

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078273.D
 Acq On : 19 Jun 2023 12:25
 Operator : JC\MD
 Sample : VN0619WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 19 16:02:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	364302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	558083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	231534	47.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.340%		
35) Dibromofluoromethane	8.177	113	193117	46.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.360%		
50) Toluene-d8	10.571	98	724921	45.450	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.900%		
62) 4-Bromofluorobenzene	12.853	95	220359	44.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71225	17.296	ug/l	100
3) Chloromethane	2.371	50	75556	18.348	ug/l	99
4) Vinyl Chloride	2.524	62	101510	18.825	ug/l	91
5) Bromomethane	2.965	94	87752	21.533	ug/l	97
6) Chloroethane	3.130	64	82212	22.365	ug/l	96
7) Trichlorofluoromethane	3.506	101	139382	19.061	ug/l	100
8) Diethyl Ether	3.971	74	47269	18.397	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	77006	19.954	ug/l	99
10) Methyl Iodide	4.601	142	97145	17.800	ug/l	99
11) Tert butyl alcohol	5.542	59	63031	93.980	ug/l	98
12) 1,1-Dichloroethene	4.348	96	70030	17.604	ug/l	91
13) Acrolein	4.189	56	71755	97.073	ug/l	95
14) Allyl chloride	5.036	41	104393	21.497	ug/l	95
15) Acrylonitrile	5.730	53	182195	105.368	ug/l	98
16) Acetone	4.442	43	151807	108.581	ug/l	94
17) Carbon Disulfide	4.718	76	168466	16.452	ug/l	99
18) Methyl Acetate	5.048	43	132177	20.535	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	251054	19.779	ug/l	95
20) Methylene Chloride	5.289	84	87974	19.042	ug/l #	88
21) trans-1,2-Dichloroethene	5.800	96	77788	18.129	ug/l	85
22) Diisopropyl ether	6.683	45	237321	20.776	ug/l	96
23) Vinyl Acetate	6.612	43	696578	102.585	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	153190	20.329	ug/l	96
25) 2-Butanone	7.494	43	225922	105.081	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	131256	23.591	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	94707	18.505	ug/l	93
28) Bromochloromethane	7.824	49	76820	22.204	ug/l	88
29) Tetrahydrofuran	7.847	42	143337	99.729	ug/l #	84
30) Chloroform	7.971	83	168967	20.823	ug/l	91
31) Cyclohexane	8.265	56	119342	19.154	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	146156	20.517	ug/l	98
36) 1,1-Dichloropropene	8.377	75	114694	19.327	ug/l	97
37) Ethyl Acetate	7.571	43	98268	21.197	ug/l	97
38) Carbon Tetrachloride	8.371	117	125899	20.092	ug/l	99
39) Methylcyclohexane	9.606	83	104976	17.069	ug/l	88
40) Benzene	8.612	78	353420	19.948	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	55807	22.209	ug/l	88
42) 1,2-Dichloroethane	8.677	62	125857	20.719	ug/l	97
43) Isopropyl Acetate	8.694	43	175903	19.840	ug/l #	91
44) Trichloroethene	9.359	130	84778	18.119	ug/l	100
45) 1,2-Dichloropropane	9.624	63	91827	20.832	ug/l	99
46) Dibromomethane	9.718	93	64623	19.904	ug/l	96
47) Bromodichloromethane	9.894	83	129502	21.473	ug/l	95
48) Methyl methacrylate	9.688	41	73949	19.875	ug/l	91
49) 1,4-Dioxane	9.700	88	30185	385.990	ug/l #	95
51) 4-Methyl-2-Pentanone	10.453	43	498451	106.762	ug/l	92
52) Toluene	10.635	92	220661	19.727	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	132697	21.127	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	144651	20.834	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	91218	21.557	ug/l	95
56) Ethyl methacrylate	10.877	69	122998	19.963	ug/l	93
57) 1,3-Dichloropropane	11.171	76	151625	21.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	214841	86.315	ug/l	92
59) 2-Hexanone	11.200	43	343395	105.632	ug/l	90
60) Dibromochloromethane	11.365	129	95260	20.573	ug/l	99
61) 1,2-Dibromoethane	11.477	107	86991	19.590	ug/l	98
64) Tetrachloroethene	11.112	164	68906	18.507	ug/l	97
65) Chlorobenzene	11.900	112	237154	19.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	91531	20.822	ug/l	96
67) Ethyl Benzene	11.971	91	399623	19.378	ug/l	100
68) m/p-Xylenes	12.076	106	299788	38.145	ug/l	95
69) o-Xylene	12.406	106	147829	19.154	ug/l	93
70) Styrene	12.418	104	236481	19.463	ug/l	98
71) Bromoform	12.582	173	58956	20.782	ug/l #	100
73) Isopropylbenzene	12.700	105	377495	19.066	ug/l	100
74) N-amyl acetate	12.500	43	121535	18.640	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	131338	22.786	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	102311m	20.670	ug/l	
77) Bromobenzene	12.982	156	86161	18.746	ug/l	98
78) n-propylbenzene	13.041	91	413195	19.208	ug/l	99
79) 2-Chlorotoluene	13.129	91	265652	19.131	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	311893	19.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	38062	23.625	ug/l #	91
82) 4-Chlorotoluene	13.223	91	249249	19.233	ug/l	99
83) tert-Butylbenzene	13.447	119	245234	17.599	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	304064	19.565	ug/l	99
85) sec-Butylbenzene	13.623	105	326600	17.907	ug/l	100
86) p-Isopropyltoluene	13.735	119	258845	17.489	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	139894	17.994	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	137619	18.344	ug/l	99
89) n-Butylbenzene	14.059	91	190055	16.280	ug/l	97
90) Hexachloroethane	14.335	117	51868	19.748	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	144155	18.972	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21265	21.683	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	39080	14.435	ug/l	99
94) Hexachlorobutadiene	15.506	225	24262	16.488	ug/l	99
95) Naphthalene	15.647	128	123797	13.594	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	45954	15.177	ug/l	96

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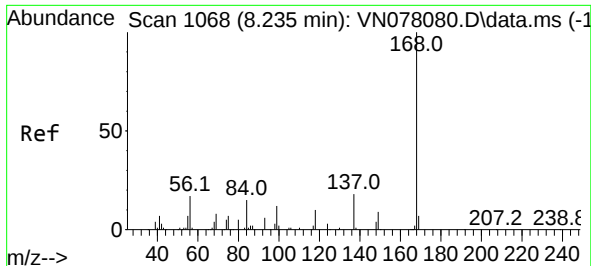
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

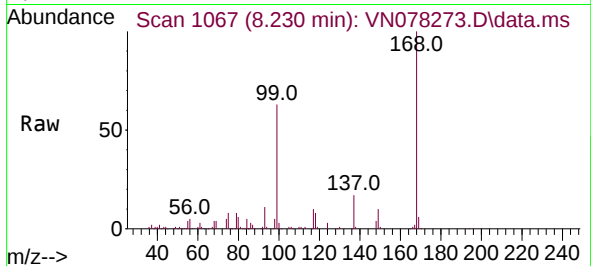
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078273.D
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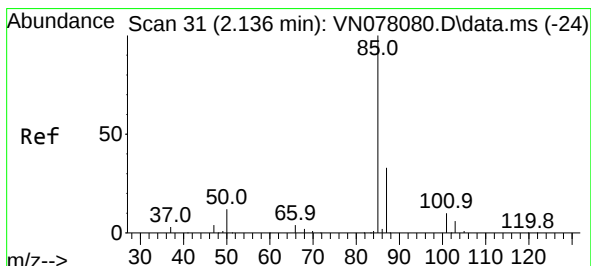
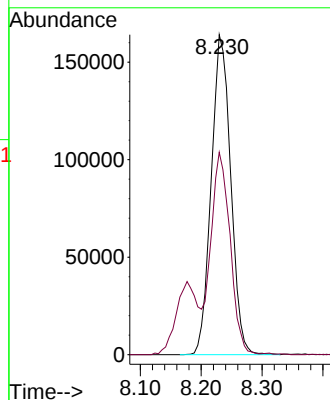
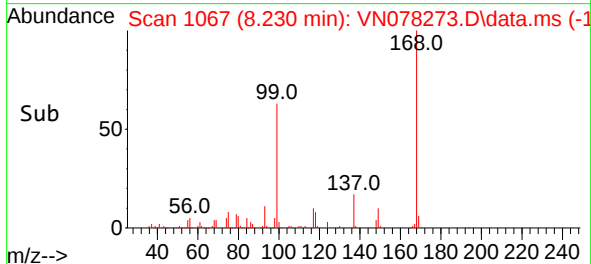
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:168 Resp: 36430
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6

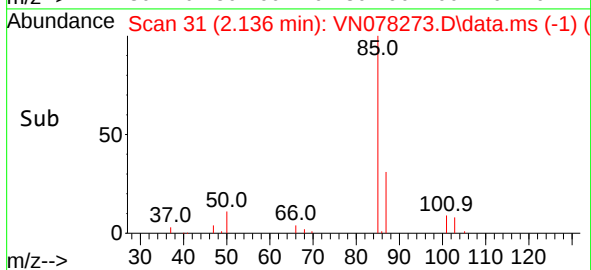
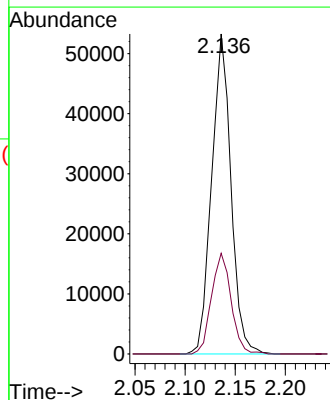
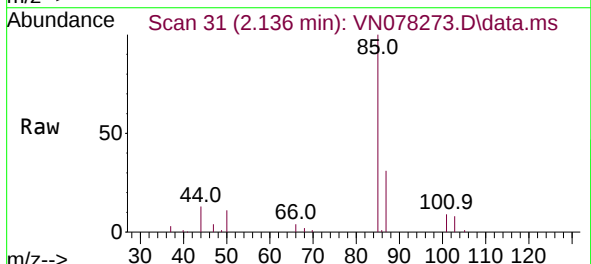
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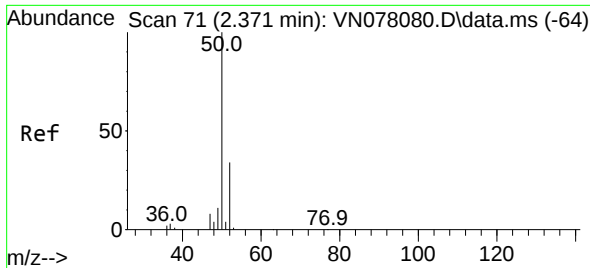
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 17.296 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

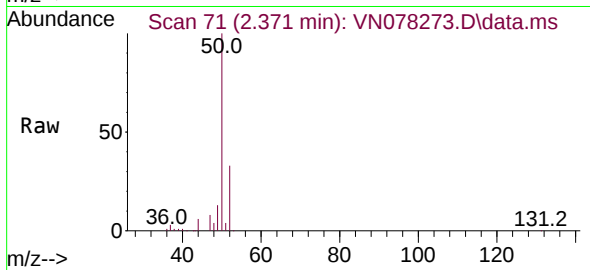
Tgt Ion: 85 Resp: 71225
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 18.348 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

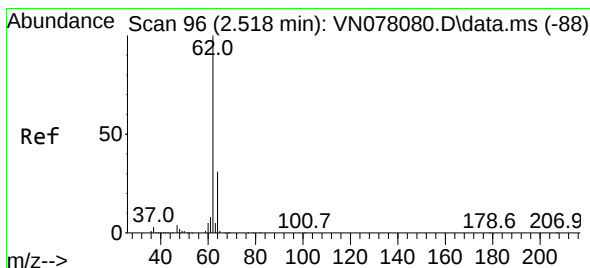
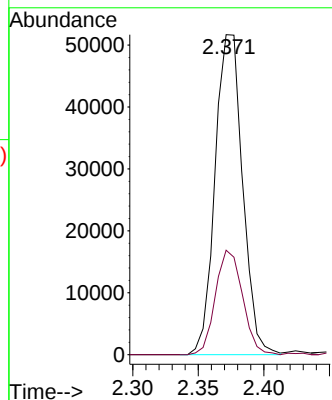
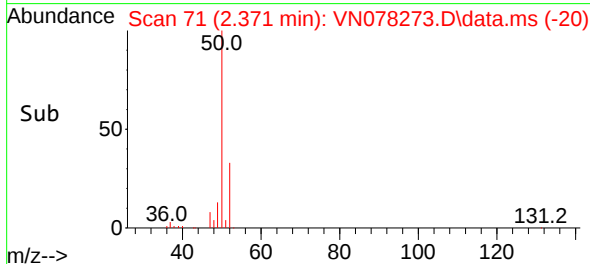
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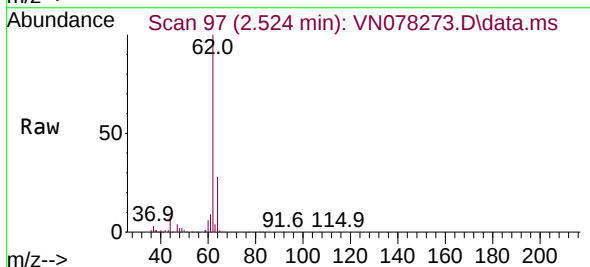
Tgt Ion: 50 Resp: 75550
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

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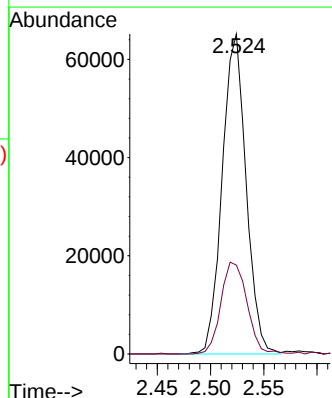
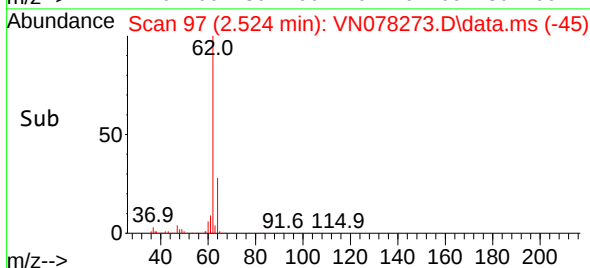
Reviewed By :John Carlone 06/19/2023
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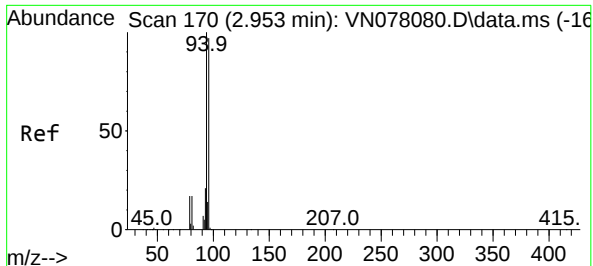


#4
Vinyl Chloride
Concen: 18.825 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



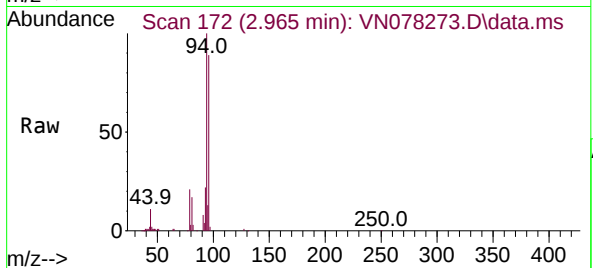
Tgt Ion: 62 Resp: 101510
Ion Ratio Lower Upper
62 100
64 27.7 26.2 39.2





#5
Bromomethane
Concen: 21.533 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

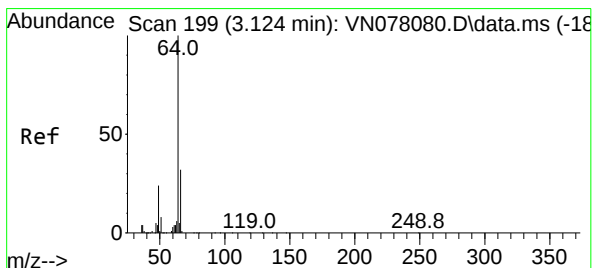
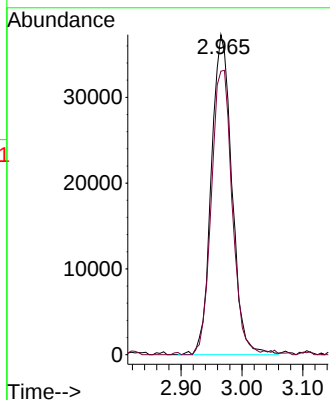
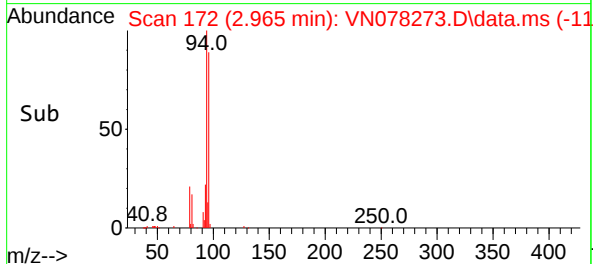
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Tgt Ion: 94 Resp: 87752
Ion Ratio Lower Upper
94 100
96 88.2 73.1 109.7

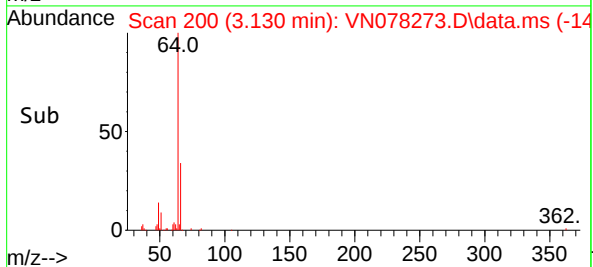
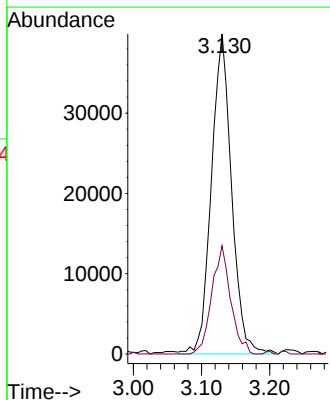
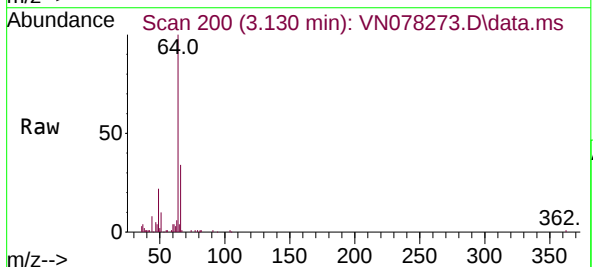
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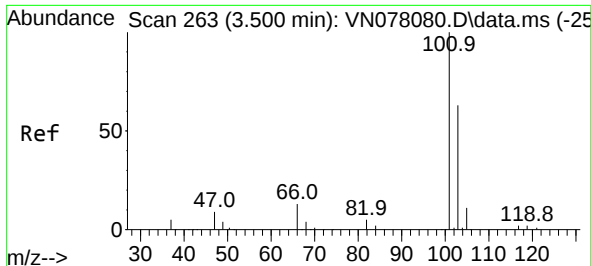
Reviewed By :John Carlone 06/19/2023
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#6
Chloroethane
Concen: 22.365 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078273.D
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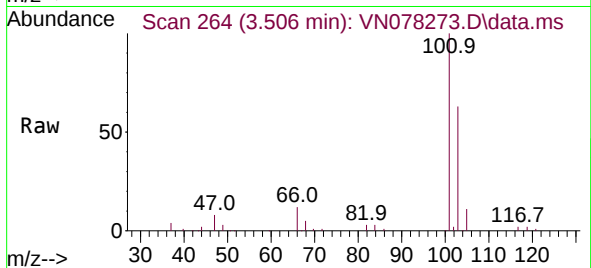
Tgt Ion: 64 Resp: 82212
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.061 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

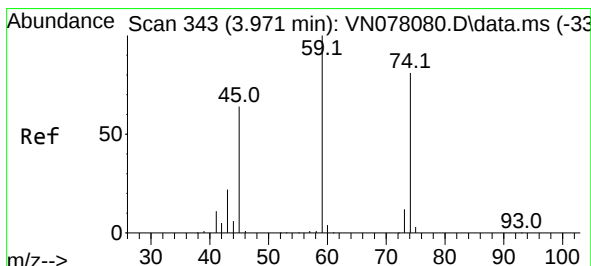
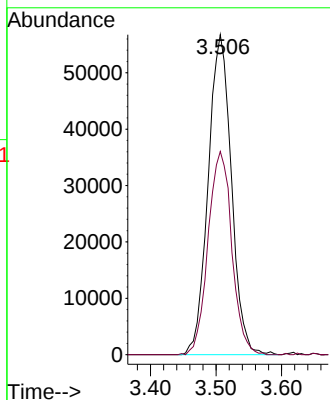
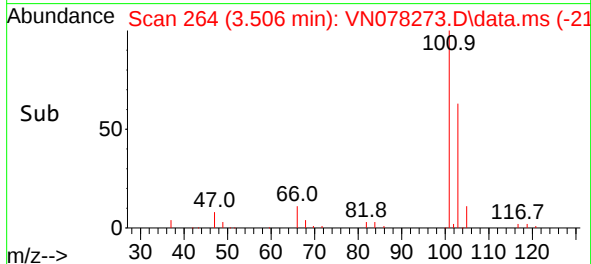
Instrument :
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Tgt Ion:101 Resp: 13938
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1

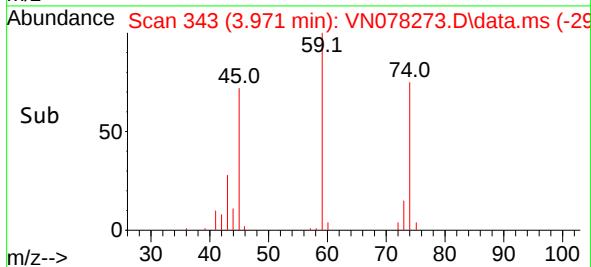
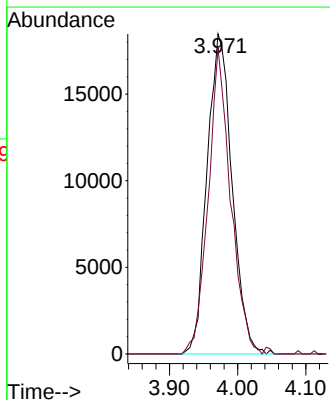
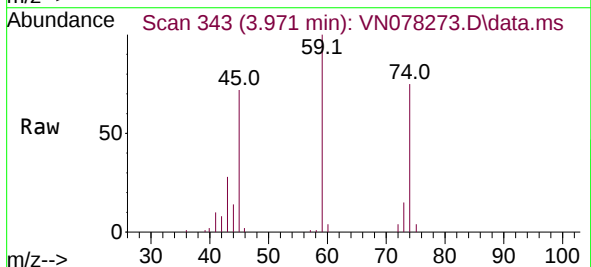
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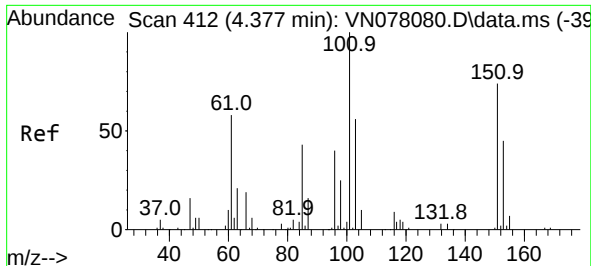
Reviewed By :John Carlone 06/19/2023
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#8
Diethyl Ether
Concen: 18.397 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 47269
Ion Ratio Lower Upper
74 100
45 85.4 34.4 103.3





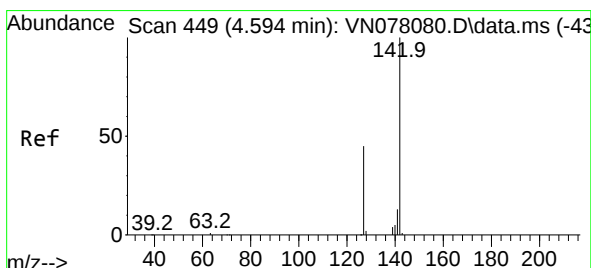
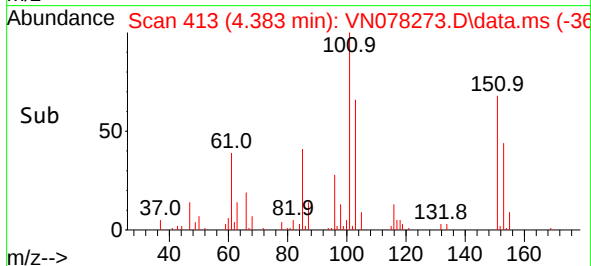
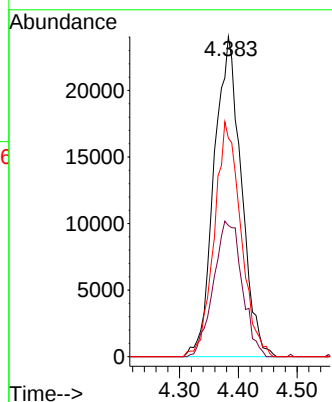
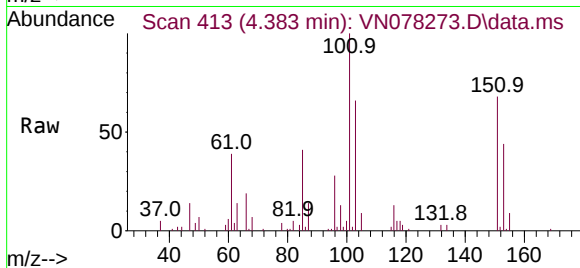
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.954 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:101 Resp: 77000
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 72.0 57.6 86.4

