

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078120.D
 Acq On : 08 Jun 2023 11:09
 Operator : JC\MD
 Sample : VN0608WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2023
 Supervised By : Mahesh Dadoda 06/09/2023

Quant Time: Jun 09 01:23:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	402887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	718823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	619118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	294769	54.874	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.740%			
35) Dibromofluoromethane	8.171	113	242240	53.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	10.571	98	927505	52.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.880%			
62) 4-Bromofluorobenzene	12.853	95	290692	53.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	78343	17.202	ug/l	99
3) Chloromethane	2.371	50	83770	18.399	ug/l	97
4) Vinyl Chloride	2.524	62	102597	17.204	ug/l	98
5) Bromomethane	2.959	94	84076	18.655	ug/l	93
6) Chloroethane	3.130	64	72438	17.819	ug/l	100
7) Trichlorofluoromethane	3.501	101	140268	17.345	ug/l	99
8) Diethyl Ether	3.965	74	49584	17.450	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	77276	18.106	ug/l	96
10) Methyl Iodide	4.601	142	100740	16.691	ug/l	94
11) Tert butyl alcohol	5.536	59	69011	93.042	ug/l	99
12) 1,1-Dichloroethene	4.353	96	73777	16.769	ug/l	98
13) Acrolein	4.189	56	85592	104.703	ug/l	96
14) Allyl chloride	5.030	41	107539	20.024	ug/l	96
15) Acrylonitrile	5.730	53	181569	94.949	ug/l	99
16) Acetone	4.442	43	151955	98.278	ug/l	96
17) Carbon Disulfide	4.718	76	189020	16.692	ug/l	96
18) Methyl Acetate	5.036	43	131516	18.475	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	252059	17.957	ug/l	97
20) Methylene Chloride	5.277	84	91384	17.885	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	81673	17.212	ug/l	91
22) Diisopropyl ether	6.683	45	241820	19.142	ug/l	93
23) Vinyl Acetate	6.612	43	712449	94.874	ug/l	93
24) 1,1-Dichloroethane	6.577	63	151578	18.189	ug/l	98
25) 2-Butanone	7.494	43	229594	96.562	ug/l	91
26) 2,2-Dichloropropane	7.500	77	128322	20.854	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	101963	18.014	ug/l	94
28) Bromochloromethane	7.818	49	84183	22.001	ug/l	91
29) Tetrahydrofuran	7.847	42	149280	93.916	ug/l	85
30) Chloroform	7.971	83	166869	18.595	ug/l	94
31) Cyclohexane	8.259	56	127177	18.456	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	142423	18.078	ug/l	95
36) 1,1-Dichloropropene	8.377	75	121628	18.657	ug/l	97
37) Ethyl Acetate	7.565	43	101648	19.959	ug/l #	94
38) Carbon Tetrachloride	8.365	117	124282	18.054	ug/l	93
39) Methylcyclohexane	9.606	83	124534	18.433	ug/l	94
40) Benzene	8.612	78	361184	18.558	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	53731	19.464	ug/l	90
42) 1,2-Dichloroethane	8.677	62	131744	19.742	ug/l	96
43) Isopropyl Acetate	8.694	43	164397	16.879	ug/l	97
44) Trichloroethene	9.359	130	91827	17.865	ug/l	99
45) 1,2-Dichloropropane	9.630	63	93615	19.332	ug/l	97
46) Dibromomethane	9.712	93	67070	18.804	ug/l	96
47) Bromodichloromethane	9.894	83	131577	19.860	ug/l	94
48) Methyl methacrylate	9.688	41	75412	18.450	ug/l	90
49) 1,4-Dioxane	9.700	88	33855	394.083	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	496671	96.837	ug/l	92
52) Toluene	10.635	92	233188	18.976	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	132055	19.139	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	146343	19.187	ug/l #	91
55) 1,1,2-Trichloroethane	11.024	97	91900	19.770	ug/l	97
56) Ethyl methacrylate	10.882	69	130548	19.287	ug/l	92
57) 1,3-Dichloropropane	11.171	76	150271	19.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	276570	101.148	ug/l	92
59) 2-Hexanone	11.200	43	352993	98.844	ug/l	89
60) Dibromochloromethane	11.365	129	96508	18.973	ug/l	97
61) 1,2-Dibromoethane	11.477	107	93939	19.256	ug/l	96
64) Tetrachloroethene	11.106	164	83767	20.281	ug/l	93
65) Chlorobenzene	11.894	112	244189	18.417	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	91895	18.844	ug/l	97
67) Ethyl Benzene	11.971	91	423525	18.513	ug/l	97
68) m/p-Xylenes	12.076	106	325192	37.298	ug/l	98
69) o-Xylene	12.406	106	160096	18.699	ug/l	97
70) Styrene	12.418	104	244412	18.133	ug/l	96
71) Bromoform	12.582	173	59977	19.058	ug/l #	97
73) Isopropylbenzene	12.700	105	397556	17.667	ug/l	98
74) N-amyl acetate	12.500	43	125978	17.000	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	127499	19.087	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	101528m	18.047	ug/l	
77) Bromobenzene	12.988	156	92563	17.719	ug/l	96
78) n-propylbenzene	13.041	91	441794	18.070	ug/l	99
79) 2-Chlorotoluene	13.129	91	277333	17.573	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	326008	17.894	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	31174	17.025	ug/l #	74
82) 4-Chlorotoluene	13.229	91	263495	17.889	ug/l	100
83) tert-Butylbenzene	13.441	119	274467	17.331	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	320818	18.163	ug/l	99
85) sec-Butylbenzene	13.623	105	359561	17.346	ug/l	100
86) p-Isopropyltoluene	13.735	119	291694	17.341	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	151593	17.156	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	148155	17.376	ug/l	98
89) n-Butylbenzene	14.059	91	219625	16.553	ug/l	99
90) Hexachloroethane	14.335	117	50690	16.981	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	150749	17.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19825	17.786	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	48202	15.666	ug/l	96
94) Hexachlorobutadiene	15.506	225	26206	15.529	ug/l	96
95) Naphthalene	15.647	128	149285	14.424	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	54519	15.843	ug/l	99

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Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

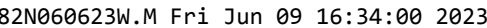
Quant Time: Jun 09 01:23:21 2023
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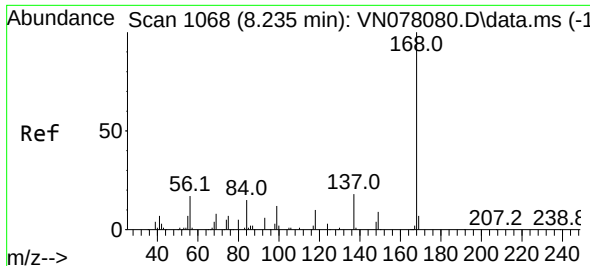
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

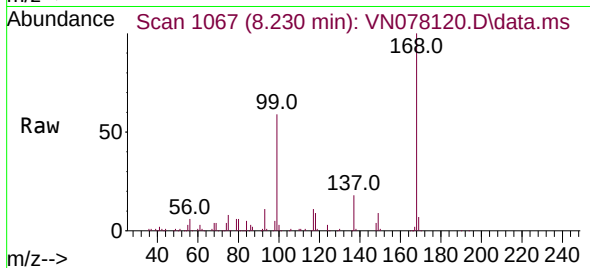
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

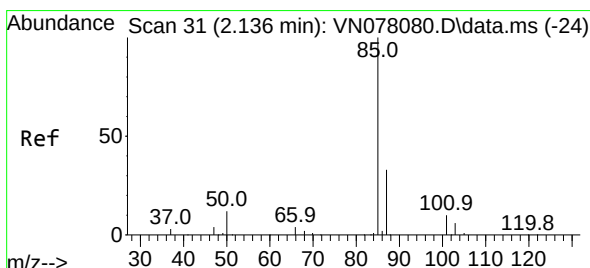
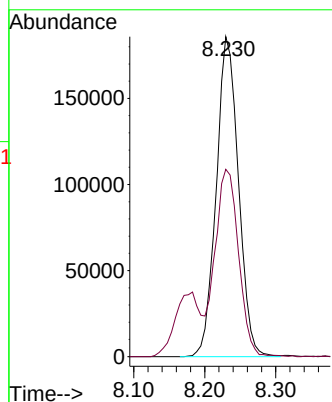
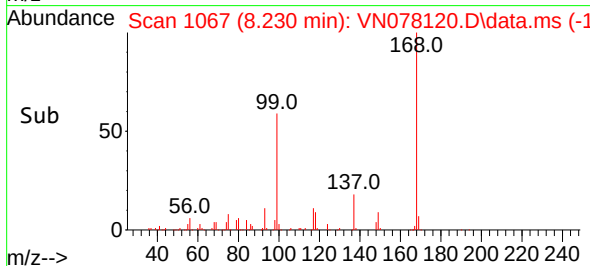
Instrument :
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Tgt Ion:168 Resp: 40288
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6

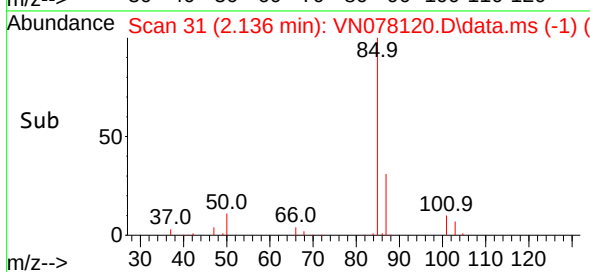
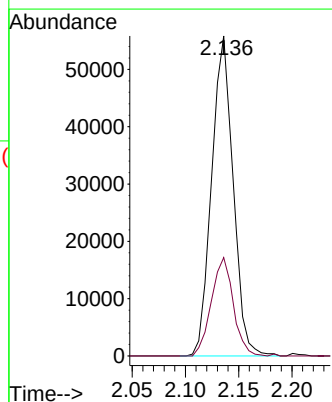
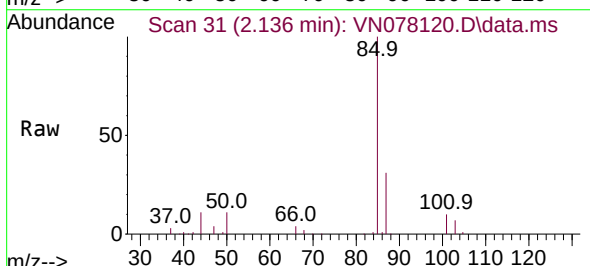
Manual Integrations
APPROVED

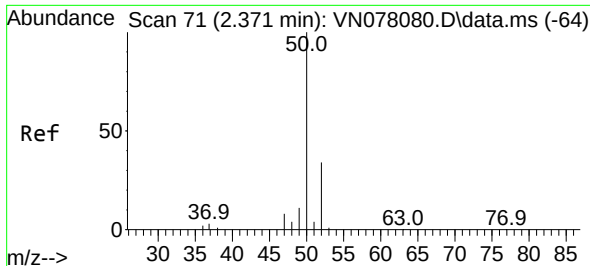
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#2
Dichlorodifluoromethane
Concen: 17.202 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

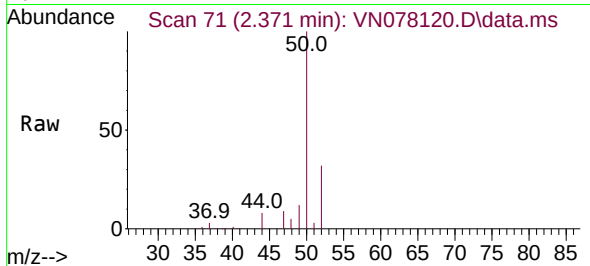
Tgt Ion: 85 Resp: 78343
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3
Chloromethane
Concen: 18.399 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

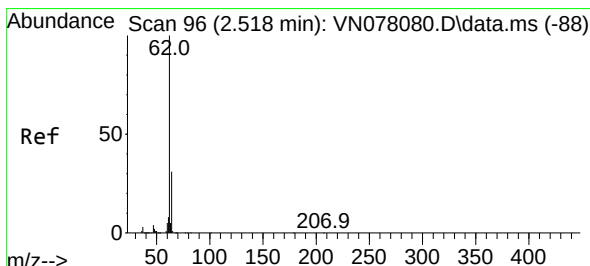
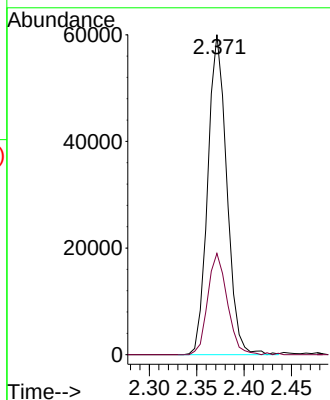
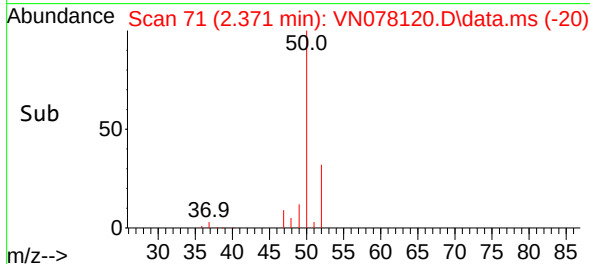
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Tgt Ion: 50 Resp: 83770
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

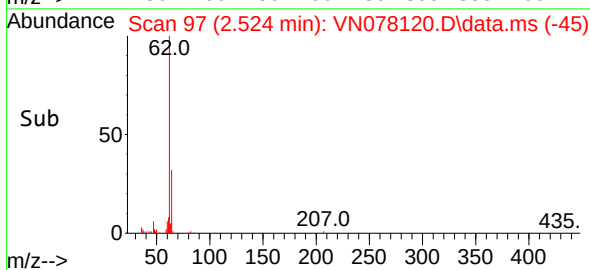
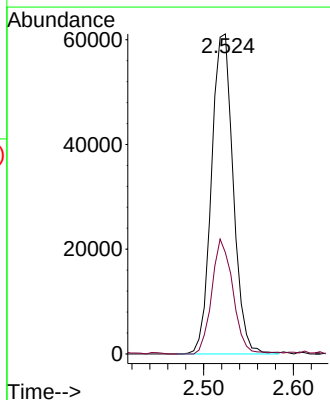
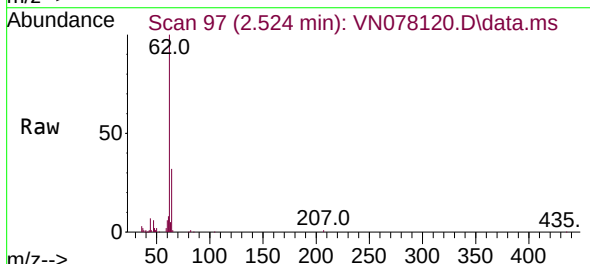
Manual Integrations
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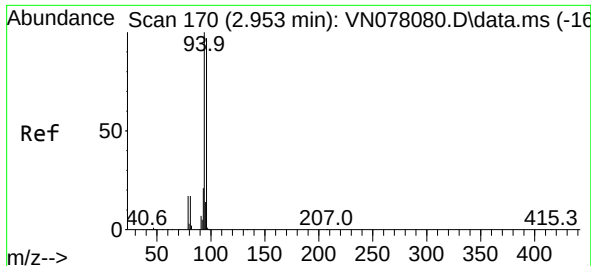
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#4
Vinyl Chloride
Concen: 17.204 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion: 62 Resp: 102597
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





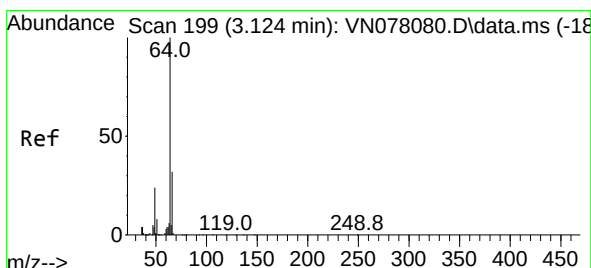
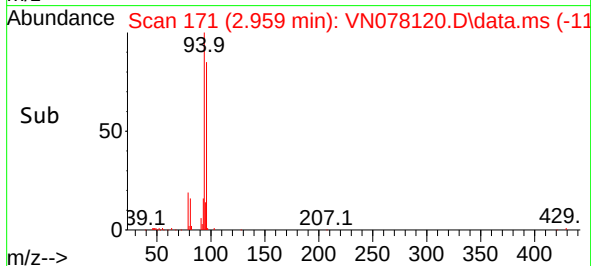
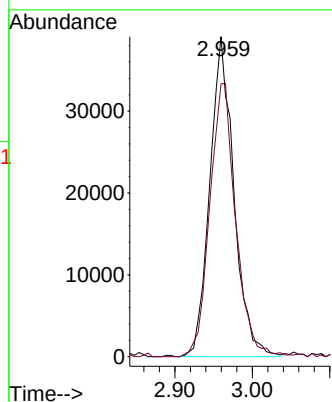
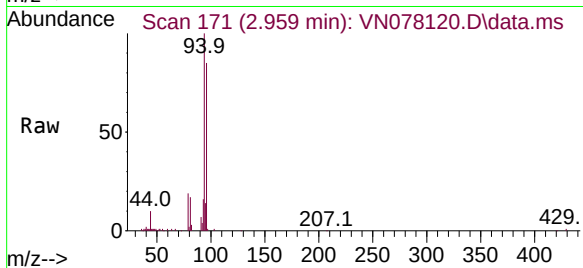
#5
Bromomethane
Concen: 18.655 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078120.D
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Tgt Ion: 94 Resp: 84070
Ion Ratio Lower Upper
94 100
96 85.2 73.1 109.7

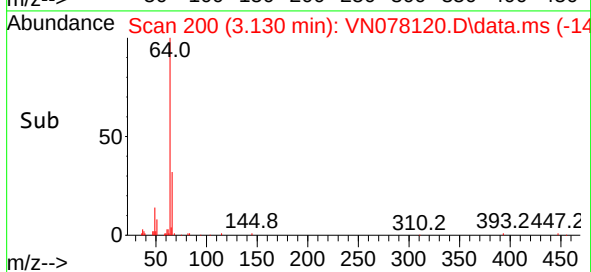
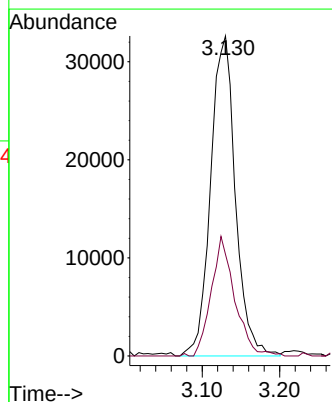
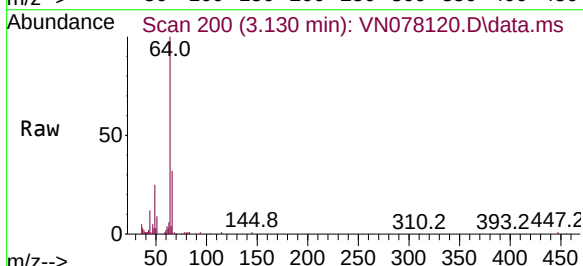
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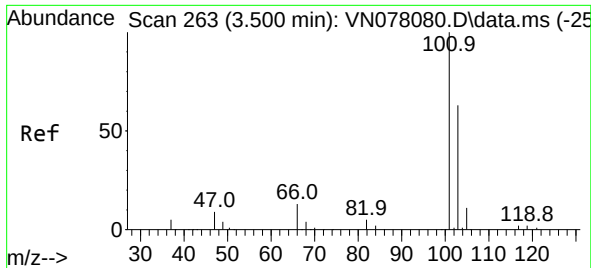
Reviewed By :John Carlone 06/09/2023
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#6
Chloroethane
Concen: 17.819 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

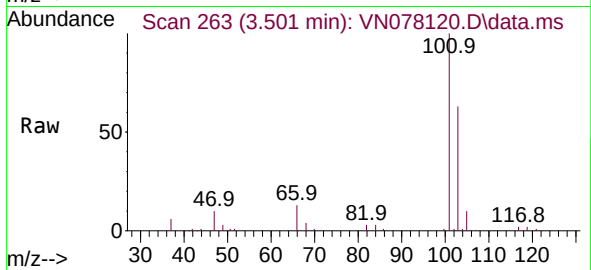
Tgt Ion: 64 Resp: 72438
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.345 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078120.D
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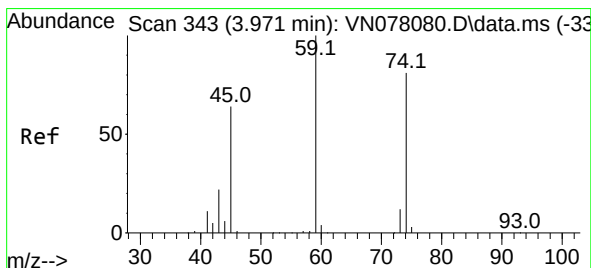
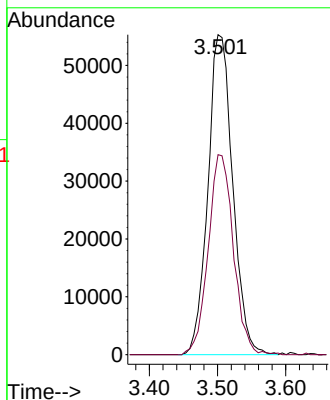
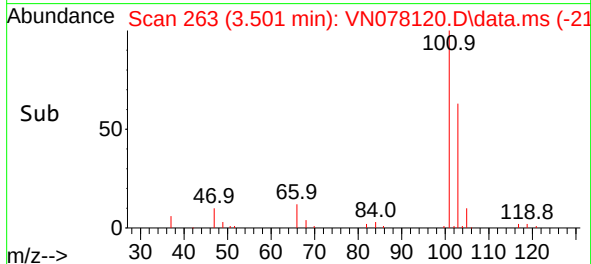
Instrument :
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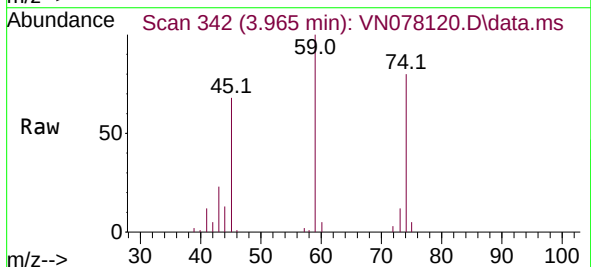
Tgt Ion:101 Resp: 140268
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1

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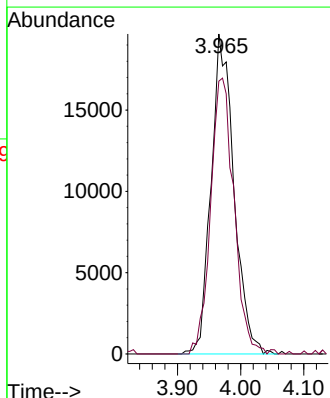
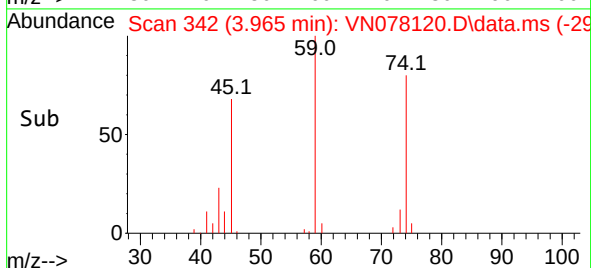
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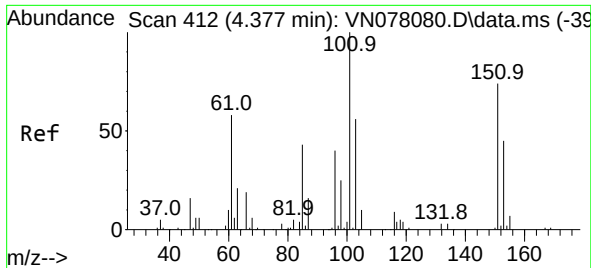


#8
Diethyl Ether
Concen: 17.450 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078120.D
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Tgt Ion: 74 Resp: 49584
Ion Ratio Lower Upper
74 100
45 87.7 34.4 103.3





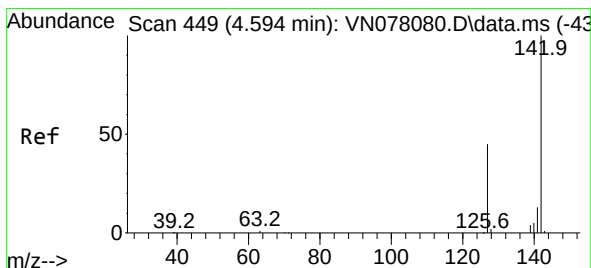
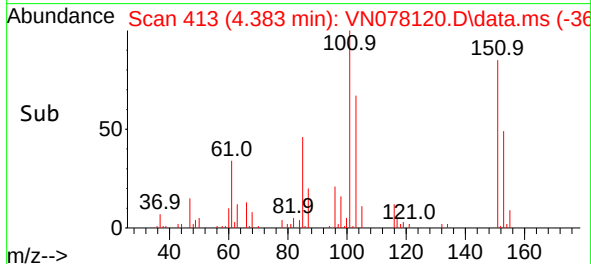
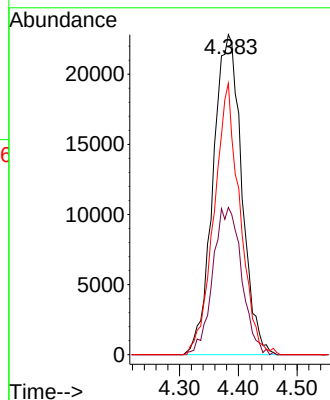
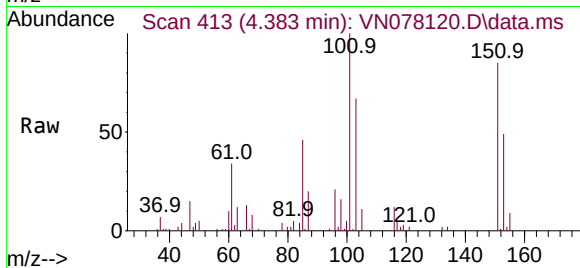
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.106 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:101 Resp: 77270
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 76.4 57.6 86.4

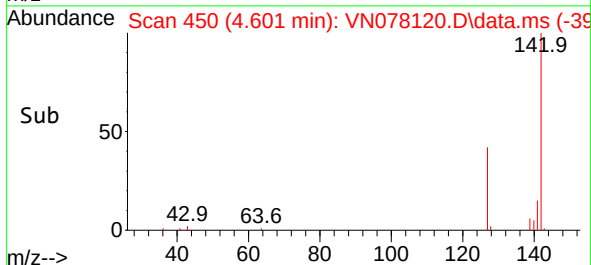
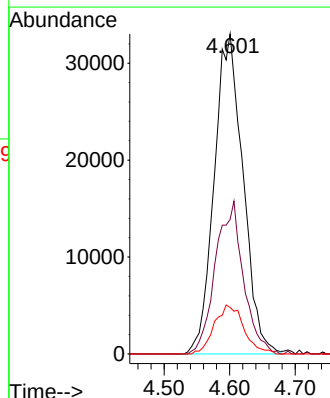
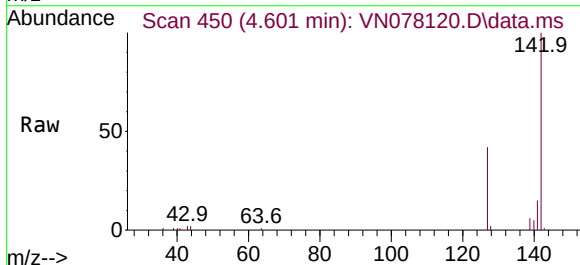
Manual Integrations
APPROVED

