

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078223.D
 Acq On : 15 Jun 2023 12:56
 Operator : JC\MD
 Sample : VN0615WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBS01

Quant Time: Jun 16 06:04:29 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	375957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	664252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	566989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	278892	55.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.280%			
35) Dibromofluoromethane	8.171	113	235650	56.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.220%			
50) Toluene-d8	10.571	98	874445	54.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.853	95	263033	52.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	72423	17.042	ug/l	96
3) Chloromethane	2.371	50	79963	18.864	ug/l	94
4) Vinyl Chloride	2.524	62	105582	18.973	ug/l	99
5) Bromomethane	2.965	94	80913	19.239	ug/l	96
6) Chloroethane	3.130	64	79719	21.014	ug/l	99
7) Trichlorofluoromethane	3.506	101	146267	19.382	ug/l	97
8) Diethyl Ether	3.971	74	50223	18.941	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	79197	19.886	ug/l	94
10) Methyl Iodide	4.600	142	104409	18.538	ug/l	97
11) Tert butyl alcohol	5.536	59	62374	90.117	ug/l	98
12) 1,1-Dichloroethene	4.347	96	75052	18.281	ug/l	88
13) Acrolein	4.189	56	75006	98.326	ug/l	98
14) Allyl chloride	5.036	41	104464	20.845	ug/l	92
15) Acrylonitrile	5.736	53	181597	101.766	ug/l	96
16) Acetone	4.436	43	155439	107.732	ug/l	97
17) Carbon Disulfide	4.724	76	182366	17.258	ug/l	96
18) Methyl Acetate	5.036	43	132214	19.904	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	260016	19.850	ug/l	95
20) Methylene Chloride	5.283	84	90718	19.027	ug/l	89
21) trans-1,2-Dichloroethene	5.806	96	82992	18.743	ug/l	93
22) Diisopropyl ether	6.683	45	249063	21.128	ug/l #	93
23) Vinyl Acetate	6.612	43	716487	102.246	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	160971	20.700	ug/l	95
25) 2-Butanone	7.494	43	235645	106.206	ug/l	88
26) 2,2-Dichloropropane	7.500	77	135455	23.590	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	100363	19.002	ug/l	93
28) Bromochloromethane	7.818	49	80223	22.468	ug/l	87
29) Tetrahydrofuran	7.853	42	149931	101.083	ug/l #	83
30) Chloroform	7.977	83	174162	20.798	ug/l	94
31) Cyclohexane	8.265	56	126300	19.642	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	151655	20.629	ug/l	97
36) 1,1-Dichloropropene	8.377	75	122574	20.346	ug/l	97
37) Ethyl Acetate	7.571	43	94892	20.163	ug/l #	92
38) Carbon Tetrachloride	8.371	117	136190	21.410	ug/l	92
39) Methylcyclohexane	9.606	83	108640	17.401	ug/l	90
40) Benzene	8.612	78	372250	20.697	ug/l	97

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 Supervised By : Mahesh Dadoda 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54178	21.239	ug/l	91
42) 1,2-Dichloroethane	8.677	62	131818	21.376	ug/l	99
43) Isopropyl Acetate	8.694	43	169753	18.860	ug/l	96
44) Trichloroethene	9.359	130	94336	19.861	ug/l	96
45) 1,2-Dichloropropane	9.629	63	95708	21.388	ug/l	93
46) Dibromomethane	9.712	93	65021	19.727	ug/l	93
47) Bromodichloromethane	9.894	83	138263	22.583	ug/l	97
48) Methyl methacrylate	9.688	41	78201	20.704	ug/l	91
49) 1,4-Dioxane	9.700	88	30968	390.092	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	505035	106.558	ug/l	93
52) Toluene	10.635	92	226478	19.944	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	139997	21.957	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	149573	21.221	ug/l #	91
55) 1,1,2-Trichloroethane	11.023	97	91285	21.251	ug/l	89
56) Ethyl methacrylate	10.876	69	128957	20.617	ug/l	90
57) 1,3-Dichloropropane	11.170	76	157891	21.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	245797	97.278	ug/l	91
59) 2-Hexanone	11.200	43	348038	105.463	ug/l	91
60) Dibromochloromethane	11.365	129	95971	20.417	ug/l	96
61) 1,2-Dibromoethane	11.476	107	95628	21.213	ug/l	94
64) Tetrachloroethene	11.112	164	79604	21.045	ug/l	98
65) Chlorobenzene	11.894	112	240120	19.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	92804	20.780	ug/l	98
67) Ethyl Benzene	11.970	91	423638	20.220	ug/l	98
68) m/p-Xylenes	12.076	106	320103	40.090	ug/l	97
69) o-Xylene	12.400	106	156869	20.006	ug/l	94
70) Styrene	12.417	104	248647	20.143	ug/l	96
71) Bromoform	12.582	173	58594	20.330	ug/l #	97
73) Isopropylbenzene	12.700	105	391071	19.274	ug/l	100
74) N-amyl acetate	12.500	43	125255	18.746	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	131049	22.118	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	100359m	19.785	ug/l	
77) Bromobenzene	12.988	156	90274	19.166	ug/l	100
78) n-propylbenzene	13.041	91	434394	19.705	ug/l	99
79) 2-Chlorotoluene	13.129	91	277460	19.498	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	318876	19.411	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	32616	19.755	ug/l #	85
82) 4-Chlorotoluene	13.229	91	255300	19.223	ug/l	98
83) tert-Butylbenzene	13.441	119	272387	19.075	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	311506	19.559	ug/l	99
85) sec-Butylbenzene	13.623	105	335755	17.964	ug/l	98
86) p-Isopropyltoluene	13.735	119	269840	17.791	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	144128	18.090	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	141215	18.368	ug/l	98
89) n-Butylbenzene	14.059	91	197887	16.542	ug/l	99
90) Hexachloroethane	14.341	117	49887	18.534	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	149023	19.138	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18773	18.679	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	41639	15.009	ug/l	98
94) Hexachlorobutadiene	15.506	225	25268	16.802	ug/l	98
95) Naphthalene	15.647	128	120600	12.923	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	49954	16.099	ug/l	97

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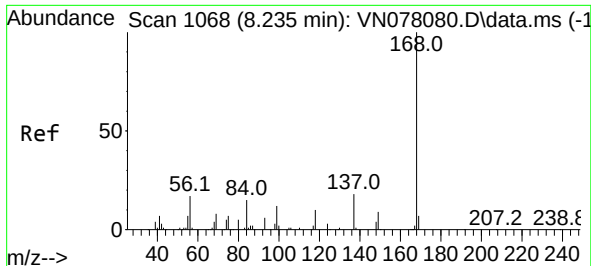
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/16/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

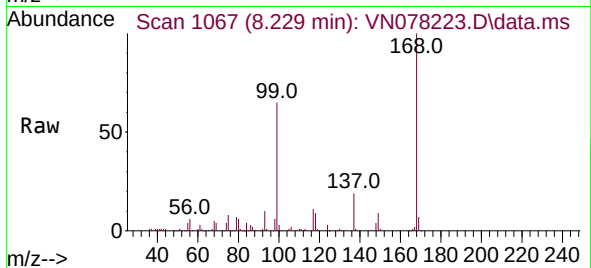
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.005 min
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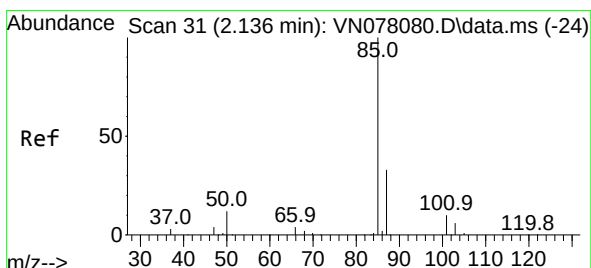
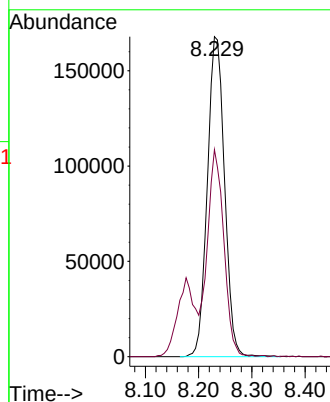
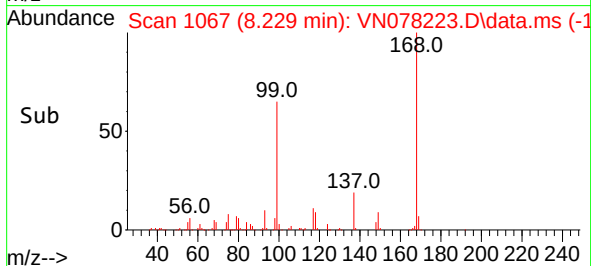
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion:168 Resp: 37595
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6

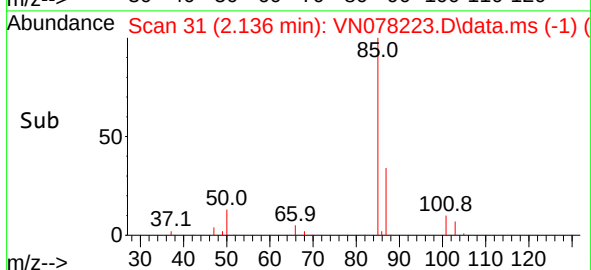
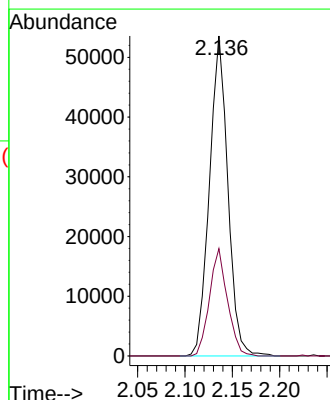
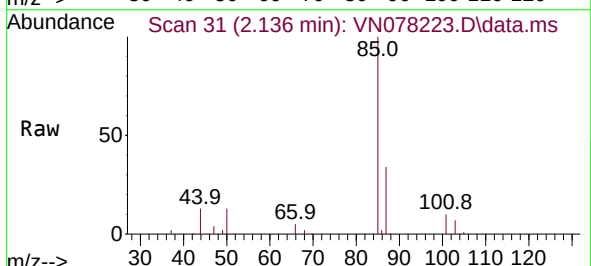
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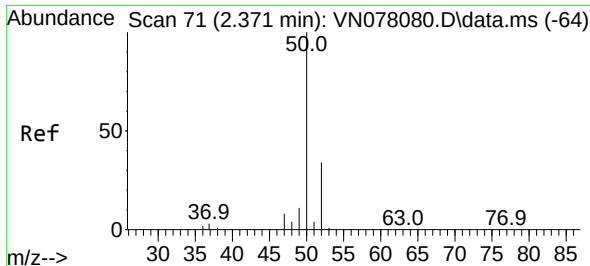
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#2
Dichlorodifluoromethane
Concen: 17.042 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

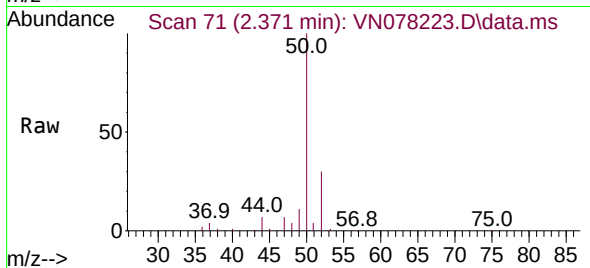
Tgt Ion: 85 Resp: 72423
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 18.864 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

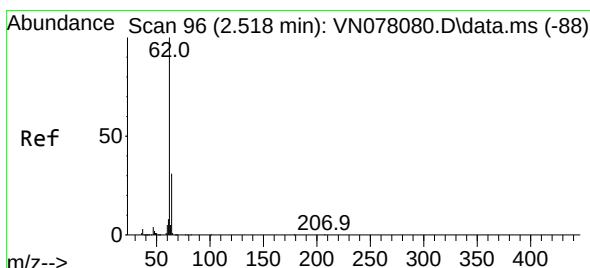
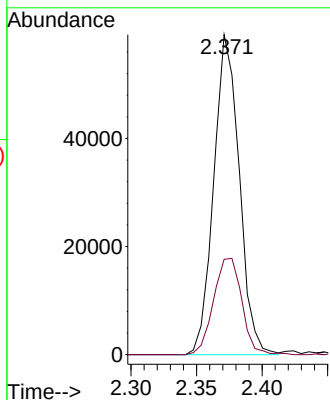
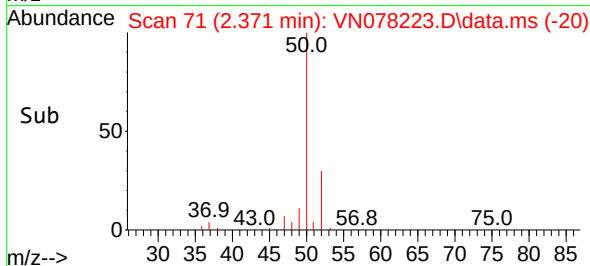
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Tgt Ion: 50 Resp: 7996
Ion Ratio Lower Upper
50 100
52 29.8 26.5 39.7

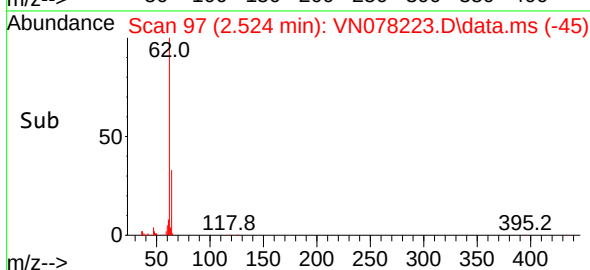
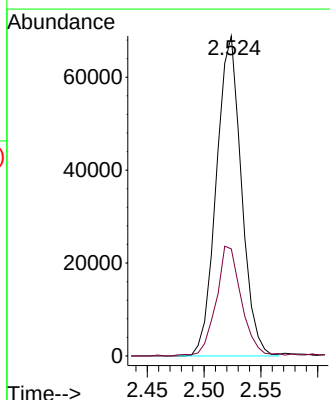
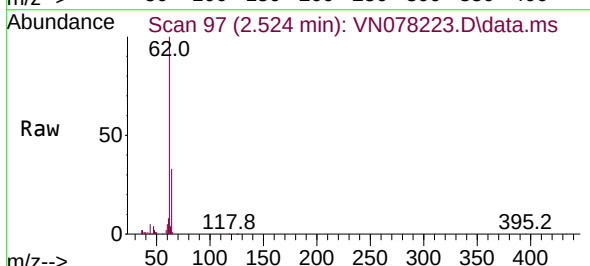
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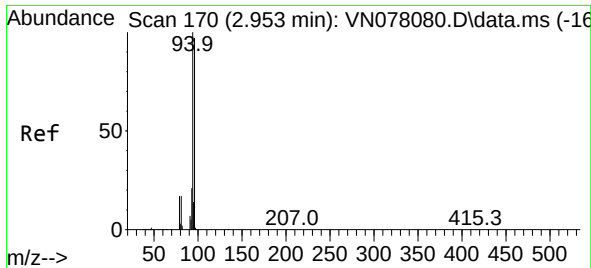
Reviewed By :John Carlone 06/16/2023
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#4
Vinyl Chloride
Concen: 18.973 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078223.D
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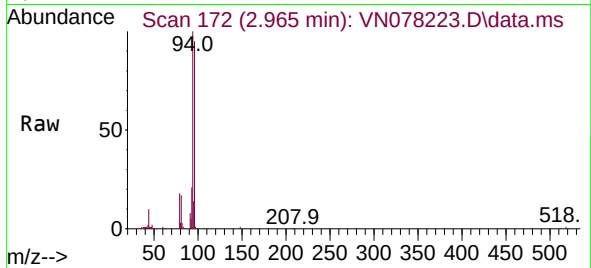
Tgt Ion: 62 Resp: 105582
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5
Bromomethane
Concen: 19.239 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

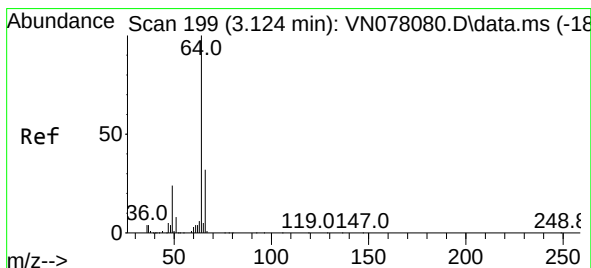
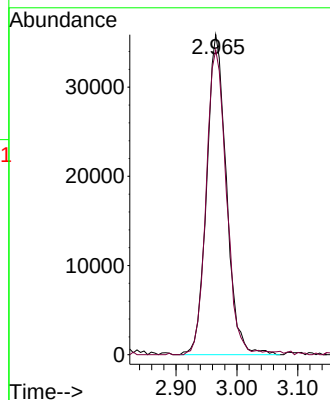
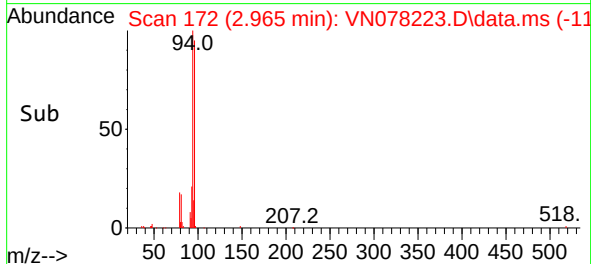
Instrument :
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Tgt Ion: 94 Resp: 8091
Ion Ratio Lower Upper
94 100
96 95.2 73.1 109.7

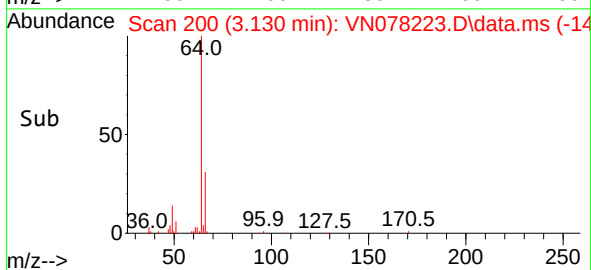
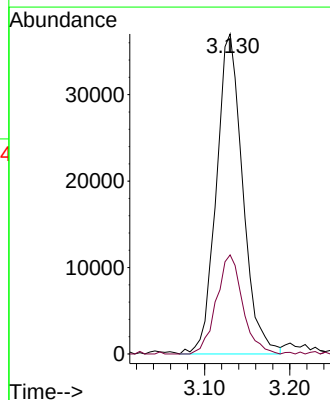
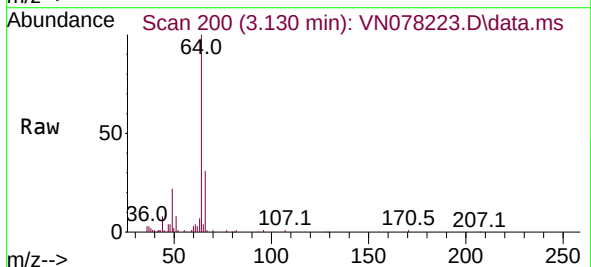
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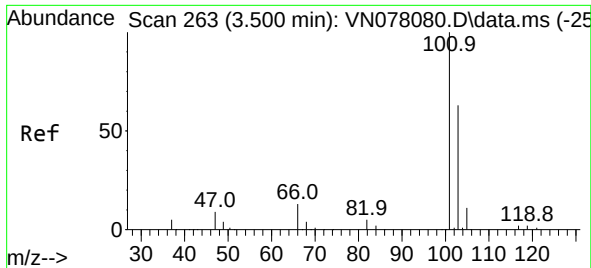
Reviewed By :John Carlone 06/16/2023
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#6
Chloroethane
Concen: 21.014 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

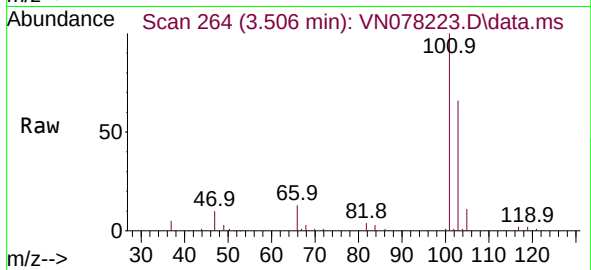
Tgt Ion: 64 Resp: 79719
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.382 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN078223.D
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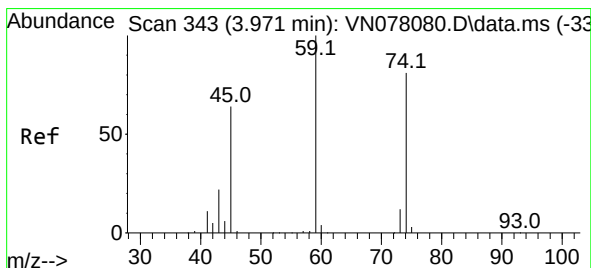
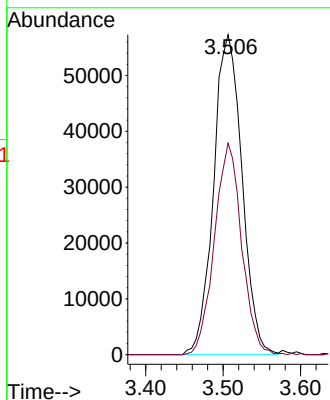
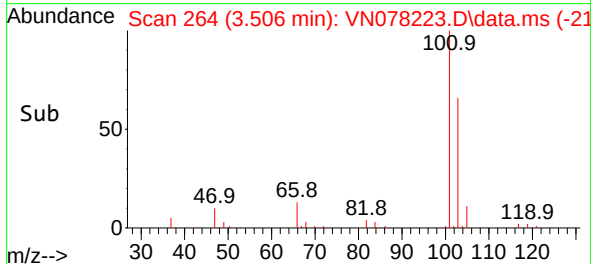
Instrument :
MSVOA_N
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VN0615WBS01



Tgt Ion:101 Resp: 14626
Ion Ratio Lower Upper
101 100
103 66.1 50.7 76.1

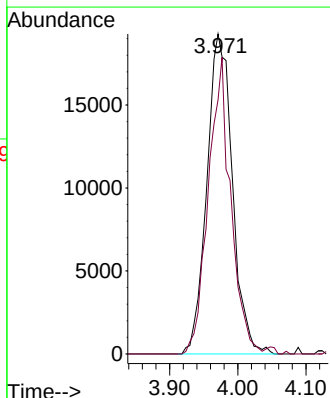
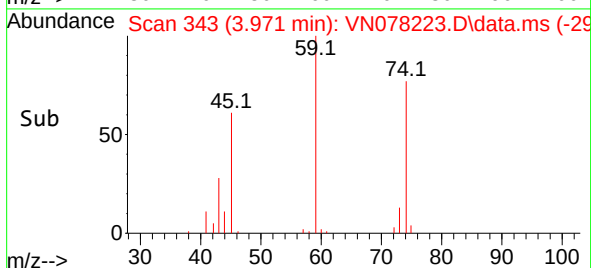
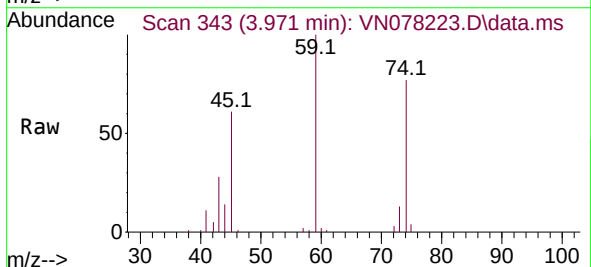
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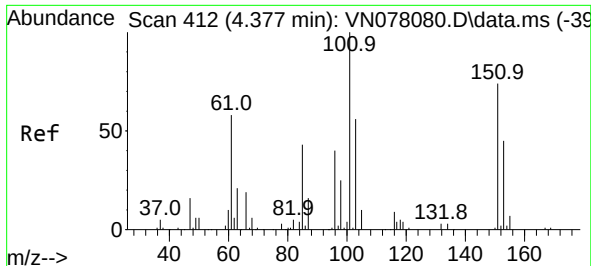
Reviewed By :John Carlone 06/16/2023
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#8
Diethyl Ether
Concen: 18.941 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 50223
Ion Ratio Lower Upper
74 100
45 81.4 34.4 103.3





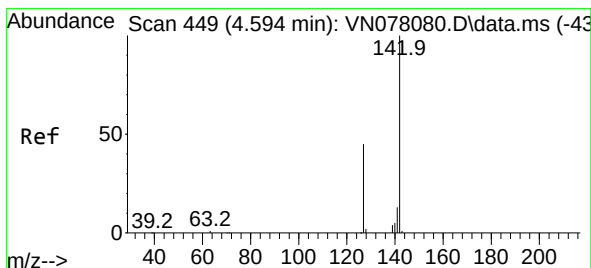
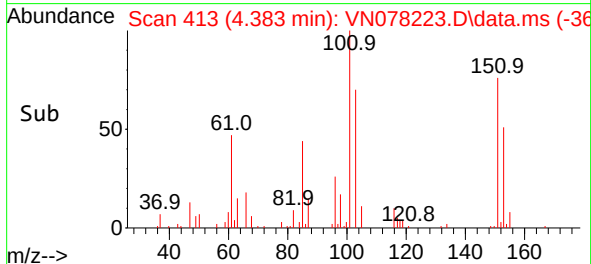
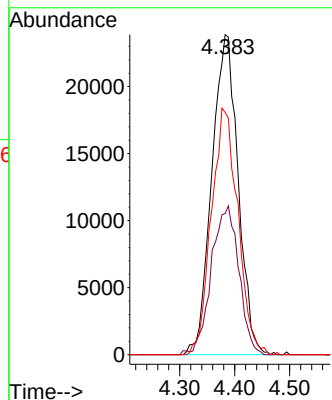
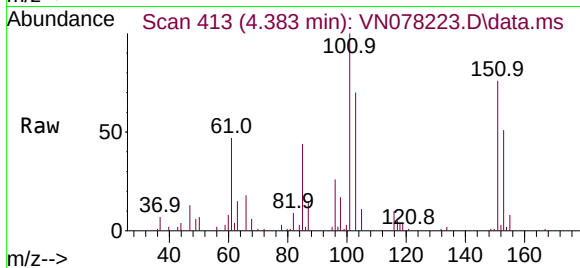
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.886 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078223.D
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MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion:101 Resp: 7919
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 77.7 57.6 86.4

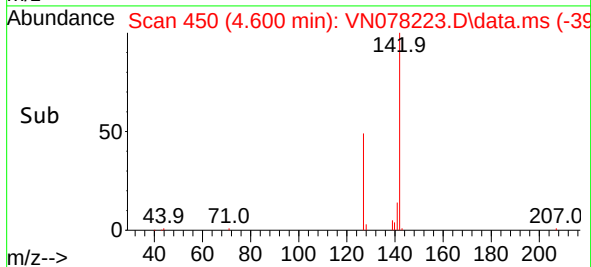
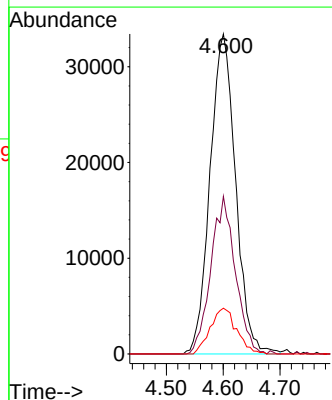
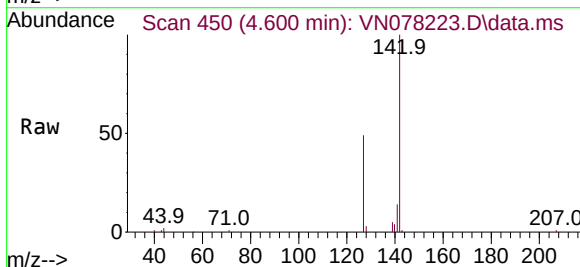
Manual Integrations
APPROVED