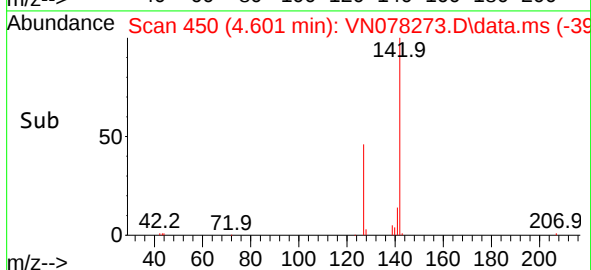
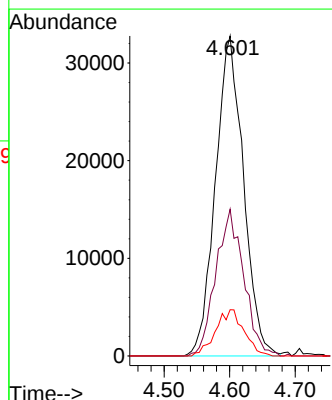
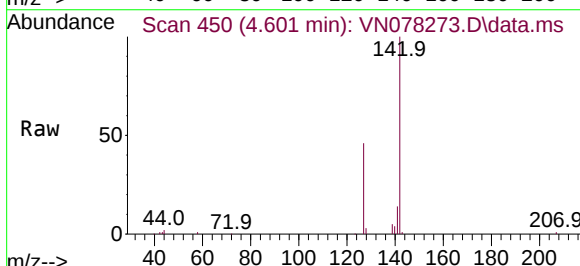
Manual Integrations
APPROVED

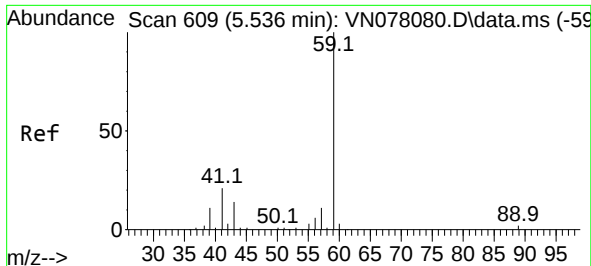
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 17.800 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

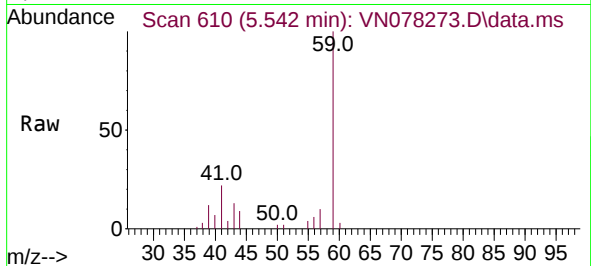
Tgt Ion:142 Resp: 97145
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 93.980 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

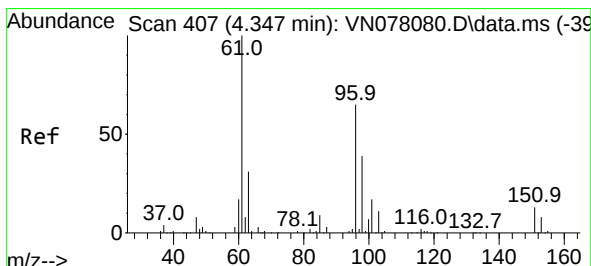
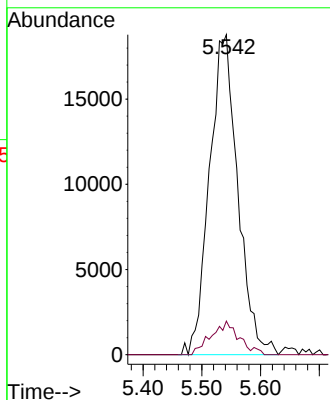
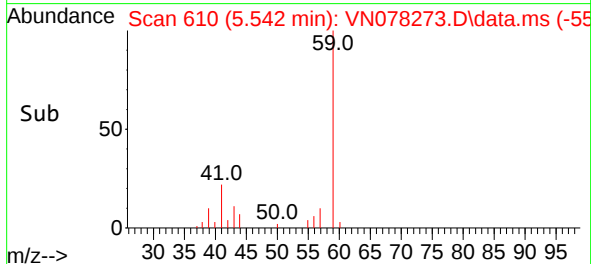
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



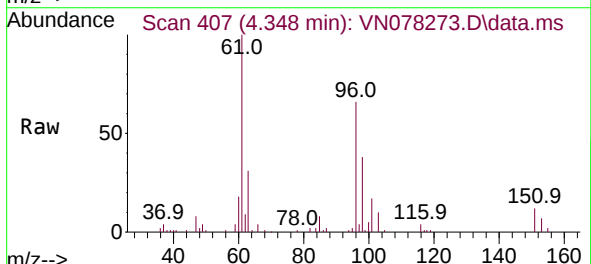
Tgt Ion: 59 Resp: 6303
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

Manual Integrations
APPROVED

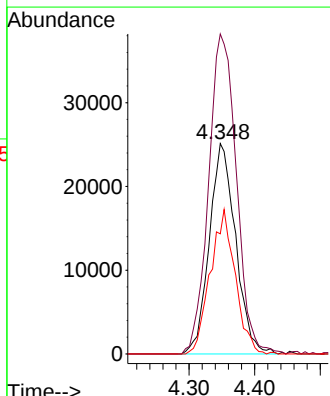
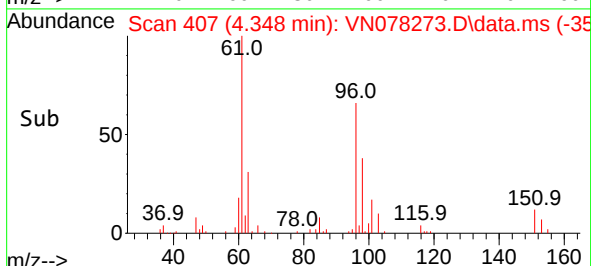
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#12
1,1-Dichloroethene
Concen: 17.604 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



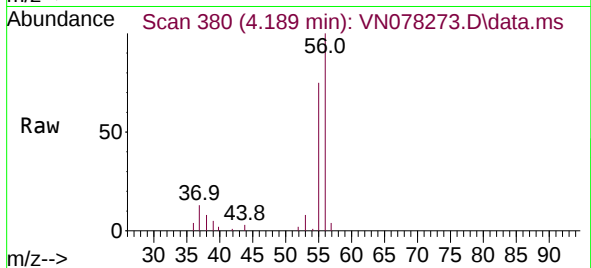
Tgt Ion: 96 Resp: 70030
Ion Ratio Lower Upper
96 100
61 152.1 112.7 169.1
98 57.1 51.2 76.8





#13
Acrolein
Concen: 97.073 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

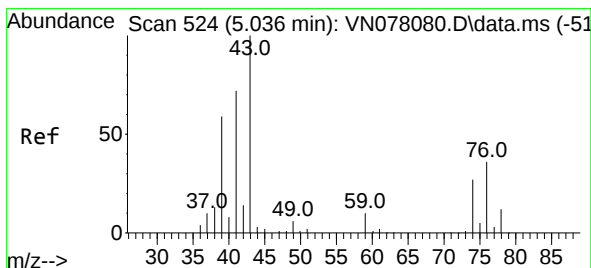
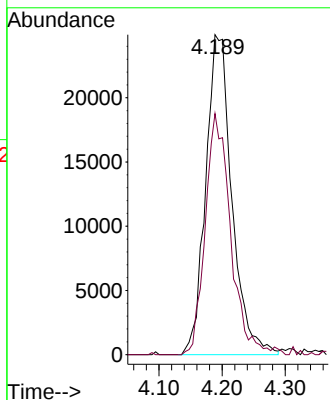
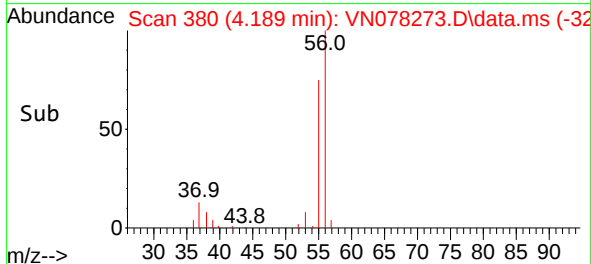
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



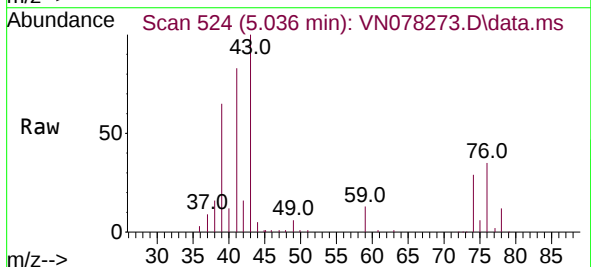
Tgt Ion: 56 Resp: 7175
Ion Ratio Lower Upper
56 100
55 72.5 54.5 81.7

Manual Integrations
APPROVED

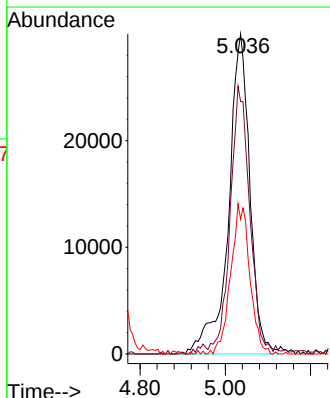
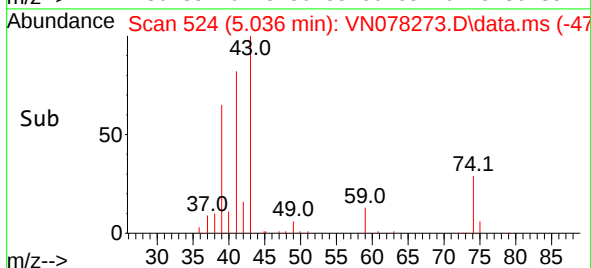
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

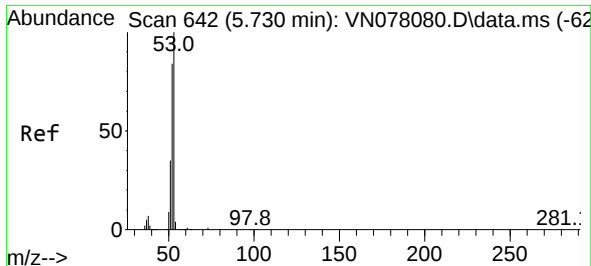


#14
Allyl chloride
Concen: 21.497 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



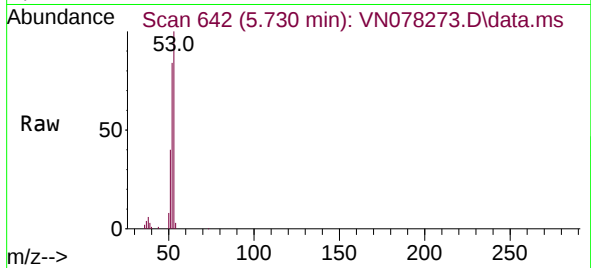
Tgt Ion: 41 Resp: 104393
Ion Ratio Lower Upper
41 100
39 75.0 58.8 88.2
76 41.8 39.1 58.7





#15
Acrylonitrile
Concen: 105.368 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

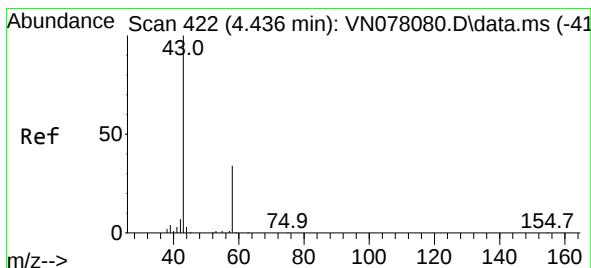
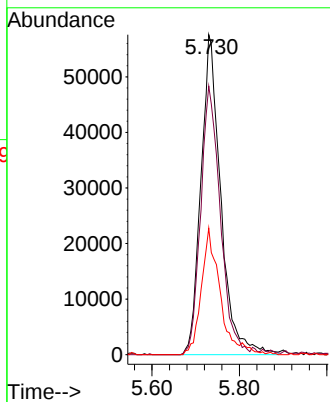
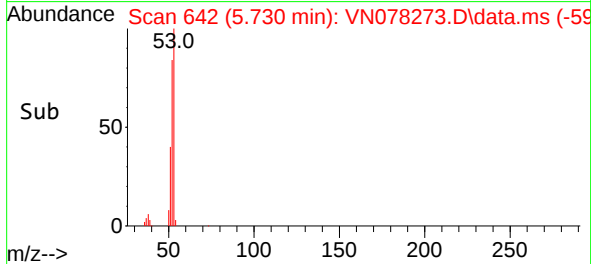
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 53 Resp: 18219
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 37.5 28.9 43.3

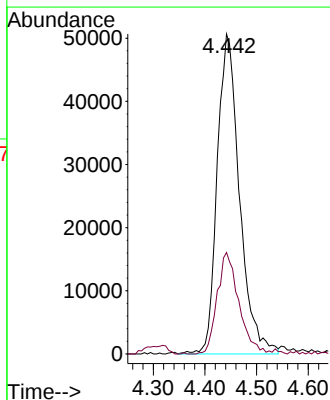
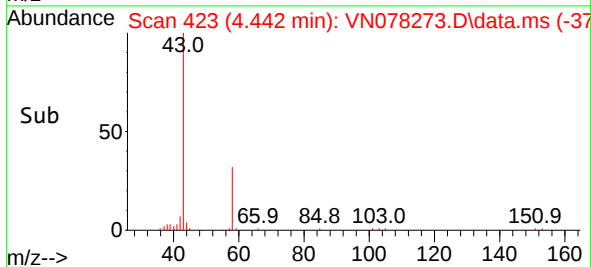
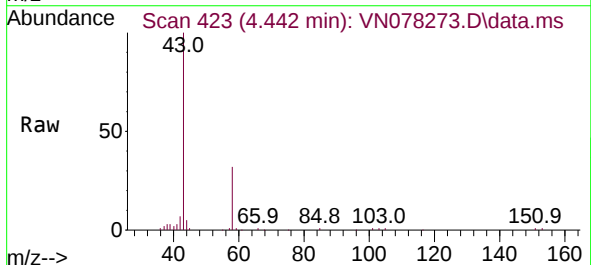
Manual Integrations
APPROVED

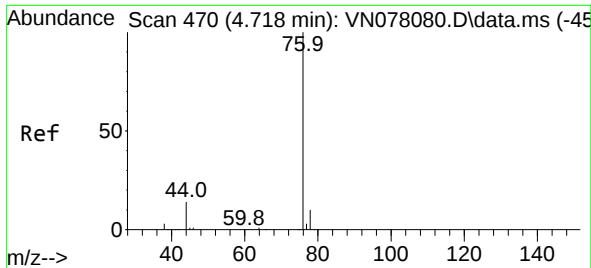
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 108.581 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

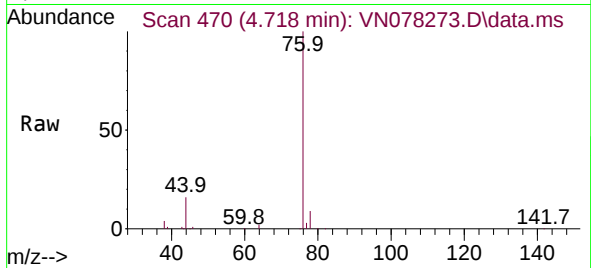
Tgt Ion: 43 Resp: 151807
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 16.452 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

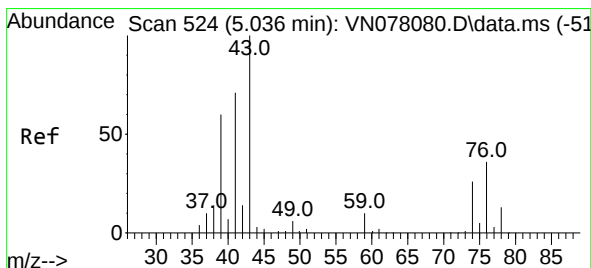
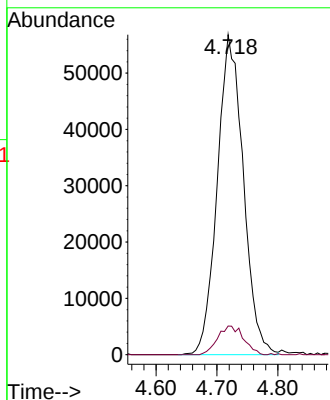
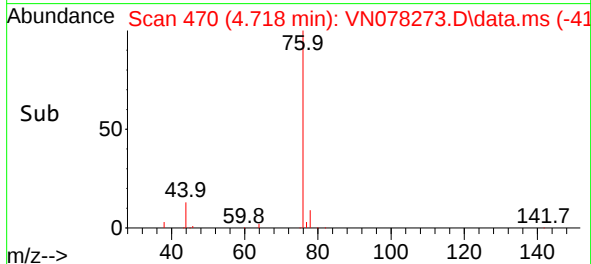
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



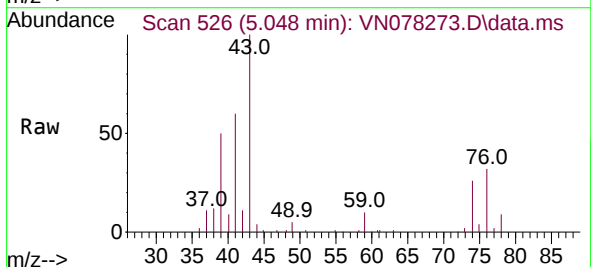
Tgt Ion: 76 Resp: 168460
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
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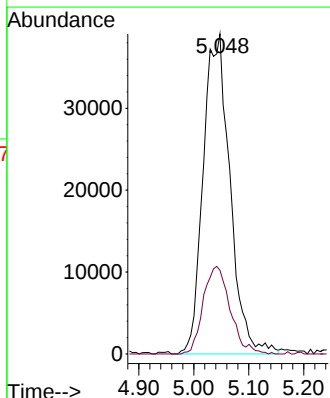
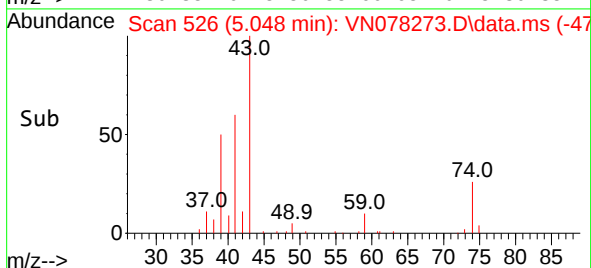
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

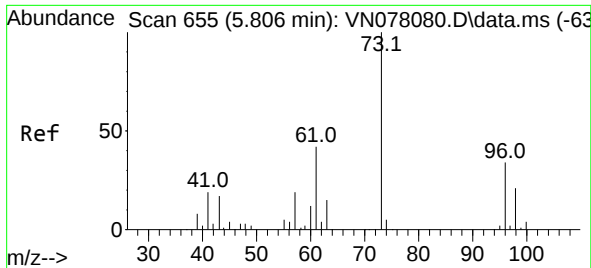


#18
Methyl Acetate
Concen: 20.535 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



Tgt Ion: 43 Resp: 132177
Ion Ratio Lower Upper
43 100
74 27.6 26.2 39.4





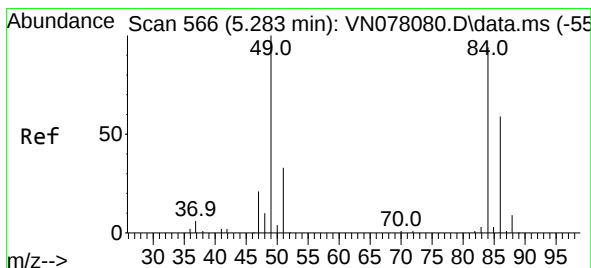
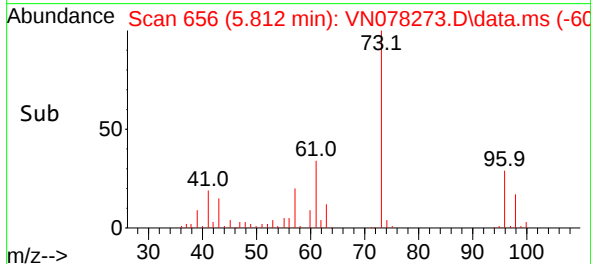
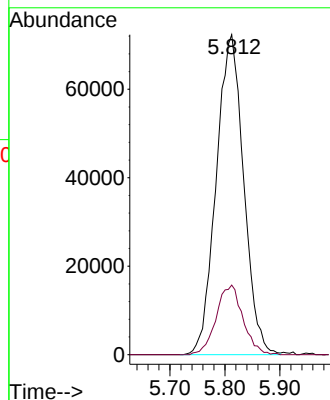
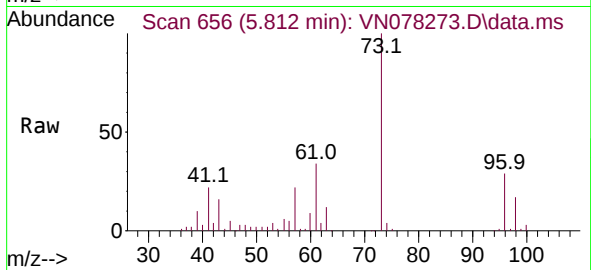
#19
Methyl tert-butyl Ether
Concen: 19.779 ug/l
RT: 5.812 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 73 Resp: 251054
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4

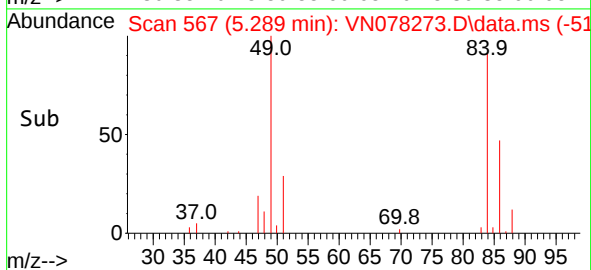
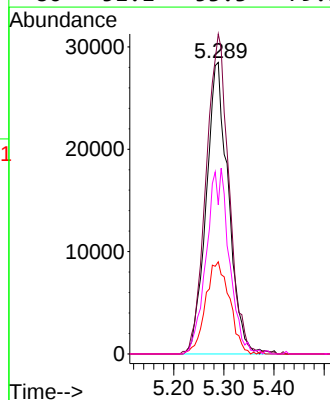
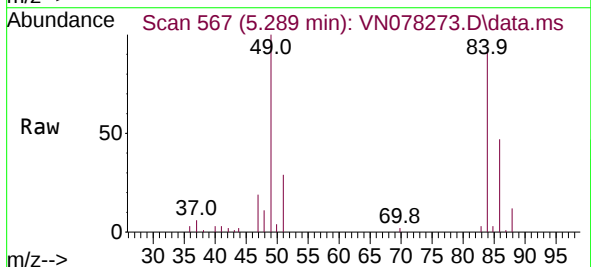
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 19.042 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

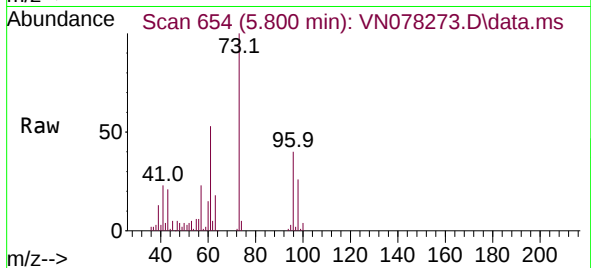
Tgt Ion: 84 Resp: 87974
Ion Ratio Lower Upper
84 100
49 109.8 79.7 119.5
51 31.6 25.2 37.8
86 51.1 53.3 79.9#





#21
trans-1,2-Dichloroethene
Concen: 18.129 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

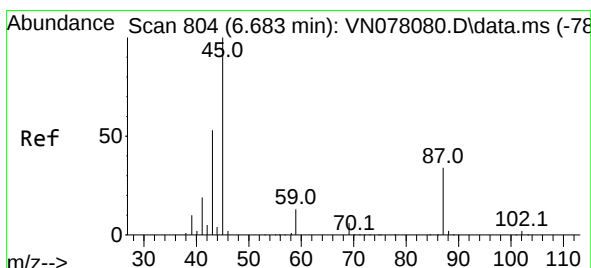
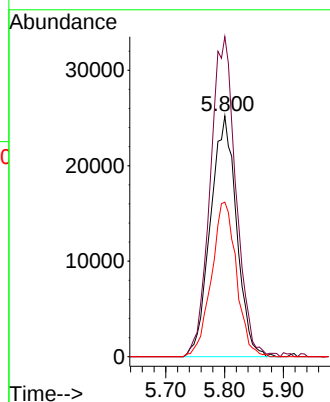
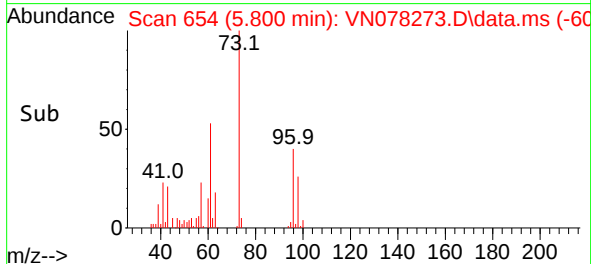
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 96 Resp: 7778
Ion Ratio Lower Upper
96 100
61 132.9 90.1 135.1
98 64.2 46.4 69.6

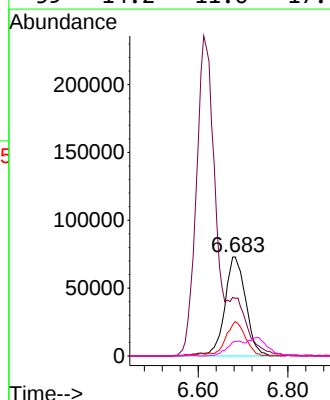
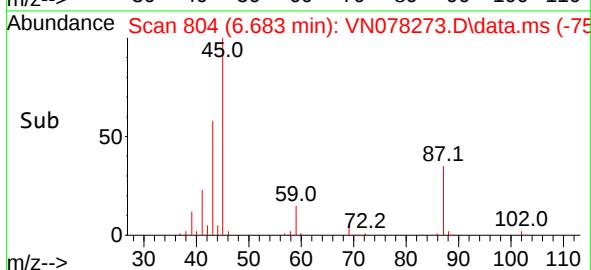
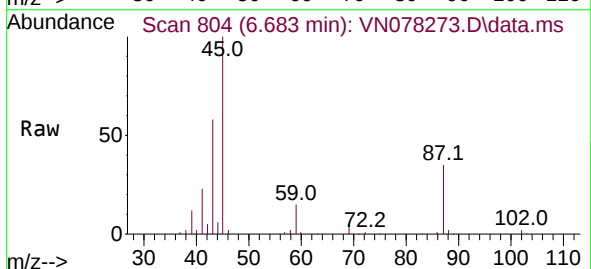
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 20.776 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

