

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078476.D
 Acq On : 12 Jul 2023 12:40
 Operator : JC\MD
 Sample : VN0712WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2023
 Supervised By : Mahesh Dadoda 07/13/2023

Quant Time: Jul 13 02:02:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	434742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	740068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	656592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	304962	52.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.660%			
35) Dibromofluoromethane	8.171	113	264571	52.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.320%			
50) Toluene-d8	10.577	98	975422	51.396	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.800%			
62) 4-Bromofluorobenzene	12.853	95	296014	50.637	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	90887	17.051	ug/l	96
3) Chloromethane	2.371	50	104850	18.098	ug/l	99
4) Vinyl Chloride	2.518	62	135169	18.036	ug/l	96
5) Bromomethane	2.959	94	94995	16.732	ug/l	99
6) Chloroethane	3.130	64	83079	17.060	ug/l	96
7) Trichlorofluoromethane	3.501	101	164602	18.373	ug/l	99
8) Diethyl Ether	3.971	74	58197	19.498	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	91881	19.375	ug/l	97
10) Methyl Iodide	4.601	142	119823	18.387	ug/l	93
11) Tert butyl alcohol	5.542	59	88079	98.005	ug/l	98
12) 1,1-Dichloroethene	4.348	96	85404	18.617	ug/l	98
13) Acrolein	4.189	56	88895	100.535	ug/l	93
14) Allyl chloride	5.036	41	122544	19.550	ug/l	95
15) Acrylonitrile	5.736	53	225875	99.472	ug/l	98
16) Acetone	4.442	43	170510	93.920	ug/l	97
17) Carbon Disulfide	4.724	76	224938	16.957	ug/l	98
18) Methyl Acetate	5.042	43	151638	19.731	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	295679	19.563	ug/l	98
20) Methylene Chloride	5.289	84	107712	19.949	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	96568	18.681	ug/l	94
22) Diisopropyl ether	6.683	45	282434	20.123	ug/l #	92
23) Vinyl Acetate	6.618	43	884136	99.085	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	177391	18.756	ug/l	95
25) 2-Butanone	7.494	43	289182	101.190	ug/l	94
26) 2,2-Dichloropropane	7.494	77	146032	18.879	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	114649	19.172	ug/l	92
28) Bromochloromethane	7.824	49	92143	20.685	ug/l	93
29) Tetrahydrofuran	7.853	42	184992	98.652	ug/l	86
30) Chloroform	7.977	83	189351	19.230	ug/l	93
31) Cyclohexane	8.265	56	144504	18.346	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	170659	19.332	ug/l	99
36) 1,1-Dichloropropene	8.377	75	135931	18.739	ug/l	97
37) Ethyl Acetate	7.571	43	120479	19.924	ug/l	94
38) Carbon Tetrachloride	8.371	117	147331	18.688	ug/l	95
39) Methylcyclohexane	9.606	83	127394	19.240	ug/l	94
40) Benzene	8.612	78	414051	19.267	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	64715	20.993	ug/l	92
42) 1,2-Dichloroethane	8.677	62	146637	20.061	ug/l	99
43) Isopropyl Acetate	8.694	43	205802	20.672	ug/l	95
44) Trichloroethene	9.359	130	109221	18.857	ug/l	99
45) 1,2-Dichloropropane	9.630	63	108100	19.861	ug/l	98
46) Dibromomethane	9.718	93	78028	20.368	ug/l	93
47) Bromodichloromethane	9.894	83	154348	20.099	ug/l	97
48) Methyl methacrylate	9.688	41	94996	20.596	ug/l	85
49) 1,4-Dioxane	9.700	88	41568	413.256	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	619046	104.538	ug/l	93
52) Toluene	10.635	92	266404	20.001	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	157341	20.000	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	171862	20.494	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	108698	20.713	ug/l	94
56) Ethyl methacrylate	10.877	69	149087	20.324	ug/l	90
57) 1,3-Dichloropropane	11.171	76	175546	19.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	258023	98.699	ug/l	93
59) 2-Hexanone	11.200	43	433949	103.109	ug/l	91
60) Dibromochloromethane	11.365	129	114974	19.846	ug/l	98
61) 1,2-Dibromoethane	11.477	107	110611	20.461	ug/l	100
64) Tetrachloroethene	11.112	164	98022	19.857	ug/l	95
65) Chlorobenzene	11.894	112	276345	18.829	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	110706	19.608	ug/l	97
67) Ethyl Benzene	11.971	91	465678	18.771	ug/l	97
68) m/p-Xylenes	12.076	106	364241	39.711	ug/l	99
69) o-Xylene	12.406	106	178104	19.224	ug/l	98
70) Styrene	12.418	104	284938	19.659	ug/l	98
71) Bromoform	12.582	173	75805	19.825	ug/l #	100
73) Isopropylbenzene	12.700	105	438102	17.974	ug/l	99
74) N-amyl acetate	12.500	43	148249	17.649	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	152188	20.530	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	119848m	19.115	ug/l	
77) Bromobenzene	12.988	156	106219	19.084	ug/l	97
78) n-propylbenzene	13.041	91	480907	18.449	ug/l	99
79) 2-Chlorotoluene	13.129	91	311708	18.256	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	349226	18.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	49492	20.743	ug/l #	89
82) 4-Chlorotoluene	13.229	91	286645	17.997	ug/l	98
83) tert-Butylbenzene	13.441	119	293166	17.930	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	349302	18.673	ug/l	100
85) sec-Butylbenzene	13.623	105	380394	18.406	ug/l	100
86) p-Isopropyltoluene	13.735	119	298855	18.009	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	177300	18.948	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	169968	18.034	ug/l	97
89) n-Butylbenzene	14.065	91	217479	18.316	ug/l	97
90) Hexachloroethane	14.335	117	59640	19.048	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	177152	19.024	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23415	18.871	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	49602	16.690	ug/l	99
94) Hexachlorobutadiene	15.506	225	30399	17.044	ug/l	96
95) Naphthalene	15.647	128	147935	14.561	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	57586	16.852	ug/l	99

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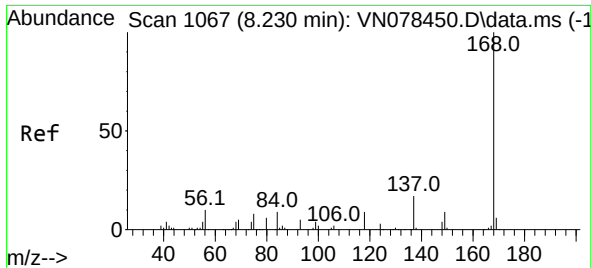
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

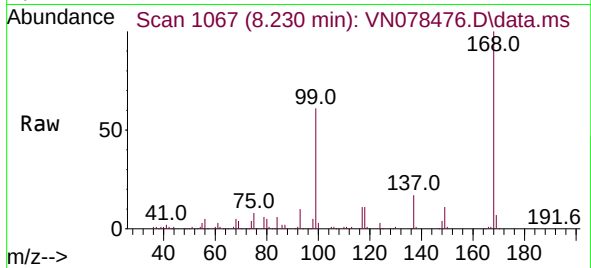
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078476.D
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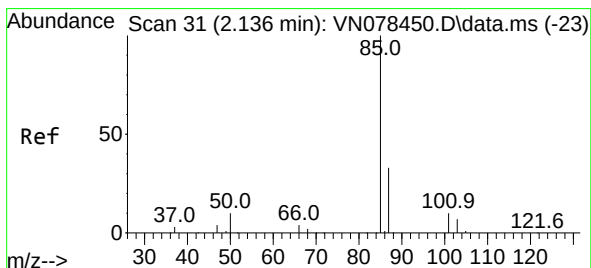
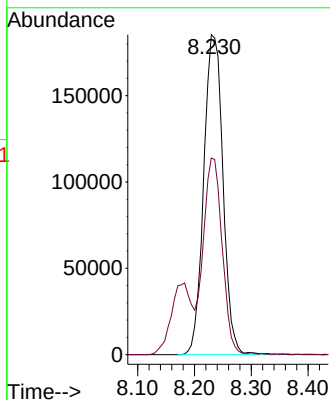
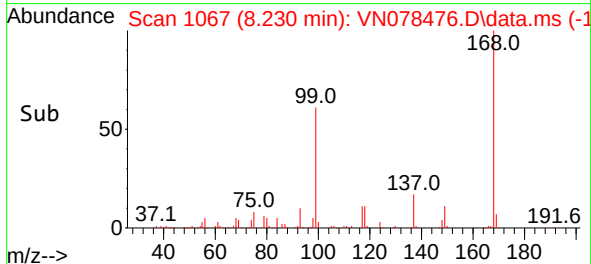
Instrument :
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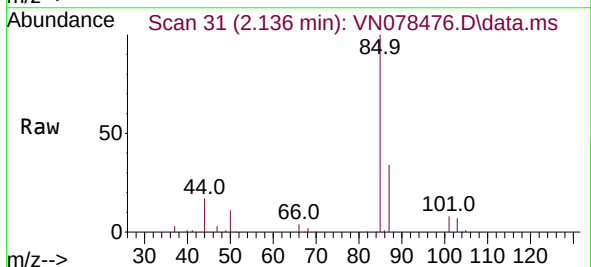
Tgt Ion:168 Resp: 43474
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6

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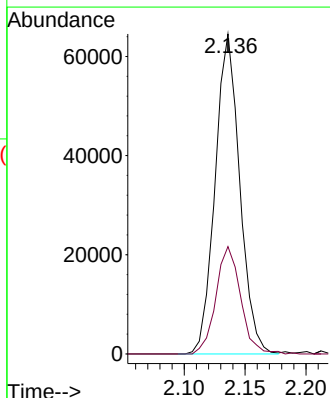
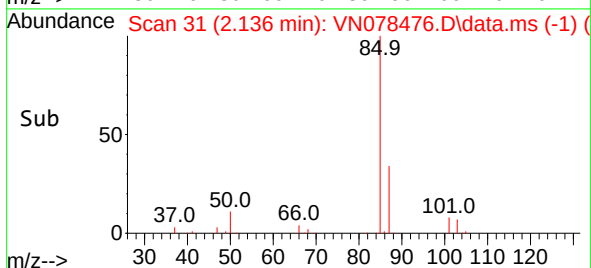
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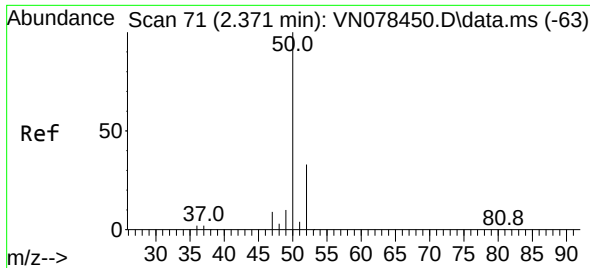


#2
Dichlorodifluoromethane
Concen: 17.051 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



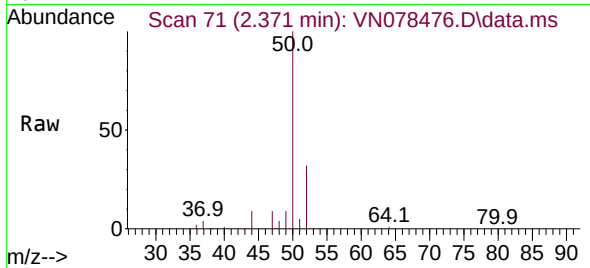
Tgt Ion: 85 Resp: 90887
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 18.098 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

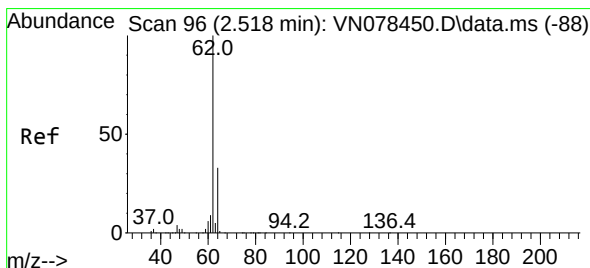
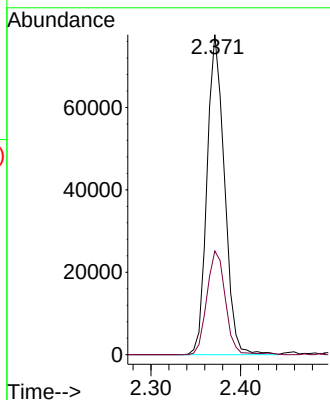
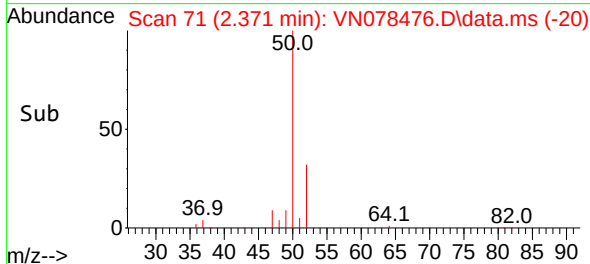
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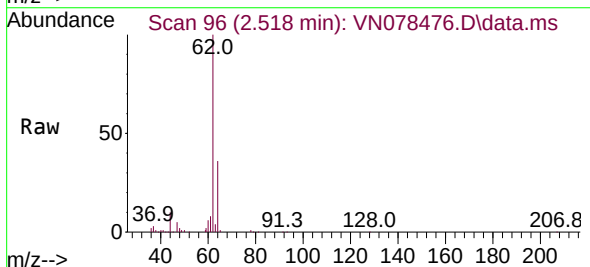
Tgt Ion: 50 Resp: 104850
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

Manual Integrations
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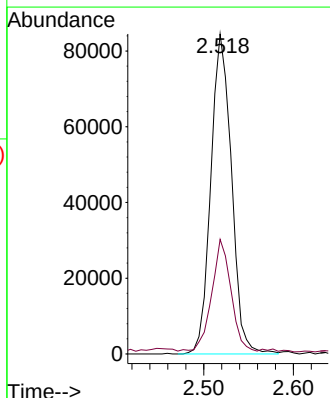
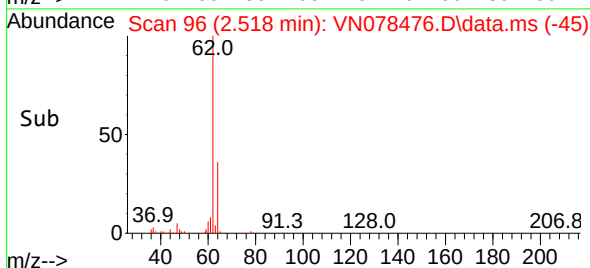
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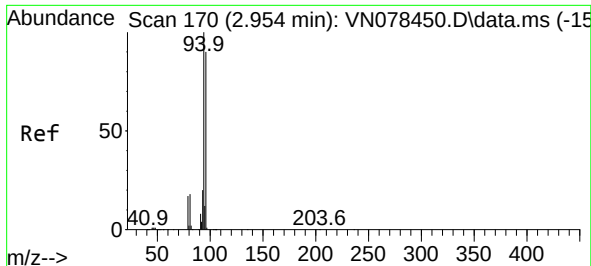


#4
Vinyl Chloride
Concen: 18.036 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



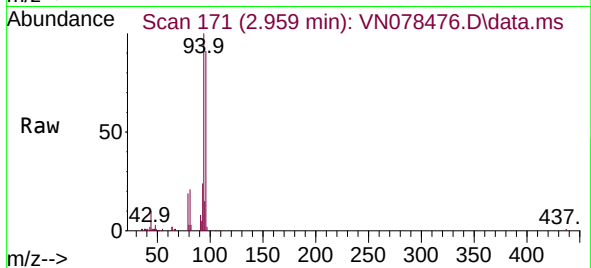
Tgt Ion: 62 Resp: 135169
Ion Ratio Lower Upper
62 100
64 34.9 26.2 39.2





#5
Bromomethane
Concen: 16.732 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

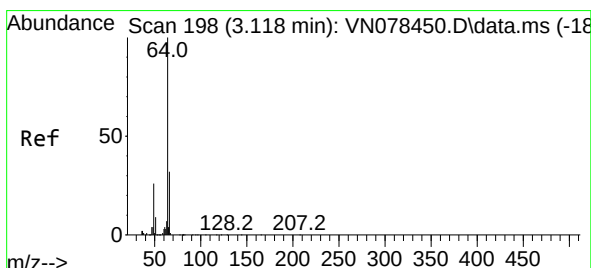
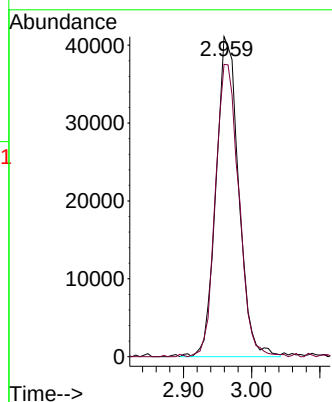
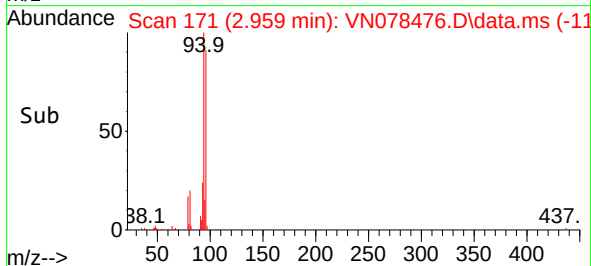
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Tgt Ion: 94 Resp: 9499
Ion Ratio Lower Upper
94 100
96 90.7 73.1 109.7