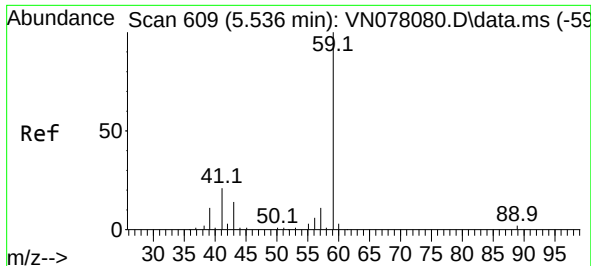
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#10
Methyl Iodide
Concen: 16.691 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

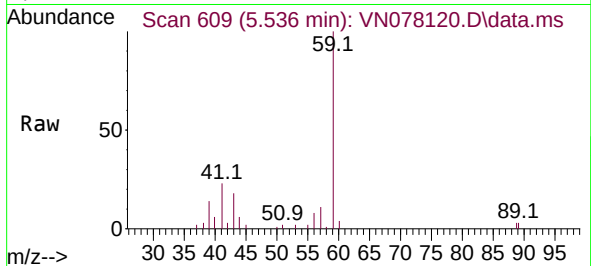
Tgt Ion:142 Resp: 100740
Ion Ratio Lower Upper
142 100
127 42.1 37.6 56.4
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 93.042 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

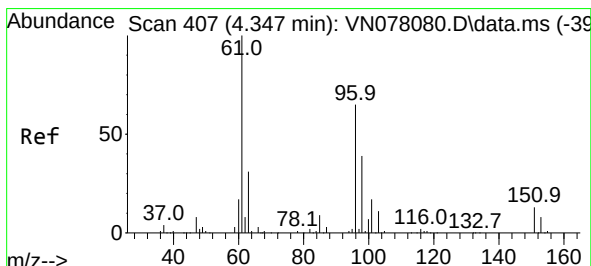
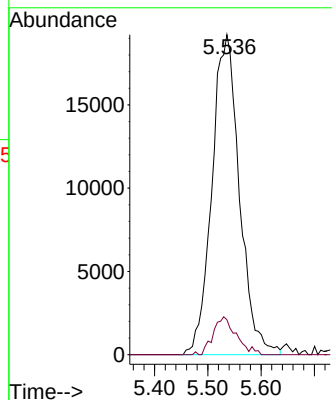
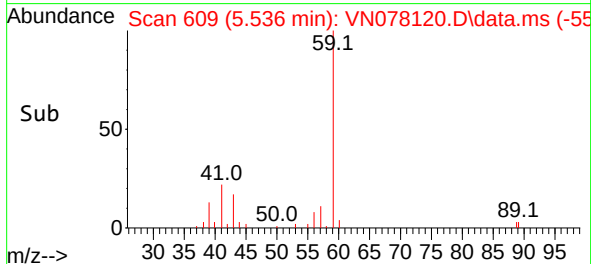
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



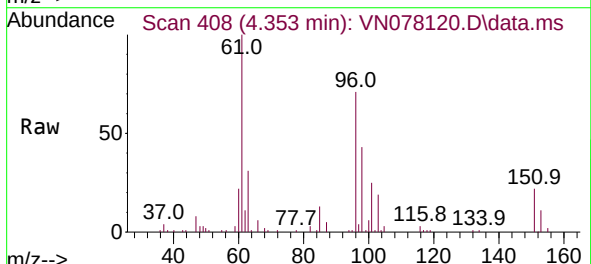
Tgt Ion: 59 Resp: 6901
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

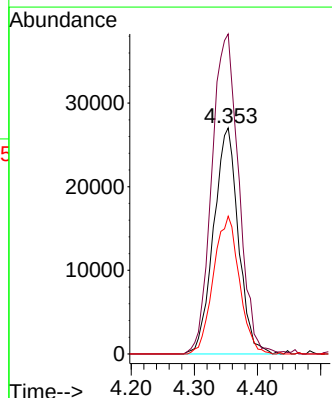
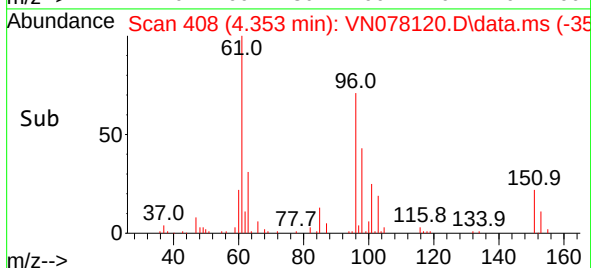
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

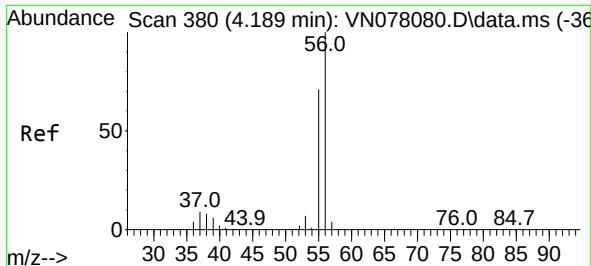


#12
1,1-Dichloroethene
Concen: 16.769 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion: 96 Resp: 73777
Ion Ratio Lower Upper
96 100
61 141.5 112.7 169.1
98 60.9 51.2 76.8





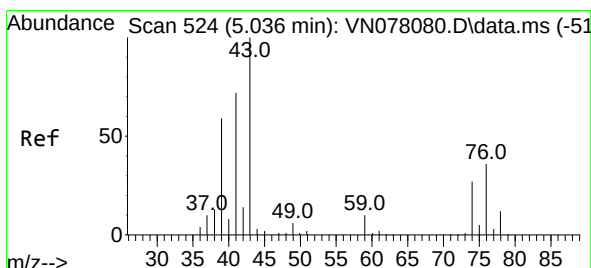
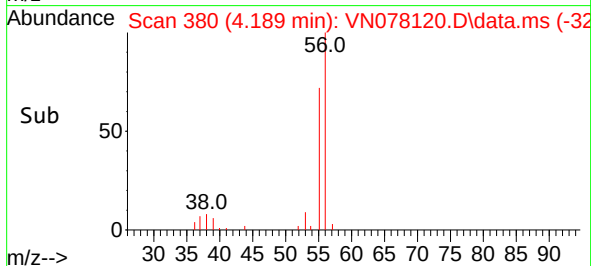
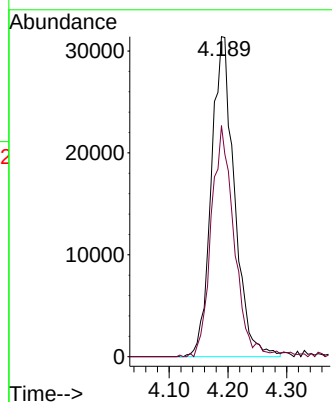
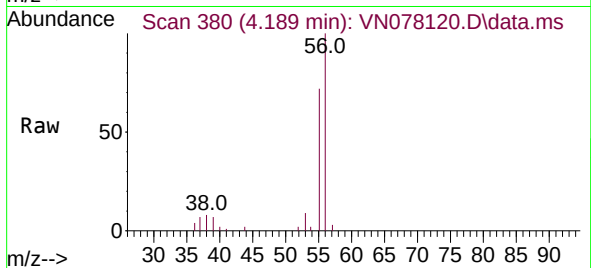
#13
Acrolein
Concen: 104.703 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 56 Resp: 85592
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

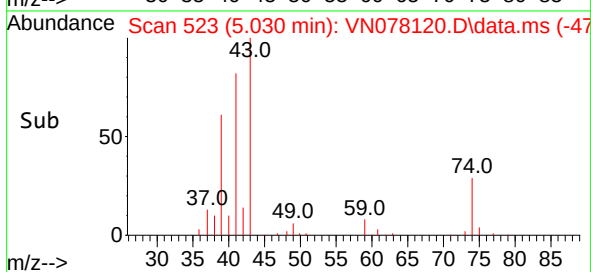
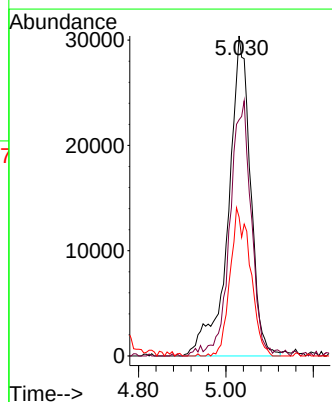
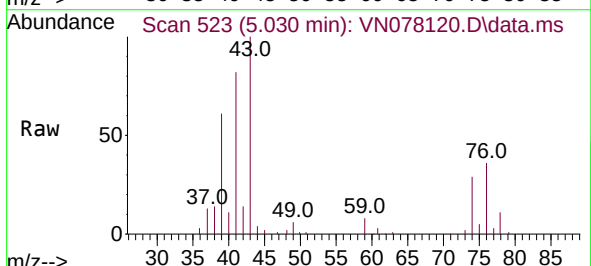
Manual Integrations
APPROVED

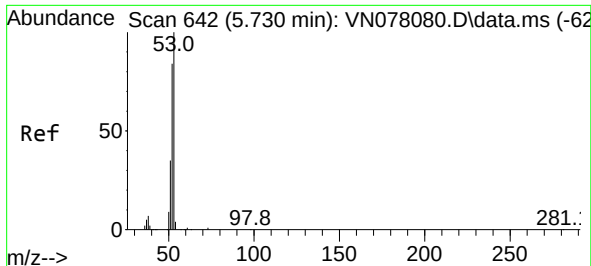
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#14
Allyl chloride
Concen: 20.024 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

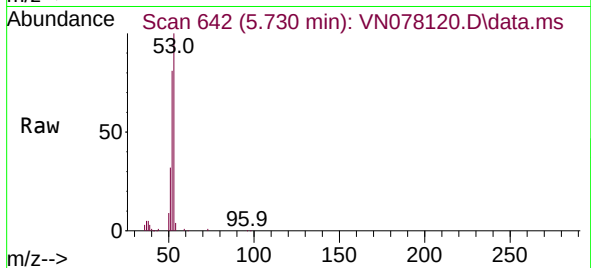
Tgt Ion: 41 Resp: 107539
Ion Ratio Lower Upper
41 100
39 74.0 58.8 88.2
76 42.3 39.1 58.7





#15
Acrylonitrile
Concen: 94.949 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

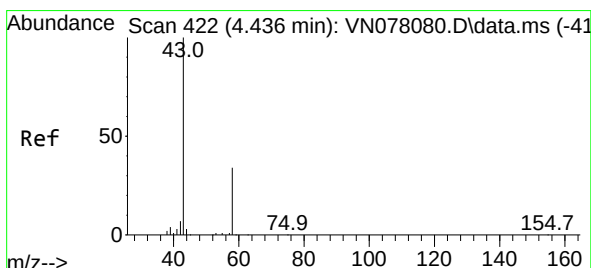
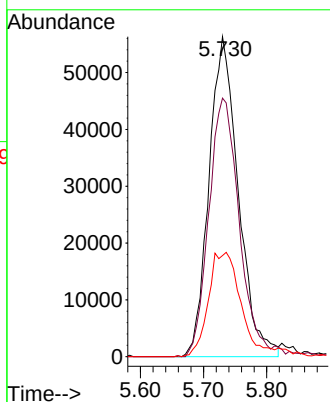
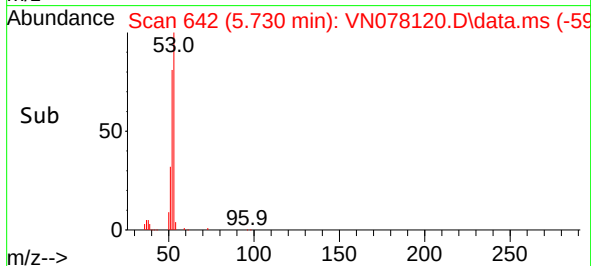
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



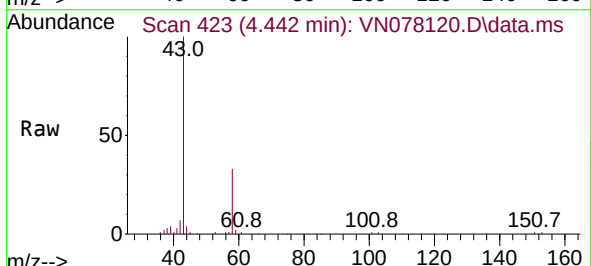
Tgt Ion: 53 Resp: 181569
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 36.0 28.9 43.3

Manual Integrations
APPROVED

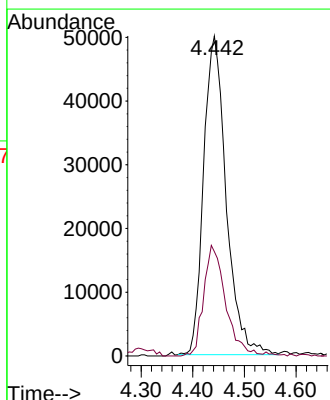
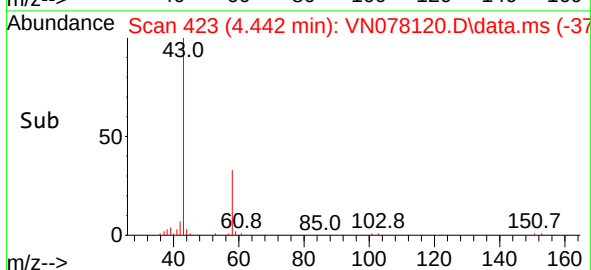
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

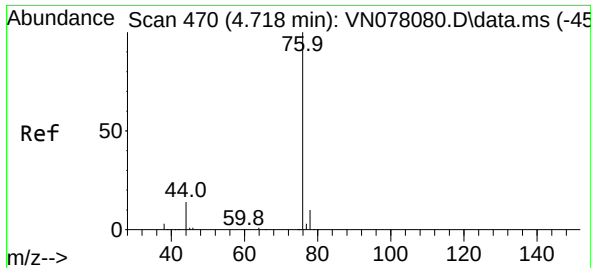


#16
Acetone
Concen: 98.278 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion: 43 Resp: 151955
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0





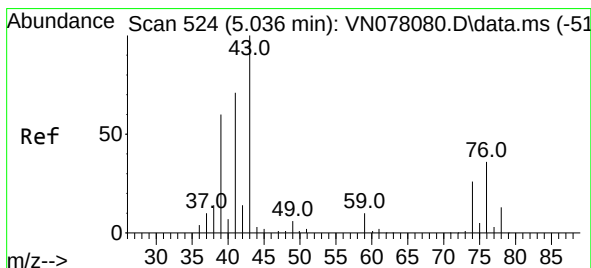
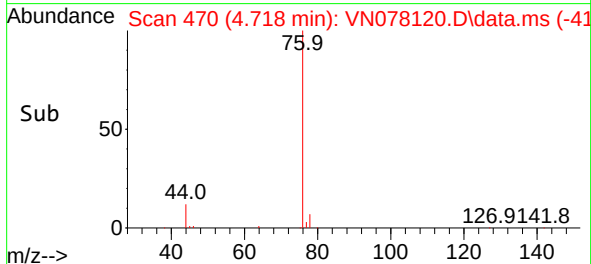
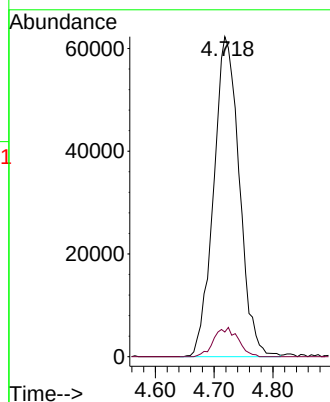
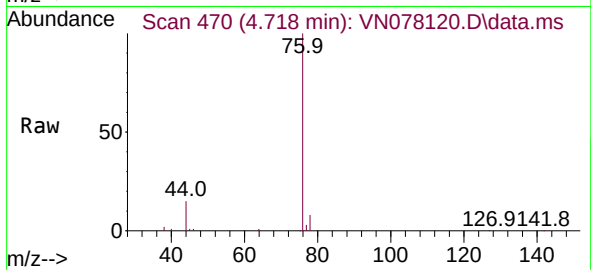
#17
Carbon Disulfide
Concen: 16.692 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 76 Resp: 189020
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

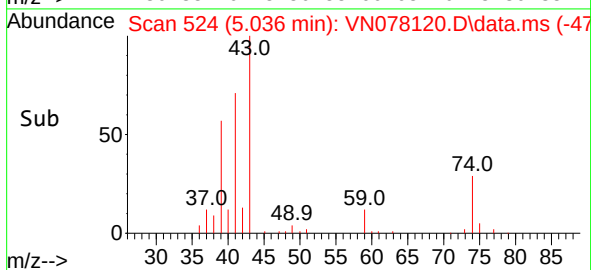
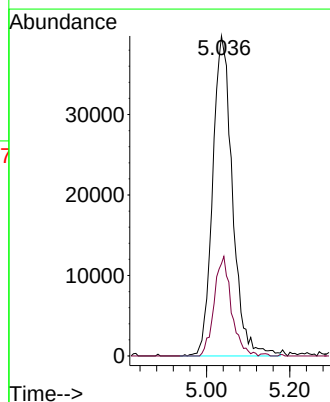
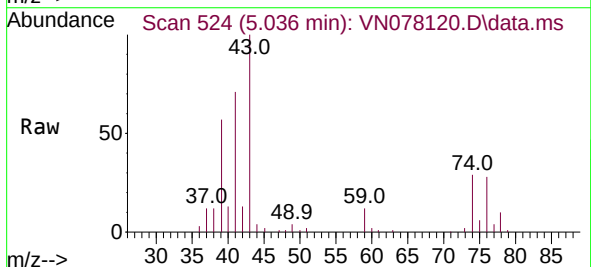
Manual Integrations
APPROVED

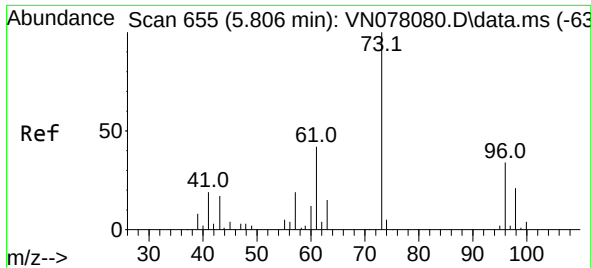
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#18
Methyl Acetate
Concen: 18.475 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion: 43 Resp: 131516
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4





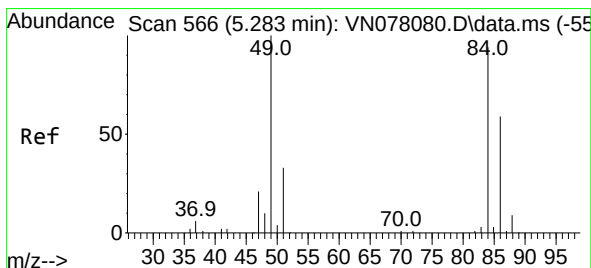
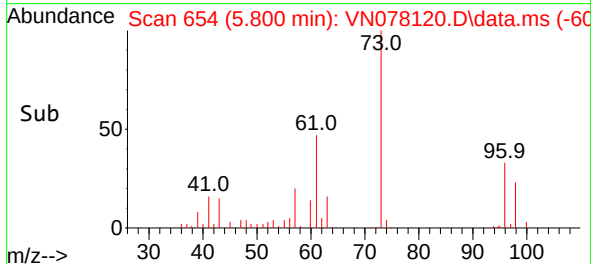
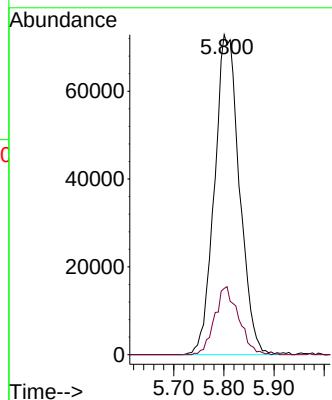
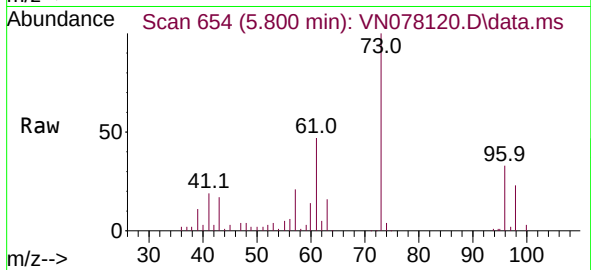
#19
Methyl tert-butyl Ether
Concen: 17.957 ug/l
RT: 5.800 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 73 Resp: 252059
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4

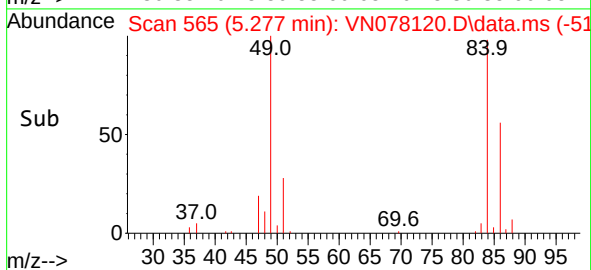
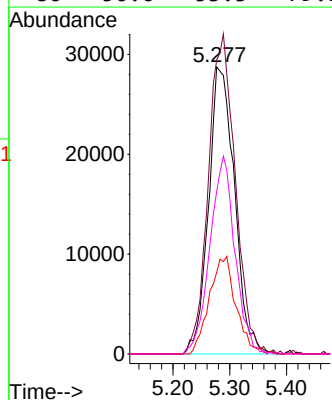
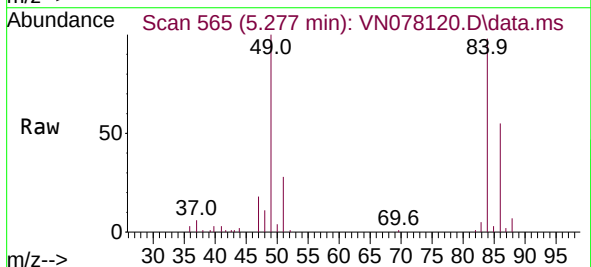
Manual Integrations
APPROVED

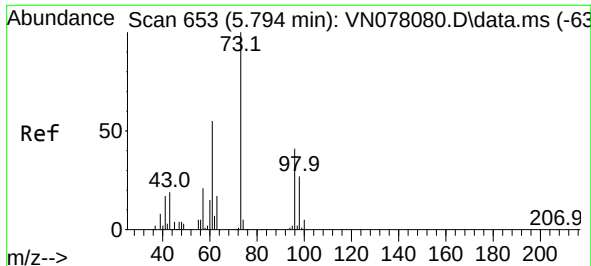
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#20
Methylene Chloride
Concen: 17.885 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

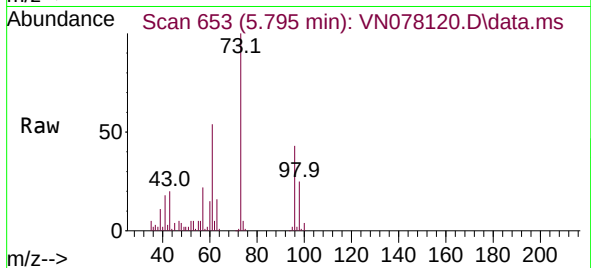
Tgt Ion: 84 Resp: 91384
Ion Ratio Lower Upper
84 100
49 102.4 79.7 119.5
51 28.4 25.2 37.8
86 56.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.212 ug/l
RT: 5.795 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

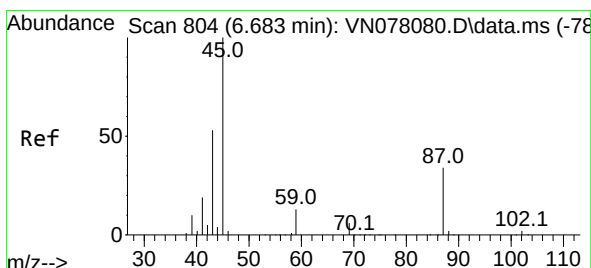
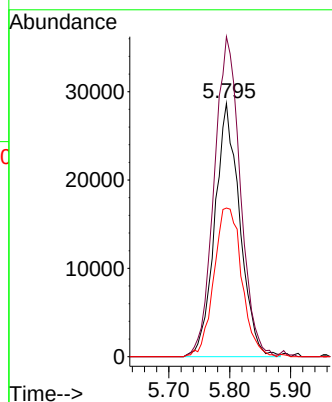
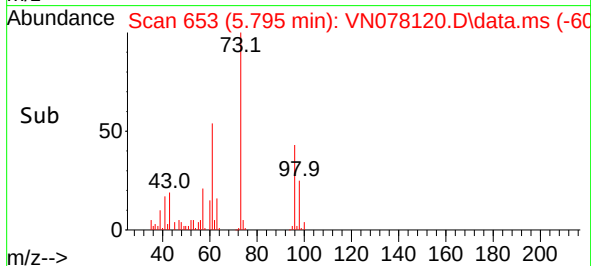
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



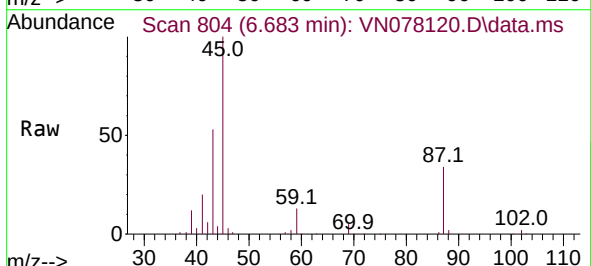
Tgt Ion: 96 Resp: 8167
Ion Ratio Lower Upper
96 100
61 126.3 90.1 135.1
98 58.7 46.4 69.6

Manual Integrations
APPROVED

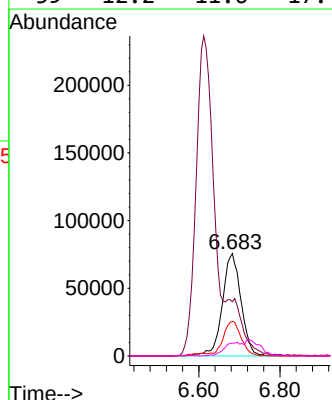
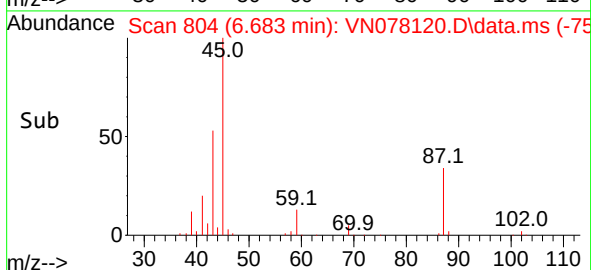
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