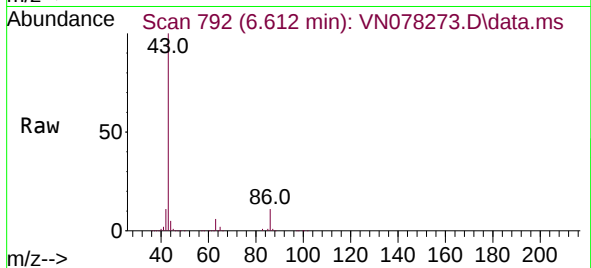
Tgt Ion: 45 Resp: 237321
Ion Ratio Lower Upper
45 100
43 55.6 45.5 68.3
87 34.3 31.8 47.8
59 14.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 102.585 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078273.D
 Acq: 19 Jun 2023 12:25

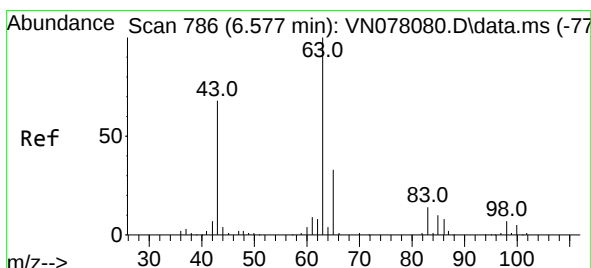
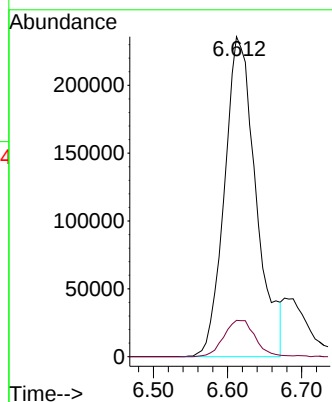
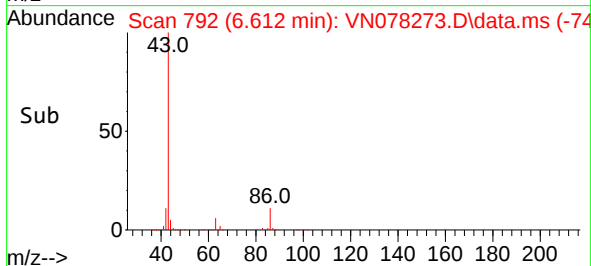
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01



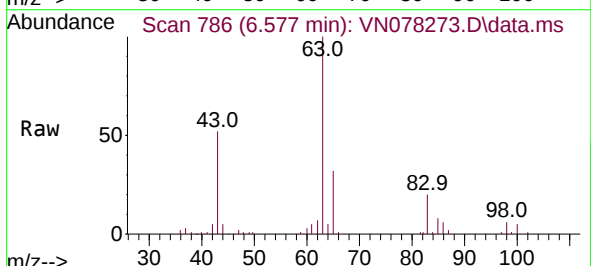
Tgt Ion: 43 Resp: 696578
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

Manual Integrations
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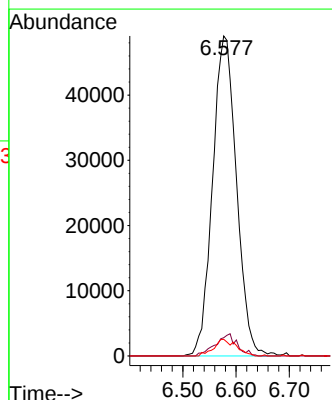
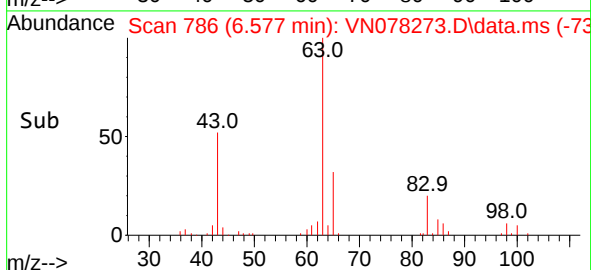
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#24
 1,1-Dichloroethane
 Concen: 20.329 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078273.D
 Acq: 19 Jun 2023 12:25



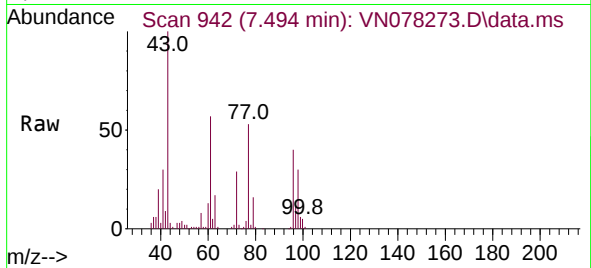
Tgt Ion: 63 Resp: 153190
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 105.081 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

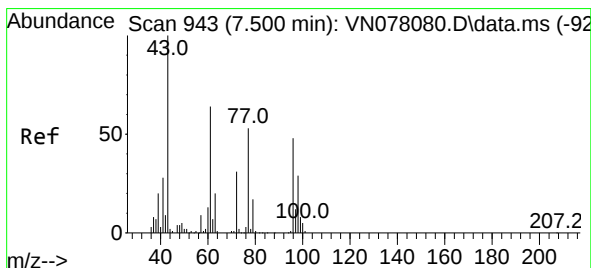
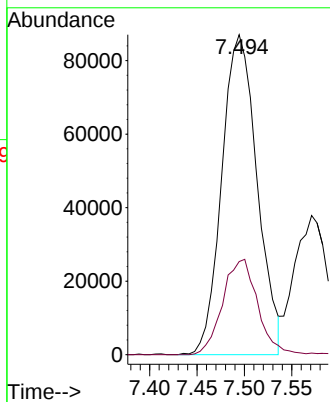
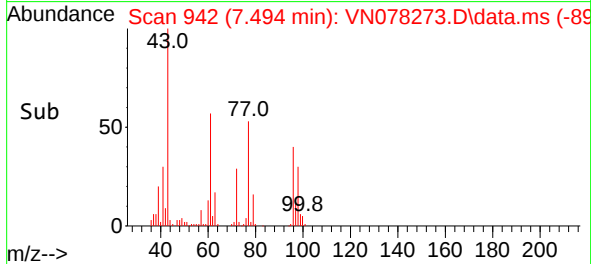
Instrument :
MSVOA_N
Client Sample Id :
VN0619WBS01



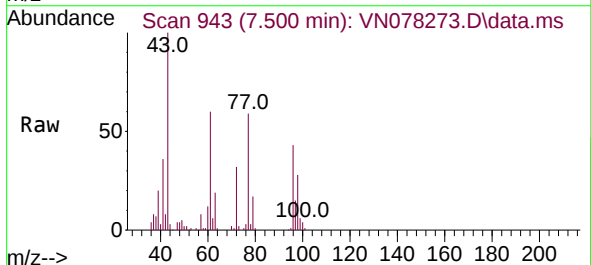
Tgt Ion: 43 Resp: 22592
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2

Manual Integrations
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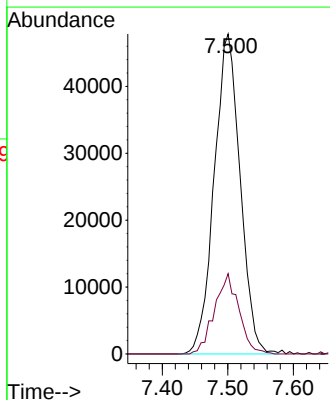
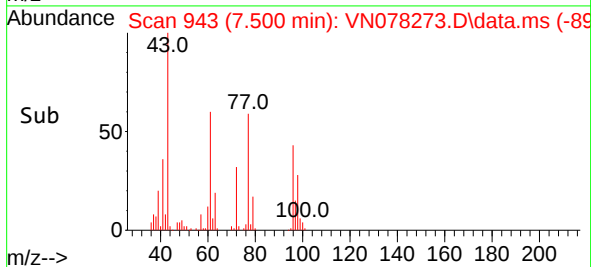
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 23.591 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



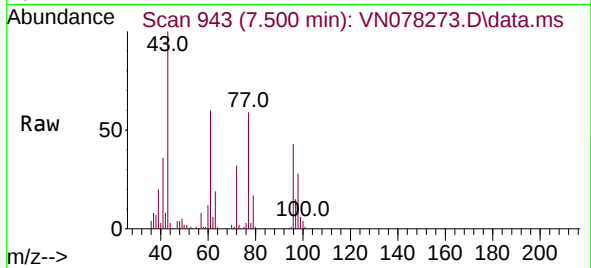
Tgt Ion: 77 Resp: 131256
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.505 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078273.D
 Acq: 19 Jun 2023 12:25

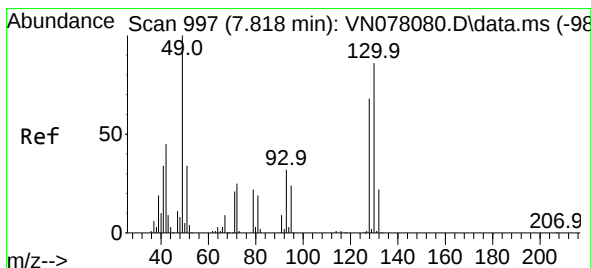
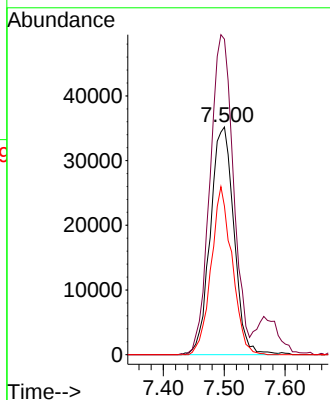
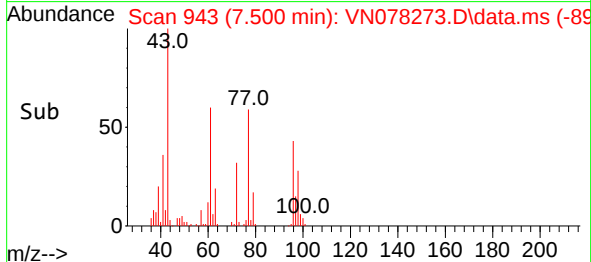
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01



Tgt Ion: 96 Resp: 9470
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 255.2
 98 65.5 0.0 128.8

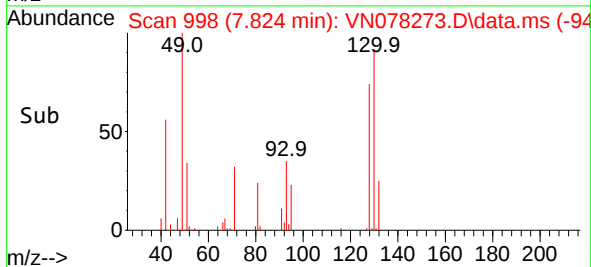
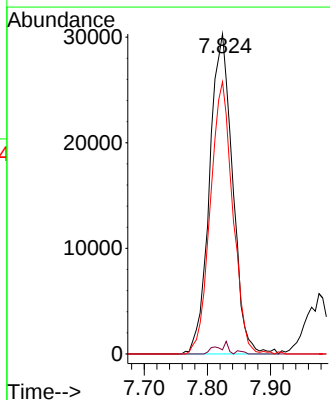
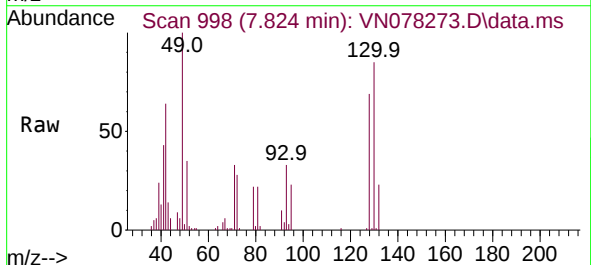
Manual Integrations
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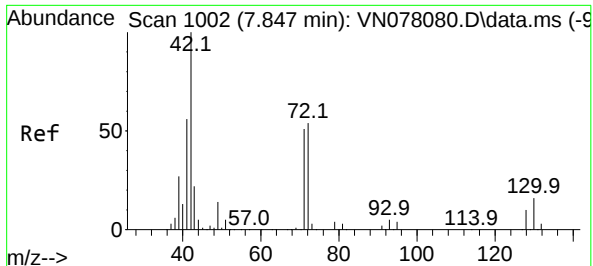
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 22.204 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078273.D
 Acq: 19 Jun 2023 12:25

Tgt Ion: 49 Resp: 76820
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 82.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 99.729 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 42 Resp: 14333

Ion Ratio Lower Upper

42 100

72 49.1 49.8 74.6

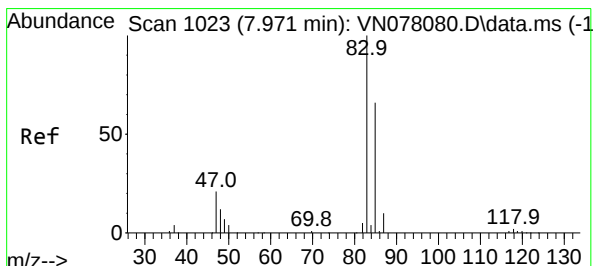
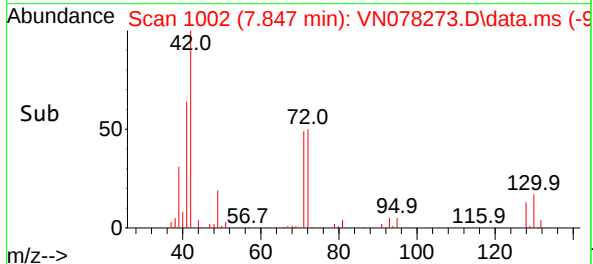
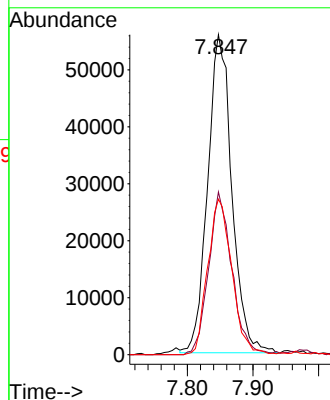
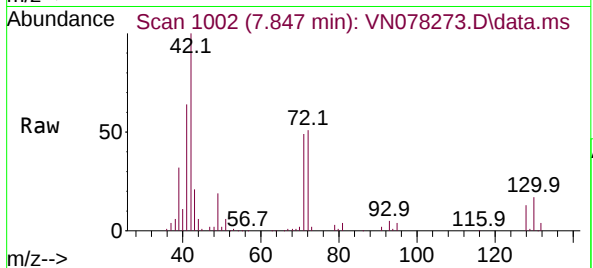
71 48.8 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 20.823 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078273.D

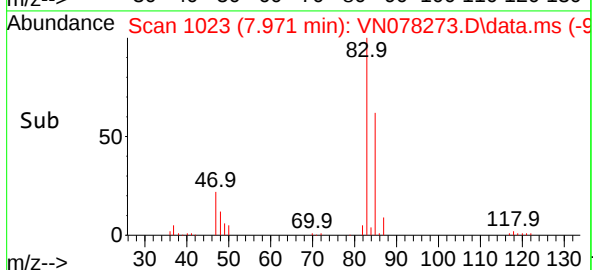
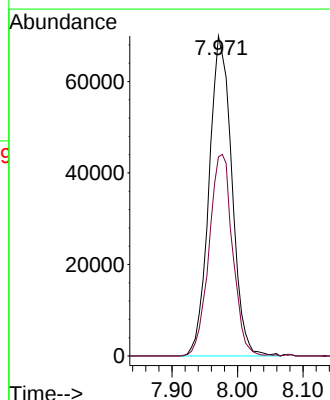
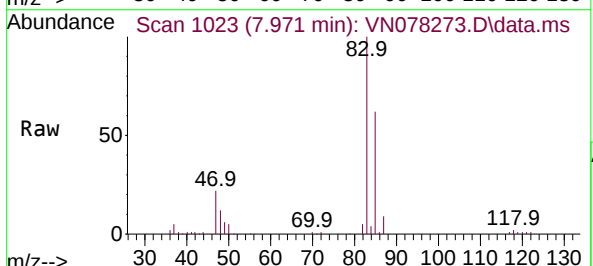
Acq: 19 Jun 2023 12:25

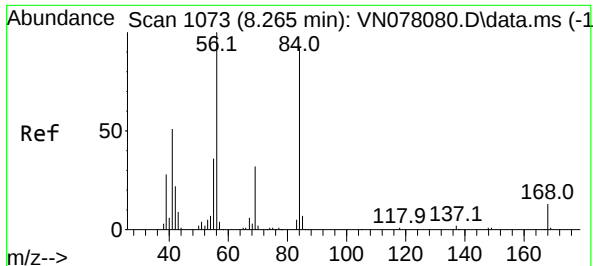
Tgt Ion: 83 Resp: 168967

Ion Ratio Lower Upper

83 100

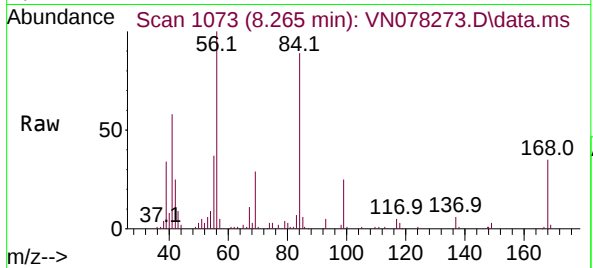
85 62.2 55.4 83.0





#31
Cyclohexane
Concen: 19.154 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

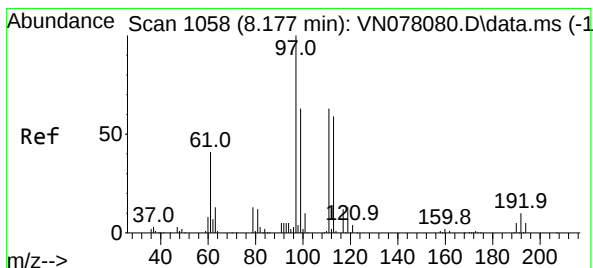
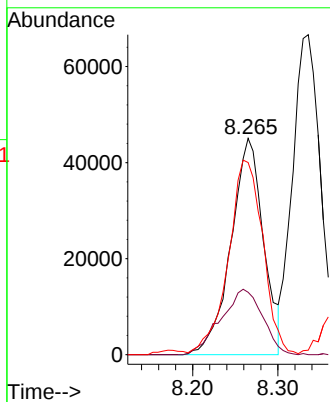
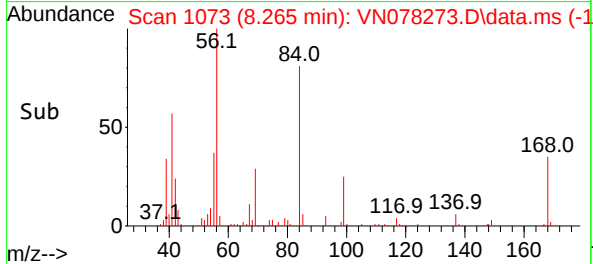
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



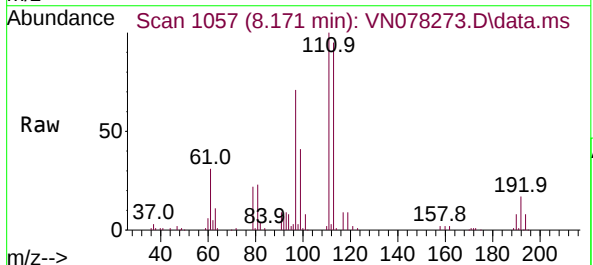
Tgt Ion: 56 Resp: 11934
Ion Ratio Lower Upper
56 100
69 28.3 26.8 40.2
84 87.3 81.8 122.6

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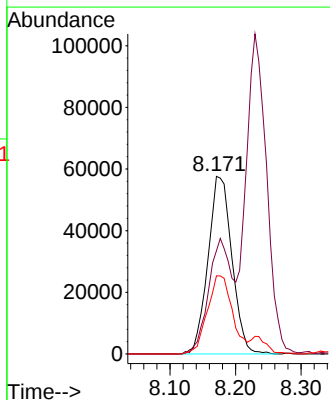
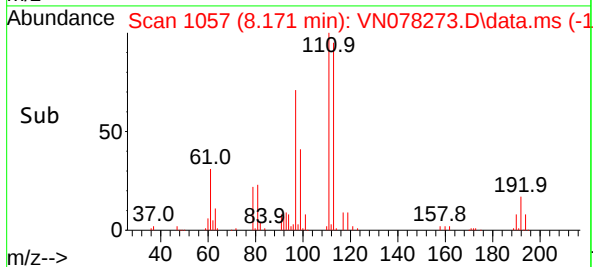
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

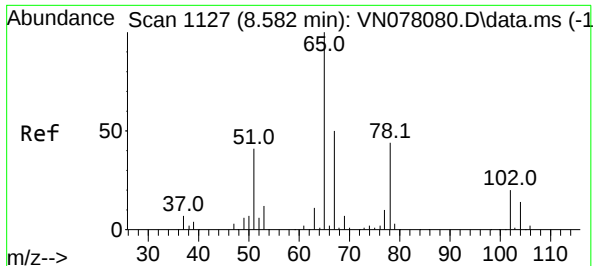


#32
1,1,1-Trichloroethane
Concen: 20.517 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



Tgt Ion: 97 Resp: 146156
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 46.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.668 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 65 Resp: 231534

Ion Ratio Lower Upper

65 100

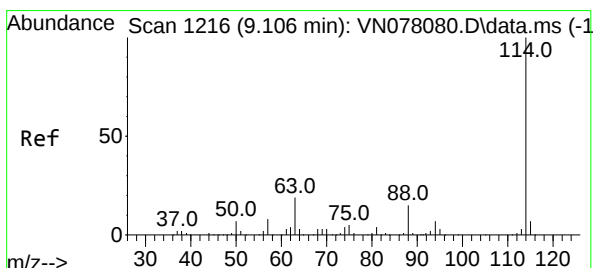
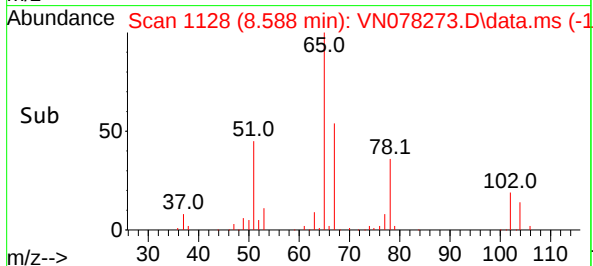
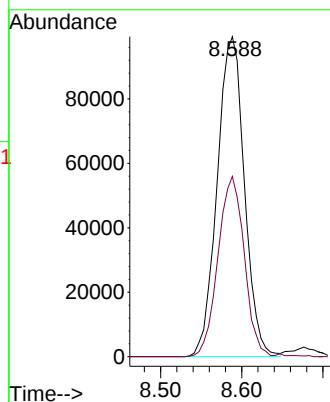
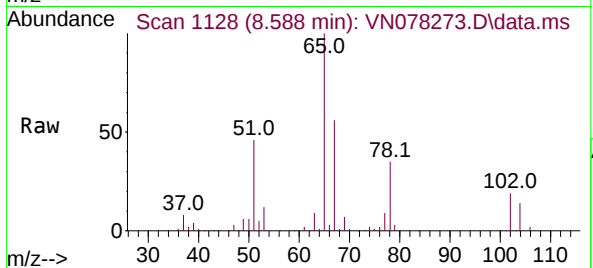
67 54.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

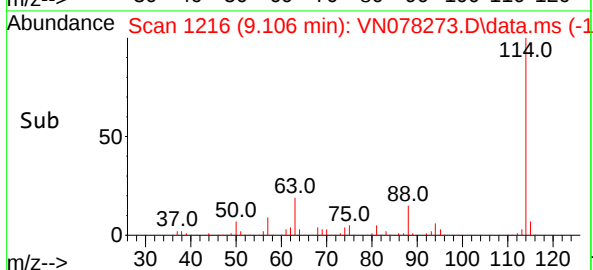
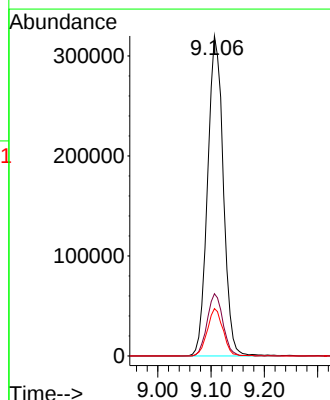
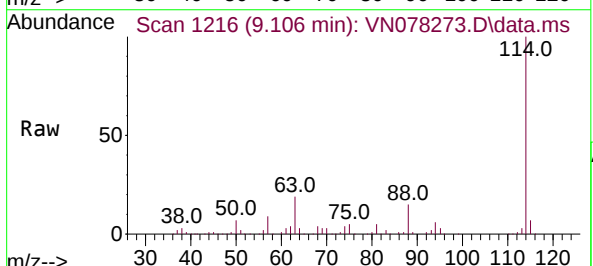
Tgt Ion:114 Resp: 654338

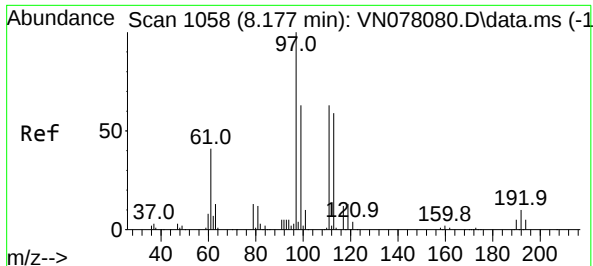
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

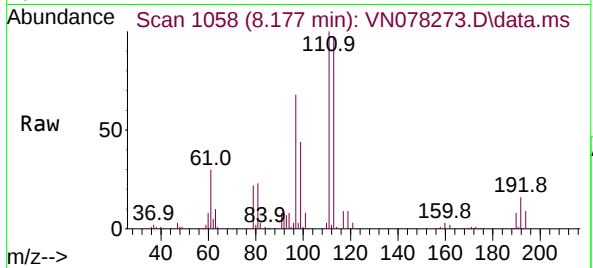
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 46.677 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