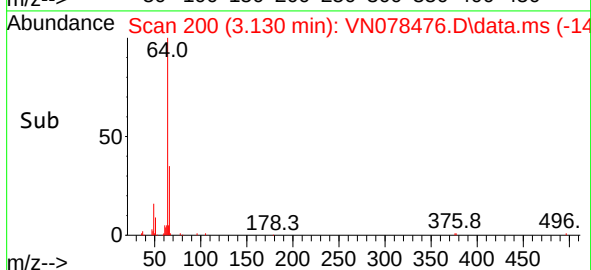
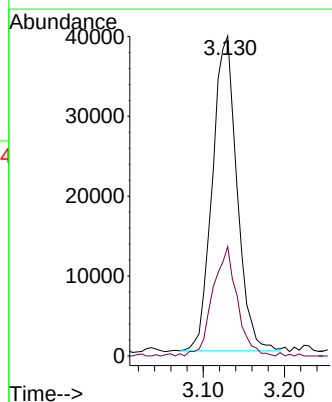
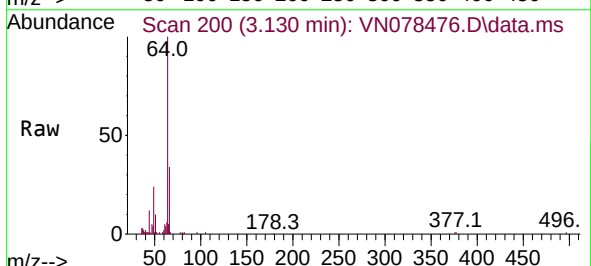
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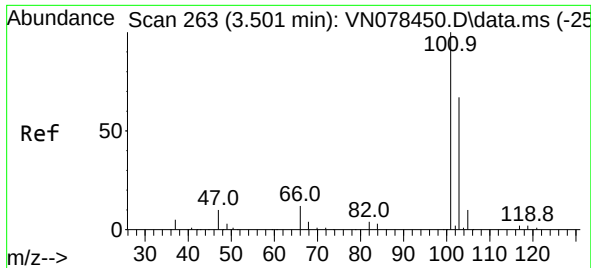
Reviewed By :John Carlone 07/13/2023
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#6
Chloroethane
Concen: 17.060 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

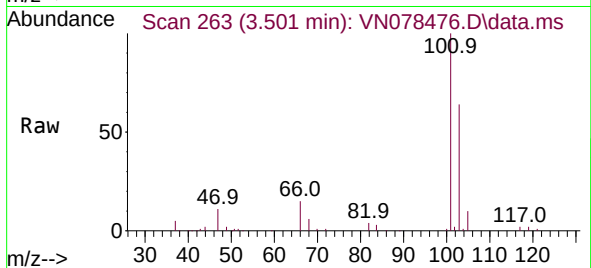
Tgt Ion: 64 Resp: 83079
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.373 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

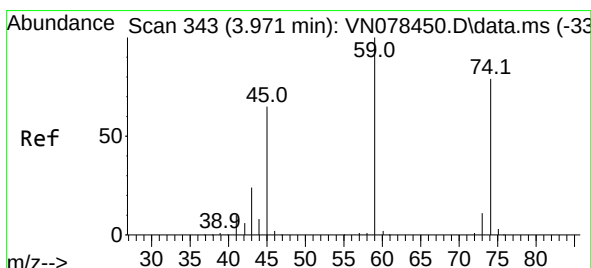
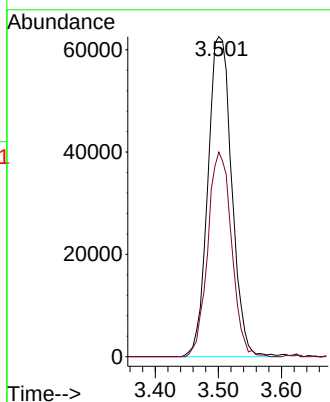
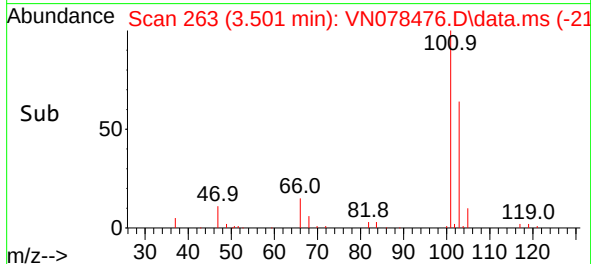
Instrument :
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Tgt Ion:101 Resp: 16460
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

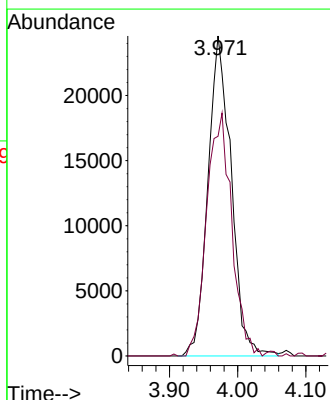
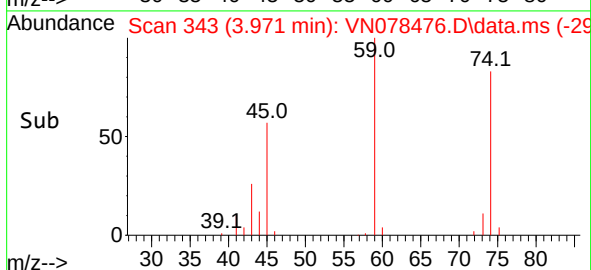
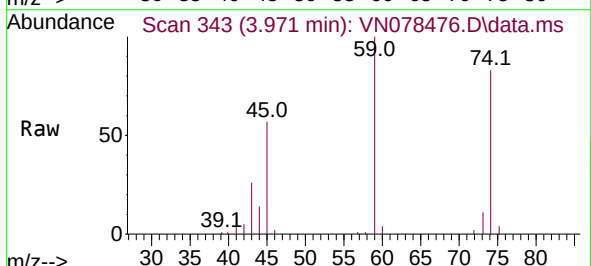
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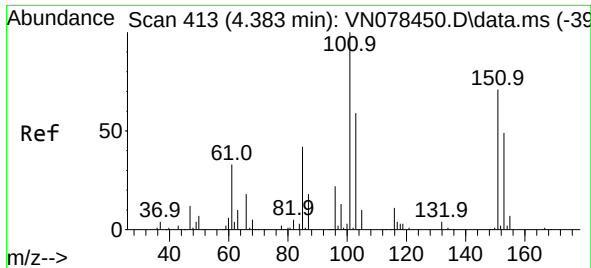
Reviewed By :John Carlone 07/13/2023
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#8
Diethyl Ether
Concen: 19.498 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 58197
Ion Ratio Lower Upper
74 100
45 81.8 34.4 103.3





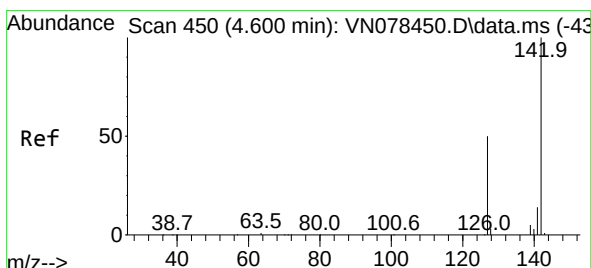
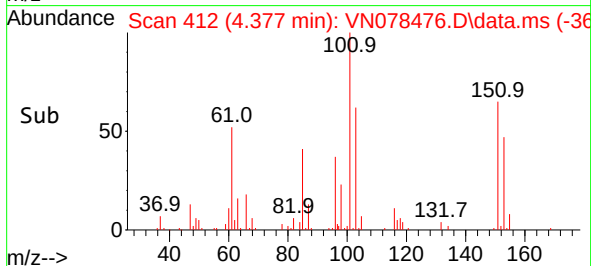
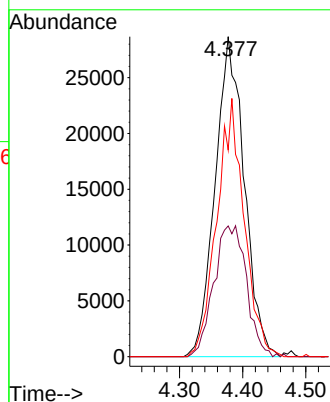
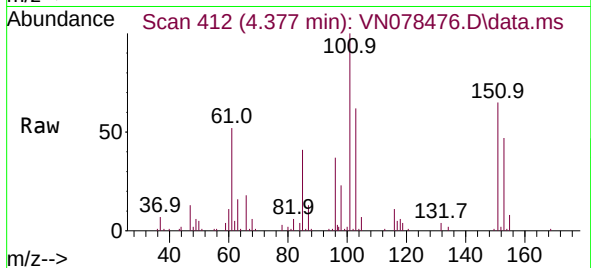
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.375 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

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MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:101 Resp: 9188
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 75.7 57.6 86.4

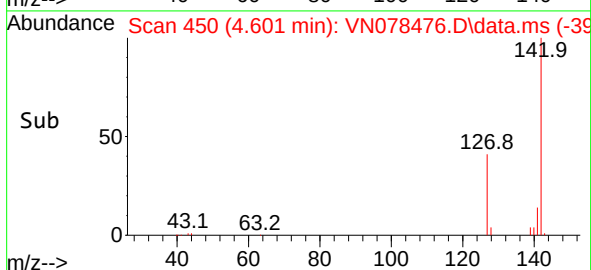
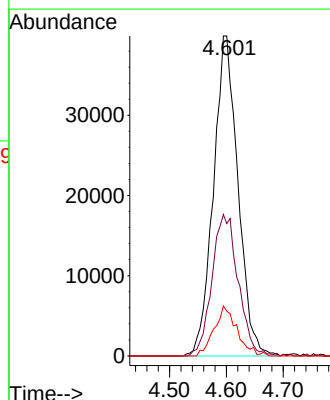
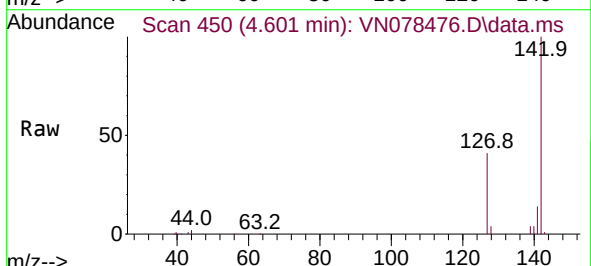
Manual Integrations
APPROVED

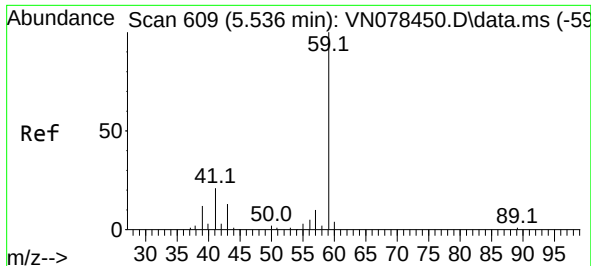
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#10
Methyl Iodide
Concen: 18.387 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.001 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

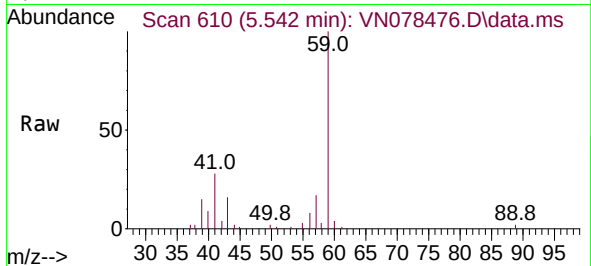
Tgt Ion:142 Resp: 119823
Ion Ratio Lower Upper
142 100
127 41.4 37.6 56.4
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 98.005 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

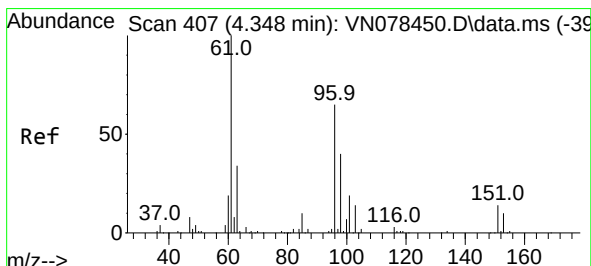
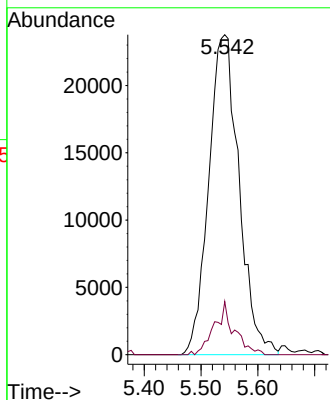
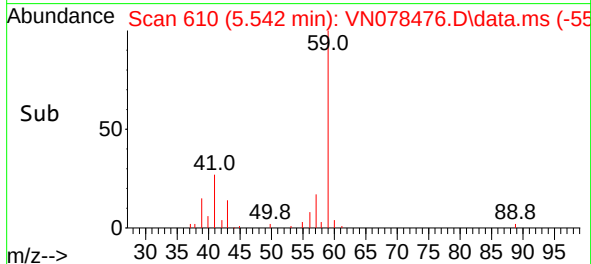
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 59 Resp: 88079
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

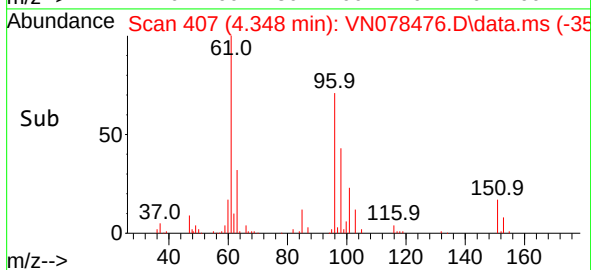
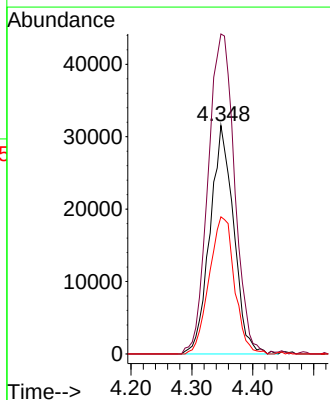
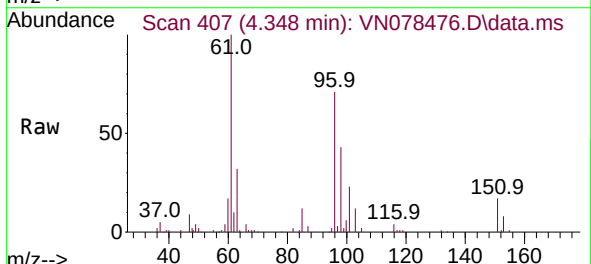
Manual Integrations
APPROVED

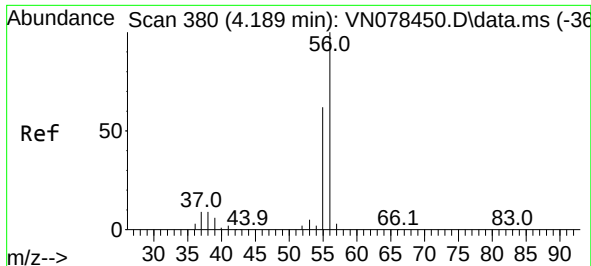
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#12
1,1-Dichloroethene
Concen: 18.617 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

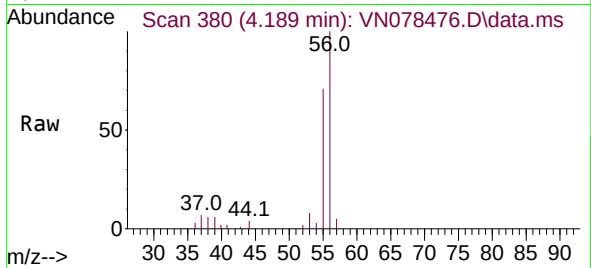
Tgt Ion: 96 Resp: 85404
Ion Ratio Lower Upper
96 100
61 140.1 112.7 169.1
98 60.0 51.2 76.8





#13
Acrolein
Concen: 100.535 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

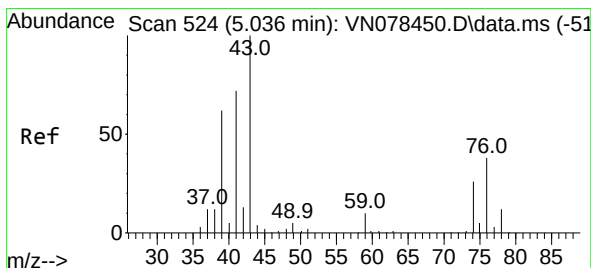
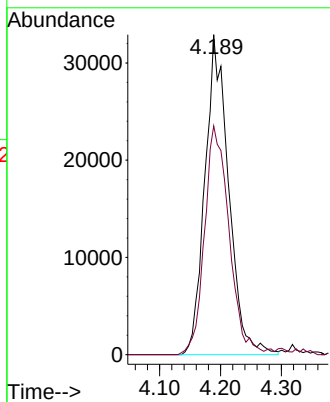
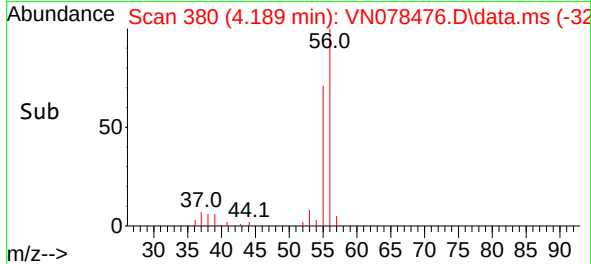
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 56 Resp: 8889
Ion Ratio Lower Upper
56 100
55 73.9 54.5 81.7