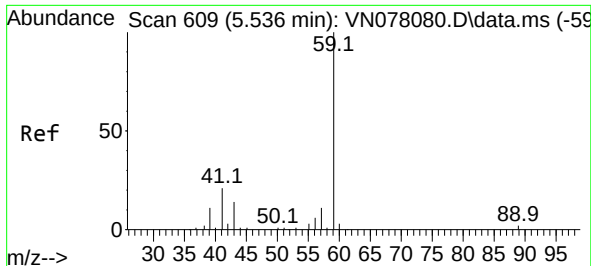
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#10
Methyl Iodide
Concen: 18.538 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

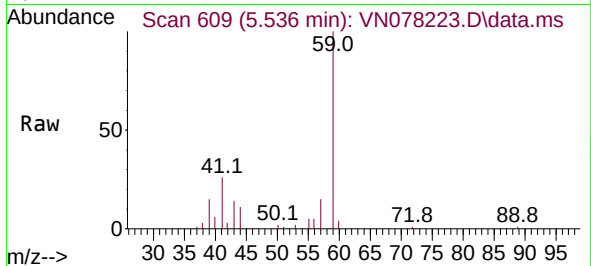
Tgt Ion:142 Resp: 104409
Ion Ratio Lower Upper
142 100
127 49.2 37.6 56.4
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 90.117 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

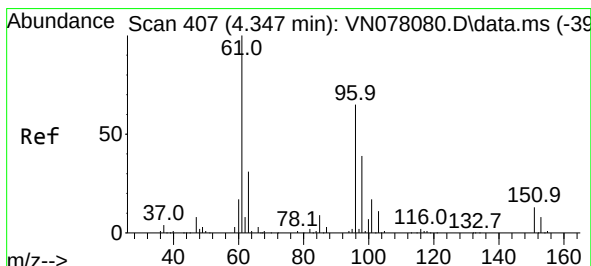
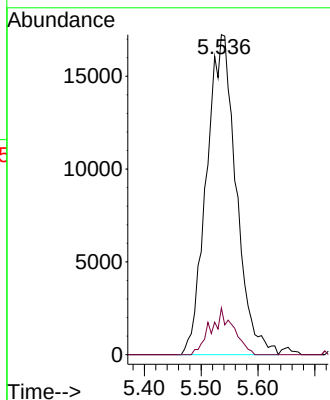
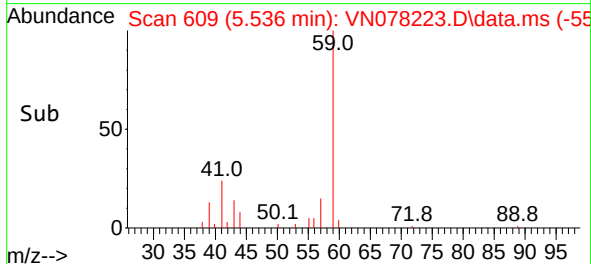
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



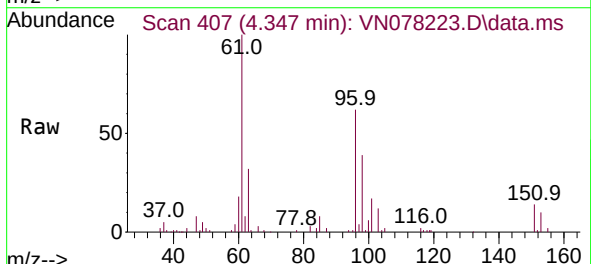
Tgt Ion: 59 Resp: 62374
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

Manual Integrations
APPROVED

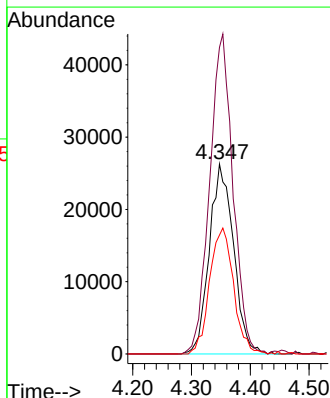
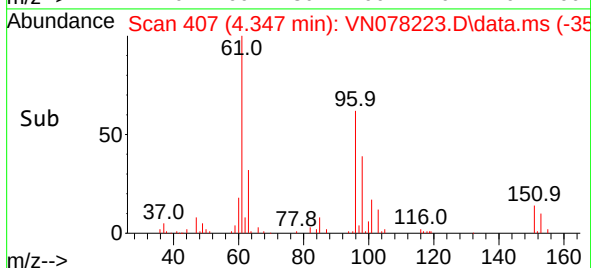
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

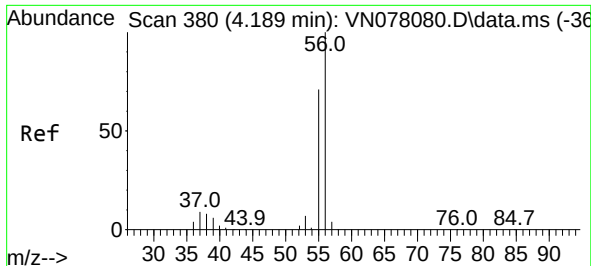


#12
1,1-Dichloroethene
Concen: 18.281 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion: 96 Resp: 75052
Ion Ratio Lower Upper
96 100
61 161.4 112.7 169.1
98 62.5 51.2 76.8





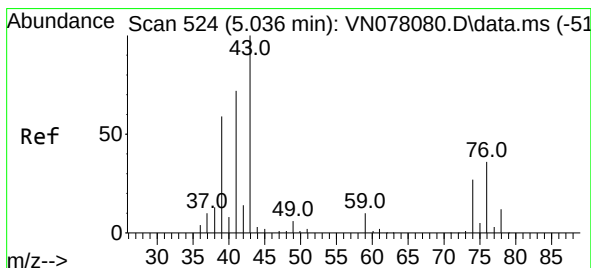
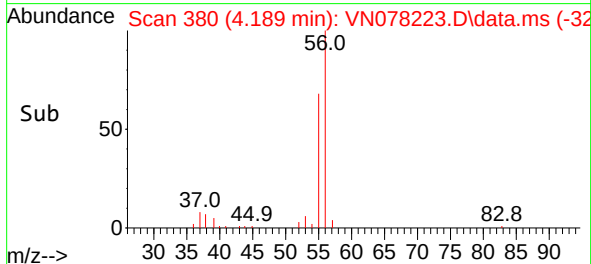
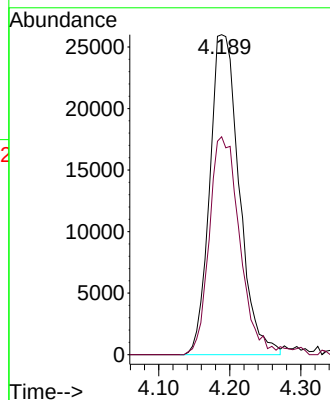
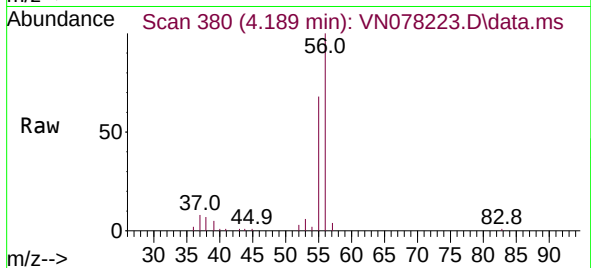
#13
Acrolein
Concen: 98.326 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 56 Resp: 75000
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

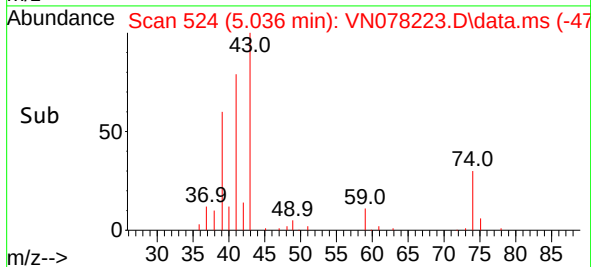
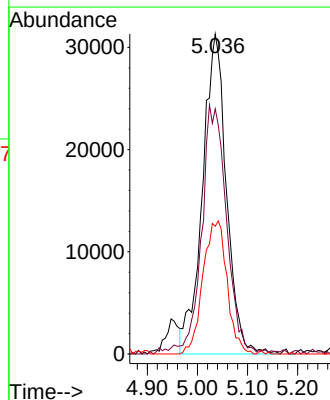
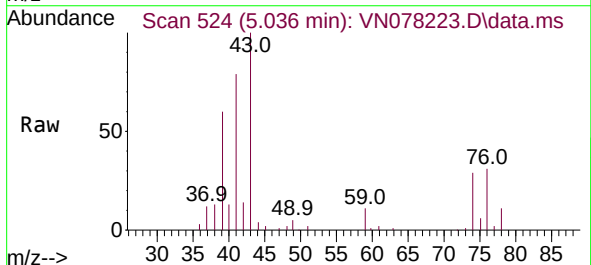
Manual Integrations
APPROVED

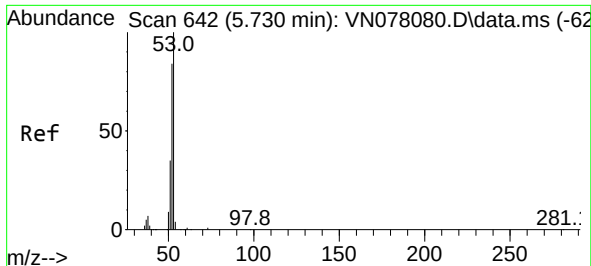
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Allyl chloride
Concen: 20.845 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

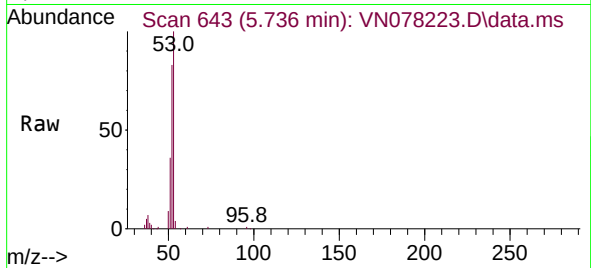
Tgt Ion: 41 Resp: 104464
Ion Ratio Lower Upper
41 100
39 78.0 58.8 88.2
76 41.5 39.1 58.7





#15
Acrylonitrile
Concen: 101.766 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

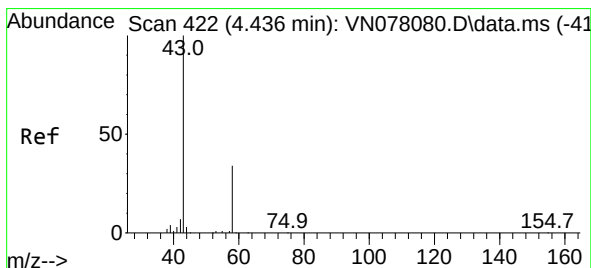
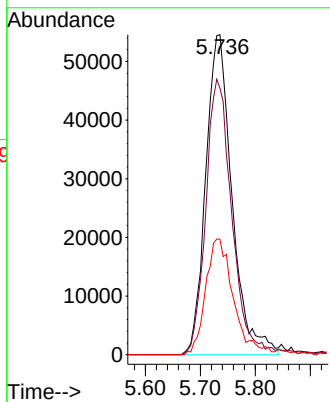
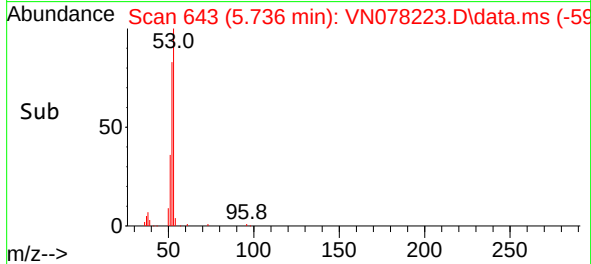
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 53 Resp: 181597
Ion Ratio Lower Upper
53 100
52 85.6 65.3 97.9
51 38.0 28.9 43.3

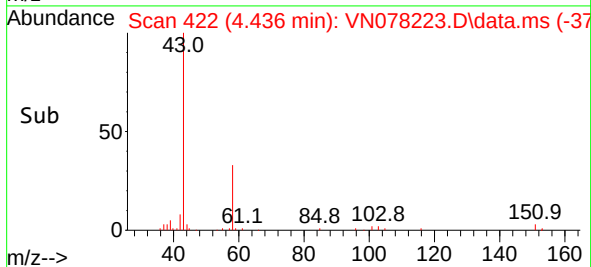
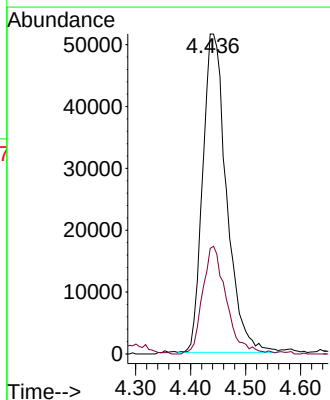
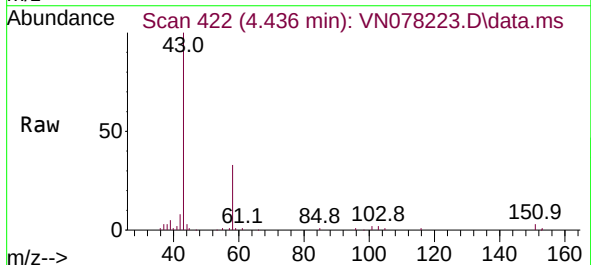
Manual Integrations
APPROVED

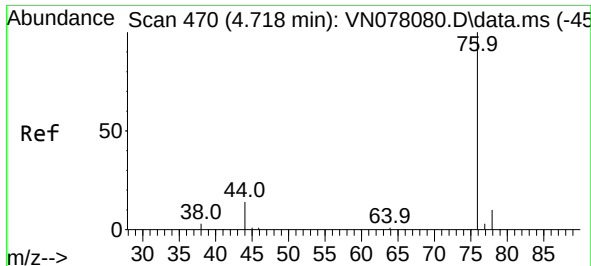
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#16
Acetone
Concen: 107.732 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 43 Resp: 155439
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





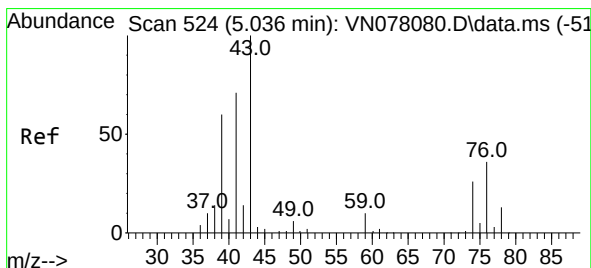
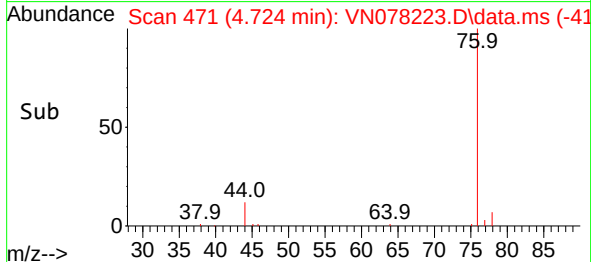
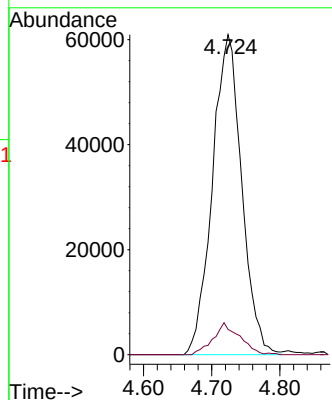
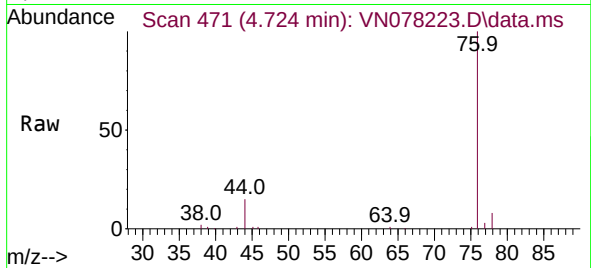
#17
Carbon Disulfide
Concen: 17.258 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 76 Resp: 182360
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

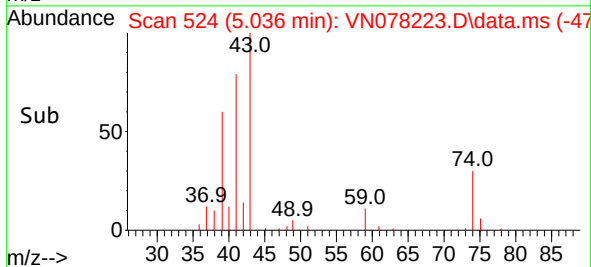
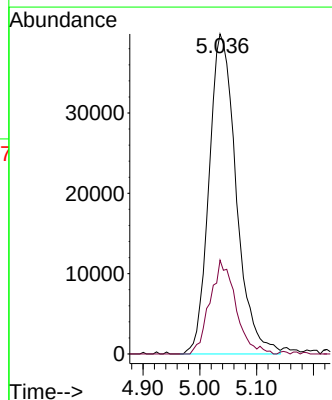
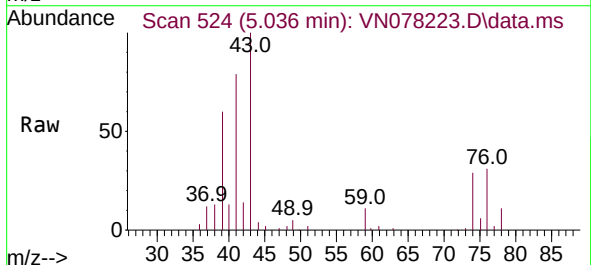
Manual Integrations
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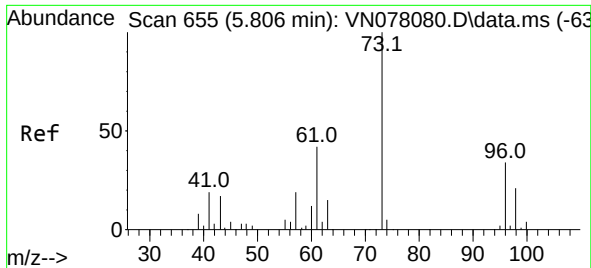
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#18
Methyl Acetate
Concen: 19.904 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 43 Resp: 132214
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





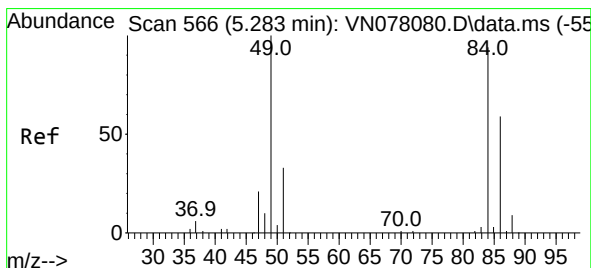
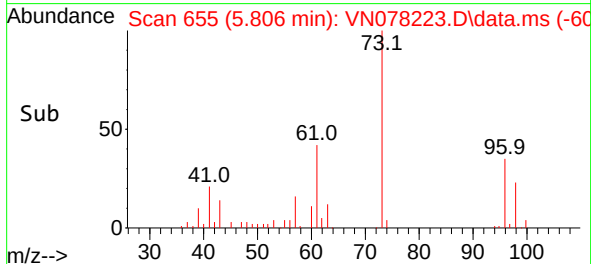
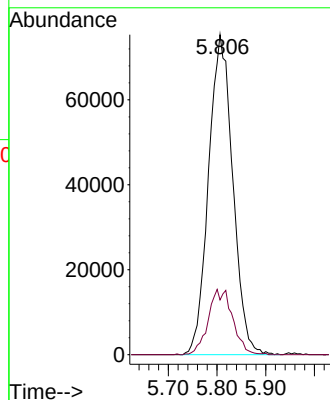
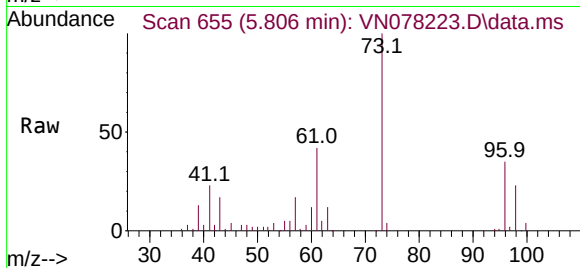
#19
Methyl tert-butyl Ether
Concen: 19.850 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 73 Resp: 260010
Ion Ratio Lower Upper
73 100
57 17.1 15.6 23.4

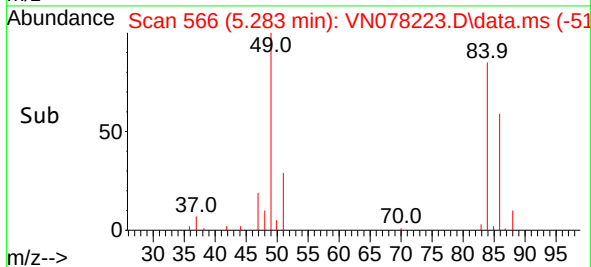
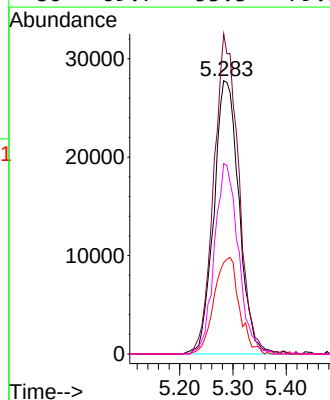
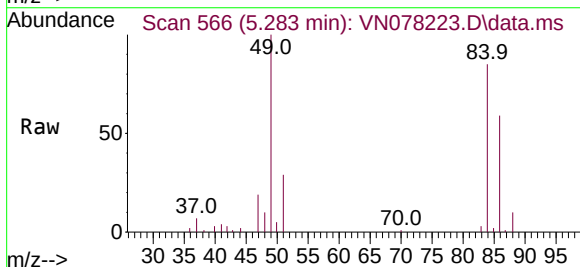
Manual Integrations
APPROVED

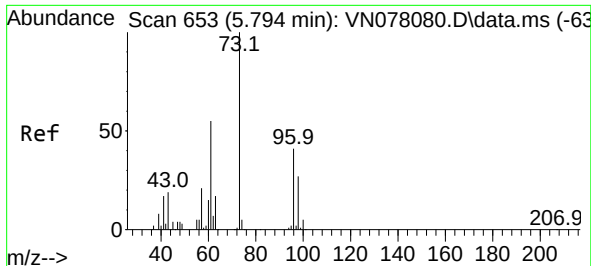
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#20
Methylene Chloride
Concen: 19.027 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

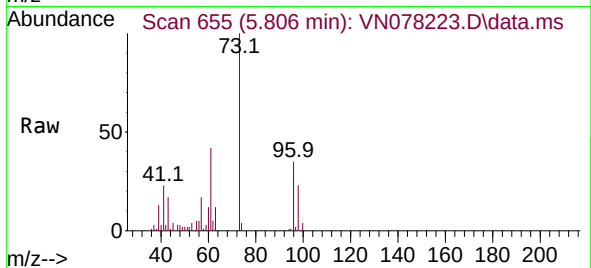
Tgt Ion: 84 Resp: 90718
Ion Ratio Lower Upper
84 100
49 117.1 79.7 119.5
51 33.4 25.2 37.8
86 69.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.743 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

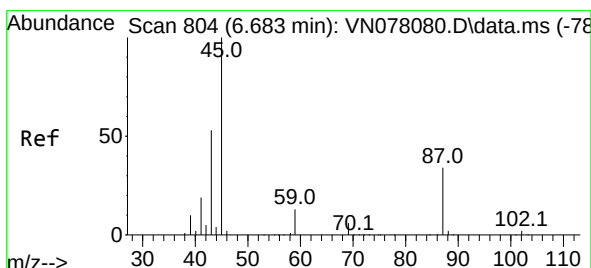
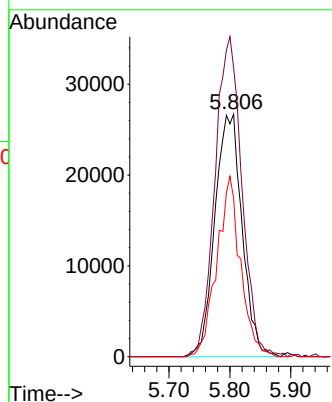
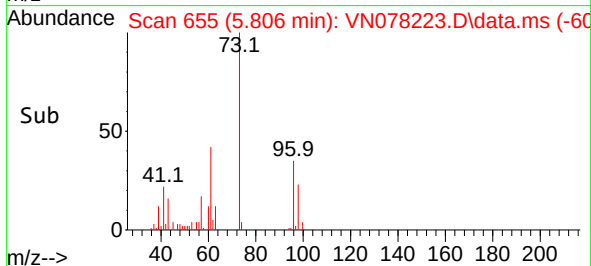
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 96 Resp: 82992
Ion Ratio Lower Upper
96 100
61 119.1 90.1 135.1
98 65.2 46.4 69.6

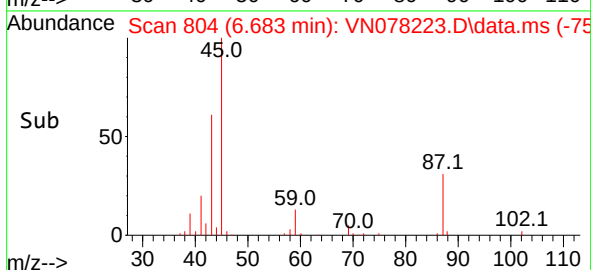
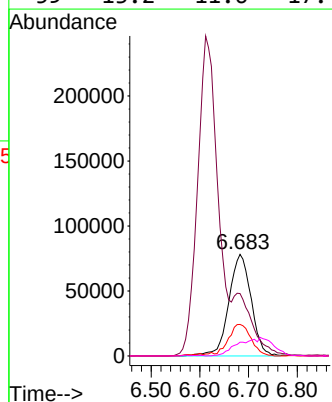
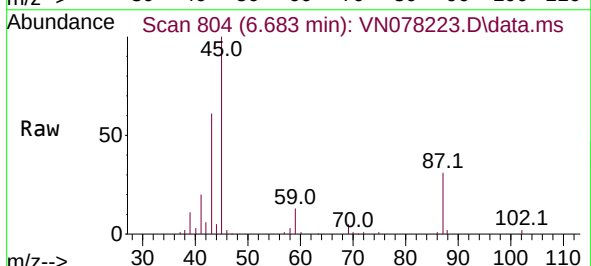
Manual Integrations
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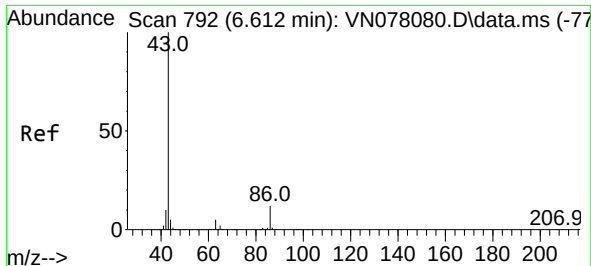
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#22
Diisopropyl ether
Concen: 21.128 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

