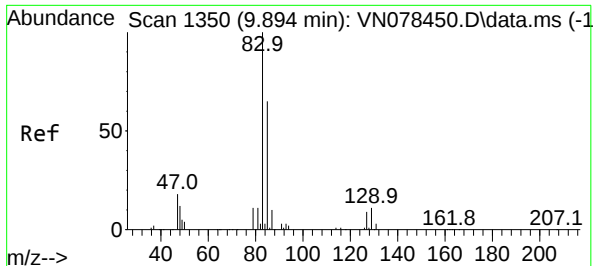
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#46
Dibromomethane
Concen: 19.800 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

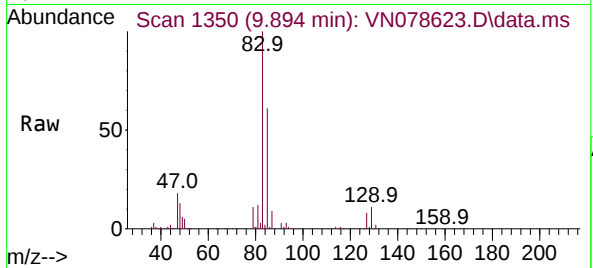
Tgt Ion: 93 Resp: 85268
Ion Ratio Lower Upper
93 100
95 83.6 63.8 95.8
174 94.6 65.6 98.4





#47
Bromodichloromethane
Concen: 20.239 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

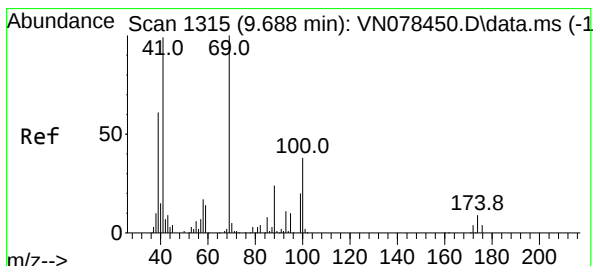
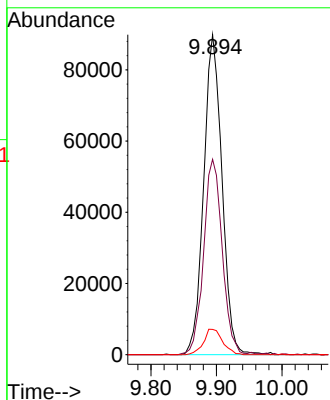
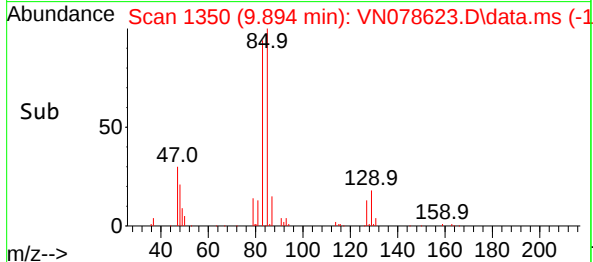
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 83 Resp: 17472
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 7.9 7.0 10.6

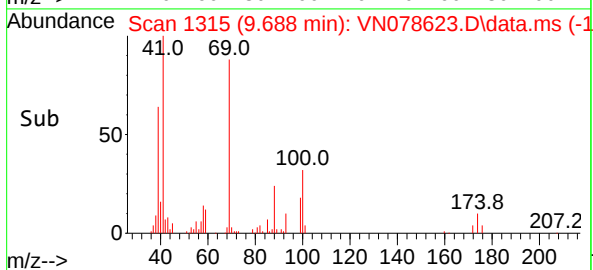
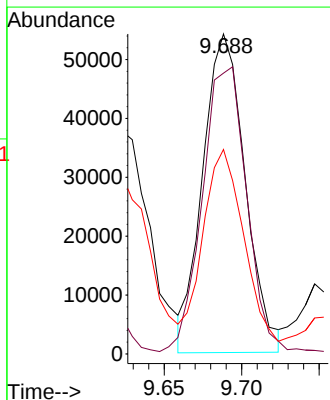
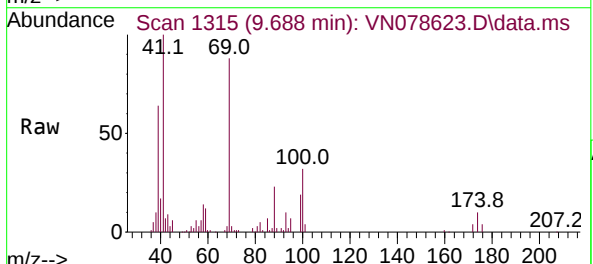
Manual Integrations
APPROVED

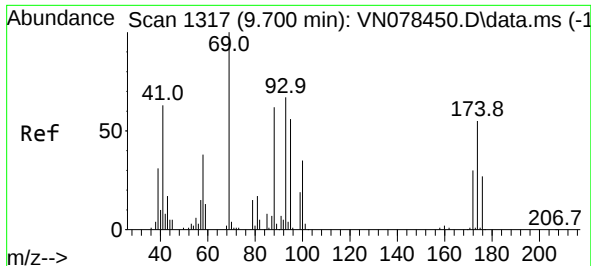
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#48
Methyl methacrylate
Concen: 19.860 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion: 41 Resp: 102975
Ion Ratio Lower Upper
41 100
69 94.5 90.4 135.6
39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 387.512 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078623.D

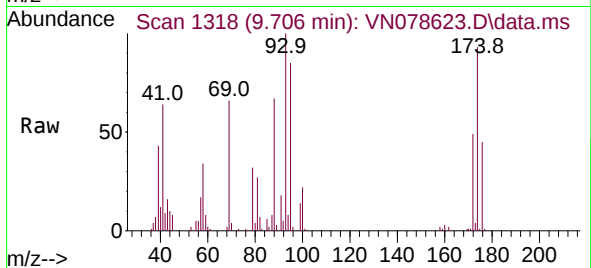
Acq: 21 Jul 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01



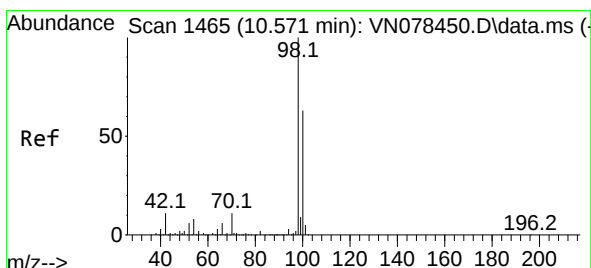
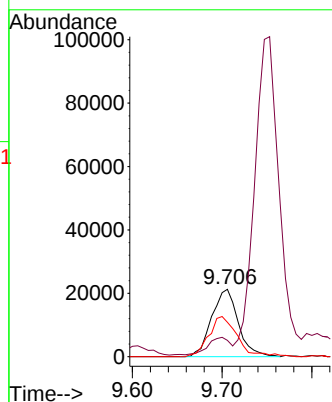
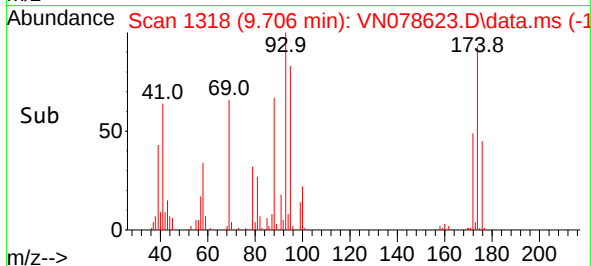
Tgt Ion:	88	Resp:	43818
Ion	Ratio	Lower	Upper
88	100		
43	21.3	17.0	25.6
58	64.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 49.522 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078623.D

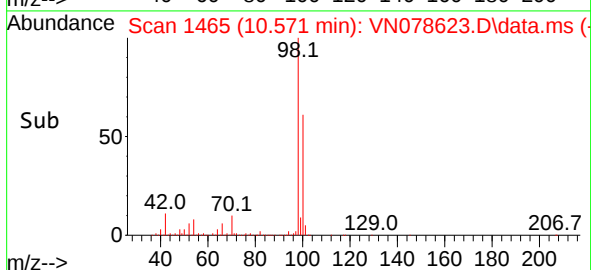
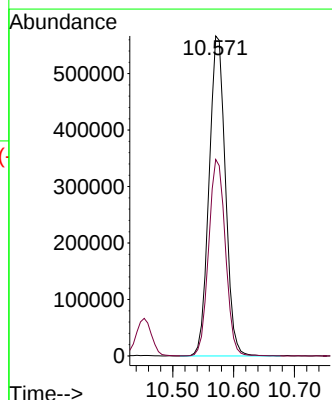
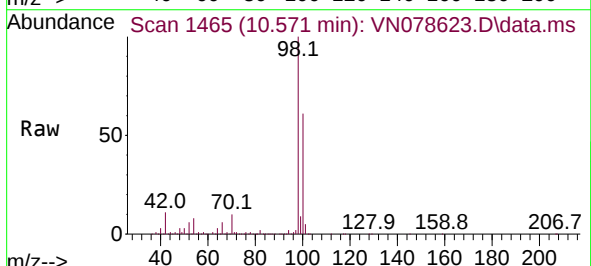
Acq: 21 Jul 2023 19:02

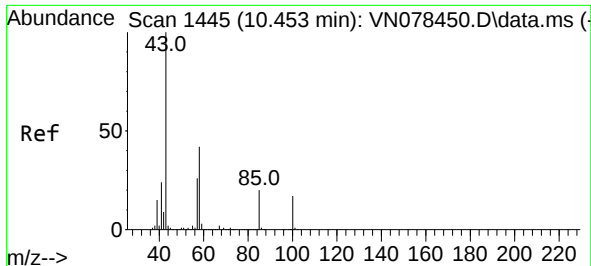
Tgt Ion: 98 Resp: 1056547

Ion Ratio Lower Upper

98 100

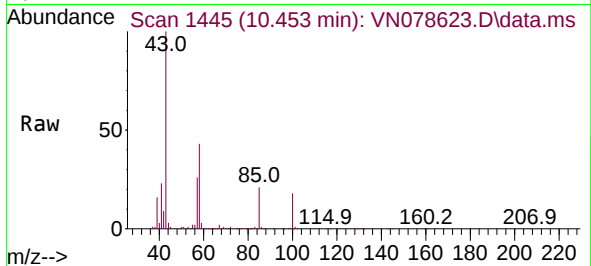
100 62.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 101.767 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

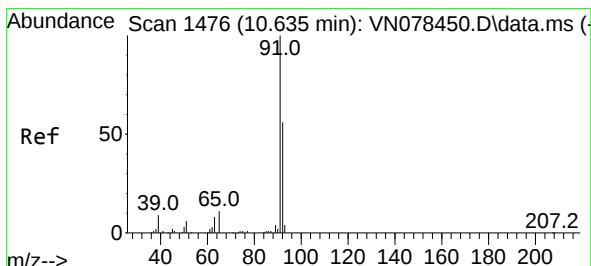
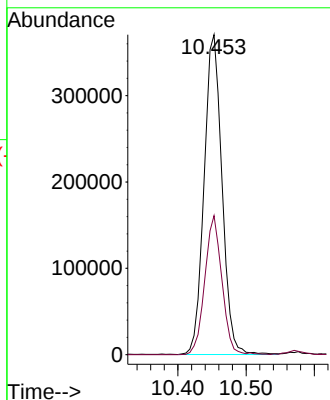
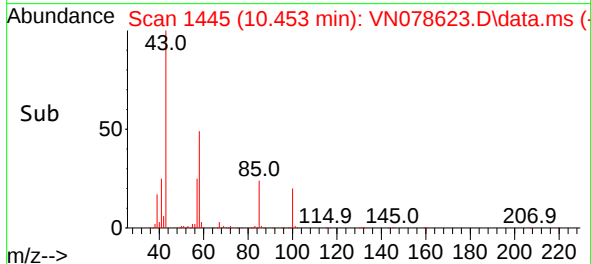
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 43 Resp: 677459
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

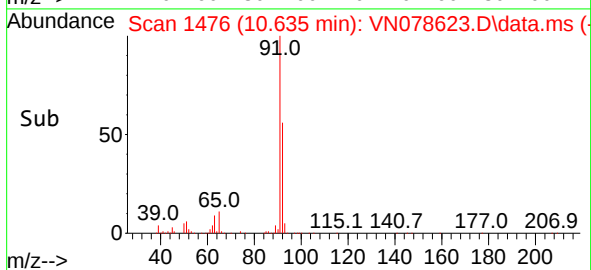
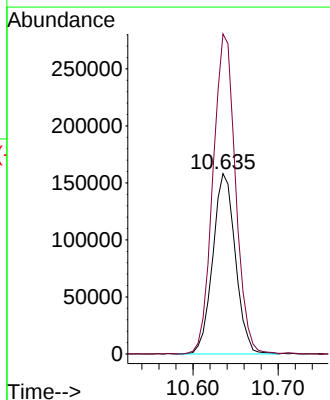
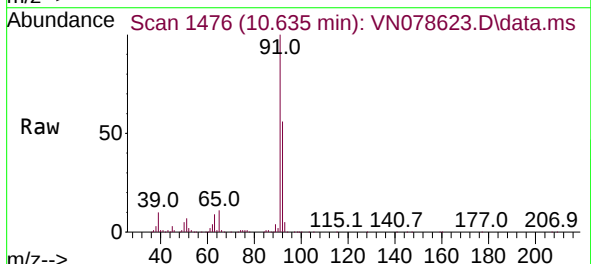
Manual Integrations
APPROVED

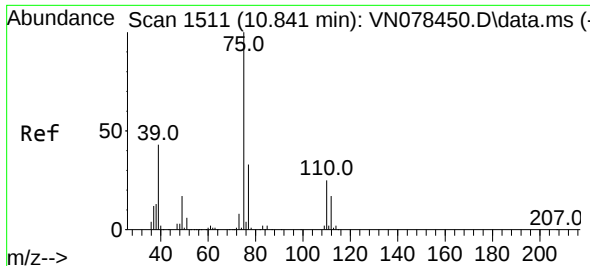
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 19.497 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