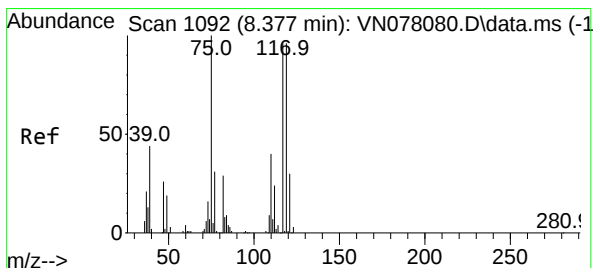
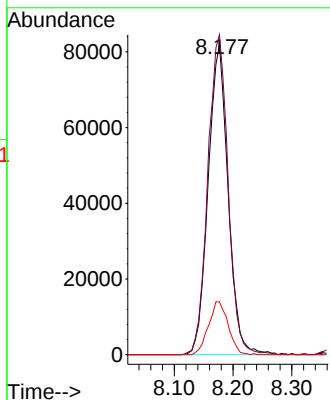
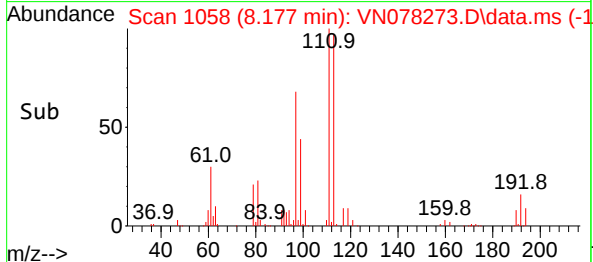
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



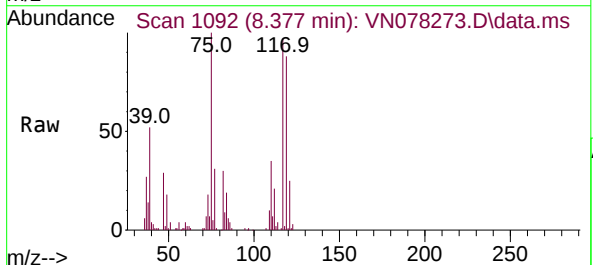
Tgt Ion: 113 Resp: 19311
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 16.8 12.7 19.1

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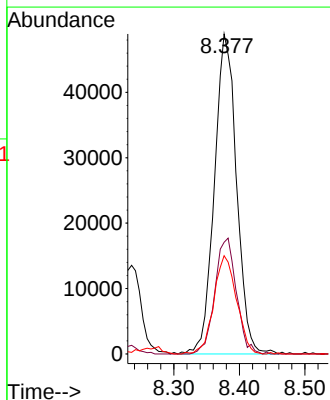
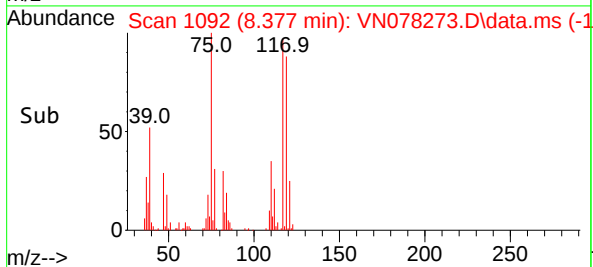
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

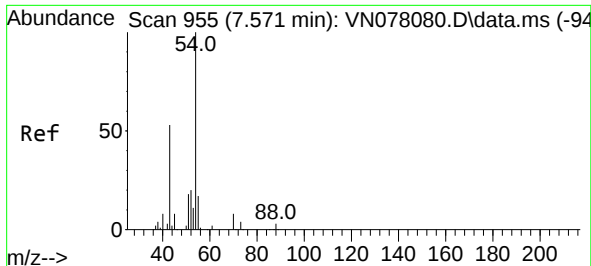


#36
1,1-Dichloropropene
Concen: 19.327 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



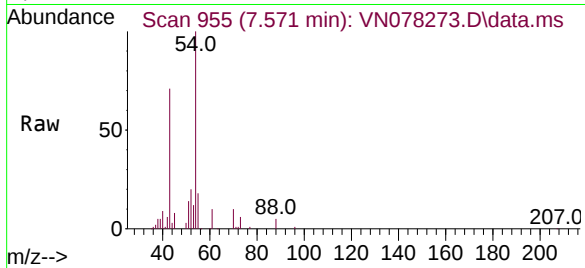
Tgt Ion: 75 Resp: 114694
Ion Ratio Lower Upper
75 100
110 35.2 19.1 57.3
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 21.197 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

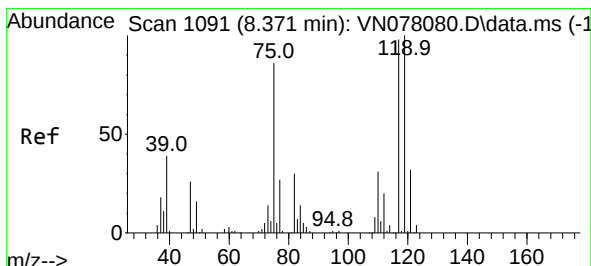
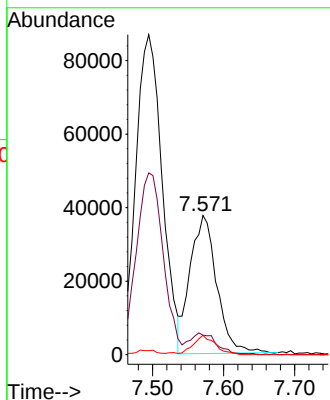
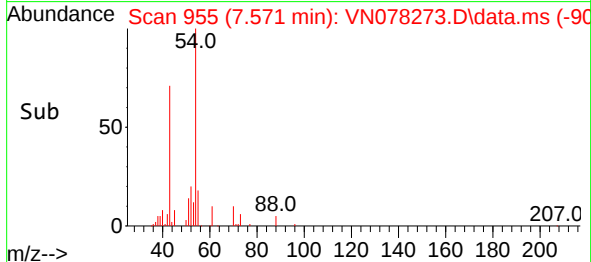
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 43 Resp: 98268
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 12.0 11.3 16.9

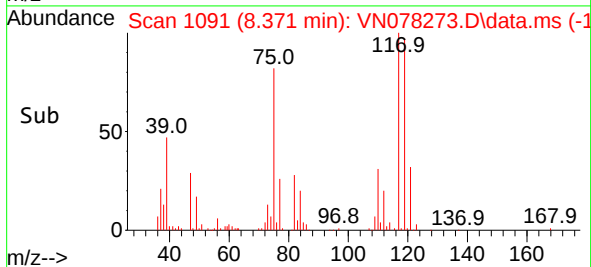
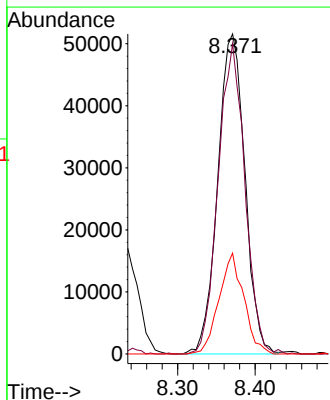
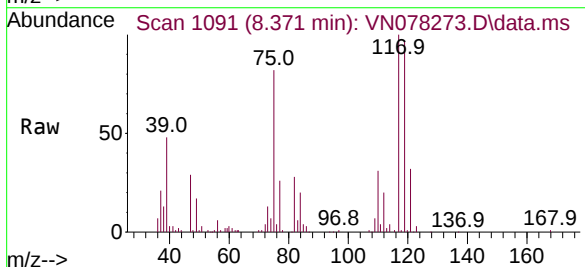
Manual Integrations
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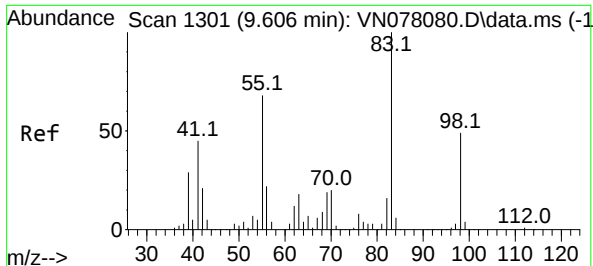
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 20.092 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:117 Resp: 125899
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 17.069 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 83 Resp: 104970

Ion Ratio Lower Upper

83 100

55 70.9 49.1 73.7

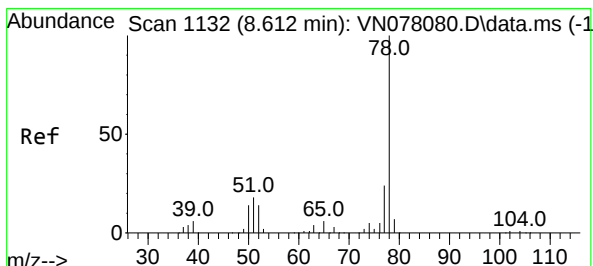
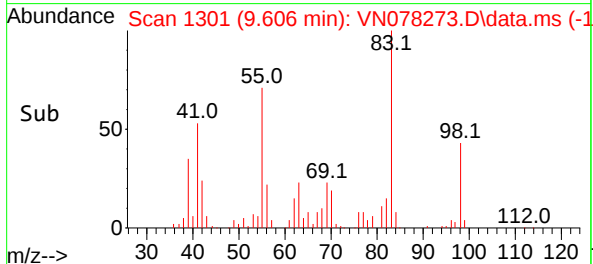
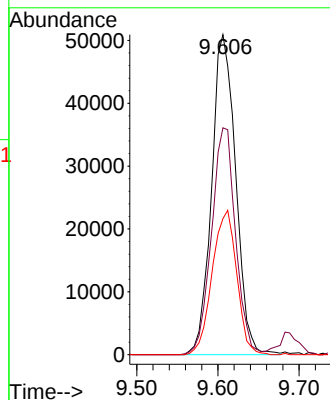
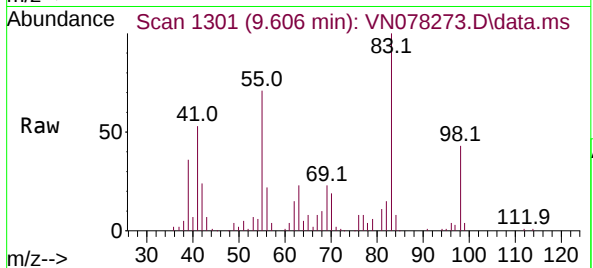
98 42.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 19.948 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078273.D

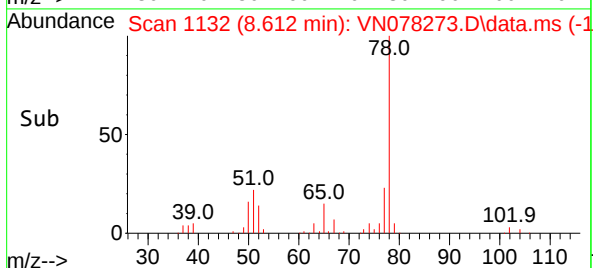
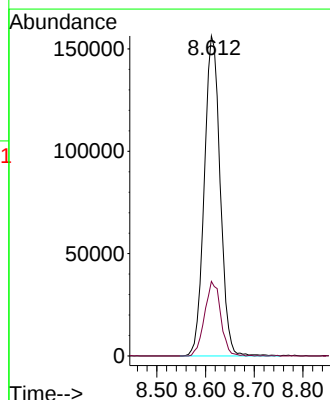
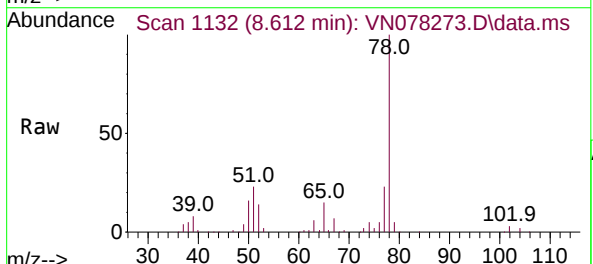
Acq: 19 Jun 2023 12:25

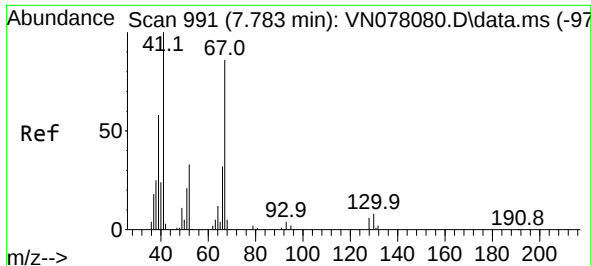
Tgt Ion: 78 Resp: 353420

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6





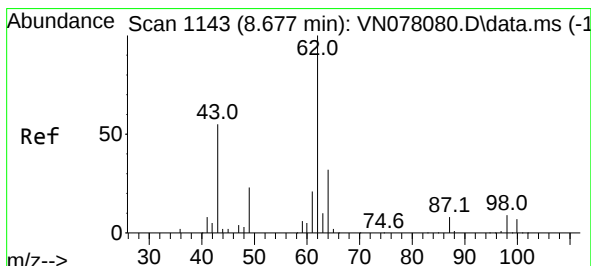
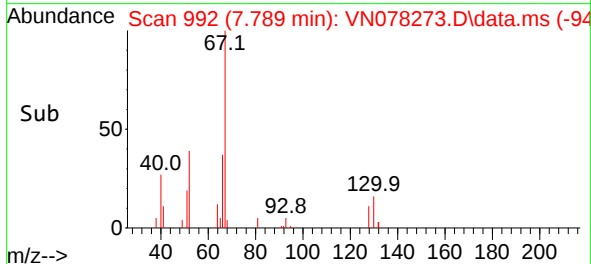
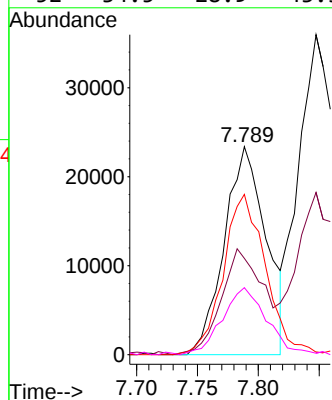
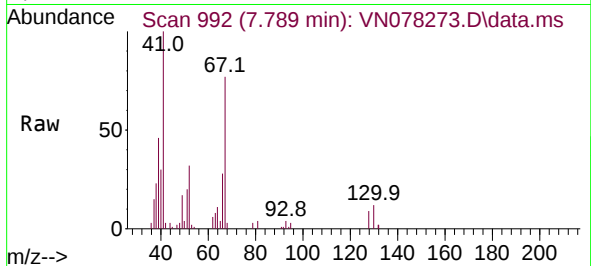
#41
Methacrylonitrile
Concen: 22.209 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 41	Resp: 5580
Ion Ratio	Lower Upper
41 100	
39 50.0	42.6 64.0
67 78.3	77.5 116.3
52 34.5	28.9 43.3

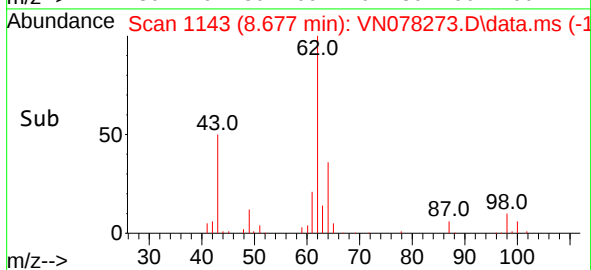
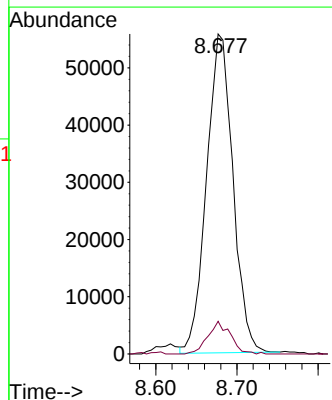
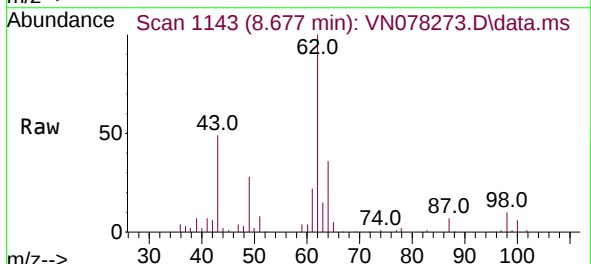
Manual Integrations
APPROVED

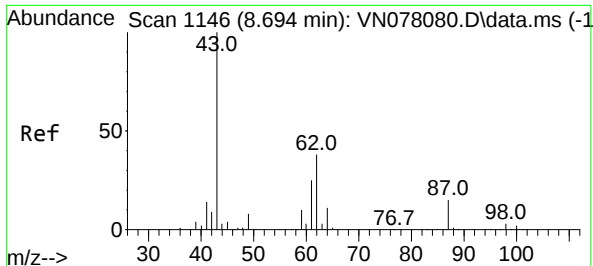
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 20.719 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

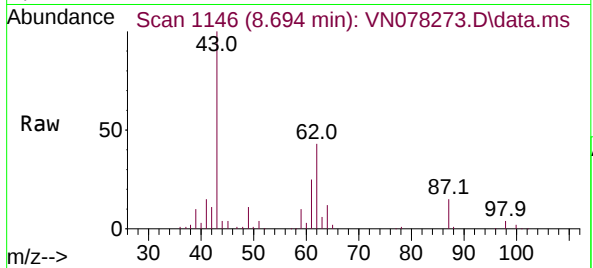
Tgt Ion: 62	Resp: 125857
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 19.8





#43
Isopropyl Acetate
Concen: 19.840 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

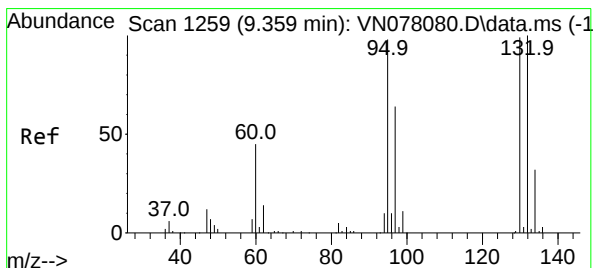
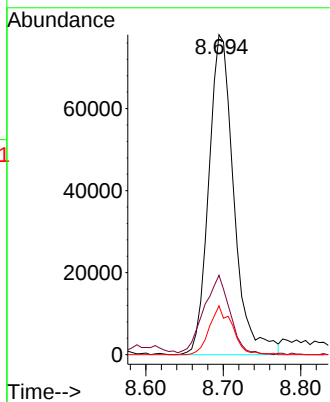
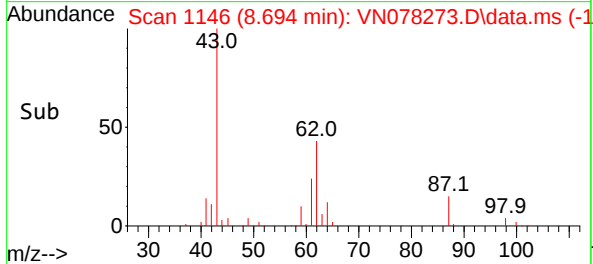
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 43 Resp: 17590
Ion Ratio Lower Upper
43 100
61 26.1 24.7 37.1
87 13.9 14.6 21.8

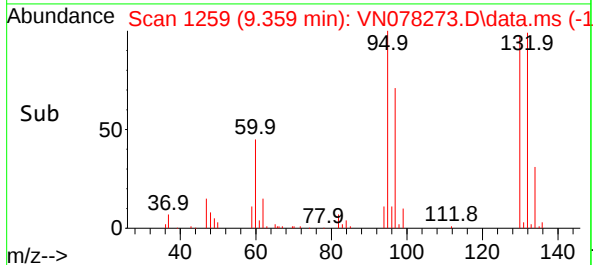
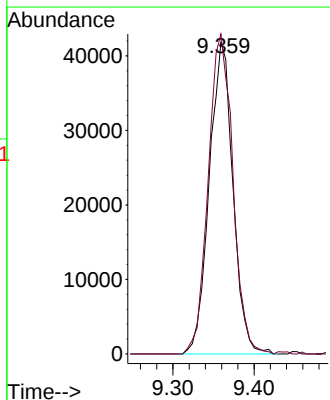
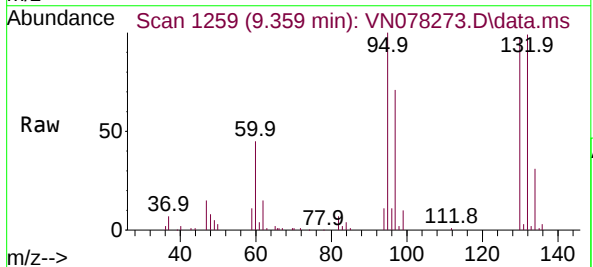
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 18.119 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:130 Resp: 84778
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.832 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 63 Resp: 9182

Ion Ratio Lower Upper

63 100

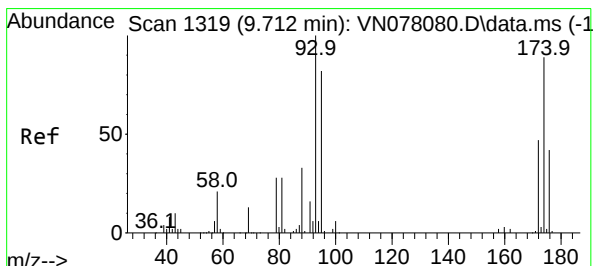
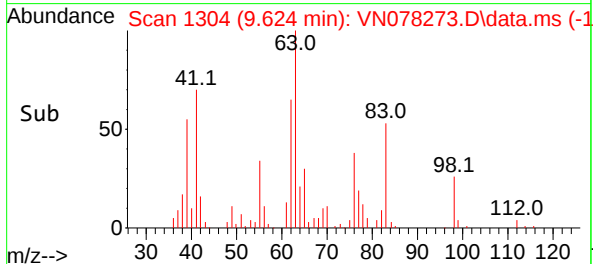
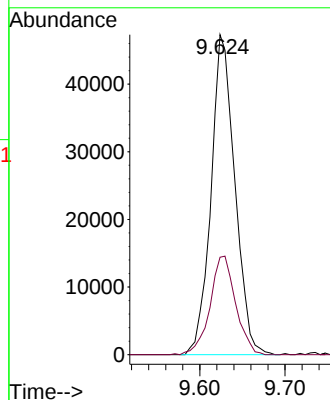
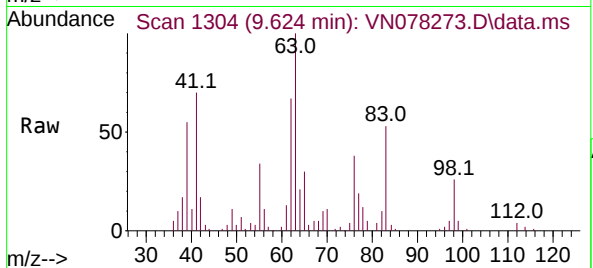
65 30.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 19.904 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

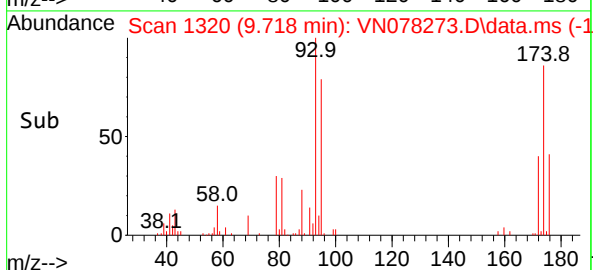
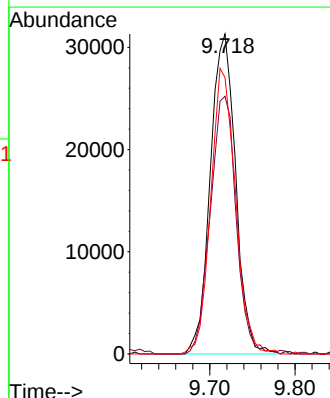
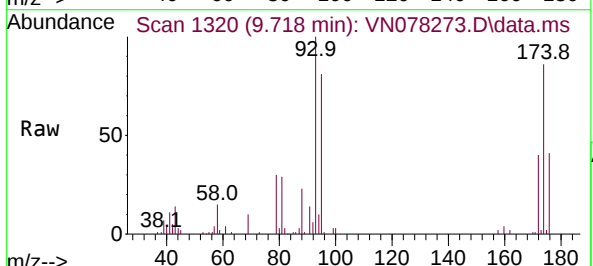
Tgt Ion: 93 Resp: 64623

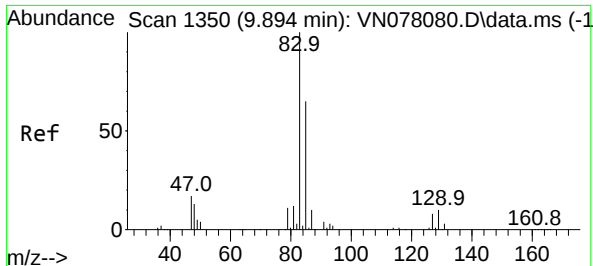
Ion Ratio Lower Upper

93 100

95 82.4 63.8 95.8

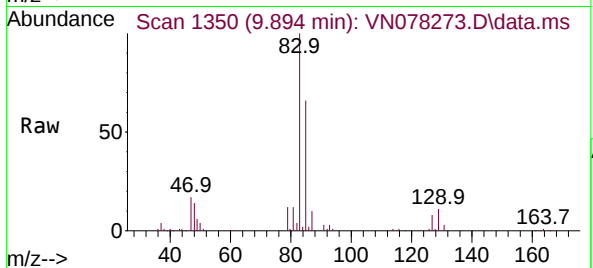
174 87.0 65.6 98.4





#47
Bromodichloromethane
Concen: 21.473 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

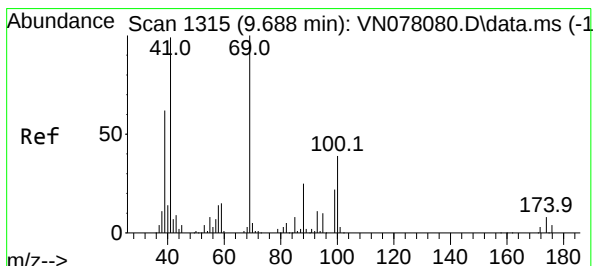
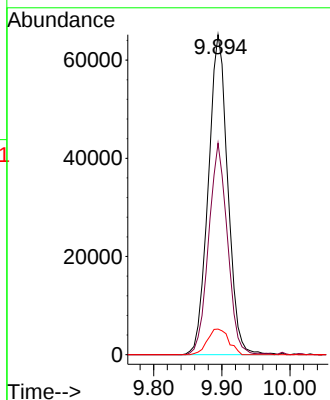
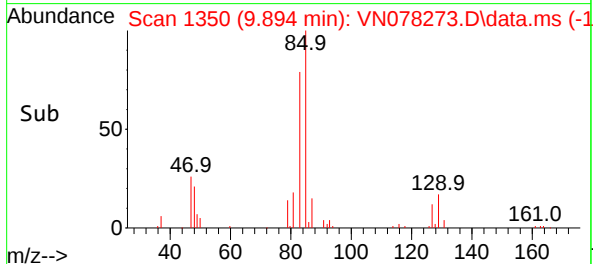
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