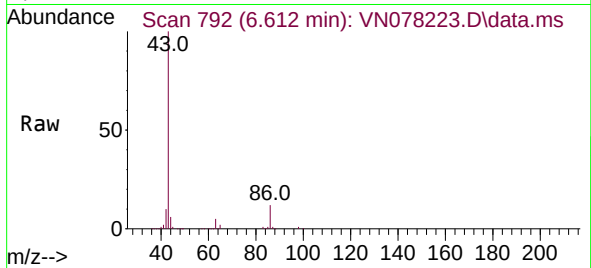
Tgt Ion: 45 Resp: 249063
Ion Ratio Lower Upper
45 100
43 58.5 45.5 68.3
87 31.0 31.8 47.8#
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 102.246 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078223.D
 Acq: 15 Jun 2023 12:56

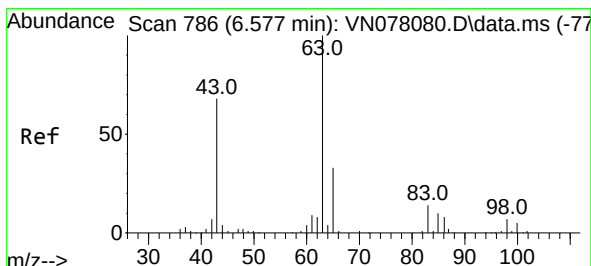
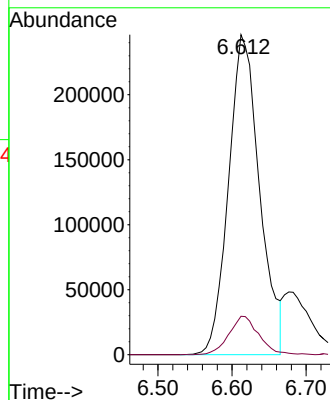
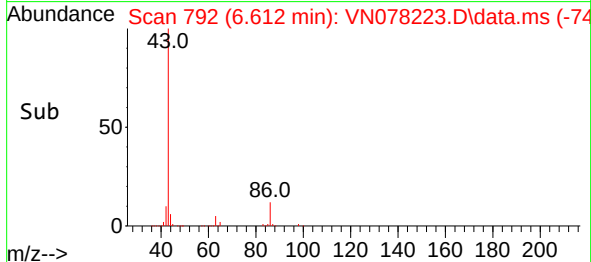
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBS01



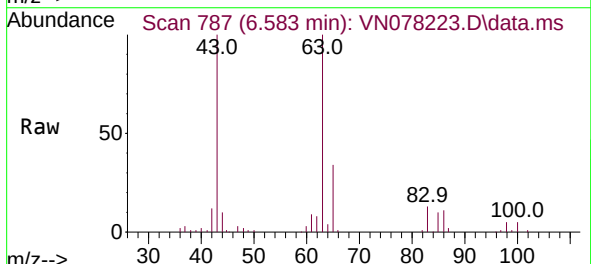
Tgt Ion: 43 Resp: 71648
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
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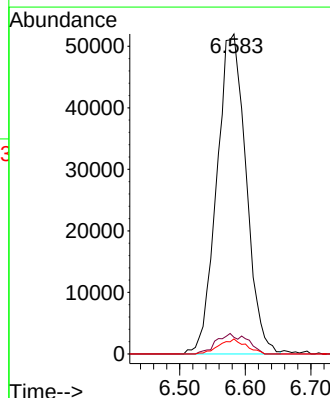
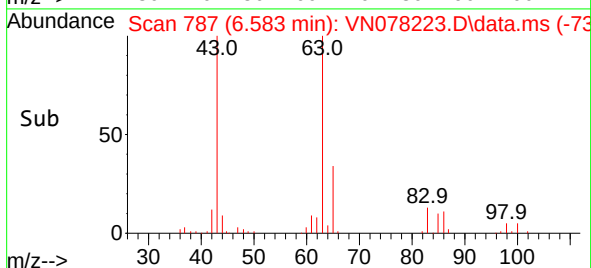
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

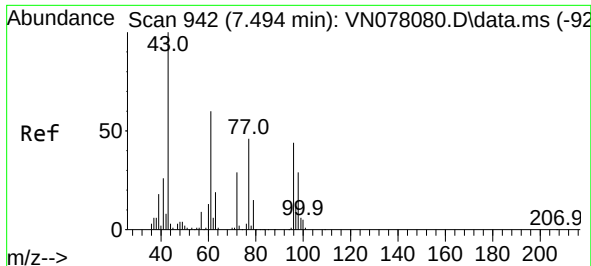


#24
 1,1-Dichloroethane
 Concen: 20.700 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078223.D
 Acq: 15 Jun 2023 12:56



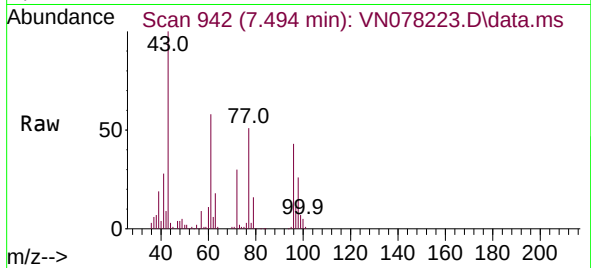
Tgt Ion: 63 Resp: 160971
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 106.206 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

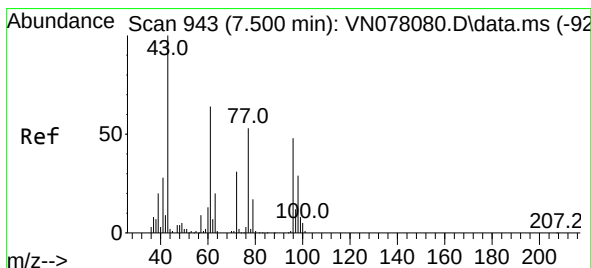
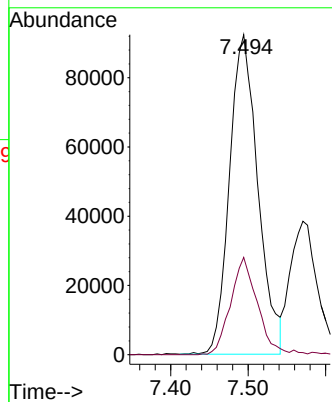
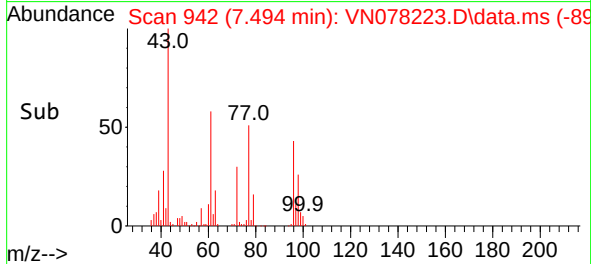
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



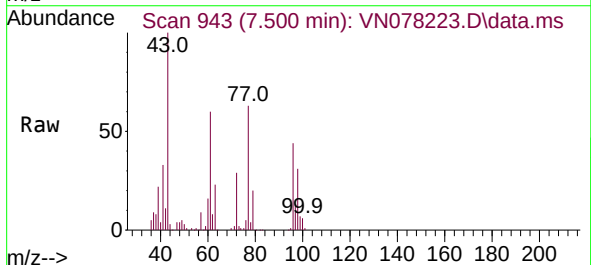
Tgt Ion: 43 Resp: 235645
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

Manual Integrations
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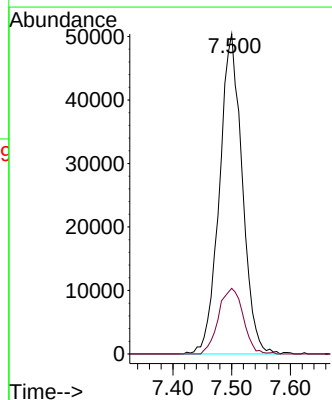
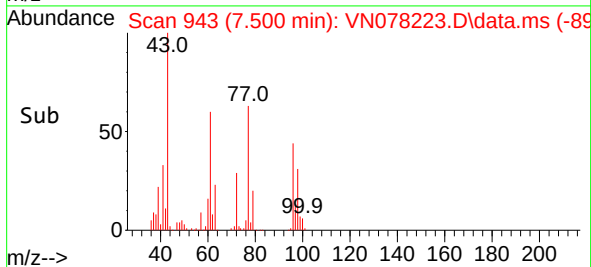
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

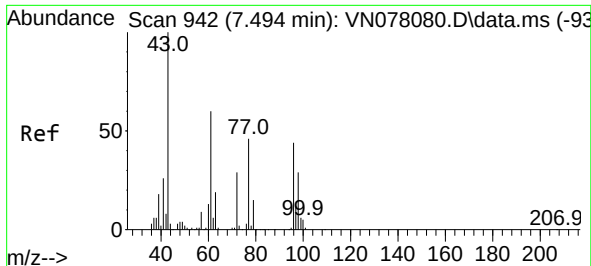


#26
2,2-Dichloropropane
Concen: 23.590 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



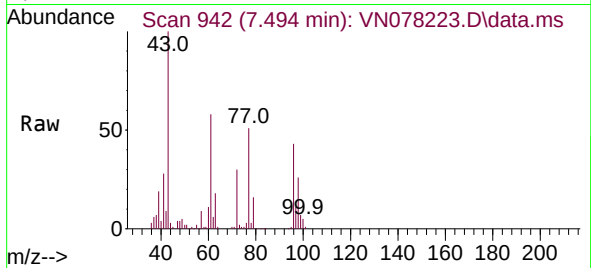
Tgt Ion: 77 Resp: 135455
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.002 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078223.D
 Acq: 15 Jun 2023 12:56

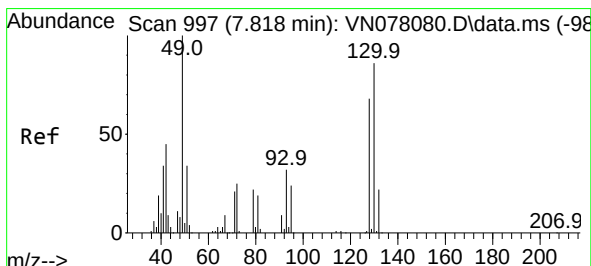
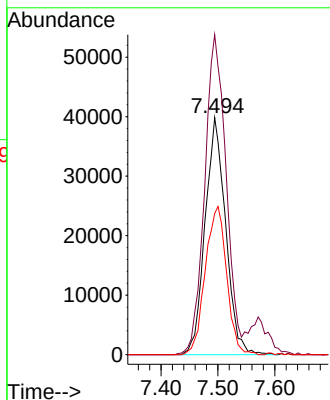
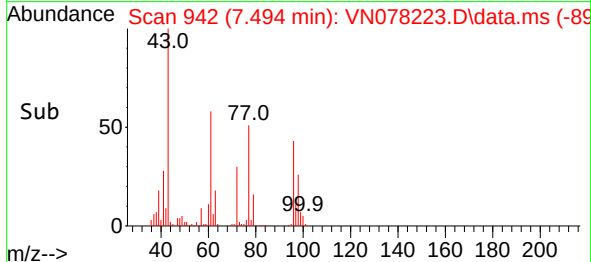
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBS01



Tgt Ion: 96 Resp: 10036
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 255.2
 98 64.8 0.0 128.8

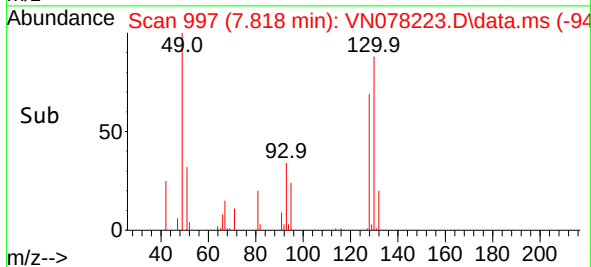
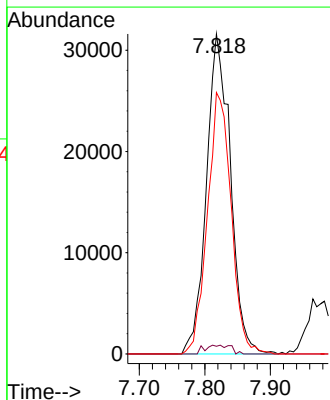
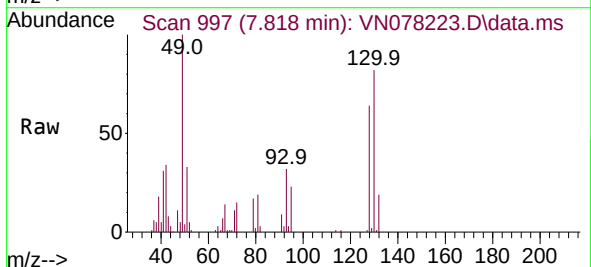
Manual Integrations
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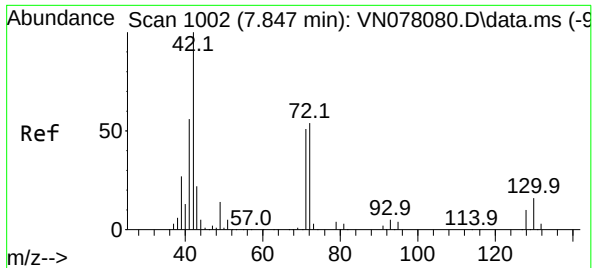
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#28
 Bromochloromethane
 Concen: 22.468 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078223.D
 Acq: 15 Jun 2023 12:56

Tgt Ion: 49 Resp: 80223
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.8
 130 80.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 101.083 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion: 42 Resp: 14993

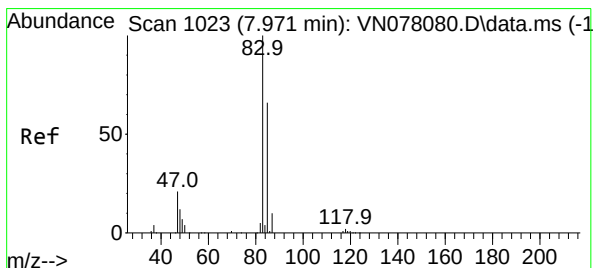
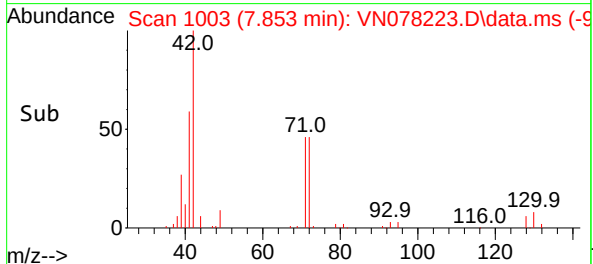
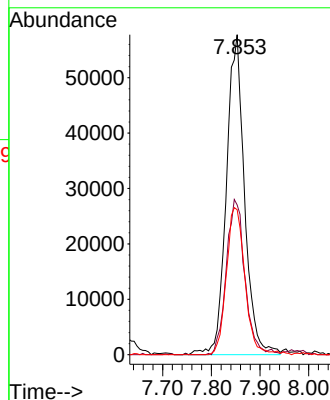
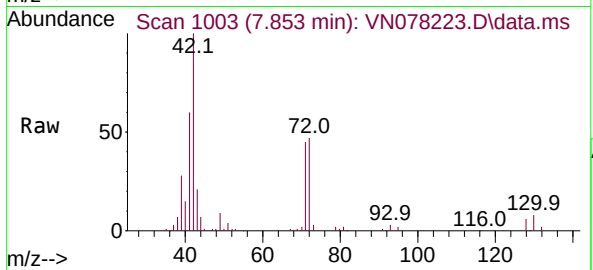
Ion	Ratio	Lower	Upper
42	100		
72	48.9	49.8	74.6
71	47.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#30

Chloroform

Concen: 20.798 ug/l

RT: 7.977 min Scan# 1024

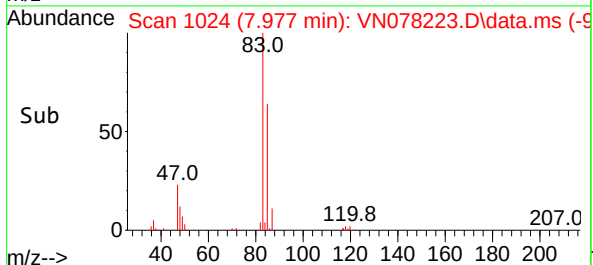
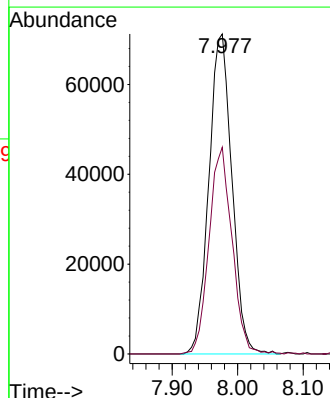
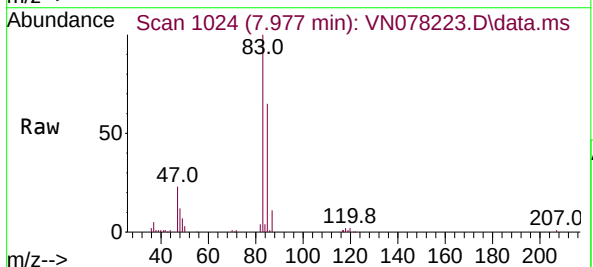
Delta R.T. 0.006 min

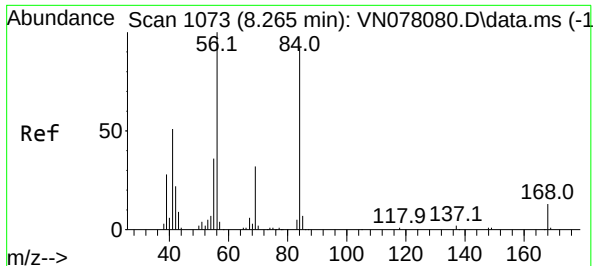
Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Tgt Ion: 83 Resp: 174162

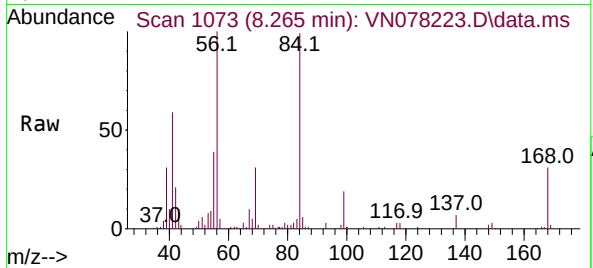
Ion	Ratio	Lower	Upper
83	100		
85	64.6	55.4	83.0





#31
Cyclohexane
Concen: 19.642 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

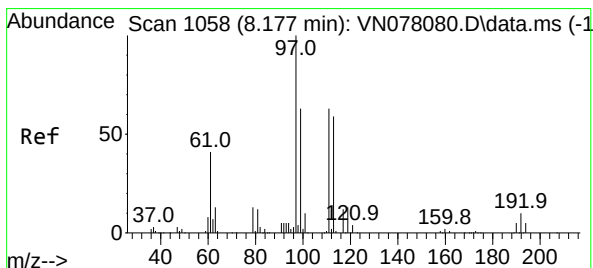
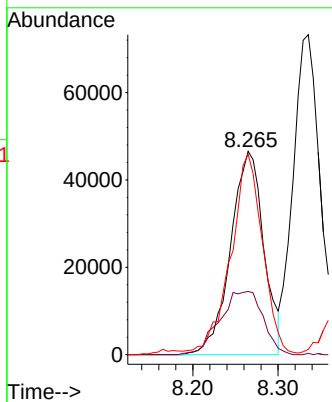
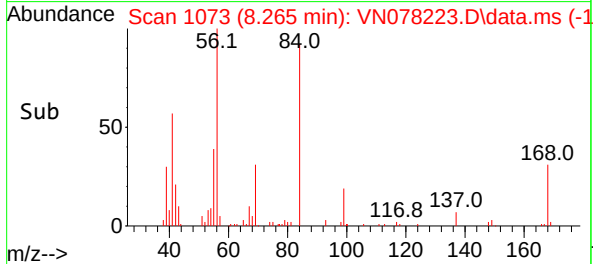
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 56 Resp: 126300
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 96.7 81.8 122.6

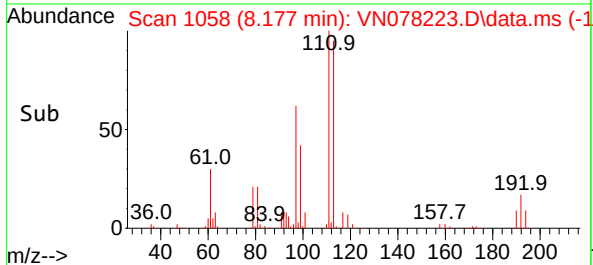
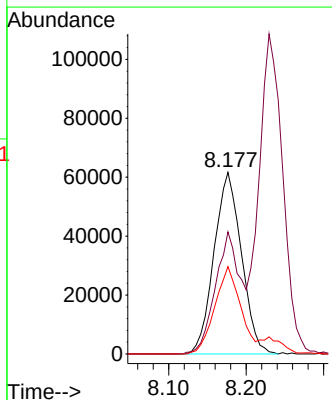
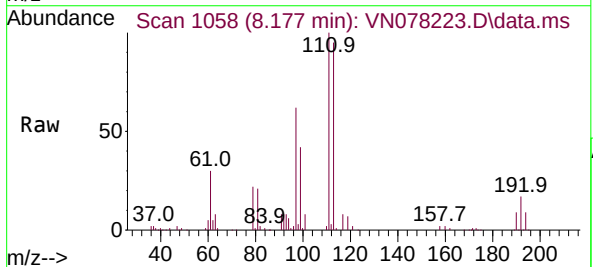
Manual Integrations
APPROVED

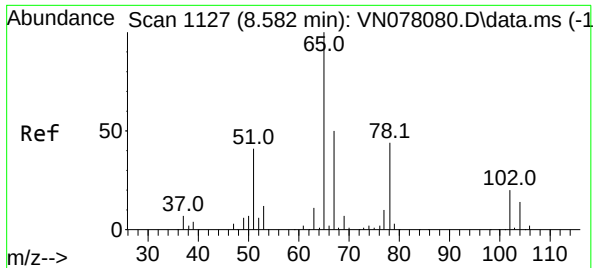
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#32
1,1,1-Trichloroethane
Concen: 20.629 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 97 Resp: 151655
Ion Ratio Lower Upper
97 100
99 61.7 50.3 75.5
61 47.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.638 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion: 65 Resp: 278892

Ion Ratio Lower Upper

65 100

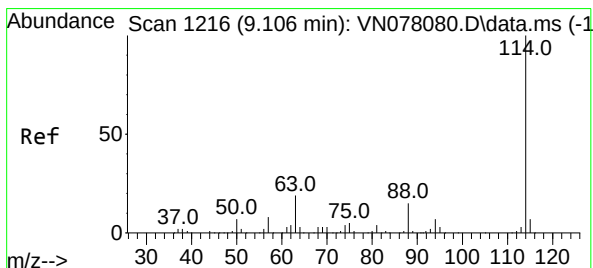
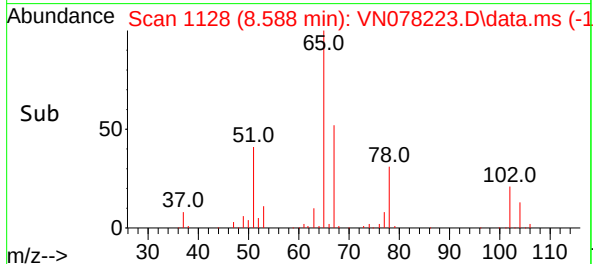
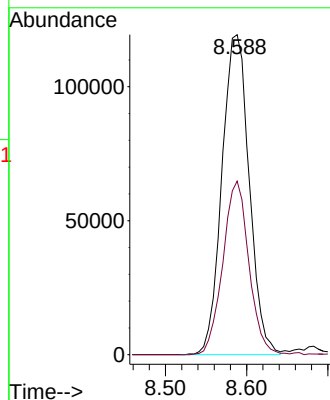
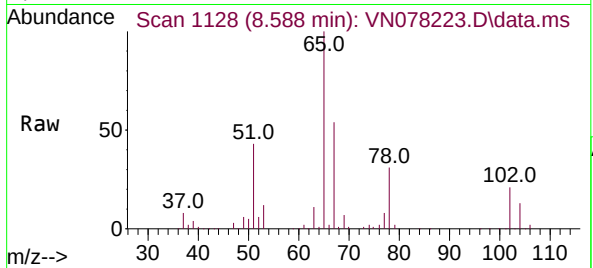
67 51.8 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

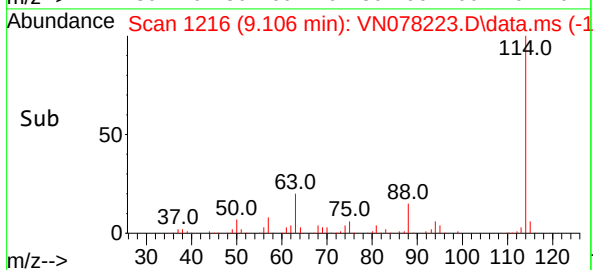
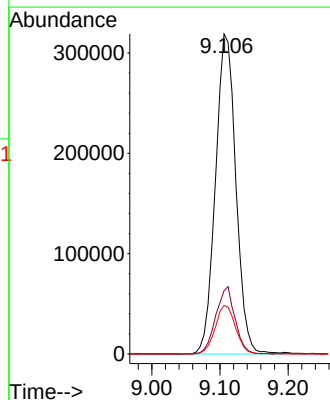
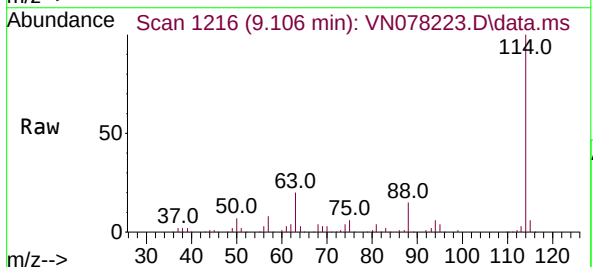
Tgt Ion:114 Resp: 664252

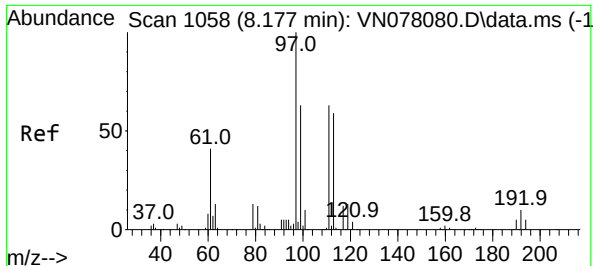
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.107 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion: 113 Resp: 235650