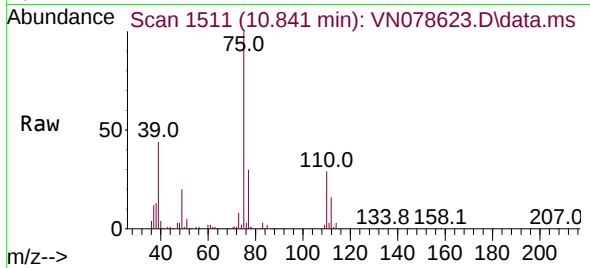
Tgt Ion: 92 Resp: 291930
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.181 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

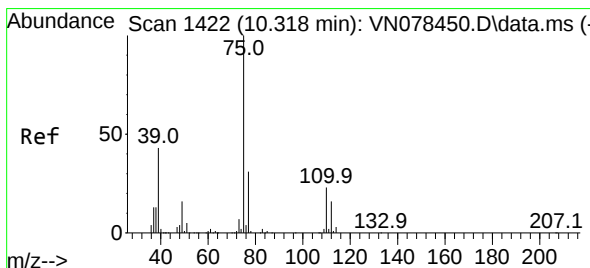
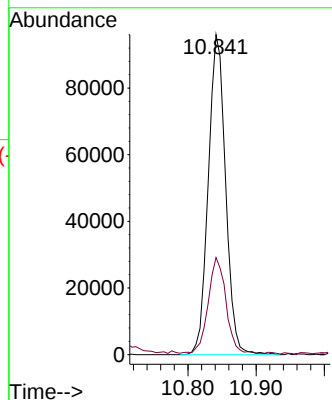
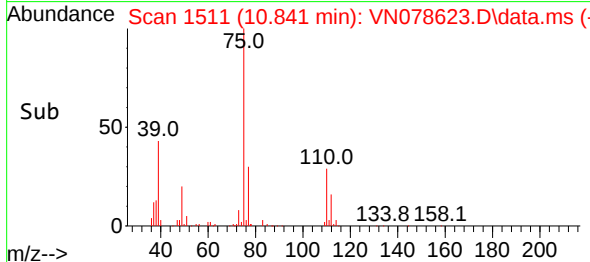
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 75 Resp: 169632
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

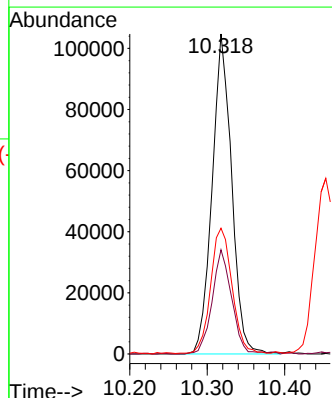
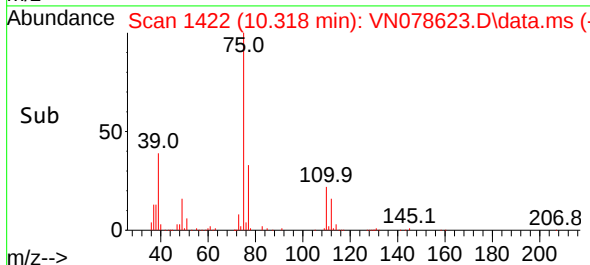
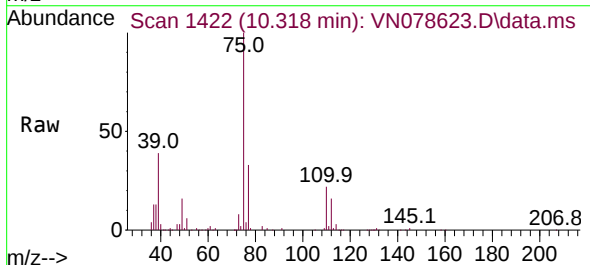
Manual Integrations
APPROVED

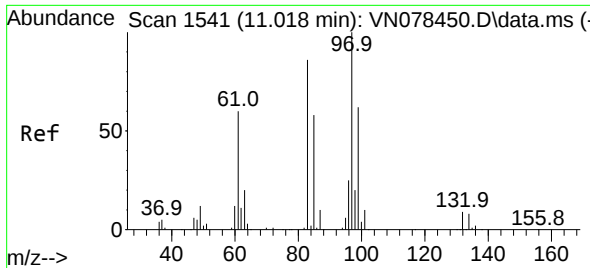
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#54
cis-1,3-Dichloropropene
Concen: 19.451 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

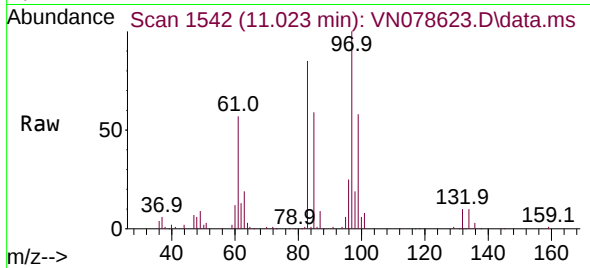
Tgt Ion: 75 Resp: 183364
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 39.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.362 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

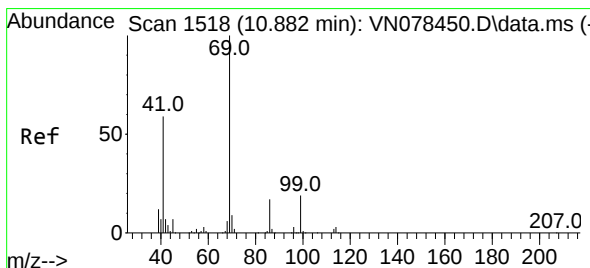
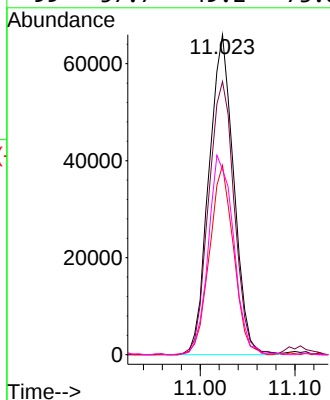
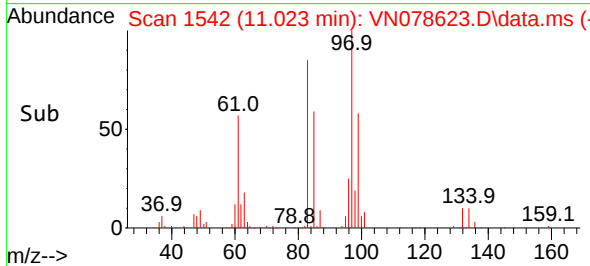
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



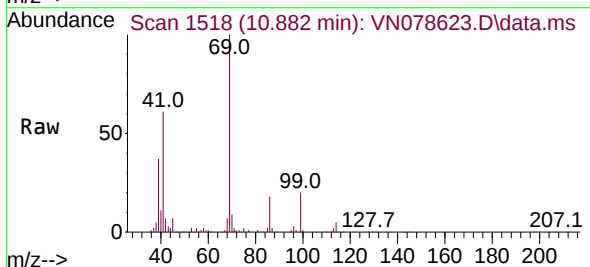
Tgt Ion:	97	Resp:	120118
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.1	97.7
85	59.1	43.4	65.2
99	57.7	49.2	73.8

Manual Integrations
APPROVED

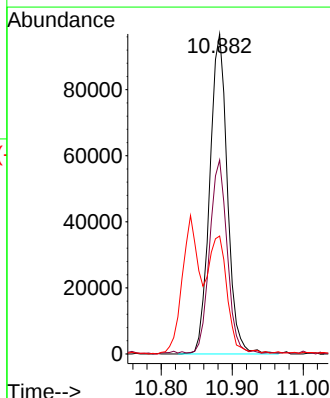
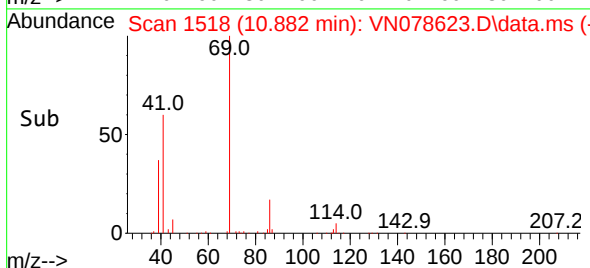
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

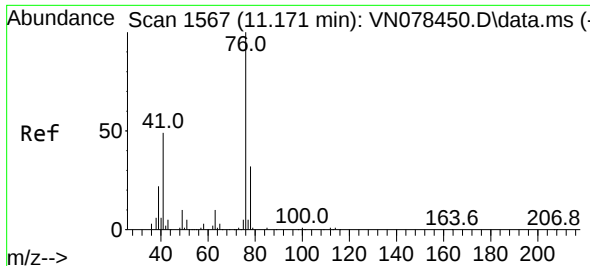


#56
Ethyl methacrylate
Concen: 20.236 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



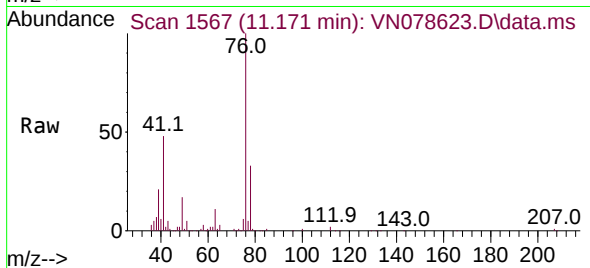
Tgt Ion:	69	Resp:	166876
Ion	Ratio	Lower	Upper
69	100		
41	59.7	39.6	59.4#
39	39.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.106 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

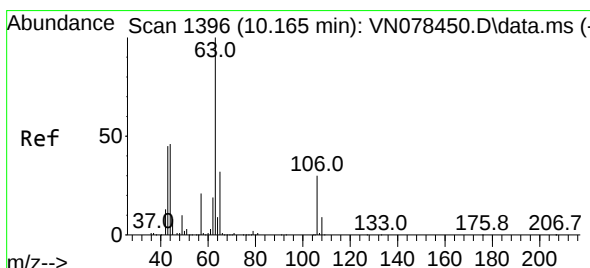
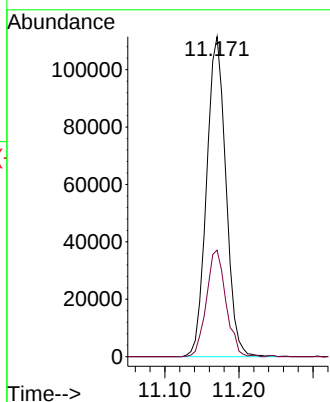
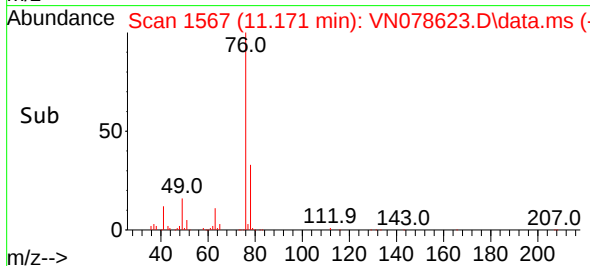
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 76 Resp: 20167
Ion Ratio Lower Upper
76 100
78 33.8 26.1 39.1

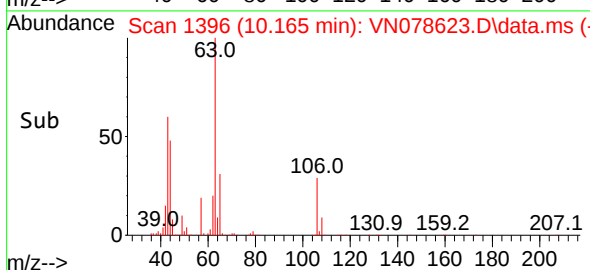
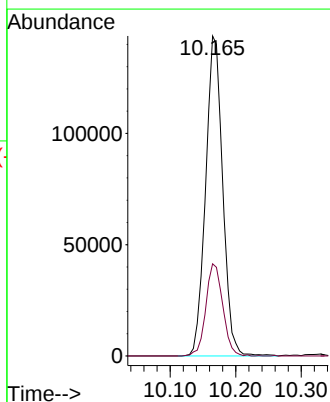
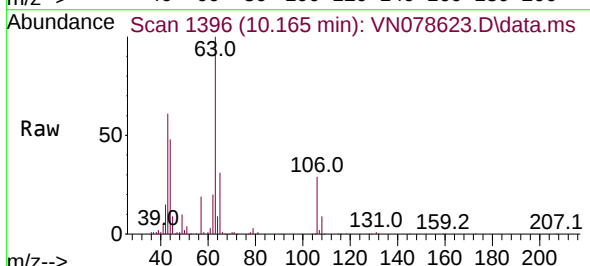
Manual Integrations
APPROVED

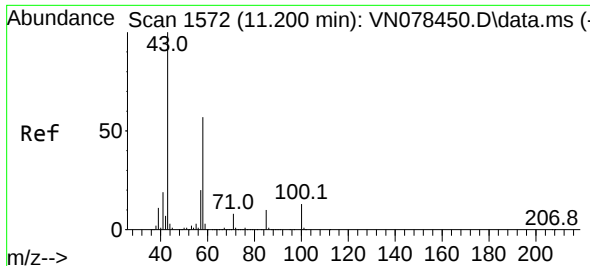
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#58
2-Chloroethyl Vinyl ether
Concen: 88.696 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