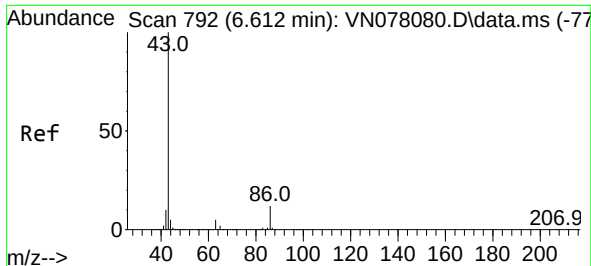


#22
Diisopropyl ether
Concen: 19.142 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



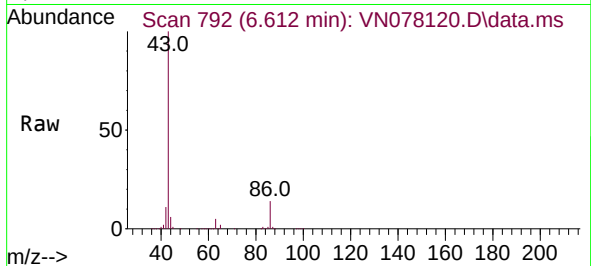
Tgt Ion: 45 Resp: 241820
Ion Ratio Lower Upper
45 100
43 52.3 45.5 68.3
87 33.7 31.8 47.8
59 12.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 94.874 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078120.D
 Acq: 08 Jun 2023 11:09

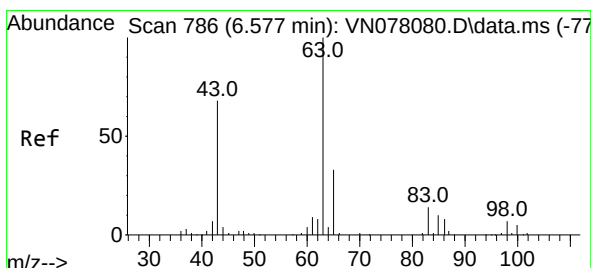
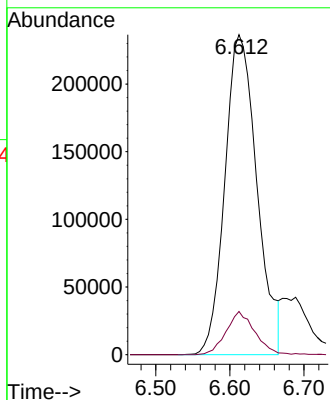
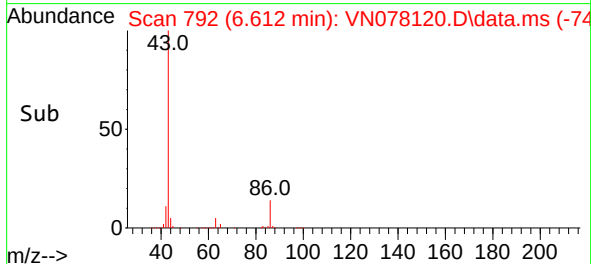
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01



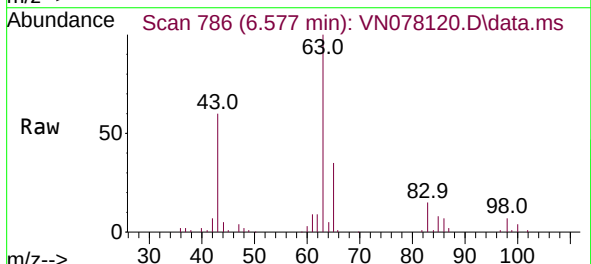
Tgt Ion: 43 Resp: 712449
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6

Manual Integrations
 APPROVED

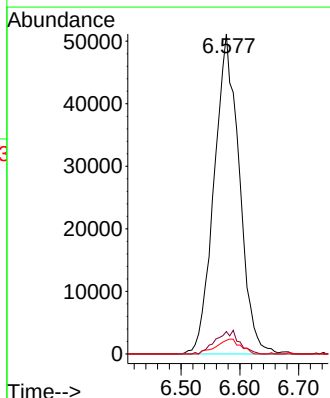
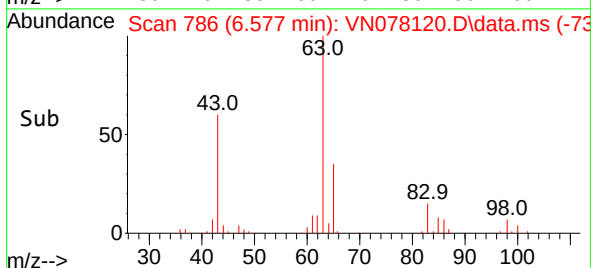
Reviewed By :John Carlone 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023

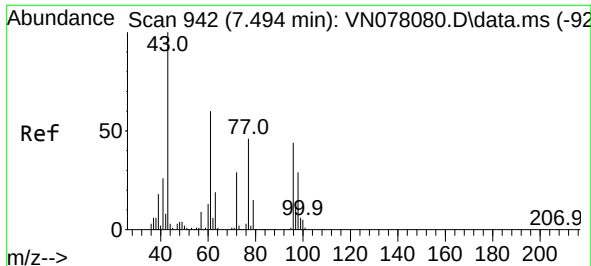


#24
 1,1-Dichloroethane
 Concen: 18.189 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078120.D
 Acq: 08 Jun 2023 11:09



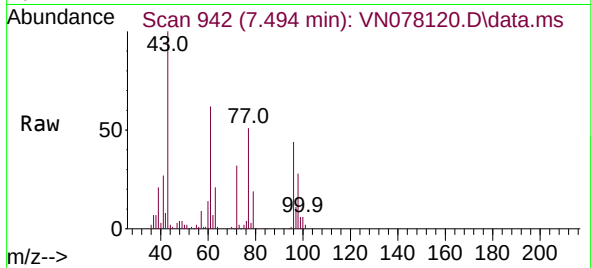
Tgt Ion: 63 Resp: 151578
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 96.562 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

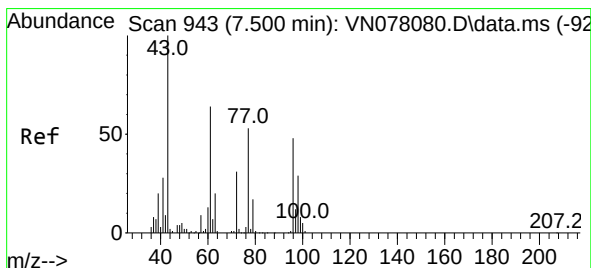
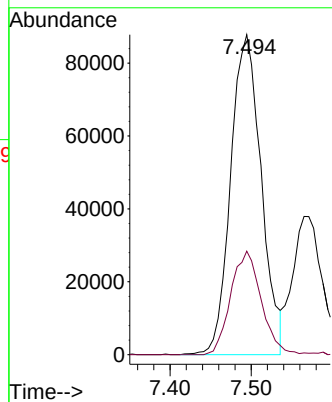
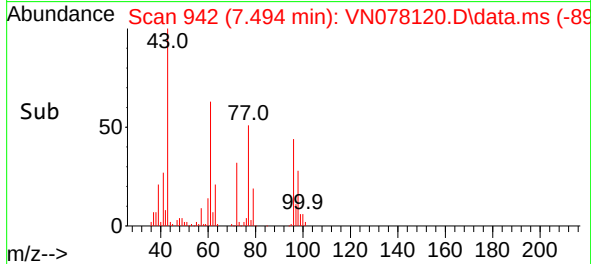
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



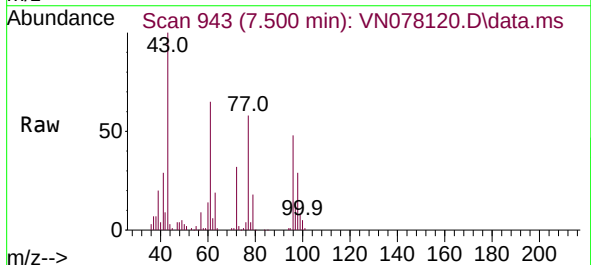
Tgt Ion: 43 Resp: 229594
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2

Manual Integrations
APPROVED

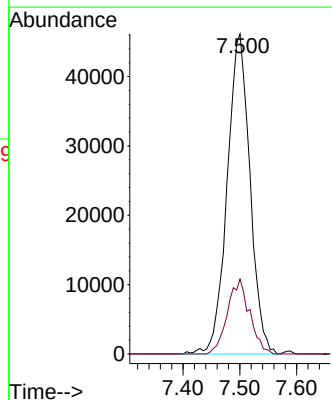
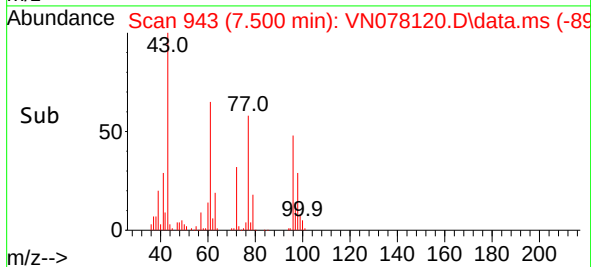
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

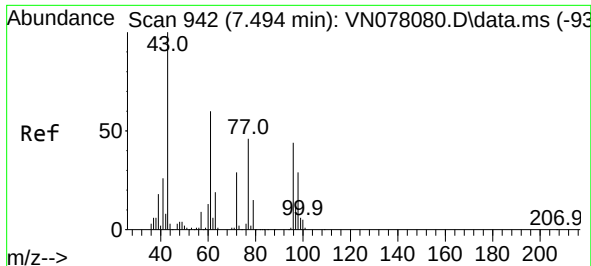


#26
2,2-Dichloropropane
Concen: 20.854 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



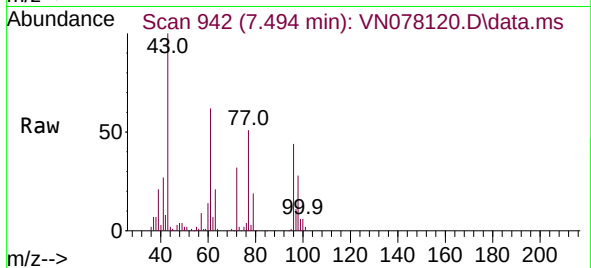
Tgt Ion: 77 Resp: 128322
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.014 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078120.D
 Acq: 08 Jun 2023 11:09

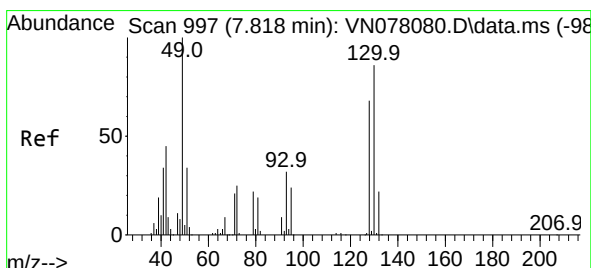
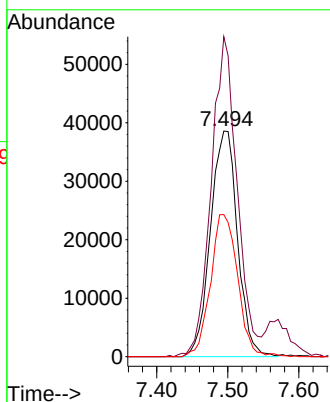
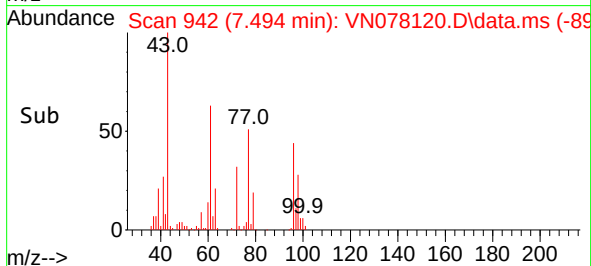
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01



Tgt Ion: 96 Resp: 10196
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 255.2
 98 63.4 0.0 128.8

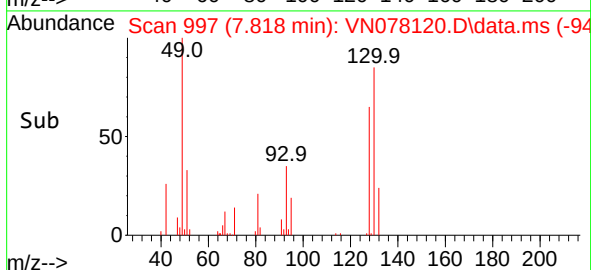
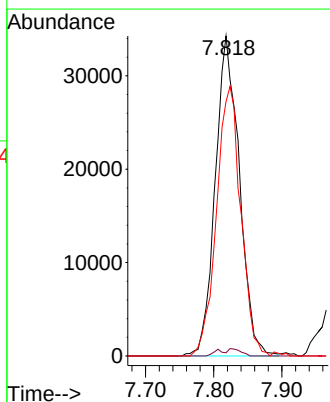
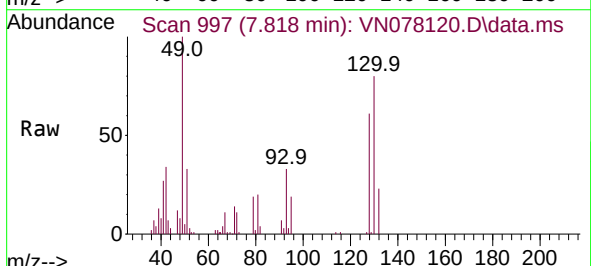
Manual Integrations
 APPROVED

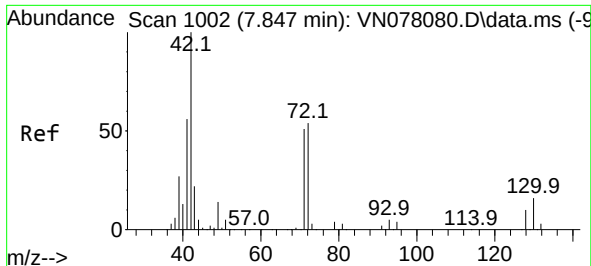
Reviewed By :John Carlone 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023



#28
 Bromochloromethane
 Concen: 22.001 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078120.D
 Acq: 08 Jun 2023 11:09

Tgt Ion: 49 Resp: 84183
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 84.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.916 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

Tgt Ion: 42 Resp: 149280

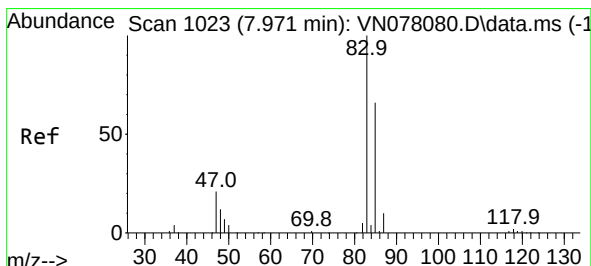
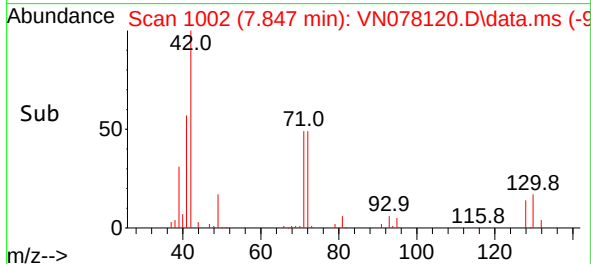
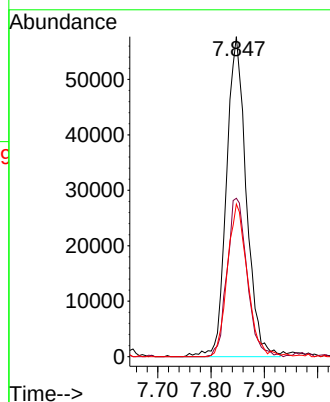
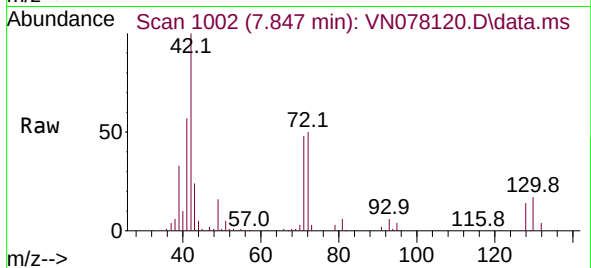
Ion	Ratio	Lower	Upper
42	100		
72	49.9	49.8	74.6
71	48.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#30

Chloroform

Concen: 18.595 ug/l

RT: 7.971 min Scan# 1023

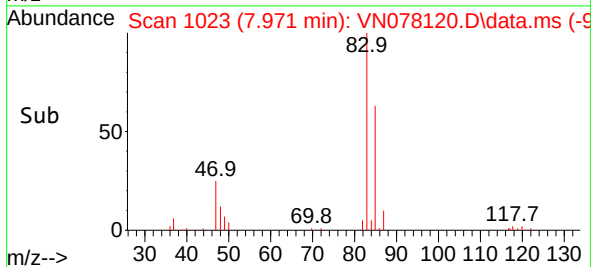
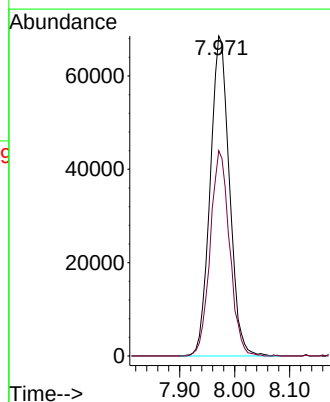
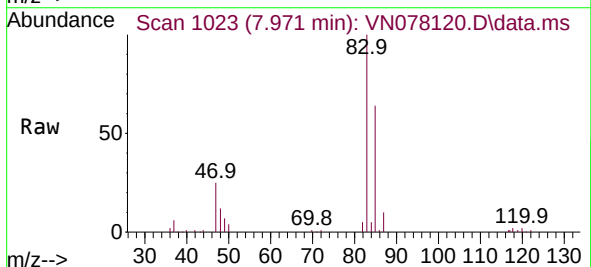
Delta R.T. 0.000 min

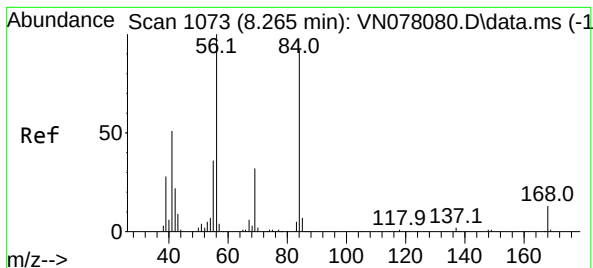
Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Tgt Ion: 83 Resp: 166869

Ion	Ratio	Lower	Upper
83	100		
85	64.1	55.4	83.0





#31

Cyclohexane

Concen: 18.456 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

Tgt Ion: 56 Resp: 12717

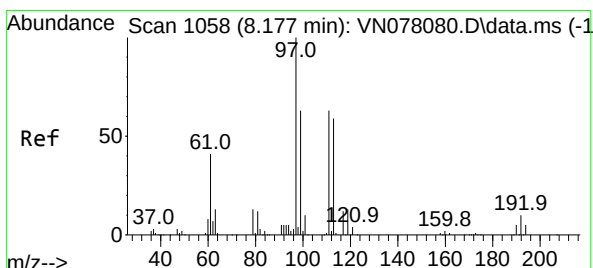
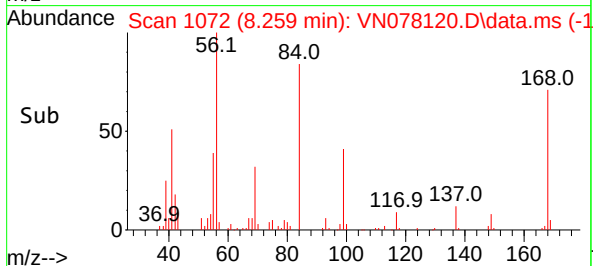
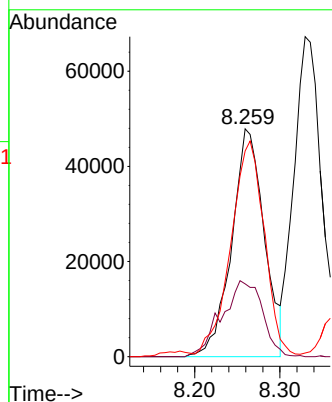
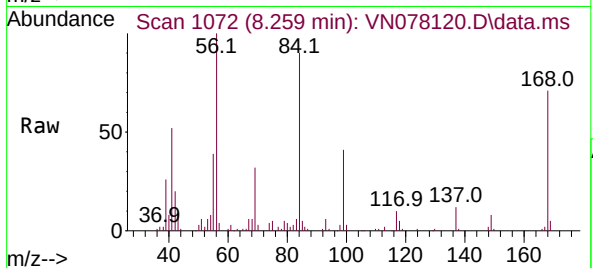
Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.8	40.2
84	87.9	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#32

1,1,1-Trichloroethane

Concen: 18.078 ug/l

RT: 8.177 min Scan# 1058

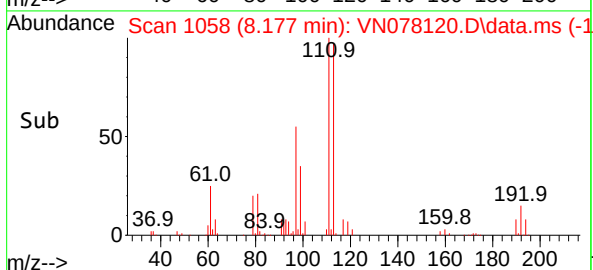
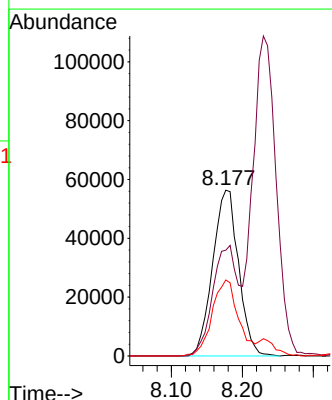
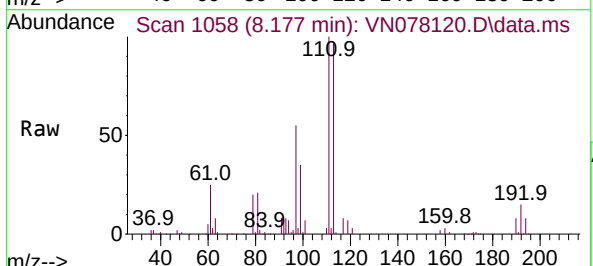
Delta R.T. -0.000 min

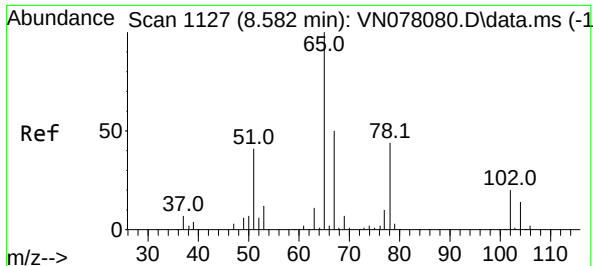
Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Tgt Ion: 97 Resp: 142423

Ion	Ratio	Lower	Upper
97	100		
99	67.0	50.3	75.5
61	46.7	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 54.874 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

Tgt Ion: 65 Resp: 294769

Ion Ratio Lower Upper

65 100

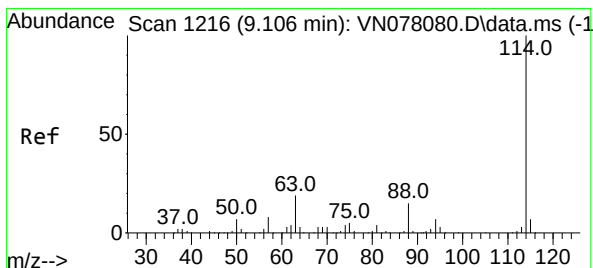
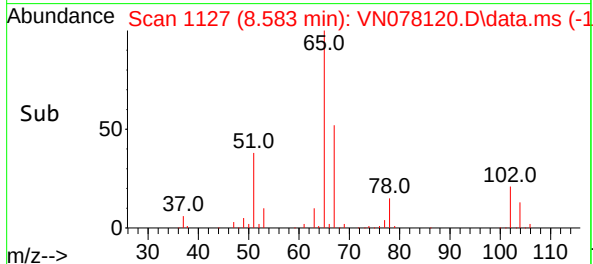
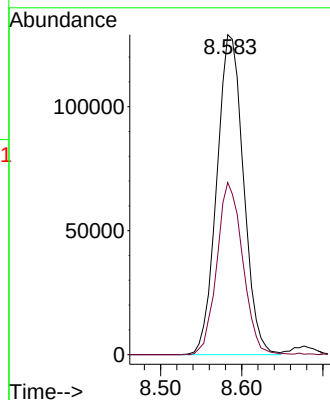
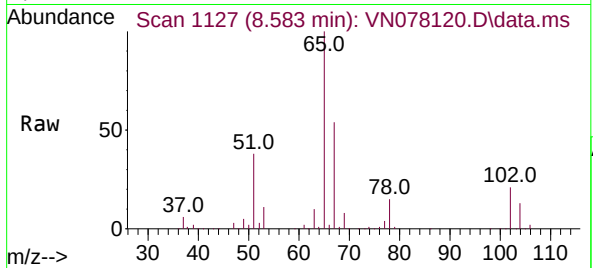
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

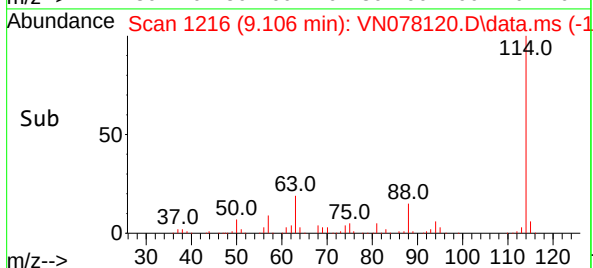
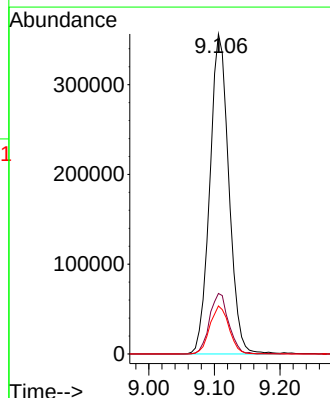
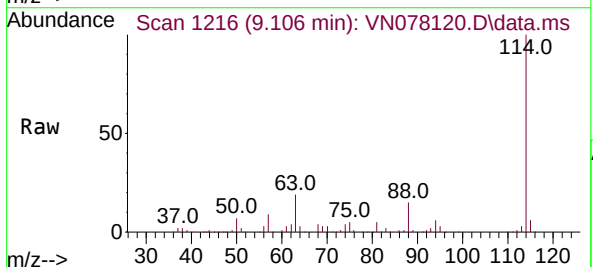
Tgt Ion:114 Resp: 718823