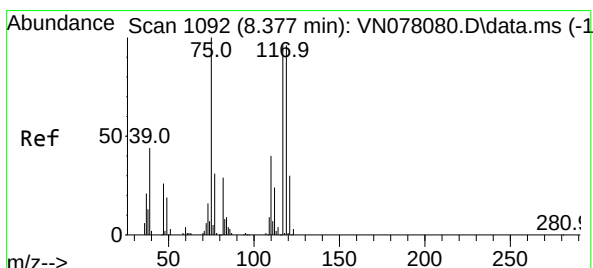
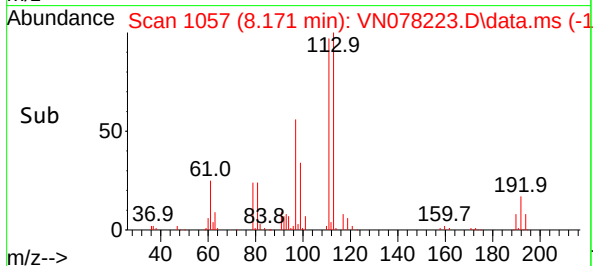
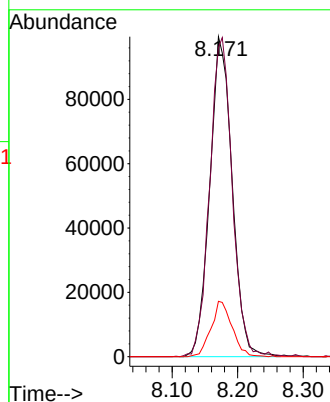
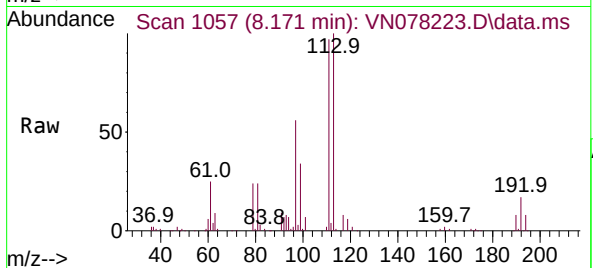
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	123.8
192	16.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#36

1,1-Dichloropropene

Concen: 20.346 ug/l

RT: 8.377 min Scan# 1092

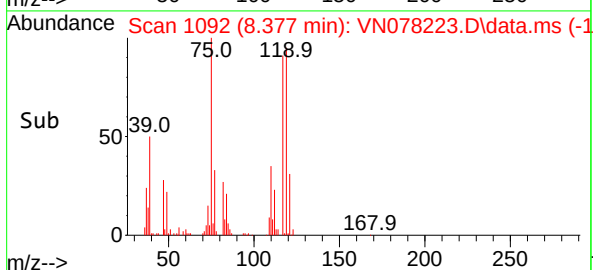
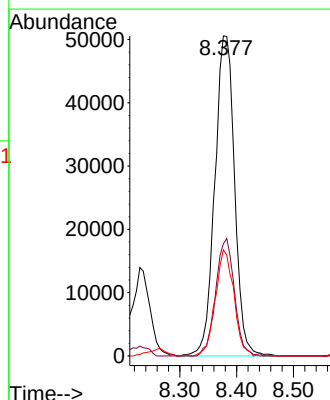
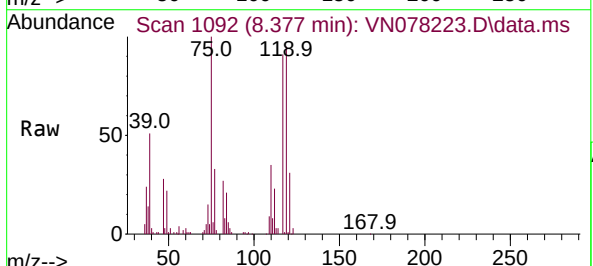
Delta R.T. -0.000 min

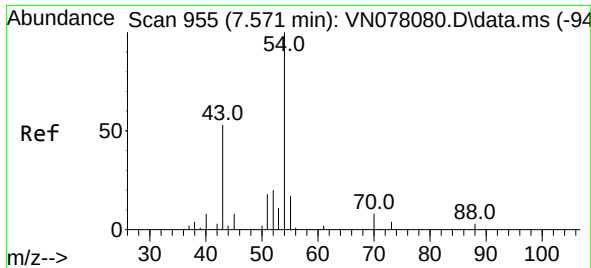
Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Tgt Ion: 75 Resp: 122574

Ion	Ratio	Lower	Upper
75	100		
110	34.7	19.1	57.3
77	31.2	25.0	37.4





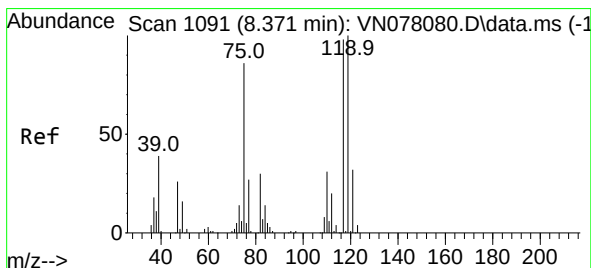
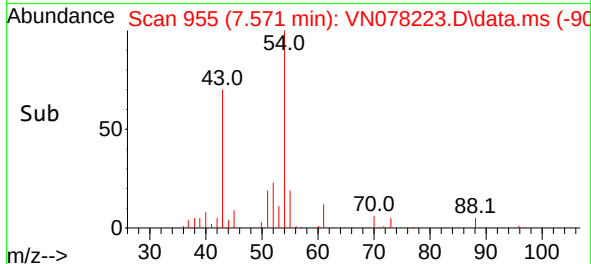
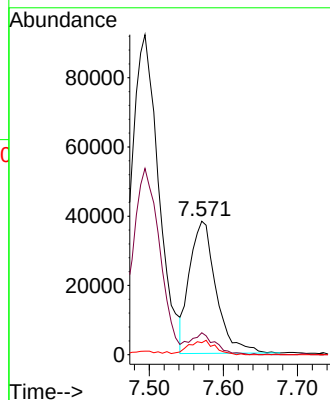
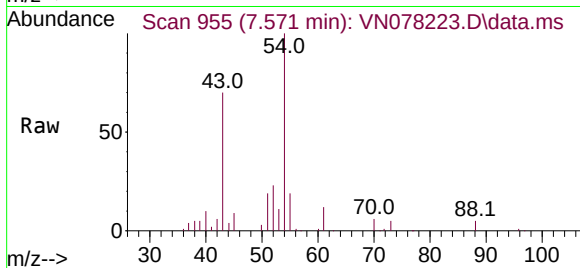
#37
Ethyl Acetate
Concen: 20.163 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 43 Resp: 94892
Ion Ratio Lower Upper
43 100
61 13.3 13.2 19.8
70 10.7 11.3 16.9

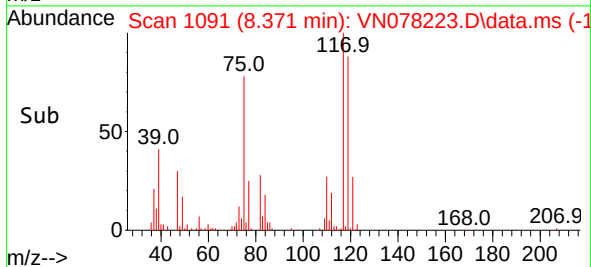
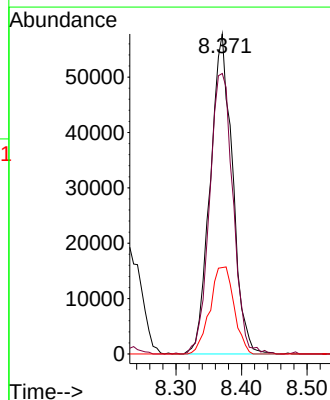
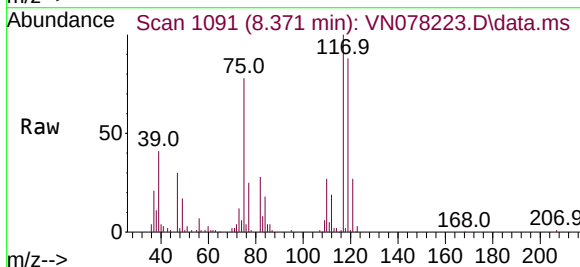
Manual Integrations
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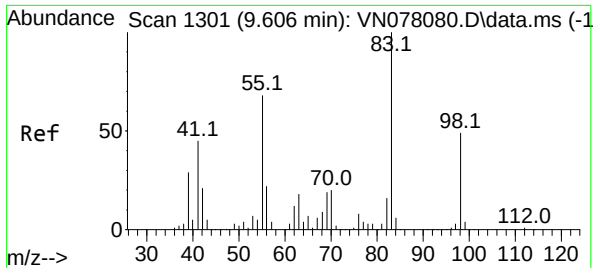
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#38
Carbon Tetrachloride
Concen: 21.410 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

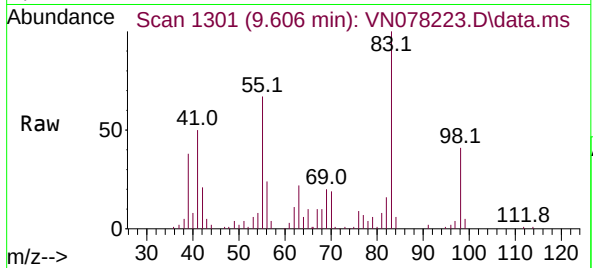
Tgt Ion:117 Resp: 136190
Ion Ratio Lower Upper
117 100
119 87.6 77.3 115.9
121 27.0 23.3 34.9





#39
Methylcyclohexane
Concen: 17.401 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

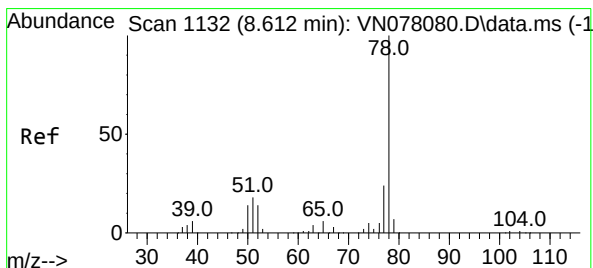
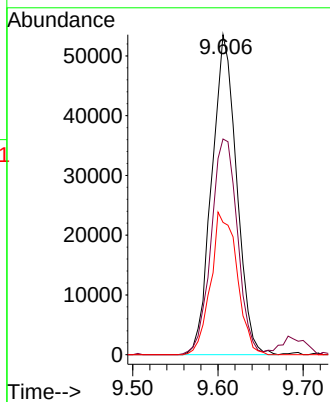
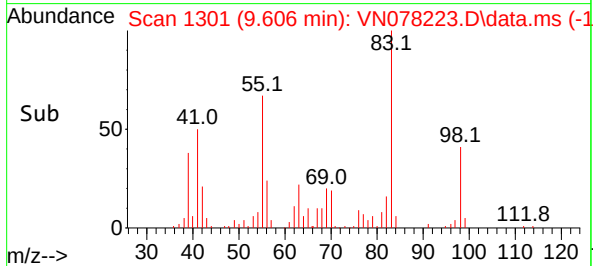
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 83 Resp: 108640
Ion Ratio Lower Upper
83 100
55 67.4 49.1 73.7
98 41.4 40.6 61.0

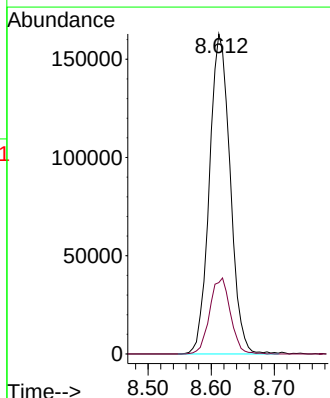
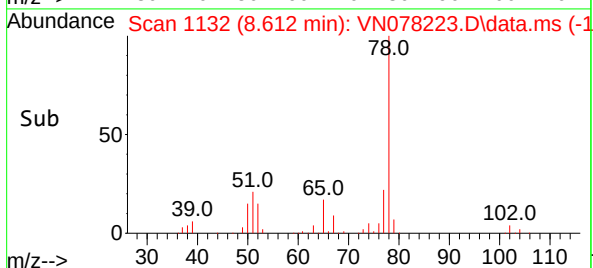
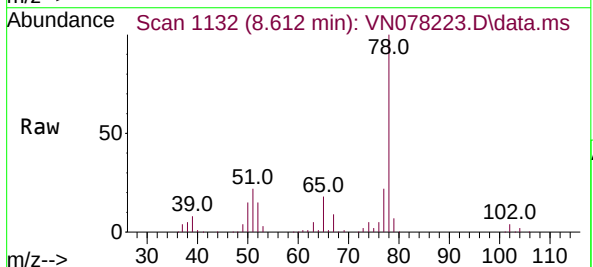
Manual Integrations
APPROVED

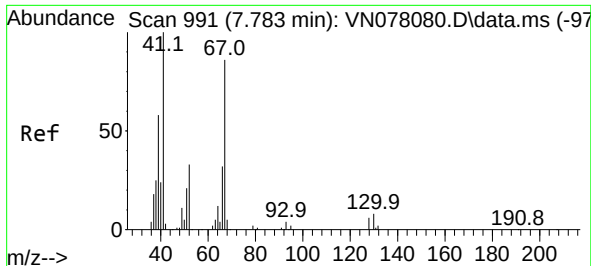
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#40
Benzene
Concen: 20.697 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

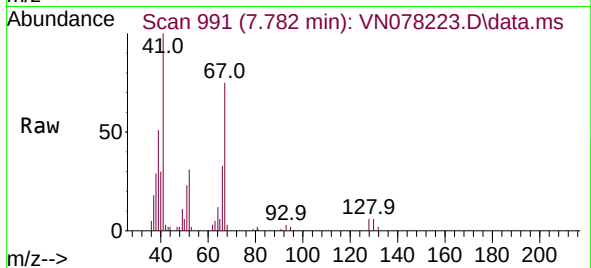
Tgt Ion: 78 Resp: 372250
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6





#41
Methacrylonitrile
Concen: 21.239 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

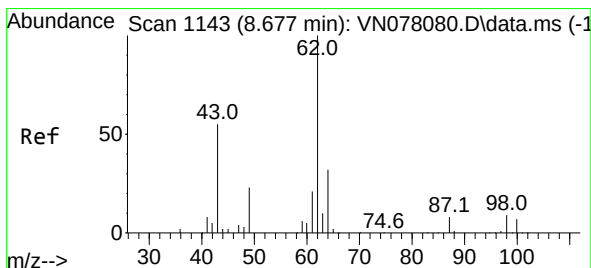
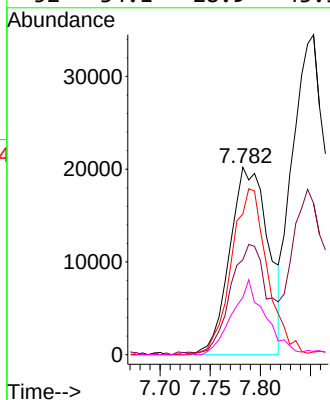
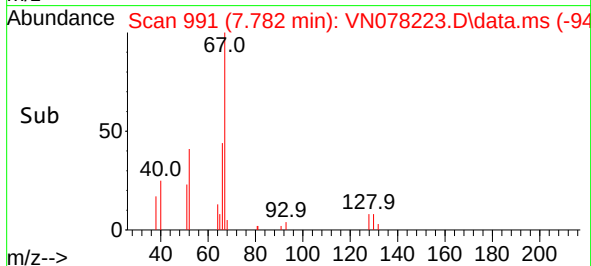
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



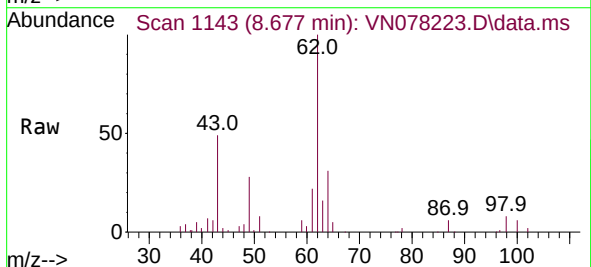
Tgt Ion: 41 Resp: 54178
Ion Ratio Lower Upper
41 100
39 55.8 42.6 64.0
67 82.4 77.5 116.3
52 34.1 28.9 43.3

Manual Integrations
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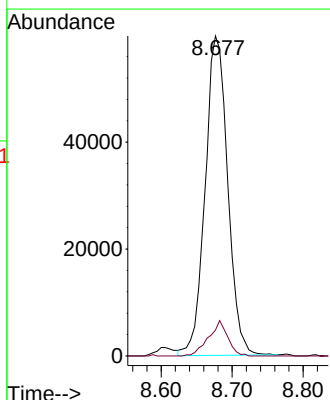
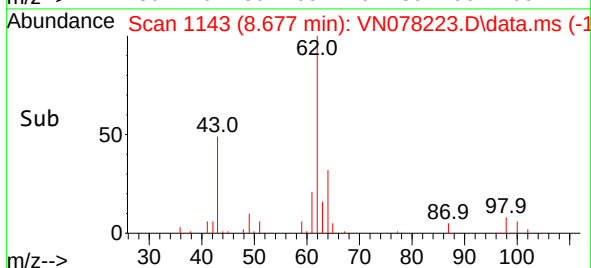
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

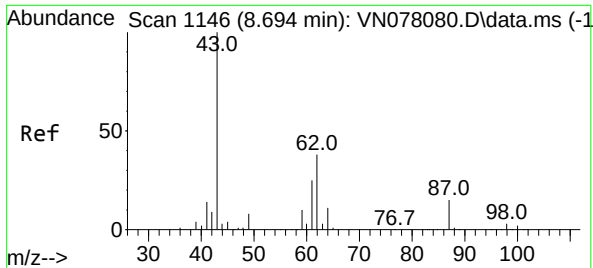


#42
1,2-Dichloroethane
Concen: 21.376 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion: 62 Resp: 131818
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





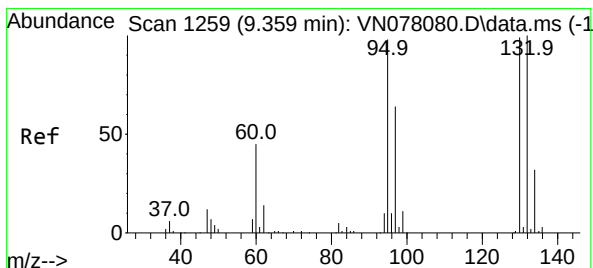
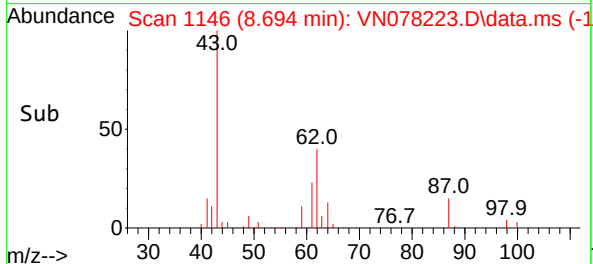
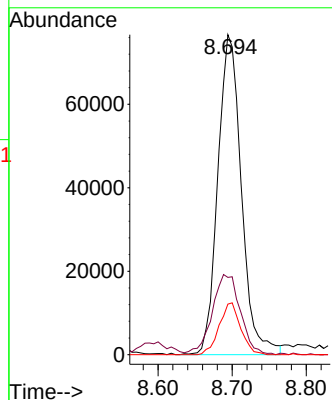
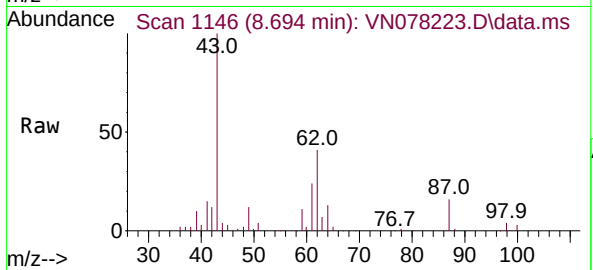
#43
Isopropyl Acetate
Concen: 18.860 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 43 Resp: 16975
Ion Ratio Lower Upper
43 100
61 29.8 24.7 37.1
87 14.7 14.6 21.8

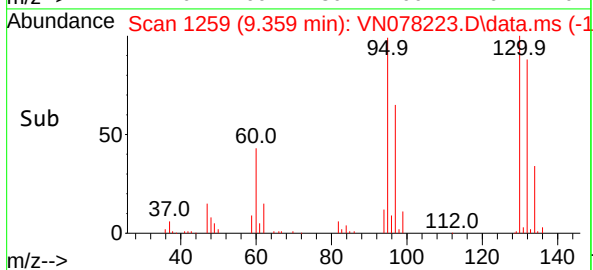
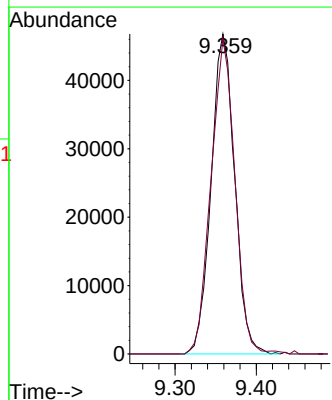
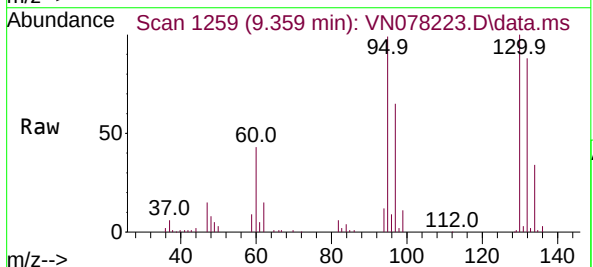
Manual Integrations
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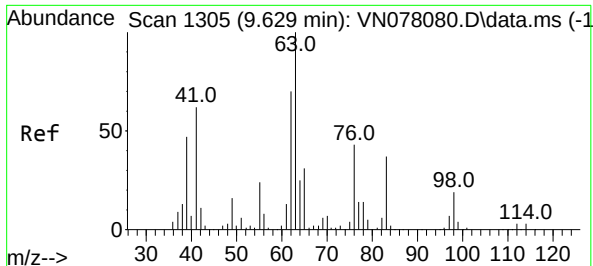
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#44
Trichloroethene
Concen: 19.861 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion:130 Resp: 94336
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.388 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion: 63 Resp: 95708

Ion Ratio Lower Upper

63 100

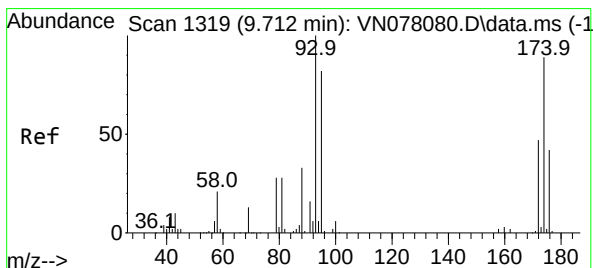
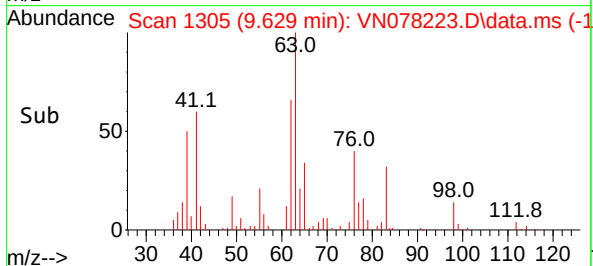
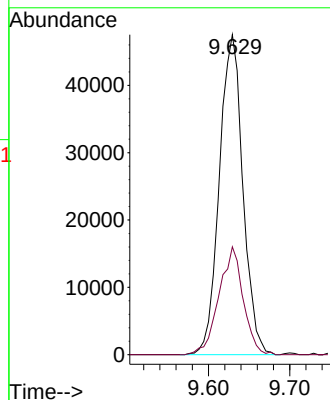
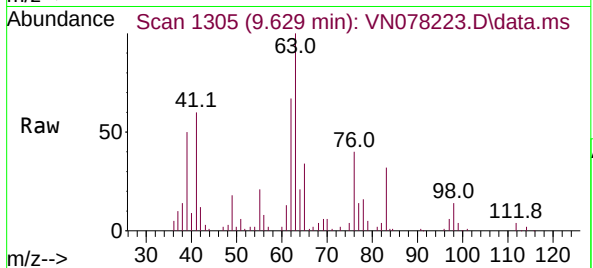
65 33.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#46

Dibromomethane

Concen: 19.727 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

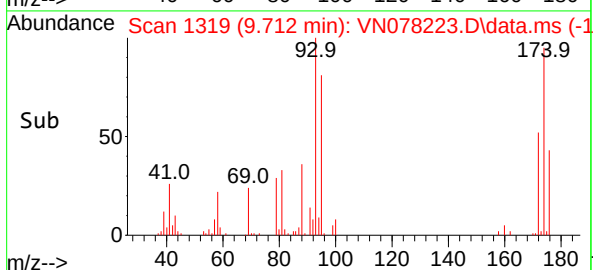
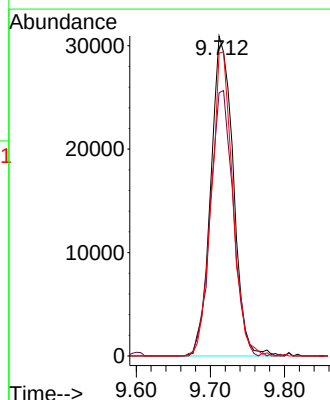
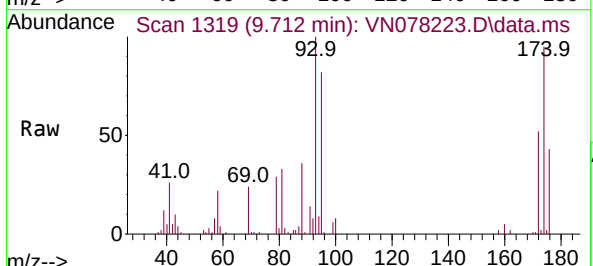
Tgt Ion: 93 Resp: 65021

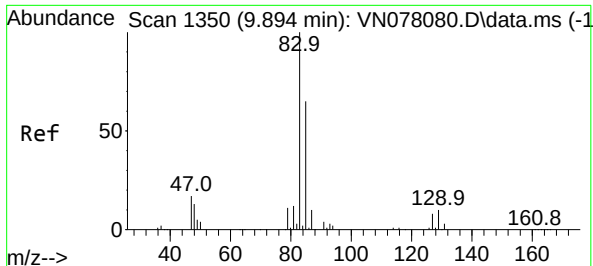
Ion Ratio Lower Upper

93 100

95 83.8 63.8 95.8

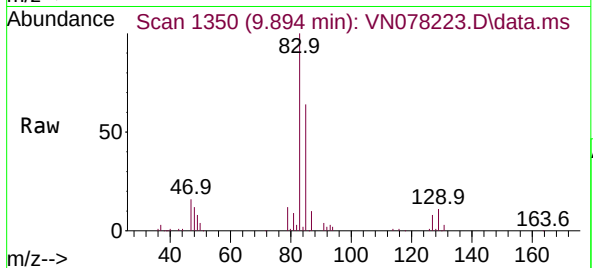
174 90.2 65.6 98.4





#47
Bromodichloromethane
Concen: 22.583 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