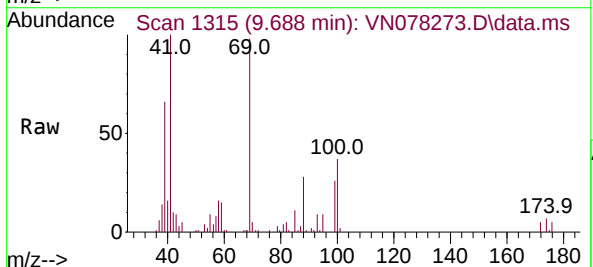
Tgt Ion: 83 Resp: 129502
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 8.0 7.0 10.6

Manual Integrations
APPROVED

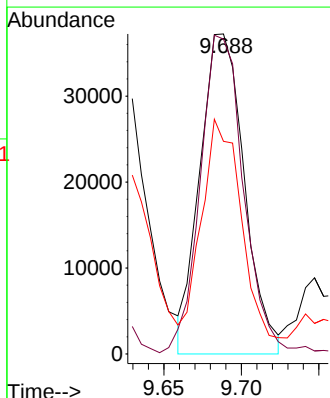
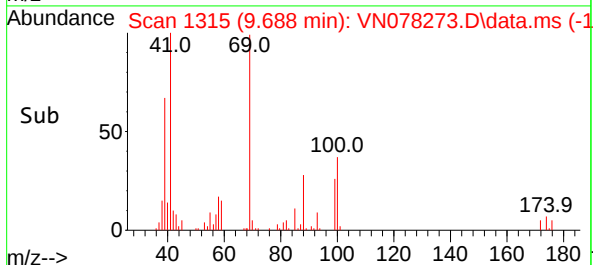
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

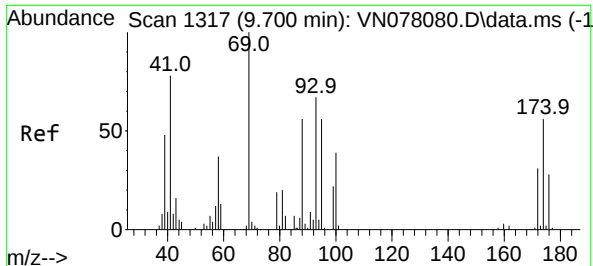


#48
Methyl methacrylate
Concen: 19.875 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



Tgt Ion: 41 Resp: 73949
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 68.5 54.6 81.8





#49

1,4-Dioxane

Concen: 385.990 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 88 Resp: 3018

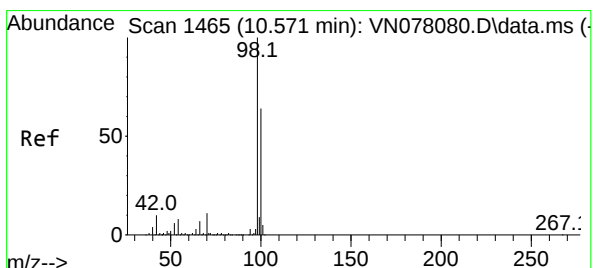
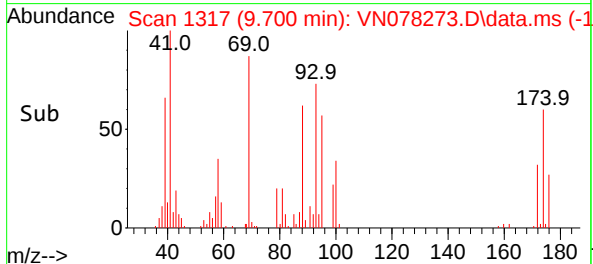
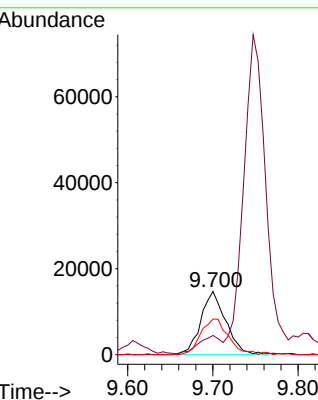
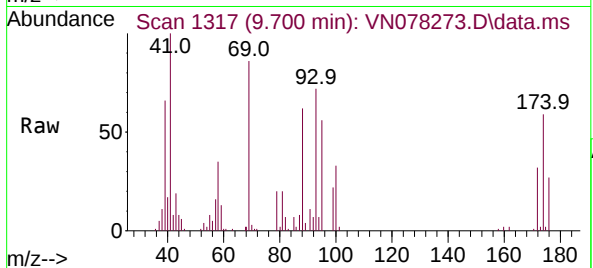
Ion	Ratio	Lower	Upper
88	100		
43	25.7	17.0	25.6
58	61.5	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#50

Toluene-d8

Concen: 45.450 ug/l

RT: 10.571 min Scan# 1465

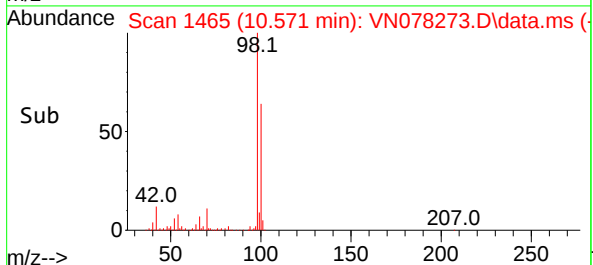
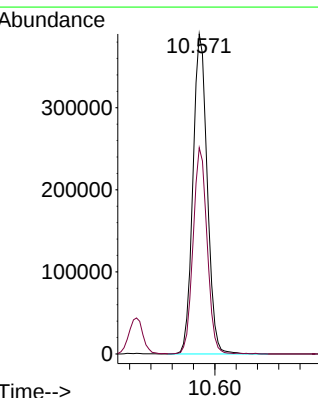
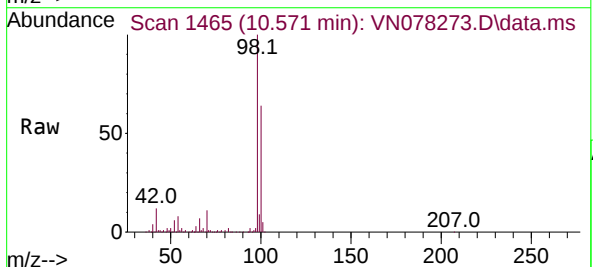
Delta R.T. 0.000 min

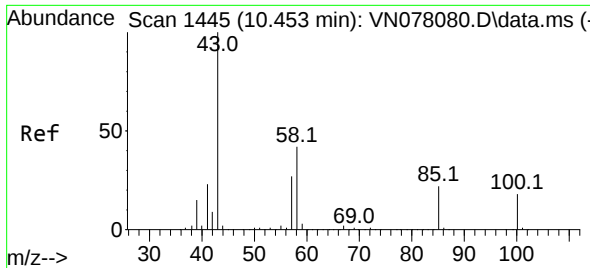
Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Tgt Ion: 98 Resp: 724921

Ion	Ratio	Lower	Upper
98	100		
100	62.9	52.0	78.0





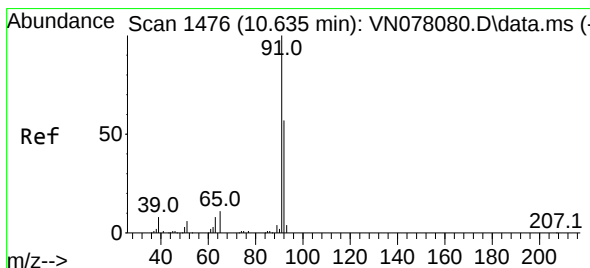
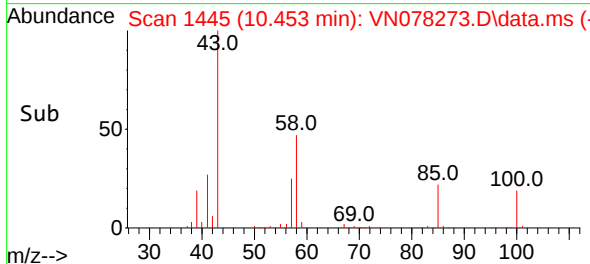
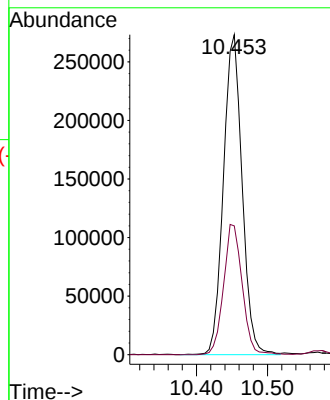
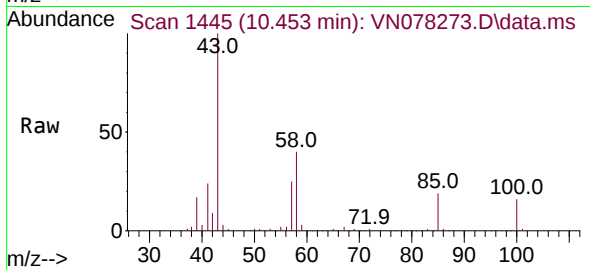
#51
4-Methyl-2-Pentanone
Concen: 106.762 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 43 Resp: 49845
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8

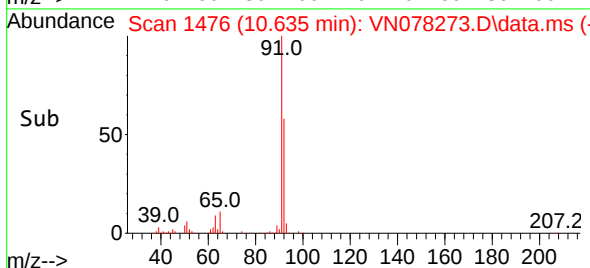
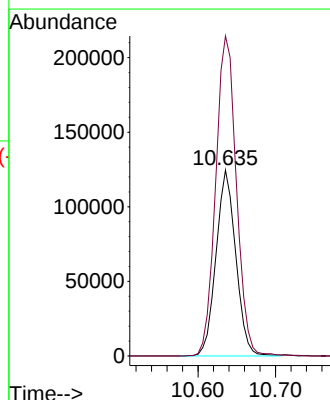
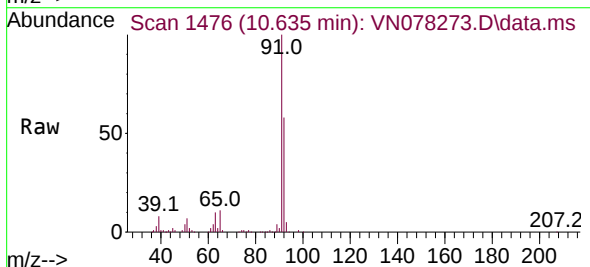
Manual Integrations
APPROVED

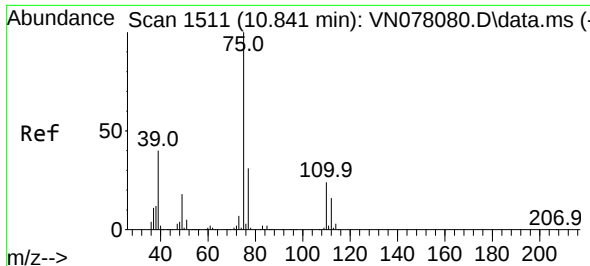
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 19.727 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion: 92 Resp: 220661
Ion Ratio Lower Upper
92 100
91 180.4 137.4 206.0





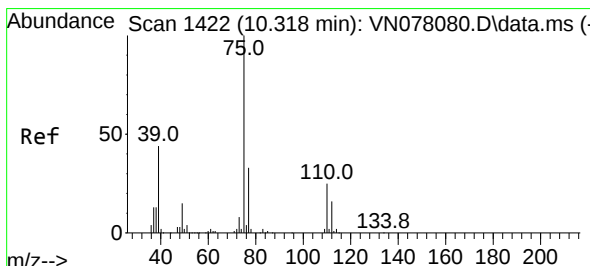
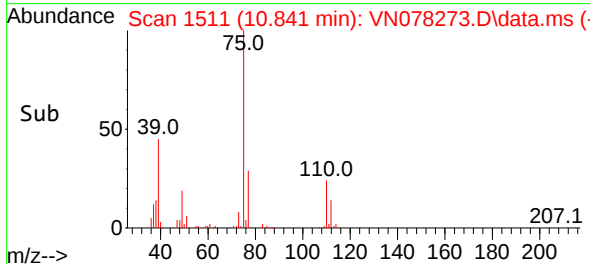
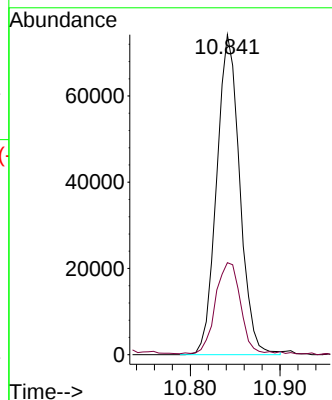
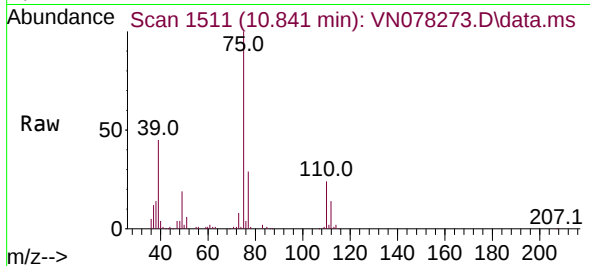
#53
t-1,3-Dichloropropene
Concen: 21.127 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 75 Resp: 13269
Ion Ratio Lower Upper
75 100
77 28.5 25.4 38.0

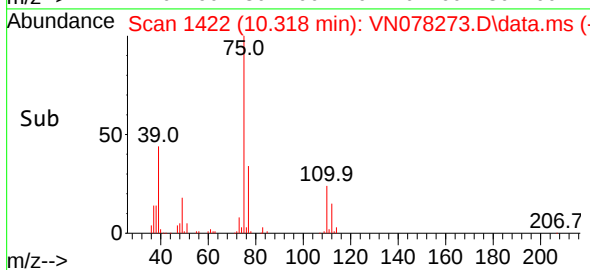
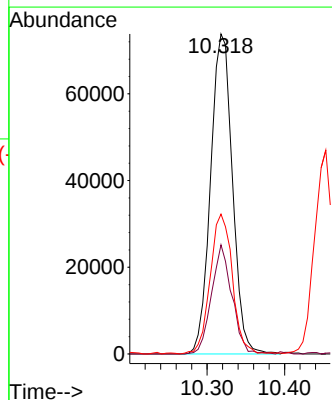
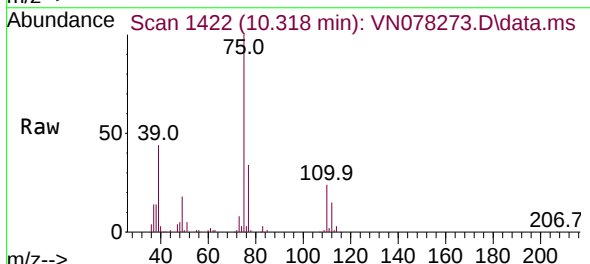
Manual Integrations
APPROVED

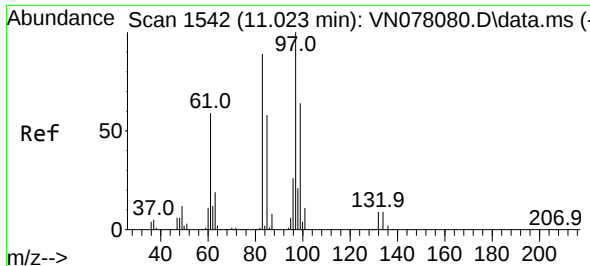
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 20.834 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

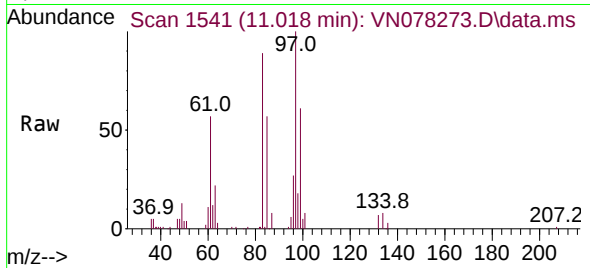
Tgt Ion: 75 Resp: 144651
Ion Ratio Lower Upper
75 100
77 34.1 26.1 39.1
39 43.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.557 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

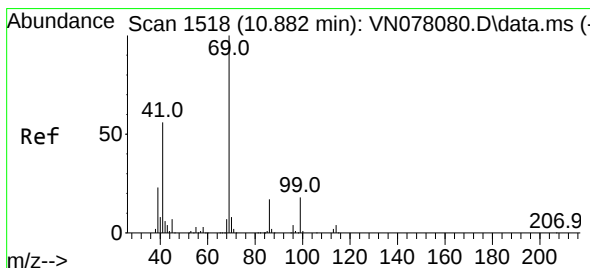
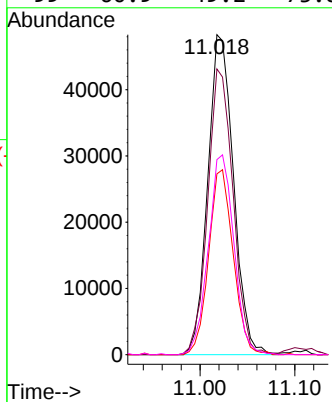
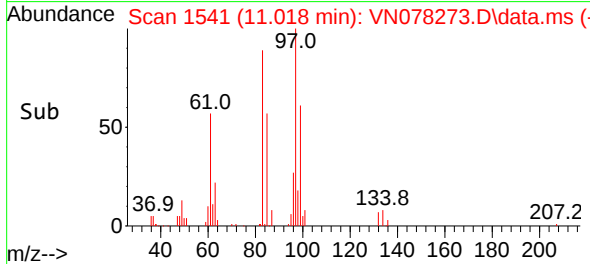
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:	97	Resp:	91218
Ion Ratio	100	Lower	Upper
97	100		
83	89.3	65.1	97.7
85	56.5	43.4	65.2
99	60.9	49.2	73.8

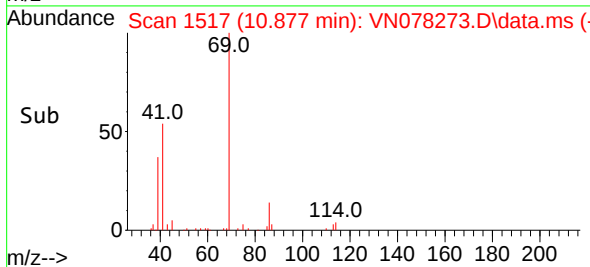
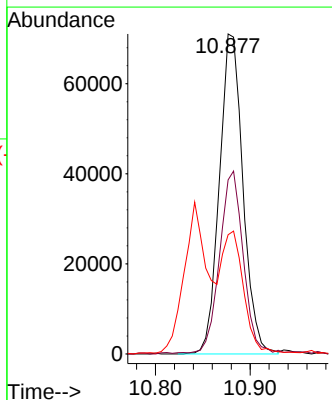
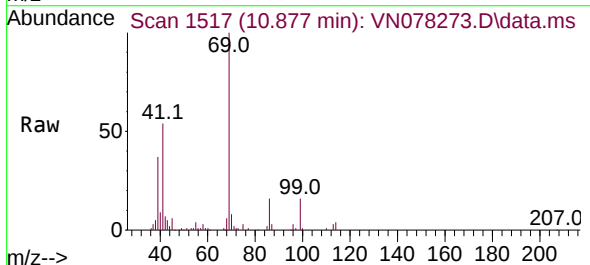
Manual Integrations
APPROVED

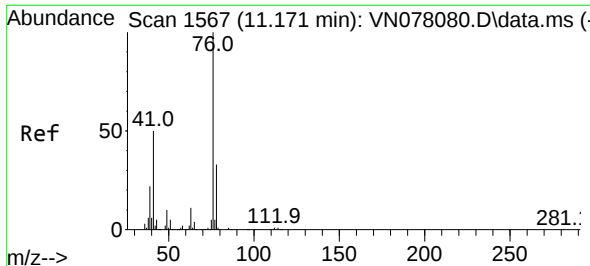
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#56
Ethyl methacrylate
Concen: 19.963 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:	69	Resp:	122998
Ion Ratio	100	Lower	Upper
69	100		
41	57.0	39.6	59.4
39	34.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.228 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 76 Resp: 151629

Ion Ratio Lower Upper

76 100

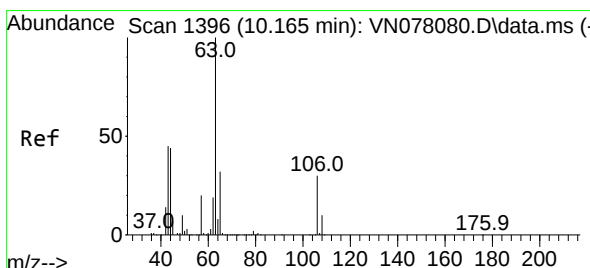
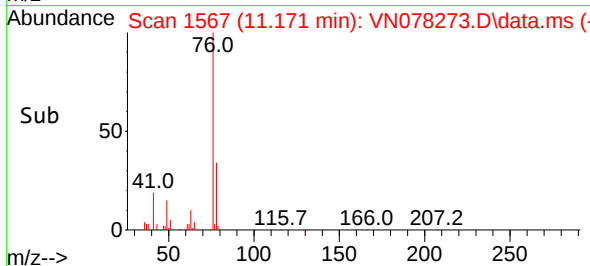
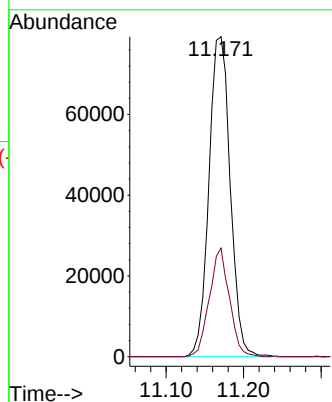
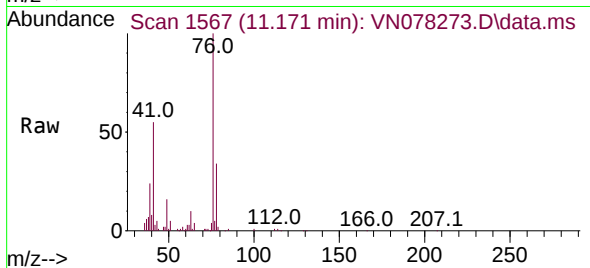
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.315 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078273.D

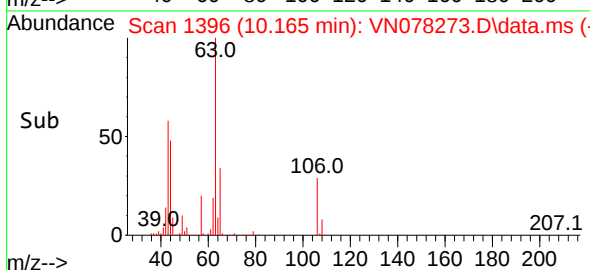
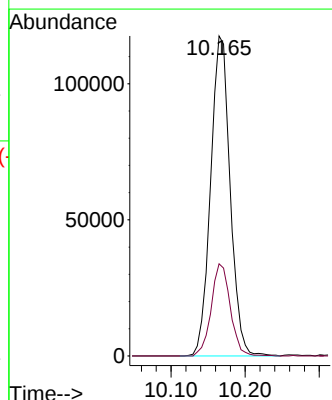
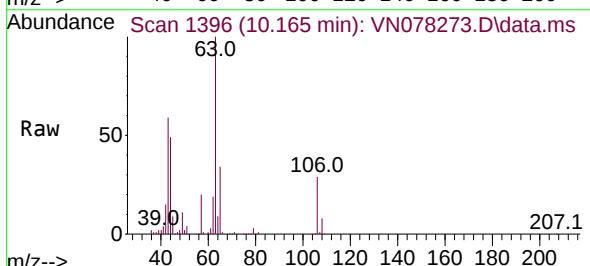
Acq: 19 Jun 2023 12:25

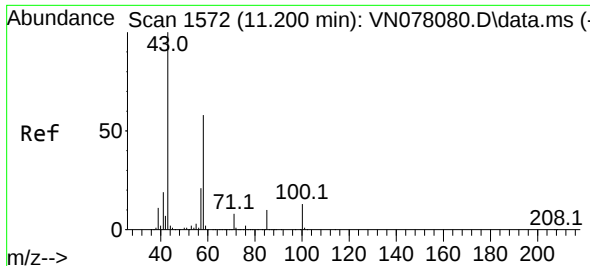
Tgt Ion: 63 Resp: 214841

Ion Ratio Lower Upper

63 100

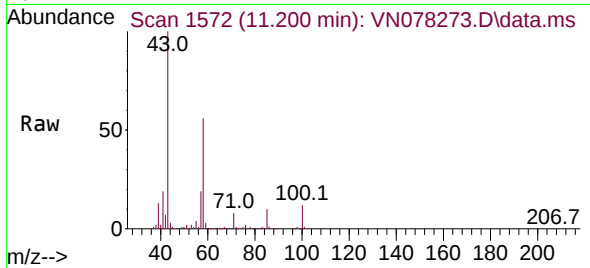
106 28.1 26.2 39.4





#59
2-Hexanone
Concen: 105.632 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

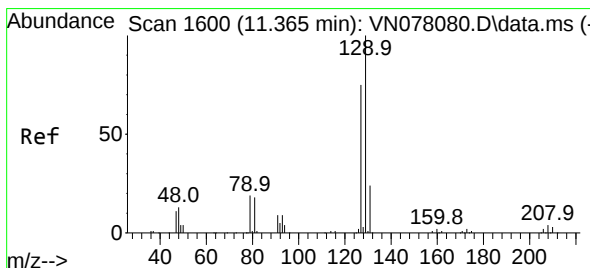
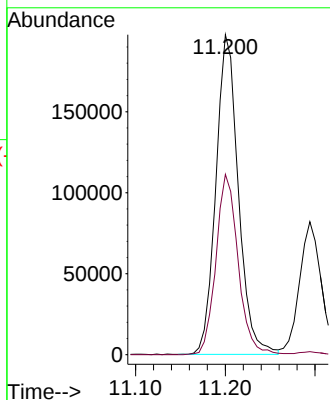
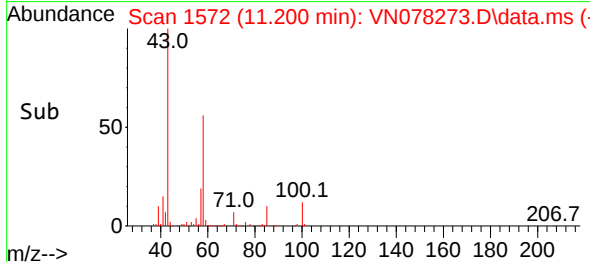
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 43 Resp: 34339
Ion Ratio Lower Upper
43 100
58 55.6 31.7 95.1