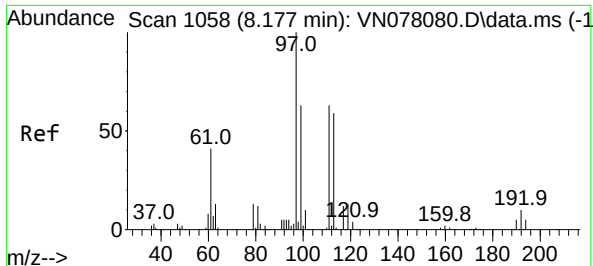
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.298 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

Tgt Ion: 113 Resp: 242240

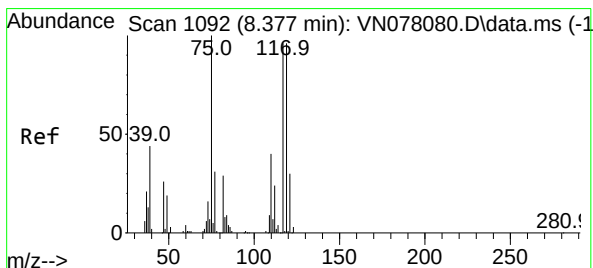
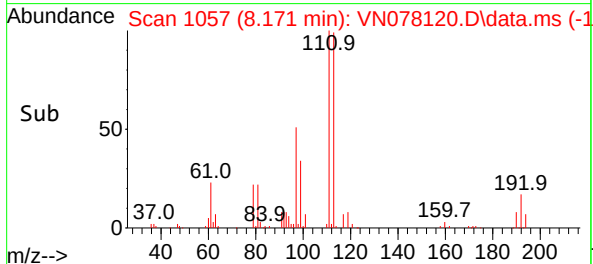
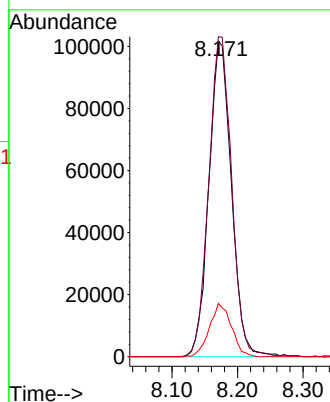
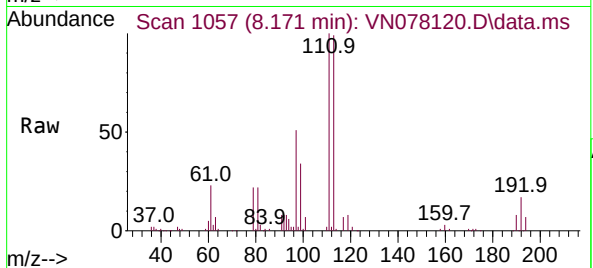
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	16.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#36

1,1-Dichloropropene

Concen: 18.657 ug/l

RT: 8.377 min Scan# 1092

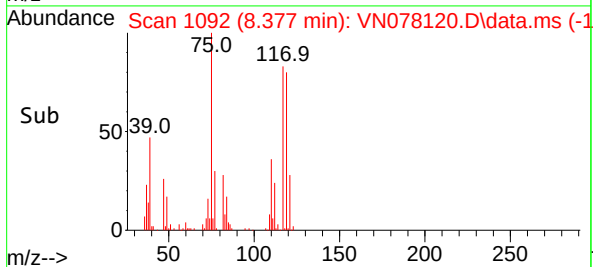
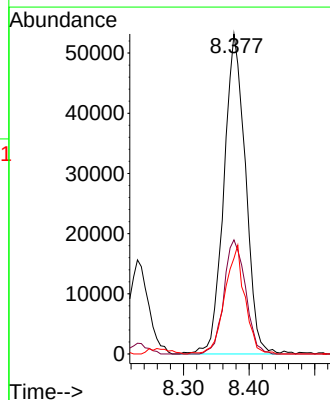
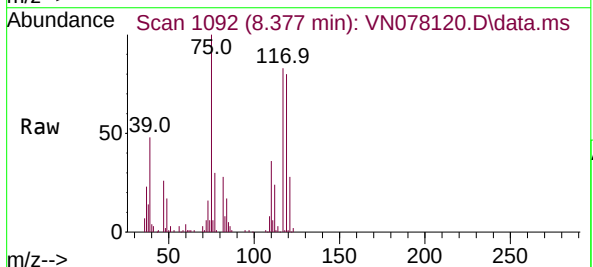
Delta R.T. 0.000 min

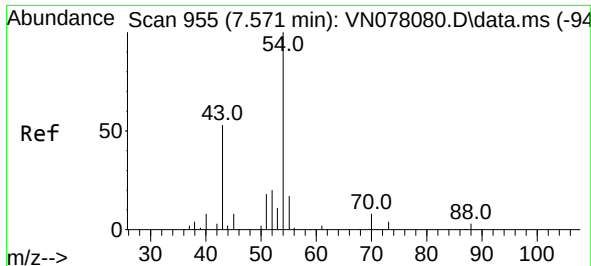
Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Tgt Ion: 75 Resp: 121628

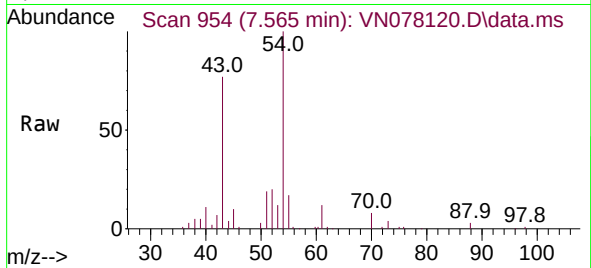
Ion	Ratio	Lower	Upper
75	100		
110	35.6	19.1	57.3
77	31.4	25.0	37.4





#37
Ethyl Acetate
Concen: 19.959 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

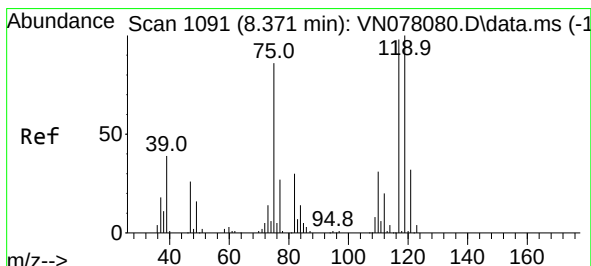
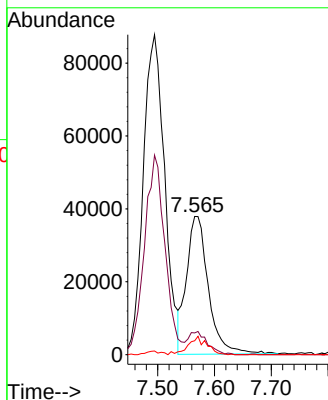
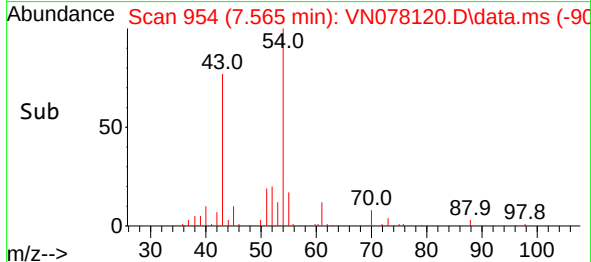
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



Tgt Ion: 43 Resp: 10164
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 11.2 11.3 16.9

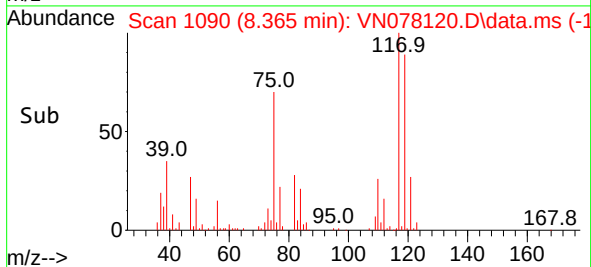
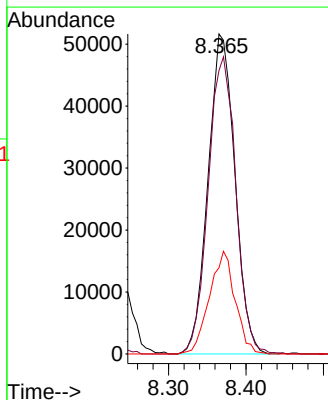
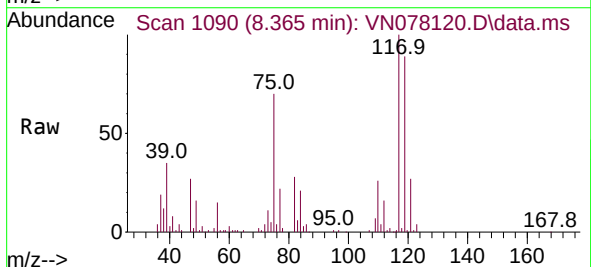
Manual Integrations
APPROVED

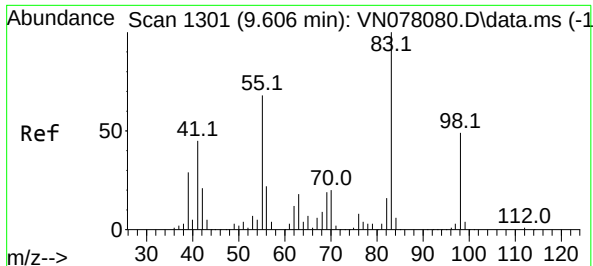
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#38
Carbon Tetrachloride
Concen: 18.054 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion:117 Resp: 124282
Ion Ratio Lower Upper
117 100
119 88.6 77.3 115.9
121 27.0 23.3 34.9





#39

Methylcyclohexane

Concen: 18.433 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

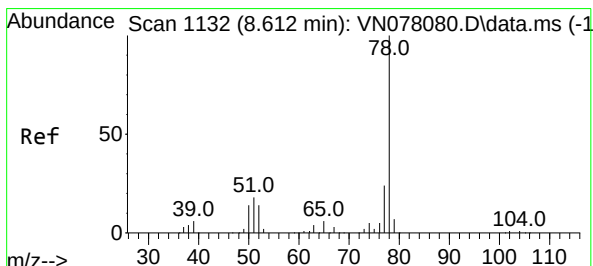
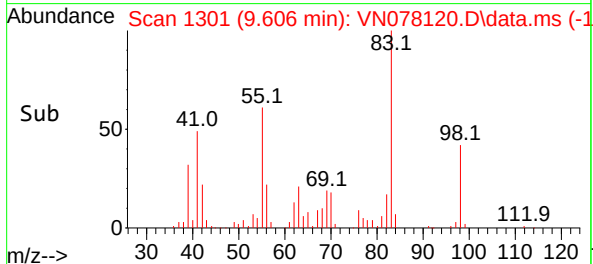
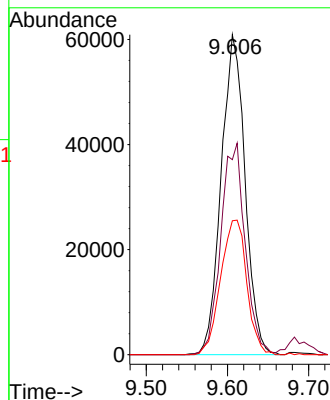
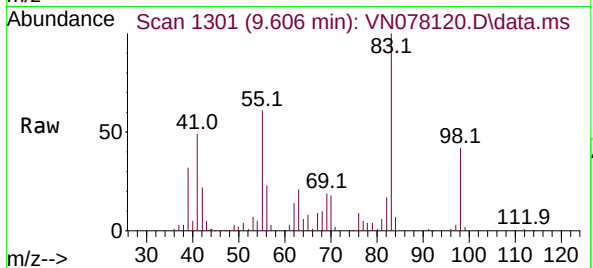
Tgt Ion: 83 Resp: 124534
 Ion Ratio Lower Upper
 83 100
 55 60.9 49.1 73.7
 98 41.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#40

Benzene

Concen: 18.558 ug/l

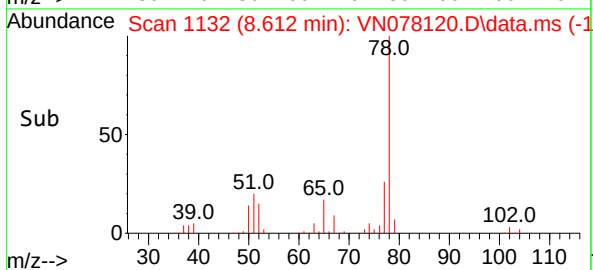
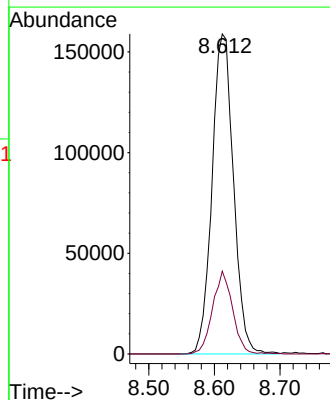
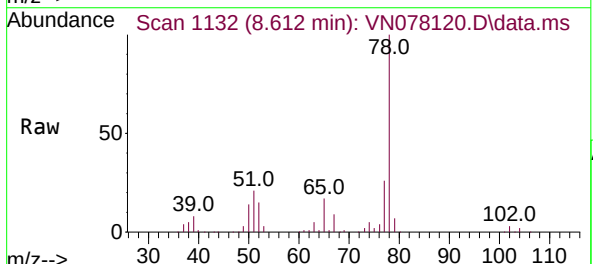
RT: 8.612 min Scan# 1132

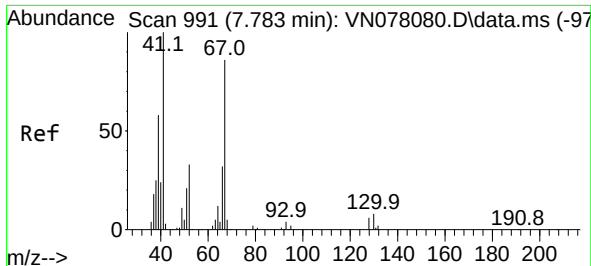
Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Tgt Ion: 78 Resp: 361184
 Ion Ratio Lower Upper
 78 100
 77 25.8 19.0 28.6





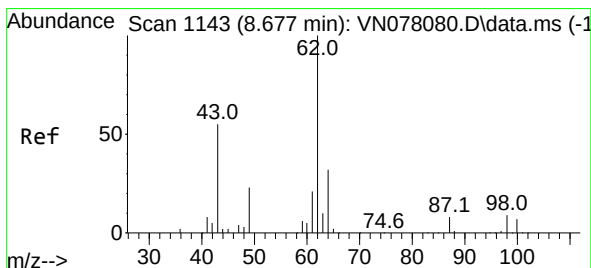
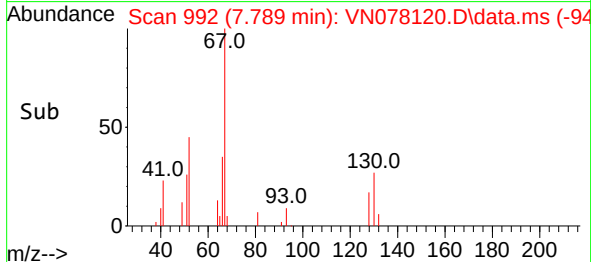
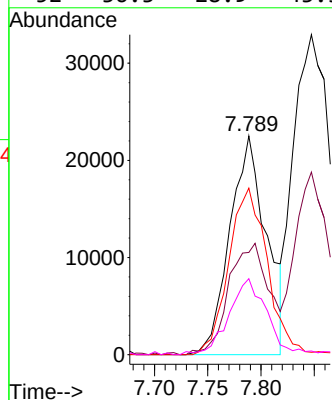
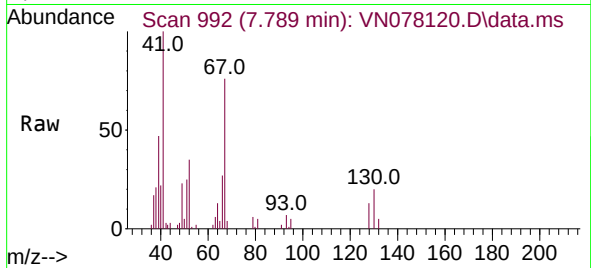
#41
Methacrylonitrile
Concen: 19.464 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 41 Resp: 5373
Ion Ratio Lower Upper
41 100
39 56.1 42.6 64.0
67 80.6 77.5 116.3
52 36.3 28.9 43.3

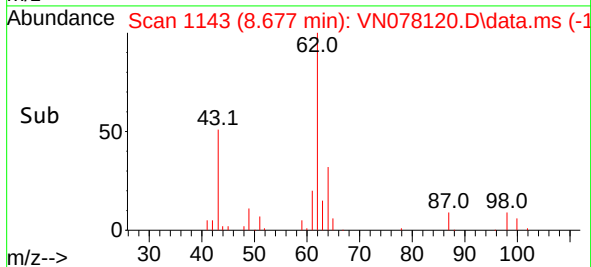
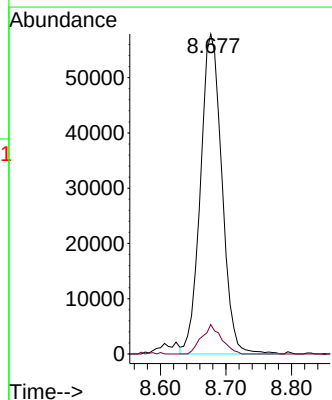
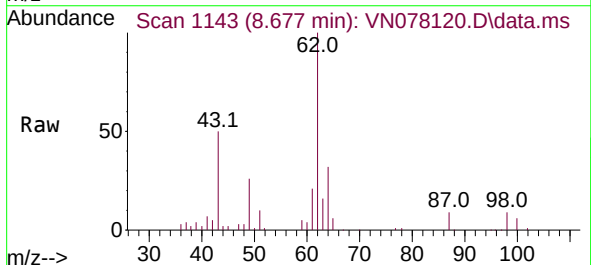
Manual Integrations
APPROVED

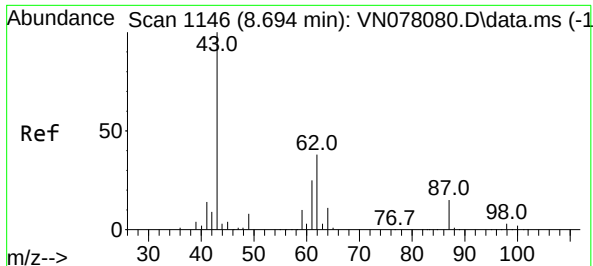
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#42
1,2-Dichloroethane
Concen: 19.742 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

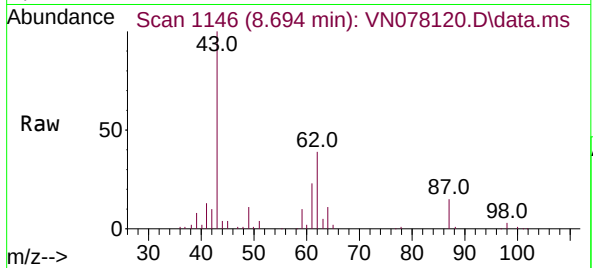
Tgt Ion: 62 Resp: 131744
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.879 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

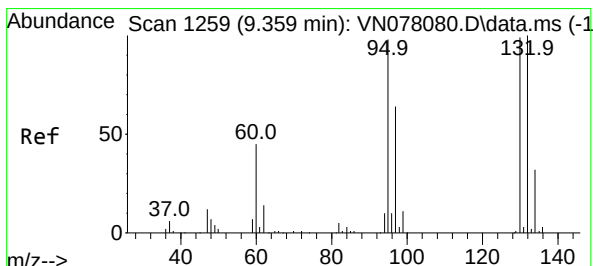
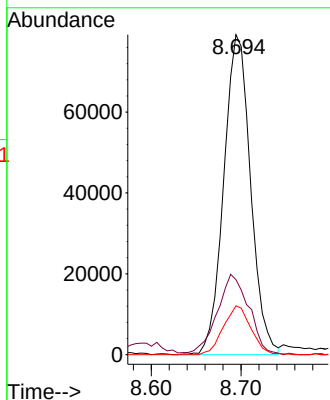
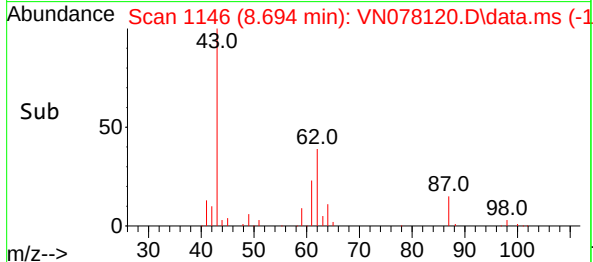
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



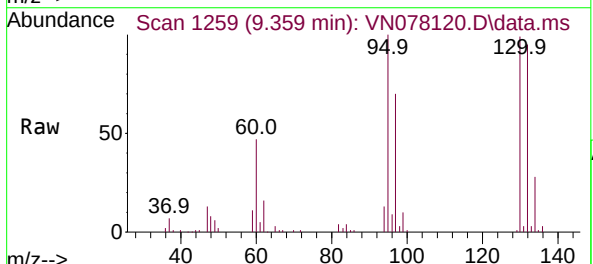
Tgt Ion: 43 Resp: 16439
Ion Ratio Lower Upper
43 100
61 29.7 24.7 37.1
87 15.7 14.6 21.8

Manual Integrations
APPROVED

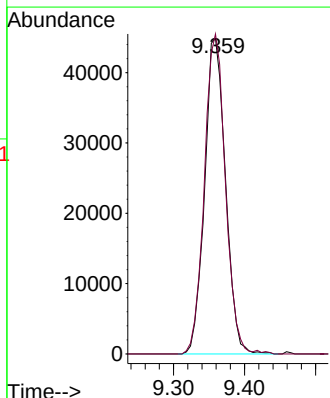
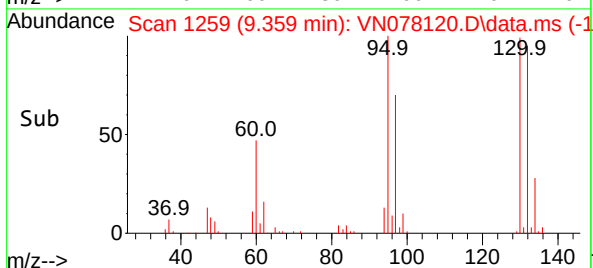
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

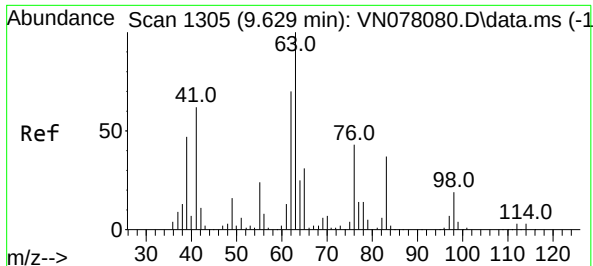


#44
Trichloroethene
Concen: 17.865 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion:130 Resp: 91827
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.332 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

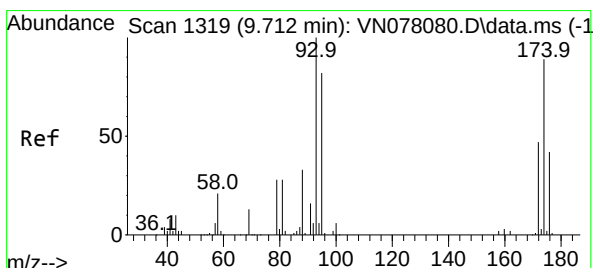
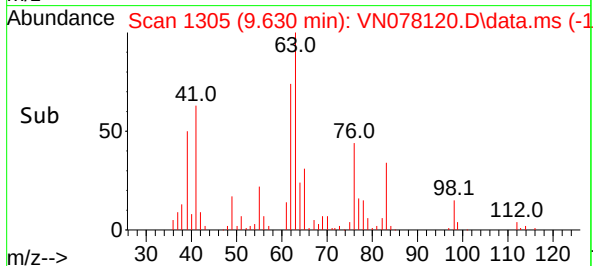
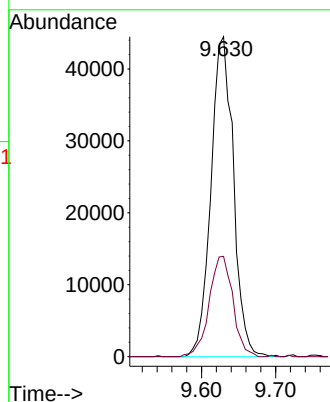
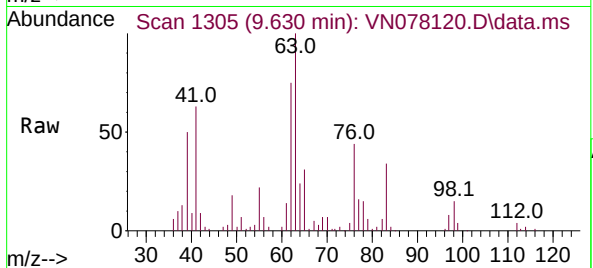
Tgt Ion: 63 Resp: 9361
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#46

Dibromomethane

Concen: 18.804 ug/l

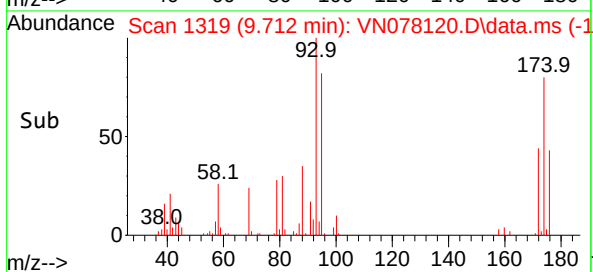
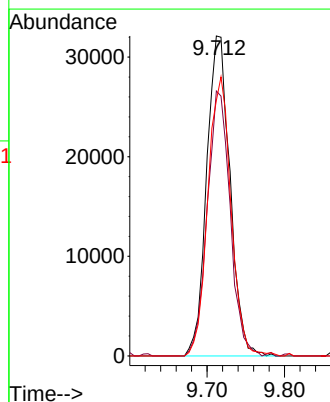
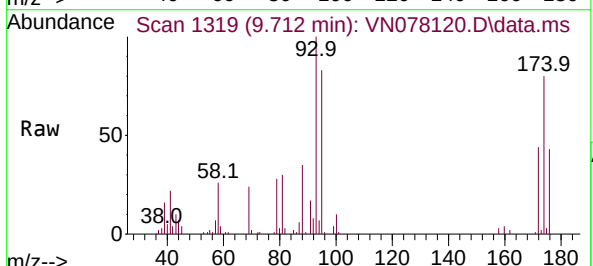
RT: 9.712 min Scan# 1319