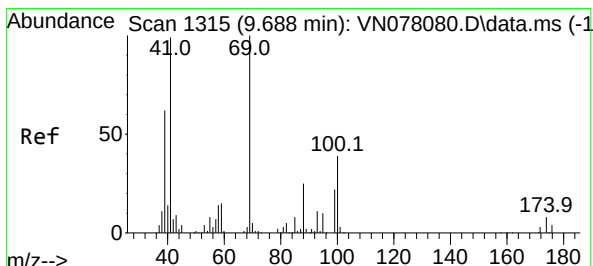
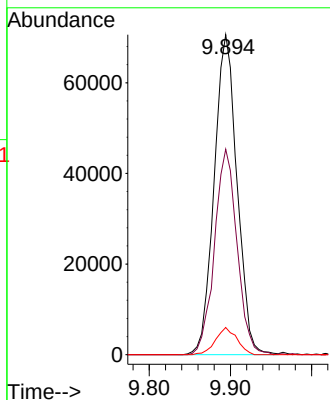
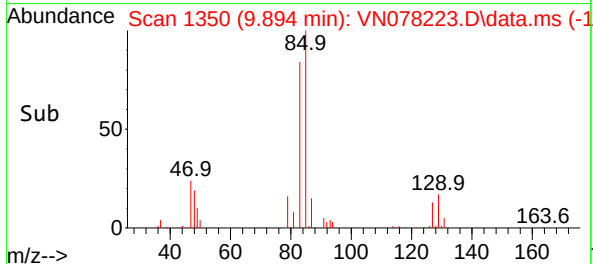
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 83 Resp: 13826
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 8.5 7.0 10.6

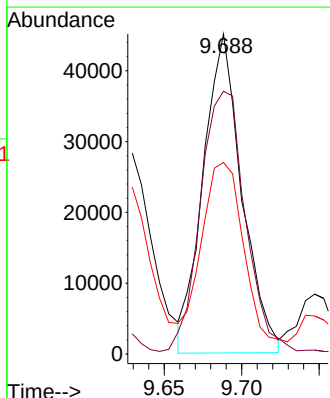
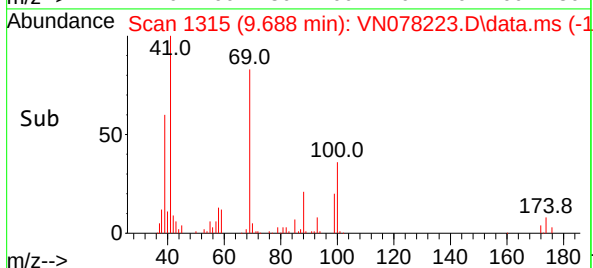
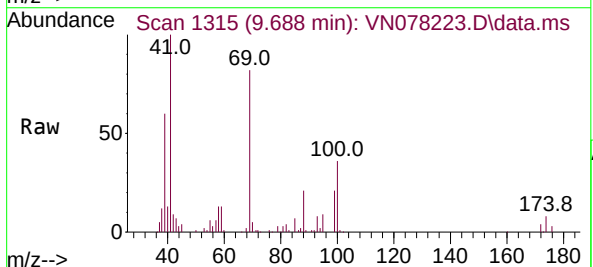
Manual Integrations
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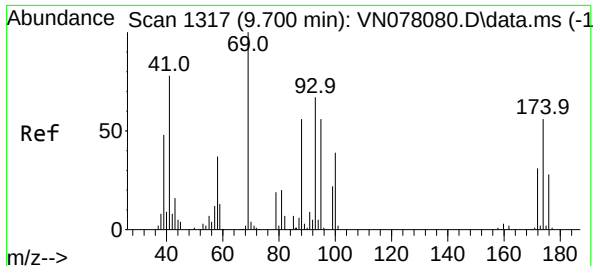
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#48
Methyl methacrylate
Concen: 20.704 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 41 Resp: 78201
Ion Ratio Lower Upper
41 100
69 97.7 90.4 135.6
39 68.5 54.6 81.8





#49

1,4-Dioxane

Concen: 390.092 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion: 88 Resp: 3096

Ion Ratio Lower Upper

88 100

43 27.7 17.0 25.6

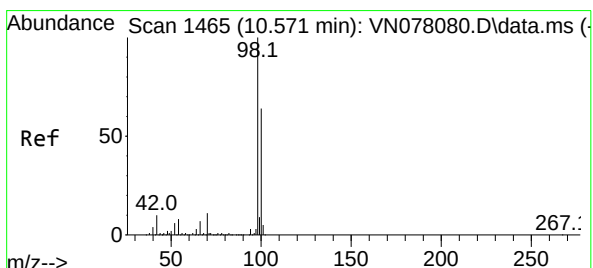
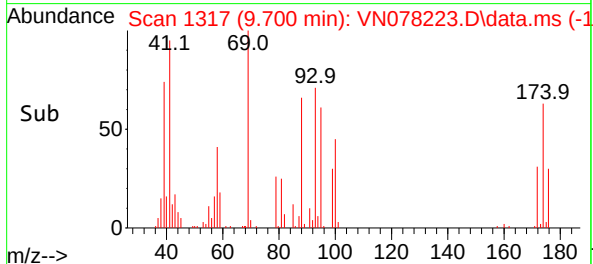
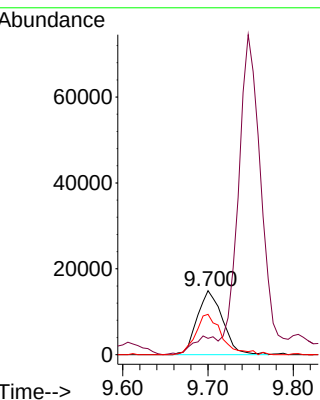
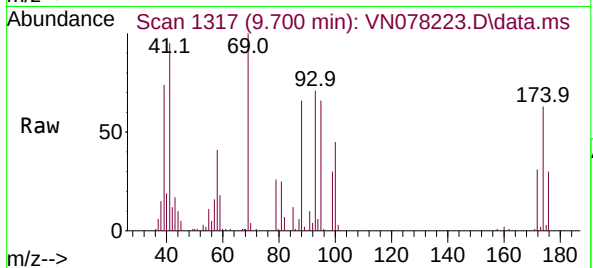
58 64.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#50

Toluene-d8

Concen: 54.007 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078223.D

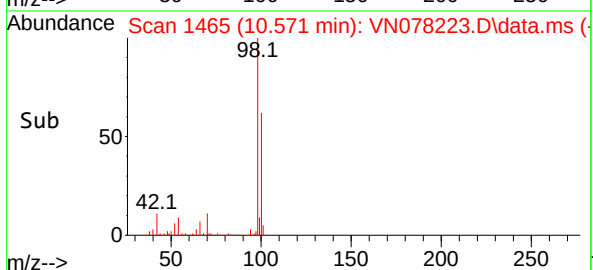
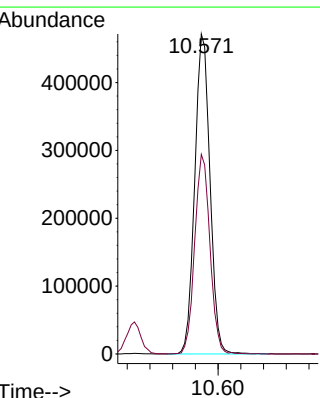
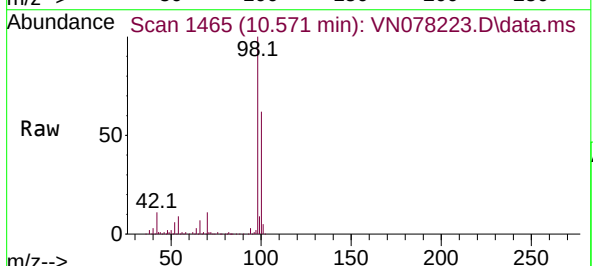
Acq: 15 Jun 2023 12:56

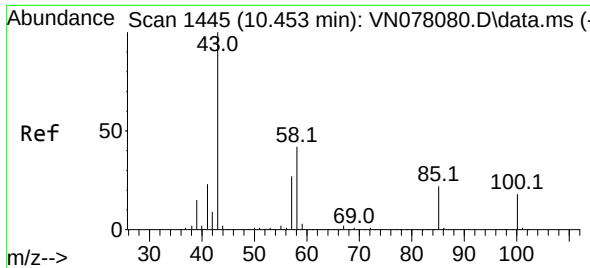
Tgt Ion: 98 Resp: 874445

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0





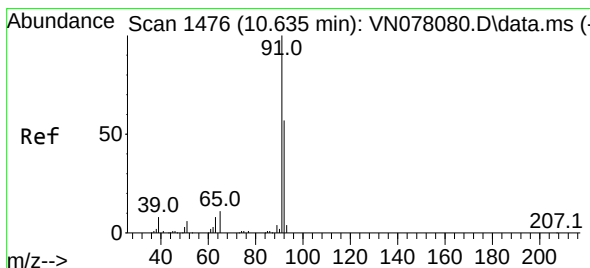
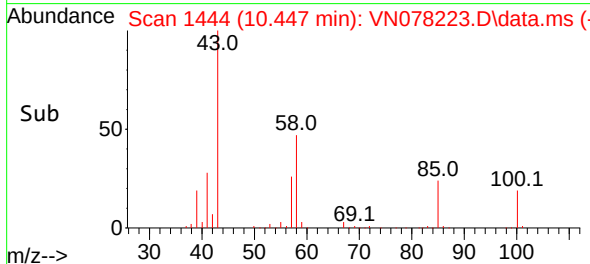
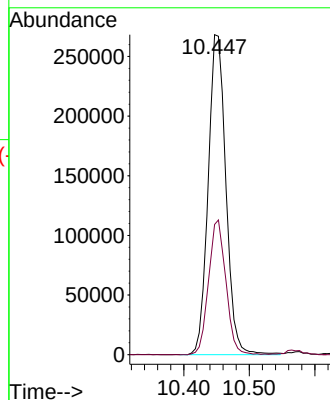
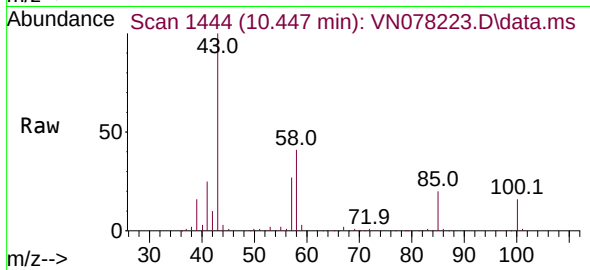
#51
4-Methyl-2-Pentanone
Concen: 106.558 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 43 Resp: 505039
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

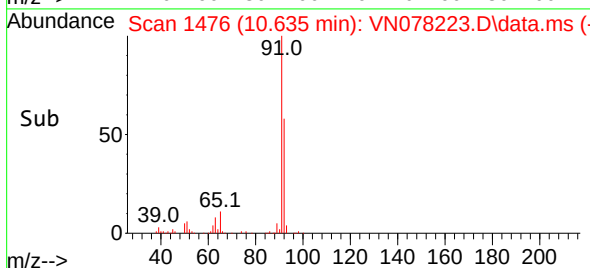
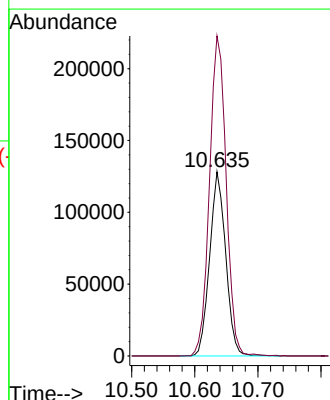
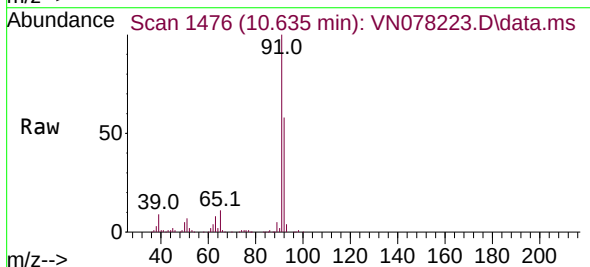
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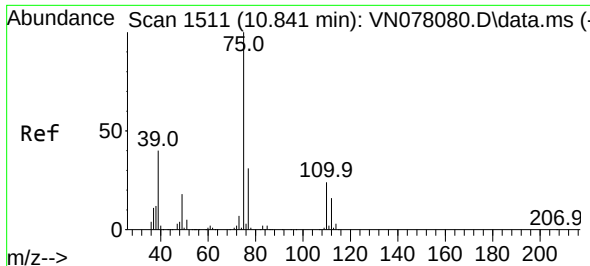
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
Toluene
Concen: 19.944 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

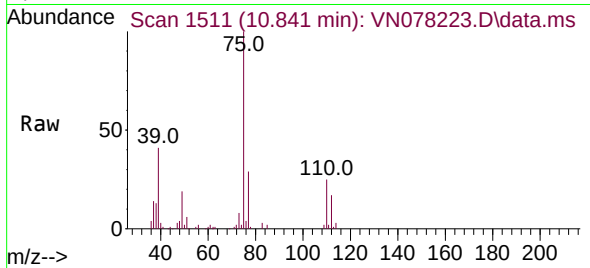
Tgt Ion: 92 Resp: 226478
Ion Ratio Lower Upper
92 100
91 180.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 21.957 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

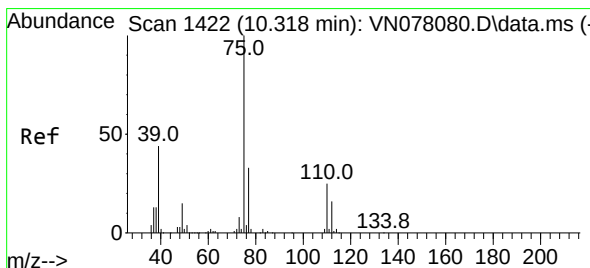
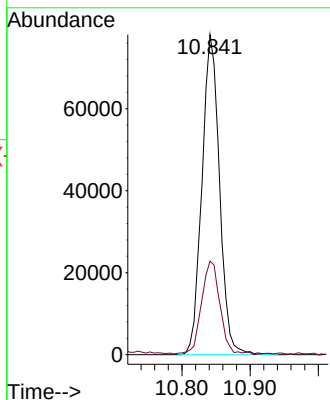
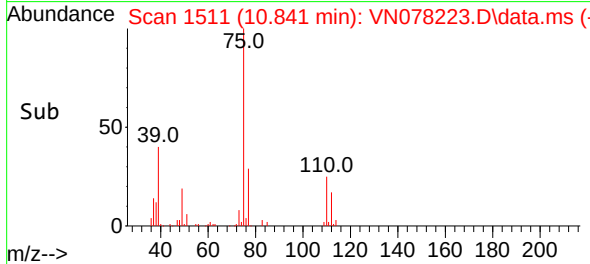
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 75 Resp: 139997
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0

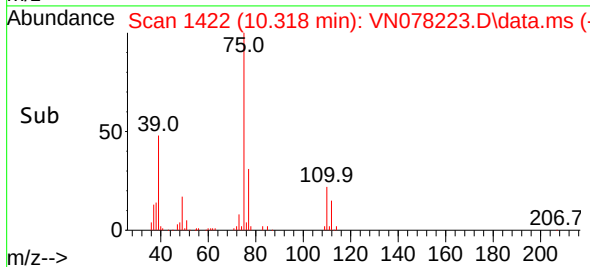
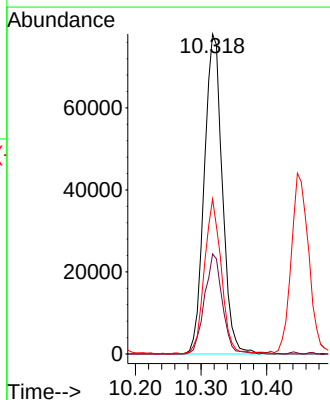
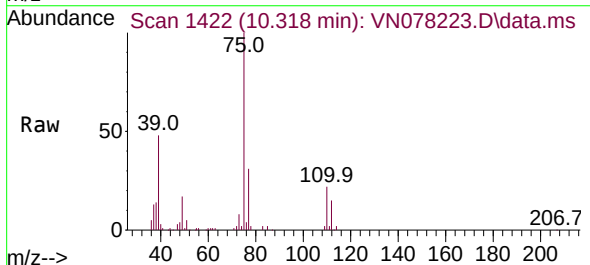
Manual Integrations
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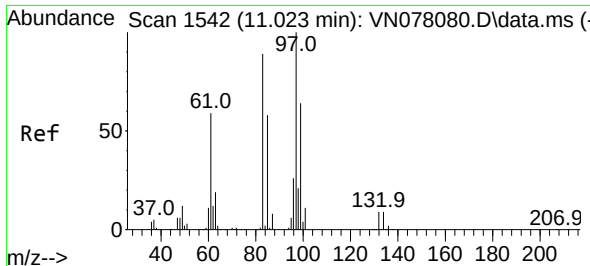
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
cis-1,3-Dichloropropene
Concen: 21.221 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

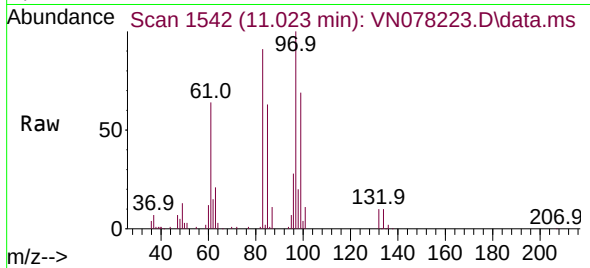
Tgt Ion: 75 Resp: 149573
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 48.1 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 21.251 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

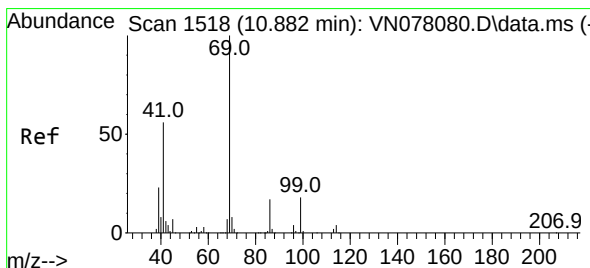
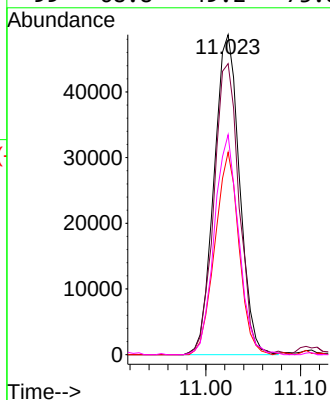
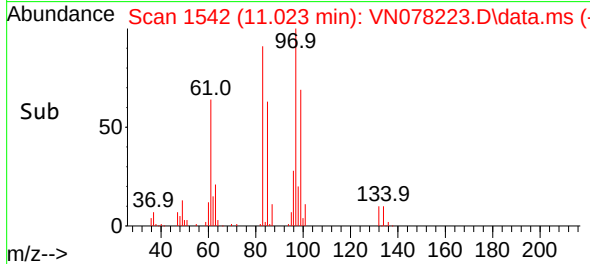
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



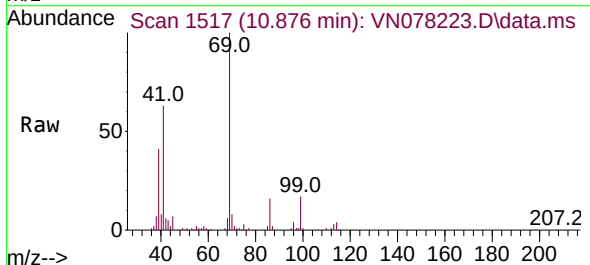
Tgt Ion:	97	Resp:	9128
Ion Ratio	100	Lower	Upper
97	100		
83	91.0	65.1	97.7
85	63.3	43.4	65.2
99	68.8	49.2	73.8

Manual Integrations
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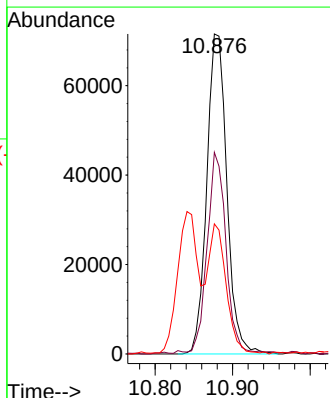
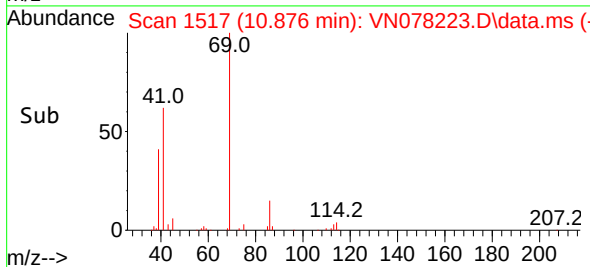
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

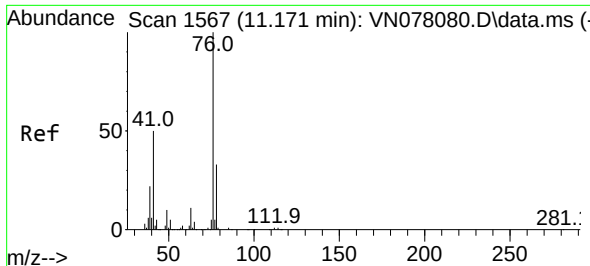


#56
Ethyl methacrylate
Concen: 20.617 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion:	69	Resp:	128957
Ion Ratio	100	Lower	Upper
69	100		
41	59.0	39.6	59.4
39	38.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.775 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion: 76 Resp: 15789

Ion Ratio Lower Upper

76 100

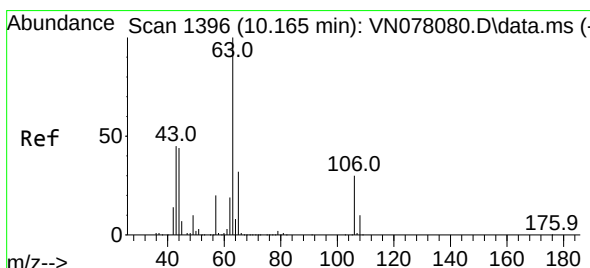
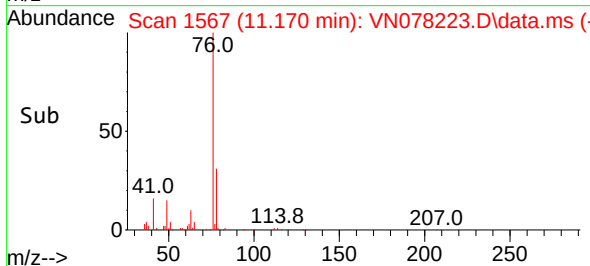
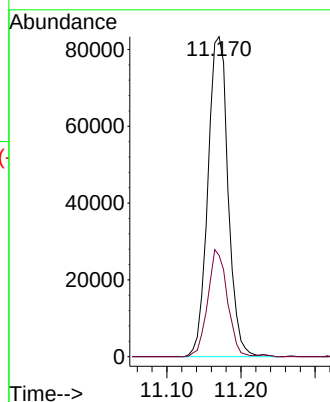
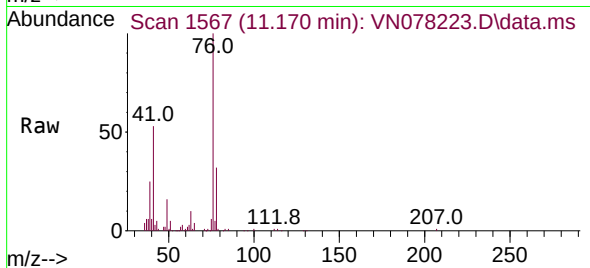
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.278 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078223.D

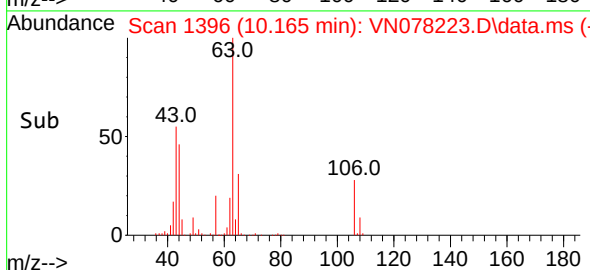
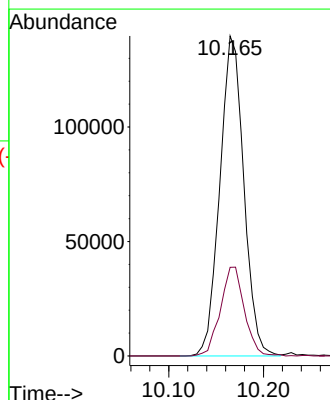
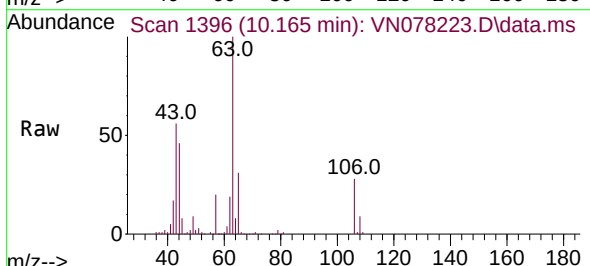
Acq: 15 Jun 2023 12:56

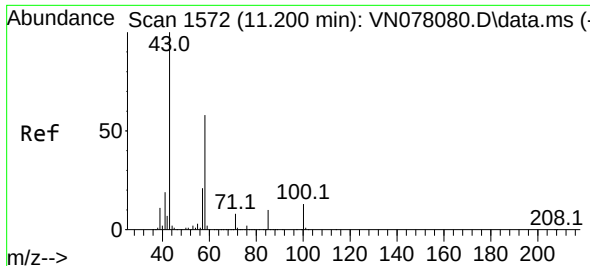
Tgt Ion: 63 Resp: 245797

Ion Ratio Lower Upper

63 100

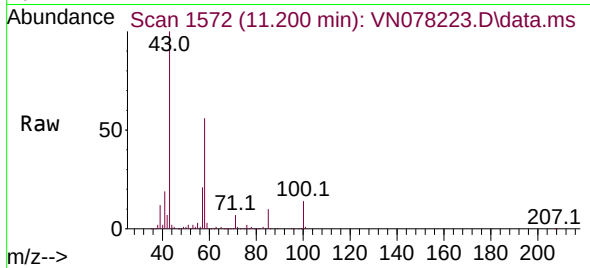
106 27.8 26.2 39.4





#59
2-Hexanone
Concen: 105.463 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