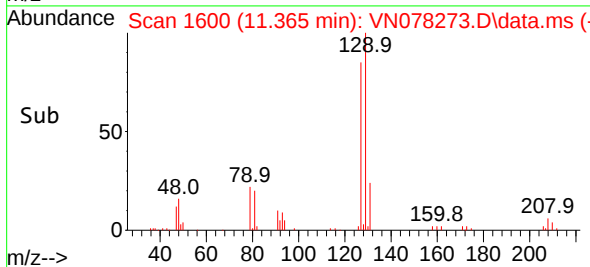
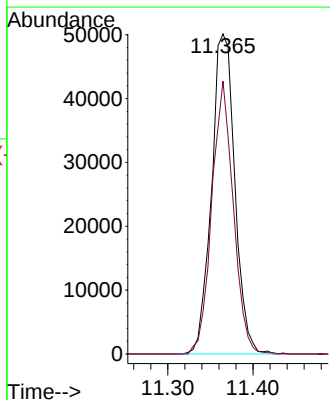
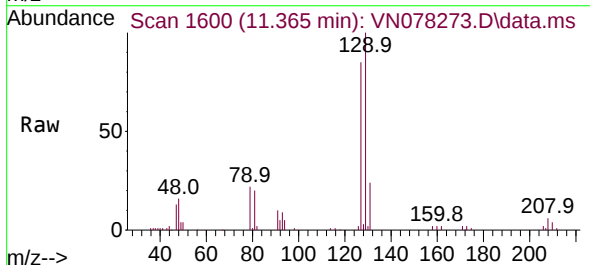
Manual Integrations
APPROVED

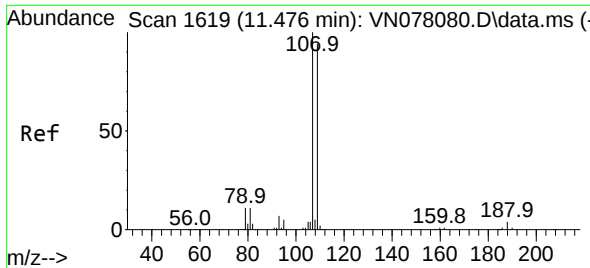
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 20.573 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:129 Resp: 95260
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





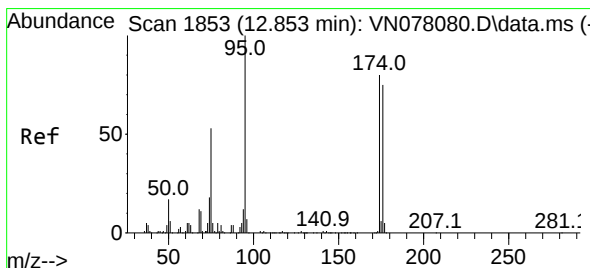
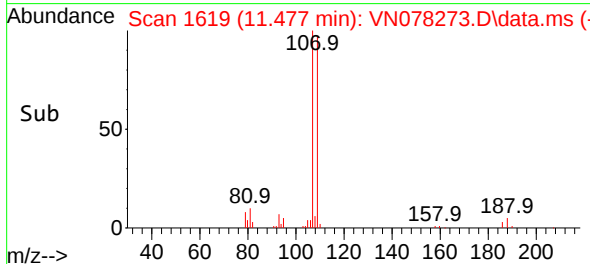
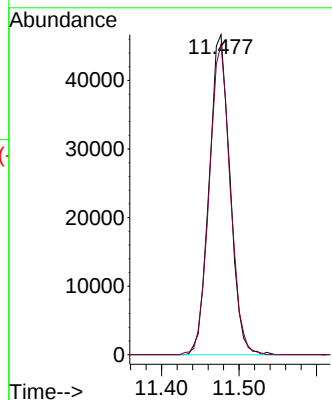
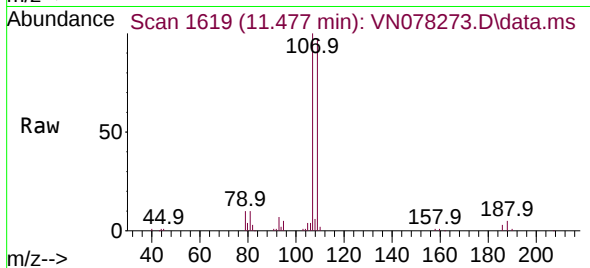
#61
1,2-Dibromoethane
Concen: 19.590 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:107 Resp: 8699
Ion Ratio Lower Upper
107 100
109 98.0 76.6 114.8

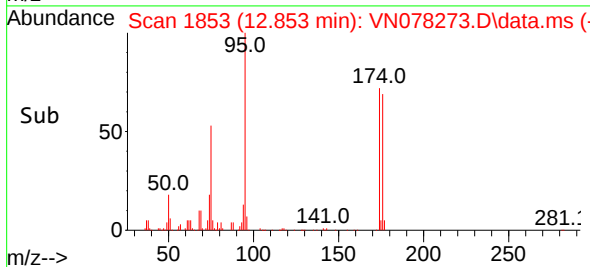
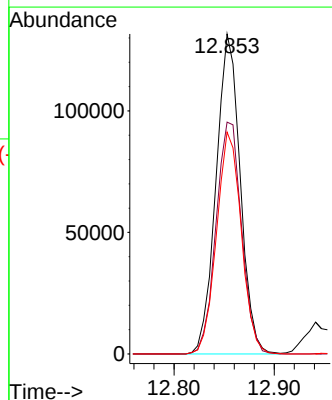
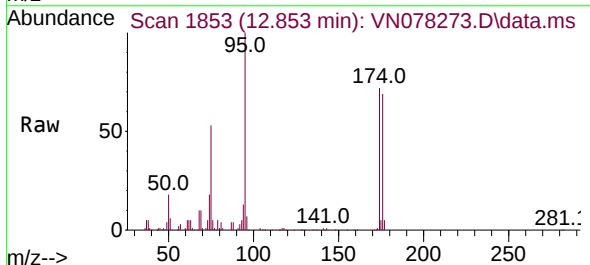
Manual Integrations
APPROVED

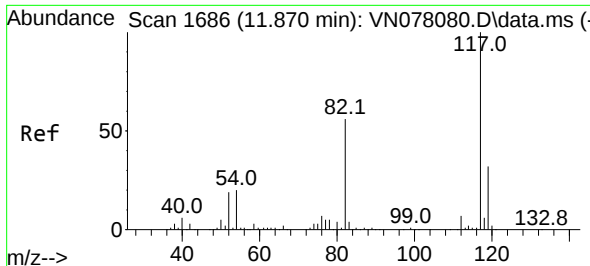
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 44.442 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

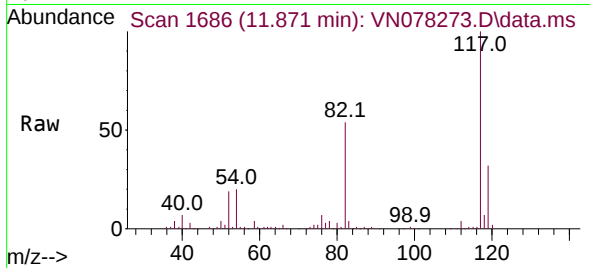
Tgt Ion: 95 Resp: 220359
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 71.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

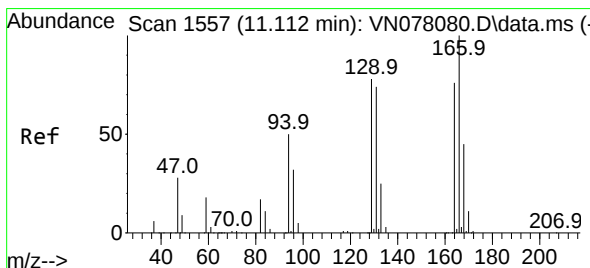
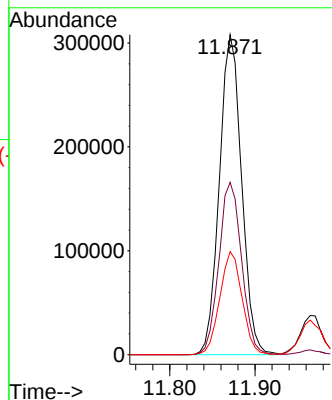
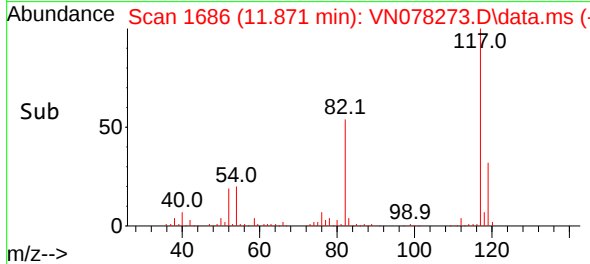
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:117 Resp: 55808
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.2 25.6 38.4

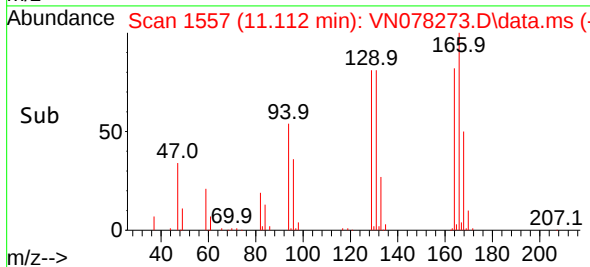
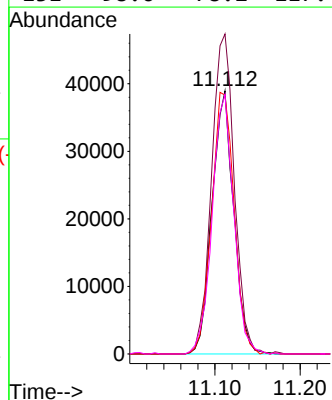
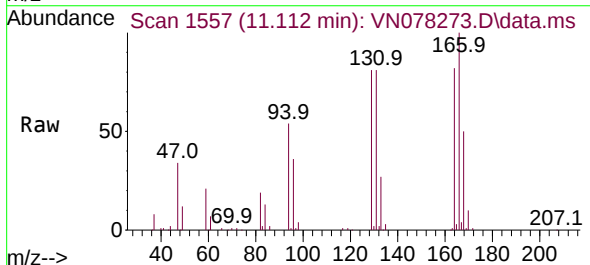
Manual Integrations
APPROVED

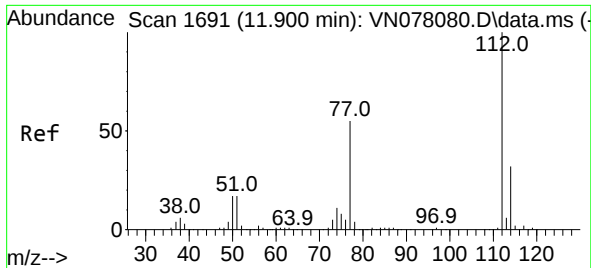
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 18.507 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

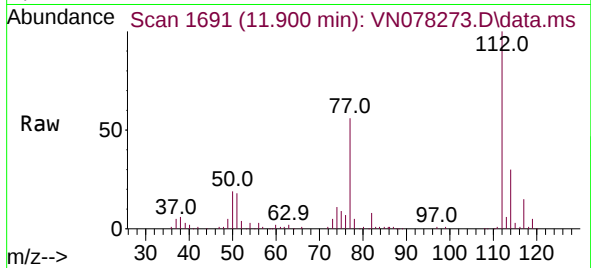
Tgt Ion:164 Resp: 68906
Ion Ratio Lower Upper
164 100
166 121.6 101.4 152.0
129 98.4 82.4 123.6
131 98.6 78.2 117.4





#65
Chlorobenzene
Concen: 19.843 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

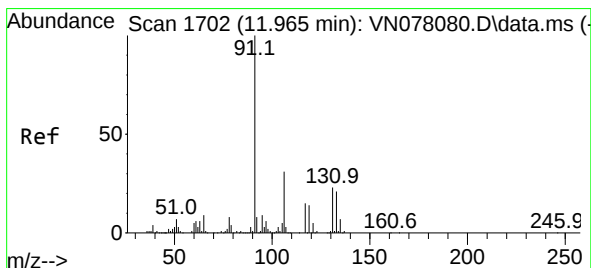
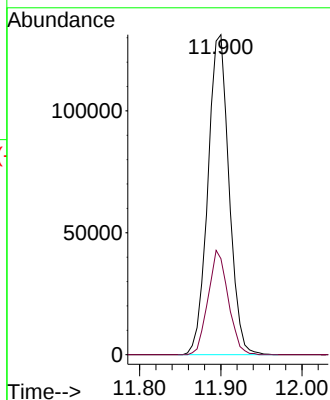
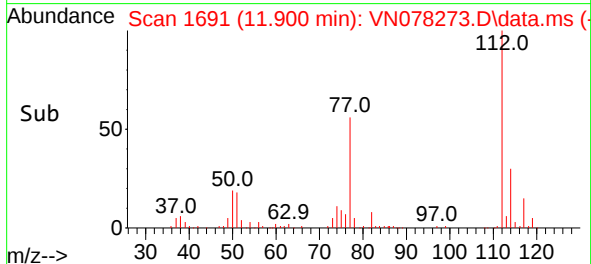
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:112 Resp: 237154
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.4

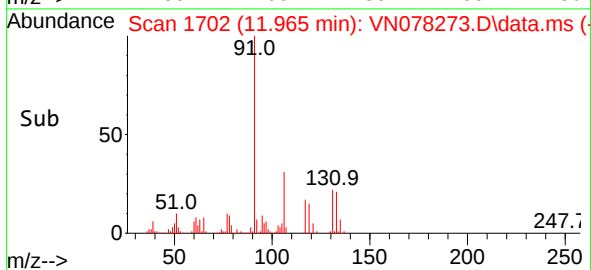
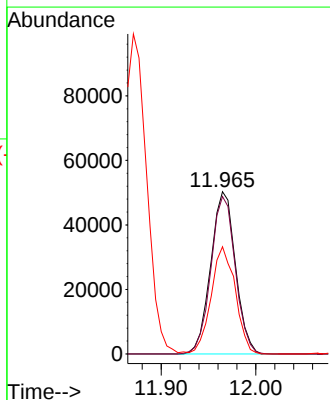
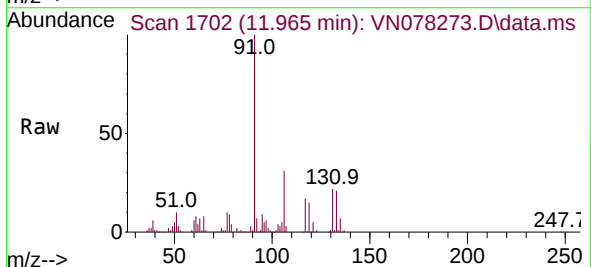
Manual Integrations
APPROVED

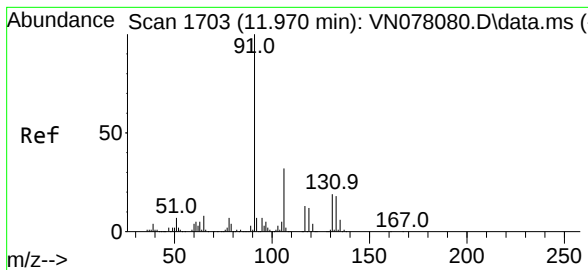
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.822 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:131 Resp: 91531
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 64.4 34.1 102.2





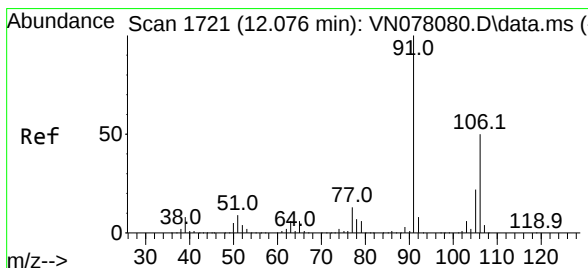
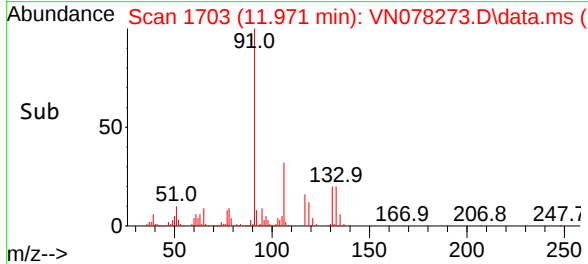
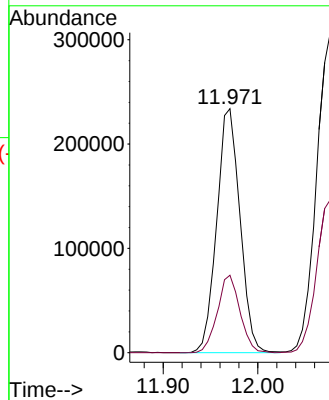
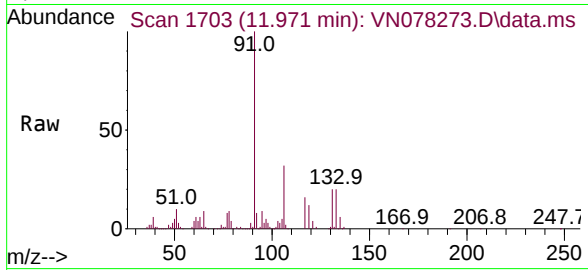
#67
Ethyl Benzene
Concen: 19.378 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 91 Resp: 39962
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

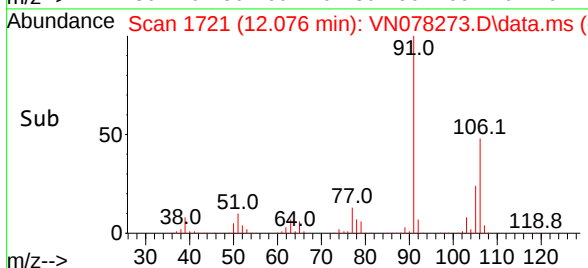
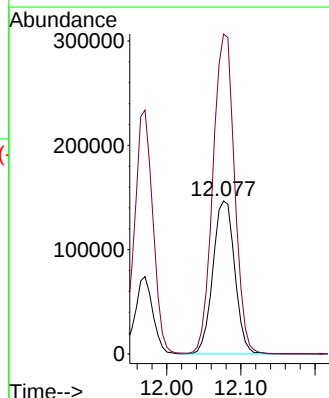
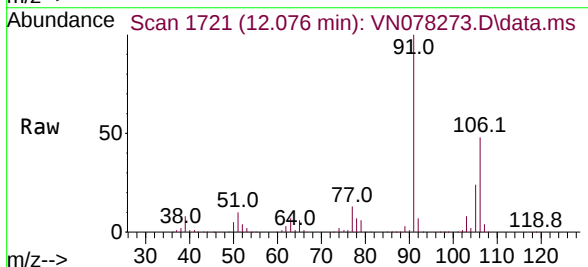
Manual Integrations
APPROVED

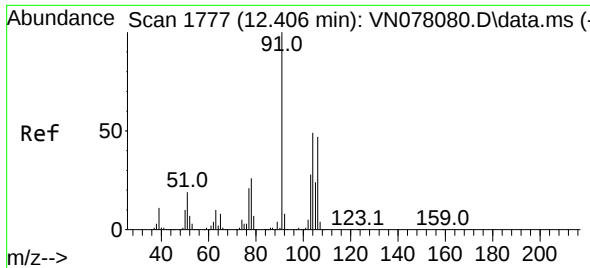
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 38.145 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:106 Resp: 299788
Ion Ratio Lower Upper
106 100
91 207.0 159.6 239.4





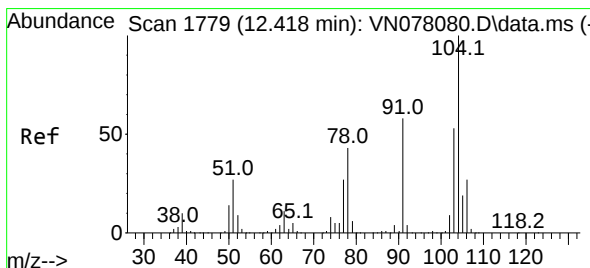
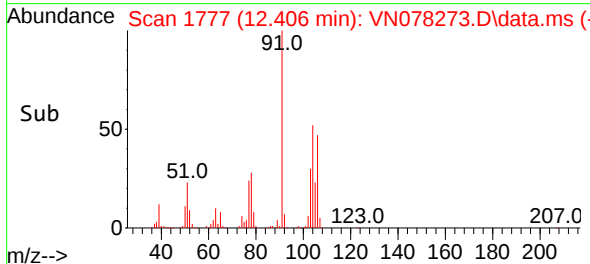
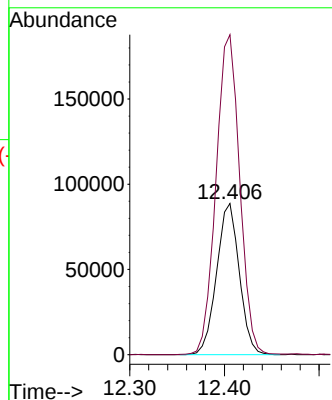
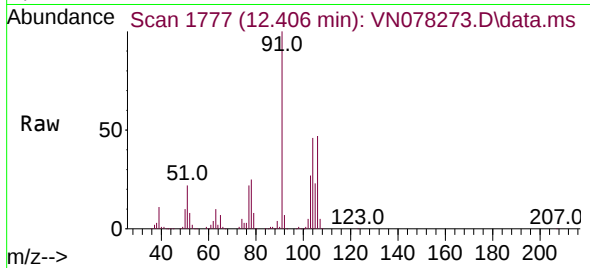
#69
o-Xylene
Concen: 19.154 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:106 Resp: 147829
Ion Ratio Lower Upper
106 100
91 221.2 105.2 315.5

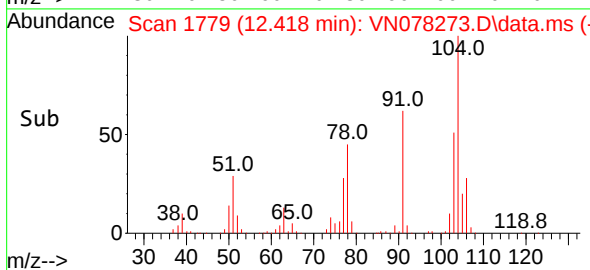
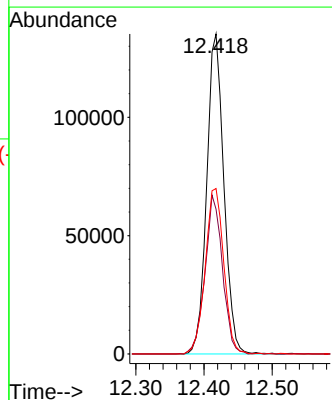
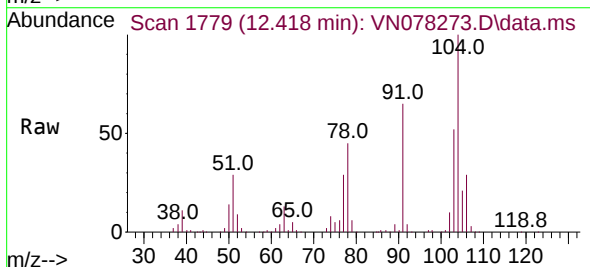
Manual Integrations
APPROVED

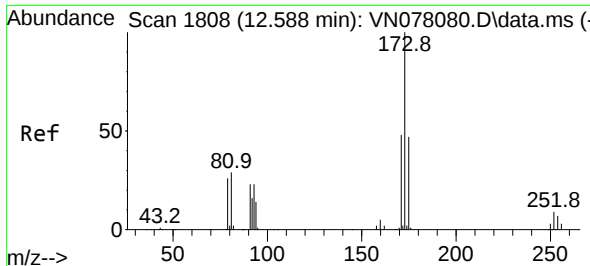
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 19.463 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

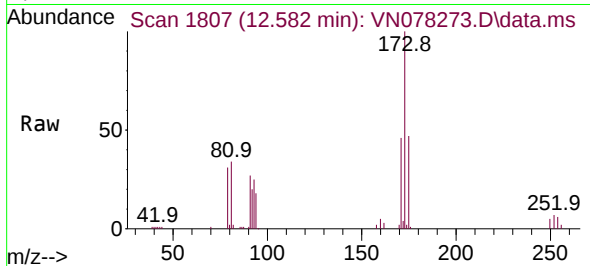
Tgt Ion:104 Resp: 236481
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 20.782 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

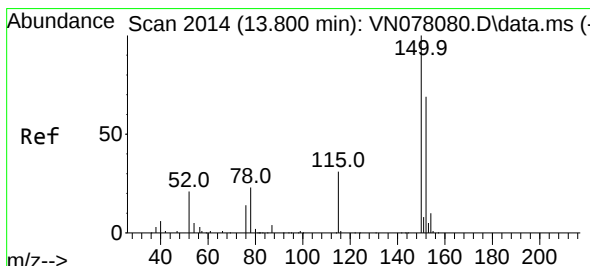
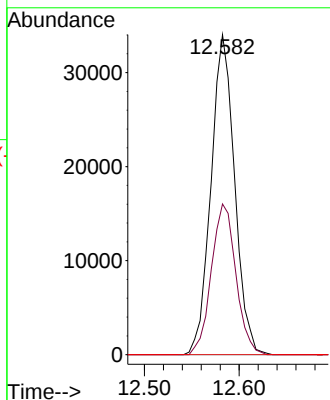
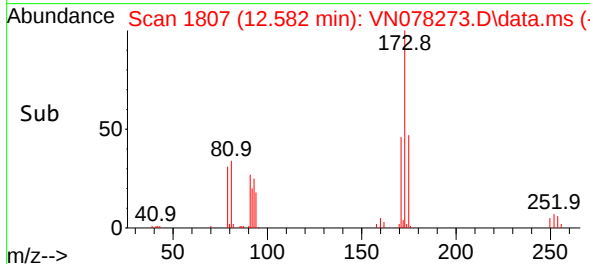
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