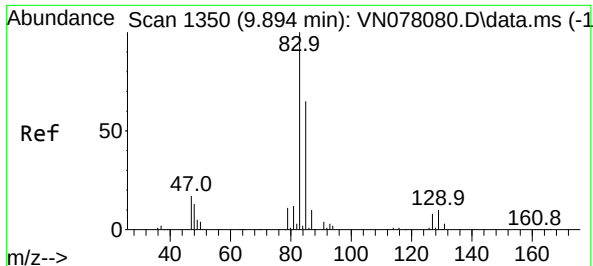
Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

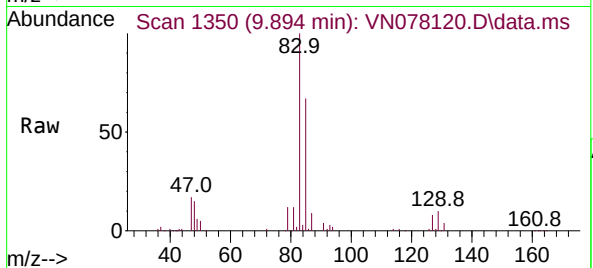
Tgt Ion: 93 Resp: 67070
 Ion Ratio Lower Upper
 93 100
 95 81.3 63.8 95.8
 174 86.8 65.6 98.4





#47
Bromodichloromethane
Concen: 19.860 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

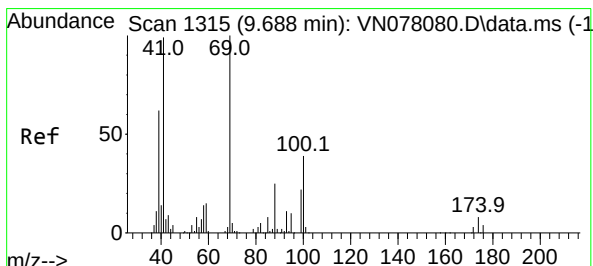
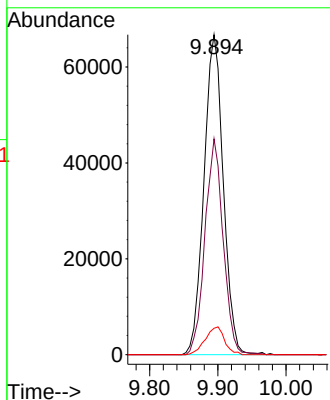
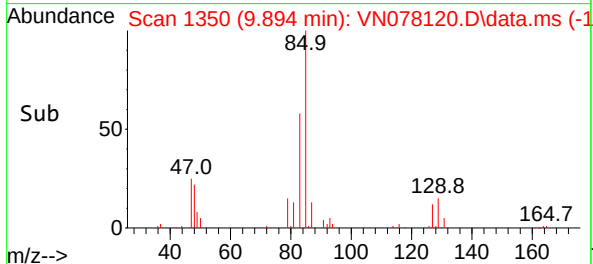
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



Tgt Ion: 83 Resp: 13157
Ion Ratio Lower Upper
83 100
85 67.5 49.6 74.4
127 8.3 7.0 10.6

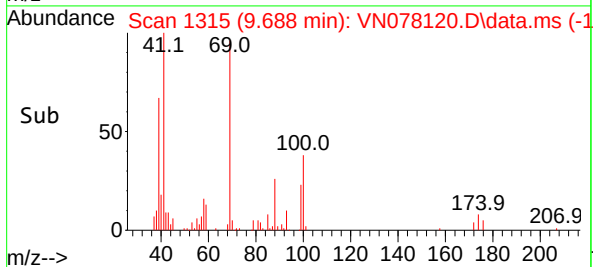
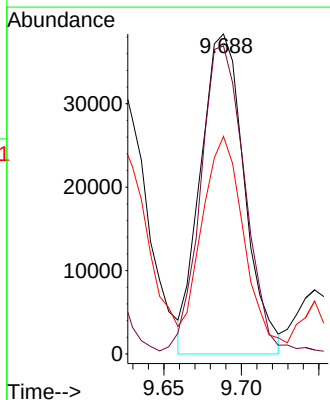
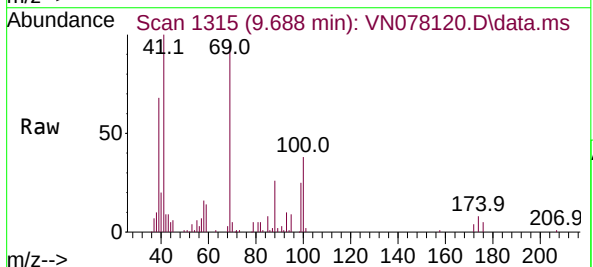
Manual Integrations
APPROVED

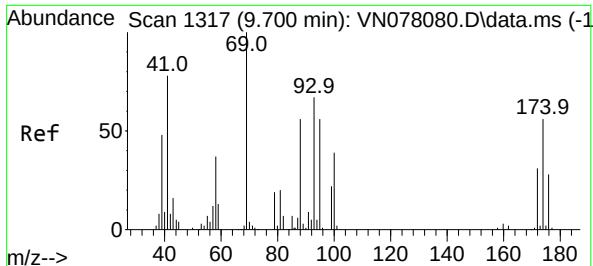
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#48
Methyl methacrylate
Concen: 18.450 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion: 41 Resp: 75412
Ion Ratio Lower Upper
41 100
69 97.1 90.4 135.6
39 66.7 54.6 81.8





#49

1,4-Dioxane

Concen: 394.083 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

Tgt Ion: 88 Resp: 3385

Ion Ratio Lower Upper

88 100

43 23.6 17.0 25.6

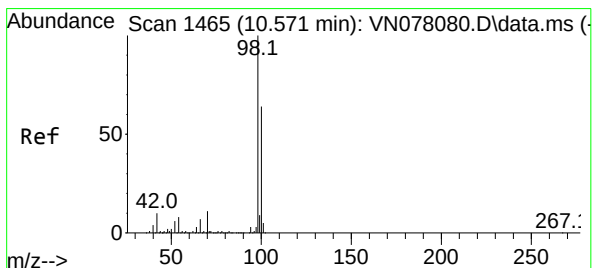
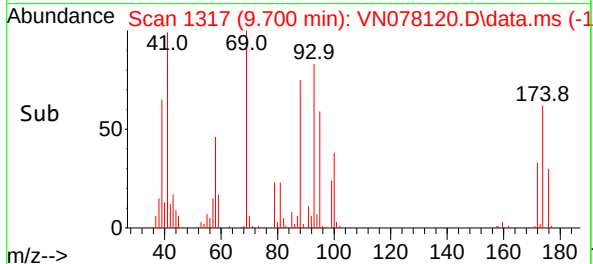
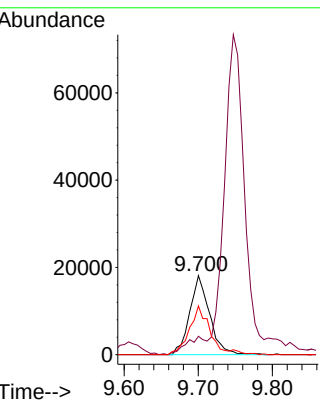
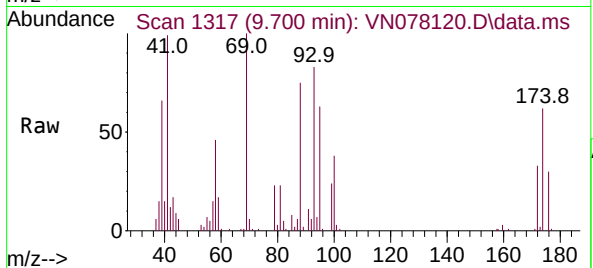
58 65.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#50

Toluene-d8

Concen: 52.935 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078120.D

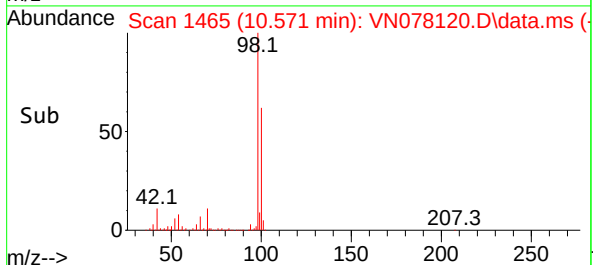
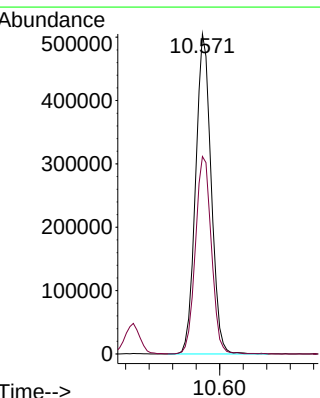
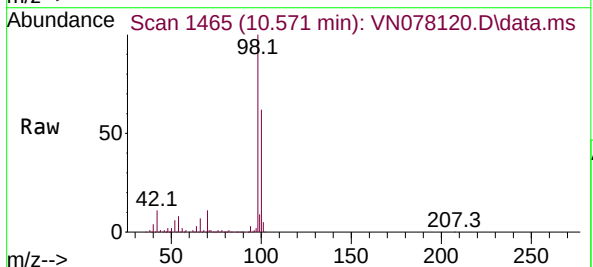
Acq: 08 Jun 2023 11:09

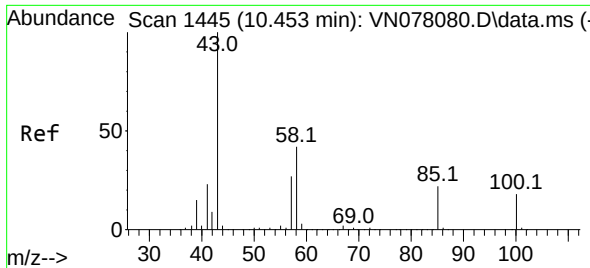
Tgt Ion: 98 Resp: 927505

Ion Ratio Lower Upper

98 100

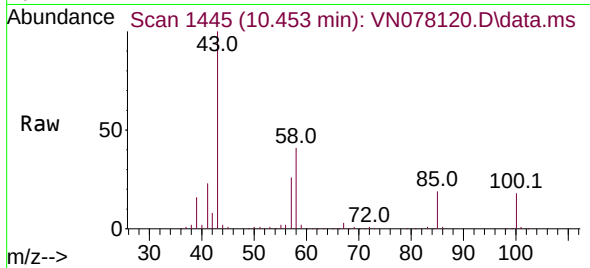
100 63.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 96.837 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

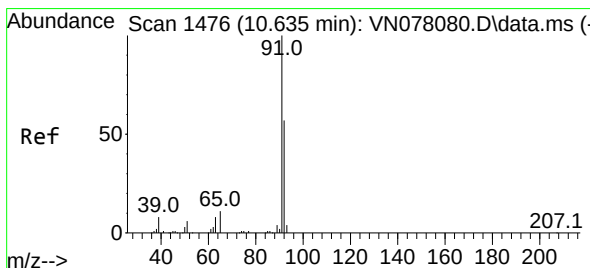
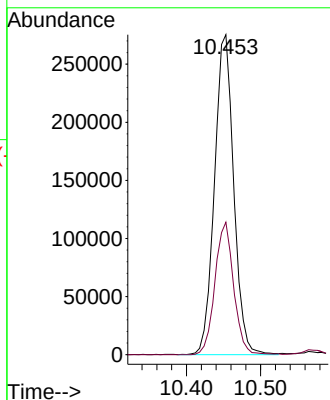
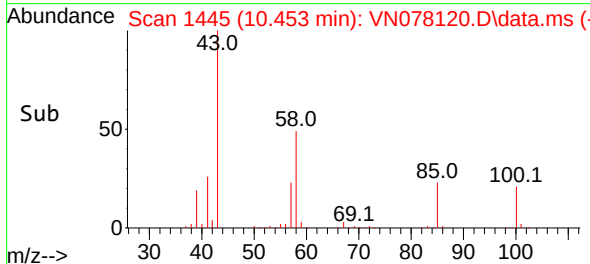
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



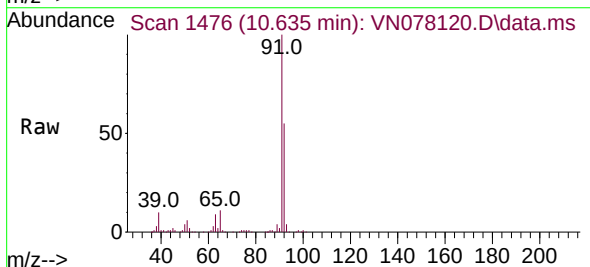
Tgt Ion: 43 Resp: 49667
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8

Manual Integrations
APPROVED

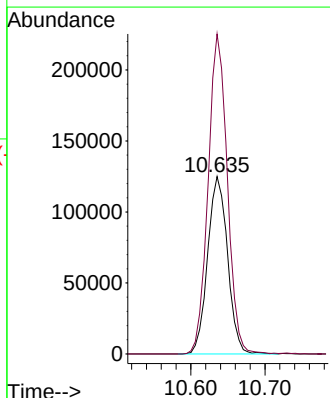
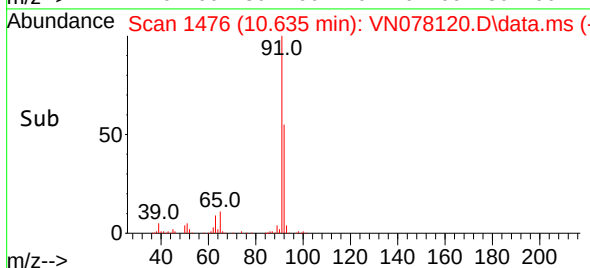
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

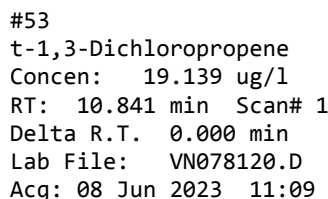


#52
Toluene
Concen: 18.976 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion: 92 Resp: 233188
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

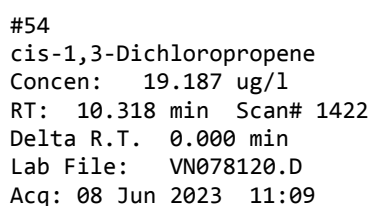
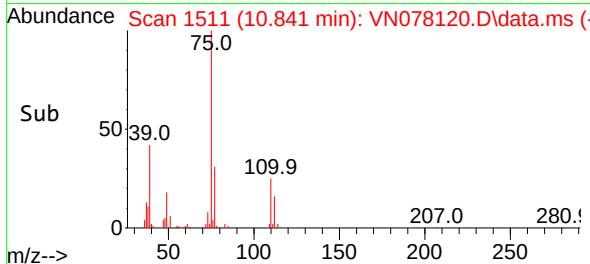
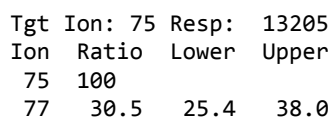




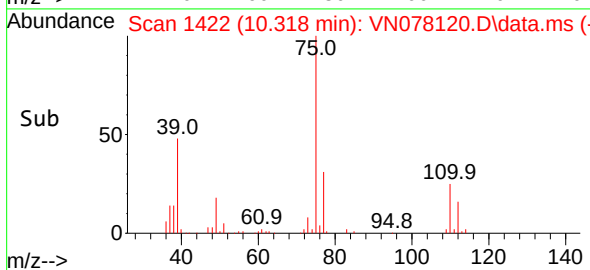
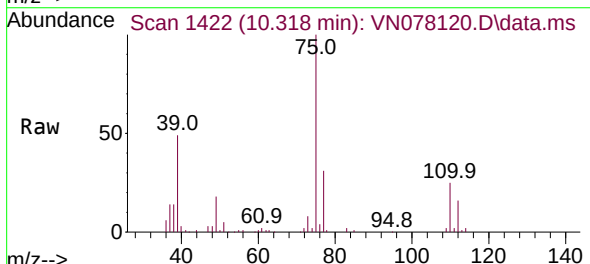
VN0608WBSD01

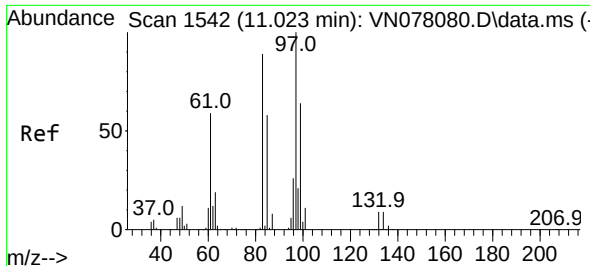
APPROVED

Supervised By :Mahesh Dadoda 06/09/2023



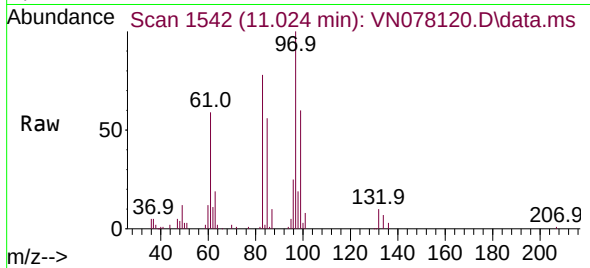
Tgt Ion: 75	Resp: 146343
Ion Ratio	Lower Upper
75 100	
77 31.4	26.1 39.1
39 48.2	31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.770 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

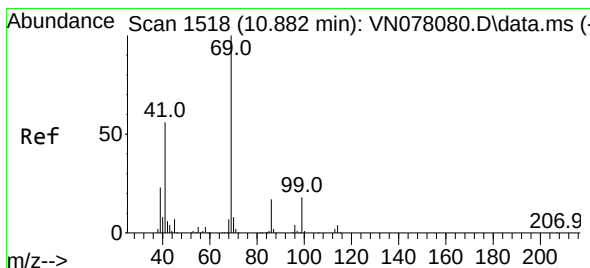
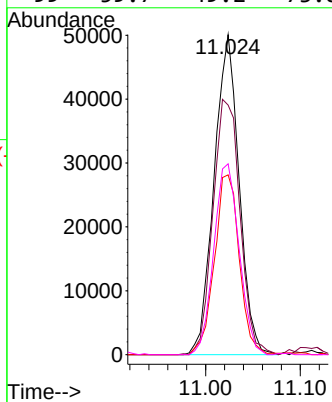
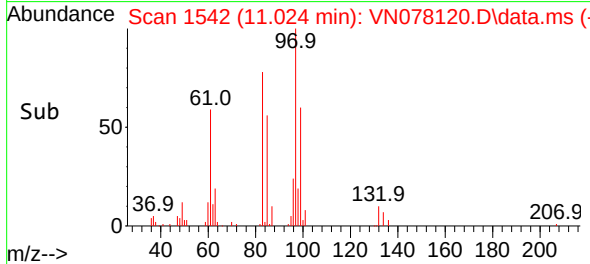
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



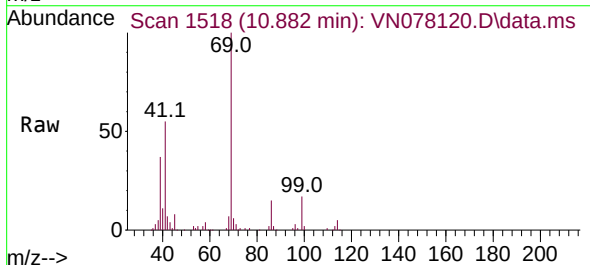
Tgt Ion:	97	Resp:	91900
Ion Ratio	100	Lower	Upper
97	100		
83	78.0	65.1	97.7
85	56.2	43.4	65.2
99	59.7	49.2	73.8

Manual Integrations
APPROVED

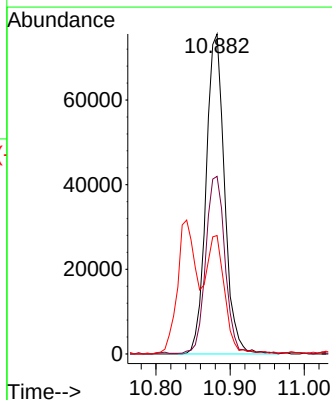
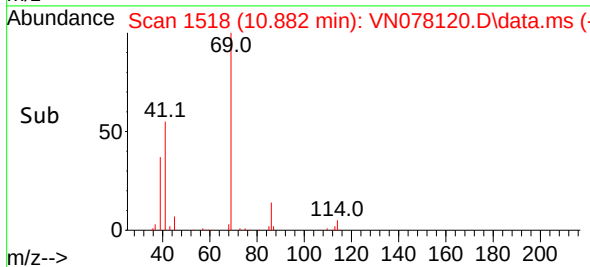
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

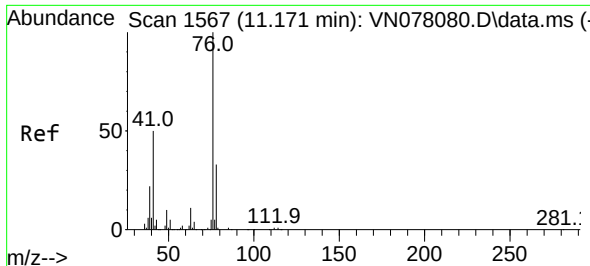


#56
Ethyl methacrylate
Concen: 19.287 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



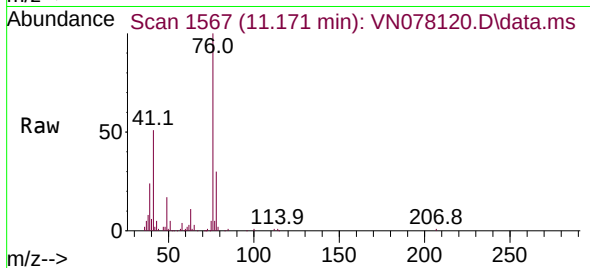
Tgt Ion:	69	Resp:	130548
Ion Ratio	100	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	37.4	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.151 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

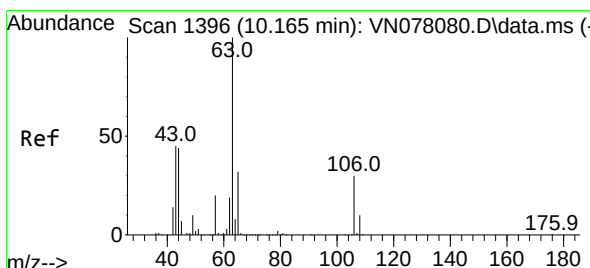
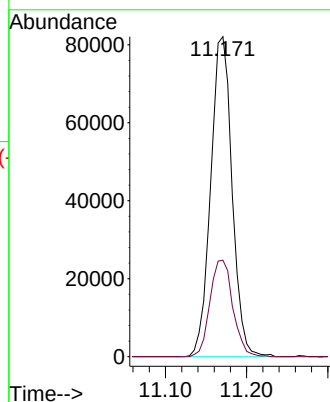
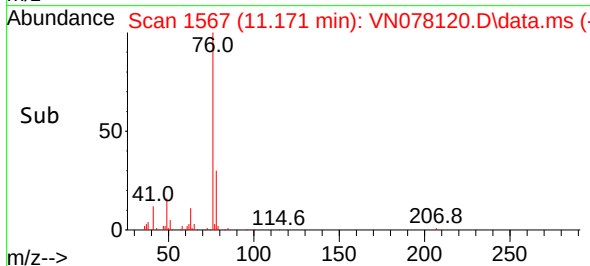
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



Tgt Ion: 76 Resp: 15027
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

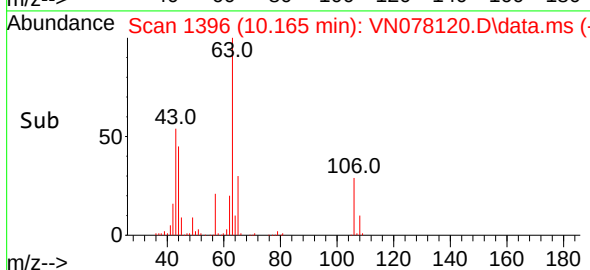
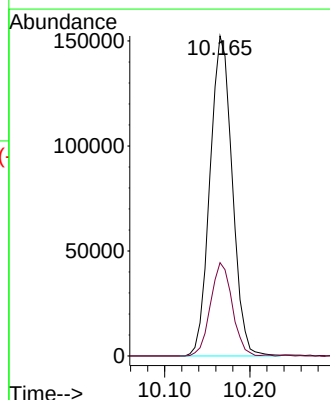
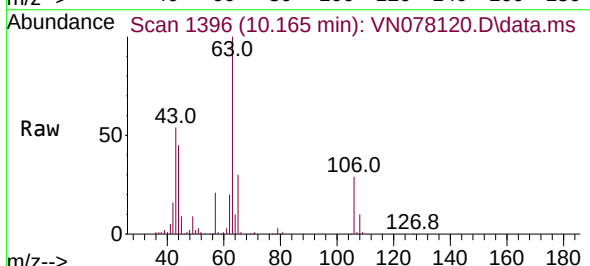
Manual Integrations
APPROVED

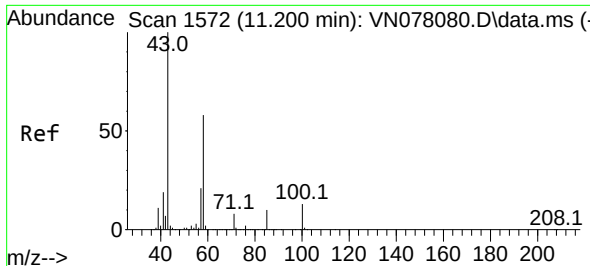
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#58
2-Chloroethyl Vinyl ether
Concen: 101.148 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

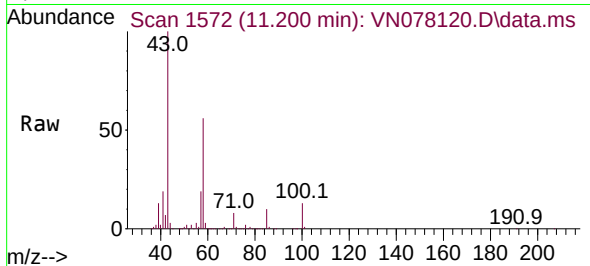
Tgt Ion: 63 Resp: 276570
Ion Ratio Lower Upper
63 100
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 98.844 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

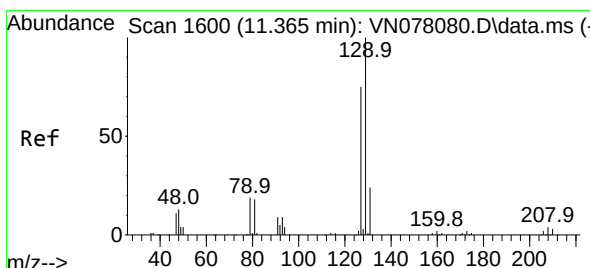
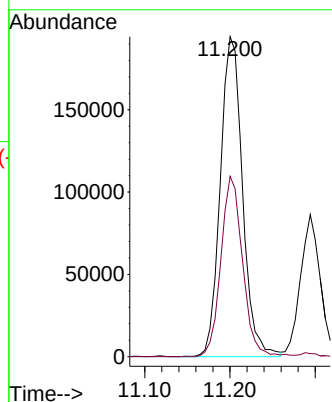
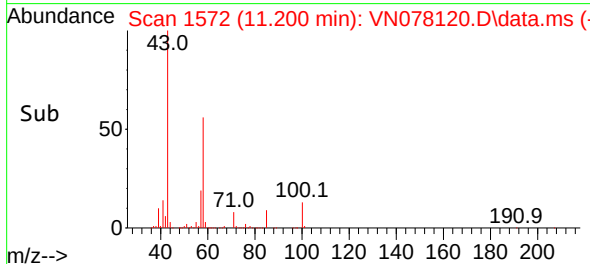
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