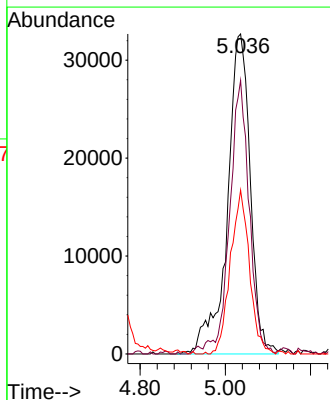
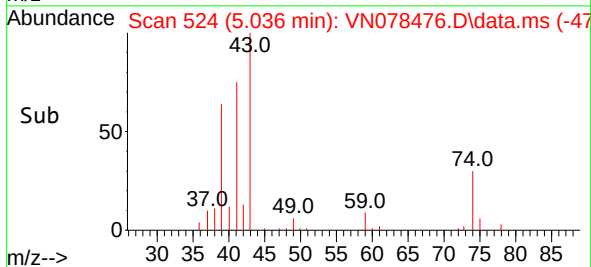
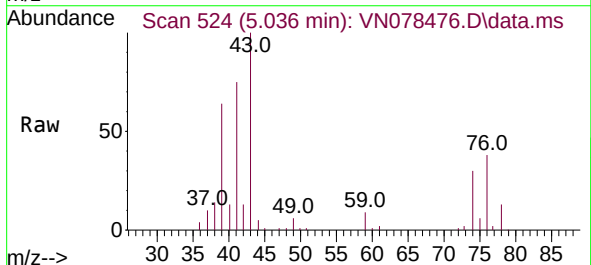
Manual Integrations
APPROVED

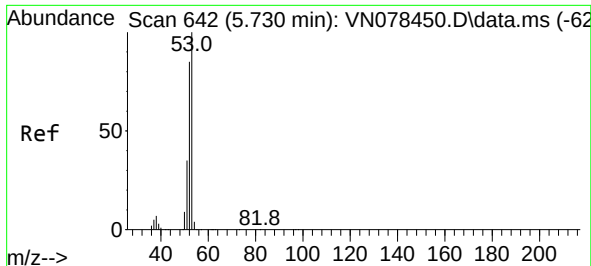
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#14
Allyl chloride
Concen: 19.550 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

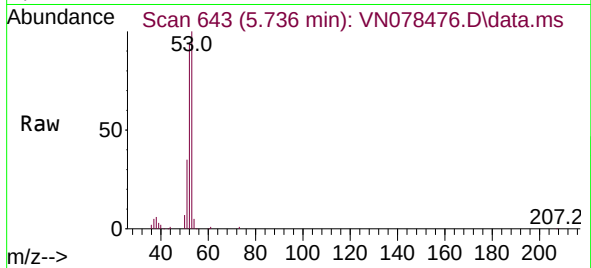
Tgt Ion: 41 Resp: 122544
Ion Ratio Lower Upper
41 100
39 72.3 58.8 88.2
76 42.3 39.1 58.7





#15
Acrylonitrile
Concen: 99.472 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

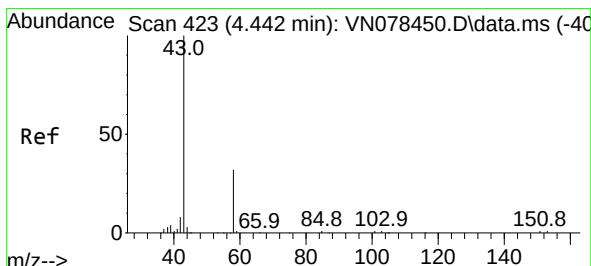
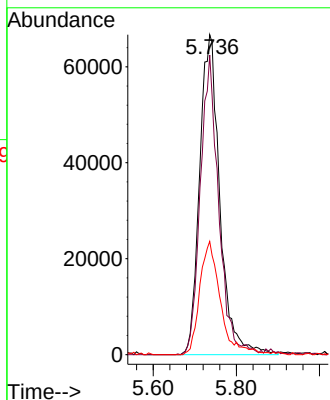
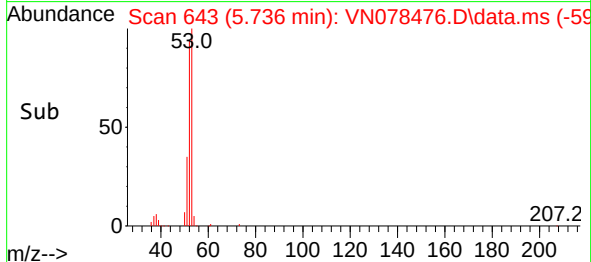
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



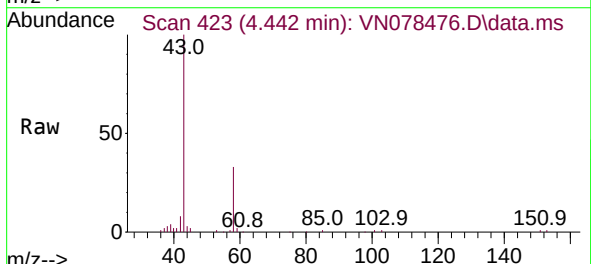
Tgt Ion: 53 Resp: 225875
Ion Ratio Lower Upper
53 100
52 84.6 65.3 97.9
51 36.1 28.9 43.3

Manual Integrations
APPROVED

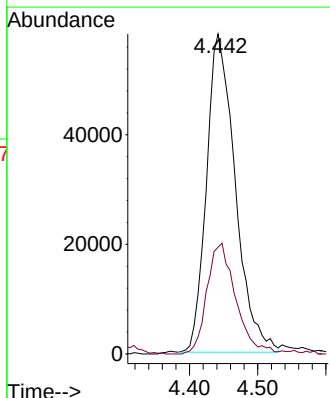
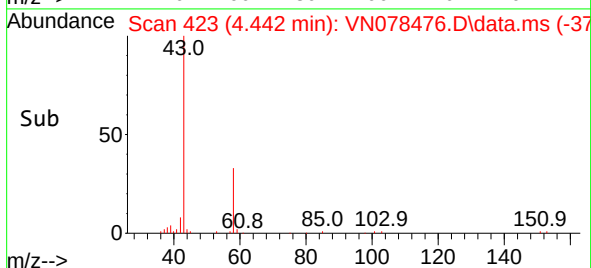
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

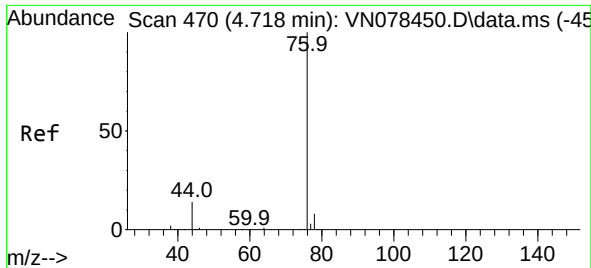


#16
Acetone
Concen: 93.920 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



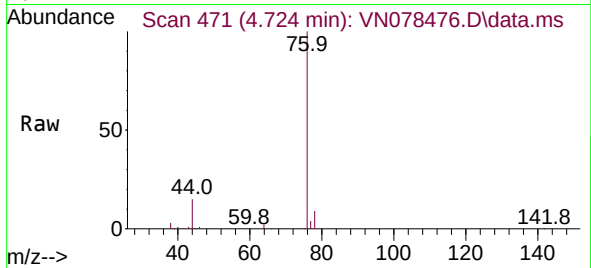
Tgt Ion: 43 Resp: 170510
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0





#17
Carbon Disulfide
Concen: 16.957 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

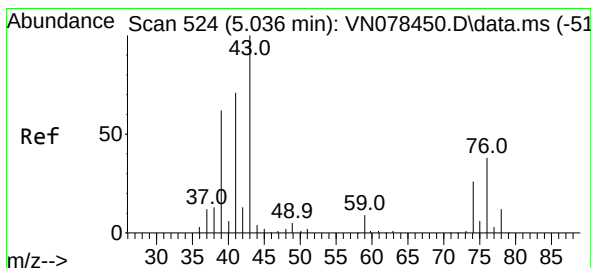
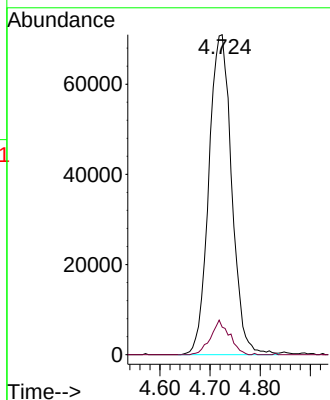
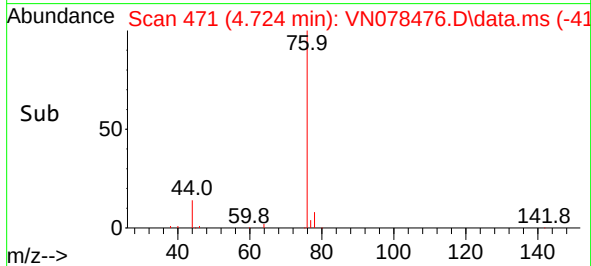
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



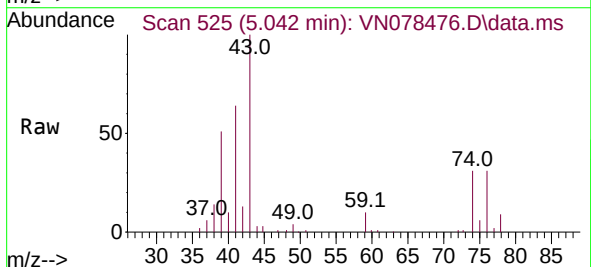
Tgt Ion: 76 Resp: 224938
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
APPROVED

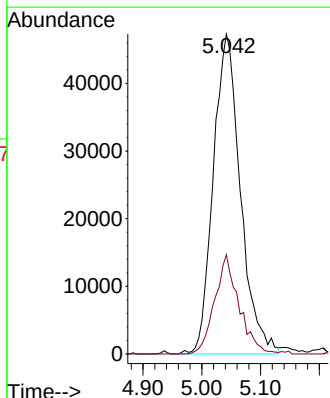
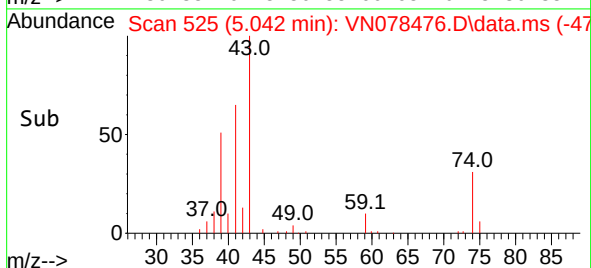
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

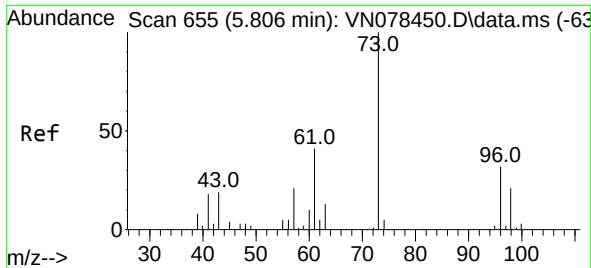


#18
Methyl Acetate
Concen: 19.731 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



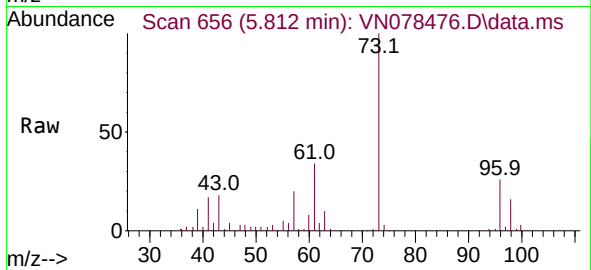
Tgt Ion: 43 Resp: 151638
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.563 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

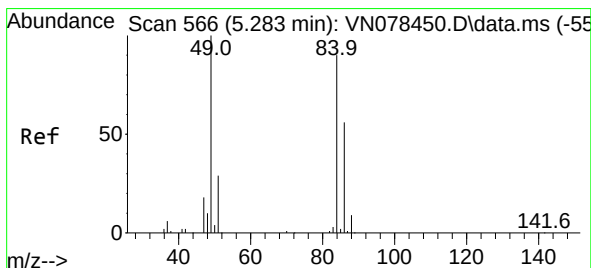
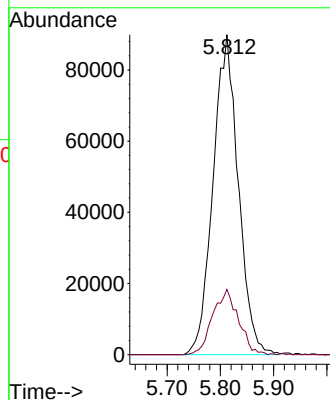
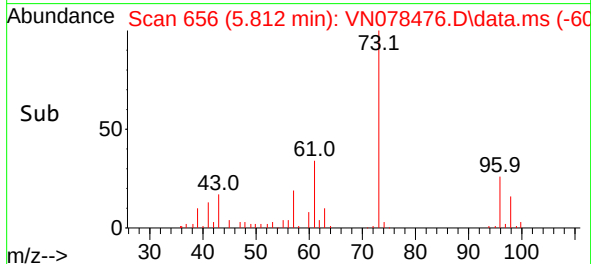
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 73 Resp: 295679
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4

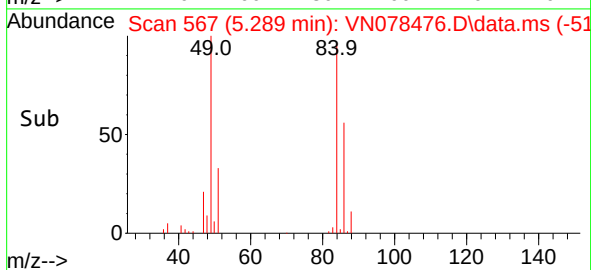
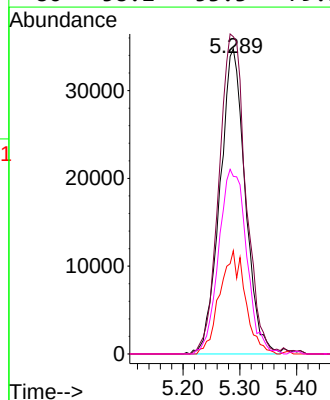
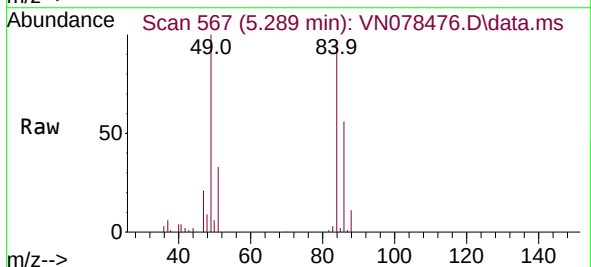
Manual Integrations
APPROVED

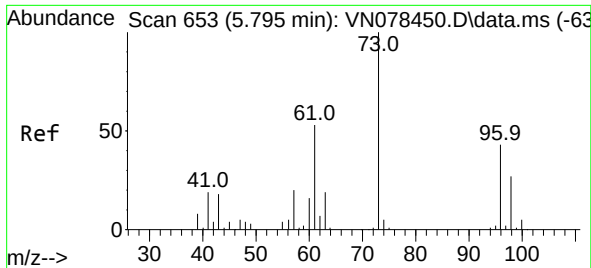
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#20
Methylene Chloride
Concen: 19.949 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

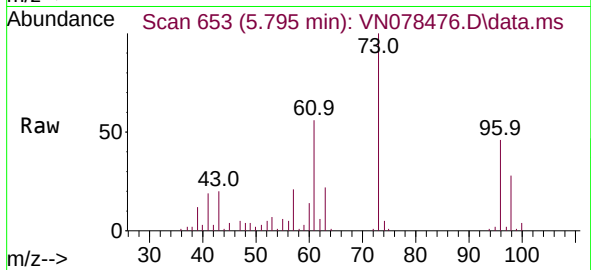
Tgt Ion: 84 Resp: 107712
Ion Ratio Lower Upper
84 100
49 104.0 79.7 119.5
51 33.8 25.2 37.8
86 58.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.681 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