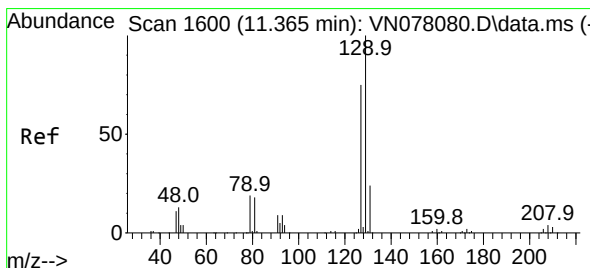
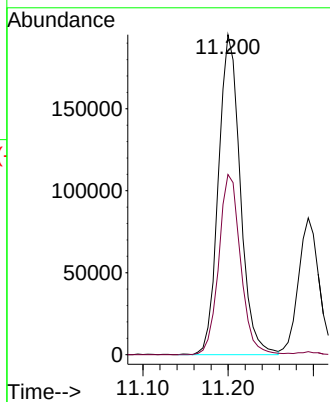
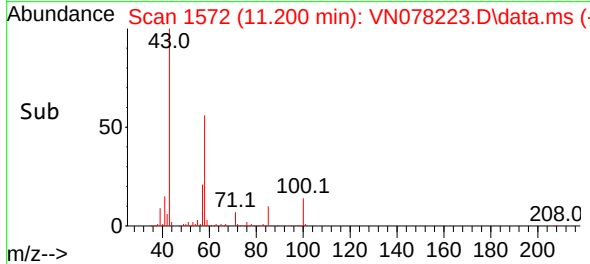
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 43 Resp: 348038
Ion Ratio Lower Upper
43 100
58 56.1 31.7 95.1

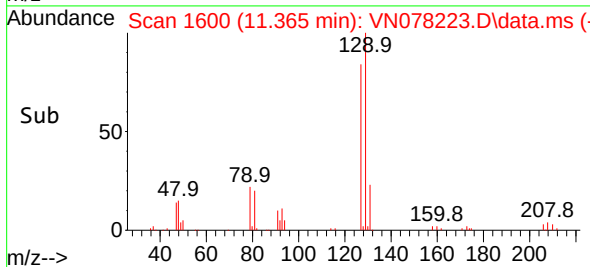
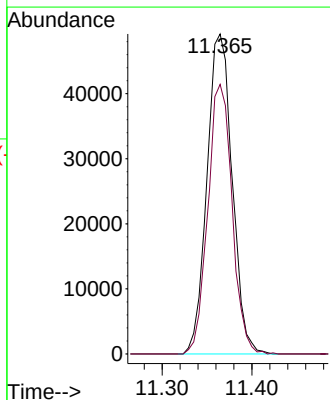
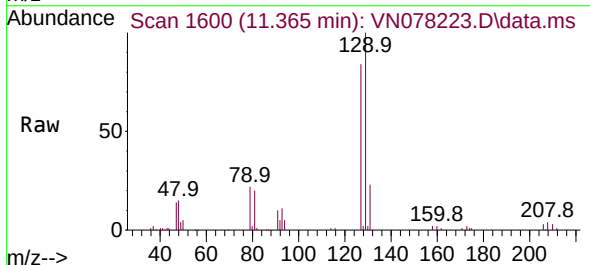
Manual Integrations
APPROVED

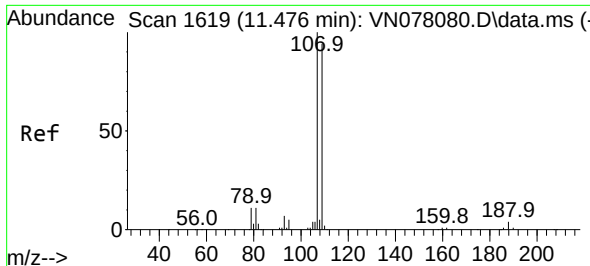
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
Dibromochloromethane
Concen: 20.417 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion:129 Resp: 95971
Ion Ratio Lower Upper
129 100
127 81.0 38.6 116.0





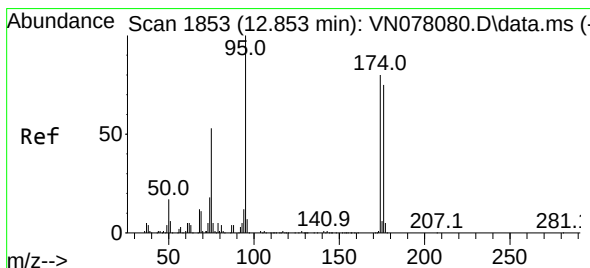
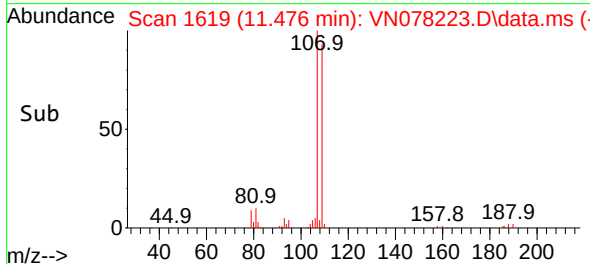
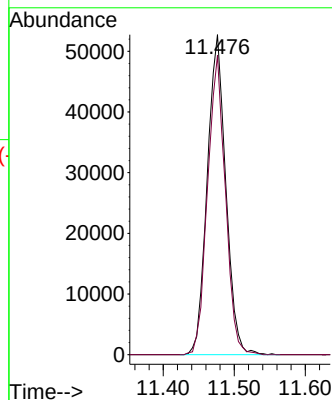
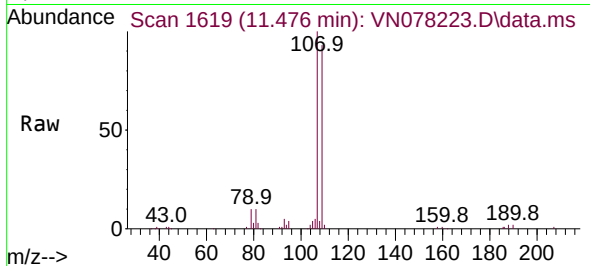
#61
1,2-Dibromoethane
Concen: 21.213 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion:107 Resp: 95628
Ion Ratio Lower Upper
107 100
109 89.9 76.6 114.8

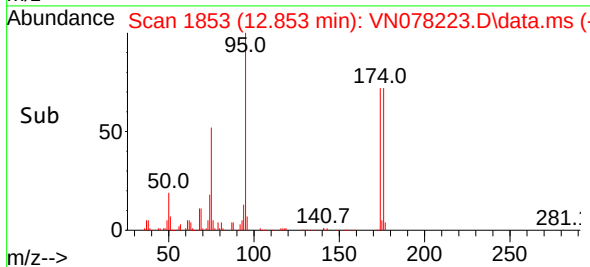
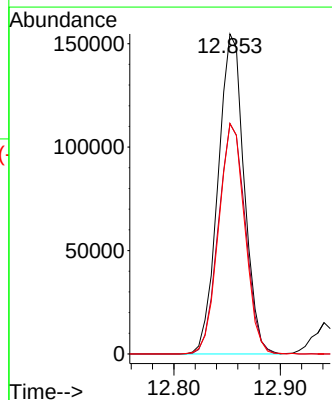
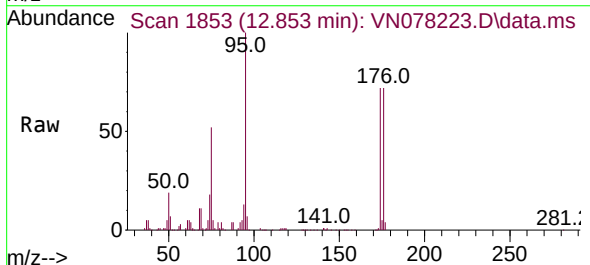
Manual Integrations
APPROVED

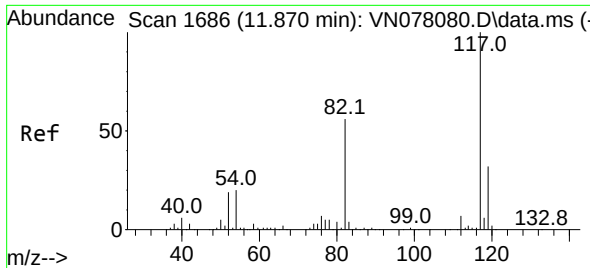
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#62
4-Bromofluorobenzene
Concen: 52.257 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

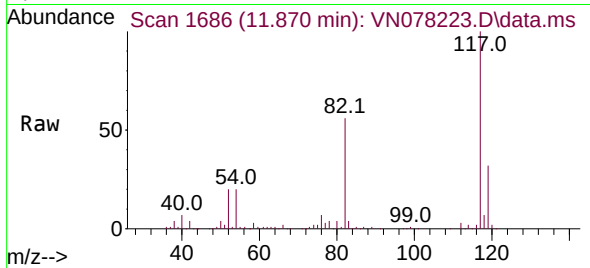
Tgt Ion: 95 Resp: 263033
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 72.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

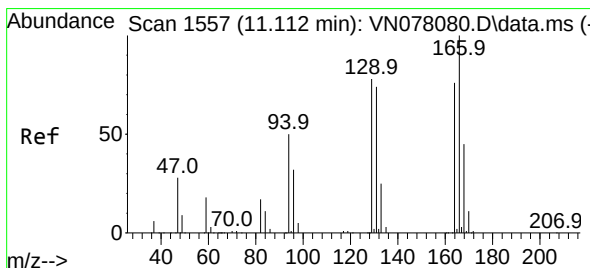
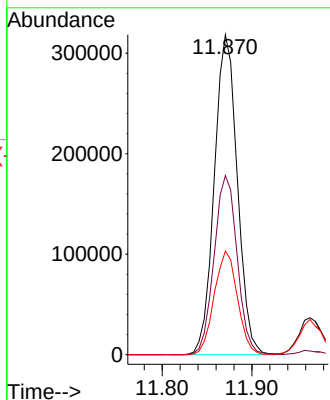
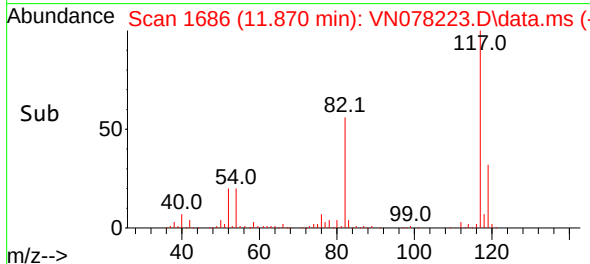
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion:117 Resp: 566989
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.4 25.6 38.4

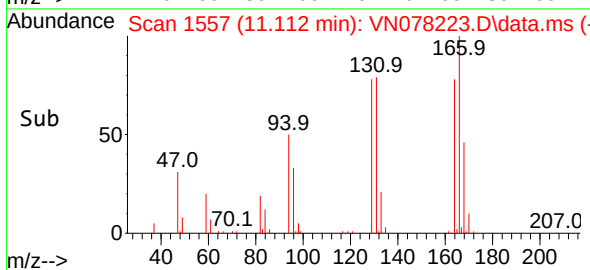
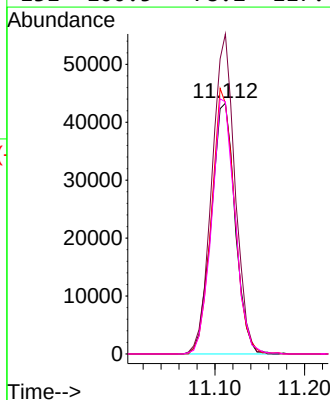
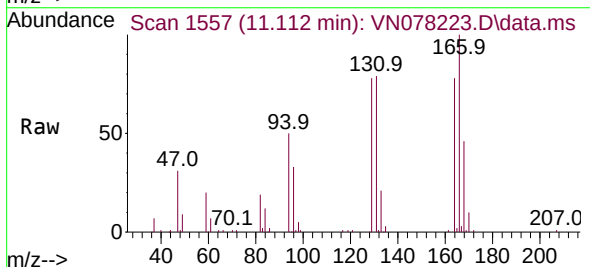
Manual Integrations
APPROVED

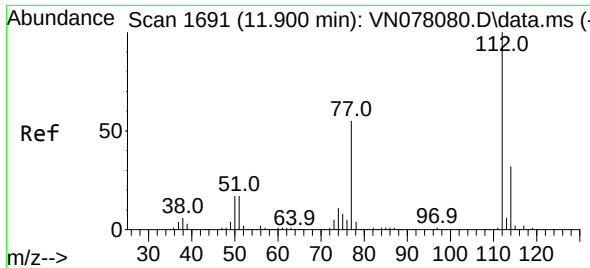
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#64
Tetrachloroethene
Concen: 21.045 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

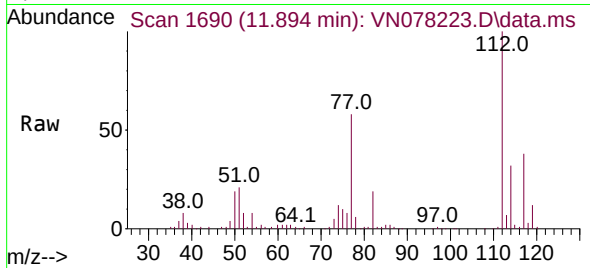
Tgt Ion:164 Resp: 79604
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 100.0 82.4 123.6
131 100.5 78.2 117.4





#65
Chlorobenzene
Concen: 19.775 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

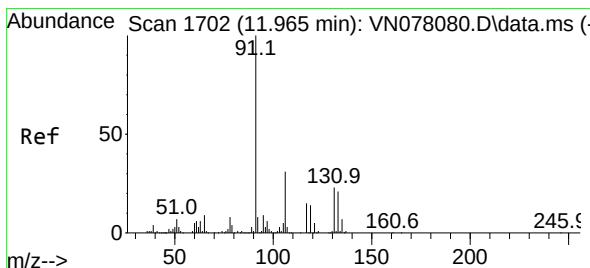
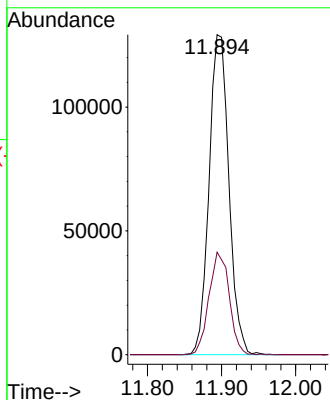
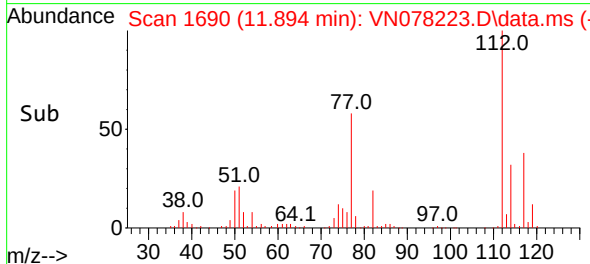
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



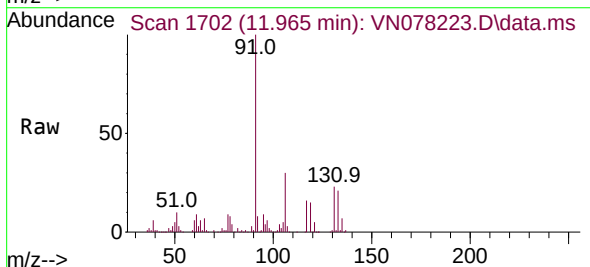
Tgt Ion:112 Resp: 240120
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
APPROVED

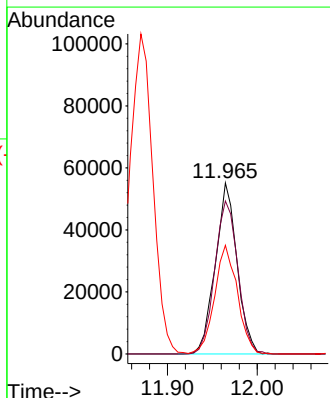
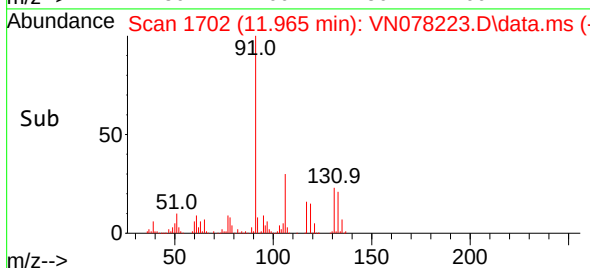
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

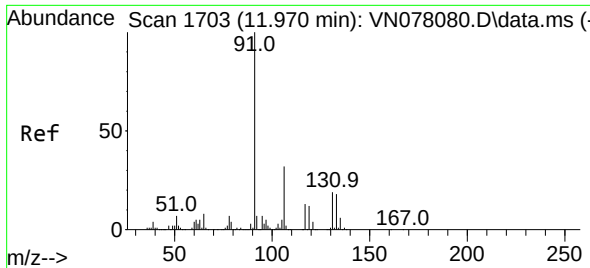


#66
1,1,1,2-Tetrachloroethane
Concen: 20.780 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion:131 Resp: 92804
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 66.7 34.1 102.2





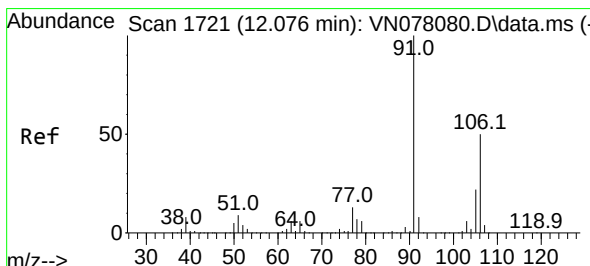
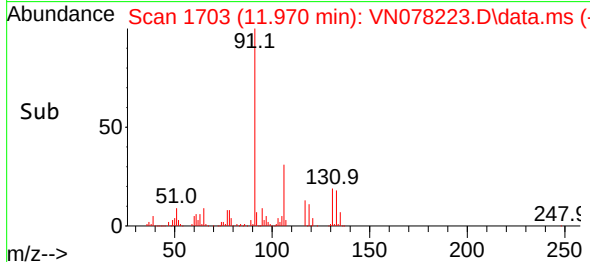
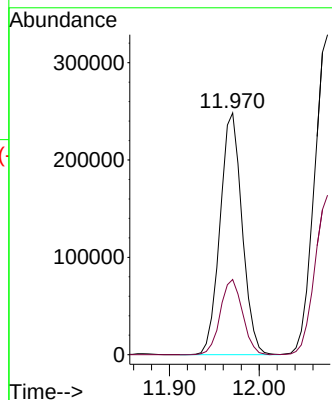
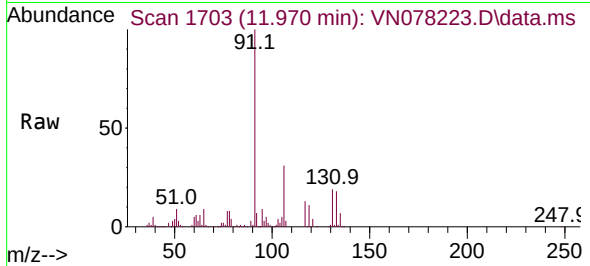
#67
Ethyl Benzene
Concen: 20.220 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 91 Resp: 423638
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

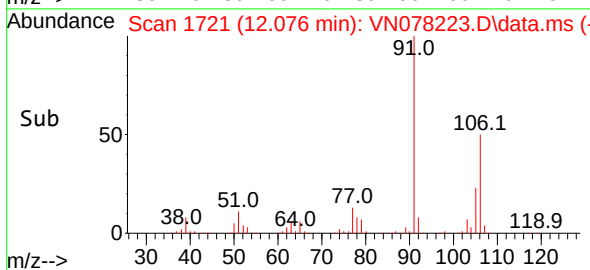
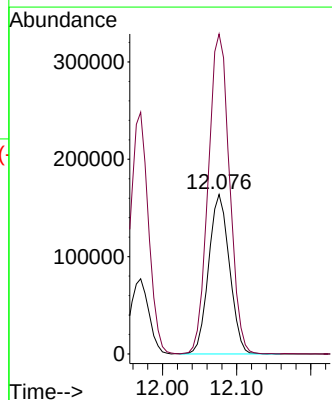
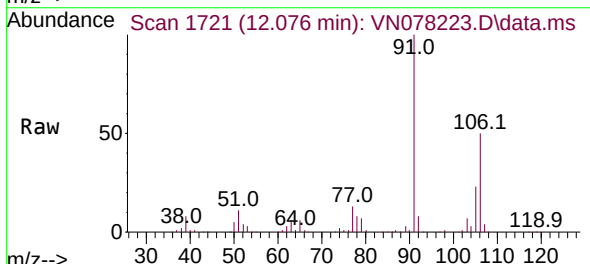
Manual Integrations
APPROVED

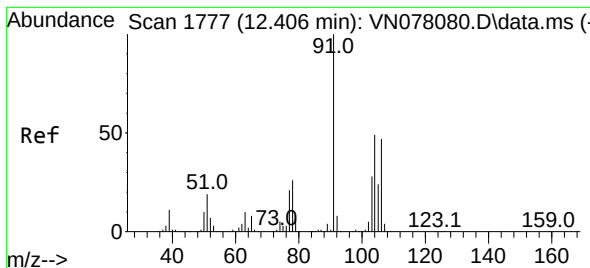
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#68
m/p-Xylenes
Concen: 40.090 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion:106 Resp: 320103
Ion Ratio Lower Upper
106 100
91 204.5 159.6 239.4





#69

o-Xylene

Concen: 20.006 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion:106 Resp: 156869

Ion Ratio Lower Upper

106 100

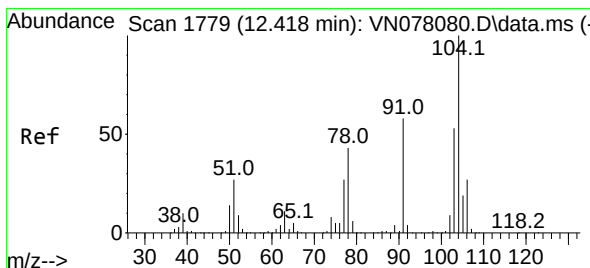
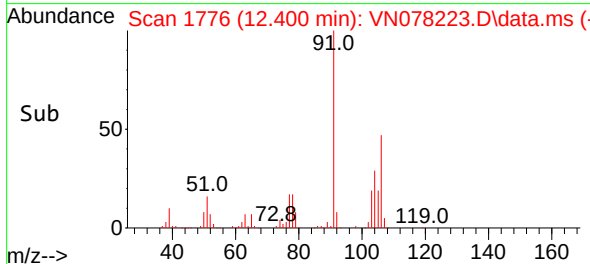
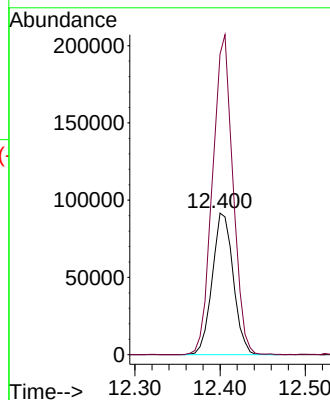
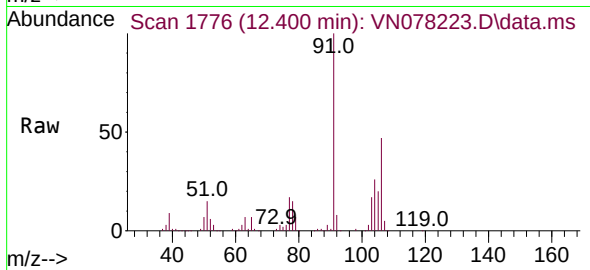
91 219.7 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#70

Styrene

Concen: 20.143 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

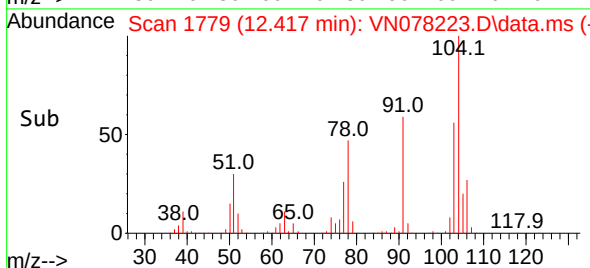
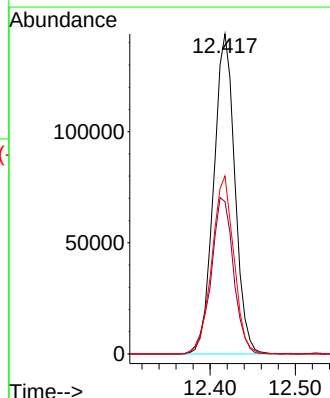
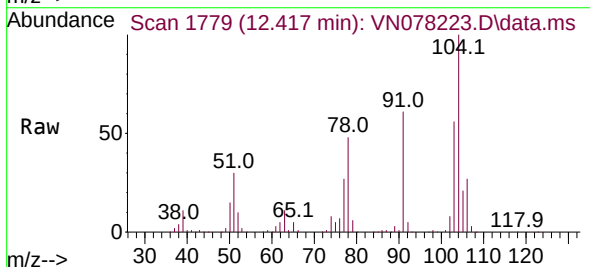
Tgt Ion:104 Resp: 248647

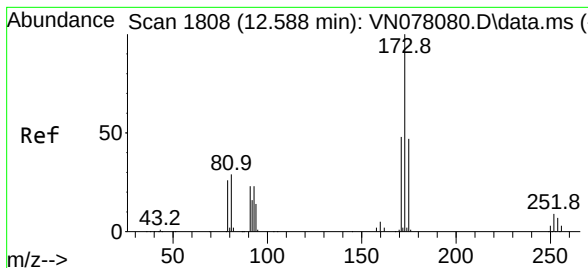
Ion Ratio Lower Upper

104 100

78 51.7 39.5 59.3

103 57.7 43.2 64.8





#71

Bromoform

Concen: 20.330 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

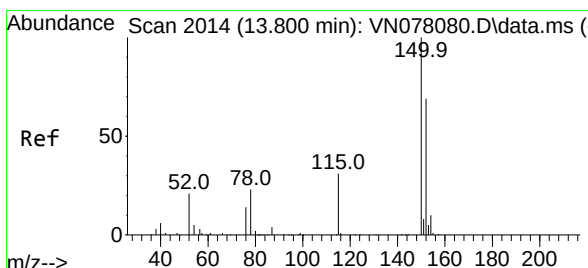
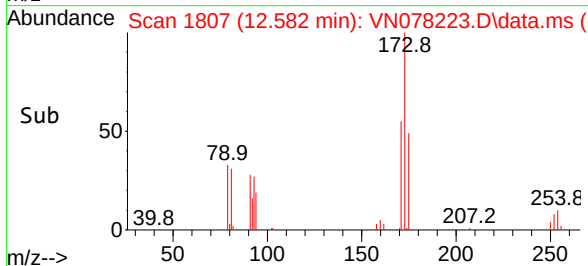
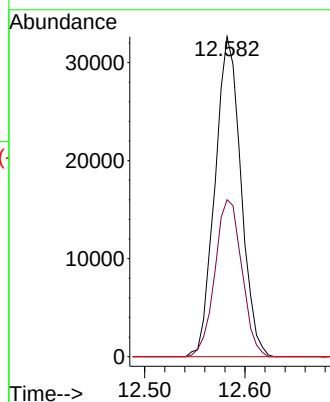
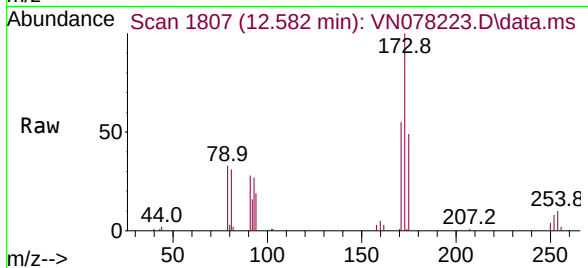
Tgt Ion:173	Resp: 58594
Ion Ratio	Lower Upper
173 100	
175 50.9	24.3 73.0
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