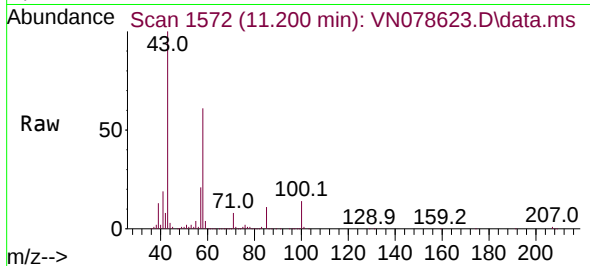
Tgt Ion: 63 Resp: 260661
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 100.616 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

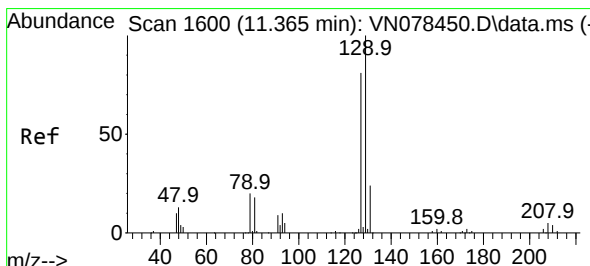
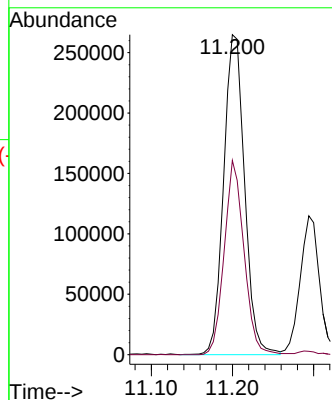
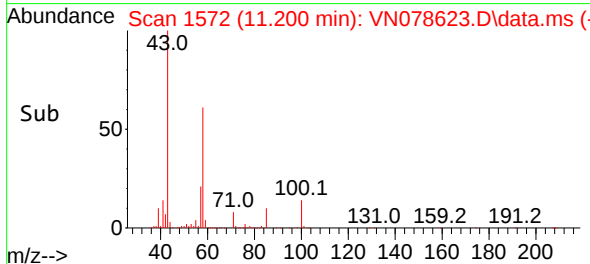
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 43 Resp: 476030
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1

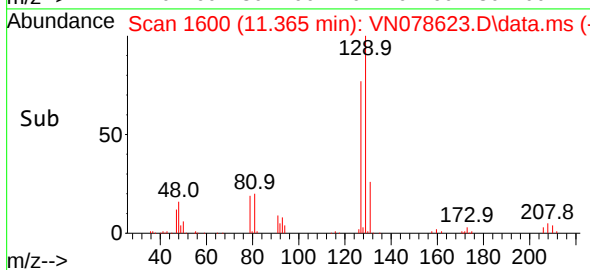
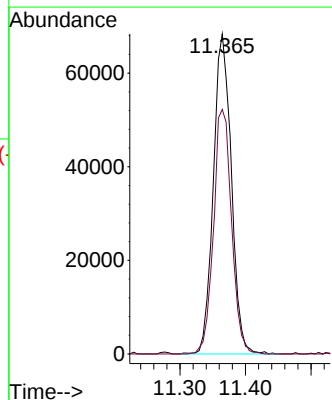
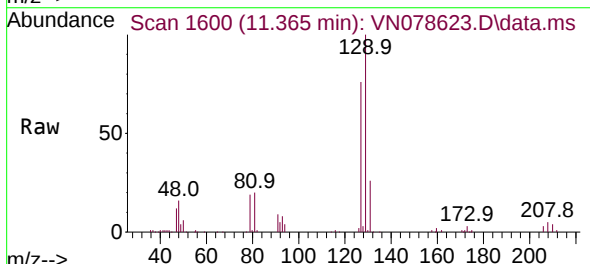
Manual Integrations
APPROVED

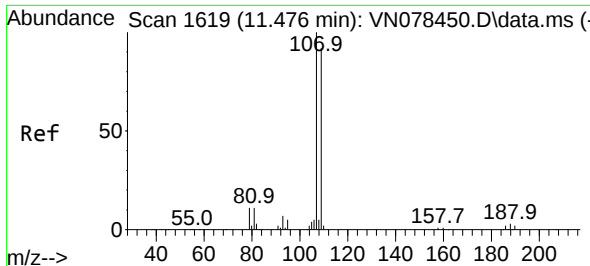
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 19.913 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

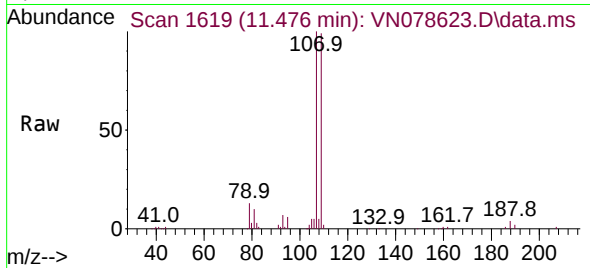
Tgt Ion:129 Resp: 129685
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.833 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

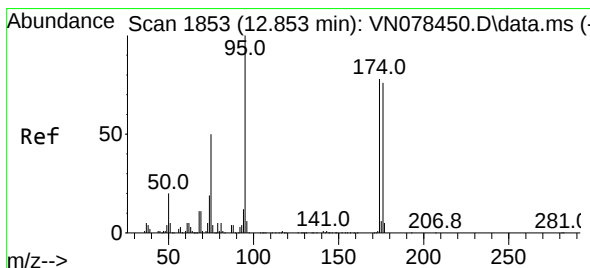
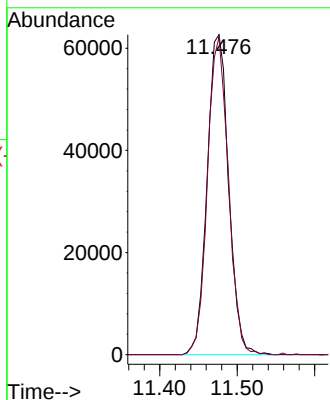
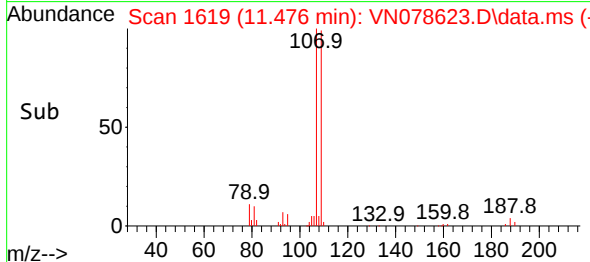
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



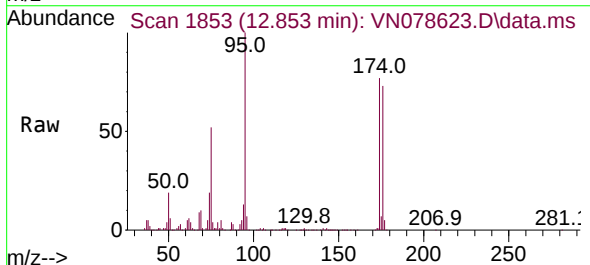
Tgt Ion:107 Resp: 12052
Ion Ratio Lower Upper
107 100
109 96.8 76.6 114.8

Manual Integrations
APPROVED

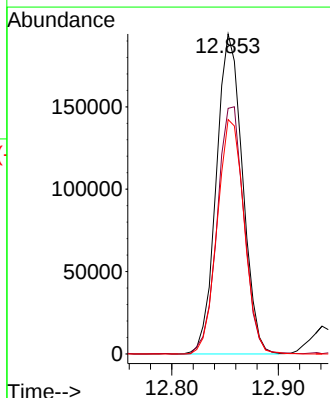
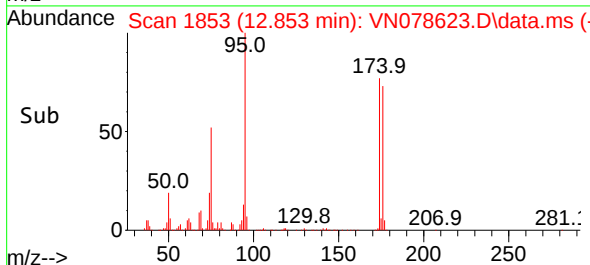
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

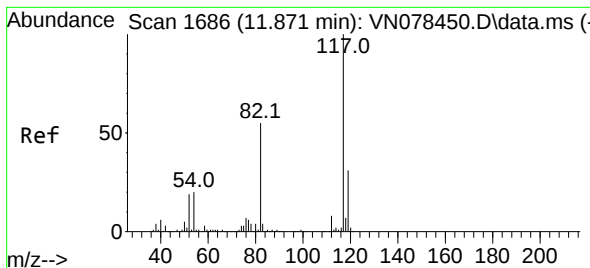


#62
4-Bromofluorobenzene
Concen: 50.549 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



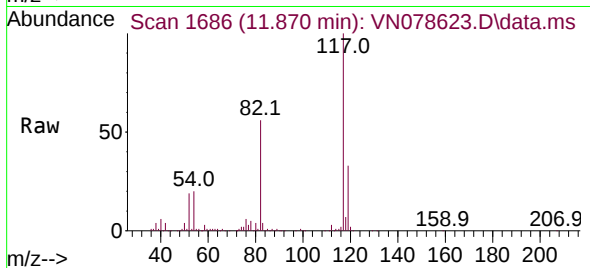
Tgt Ion: 95 Resp: 332185
Ion Ratio Lower Upper
95 100
174 78.8 0.0 143.8
176 75.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

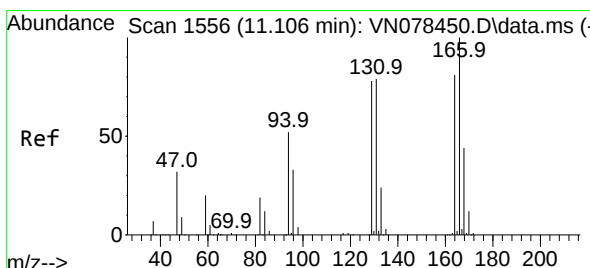
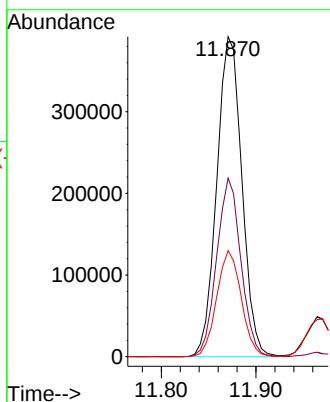
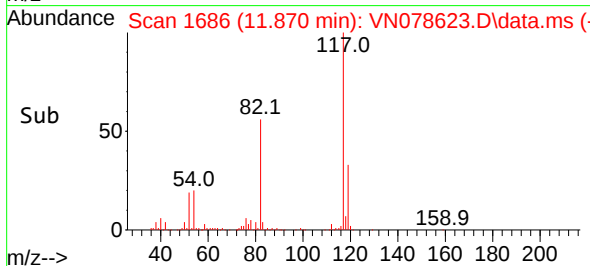
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion:117 Resp: 722652
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 33.1 25.6 38.4

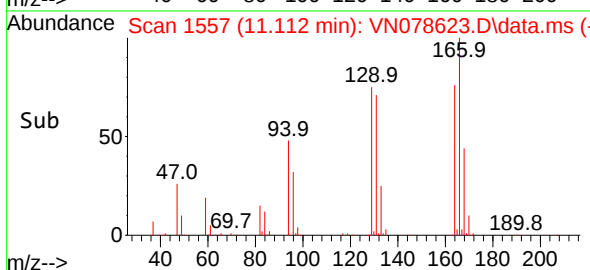
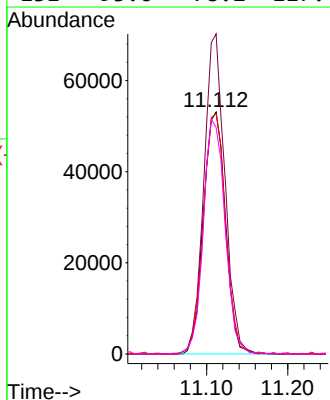
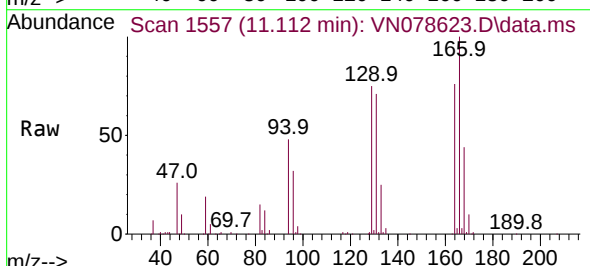
Manual Integrations
APPROVED

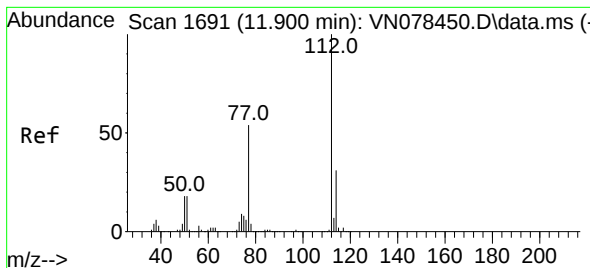
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 18.451 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

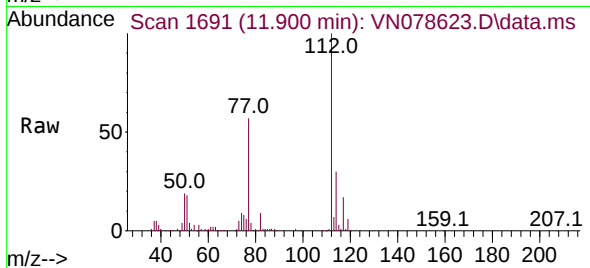
Tgt Ion:164 Resp: 100248
Ion Ratio Lower Upper
164 100
166 132.3 101.4 152.0
129 99.4 82.4 123.6
131 93.6 78.2 117.4





#65
Chlorobenzene
Concen: 19.523 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