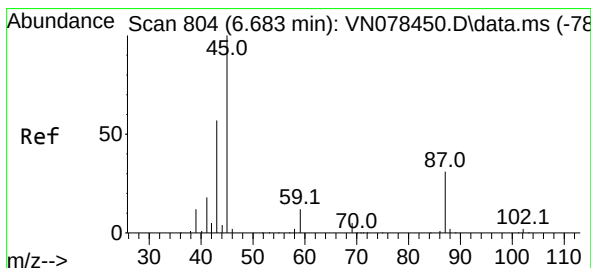
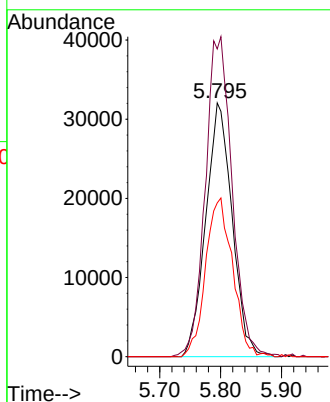
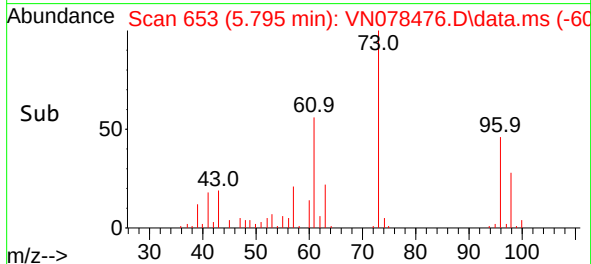
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 96 Resp: 96568
Ion Ratio Lower Upper
96 100
61 120.4 90.1 135.1
98 60.6 46.4 69.6

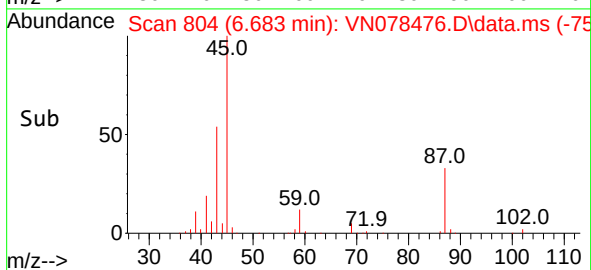
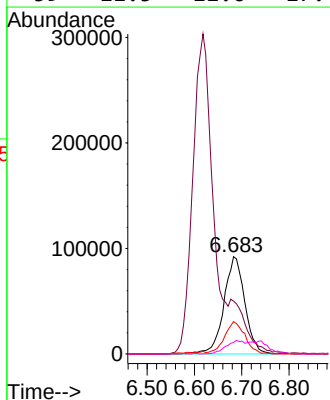
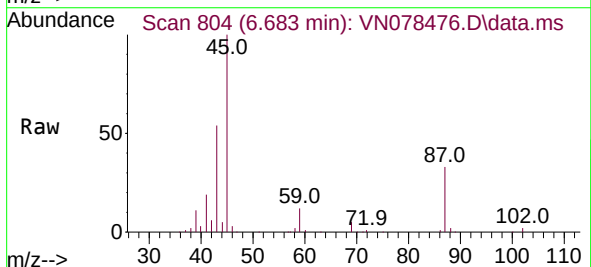
Manual Integrations
APPROVED

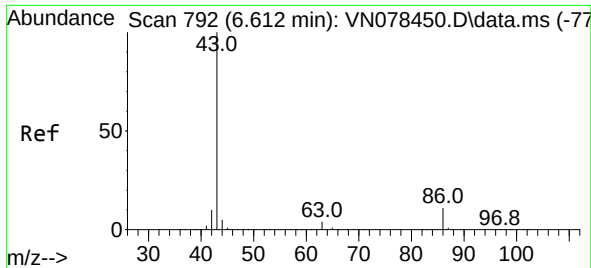
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#22
Diisopropyl ether
Concen: 20.123 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

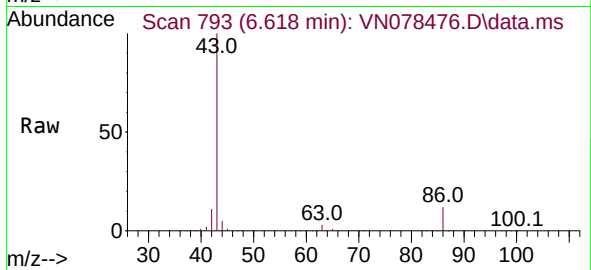
Tgt Ion: 45 Resp: 282434
Ion Ratio Lower Upper
45 100
43 52.3 45.5 68.3
87 33.2 31.8 47.8
59 11.5 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 99.085 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078476.D
 Acq: 12 Jul 2023 12:40

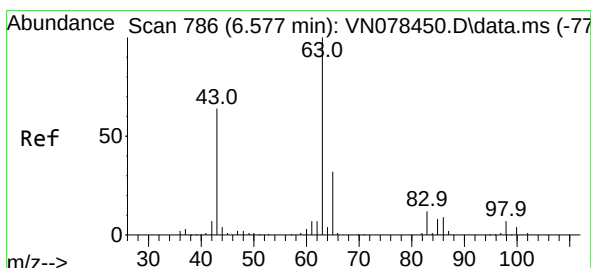
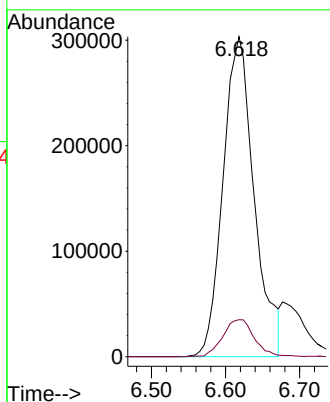
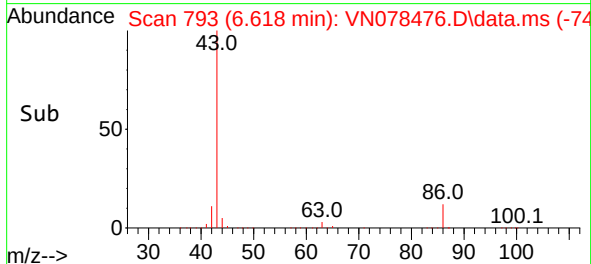
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



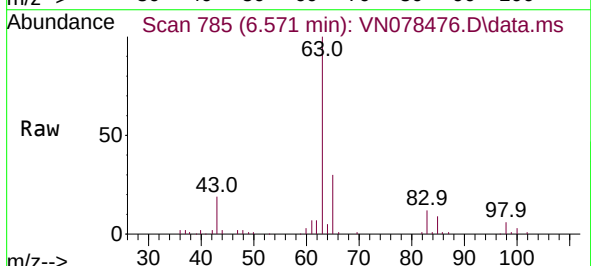
Tgt Ion: 43 Resp: 884130
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
 APPROVED

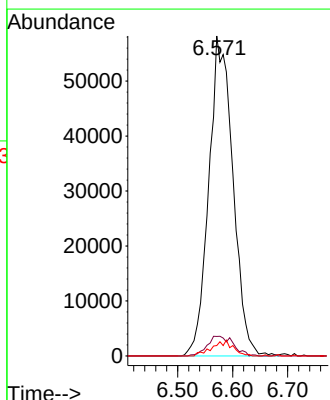
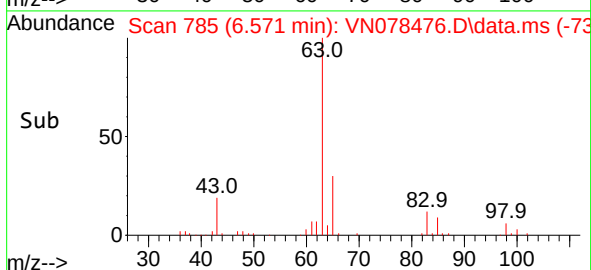
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023

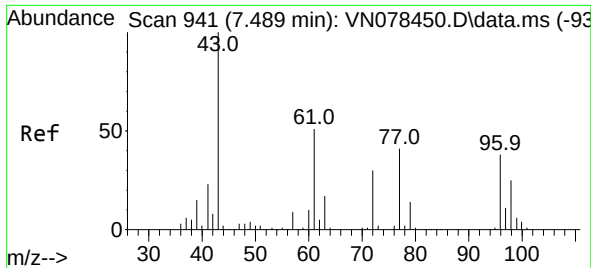


#24
 1,1-Dichloroethane
 Concen: 18.756 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078476.D
 Acq: 12 Jul 2023 12:40



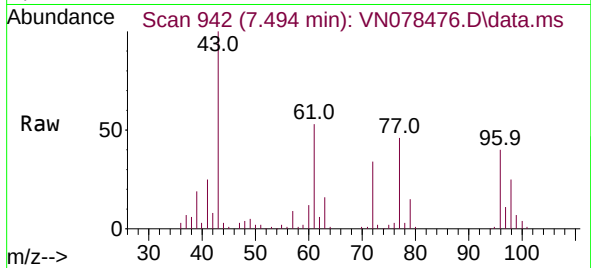
Tgt Ion: 63 Resp: 177391
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 3.3 2.5 7.4





#25
2-Butanone
Concen: 101.190 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

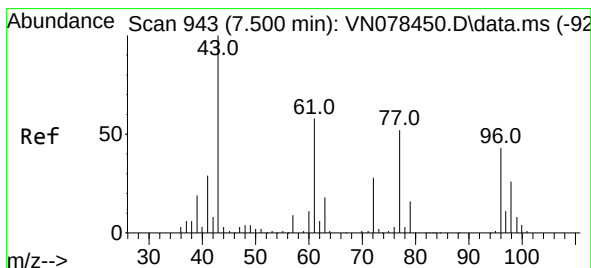
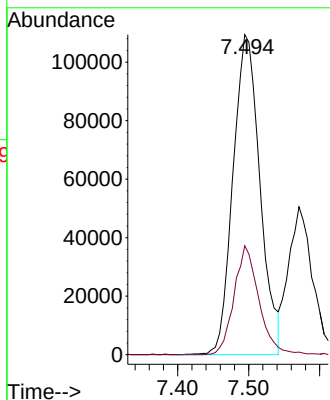
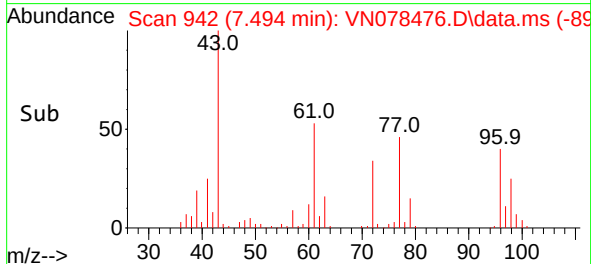
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 43 Resp: 28918
Ion Ratio Lower Upper
43 100
72 34.0 30.2 45.2

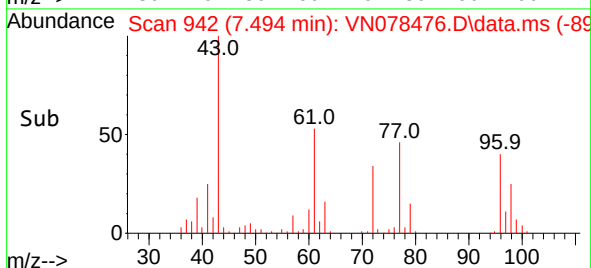
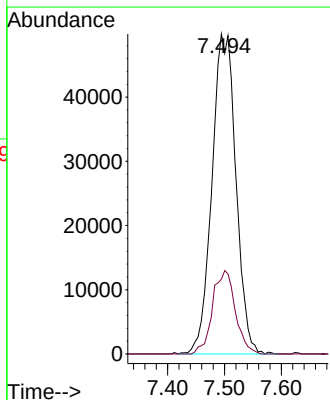
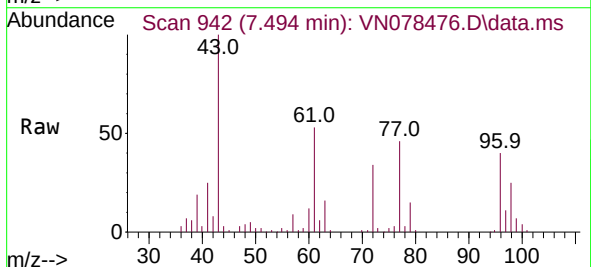
Manual Integrations
APPROVED

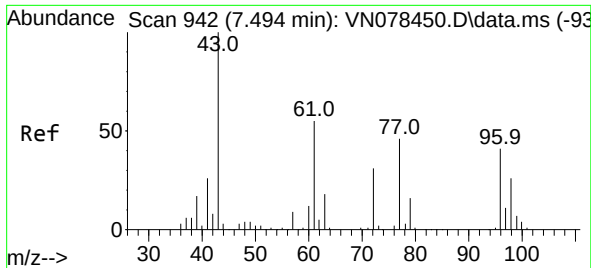
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#26
2,2-Dichloropropane
Concen: 18.879 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

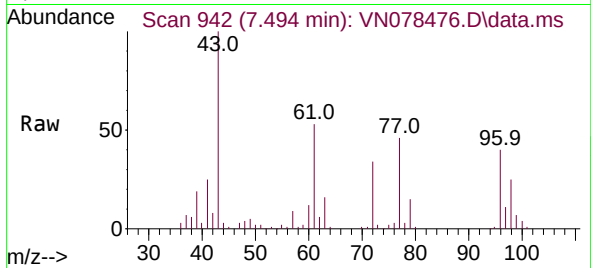
Tgt Ion: 77 Resp: 146032
Ion Ratio Lower Upper
77 100
97 24.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.172 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078476.D
 Acq: 12 Jul 2023 12:40

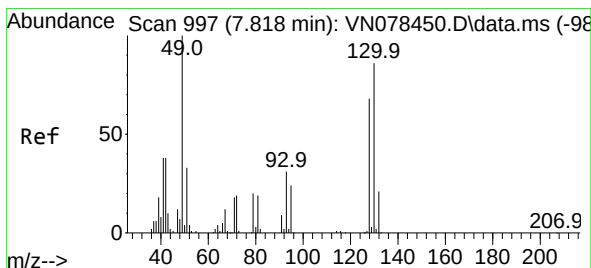
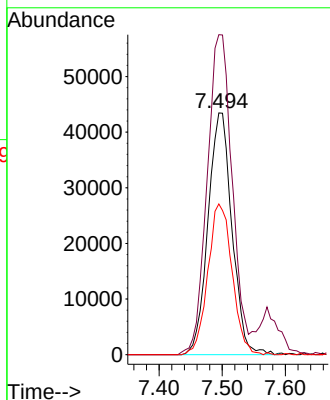
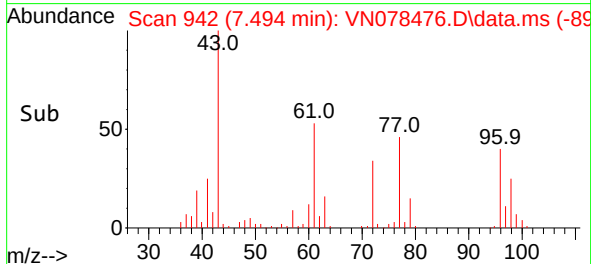
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



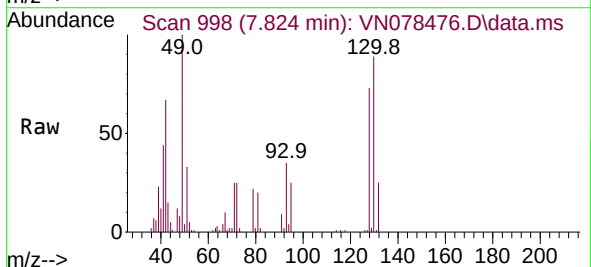
Tgt Ion: 96 Resp: 114649
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 255.2
 98 63.0 0.0 128.8

Manual Integrations
 APPROVED

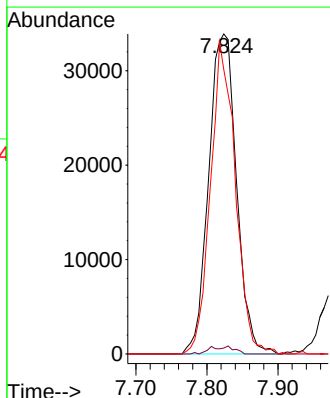
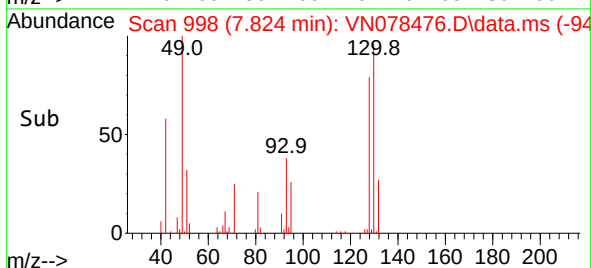
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023

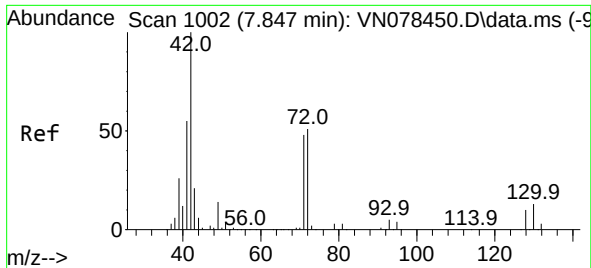


#28
 Bromochloromethane
 Concen: 20.685 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078476.D
 Acq: 12 Jul 2023 12:40



Tgt Ion: 49 Resp: 92143
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 87.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 98.652 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 42 Resp: 184992