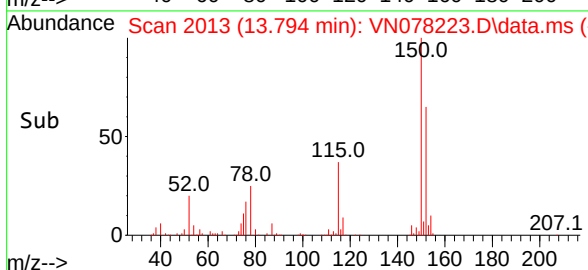
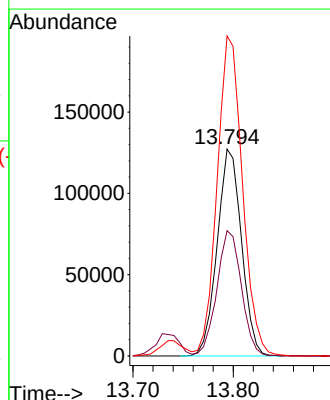
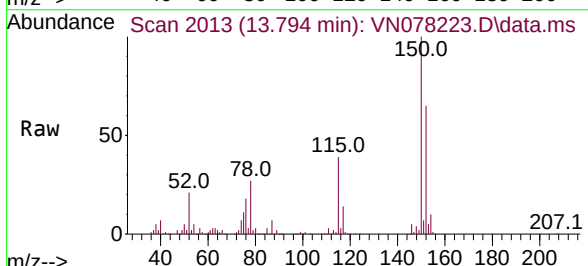
RT: 13.794 min Scan# 2013

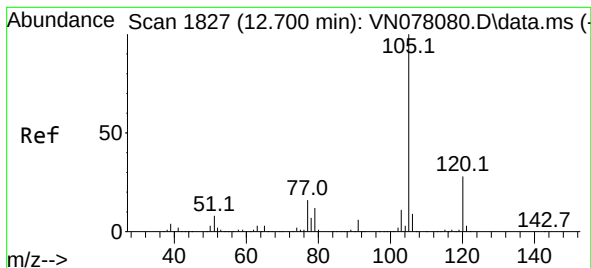
Delta R.T. -0.006 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Tgt Ion:152	Resp: 214568
Ion Ratio	Lower Upper
152 100	
115 61.0	32.3 96.8
150 160.9	0.0 355.8





#73

Isopropylbenzene

Concen: 19.274 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

Tgt Ion:105 Resp: 39107

Ion Ratio Lower Upper

105 100

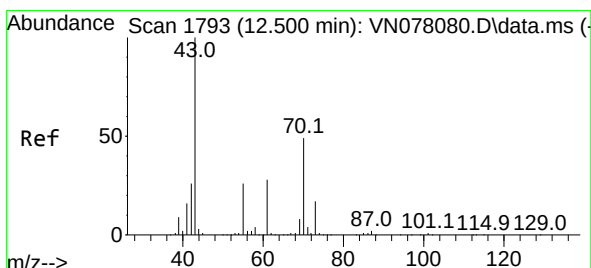
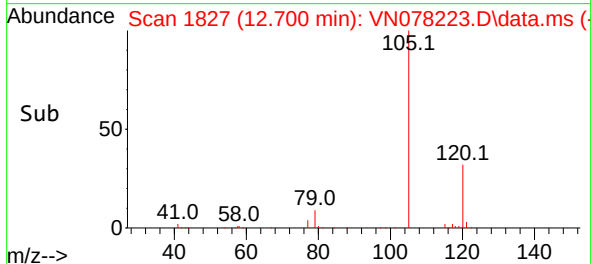
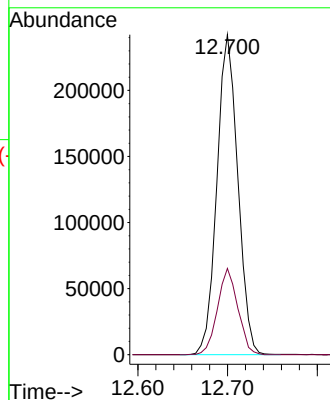
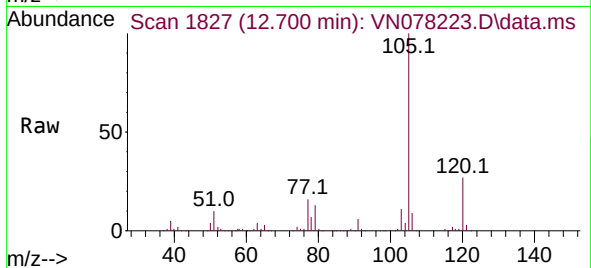
120 26.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#74

N-ethyl acetate

Concen: 18.746 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Tgt Ion: 43 Resp: 125255

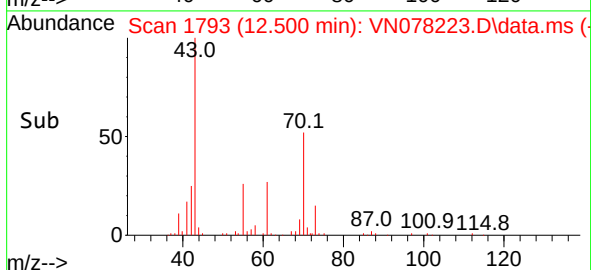
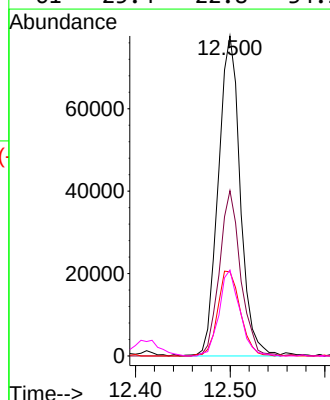
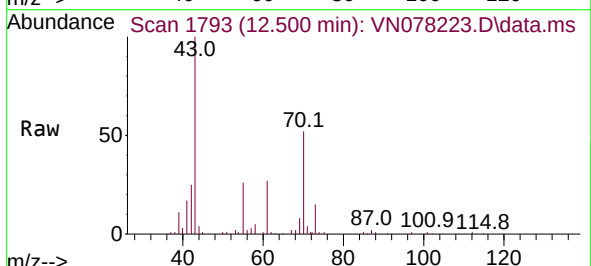
Ion Ratio Lower Upper

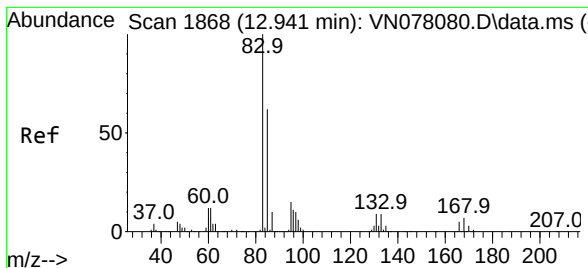
43 100

70 49.8 43.4 65.2

55 27.2 21.4 32.0

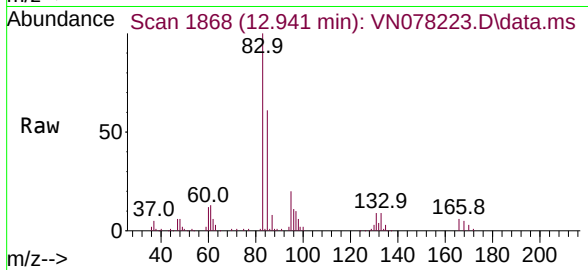
61 25.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.118 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

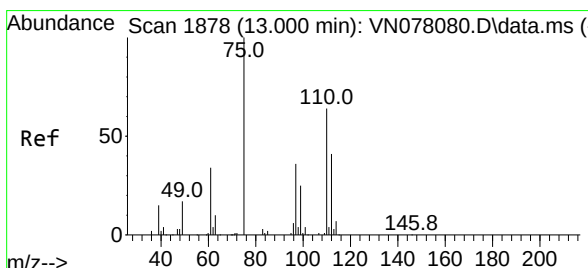
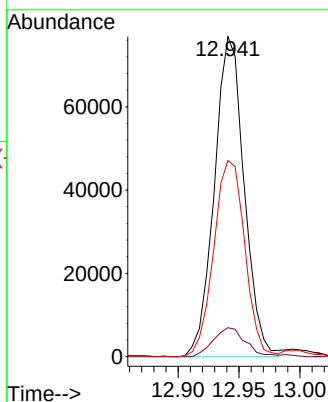
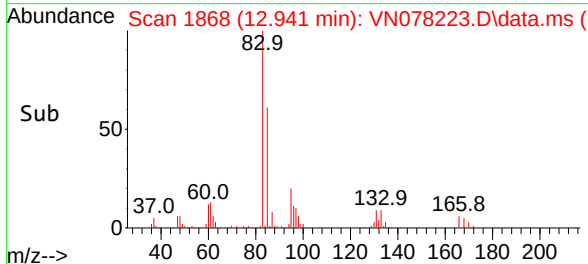
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



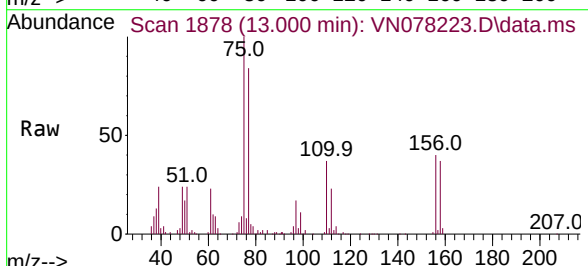
Tgt Ion: 83 Resp: 131049
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.8 31.9 95.7

Manual Integrations
APPROVED

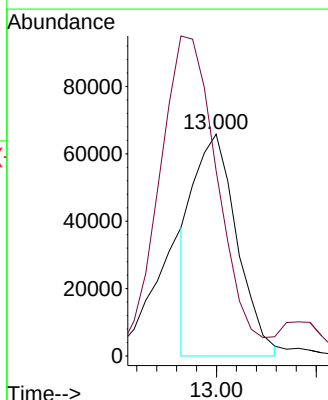
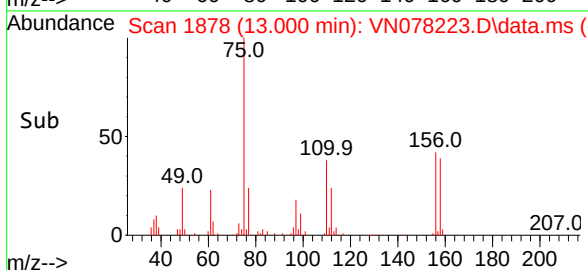
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

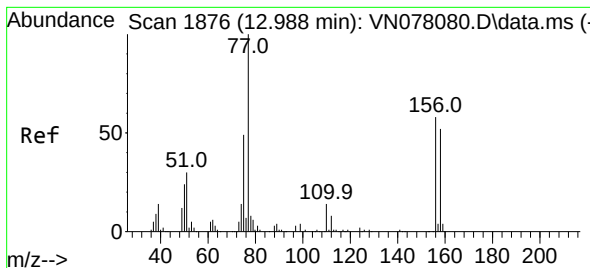


#76
1,2,3-Trichloropropane
Concen: 19.785 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion: 75 Resp: 100359
Ion Ratio Lower Upper
75 100
77 193.7 84.5 253.5





#77

Bromobenzene

Concen: 19.166 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0615WBS01

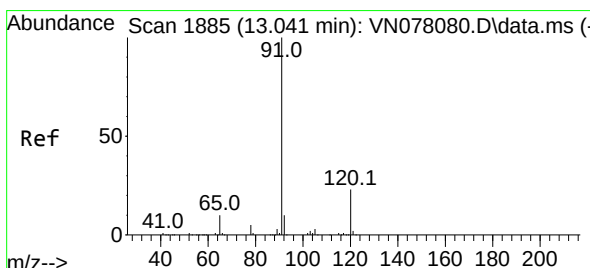
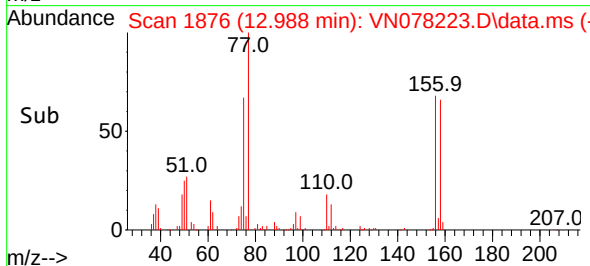
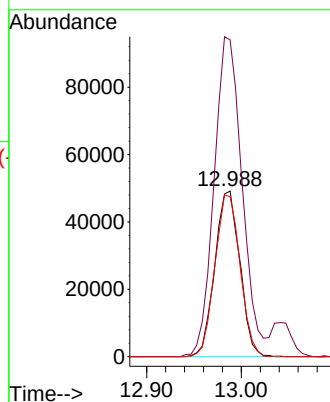
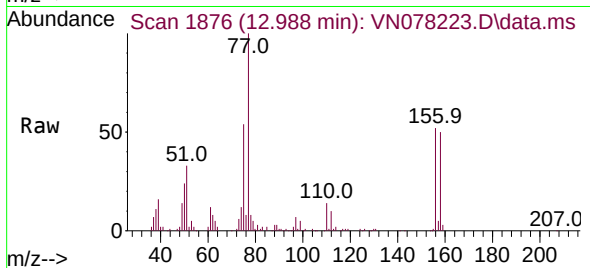
Tgt Ion:	156	Resp:	90274
Ion Ratio	Lower	Upper	
156	100		
77	215.3	107.7	323.3
158	98.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#78

n-propylbenzene

Concen: 19.705 ug/l

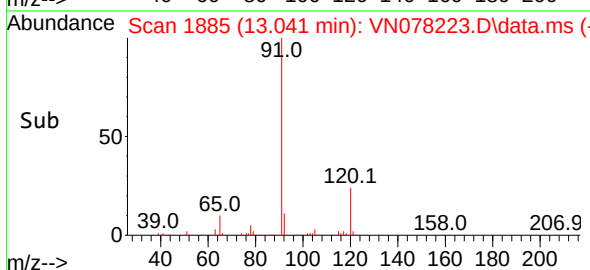
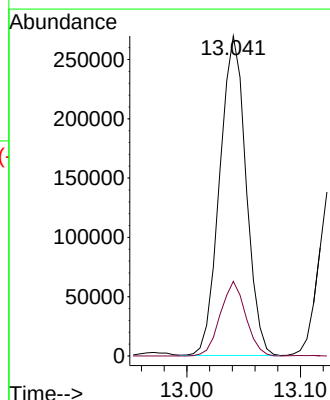
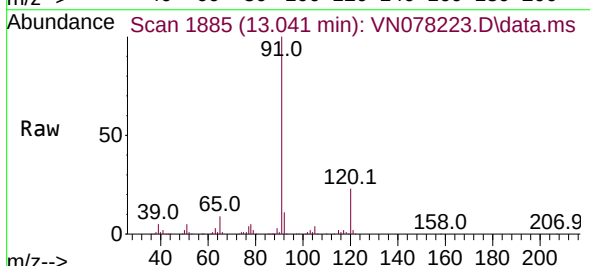
RT: 13.041 min Scan# 1885

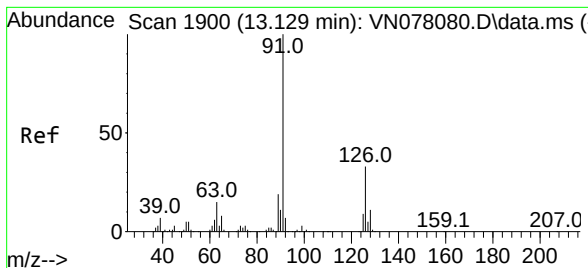
Delta R.T. -0.000 min

Lab File: VN078223.D

Acq: 15 Jun 2023 12:56

Tgt Ion:	91	Resp:	434394
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





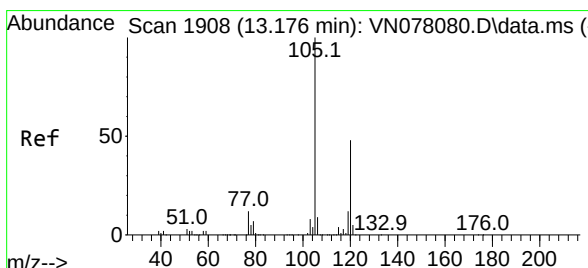
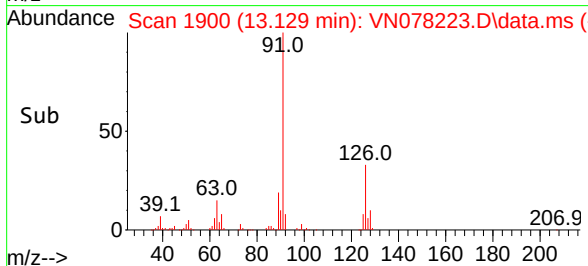
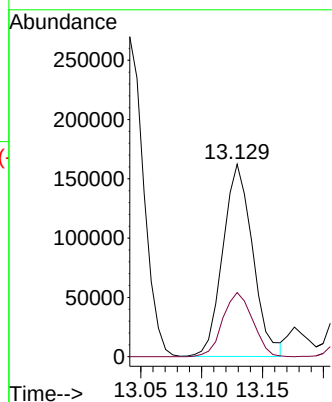
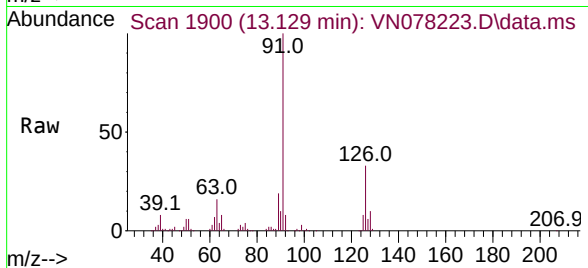
#79
2-Chlorotoluene
Concen: 19.498 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 91 Resp: 277460
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

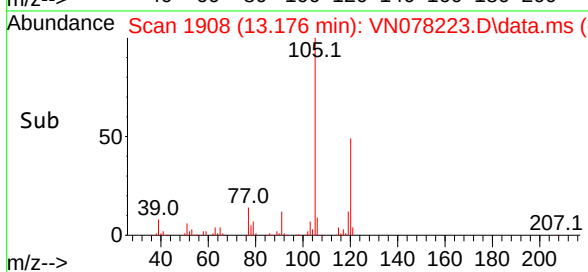
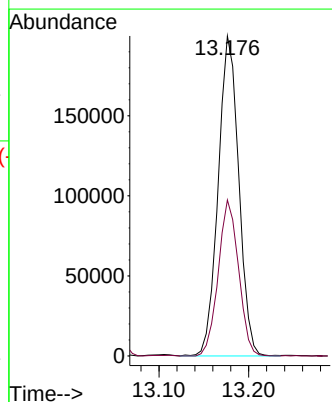
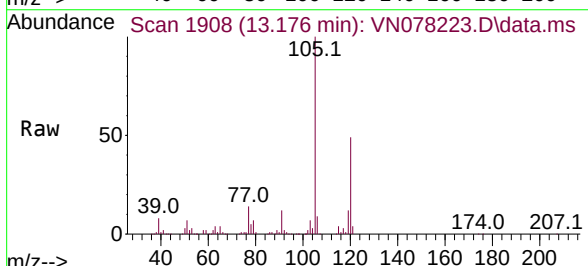
Manual Integrations
APPROVED

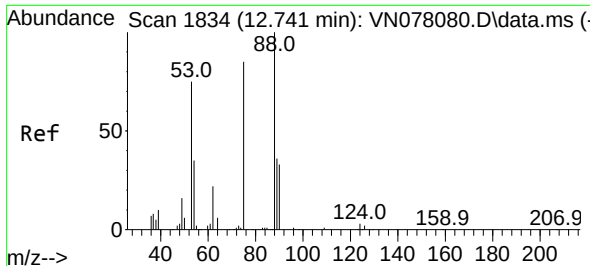
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.411 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

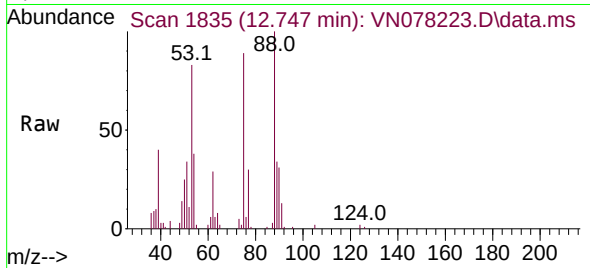
Tgt Ion:105 Resp: 318876
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.755 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

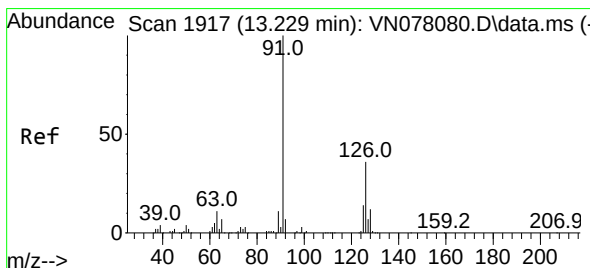
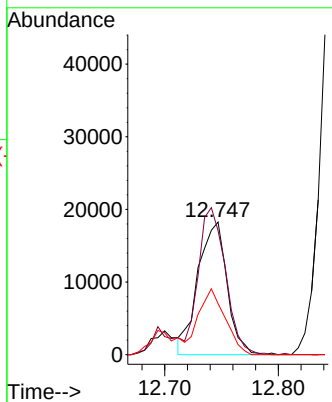
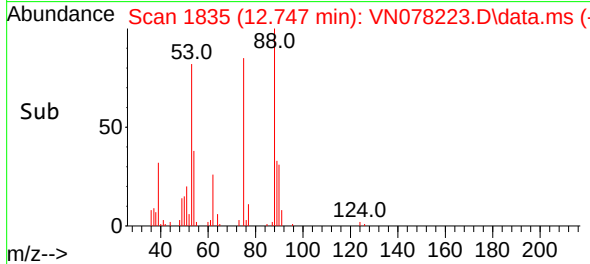
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



Tgt Ion: 75 Resp: 32610
Ion Ratio Lower Upper
75 100
53 102.9 67.4 101.2
89 45.4 38.8 58.2

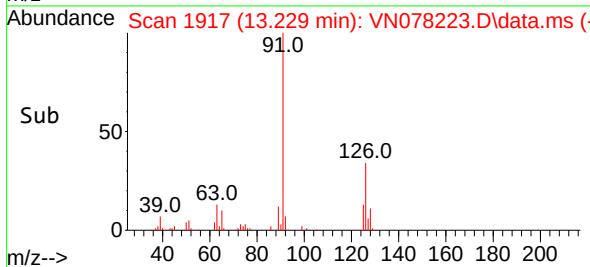
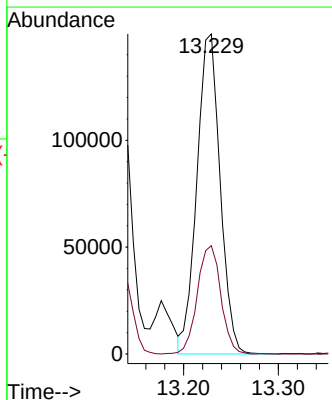
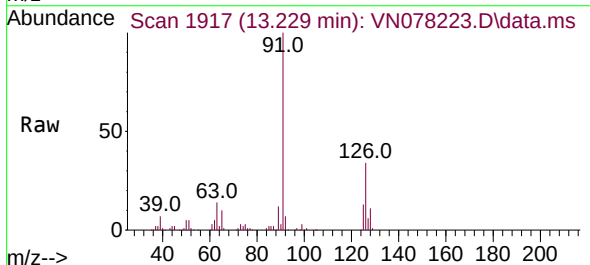
Manual Integrations
APPROVED

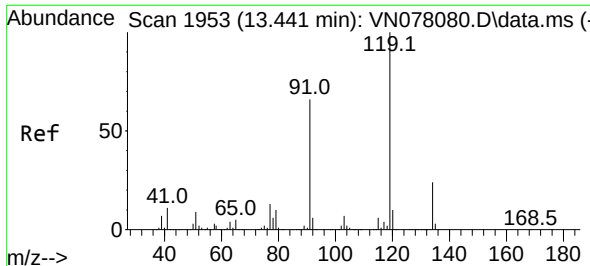
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#82
4-Chlorotoluene
Concen: 19.223 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

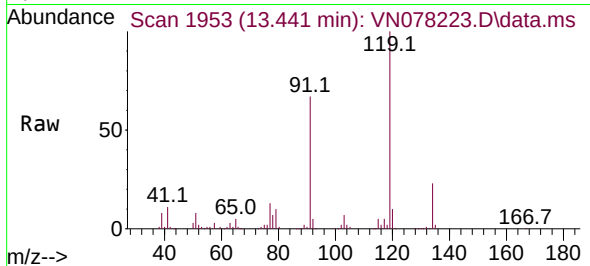
Tgt Ion: 91 Resp: 255300
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.075 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

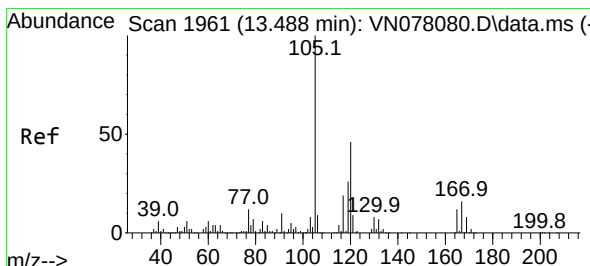
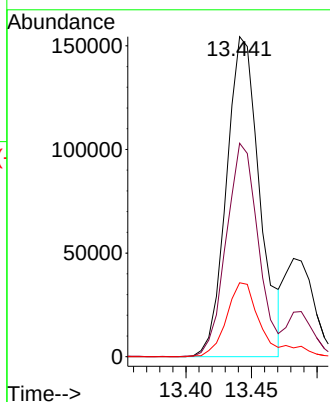
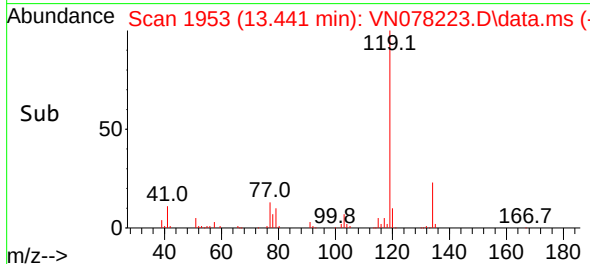
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