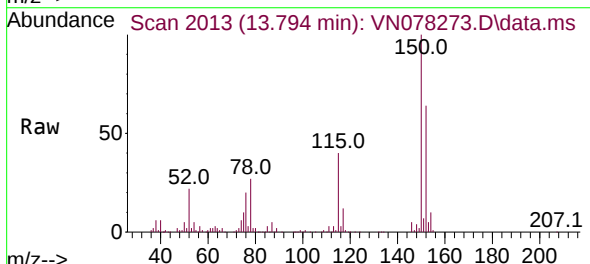
Tgt Ion:173 Resp: 58950
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

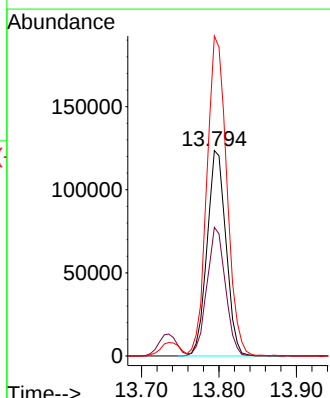
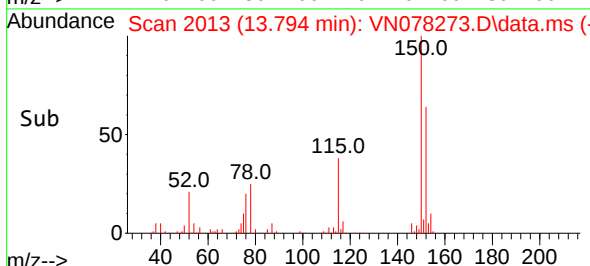
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

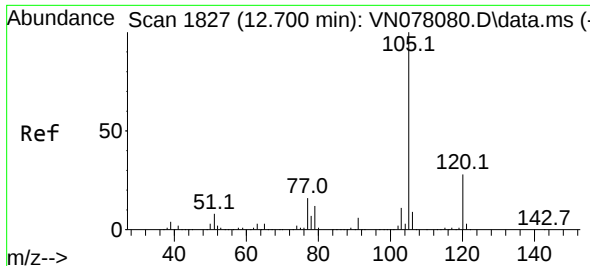


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



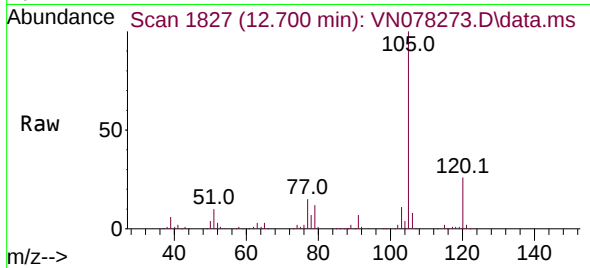
Tgt Ion:152 Resp: 209381
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 164.1 0.0 355.8





#73
Isopropylbenzene
Concen: 19.066 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

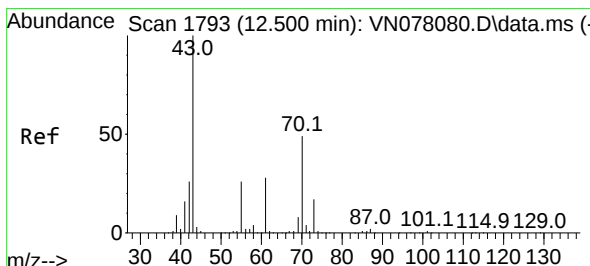
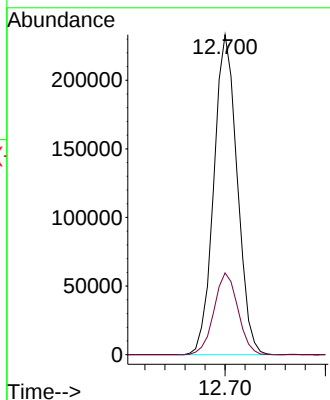
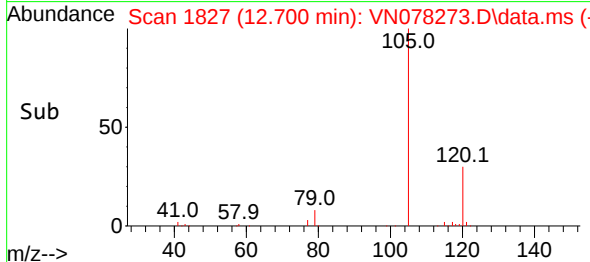
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



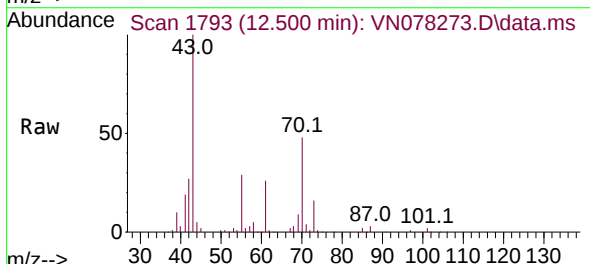
Tgt Ion:105 Resp: 377495
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

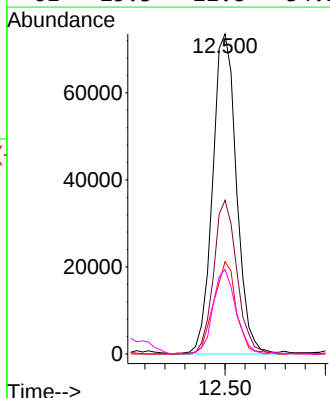
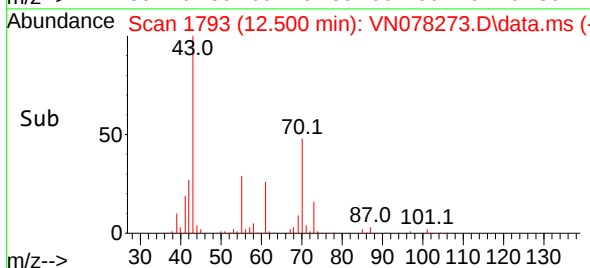
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

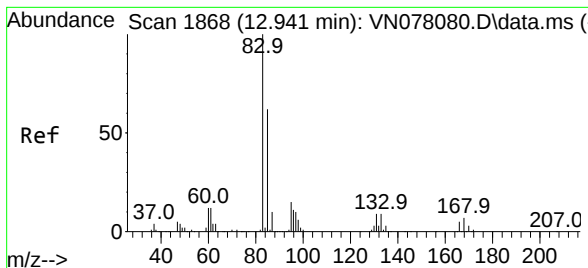


#74
N-ethyl acetate
Concen: 18.640 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



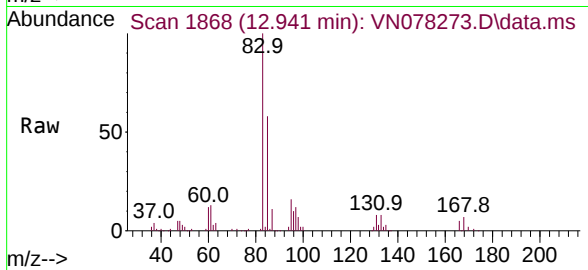
Tgt Ion: 43 Resp: 121535
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 27.3 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.786 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

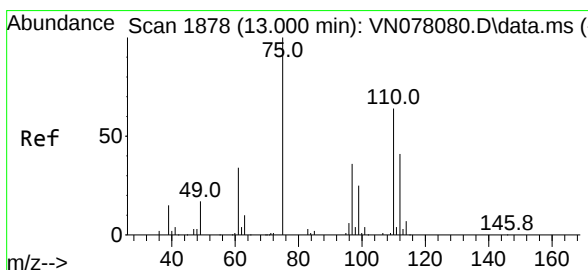
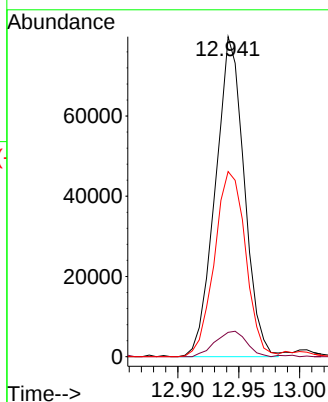
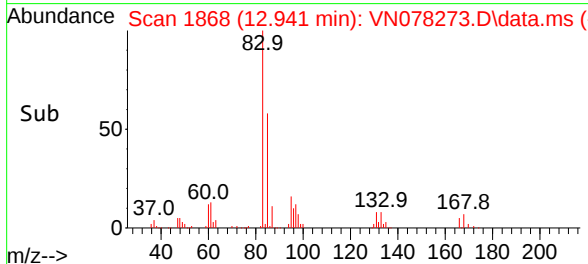
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 83 Resp: 131338
Ion Ratio Lower Upper
83 100
131 8.7 5.0 15.0
85 62.5 31.9 95.7

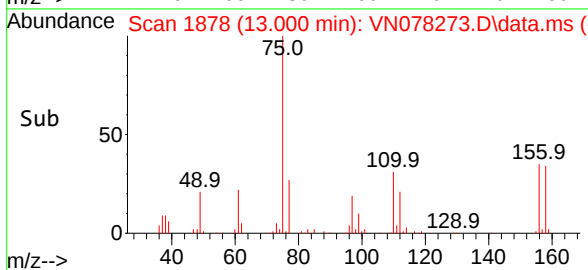
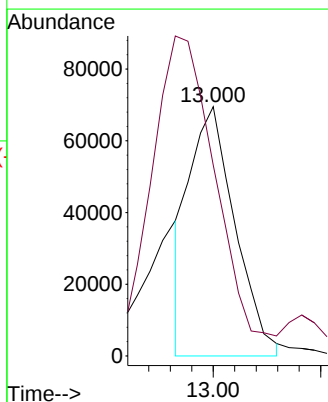
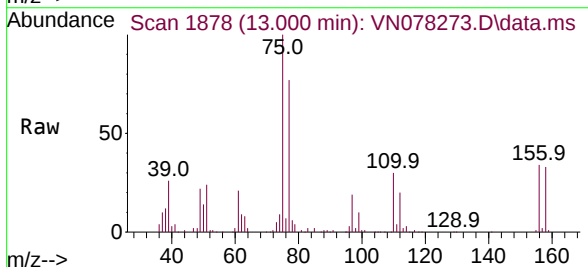
Manual Integrations
APPROVED

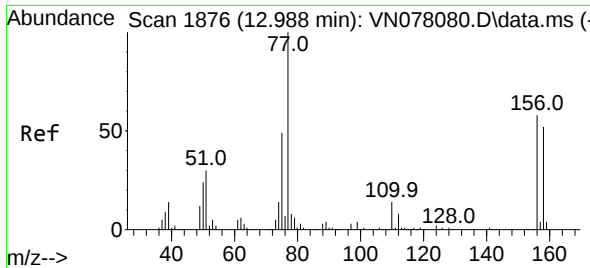
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 20.670 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

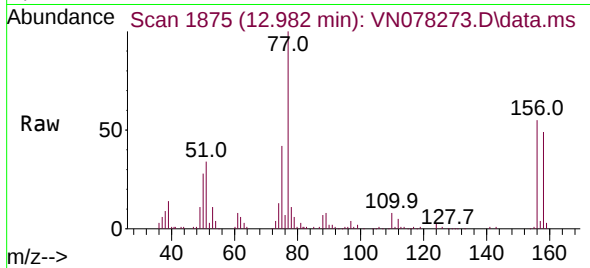
Tgt Ion: 75 Resp: 102311
Ion Ratio Lower Upper
75 100
77 184.1 84.5 253.5





#77
Bromobenzene
Concen: 18.746 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

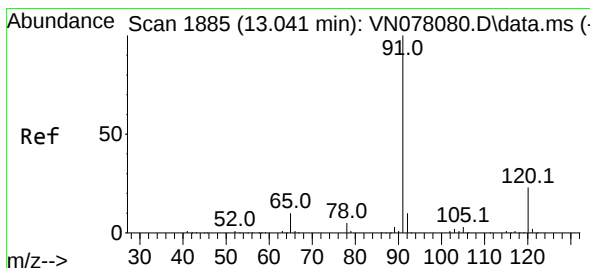
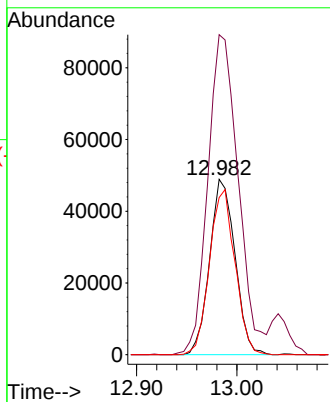
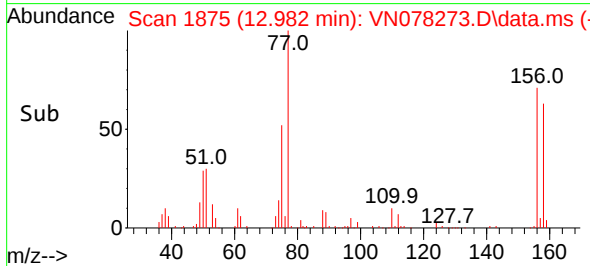
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



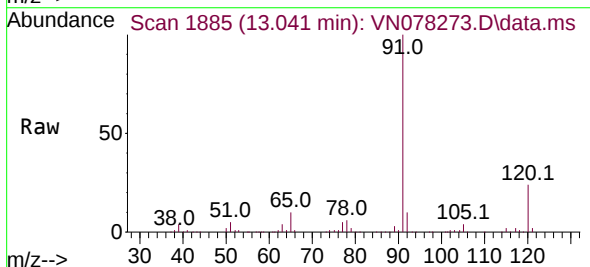
Tgt Ion:156 Resp: 8616
Ion Ratio Lower Upper
156 100
77 218.6 107.7 323.3
158 94.6 48.4 145.3

Manual Integrations
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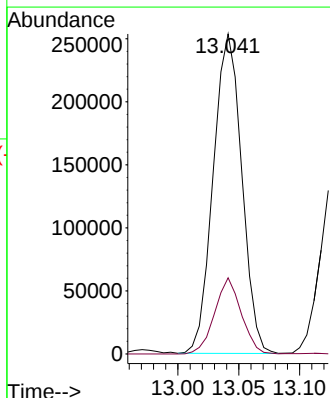
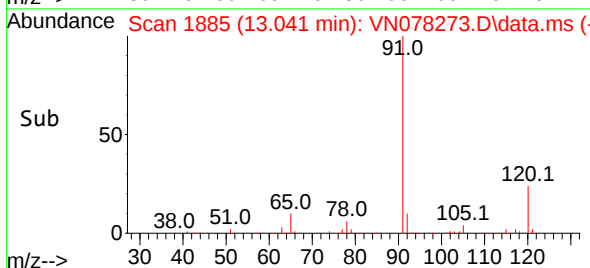
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

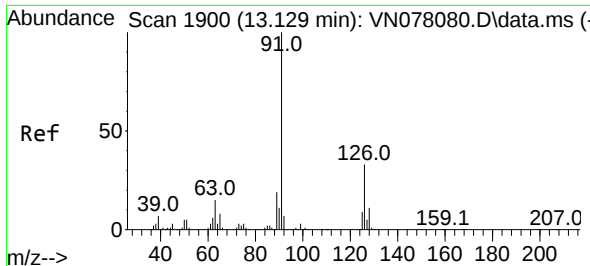


#78
n-propylbenzene
Concen: 19.208 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



Tgt Ion: 91 Resp: 413195
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





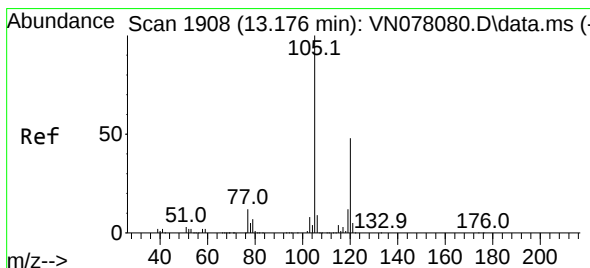
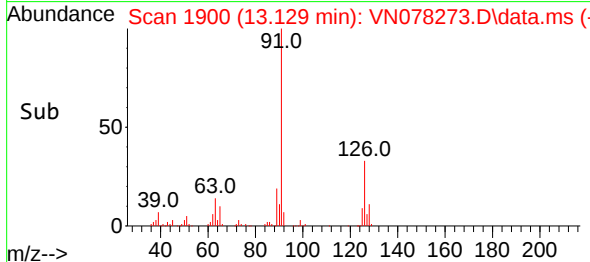
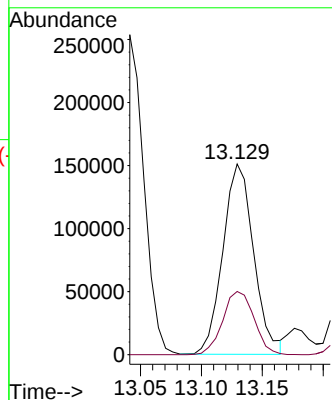
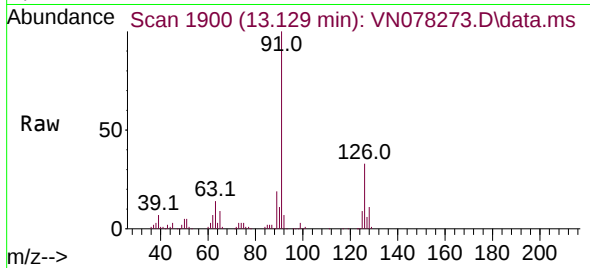
#79
2-Chlorotoluene
Concen: 19.131 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 91 Resp: 265652
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

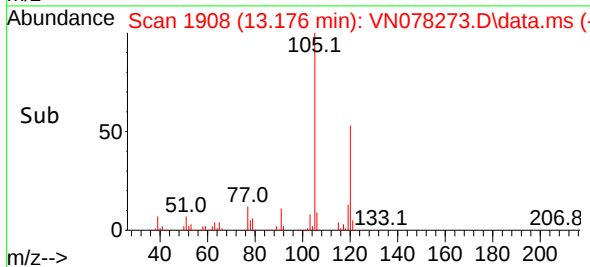
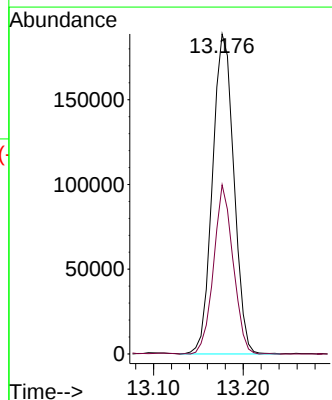
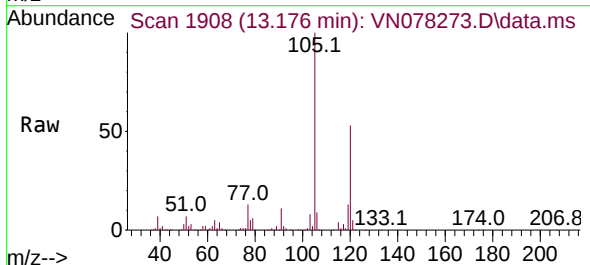
Manual Integrations
APPROVED

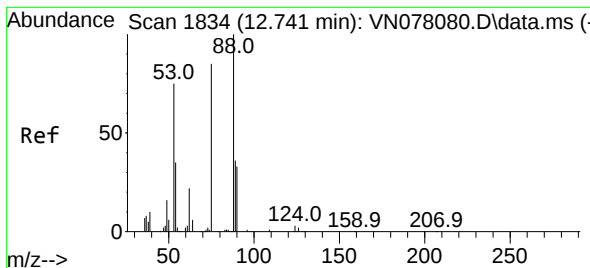
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.457 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

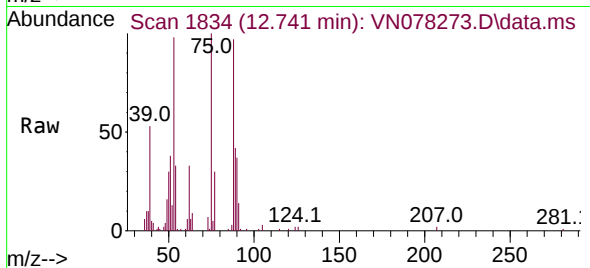
Tgt Ion:105 Resp: 311893
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 23.625 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

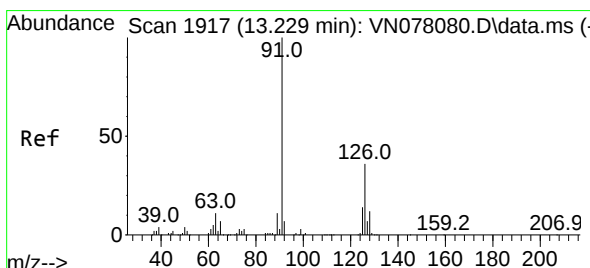
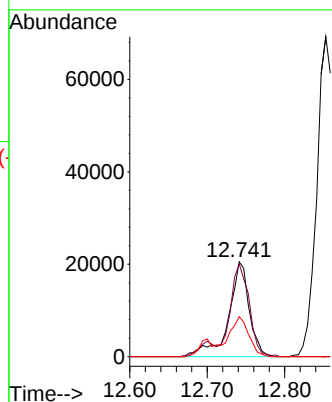
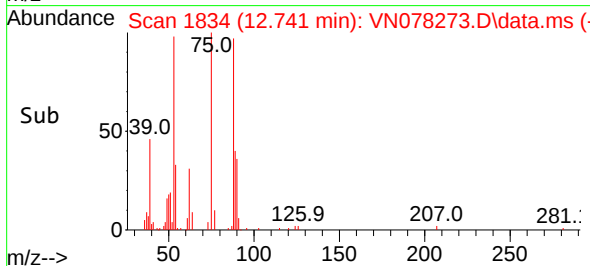
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



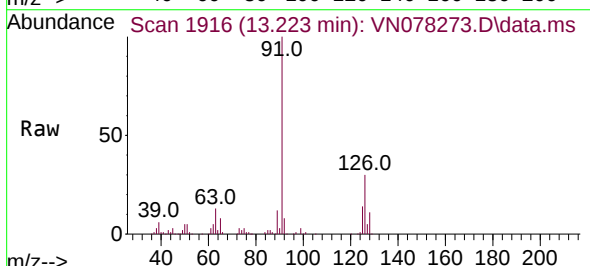
Tgt Ion: 75 Resp: 38062
Ion Ratio Lower Upper
75 100
53 88.6 67.4 101.2
89 38.0 38.8 58.2

Manual Integrations
APPROVED

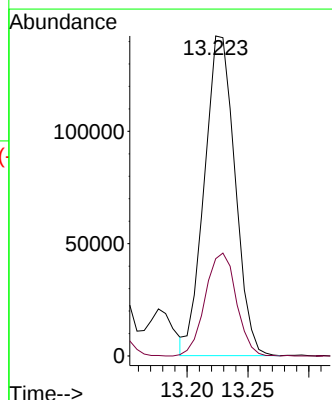
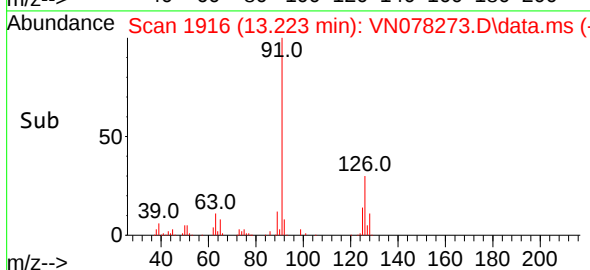
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

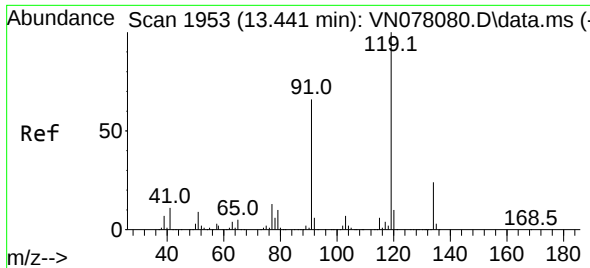


#82
4-Chlorotoluene
Concen: 19.233 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25



Tgt Ion: 91 Resp: 249249
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





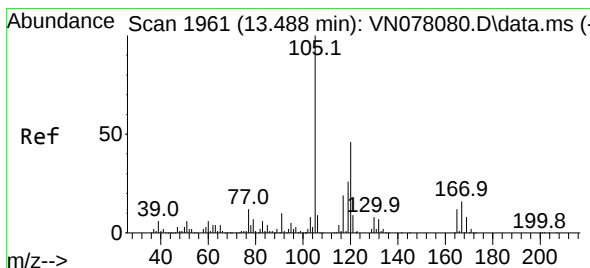
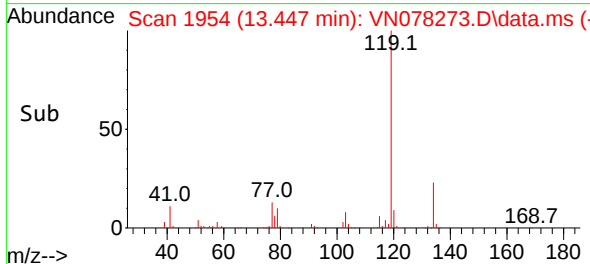
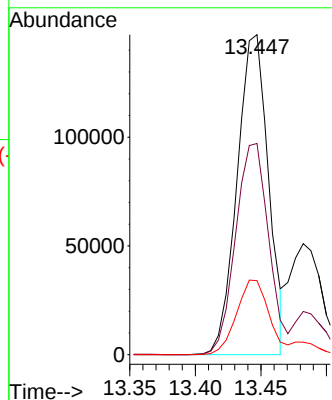
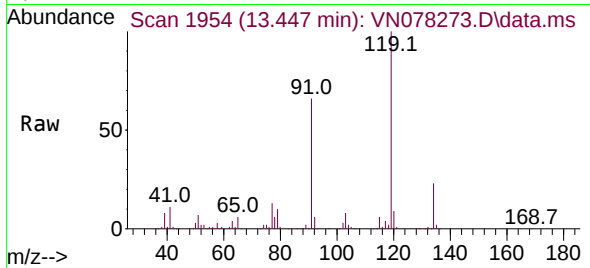
#83
tert-Butylbenzene
Concen: 17.599 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:119 Resp: 245234
Ion Ratio Lower Upper
119 100
91 69.9 33.9 101.7
134 24.2 13.2 39.6