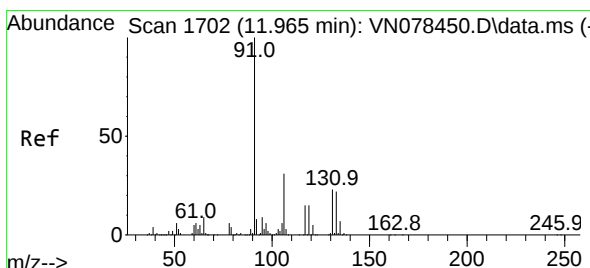
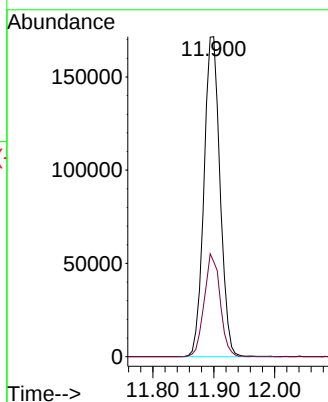
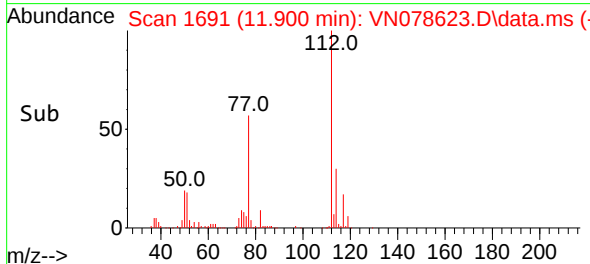
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



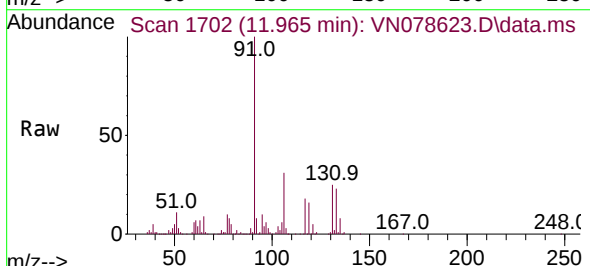
Tgt Ion:112 Resp: 315358
Ion Ratio Lower Upper
112 100
114 29.6 25.0 37.4

Manual Integrations
APPROVED

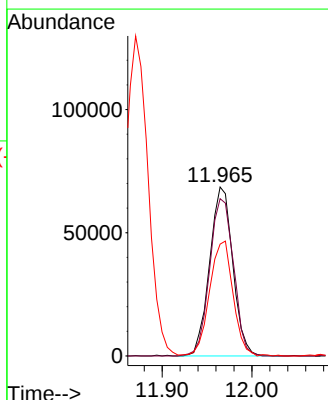
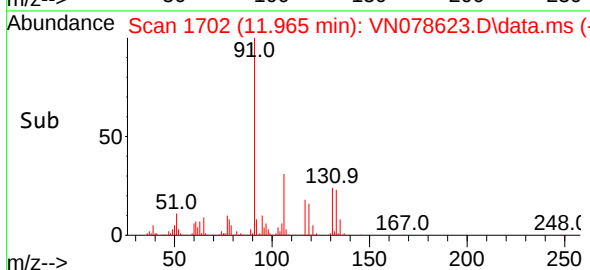
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

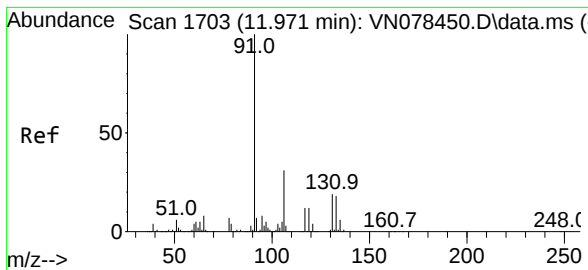


#66
1,1,1,2-Tetrachloroethane
Concen: 19.784 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



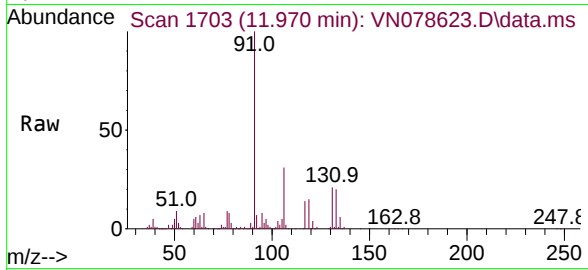
Tgt Ion:131 Resp: 122937
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 69.0 34.1 102.2





#67
Ethyl Benzene
Concen: 19.354 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

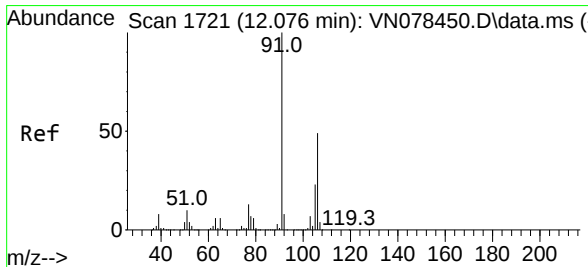
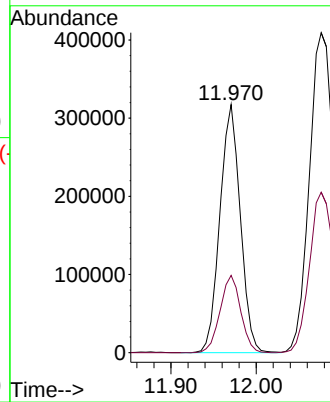
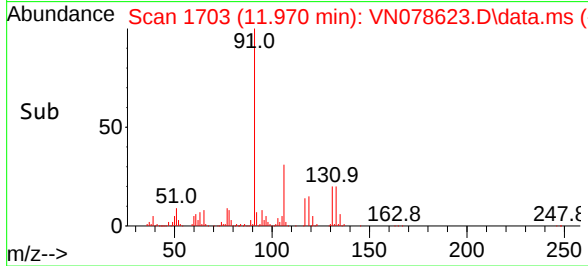
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



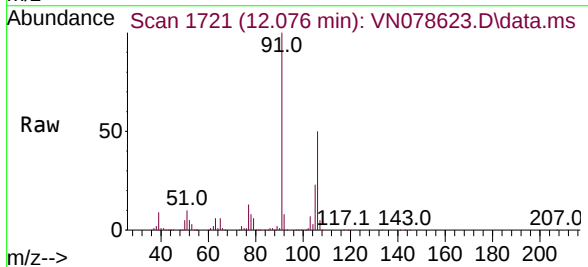
Tgt Ion: 91 Resp: 528449
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

Manual Integrations
APPROVED

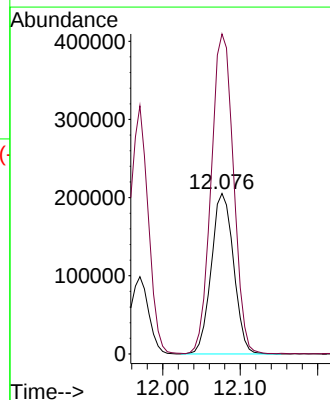
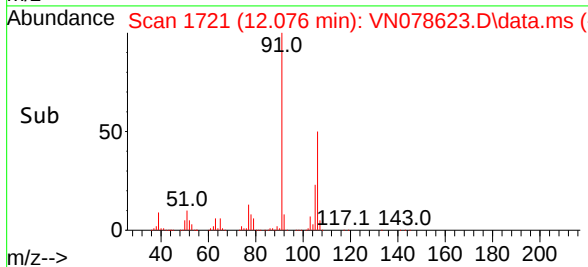
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

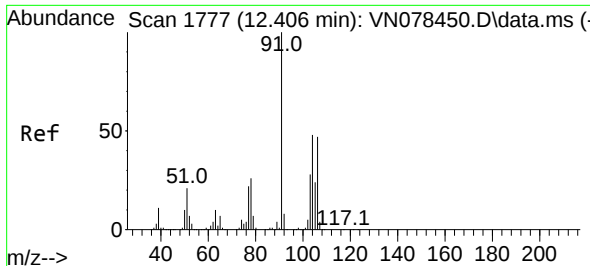


#68
m/p-Xylenes
Concen: 40.622 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



Tgt Ion:106 Resp: 410086
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4





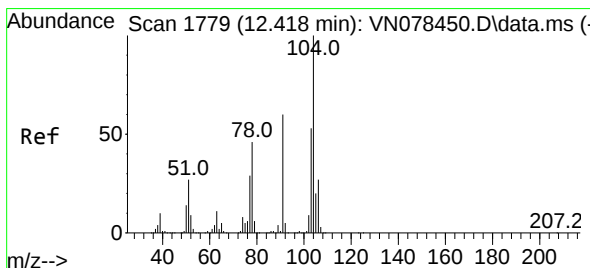
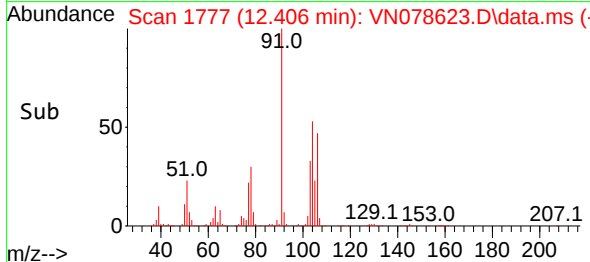
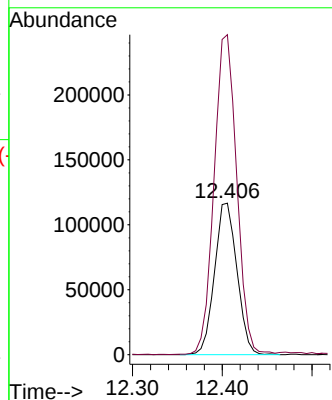
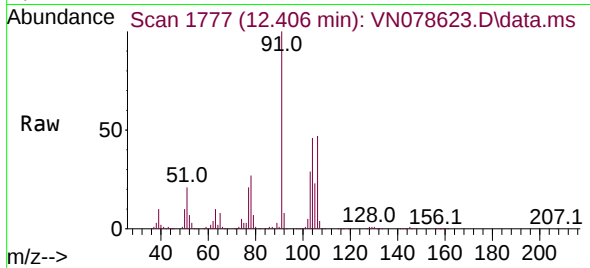
#69
o-Xylene
Concen: 19.846 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

Tgt Ion:106 Resp: 202360
Ion Ratio Lower Upper
106 100
91 213.1 105.2 315.5

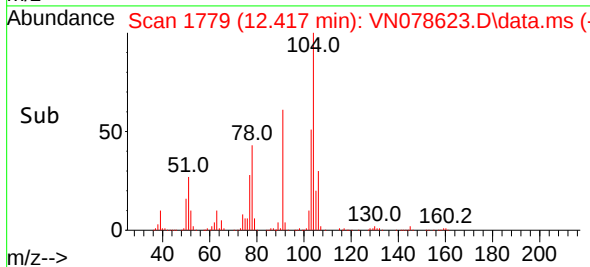
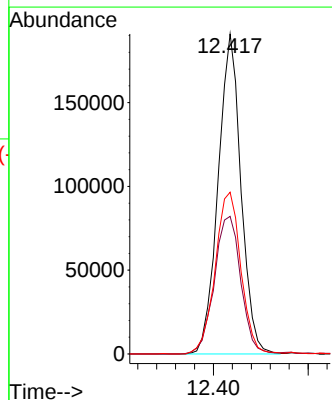
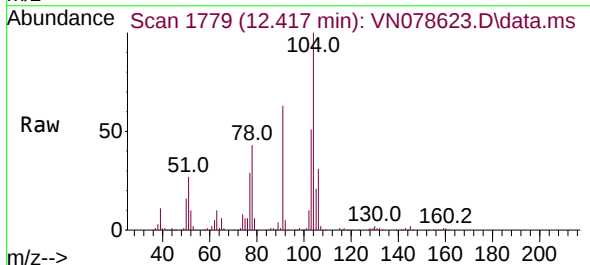
Manual Integrations
APPROVED

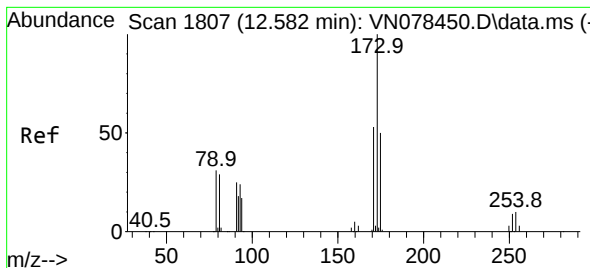
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 20.079 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion:104 Resp: 320296
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.8 43.2 64.8





#71

Bromoform

Concen: 19.734 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

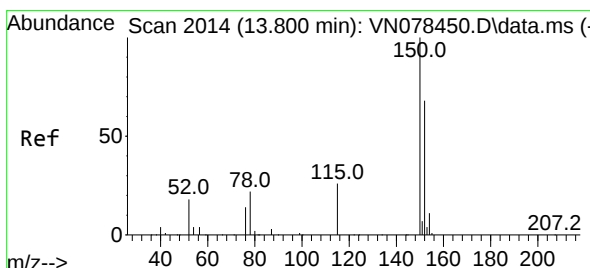
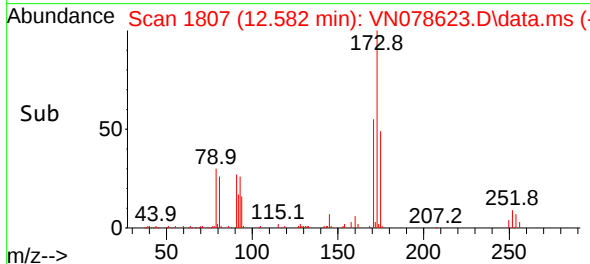
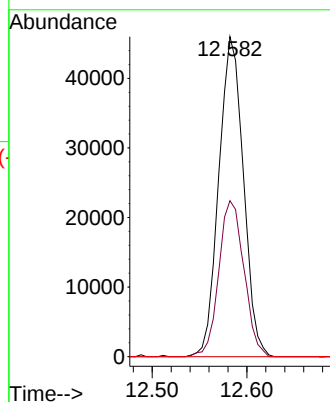
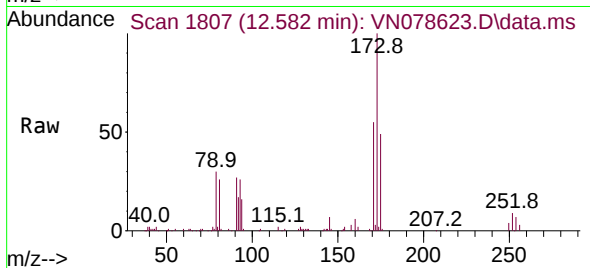
Tgt Ion:173 Resp: 83052
 Ion Ratio Lower Upper
 173 100
 175 49.9 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