Tgt Ion: 43 Resp: 35299
Ion Ratio Lower Upper
43 100
58 55.0 31.7 95.1

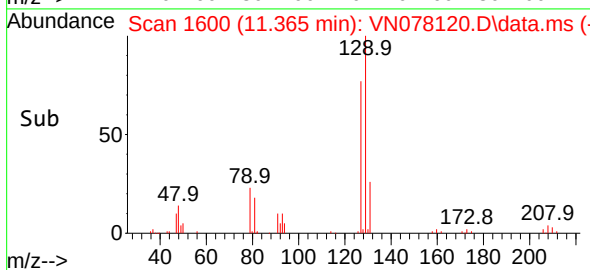
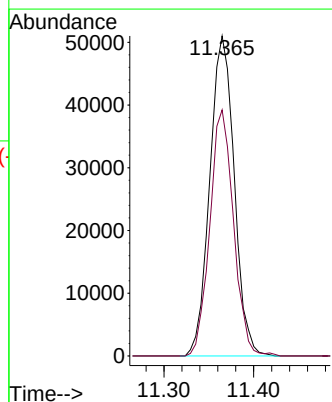
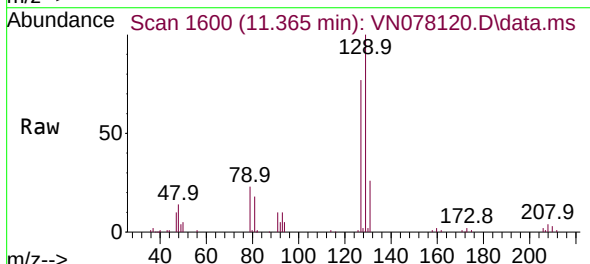
Manual Integrations
APPROVED

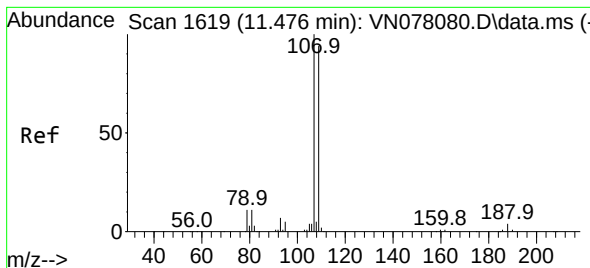
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#60
Dibromochloromethane
Concen: 18.973 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion:129 Resp: 96508
Ion Ratio Lower Upper
129 100
127 74.6 38.6 116.0





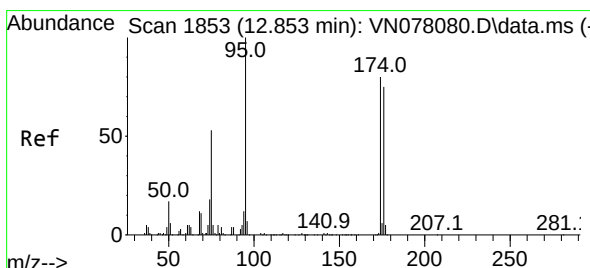
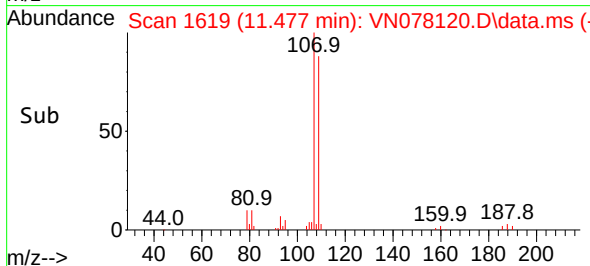
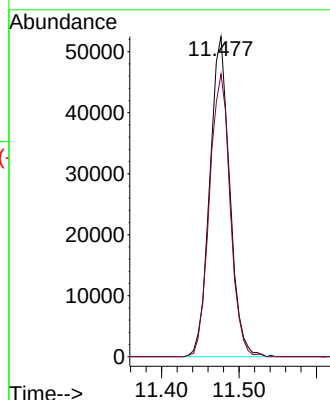
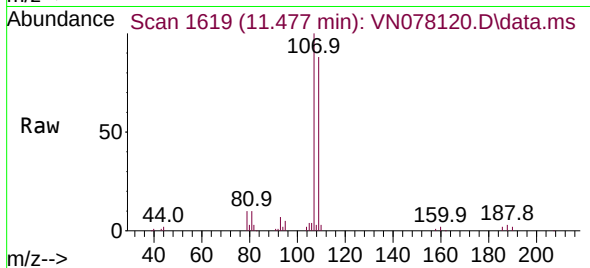
#61
1,2-Dibromoethane
Concen: 19.256 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:107 Resp: 93939
Ion Ratio Lower Upper
107 100
109 91.6 76.6 114.8

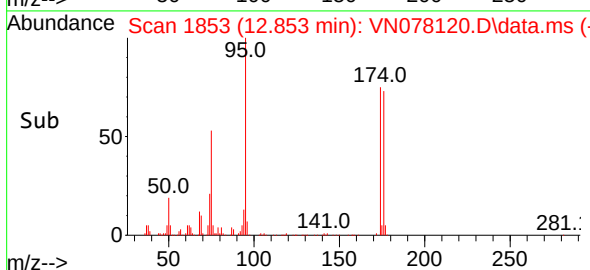
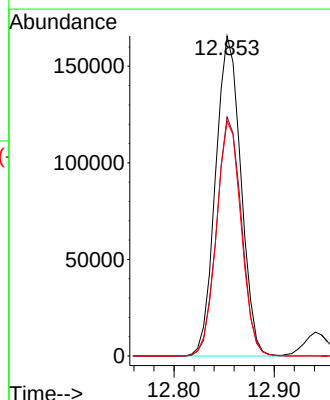
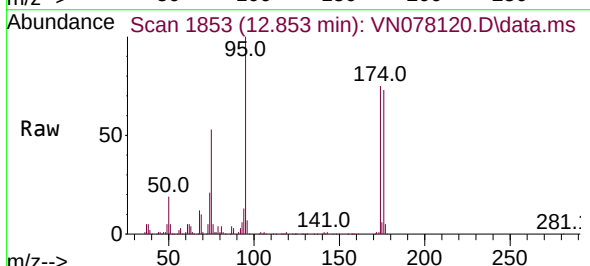
Manual Integrations
APPROVED

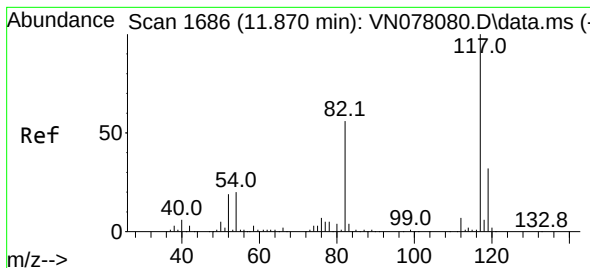
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#62
4-Bromofluorobenzene
Concen: 53.367 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

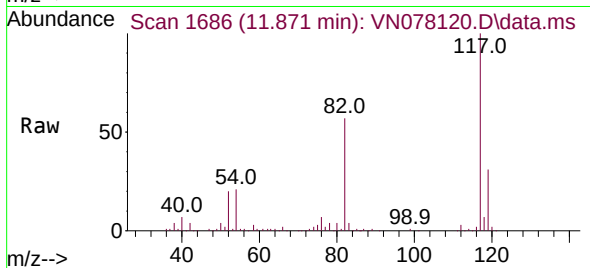
Tgt Ion: 95 Resp: 290692
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 71.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

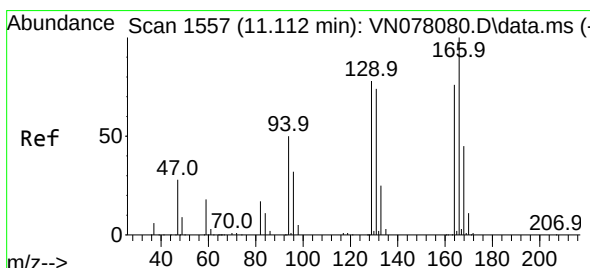
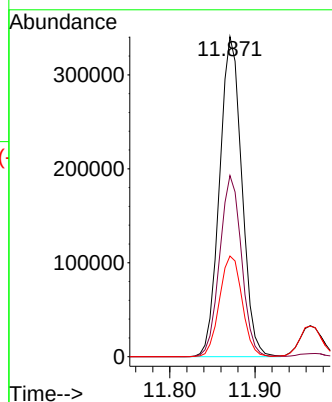
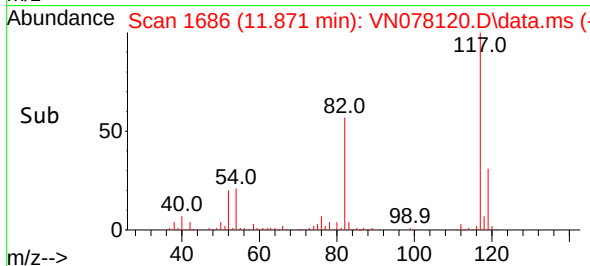
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



Tgt Ion:117 Resp: 619118
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.5 25.6 38.4

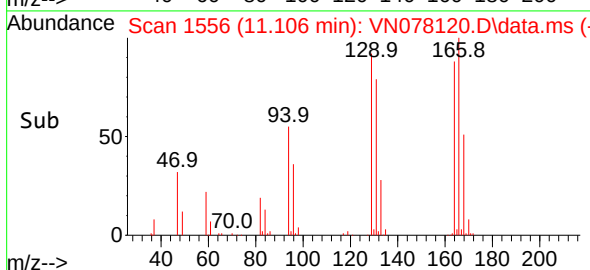
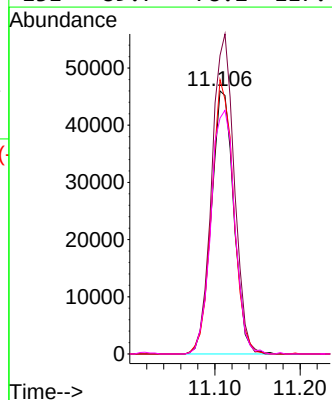
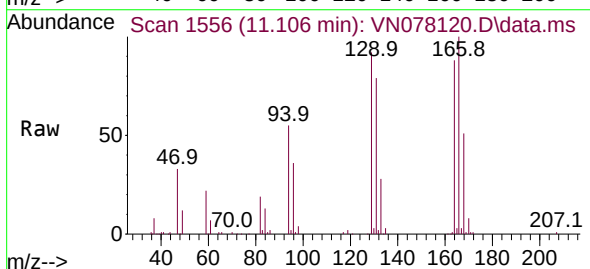
Manual Integrations
APPROVED

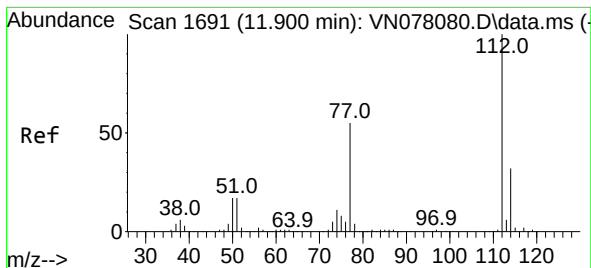
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#64
Tetrachloroethene
Concen: 20.281 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion:164 Resp: 83767
Ion Ratio Lower Upper
164 100
166 113.5 101.4 152.0
129 104.3 82.4 123.6
131 89.7 78.2 117.4





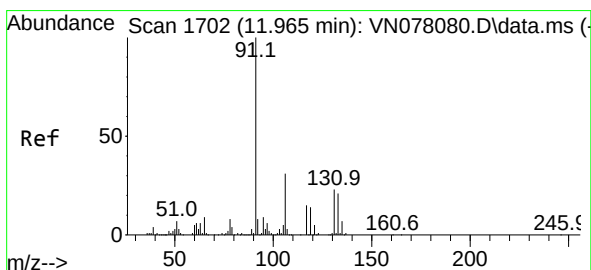
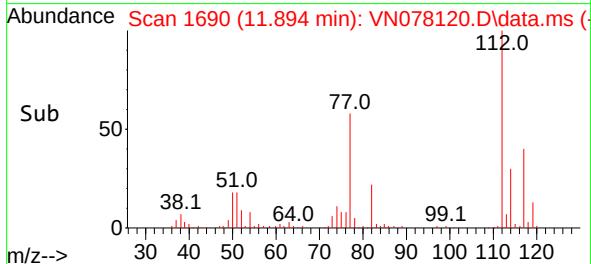
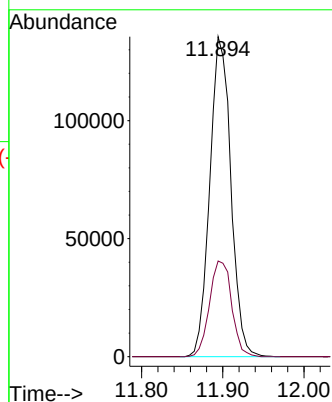
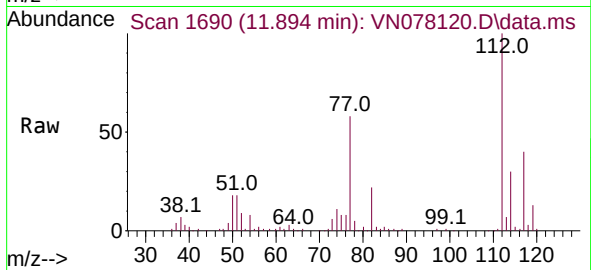
#65
Chlorobenzene
Concen: 18.417 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:112 Resp: 244189
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4

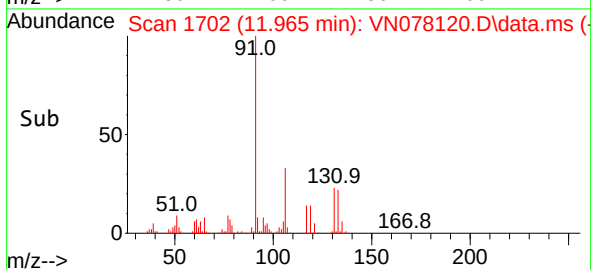
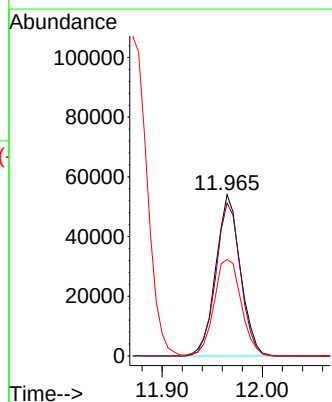
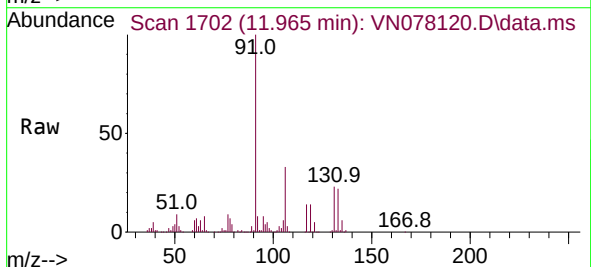
Manual Integrations
APPROVED

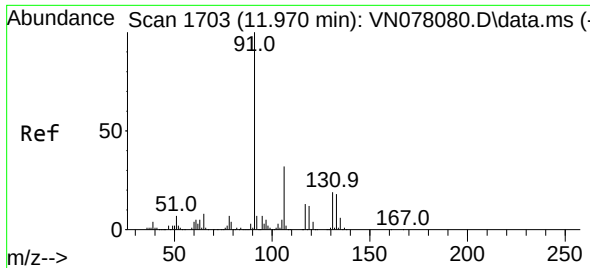
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.844 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion:131 Resp: 91895
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 66.2 34.1 102.2





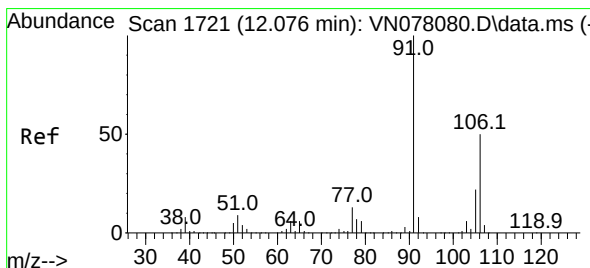
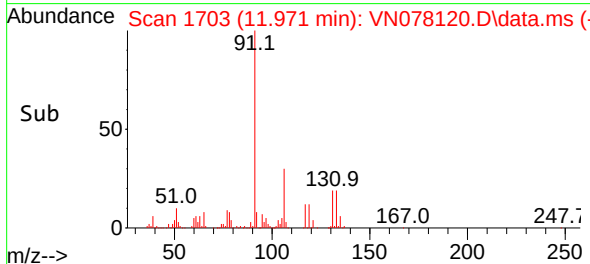
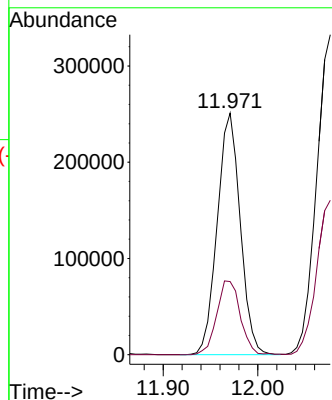
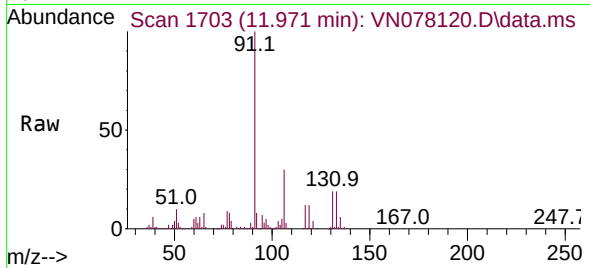
#67
Ethyl Benzene
Concen: 18.513 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 91 Resp: 42352
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

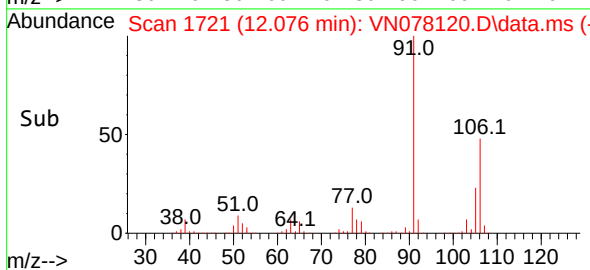
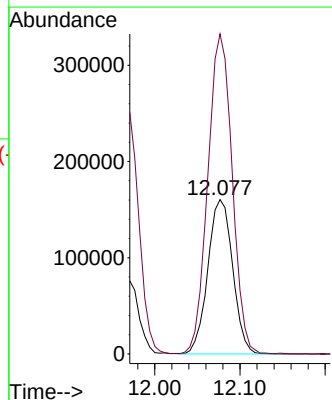
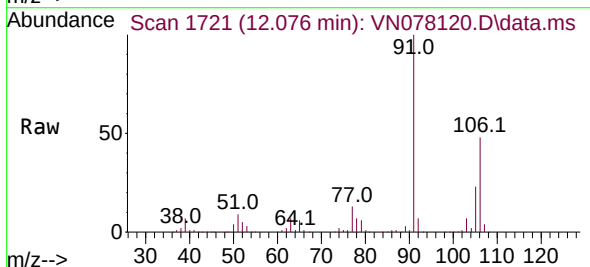
Manual Integrations
APPROVED

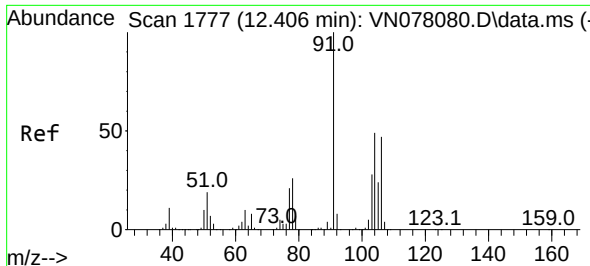
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#68
m/p-Xylenes
Concen: 37.298 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion:106 Resp: 325192
Ion Ratio Lower Upper
106 100
91 203.3 159.6 239.4





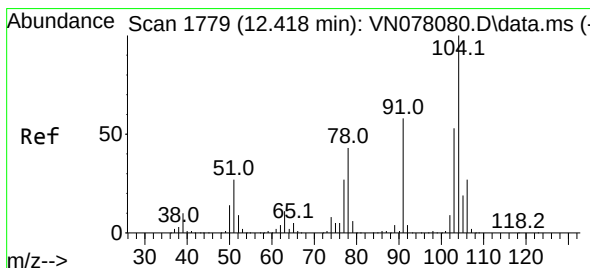
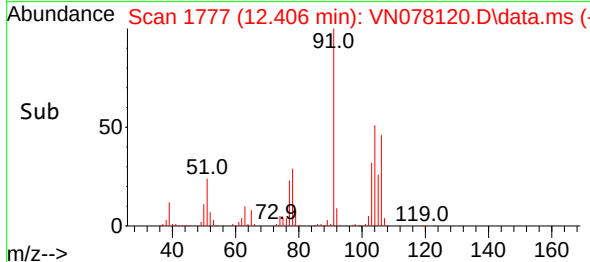
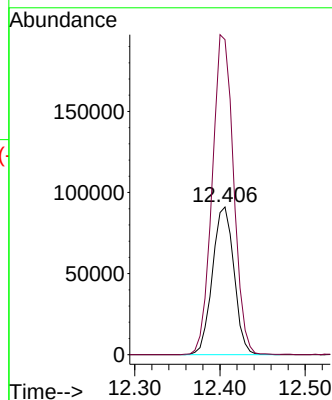
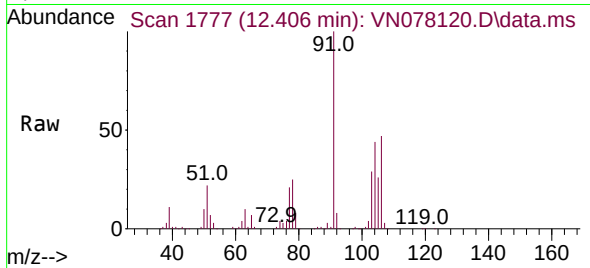
#69
o-Xylene
Concen: 18.699 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:106 Resp: 160090
Ion Ratio Lower Upper
106 100
91 215.0 105.2 315.5

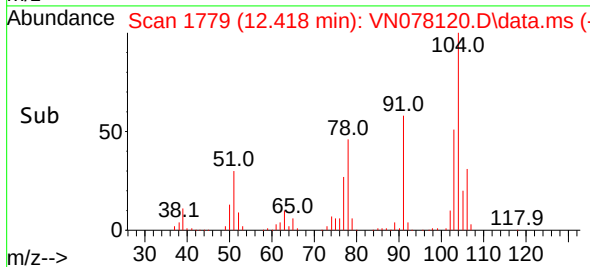
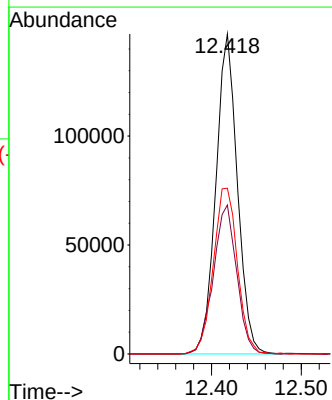
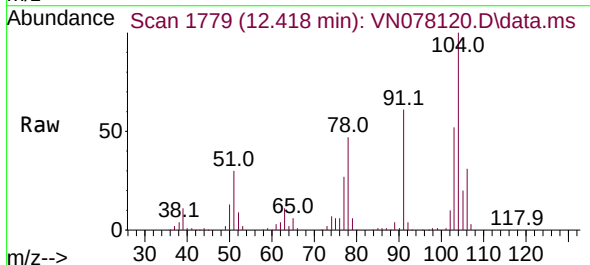
Manual Integrations
APPROVED

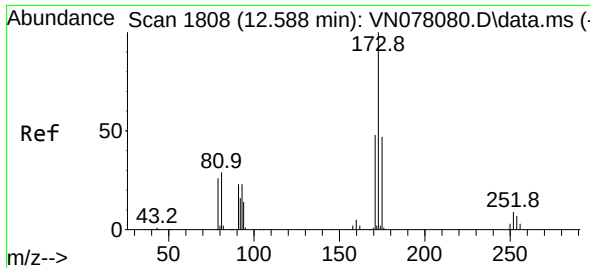
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#70
Styrene
Concen: 18.133 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

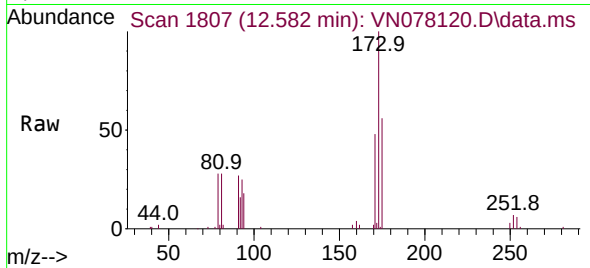
Tgt Ion:104 Resp: 244412
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 58.2 43.2 64.8





#71
Bromoform
Concen: 19.058 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

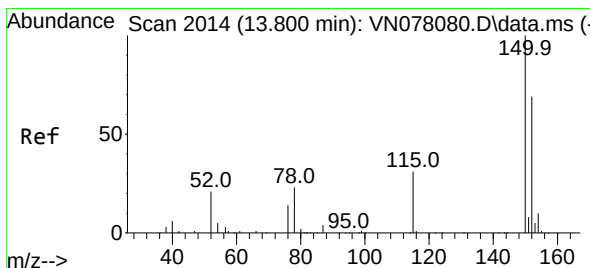
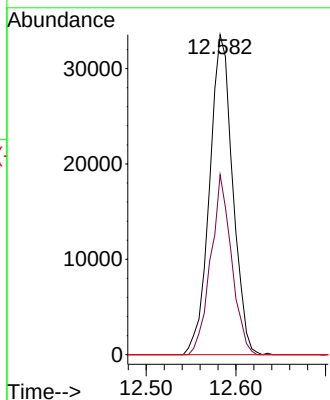
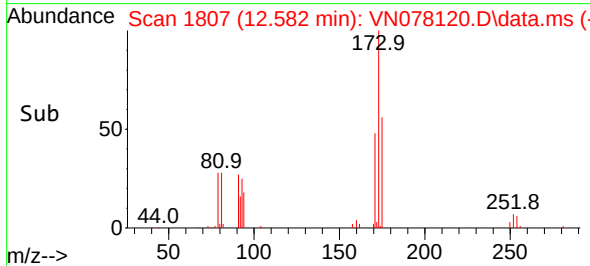
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