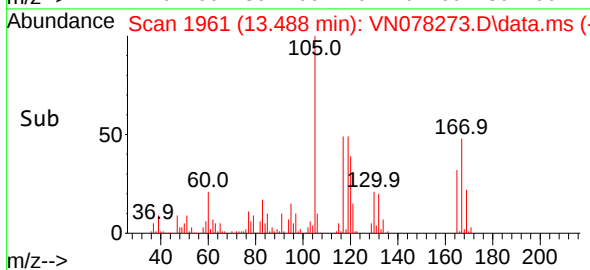
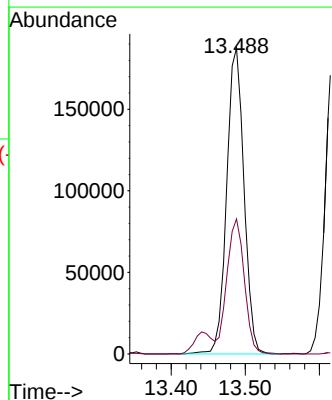
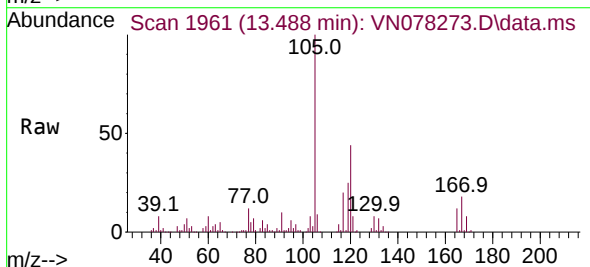
Manual Integrations
APPROVED

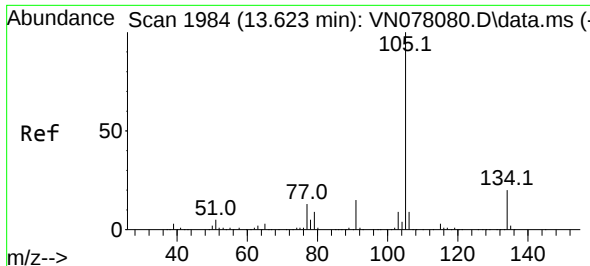
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.565 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:105 Resp: 304064
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





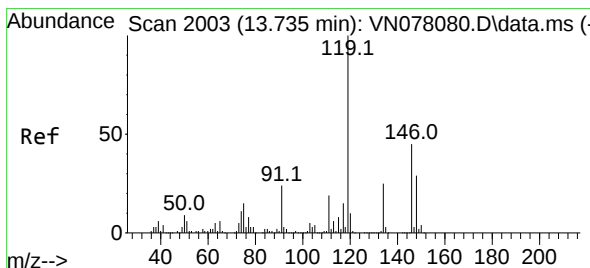
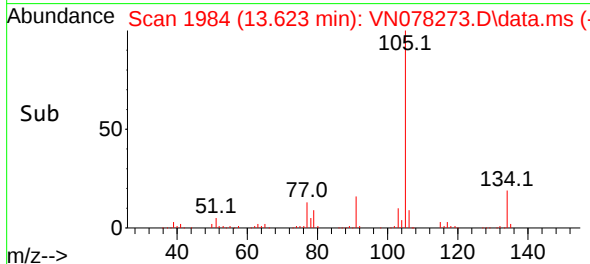
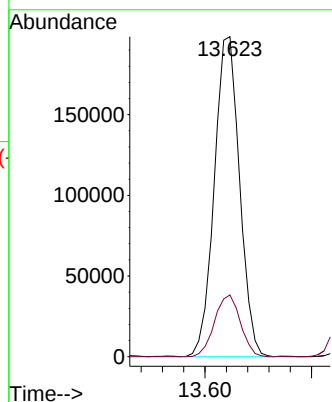
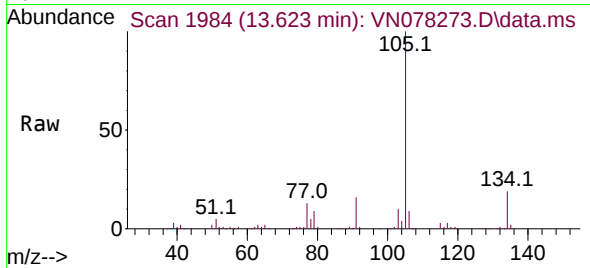
#85
 sec-Butylbenzene
 Concen: 17.907 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078273.D
 Acq: 19 Jun 2023 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Tgt Ion:105 Resp: 326600
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

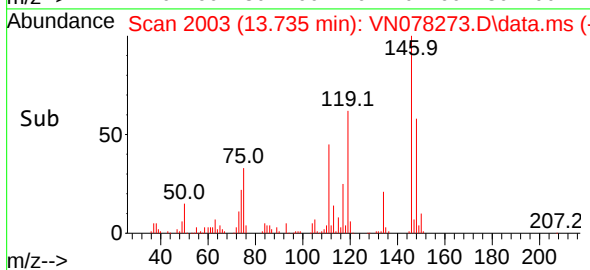
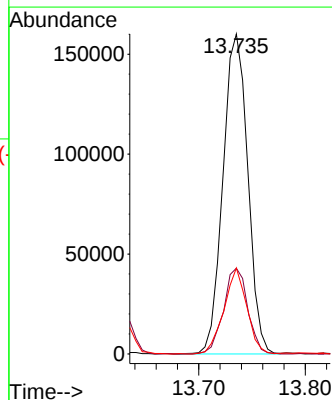
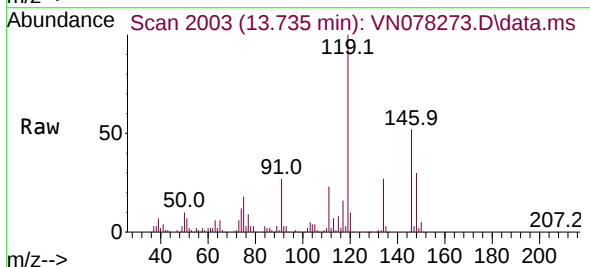
Manual Integrations
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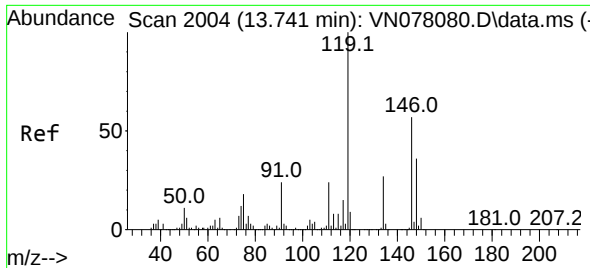
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 17.489 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078273.D
 Acq: 19 Jun 2023 12:25

Tgt Ion:119 Resp: 258845
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.7 12.4 37.2





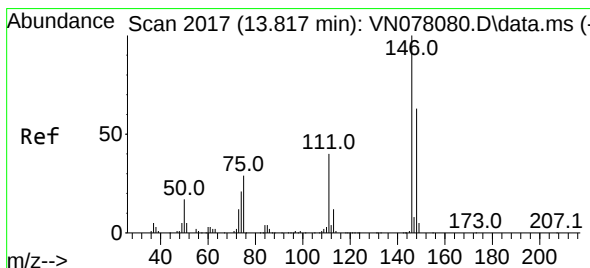
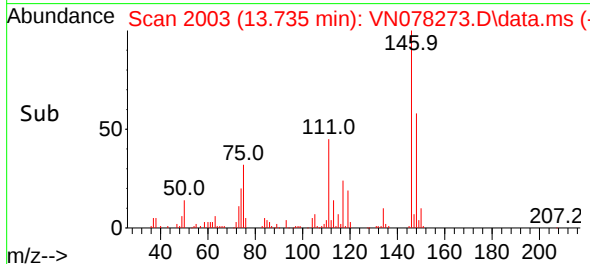
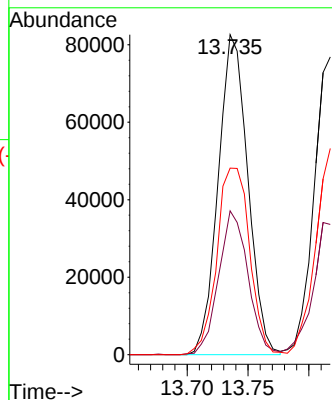
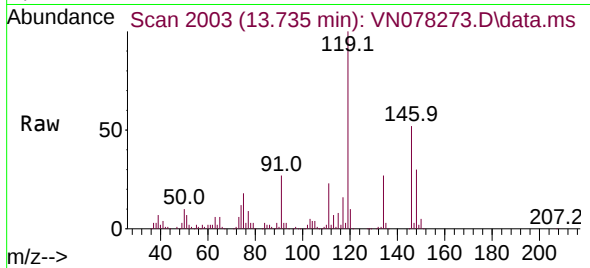
#87
1,3-Dichlorobenzene
Concen: 17.994 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:146 Resp: 139894
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.3
148 64.6 32.0 96.0

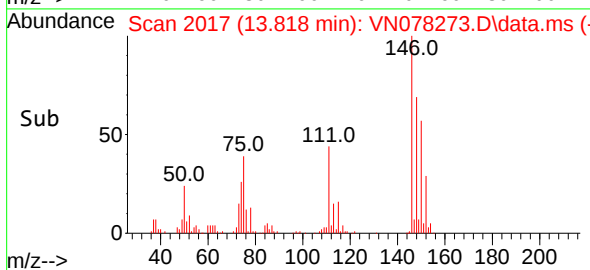
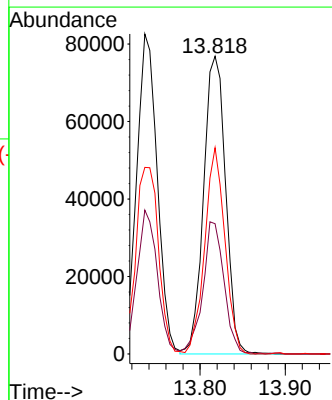
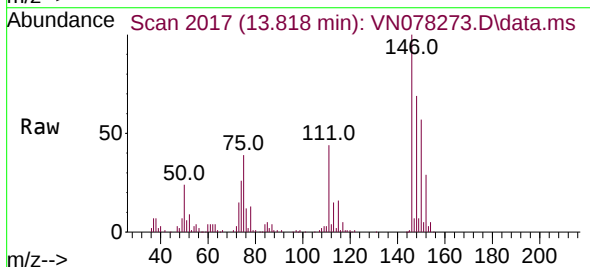
Manual Integrations
APPROVED

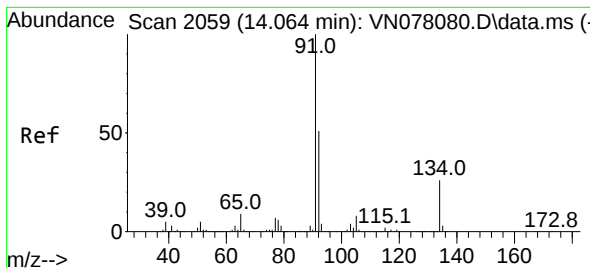
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#88
1,4-Dichlorobenzene
Concen: 18.344 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion:146 Resp: 137619
Ion Ratio Lower Upper
146 100
111 42.9 20.6 61.8
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 16.280 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 91 Resp: 19005

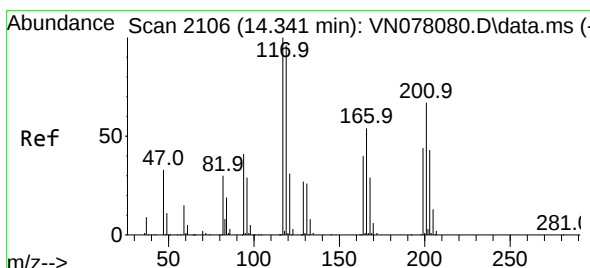
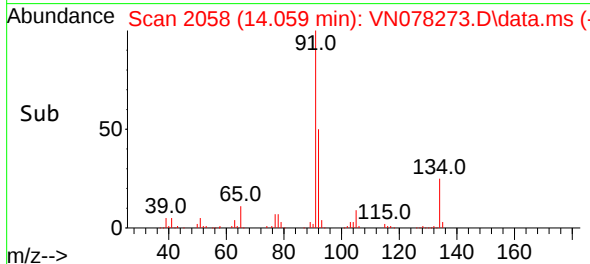
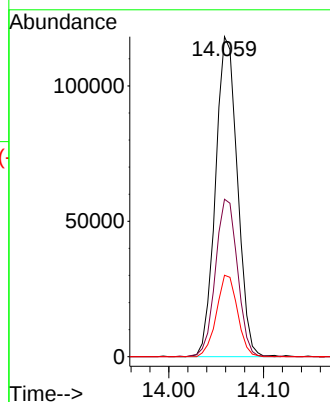
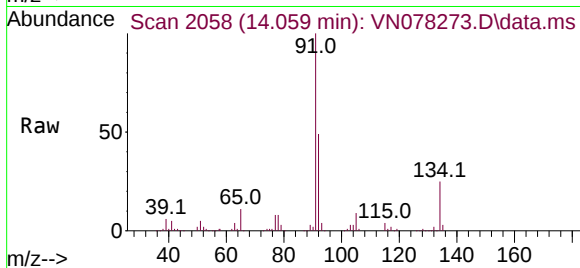
Ion	Ratio	Lower	Upper
91	100		
92	49.7	26.4	79.0
134	24.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#90

Hexachloroethane

Concen: 19.748 ug/l

RT: 14.335 min Scan# 2105

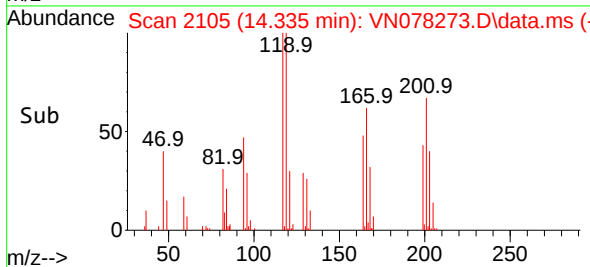
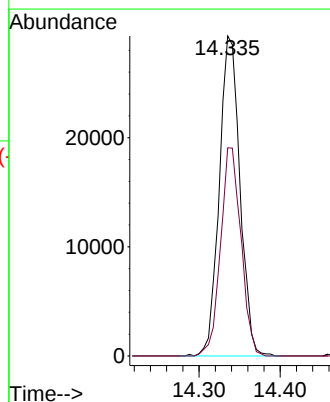
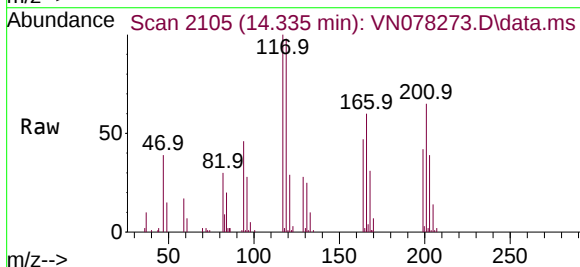
Delta R.T. -0.006 min

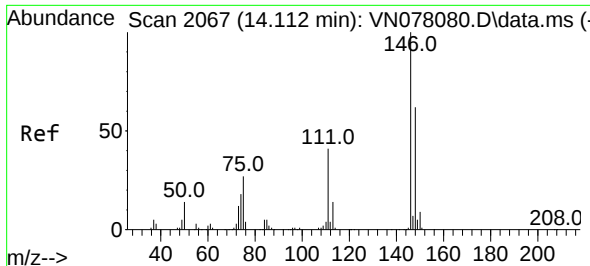
Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Tgt Ion:117 Resp: 51868

Ion	Ratio	Lower	Upper
117	100		
201	64.4	29.3	88.0





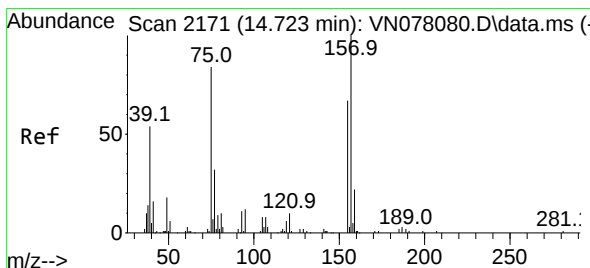
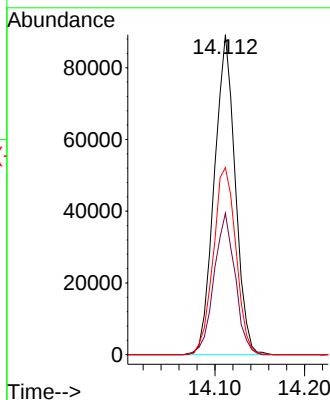
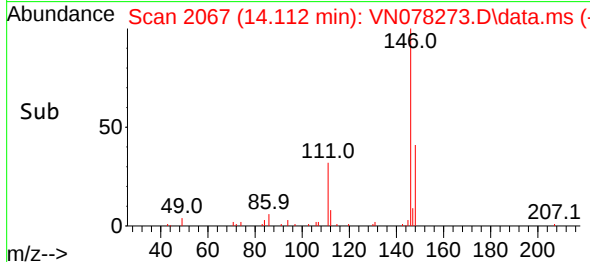
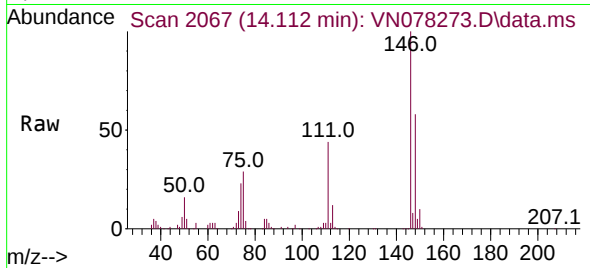
#91
1,2-Dichlorobenzene
Concen: 18.972 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:146 Resp: 14415
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.5 31.8 95.3

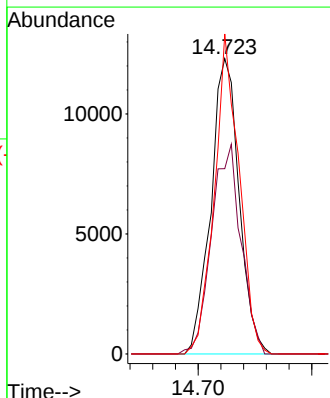
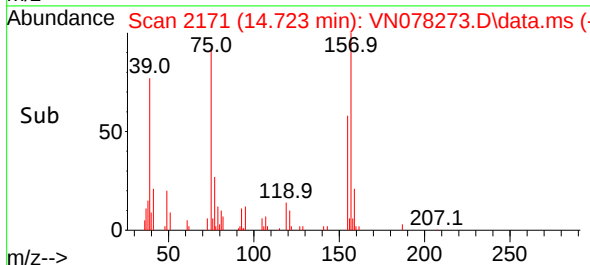
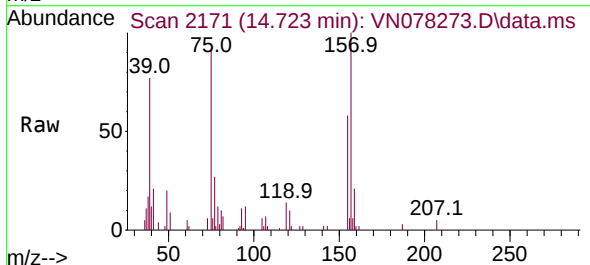
Manual Integrations
APPROVED

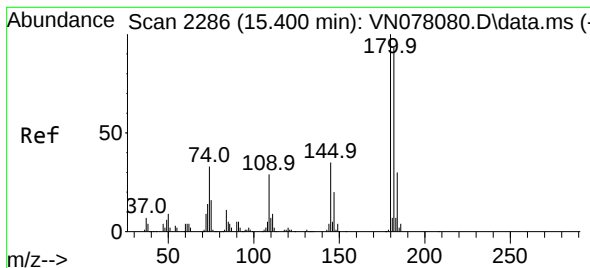
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.683 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078273.D
Acq: 19 Jun 2023 12:25

Tgt Ion: 75 Resp: 21265
Ion Ratio Lower Upper
75 100
155 73.9 39.1 117.2
157 94.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.435 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

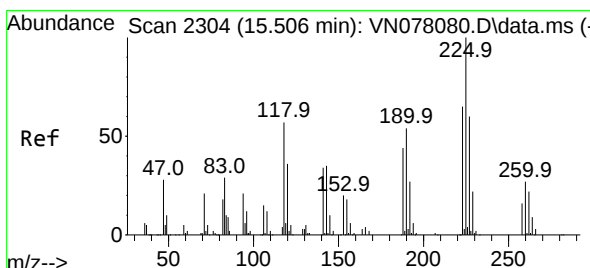
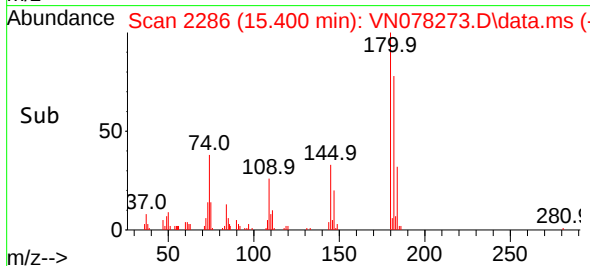
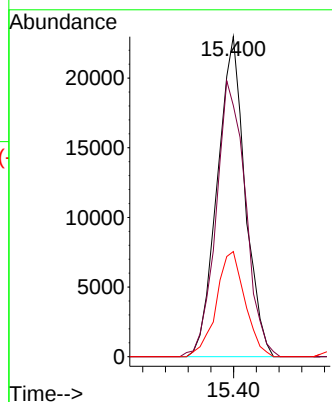
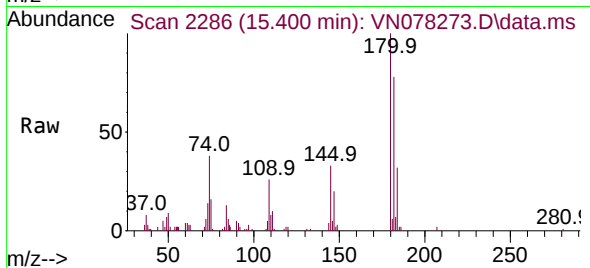
Tgt Ion:	180	Resp:	39080
Ion Ratio	Lower	Upper	
180	100		
182	91.0	46.1	138.2
145	33.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 16.488 ug/l

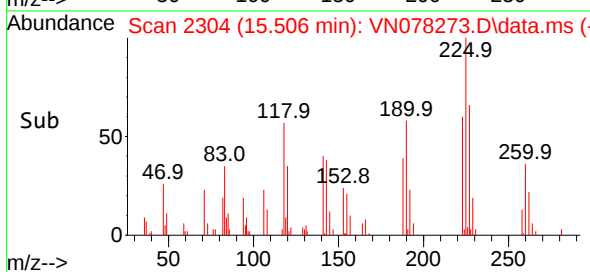
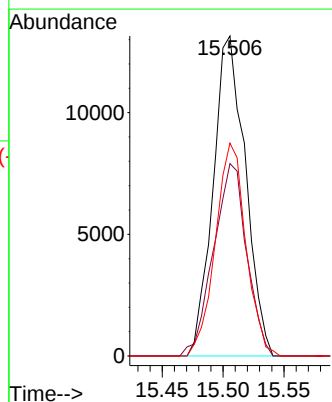
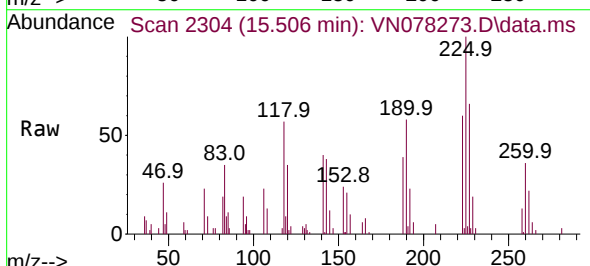
RT: 15.506 min Scan# 2304

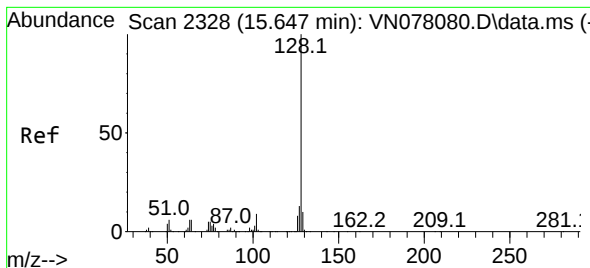
Delta R.T. -0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Tgt Ion:	225	Resp:	24262
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.3	93.8
227	62.8	31.9	95.9





#95

Naphthalene

Concen: 13.594 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

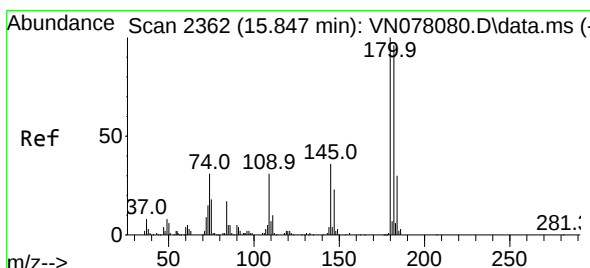
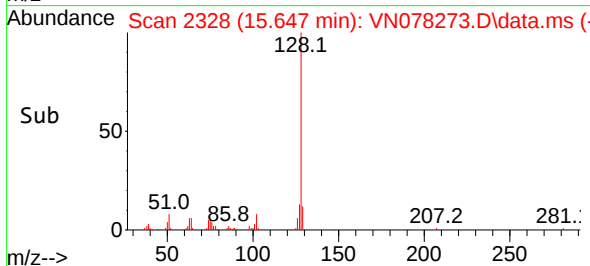
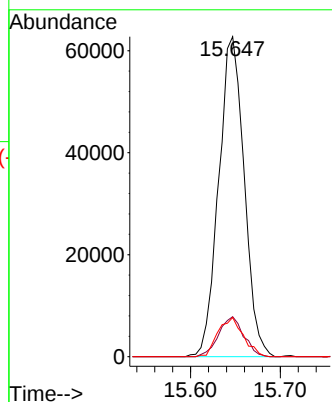
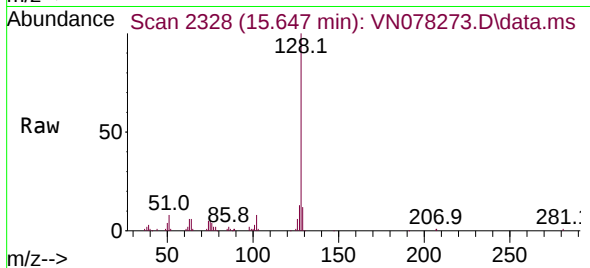
Tgt Ion:	128	Resp:	12379
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.0	15.0
129	12.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.177 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078273.D

Acq: 19 Jun 2023 12:25

Tgt Ion:	180	Resp:	45954
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.2	138.6
145	31.8	17.5	52.6