Ion Ratio Lower Upper

42 100

72 52.1 49.8 74.6

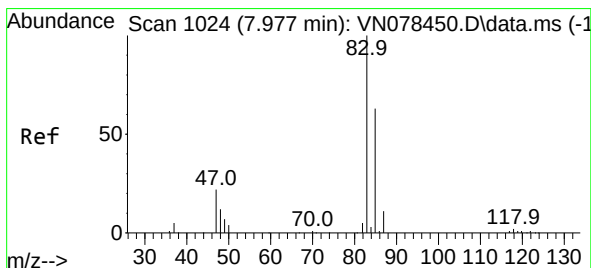
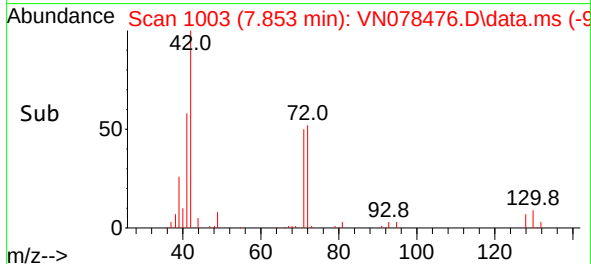
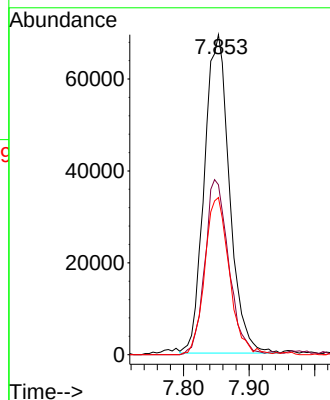
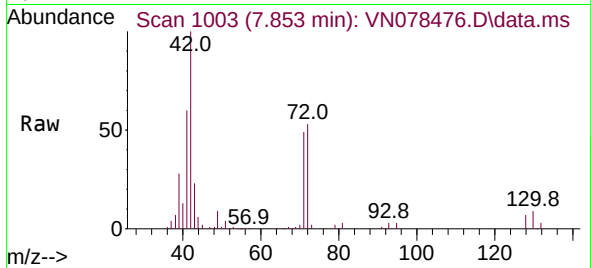
71 48.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#30

Chloroform

Concen: 19.230 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078476.D

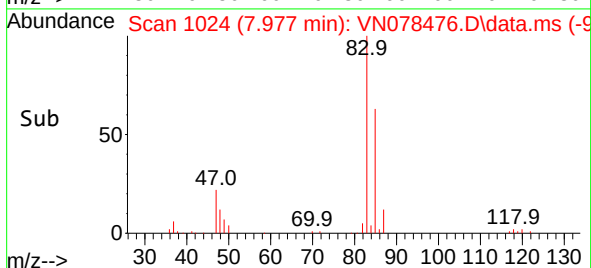
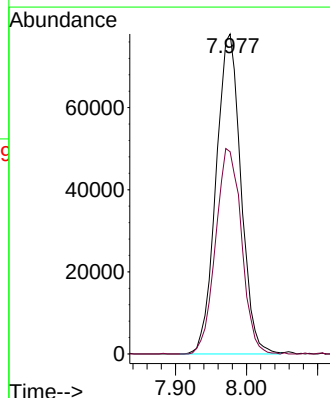
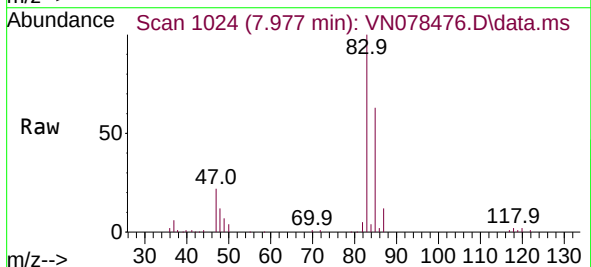
Acq: 12 Jul 2023 12:40

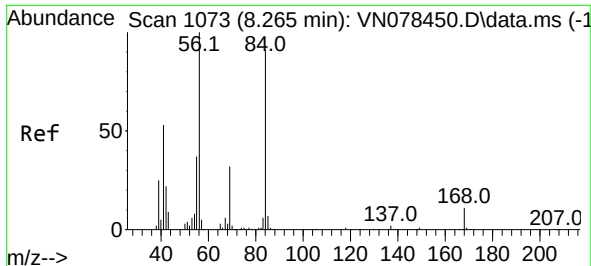
Tgt Ion: 83 Resp: 189351

Ion Ratio Lower Upper

83 100

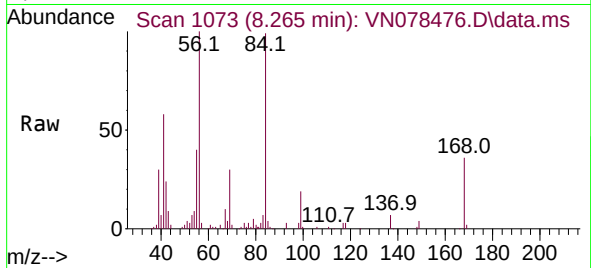
85 63.2 55.4 83.0





#31
Cyclohexane
Concen: 18.346 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

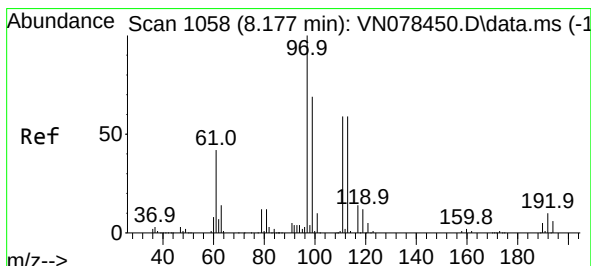
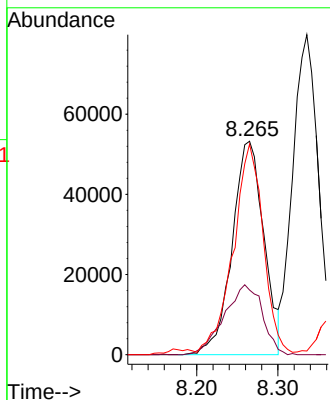
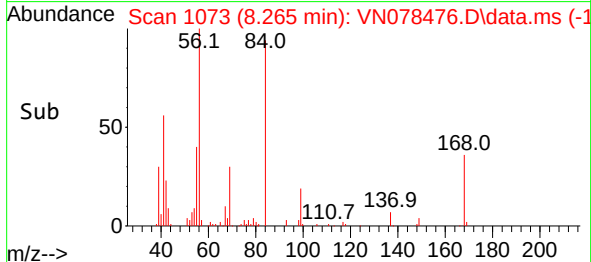
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 56 Resp: 144504
Ion Ratio Lower Upper
56 100
69 30.3 26.8 40.2
84 96.3 81.8 122.6

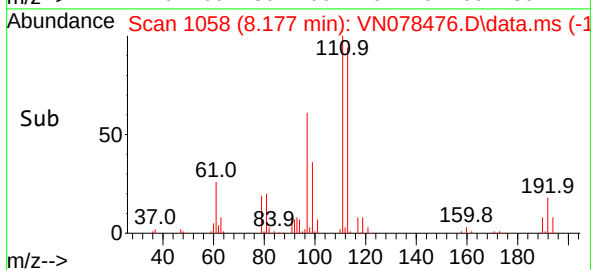
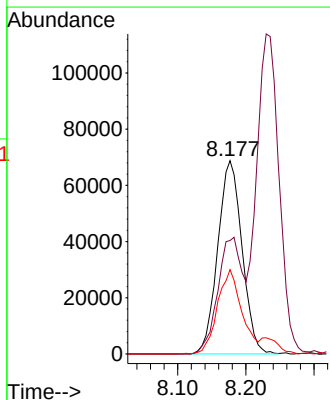
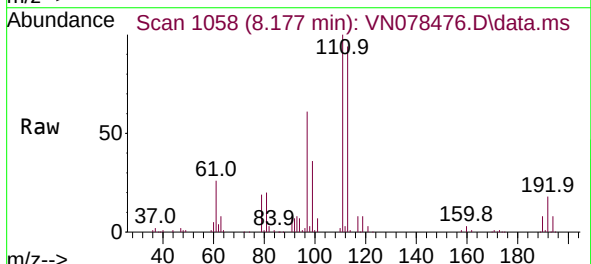
Manual Integrations
APPROVED

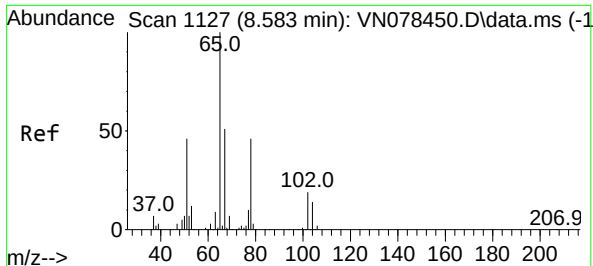
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#32
1,1,1-Trichloroethane
Concen: 19.332 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Tgt Ion: 97 Resp: 170659
Ion Ratio Lower Upper
97 100
99 61.9 50.3 75.5
61 43.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.325 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 65 Resp: 304962

Ion Ratio Lower Upper

65 100

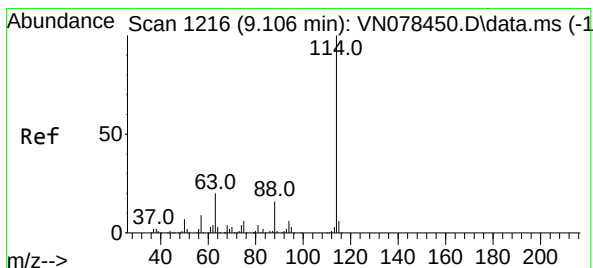
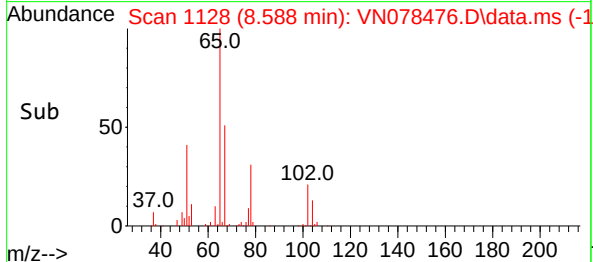
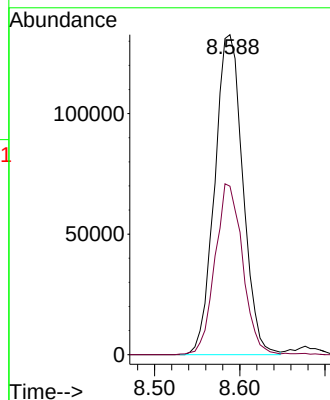
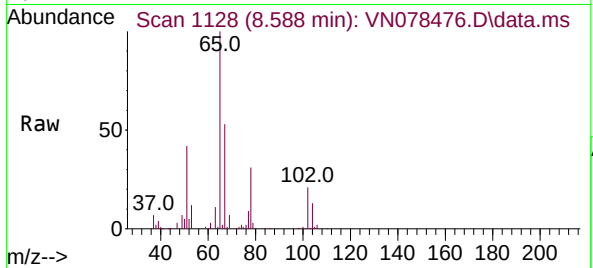
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

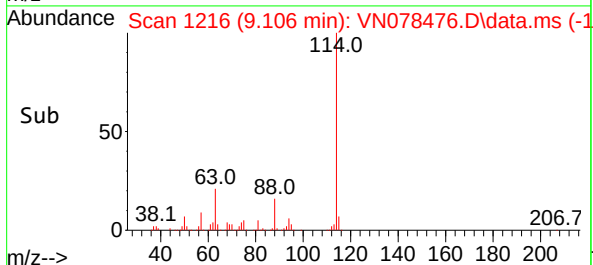
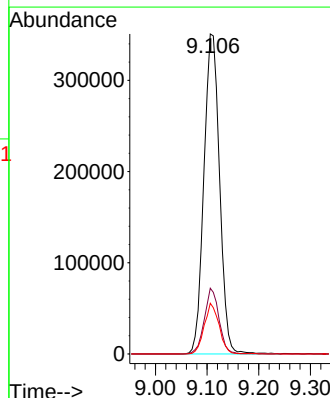
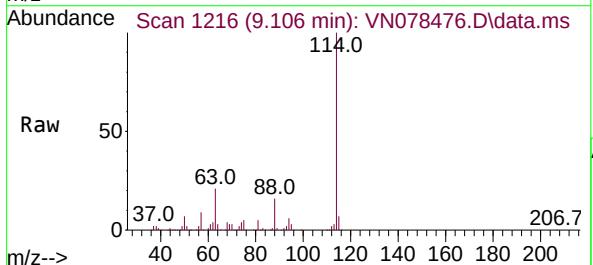
Tgt Ion:114 Resp: 740068

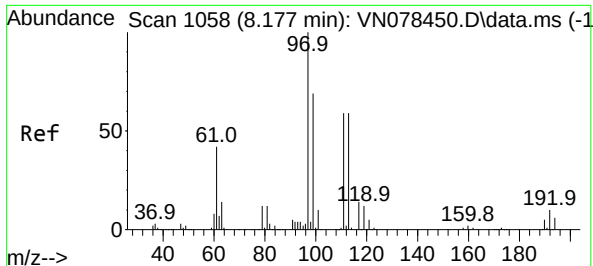
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

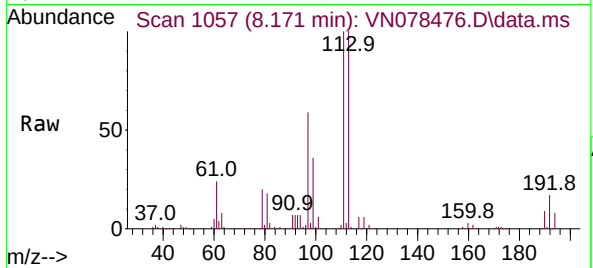
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.663 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

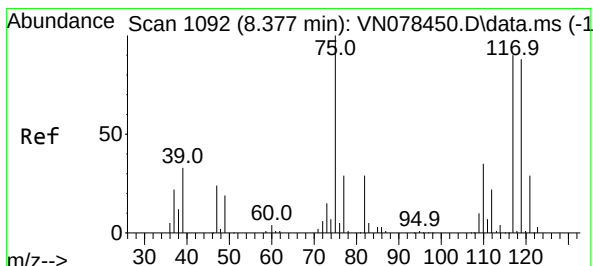
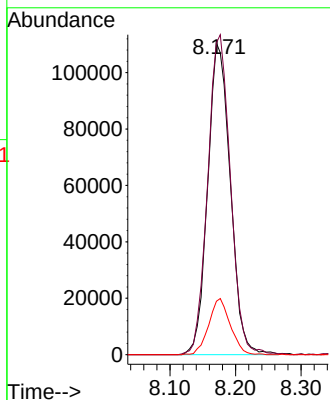
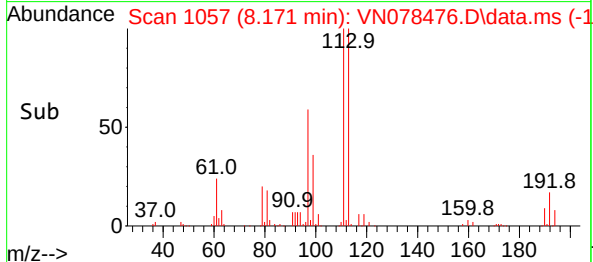
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 113 Resp: 26457
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 17.2 12.7 19.1

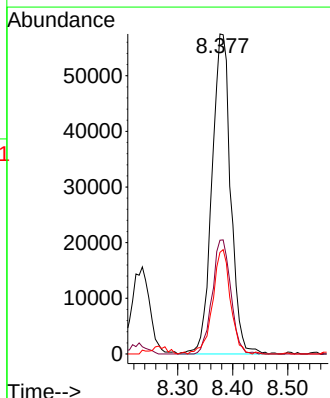
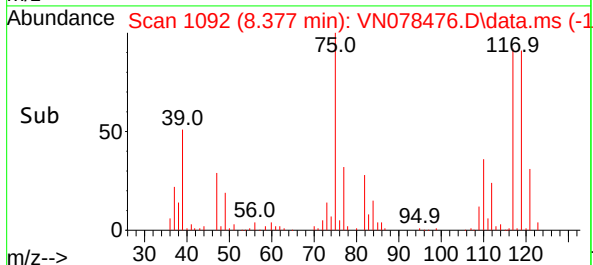
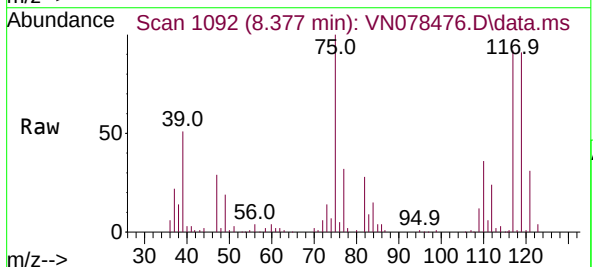
Manual Integrations
APPROVED

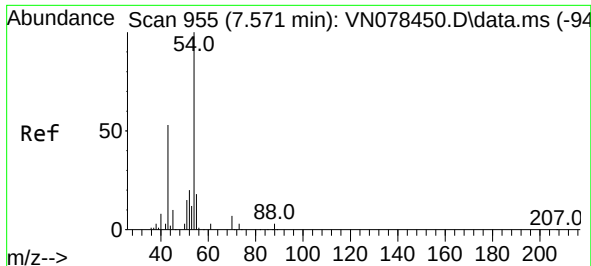
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#36
1,1-Dichloropropene
Concen: 18.739 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