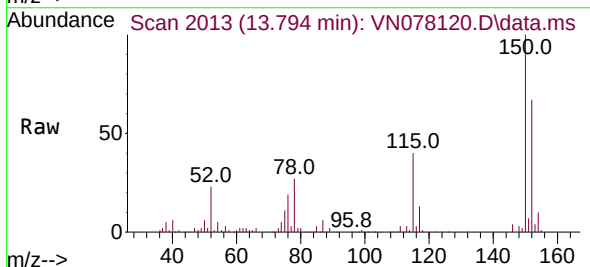
Tgt Ion:173 Resp: 5997
Ion Ratio Lower Upper
173 100
175 50.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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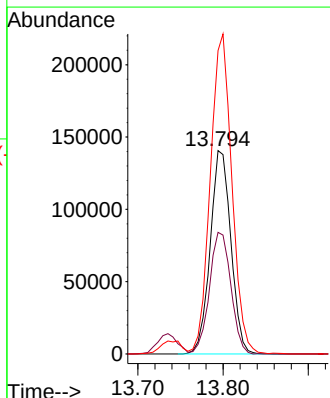
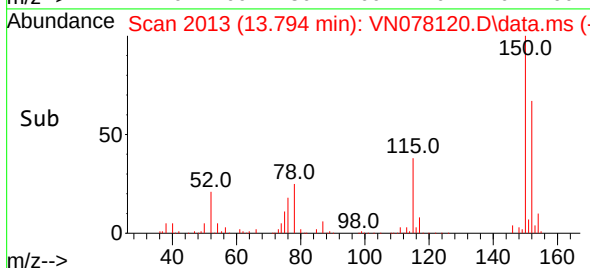
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

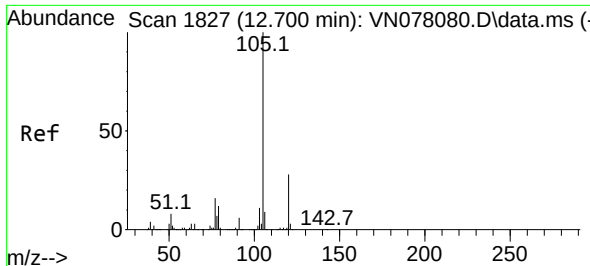


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



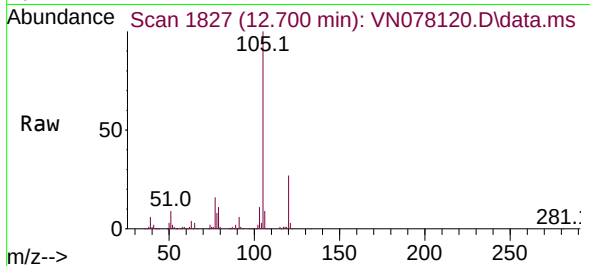
Tgt Ion:152 Resp: 237968
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 163.5 0.0 355.8





#73
Isopropylbenzene
Concen: 17.667 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

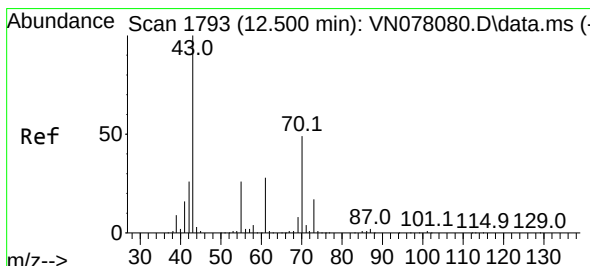
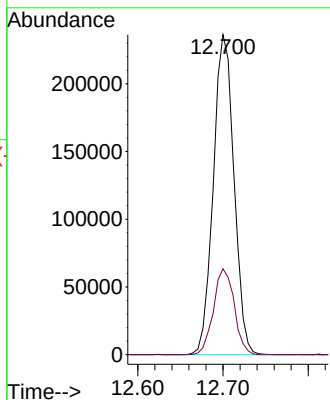
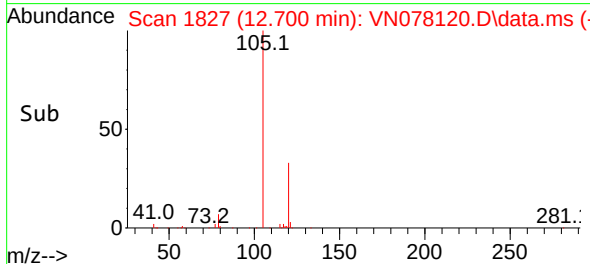
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



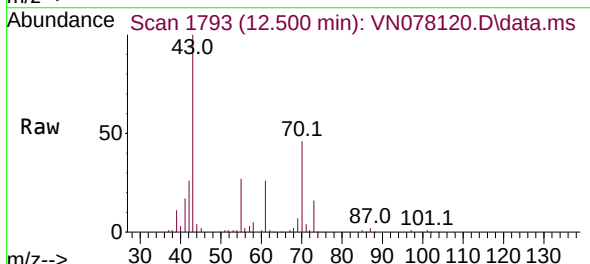
Tgt Ion:105 Resp: 397550
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations
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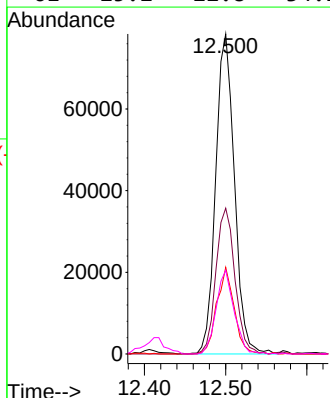
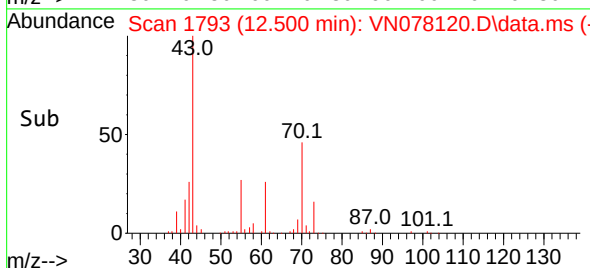
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

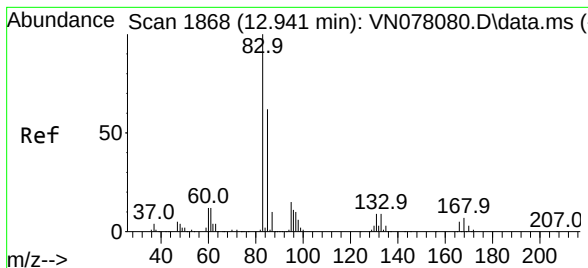


#74
N-ethyl acetate
Concen: 17.000 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



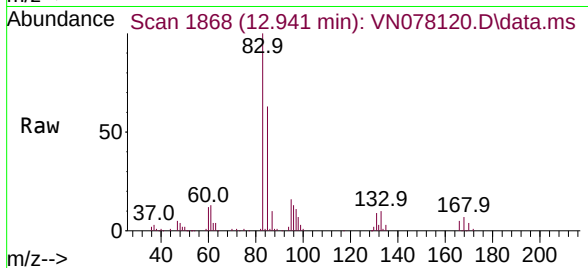
Tgt Ion: 43 Resp: 125978
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 25.4 21.4 32.0
61 25.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.087 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

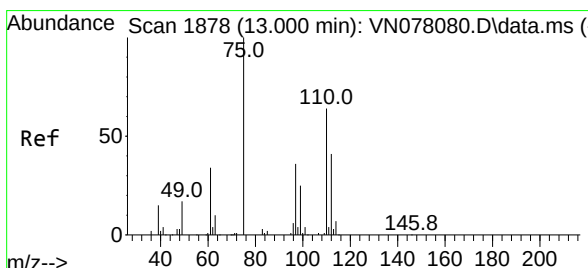
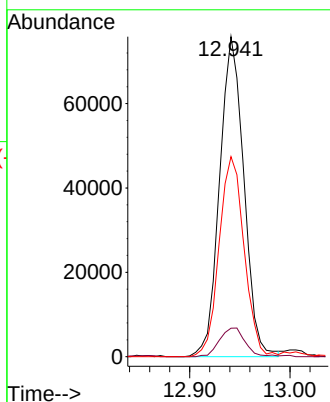
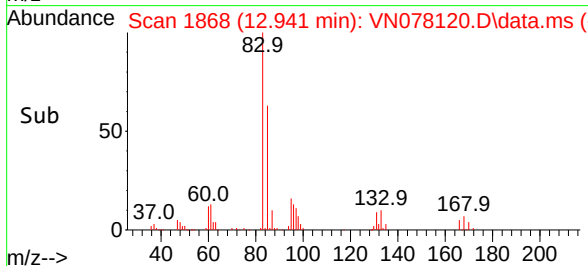
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



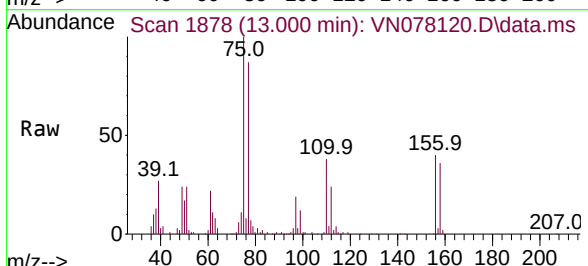
Tgt Ion: 83 Resp: 127499
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.5 31.9 95.7

Manual Integrations
APPROVED

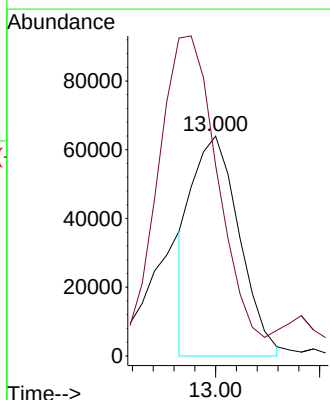
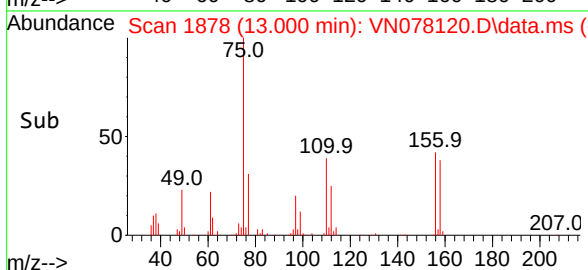
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

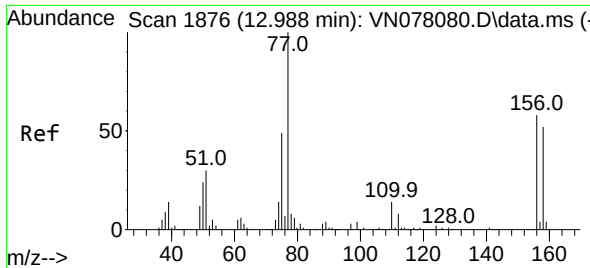


#76
1,2,3-Trichloropropane
Concen: 18.047 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion: 75 Resp: 101528
Ion Ratio Lower Upper
75 100
77 188.3 84.5 253.5





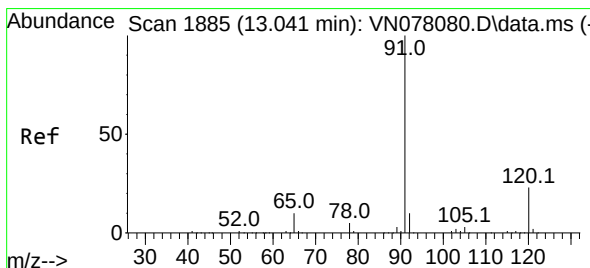
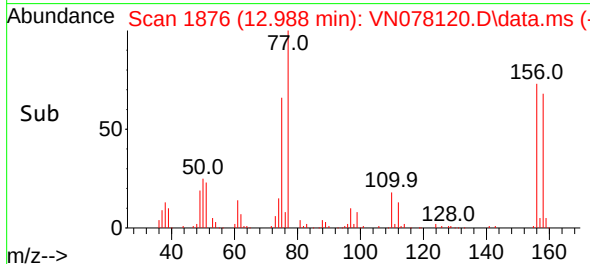
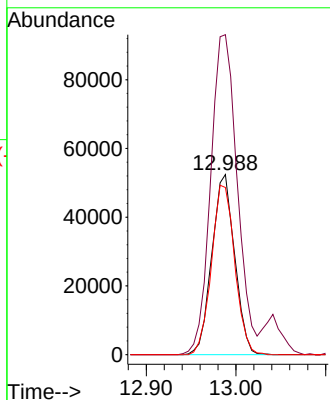
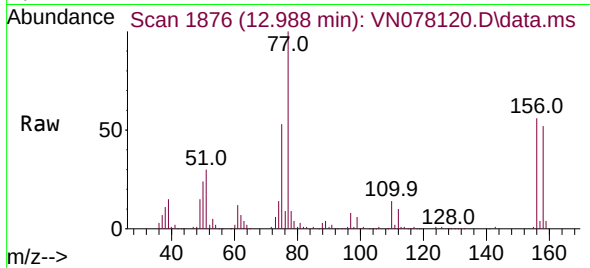
#77
Bromobenzene
Concen: 17.719 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:156 Resp: 9256
Ion Ratio Lower Upper
156 100
77 206.5 107.7 323.3
158 96.0 48.4 145.3

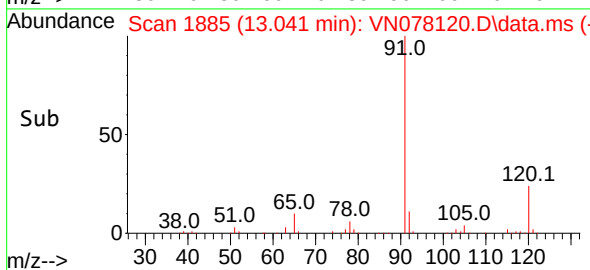
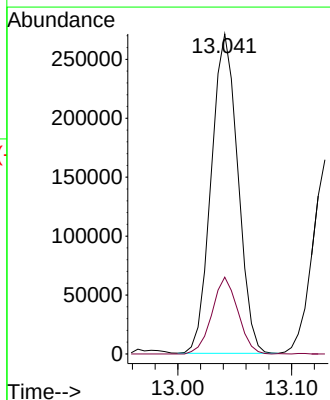
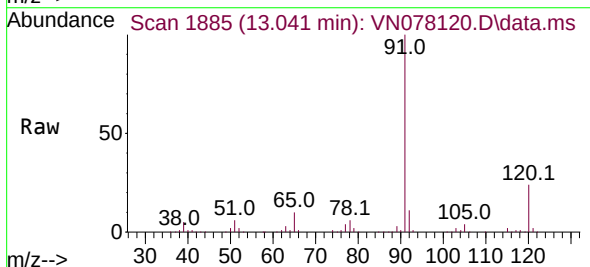
Manual Integrations
APPROVED

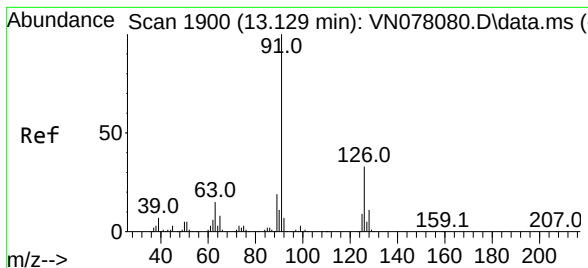
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#78
n-propylbenzene
Concen: 18.070 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion: 91 Resp: 441794
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





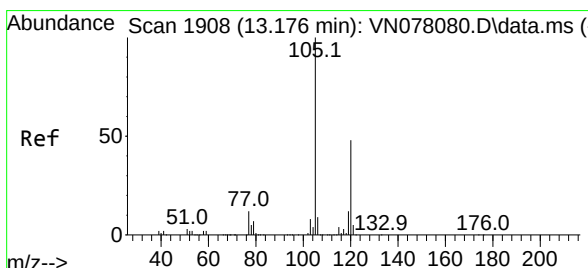
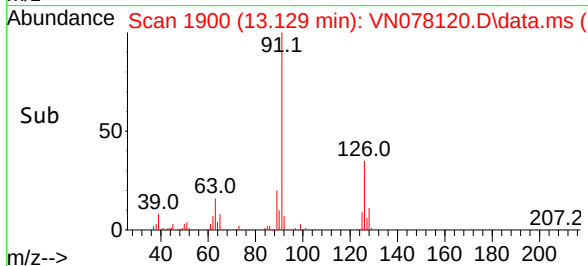
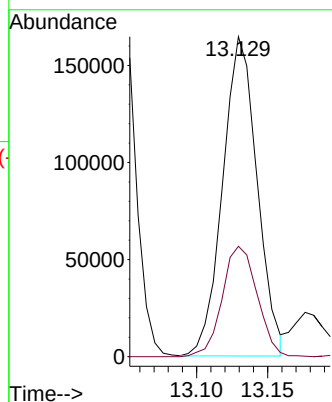
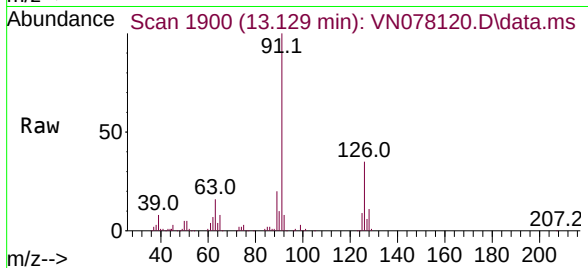
#79
2-Chlorotoluene
Concen: 17.573 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 91 Resp: 27733
Ion Ratio Lower Upper
91 100
126 35.1 16.3 48.8

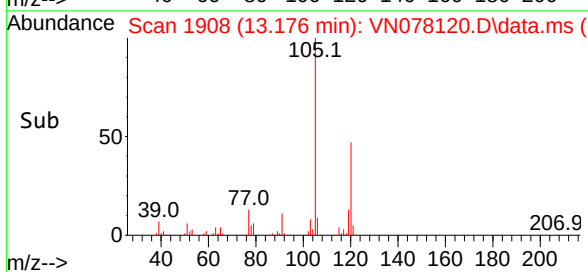
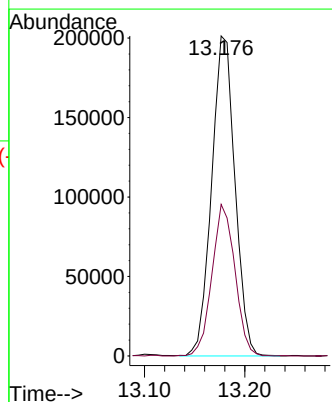
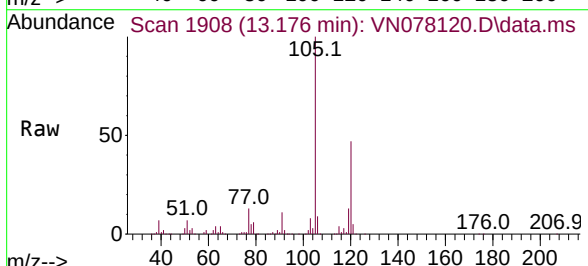
Manual Integrations
APPROVED

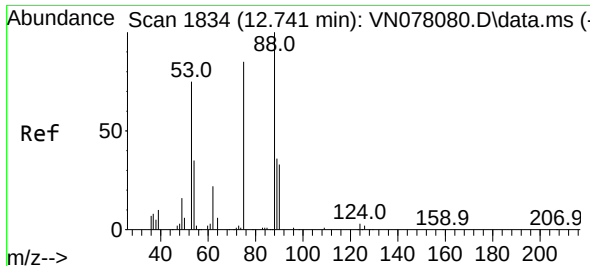
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.894 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

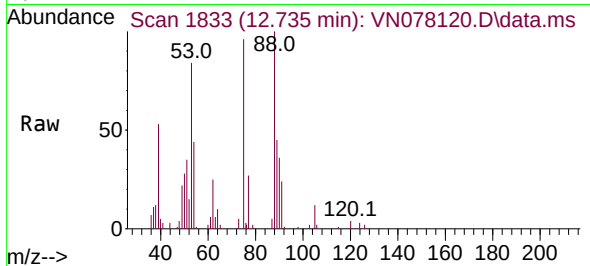
Tgt Ion:105 Resp: 326008
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.025 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

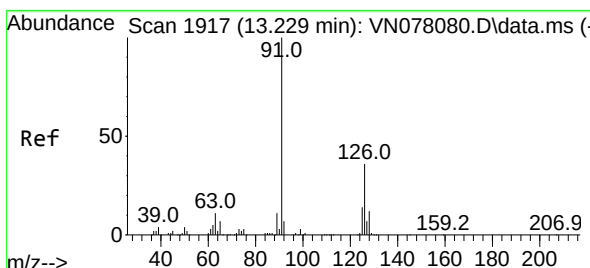
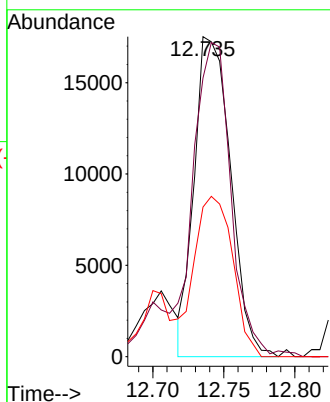
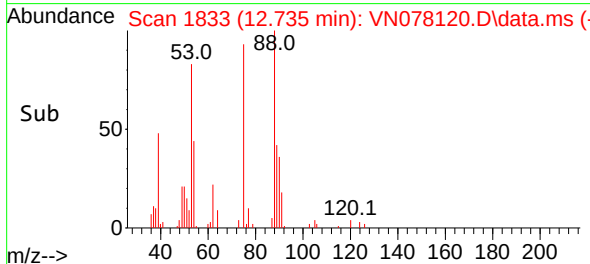
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



Tgt Ion: 75 Resp: 31174
Ion Ratio Lower Upper
75 100
53 115.7 67.4 101.2
89 55.1 38.8 58.2

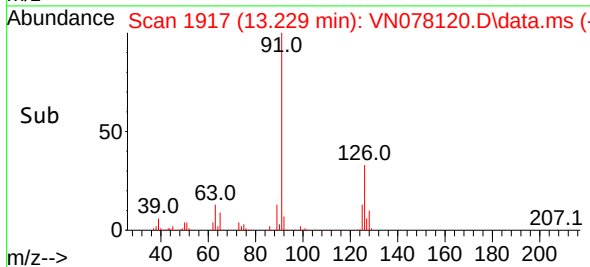
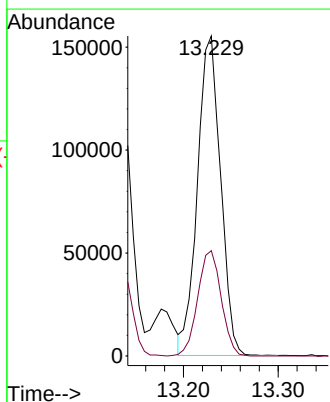
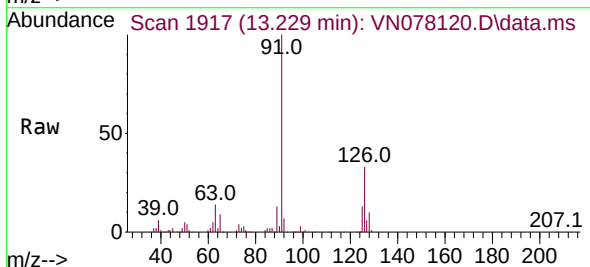
Manual Integrations
APPROVED

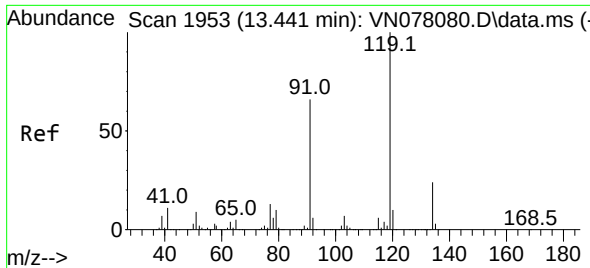
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#82
4-Chlorotoluene
Concen: 17.889 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

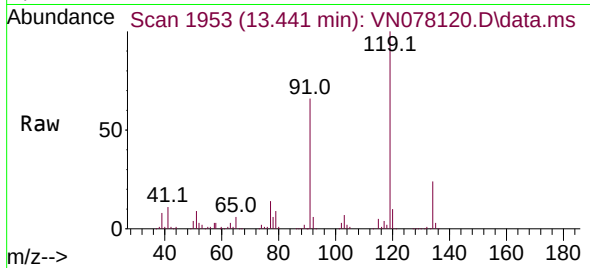
Tgt Ion: 91 Resp: 263495
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.331 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

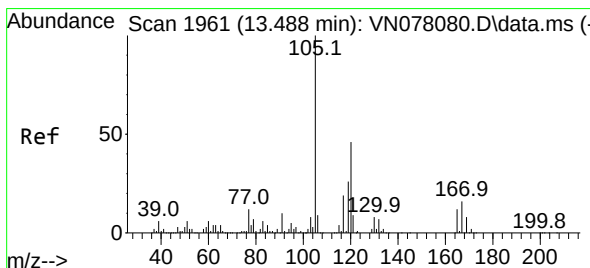
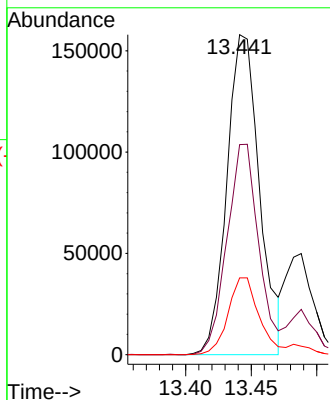
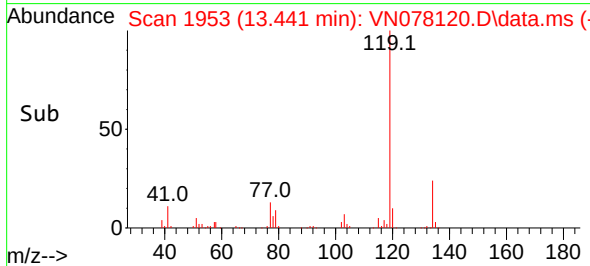
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



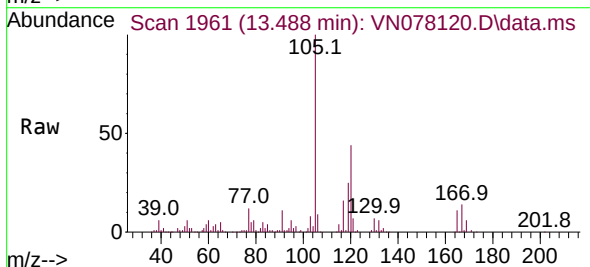
Tgt Ion:119 Resp: 27446
Ion Ratio Lower Upper
119 100
91 63.9 33.9 101.7
134 23.0 13.2 39.6