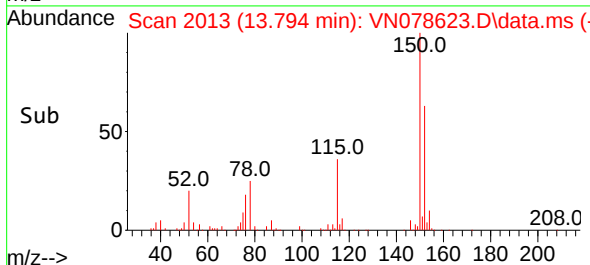
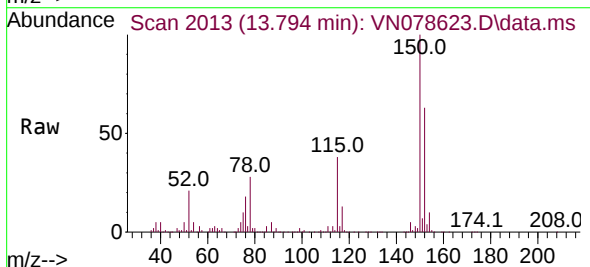
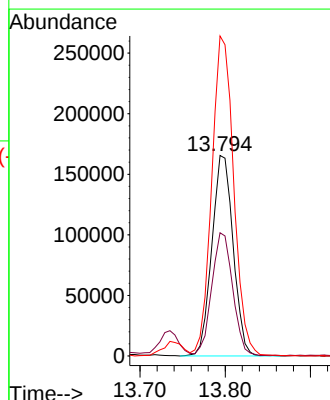
RT: 13.794 min Scan# 2013

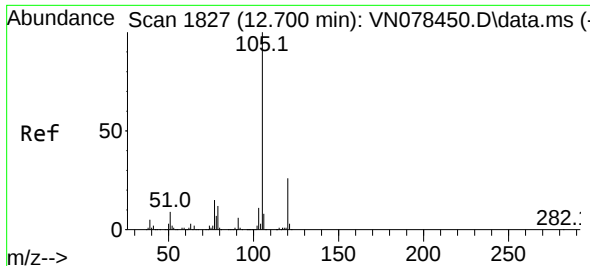
Delta R.T. -0.006 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

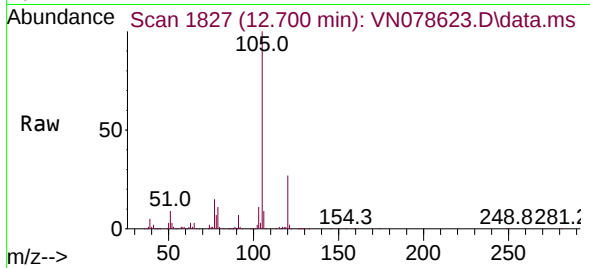
Tgt Ion:152 Resp: 288008
 Ion Ratio Lower Upper
 152 100
 115 60.2 32.3 96.8
 150 164.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.587 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

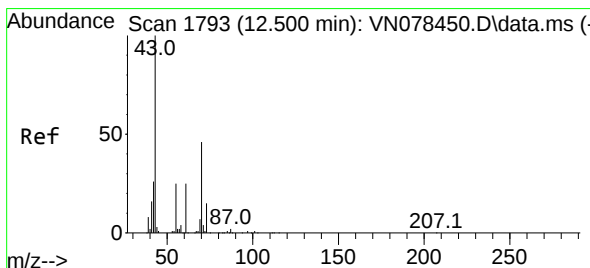
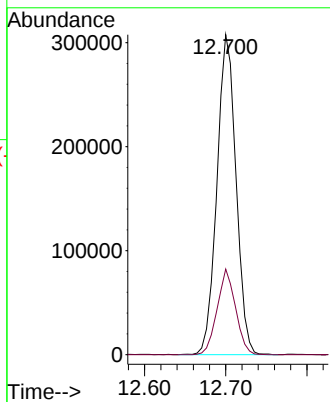
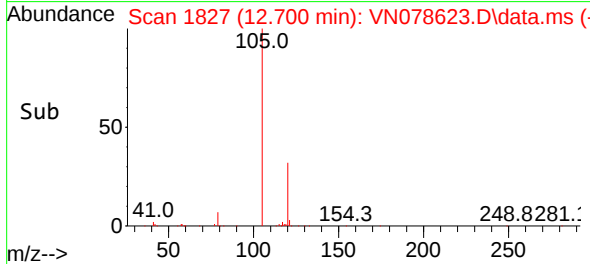
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion:105 Resp: 503000
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

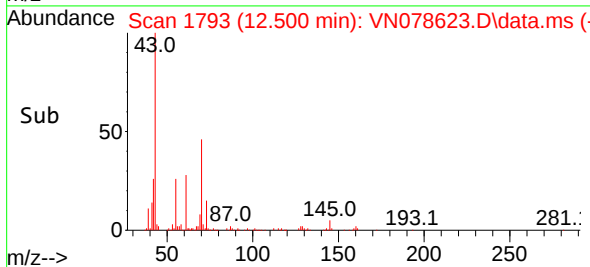
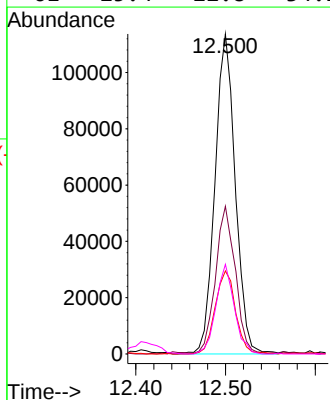
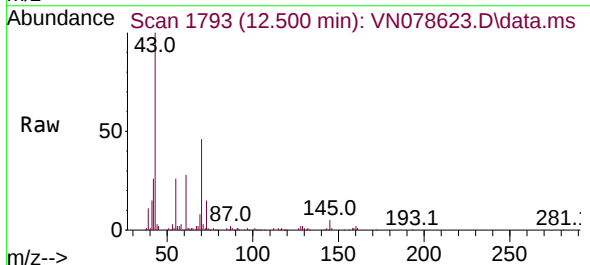
Manual Integrations
APPROVED

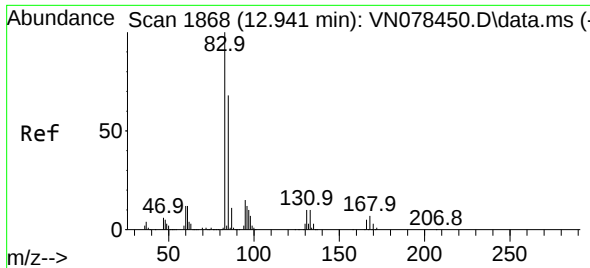
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#74
N-ethyl acetate
Concen: 19.161 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

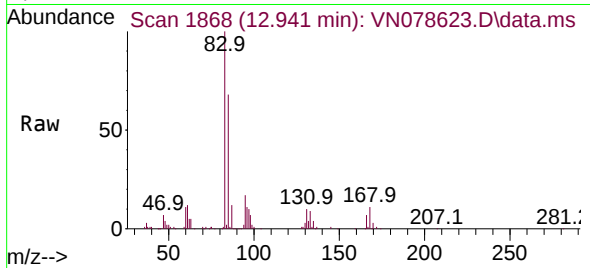
Tgt Ion: 43 Resp: 178696
Ion Ratio Lower Upper
43 100
70 44.5 43.4 65.2
55 26.2 21.4 32.0
61 25.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.896 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

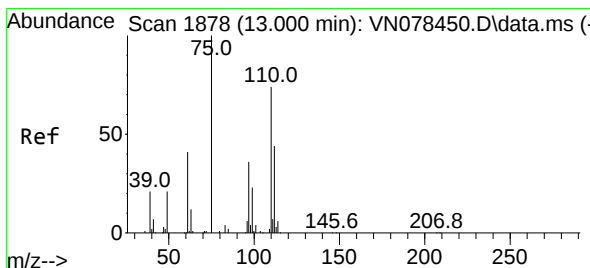
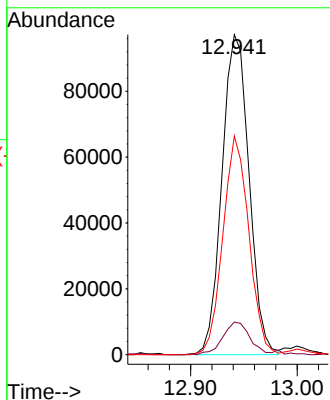
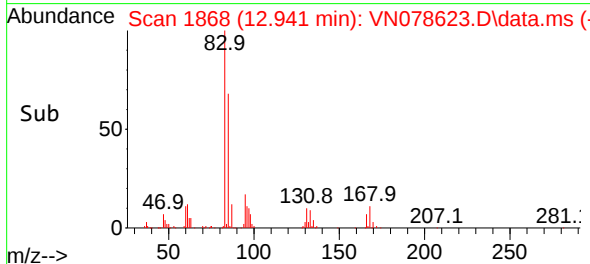
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



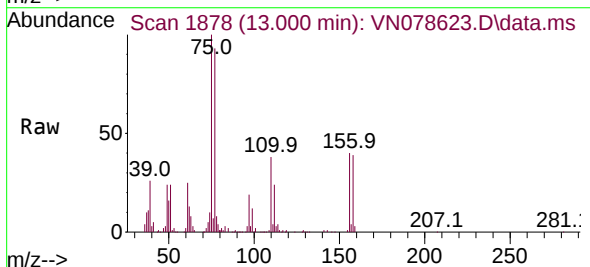
Tgt Ion: 83 Resp: 171570
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
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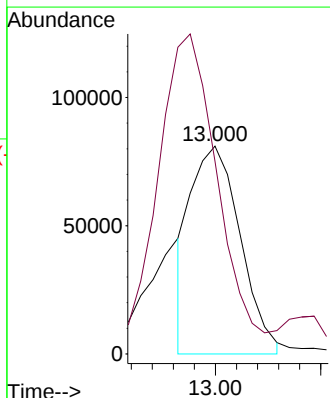
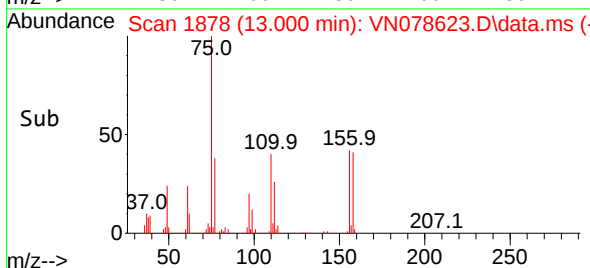
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

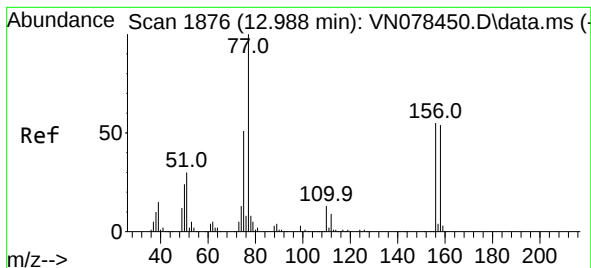


#76
1,2,3-Trichloropropane
Concen: 19.021 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



Tgt Ion: 75 Resp: 132418
Ion Ratio Lower Upper
75 100
77 187.6 84.5 253.5





#77

Bromobenzene

Concen: 19.393 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

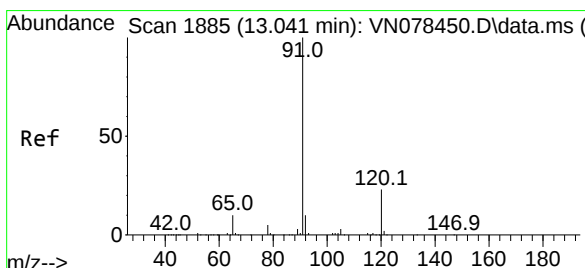
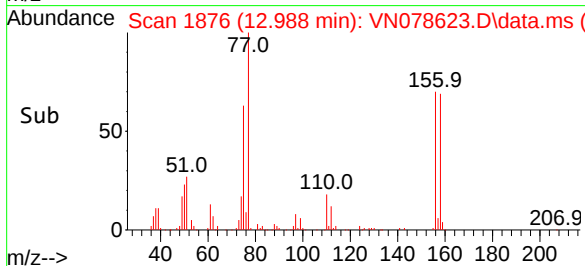
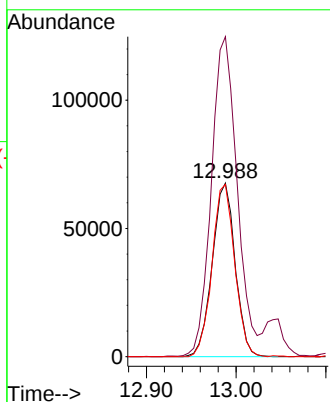
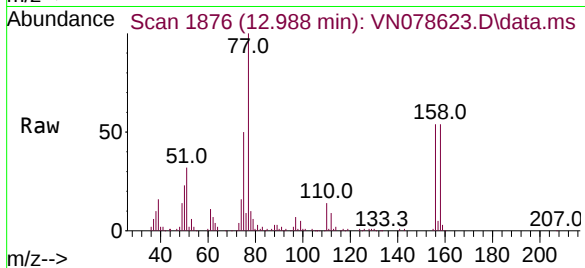
Tgt Ion:156 Resp: 119690
 Ion Ratio Lower Upper
 156 100
 77 207.5 107.7 323.3
 158 98.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 18.782 ug/l