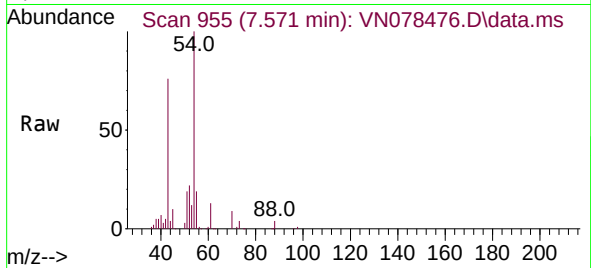
Tgt Ion: 75 Resp: 135931
Ion Ratio Lower Upper
75 100
110 35.3 19.1 57.3
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 19.924 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

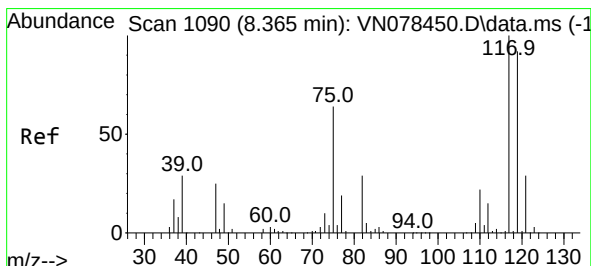
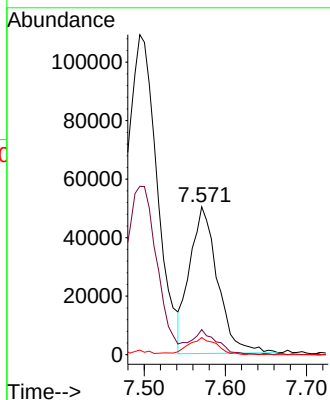
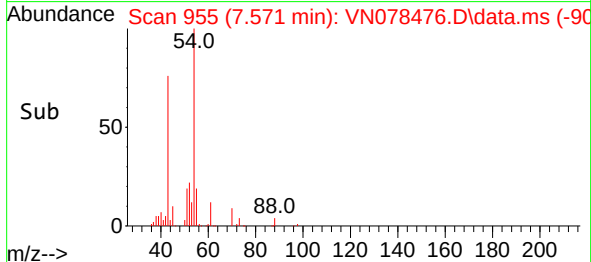
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 43 Resp: 120479
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 11.9 11.3 16.9

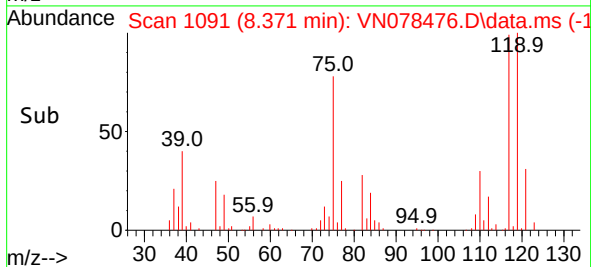
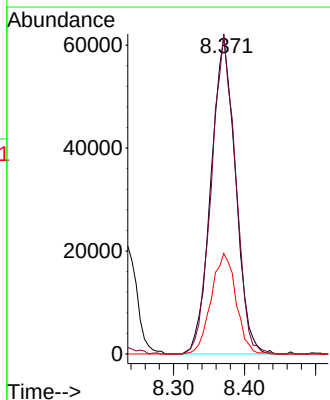
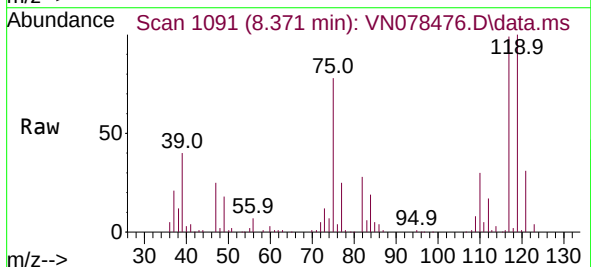
Manual Integrations
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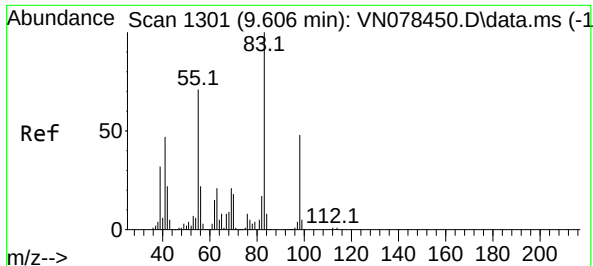
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#38
Carbon Tetrachloride
Concen: 18.688 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

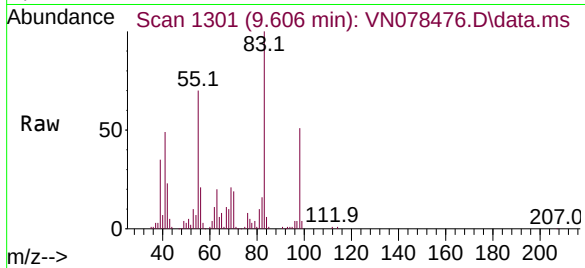
Tgt Ion:117 Resp: 147331
Ion Ratio Lower Upper
117 100
119 101.0 77.3 115.9
121 31.7 23.3 34.9





#39
Methylcyclohexane
Concen: 19.240 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

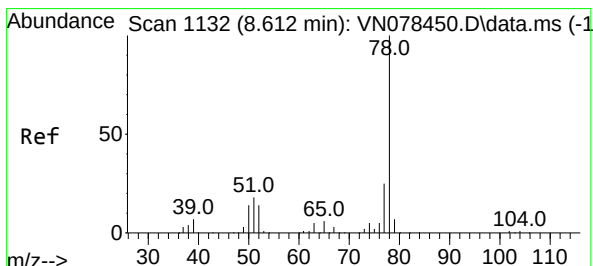
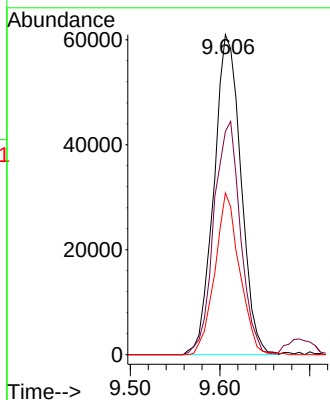
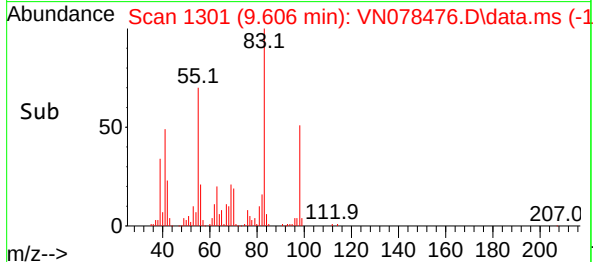
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 83 Resp: 127394
Ion Ratio Lower Upper
83 100
55 69.8 49.1 73.7
98 50.6 40.6 61.0

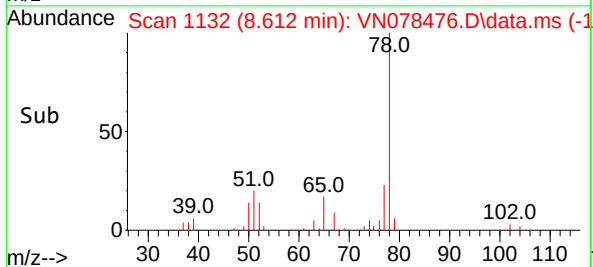
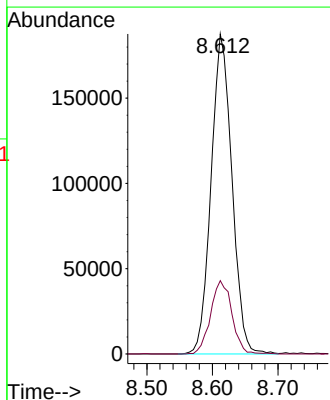
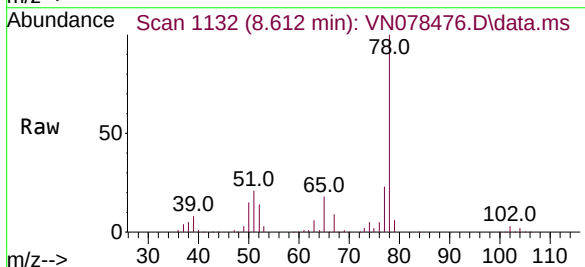
Manual Integrations
APPROVED

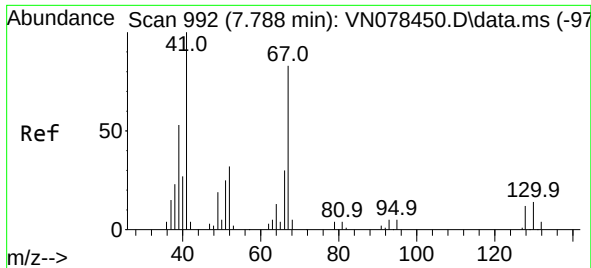
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#40
Benzene
Concen: 19.267 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

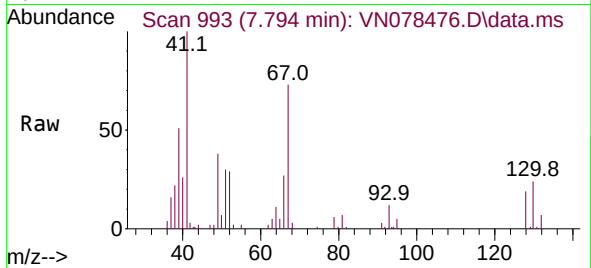
Tgt Ion: 78 Resp: 414051
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6





#41
Methacrylonitrile
Concen: 20.993 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

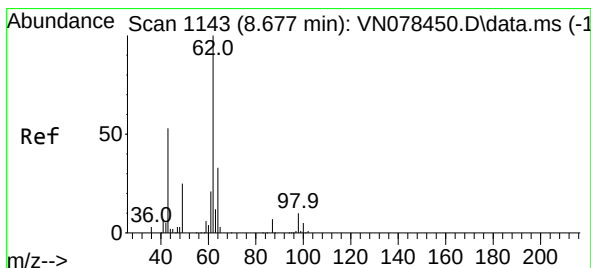
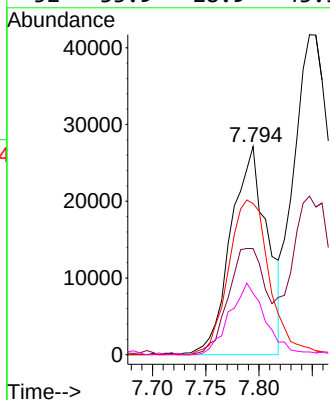
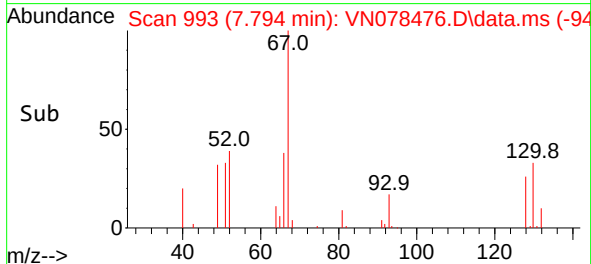
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 41 Resp: 64715
Ion Ratio Lower Upper
41 100
39 51.9 42.6 64.0
67 83.9 77.5 116.3
52 33.9 28.9 43.3

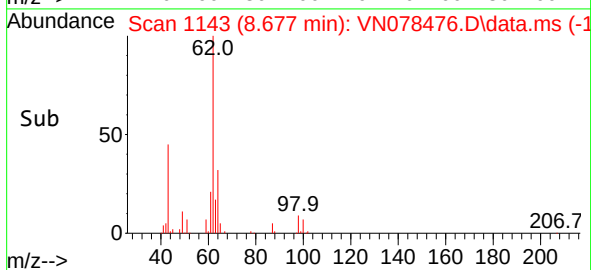
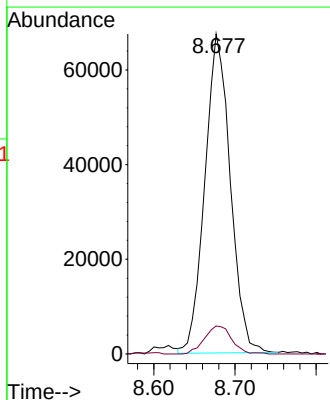
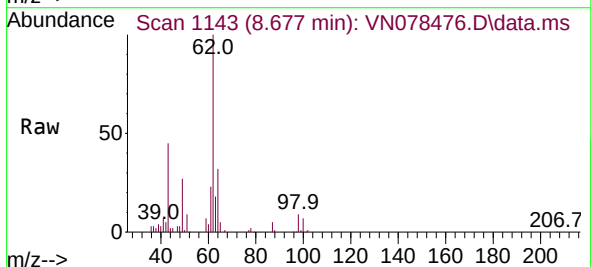
Manual Integrations
APPROVED

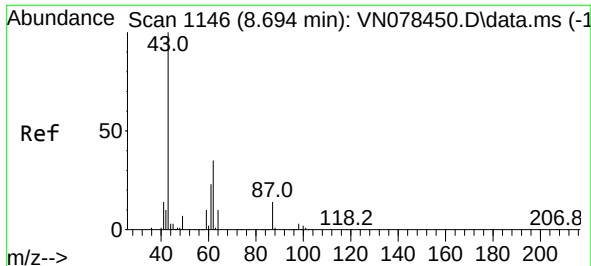
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#42
1,2-Dichloroethane
Concen: 20.061 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

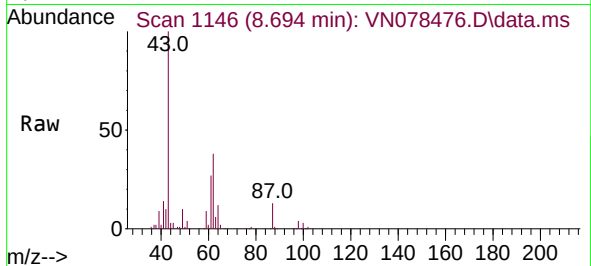
Tgt Ion: 62 Resp: 146637
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.672 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

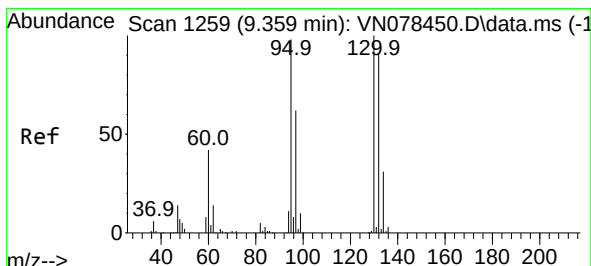
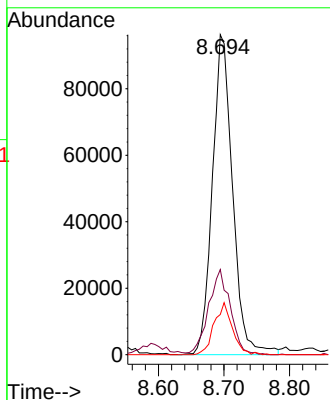
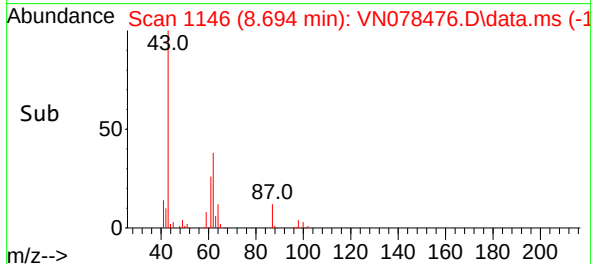
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 43 Resp: 205802
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 14.7 14.6 21.8

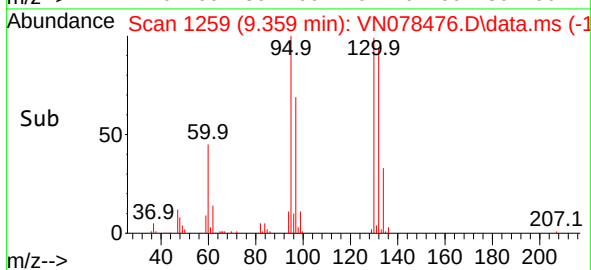
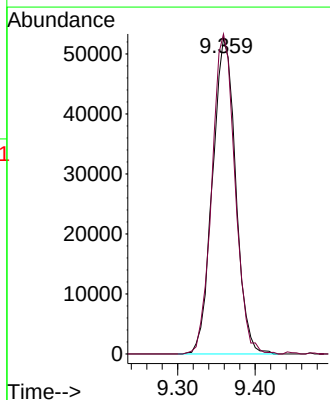
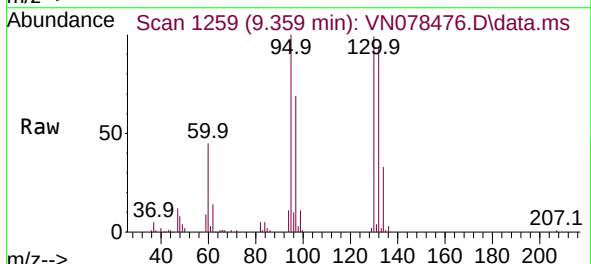
Manual Integrations
APPROVED