Manual Integrations
APPROVED

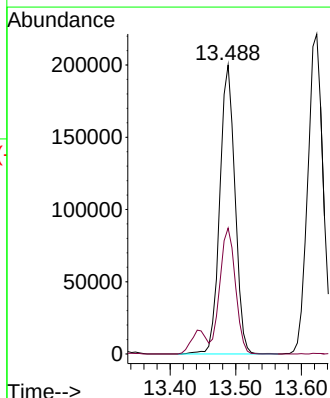
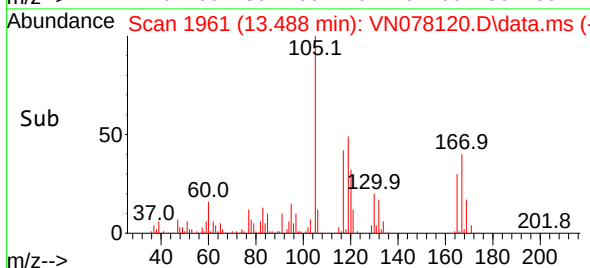
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

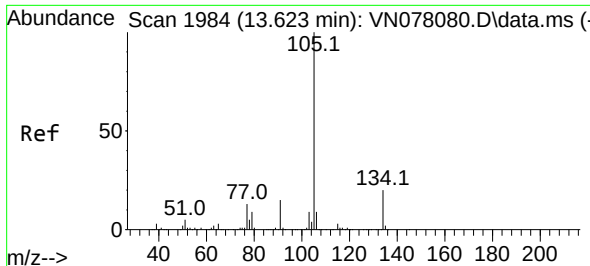


#84
1,2,4-Trimethylbenzene
Concen: 18.163 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion:105 Resp: 320818
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





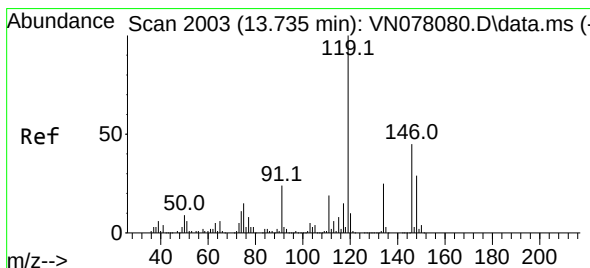
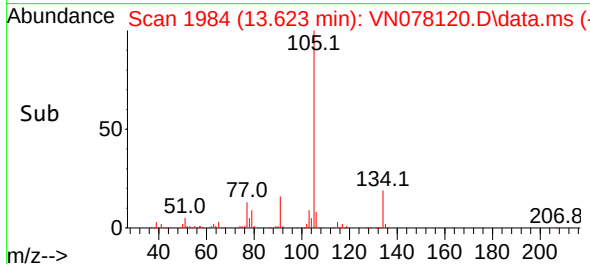
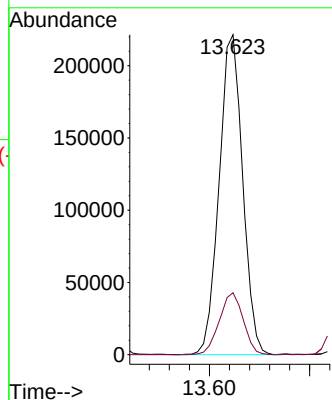
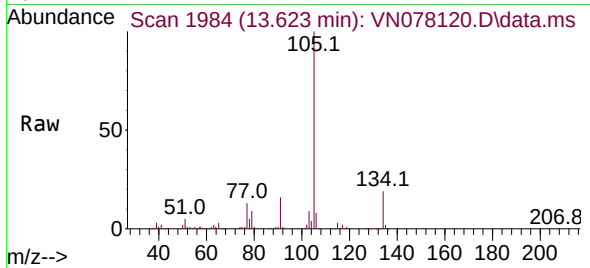
#85
 sec-Butylbenzene
 Concen: 17.346 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078120.D
 Acq: 08 Jun 2023 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Tgt Ion:105 Resp: 35956
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

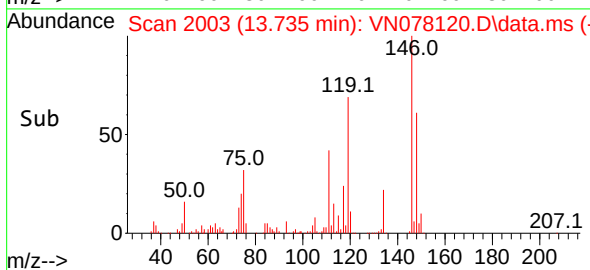
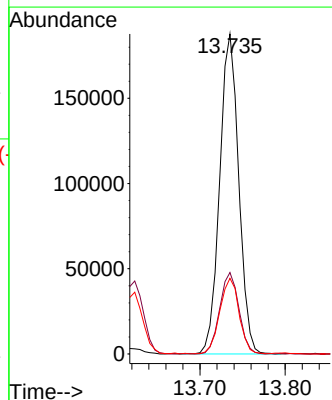
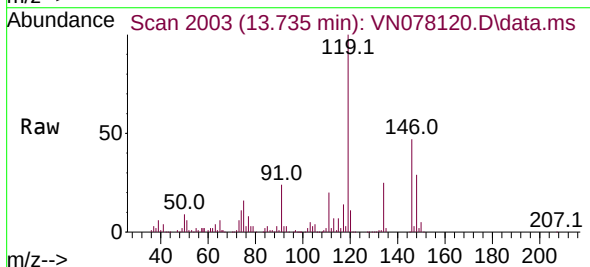
Manual Integrations
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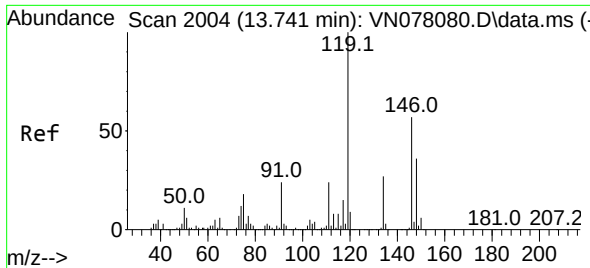
Reviewed By :John Carlone 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023



#86
 p-Isopropyltoluene
 Concen: 17.341 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078120.D
 Acq: 08 Jun 2023 11:09

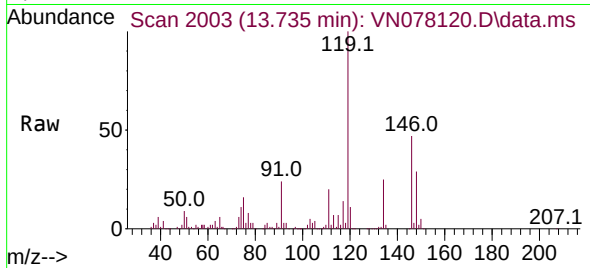
Tgt Ion:119 Resp: 291694
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.156 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

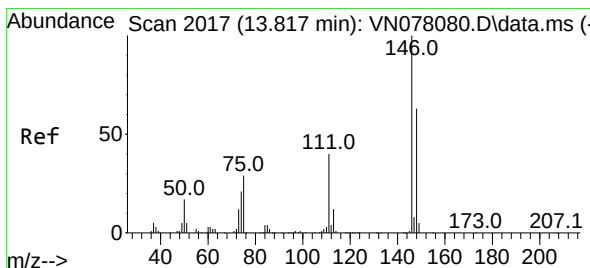
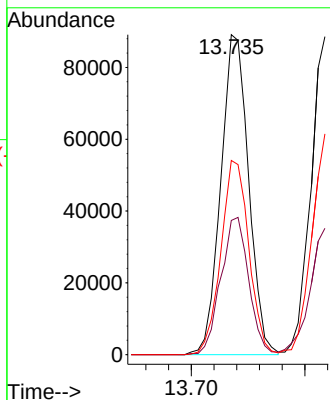
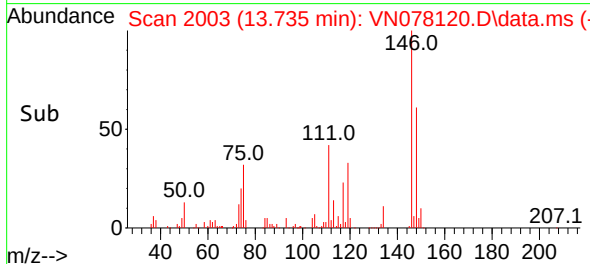
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



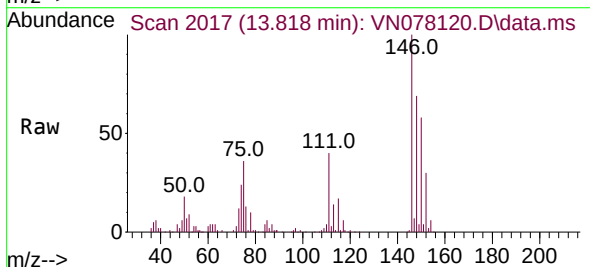
Tgt Ion:146 Resp: 15159
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.3
148 61.0 32.0 96.0

Manual Integrations
APPROVED

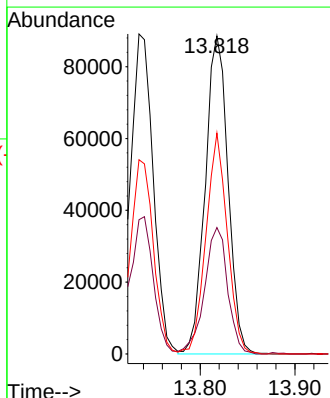
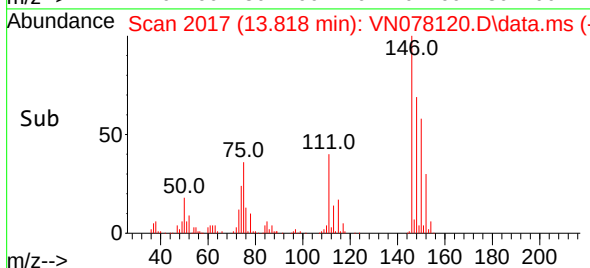
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

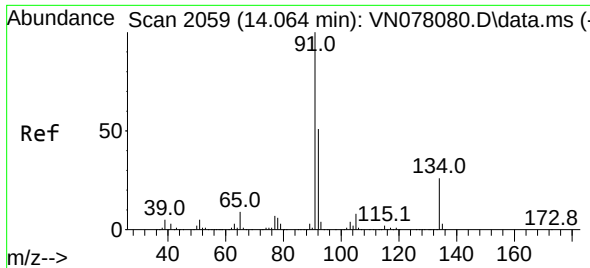


#88
1,4-Dichlorobenzene
Concen: 17.376 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion:146 Resp: 148155
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 65.0 31.6 94.8





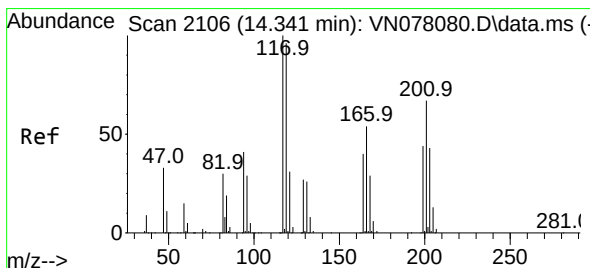
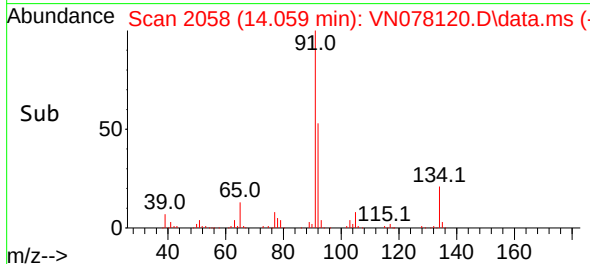
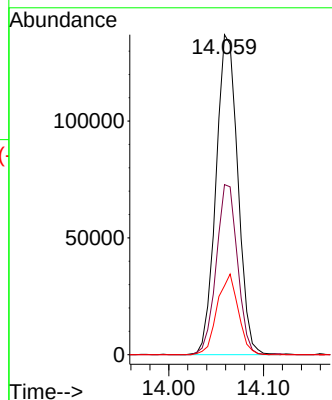
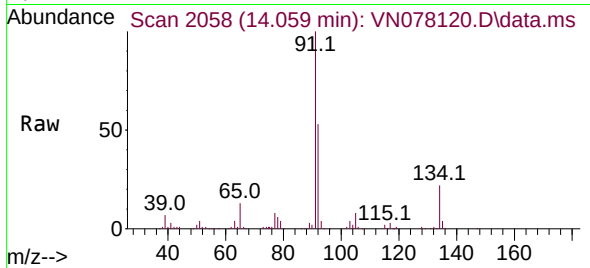
#89
n-Butylbenzene
Concen: 16.553 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 91 Resp: 21962
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 24.4 12.6 37.6

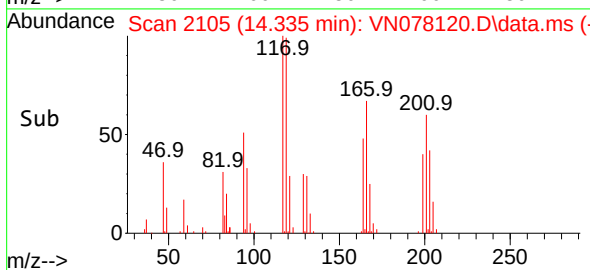
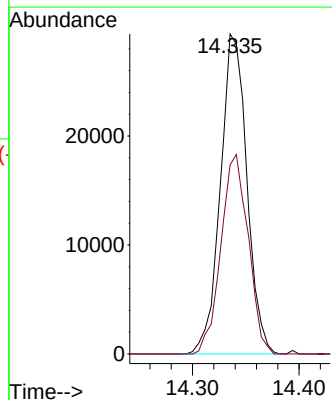
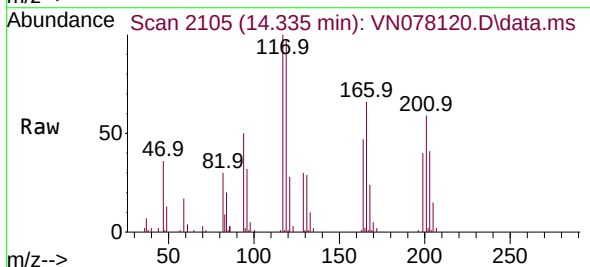
Manual Integrations
APPROVED

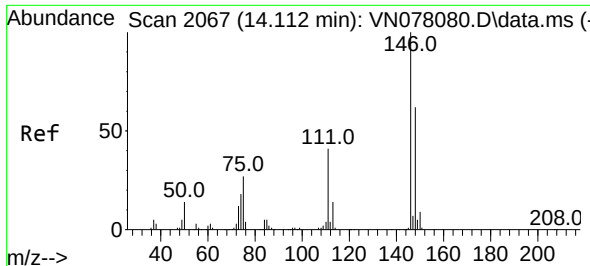
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#90
Hexachloroethane
Concen: 16.981 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

Tgt Ion:117 Resp: 50690
Ion Ratio Lower Upper
117 100
201 64.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.456 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

Tgt Ion:146 Resp: 150749

Ion Ratio Lower Upper

146 100

111 43.6 22.0 66.0

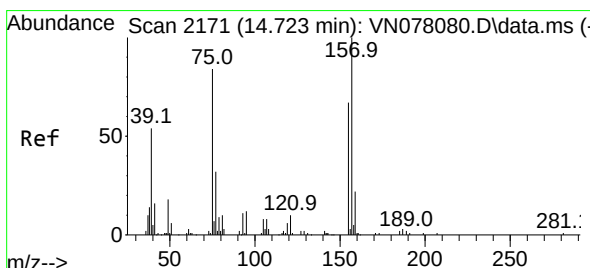
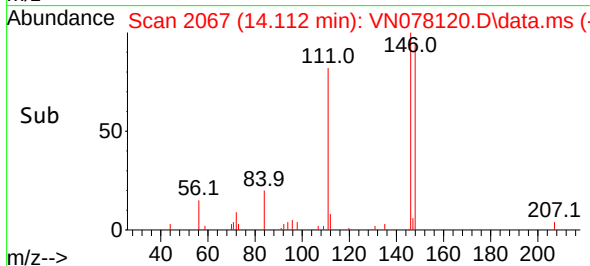
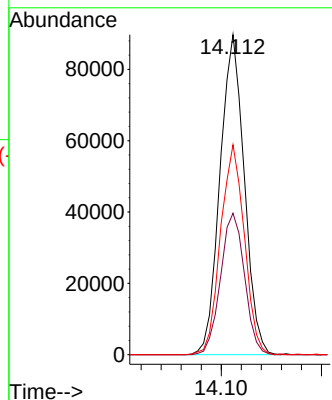
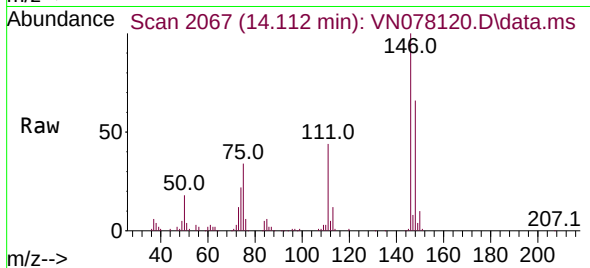
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.786 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078120.D

Acq: 08 Jun 2023 11:09

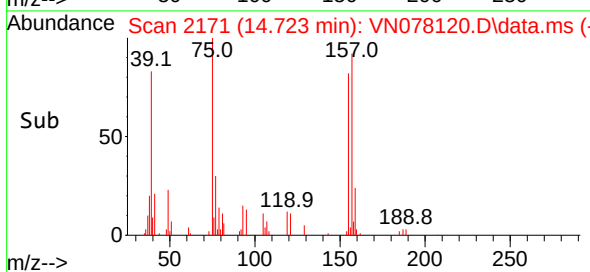
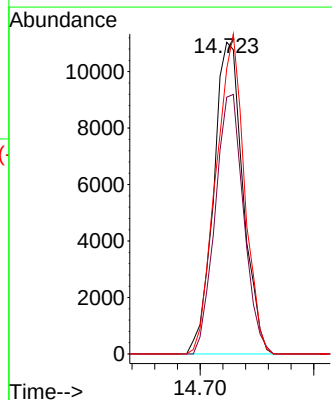
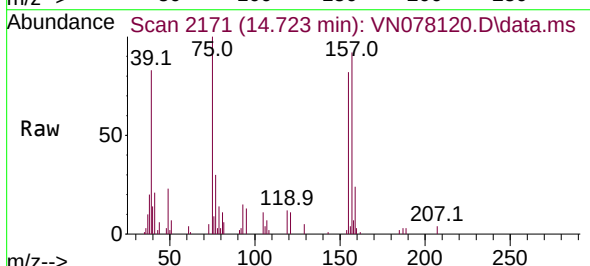
Tgt Ion: 75 Resp: 19825

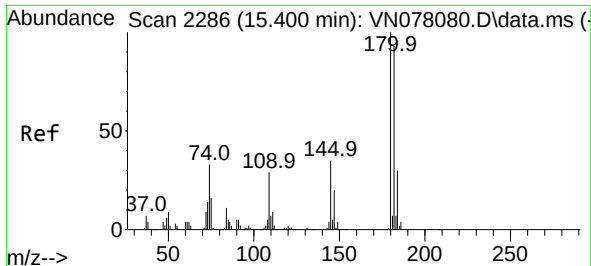
Ion Ratio Lower Upper

75 100

155 80.9 39.1 117.2

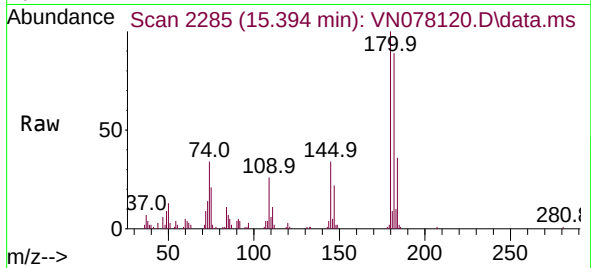
157 99.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.666 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

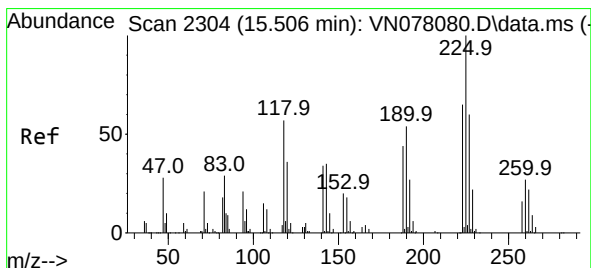
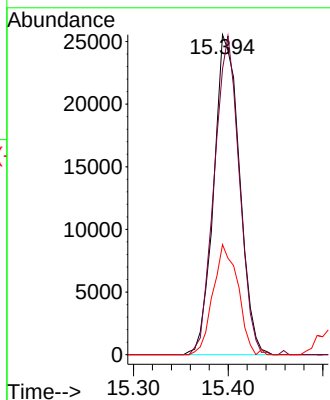
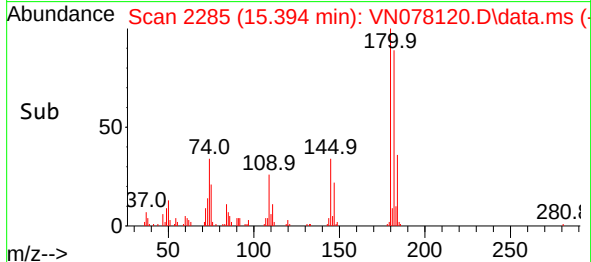
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



Tgt Ion:180 Resp: 4820
Ion Ratio Lower Upper
180 100
182 97.1 46.1 138.2
145 33.5 16.6 49.8

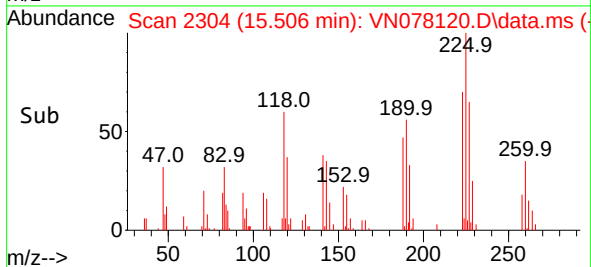
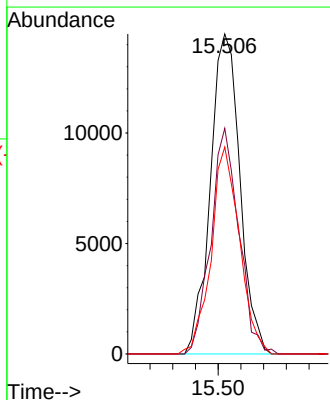
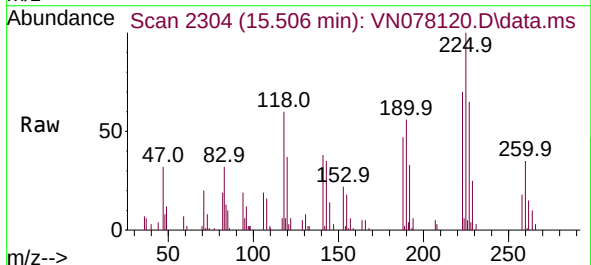
Manual Integrations
APPROVED

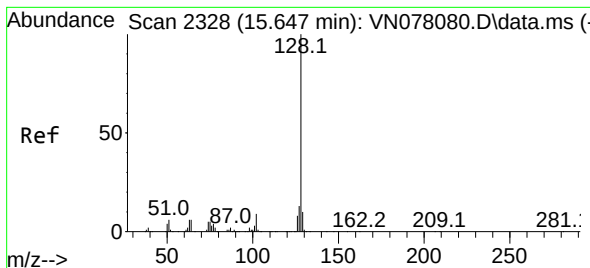
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#94
Hexachlorobutadiene
Concen: 15.529 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

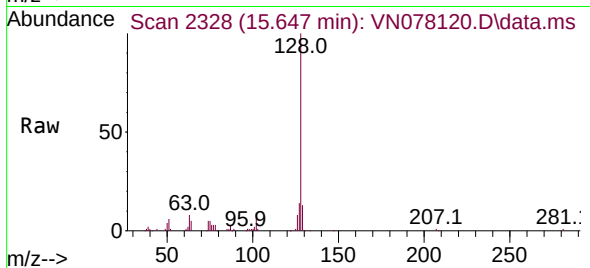
Tgt Ion:225 Resp: 26206
Ion Ratio Lower Upper
225 100
223 66.8 31.3 93.8
227 62.1 31.9 95.9





#95
Naphthalene
Concen: 14.424 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09

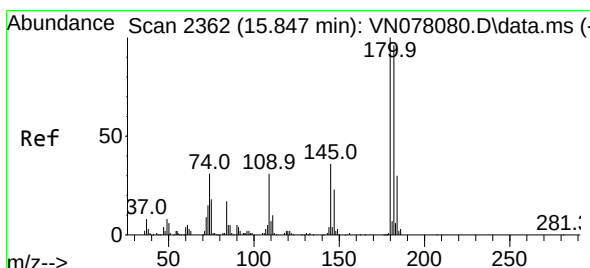
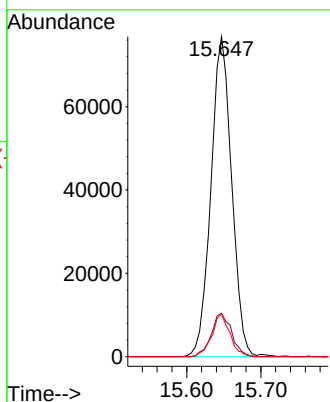
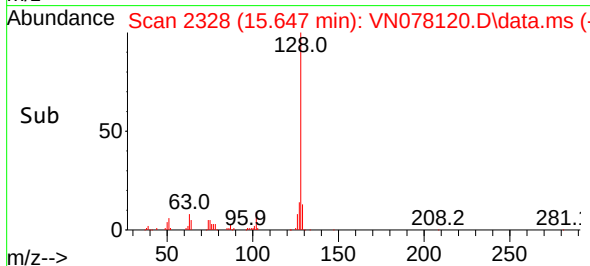
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01



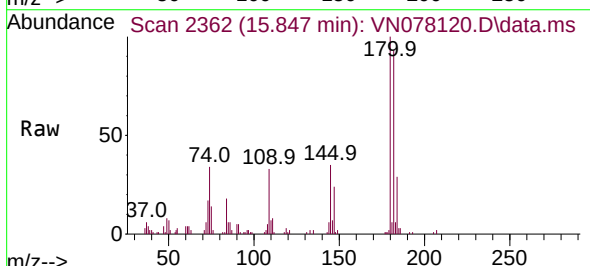
Tgt Ion:128 Resp: 149285
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.843 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078120.D
Acq: 08 Jun 2023 11:09



Tgt Ion:180 Resp: 54519
Ion Ratio Lower Upper
180 100
182 93.6 46.2 138.6
145 34.8 17.5 52.6