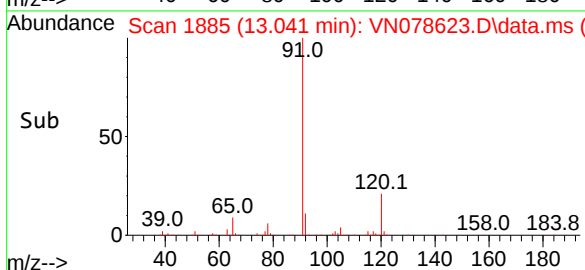
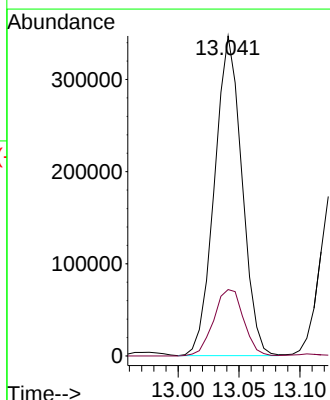
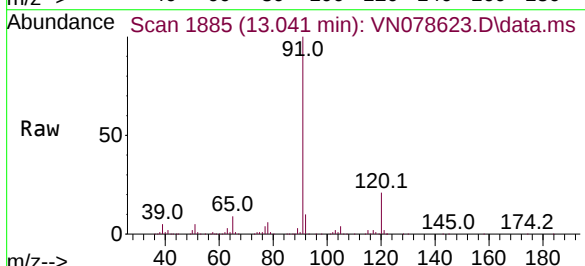
RT: 13.041 min Scan# 1885

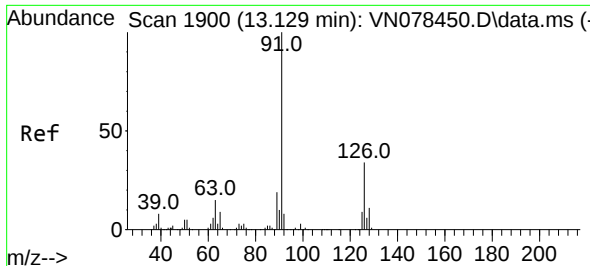
Delta R.T. -0.000 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Tgt Ion: 91 Resp: 543583
 Ion Ratio Lower Upper
 91 100
 120 22.6 11.5 34.4





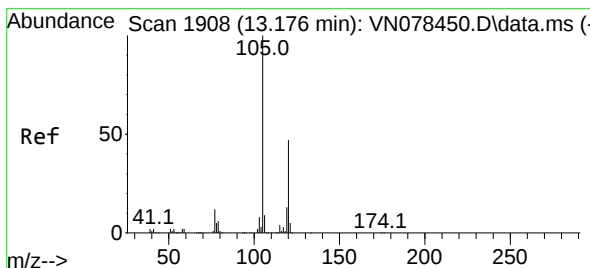
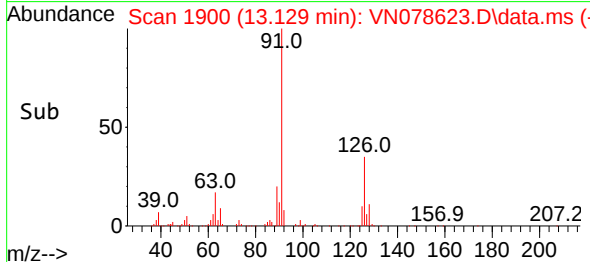
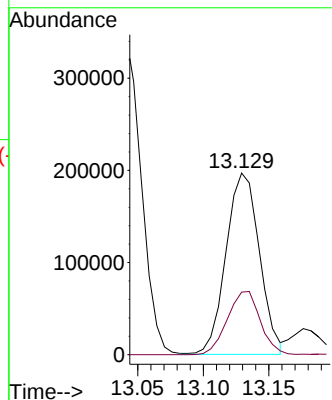
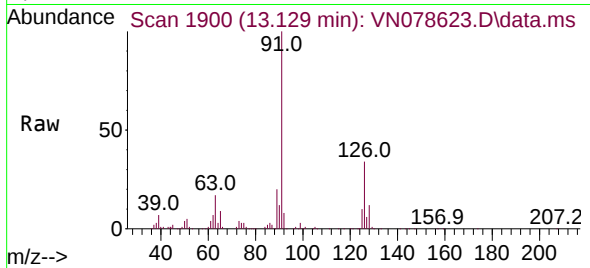
#79
2-Chlorotoluene
Concen: 18.398 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

Tgt Ion: 91 Resp: 348770
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

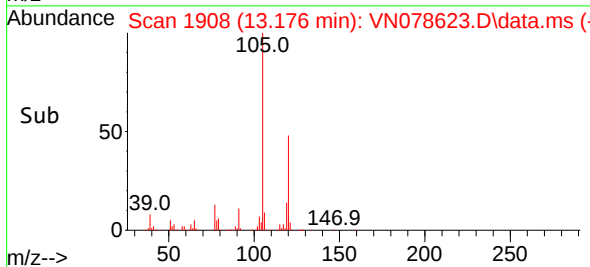
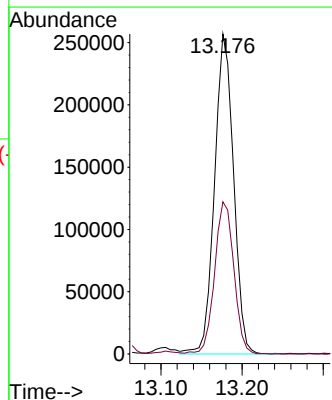
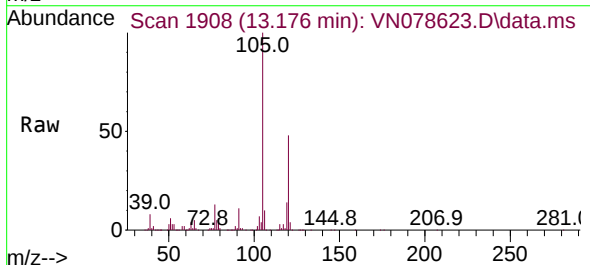
Manual Integrations
APPROVED

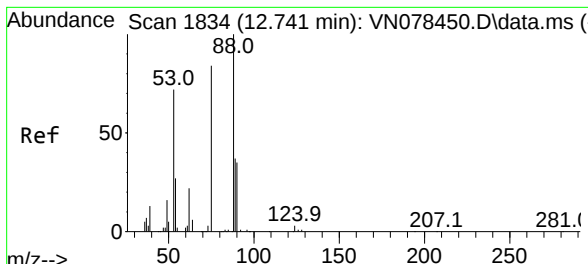
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.584 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

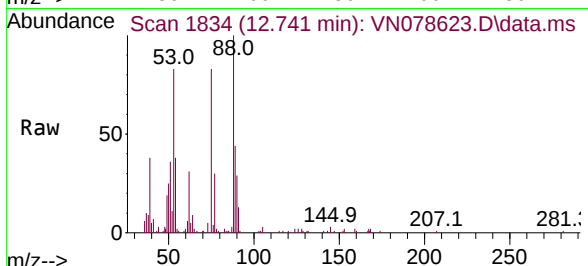
Tgt Ion:105 Resp: 418768
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.691 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

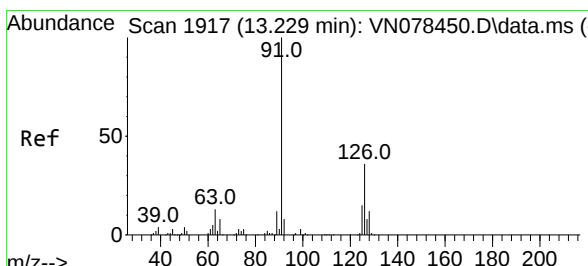
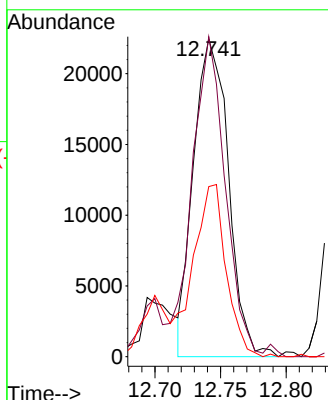
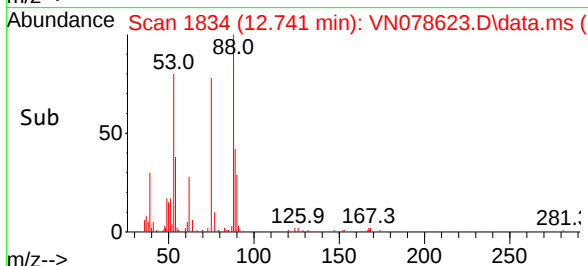
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion: 75 Resp: 4156
Ion Ratio Lower Upper
75 100
53 94.9 67.4 101.2
89 51.3 38.8 58.2

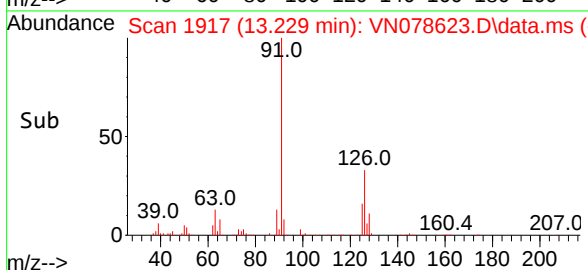
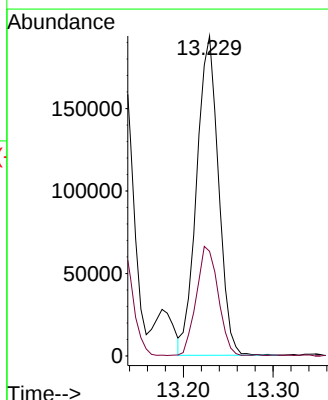
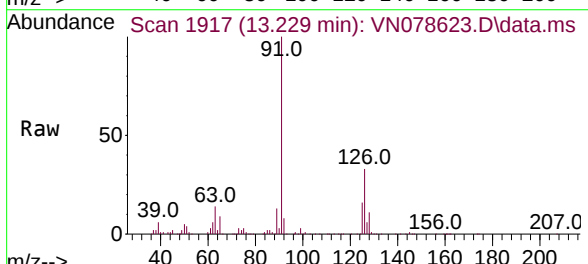
Manual Integrations
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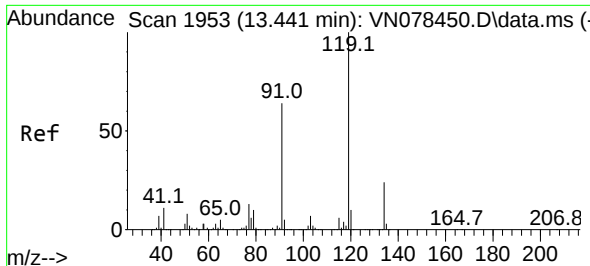
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 18.443 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

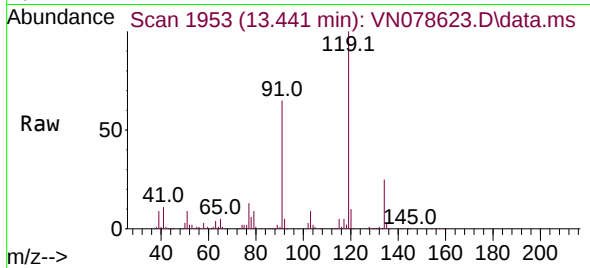
Tgt Ion: 91 Resp: 326166
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.833 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

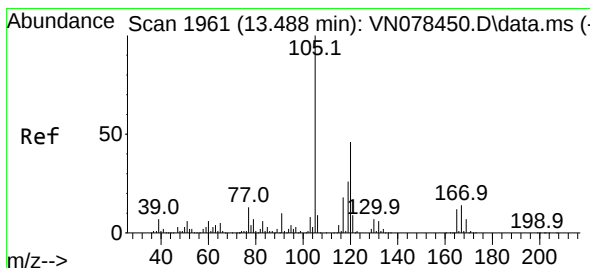
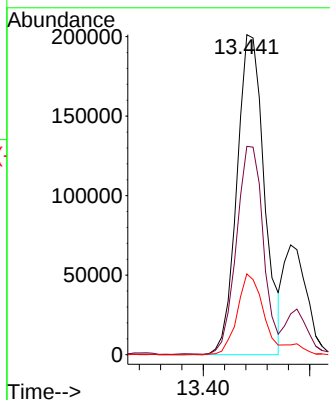
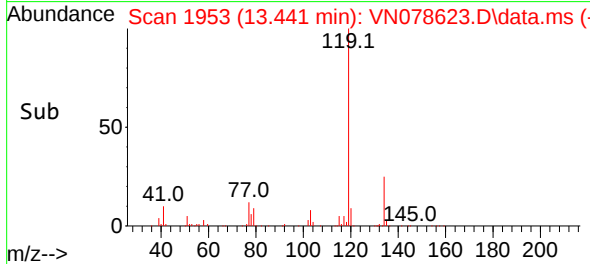
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