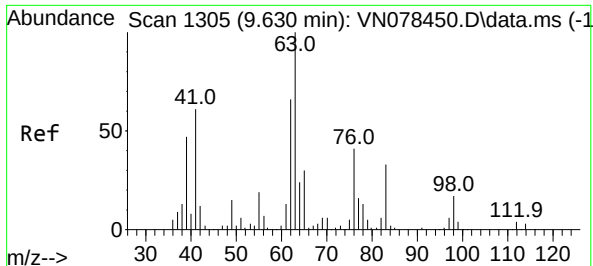
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#44
Trichloroethene
Concen: 18.857 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

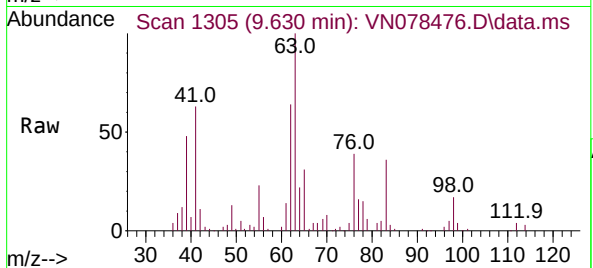
Tgt Ion:130 Resp: 109221
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.6





#45
1,2-Dichloropropane
Concen: 19.861 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

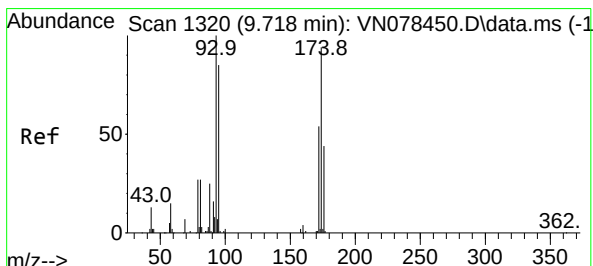
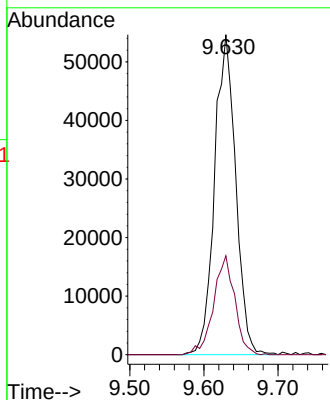
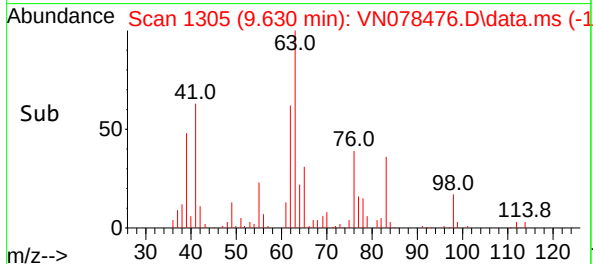
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 63 Resp: 108100
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9

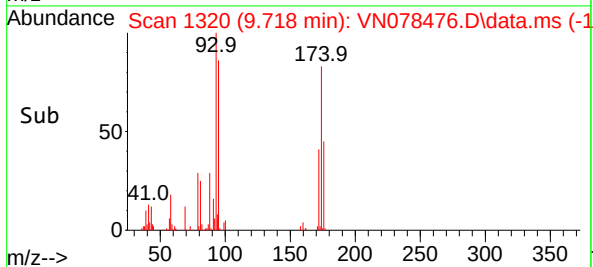
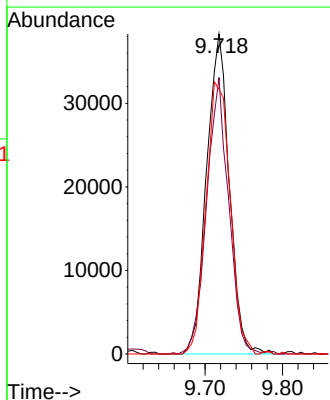
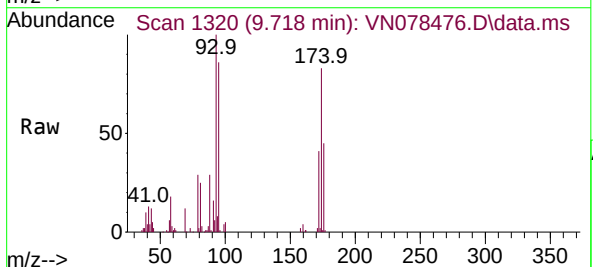
Manual Integrations
APPROVED

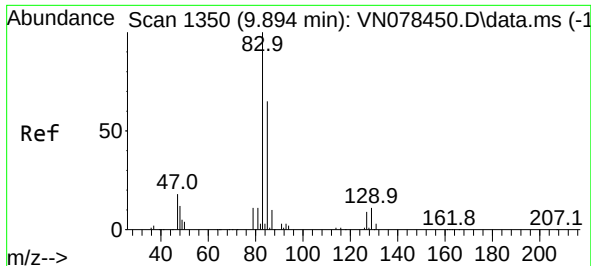
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#46
Dibromomethane
Concen: 20.368 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Tgt Ion: 93 Resp: 78028
Ion Ratio Lower Upper
93 100
95 84.0 63.8 95.8
174 90.5 65.6 98.4





#47

Bromodichloromethane

Concen: 20.099 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 83 Resp: 15434

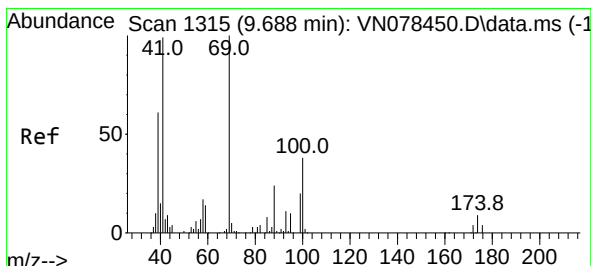
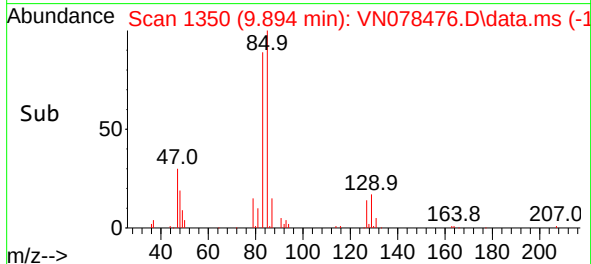
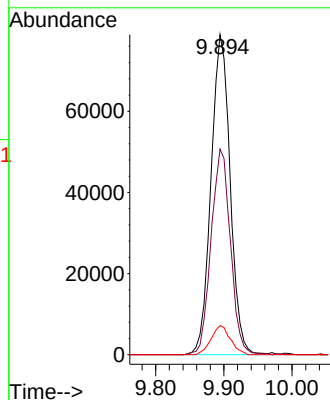
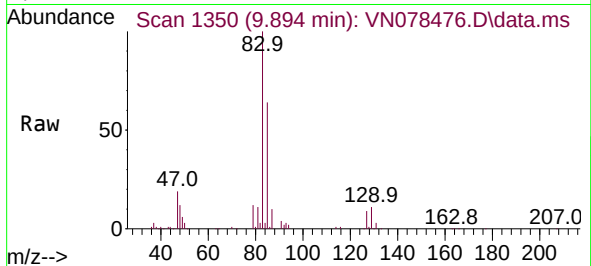
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.6	74.4
127	9.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#48

Methyl methacrylate

Concen: 20.596 ug/l

RT: 9.688 min Scan# 1315

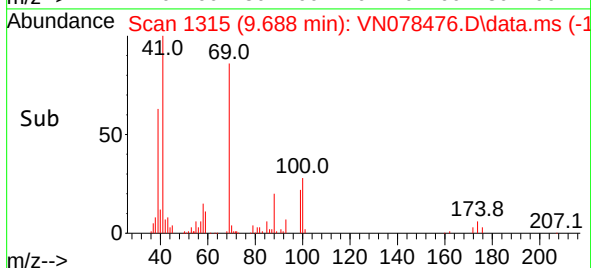
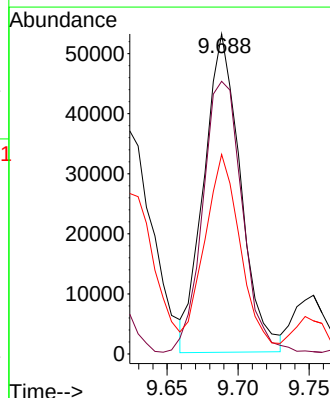
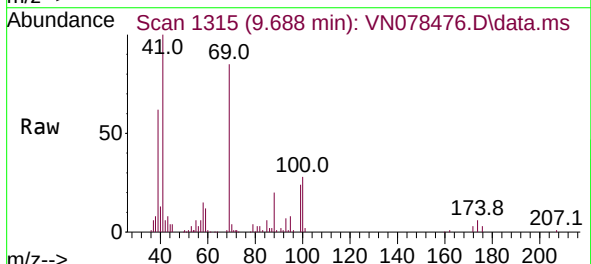
Delta R.T. 0.000 min

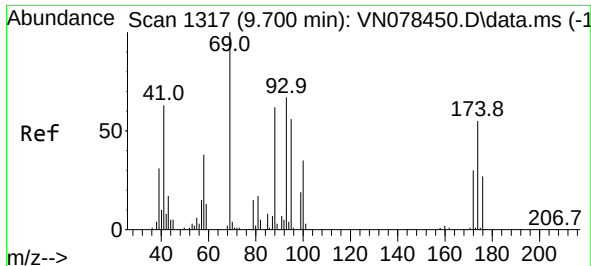
Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Tgt Ion: 41 Resp: 94996

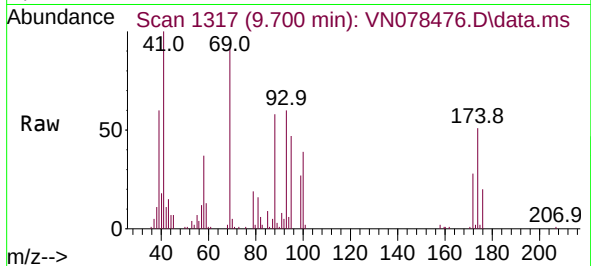
Ion	Ratio	Lower	Upper
41	100		
69	92.3	90.4	135.6
39	62.4	54.6	81.8





#49
1,4-Dioxane
Concen: 413.256 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

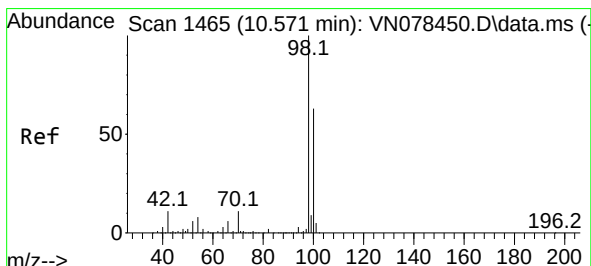
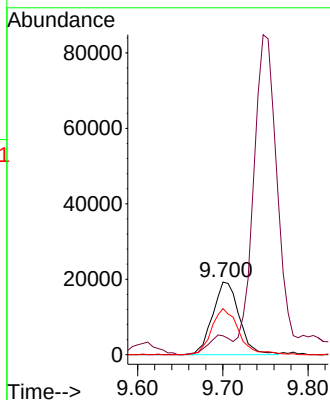
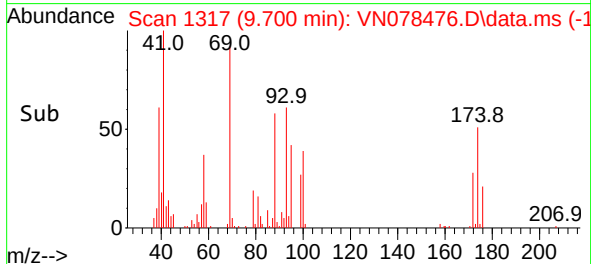
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



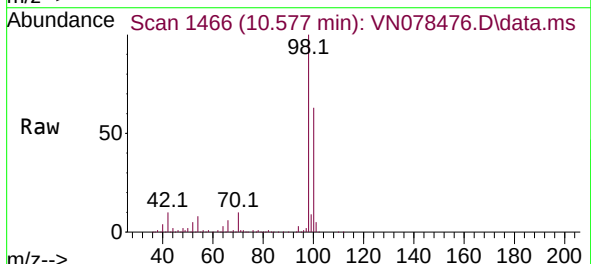
Tgt Ion: 88 Resp: 41568
Ion Ratio Lower Upper
88 100
43 23.3 17.0 25.6
58 65.2 47.0 70.4

Manual Integrations
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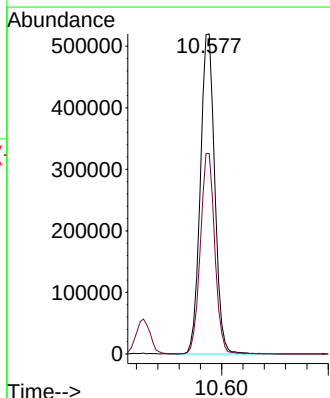
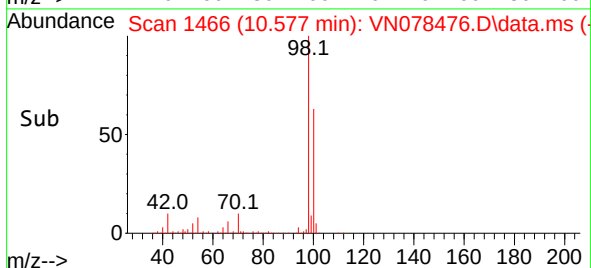
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

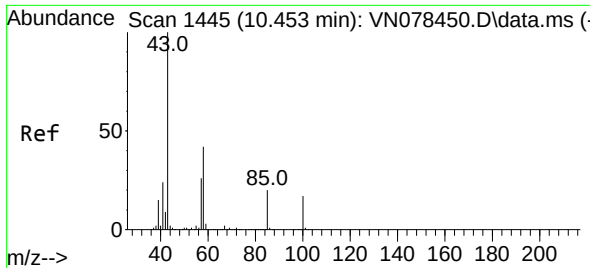


#50
Toluene-d8
Concen: 51.396 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



Tgt Ion: 98 Resp: 975422
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0





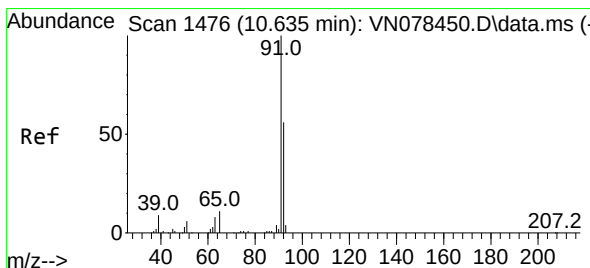
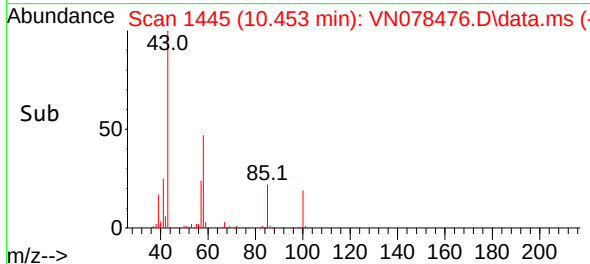
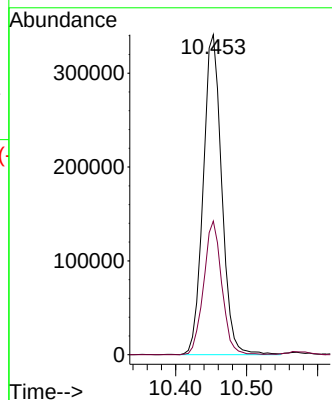
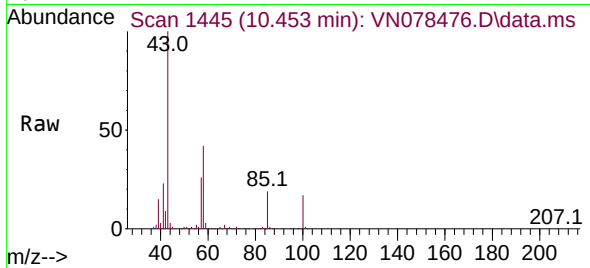
#51
4-Methyl-2-Pentanone
Concen: 104.538 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 43 Resp: 619040
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

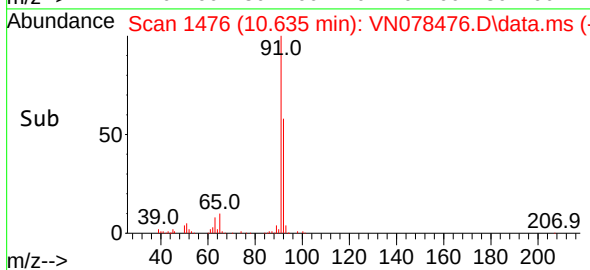
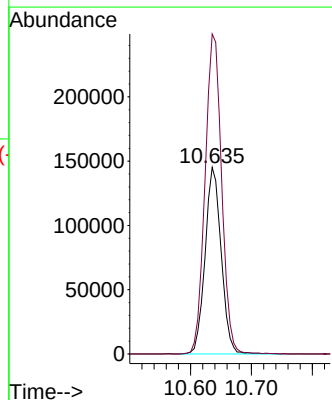
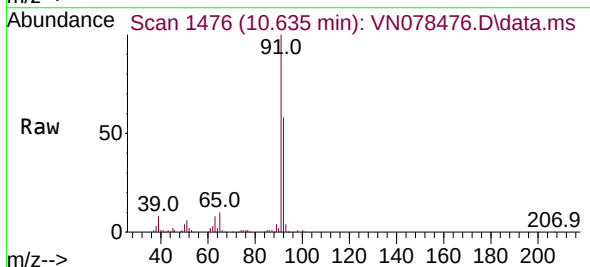
Manual Integrations
APPROVED