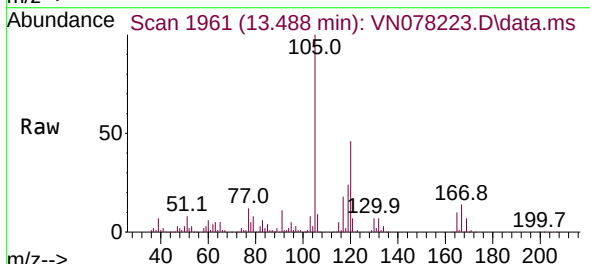
Tgt Ion:119 Resp: 27238
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 24.6 13.2 39.6

Manual Integrations
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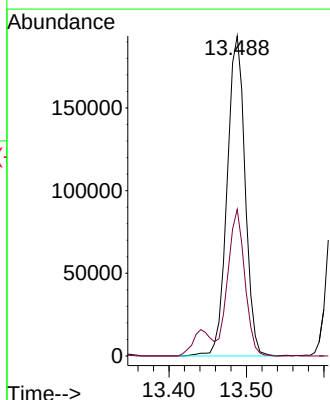
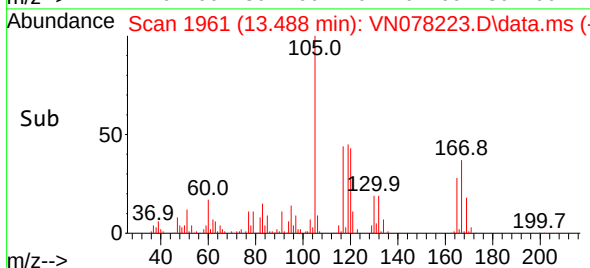
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

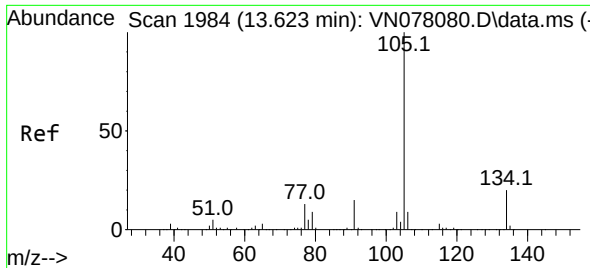


#84
1,2,4-Trimethylbenzene
Concen: 19.559 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion:105 Resp: 311506
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





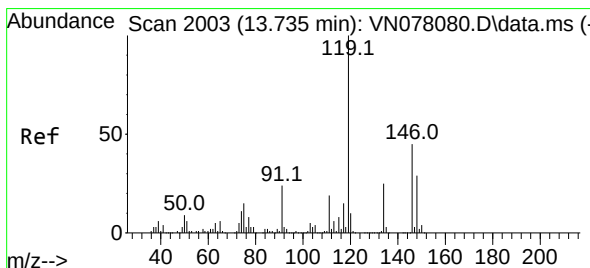
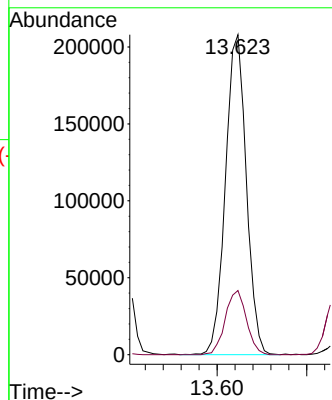
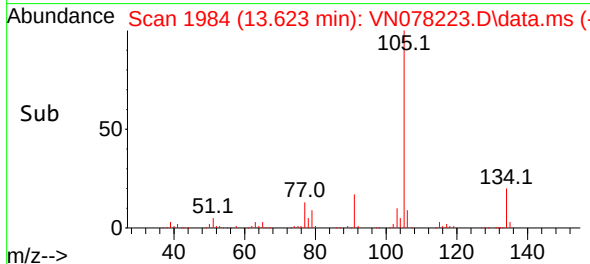
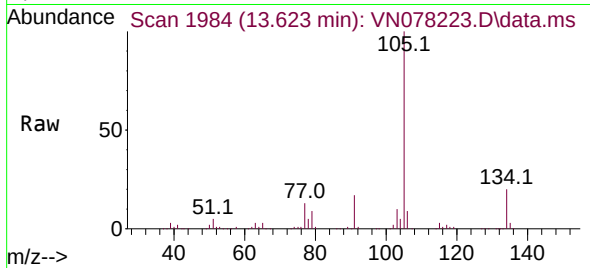
#85
 sec-Butylbenzene
 Concen: 17.964 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078223.D
 Acq: 15 Jun 2023 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBS01

Tgt Ion:105 Resp: 33575
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

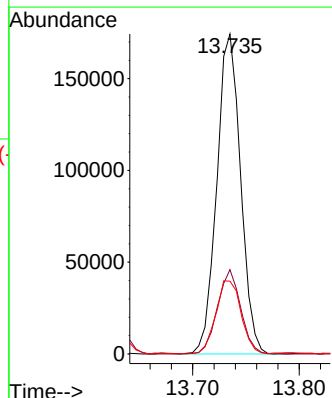
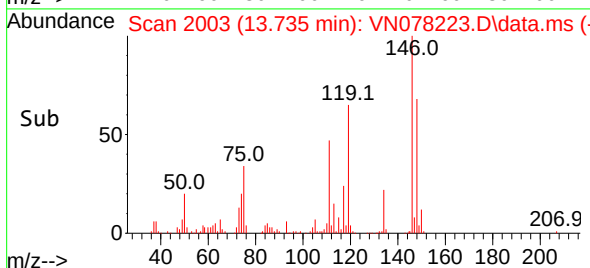
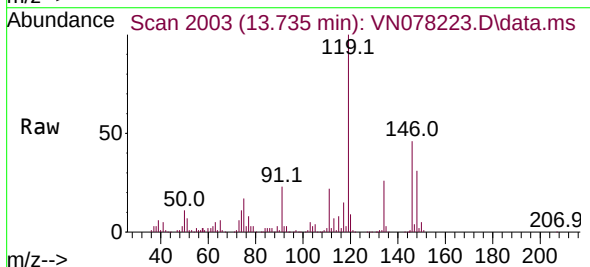
Manual Integrations
 APPROVED

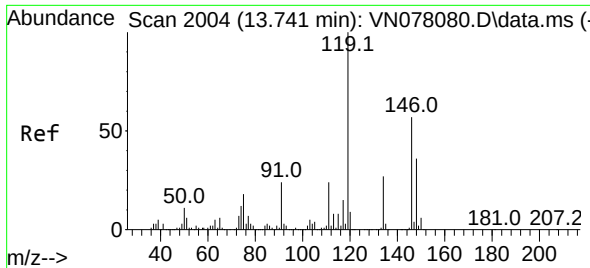
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#86
 p-Isopropyltoluene
 Concen: 17.791 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078223.D
 Acq: 15 Jun 2023 12:56

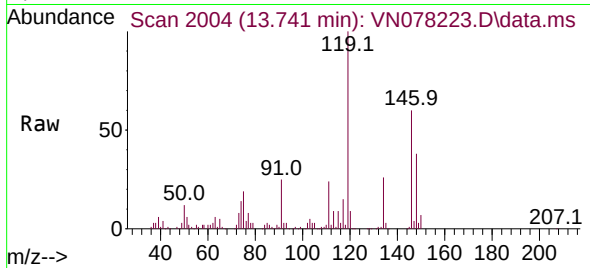
Tgt Ion:119 Resp: 269840
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.090 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

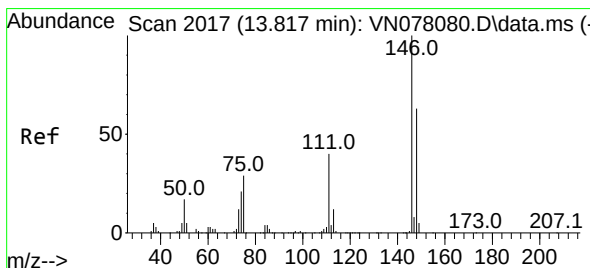
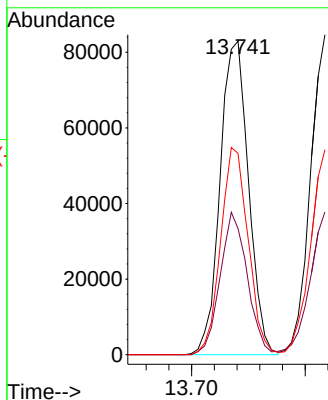
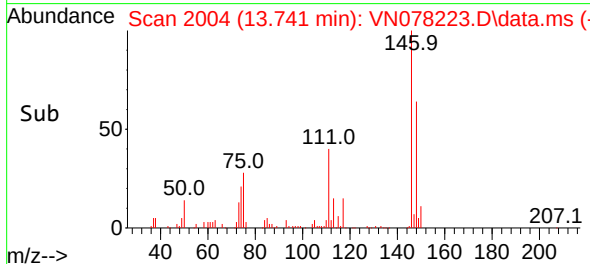
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



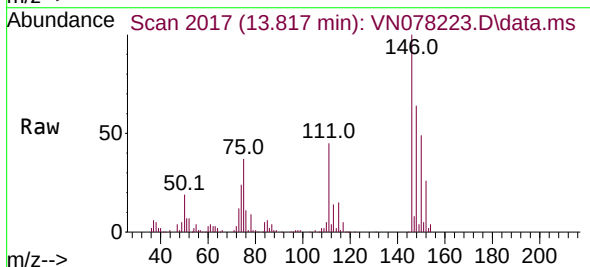
Tgt Ion:146 Resp: 144128
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 63.9 32.0 96.0

Manual Integrations
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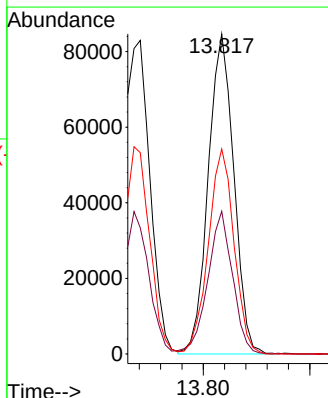
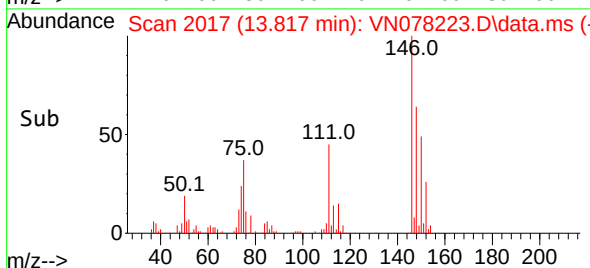
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

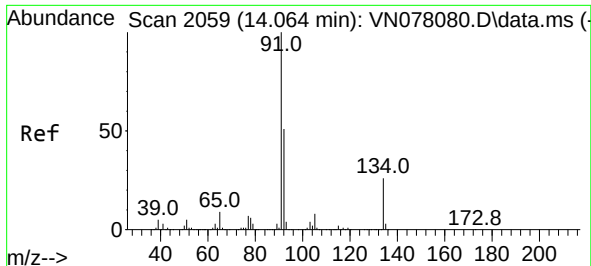


#88
1,4-Dichlorobenzene
Concen: 18.368 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion:146 Resp: 141215
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.8
148 64.4 31.6 94.8





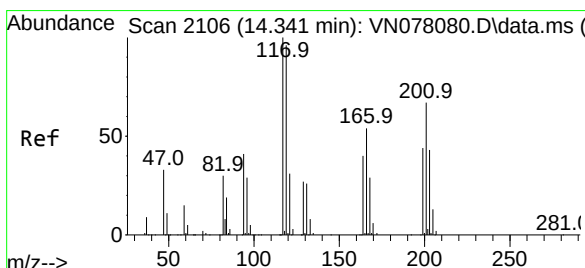
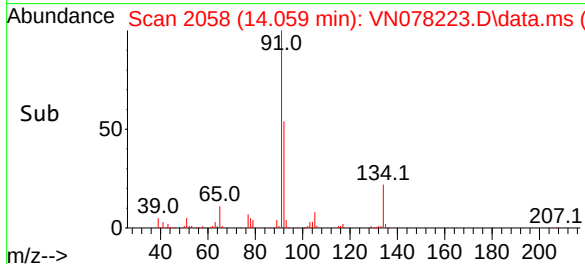
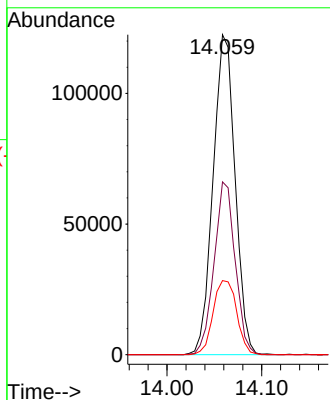
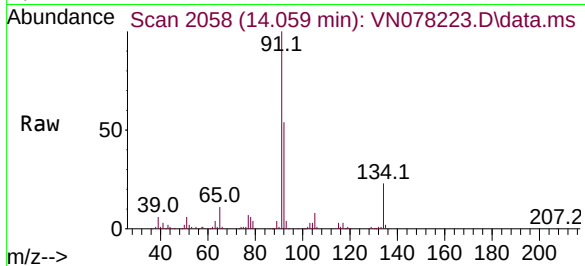
#89
n-Butylbenzene
Concen: 16.542 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion: 91 Resp: 19788
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 24.8 12.6 37.6

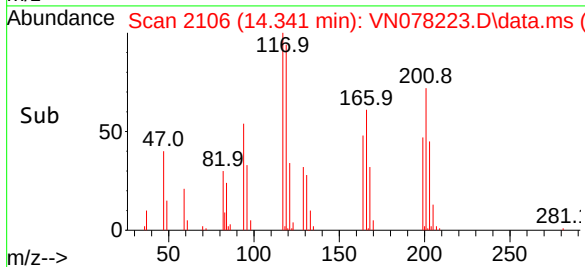
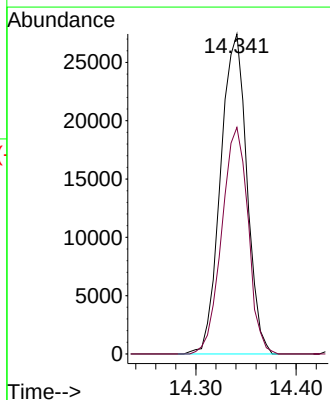
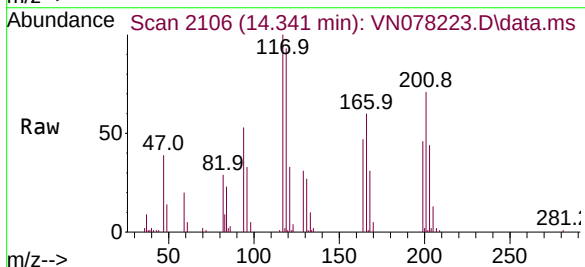
Manual Integrations
APPROVED

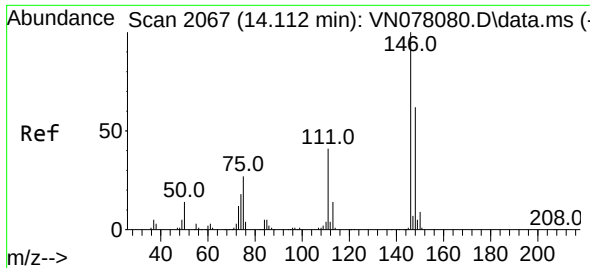
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#90
Hexachloroethane
Concen: 18.534 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Tgt Ion:117 Resp: 49887
Ion Ratio Lower Upper
117 100
201 70.8 29.3 88.0





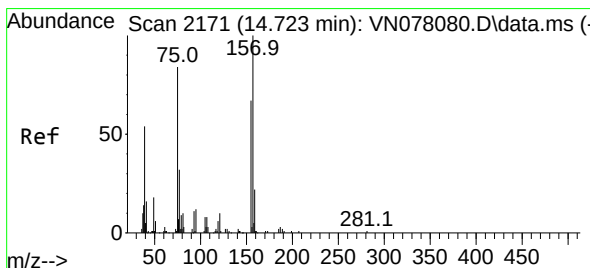
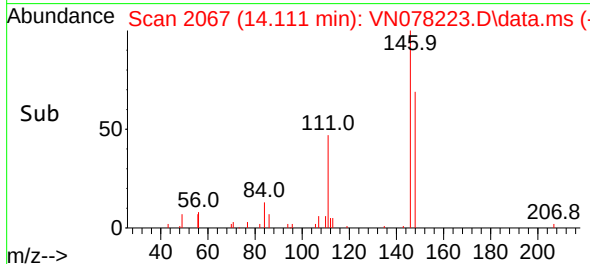
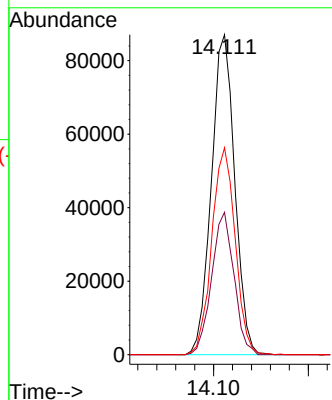
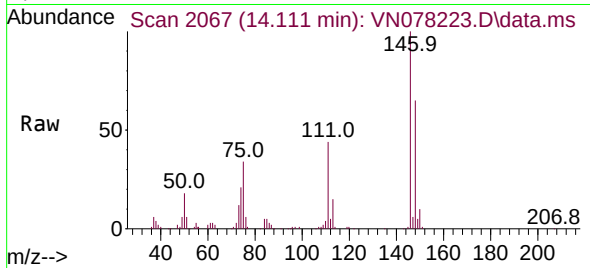
#91
1,2-Dichlorobenzene
Concen: 19.138 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01

Tgt Ion:146 Resp: 14902
Ion Ratio Lower Upper
146 100
111 42.5 22.0 66.0
148 64.9 31.8 95.3

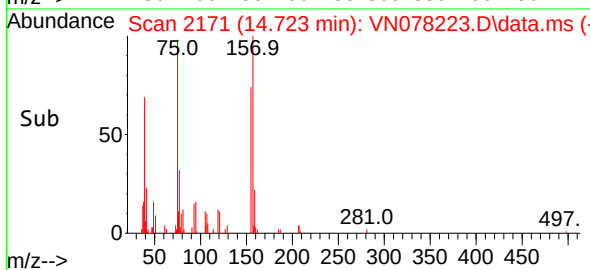
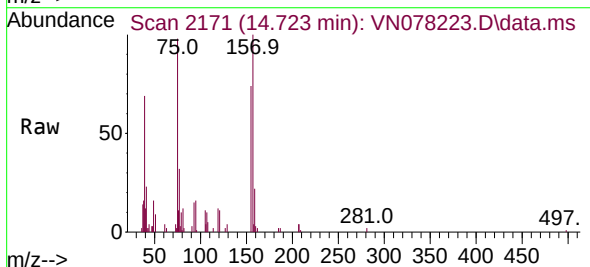
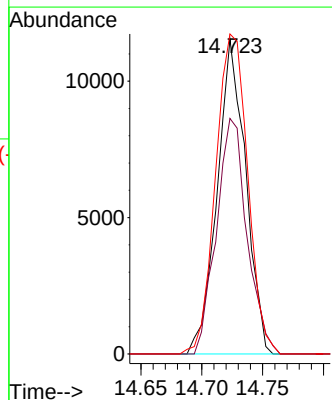
Manual Integrations
APPROVED

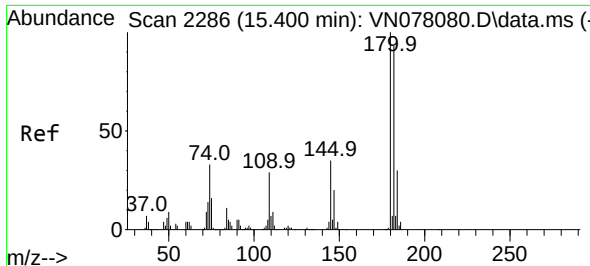
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.679 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

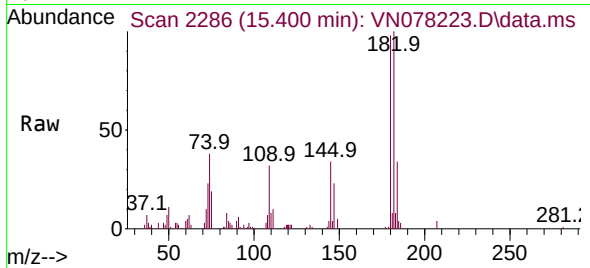
Tgt Ion: 75 Resp: 18773
Ion Ratio Lower Upper
75 100
155 80.2 39.1 117.2
157 114.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.009 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

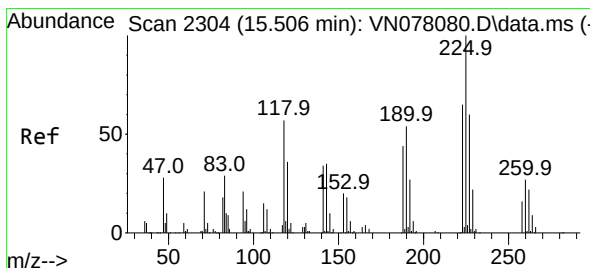
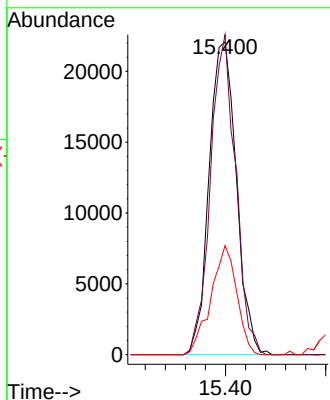
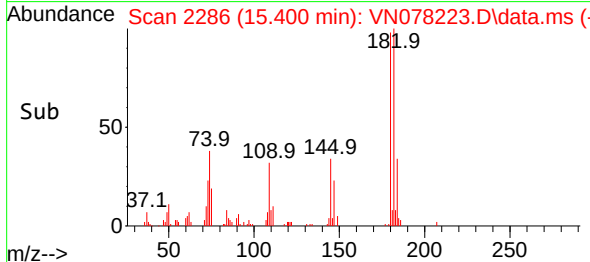
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



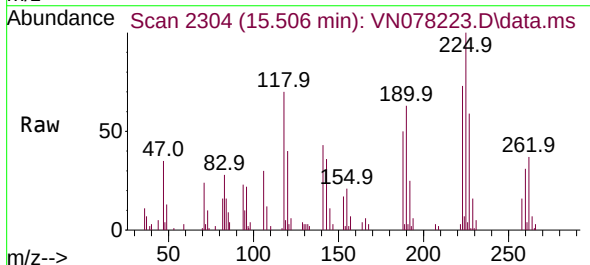
Tgt Ion:180 Resp: 41639
Ion Ratio Lower Upper
180 100
182 94.5 46.1 138.2
145 33.1 16.6 49.8

Manual Integrations
APPROVED

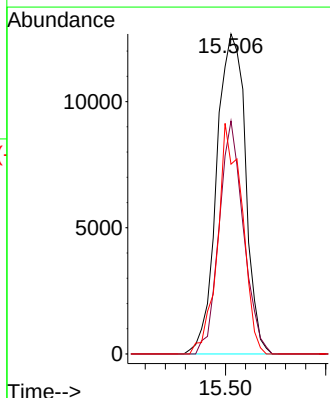
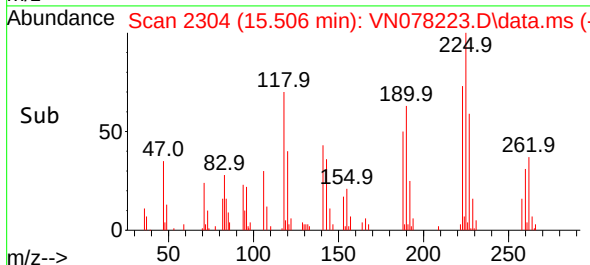
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

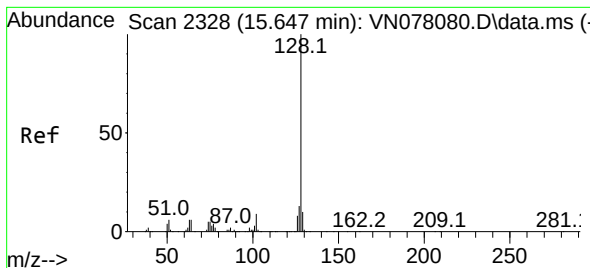


#94
Hexachlorobutadiene
Concen: 16.802 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



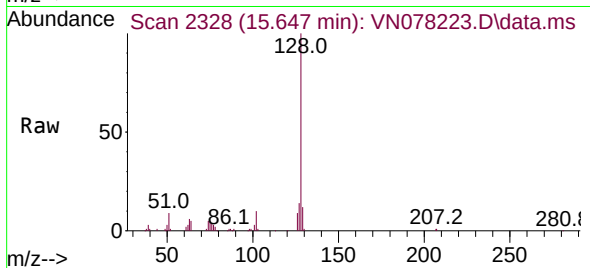
Tgt Ion:225 Resp: 25268
Ion Ratio Lower Upper
225 100
223 61.6 31.3 93.8
227 61.2 31.9 95.9





#95
Naphthalene
Concen: 12.923 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56

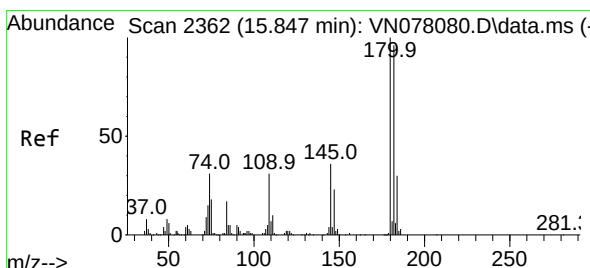
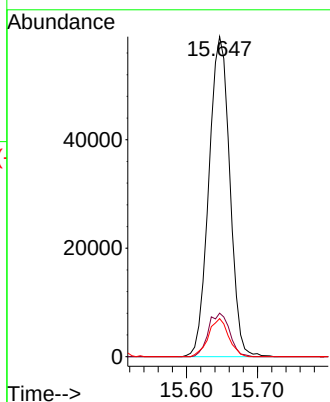
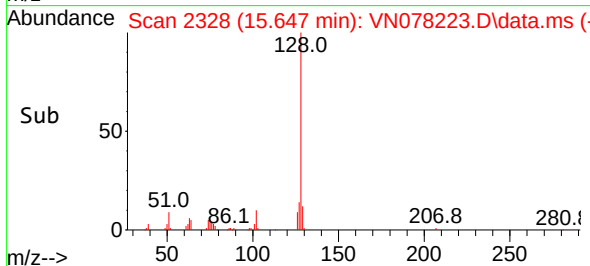
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBS01



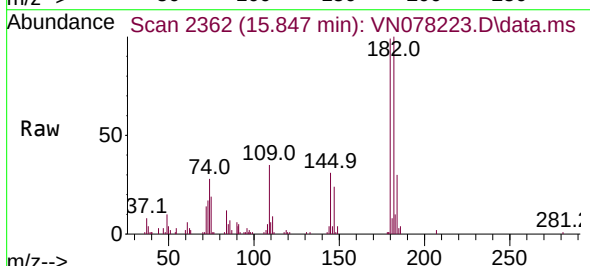
Tgt Ion:128 Resp: 120600
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.099 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078223.D
Acq: 15 Jun 2023 12:56



Tgt Ion:180 Resp: 49954
Ion Ratio Lower Upper
180 100
182 93.8 46.2 138.6
145 31.3 17.5 52.6