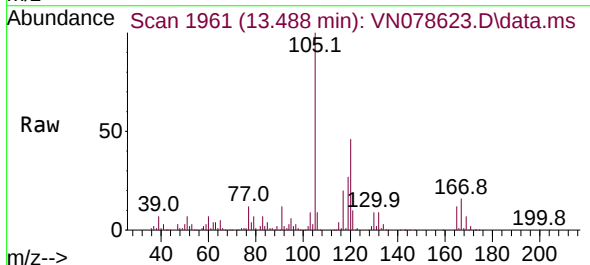
Tgt Ion:119 Resp: 360054
Ion Ratio Lower Upper
119 100
91 63.8 33.9 101.7
134 26.2 13.2 39.6

Manual Integrations
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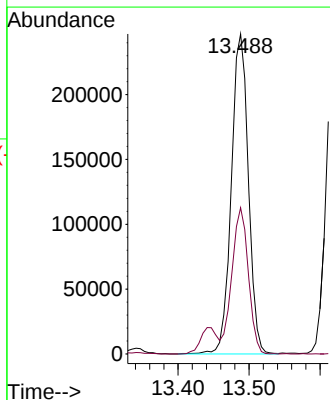
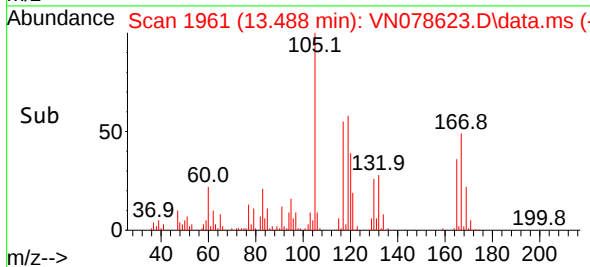
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

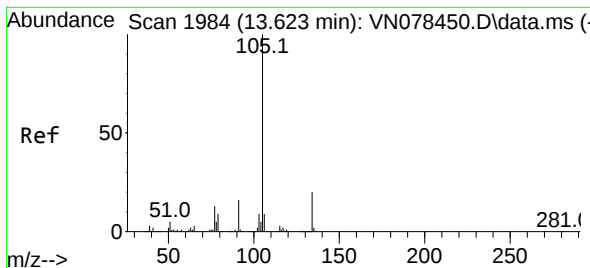


#84
1,2,4-Trimethylbenzene
Concen: 19.816 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



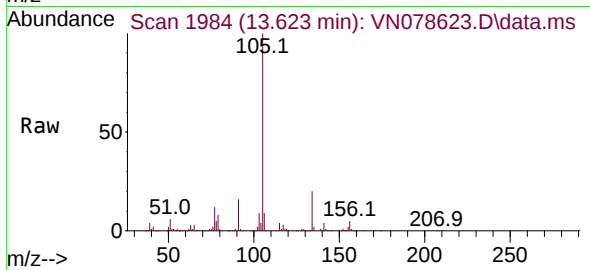
Tgt Ion:105 Resp: 411576
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.517 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078623.D
 Acq: 21 Jul 2023 19:02

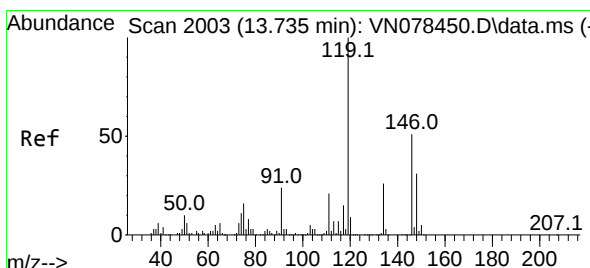
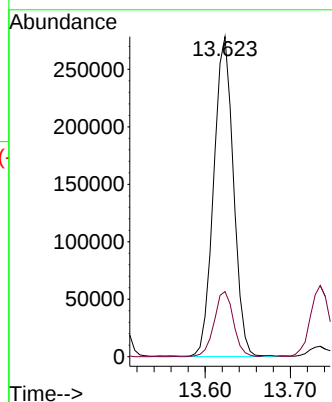
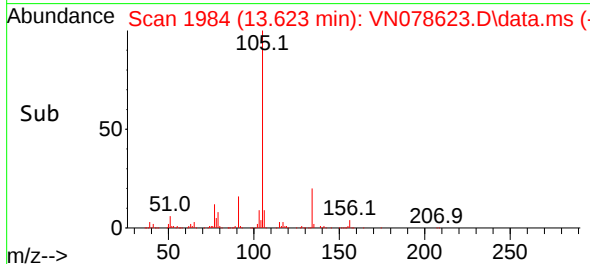
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01



Tgt Ion:105 Resp: 44785
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

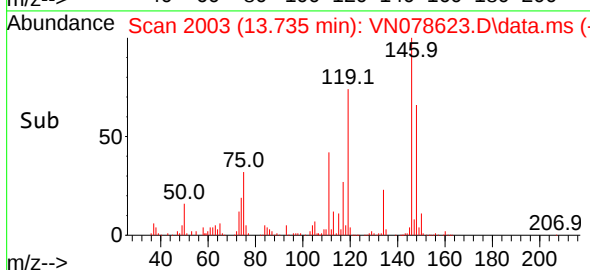
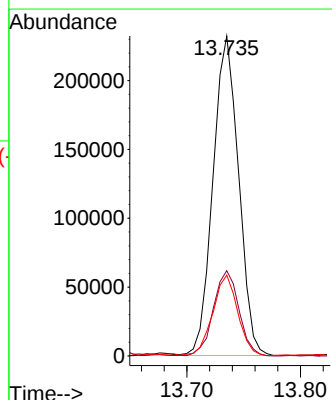
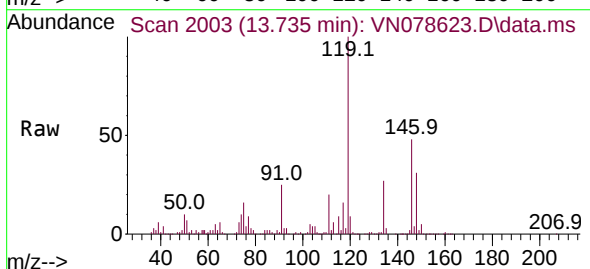
Manual Integrations
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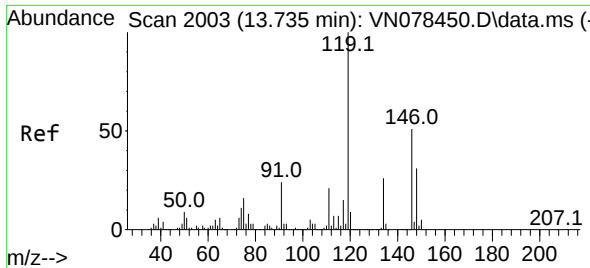
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 19.697 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078623.D
 Acq: 21 Jul 2023 19:02

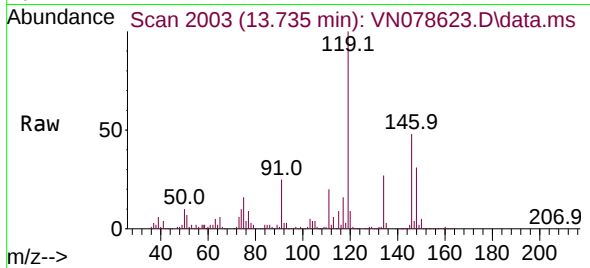
Tgt Ion:119 Resp: 362924
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.970 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

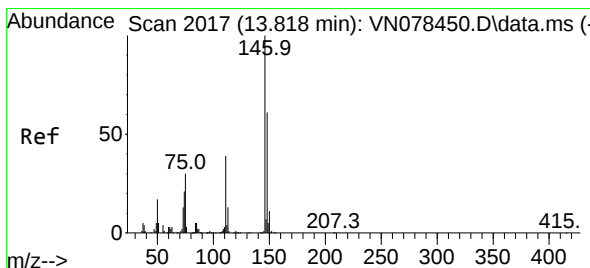
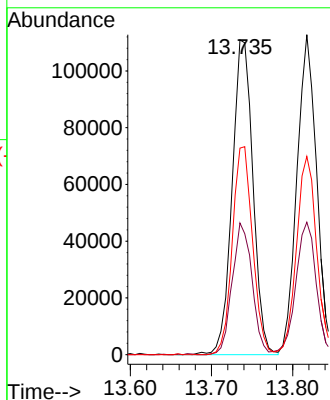
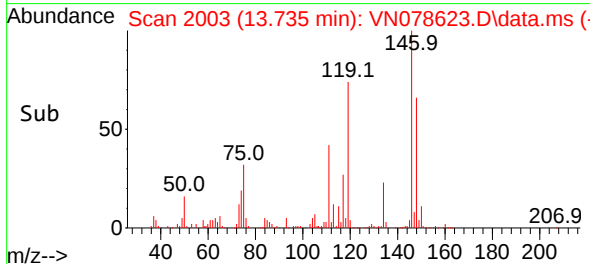
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



Tgt Ion:146 Resp: 197079
Ion Ratio Lower Upper
146 100
111 40.1 22.1 66.3
148 64.3 32.0 96.0

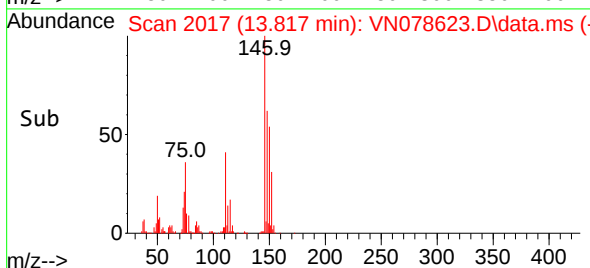
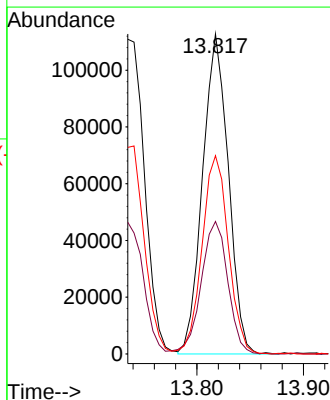
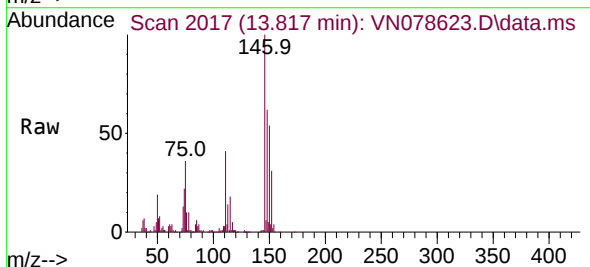
Manual Integrations
APPROVED

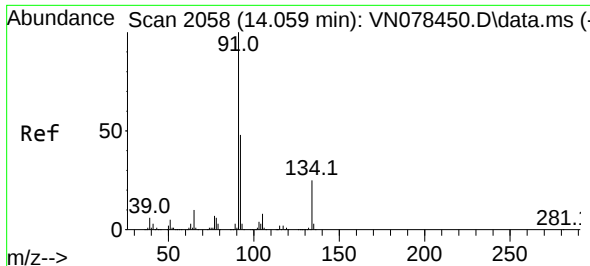
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#88
1,4-Dichlorobenzene
Concen: 18.101 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion:146 Resp: 189420
Ion Ratio Lower Upper
146 100
111 42.8 20.6 61.8
148 63.5 31.6 94.8





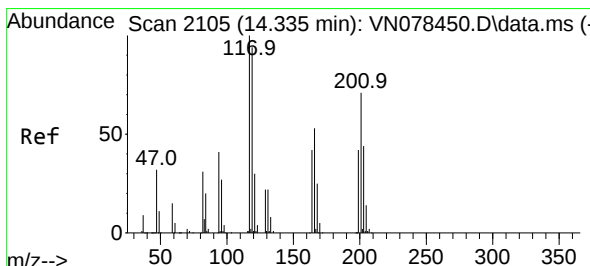
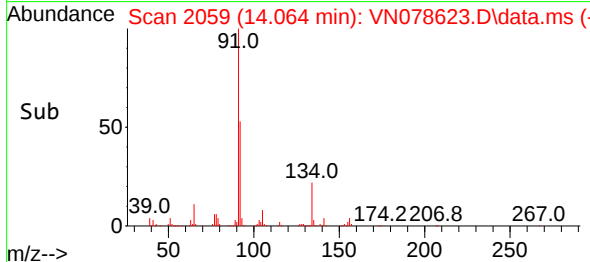
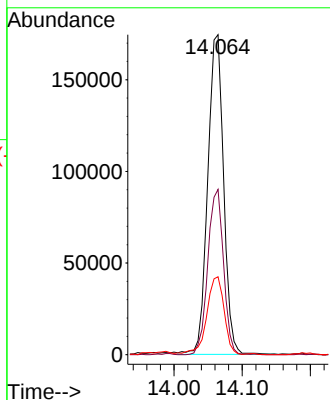
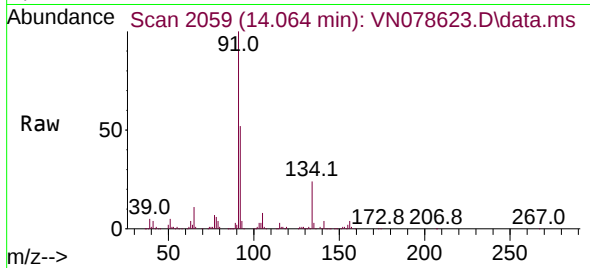
#89
n-Butylbenzene
Concen: 21.458 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

Tgt Ion: 91 Resp: 282892
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 26.3 12.6 37.6

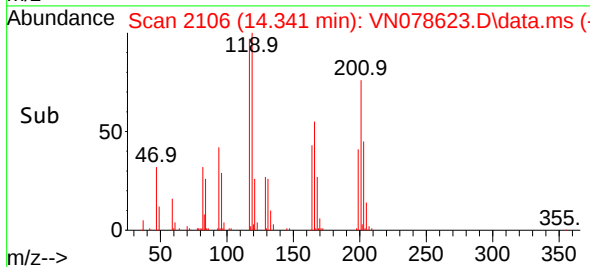
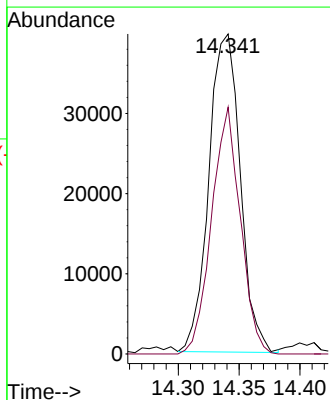
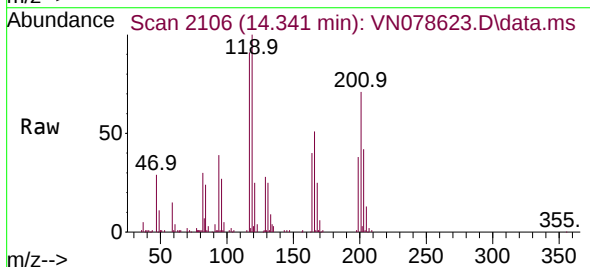
Manual Integrations
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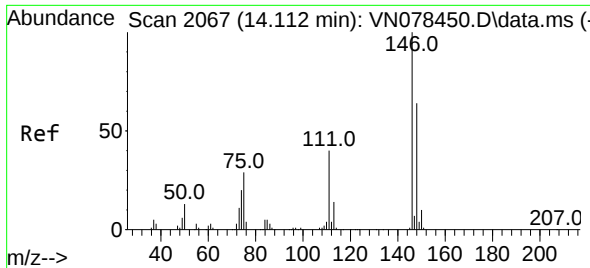
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 20.577 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion:117 Resp: 71310
Ion Ratio Lower Upper
117 100
201 70.8 29.3 88.0





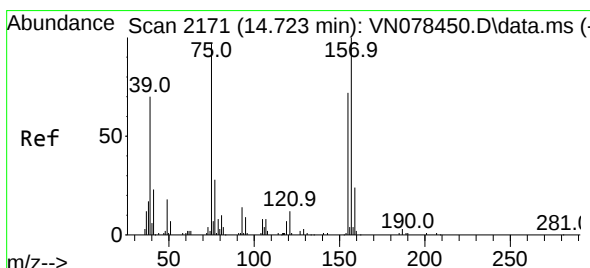
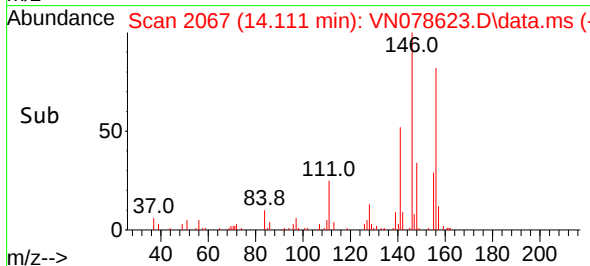
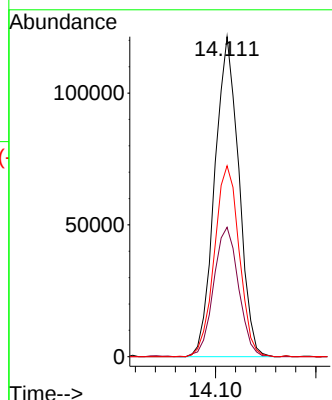
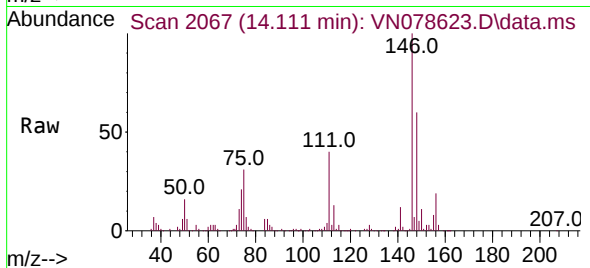
#91
1,2-Dichlorobenzene
Concen: 19.544 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

Tgt Ion:146 Resp: 20206
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 61.4 31.8 95.3

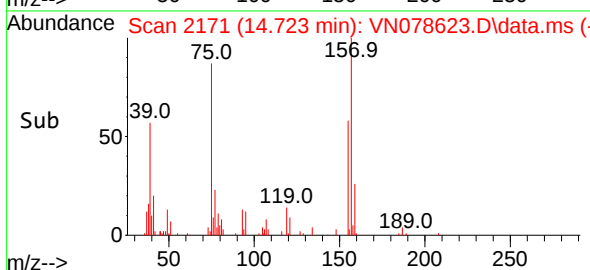
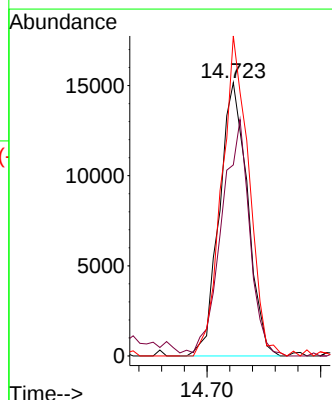
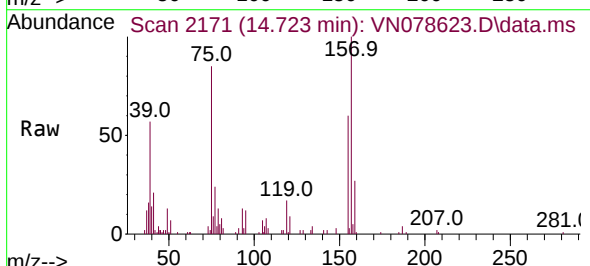
Manual Integrations
APPROVED

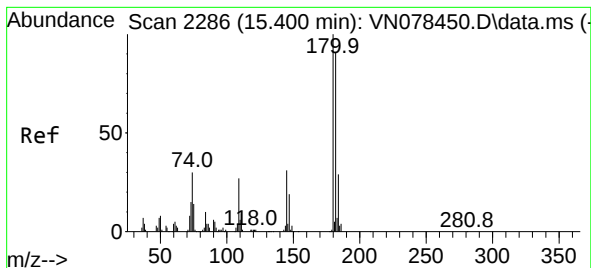
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.009 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

Tgt Ion: 75 Resp: 26169
Ion Ratio Lower Upper
75 100
155 86.2 39.1 117.2
157 112.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.467 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

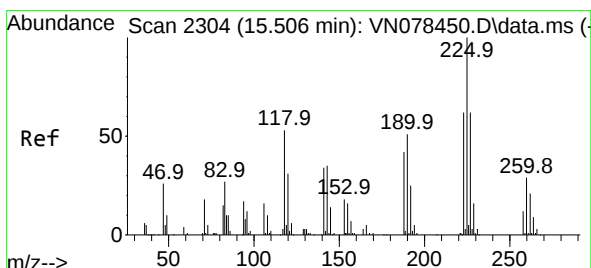
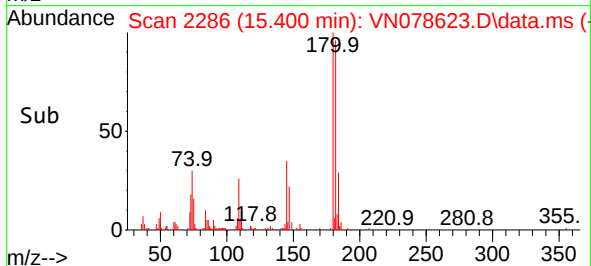
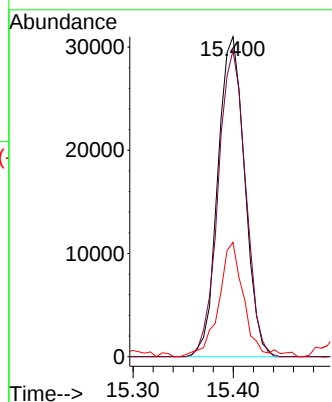
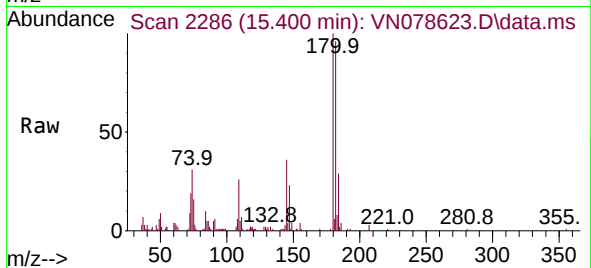
Tgt Ion:180 Resp: 5763
 Ion Ratio Lower Upper
 180 100
 182 97.7 46.1 138.2
 145 32.6 16.6 49.8

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#94

Hexachlorobutadiene

Concen: 20.727 ug/l

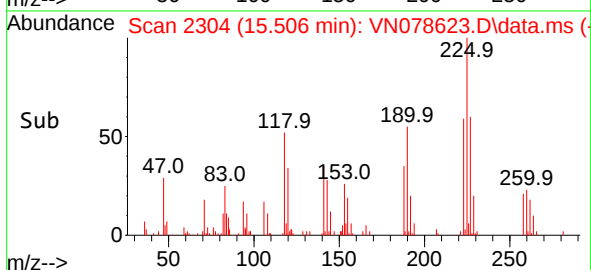
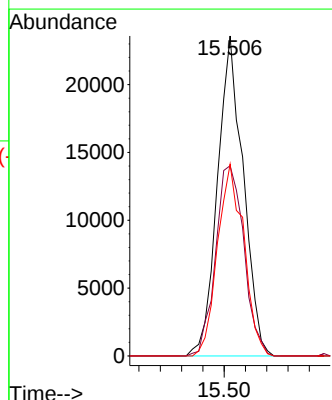
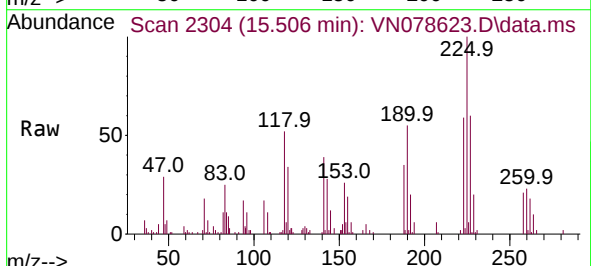
RT: 15.506 min Scan# 2304

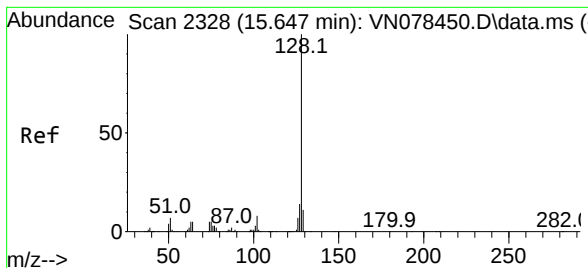
Delta R.T. -0.000 min

Lab File: VN078623.D

Acq: 21 Jul 2023 19:02

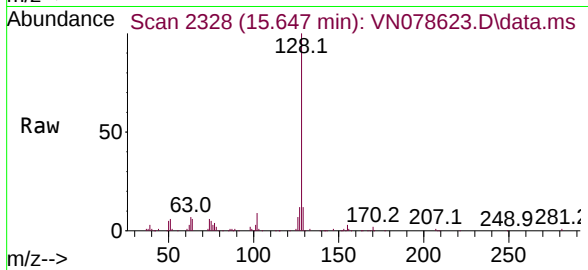
Tgt Ion:225 Resp: 39518
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.3 93.8
 227 61.2 31.9 95.9





#95
Naphthalene
Concen: 16.288 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02

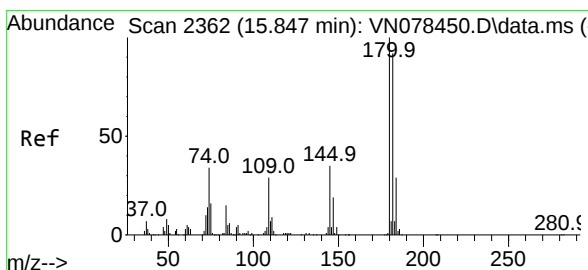
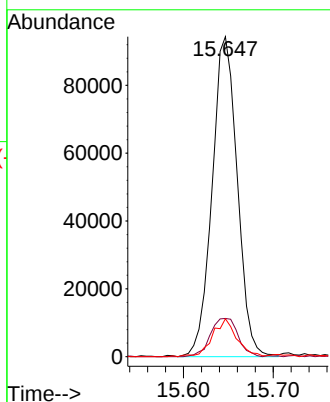
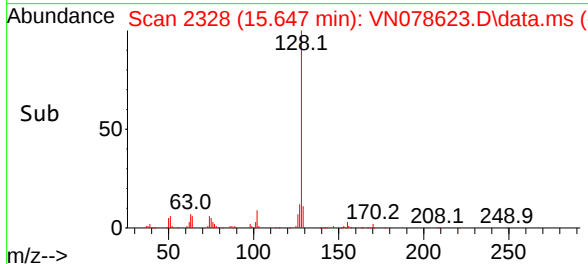
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01



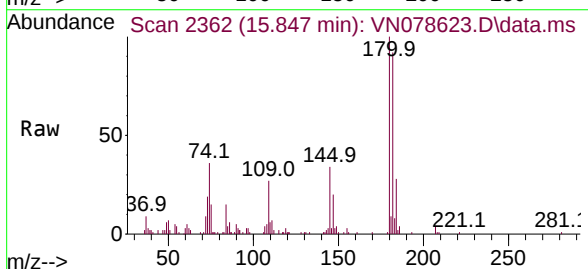
Tgt Ion:128 Resp: 183744
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.969 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078623.D
Acq: 21 Jul 2023 19:02



Tgt Ion:180 Resp: 68176
Ion Ratio Lower Upper
180 100
182 96.5 46.2 138.6
145 36.9 17.5 52.6