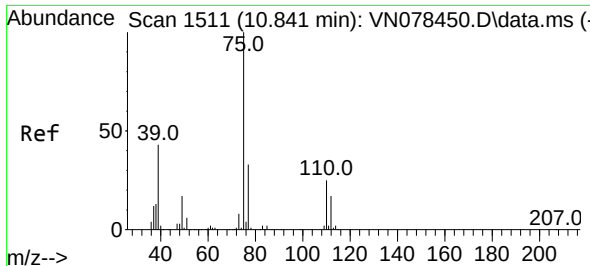
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#52
Toluene
Concen: 20.001 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Tgt Ion: 92 Resp: 266404
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0





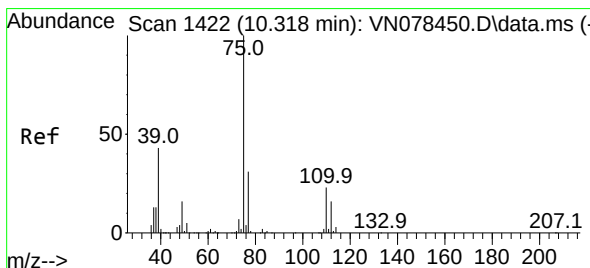
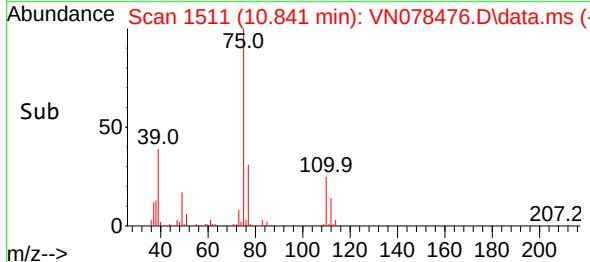
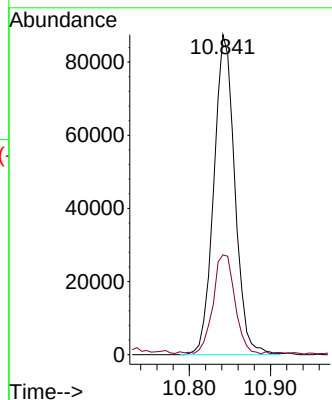
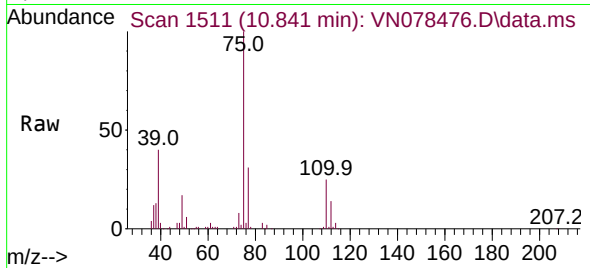
#53
t-1,3-Dichloropropene
Concen: 20.000 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 75 Resp: 15734
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

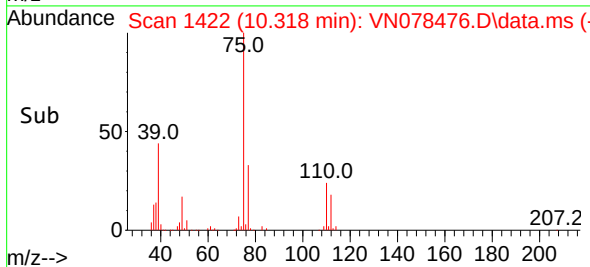
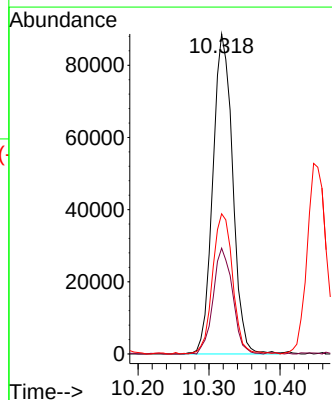
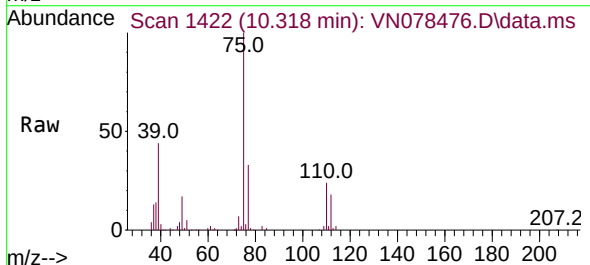
Manual Integrations
APPROVED

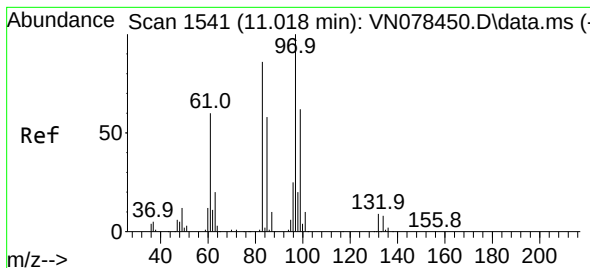
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#54
cis-1,3-Dichloropropene
Concen: 20.494 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

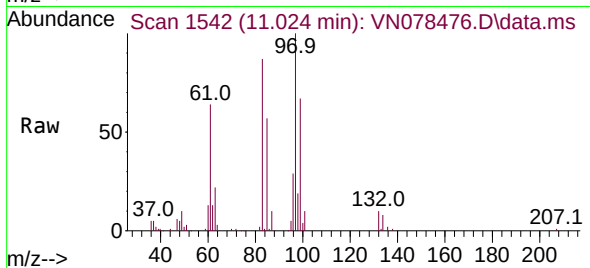
Tgt Ion: 75 Resp: 171862
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 43.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.713 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

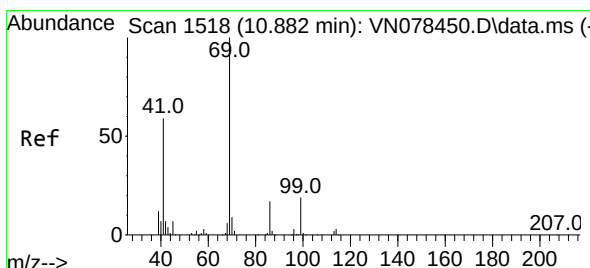
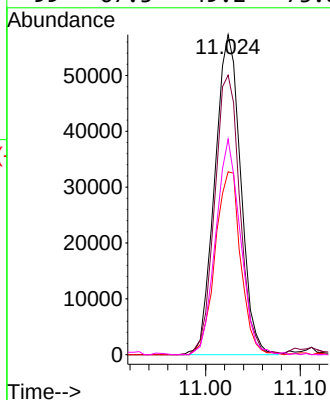
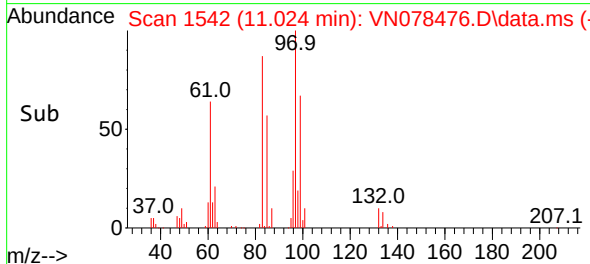
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



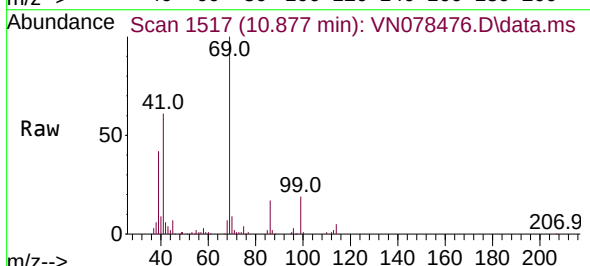
Tgt Ion: 97 Resp: 108698
Ion Ratio Lower Upper
97 100
83 87.4 65.1 97.7
85 57.1 43.4 65.2
99 67.3 49.2 73.8

Manual Integrations
APPROVED

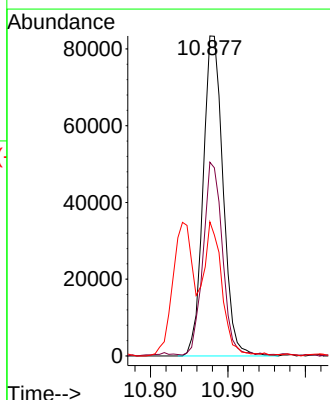
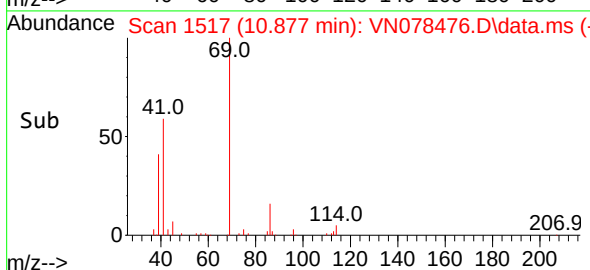
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

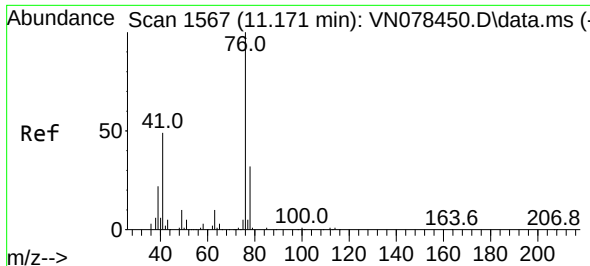


#56
Ethyl methacrylate
Concen: 20.324 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



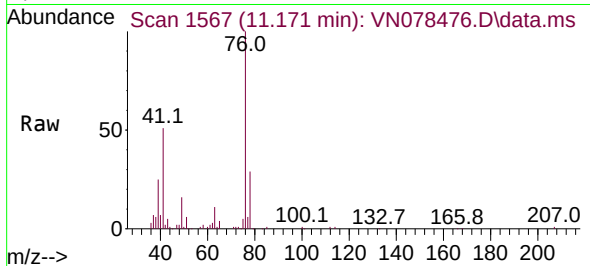
Tgt Ion: 69 Resp: 149087
Ion Ratio Lower Upper
69 100
41 58.3 39.6 59.4
39 38.8 28.6 43.0





#57
1,3-Dichloropropane
Concen: 19.674 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

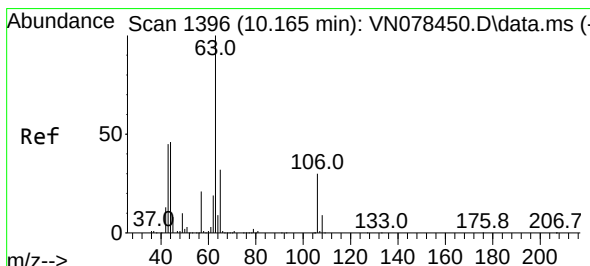
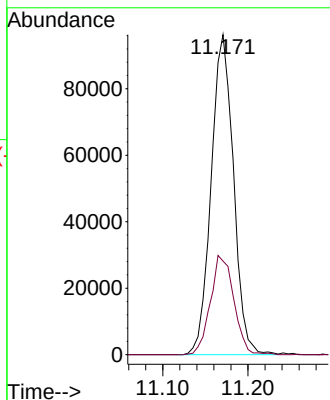
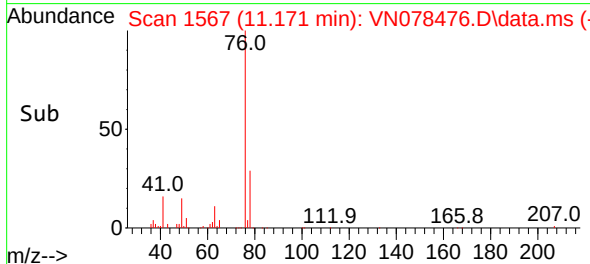
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



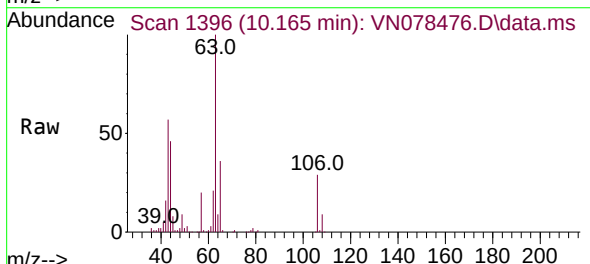
Tgt Ion: 76 Resp: 175540
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations
APPROVED

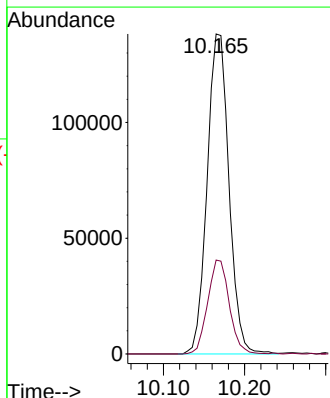
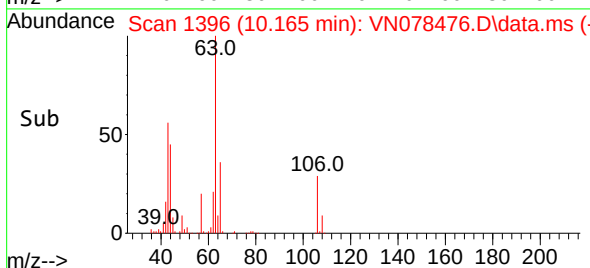
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

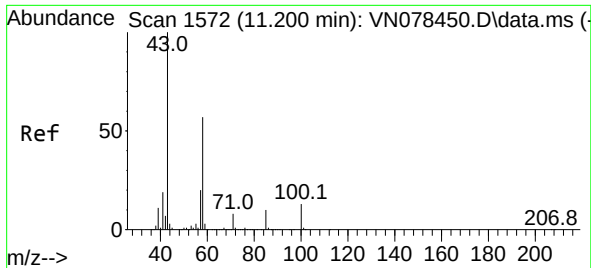


#58
2-Chloroethyl Vinyl ether
Concen: 98.699 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



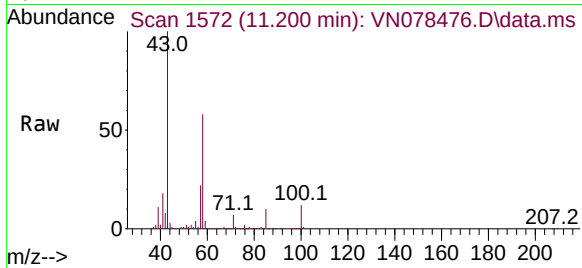
Tgt Ion: 63 Resp: 258023
Ion Ratio Lower Upper
63 100
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 103.109 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

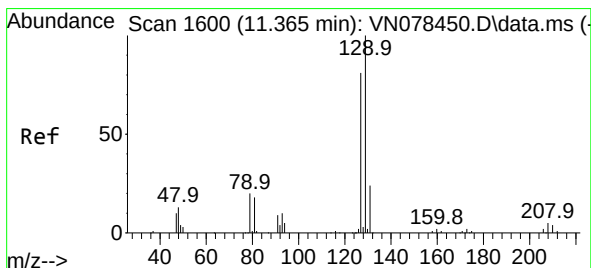
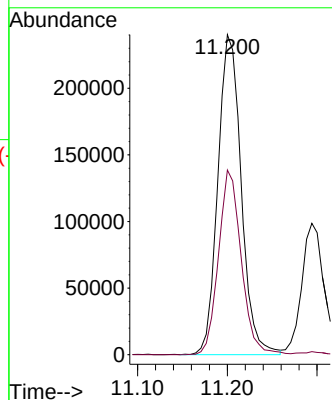
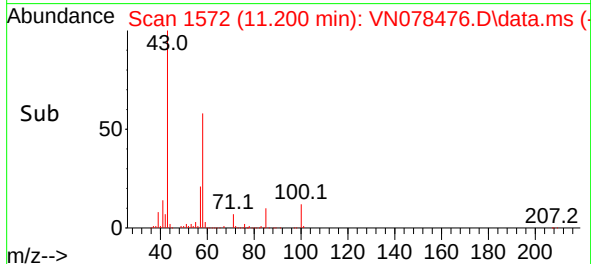
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 43 Resp: 433949
Ion Ratio Lower Upper
43 100
58 56.3 31.7 95.1

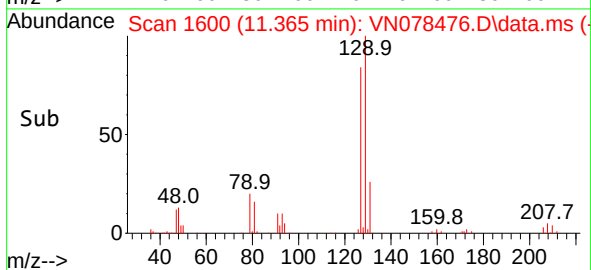
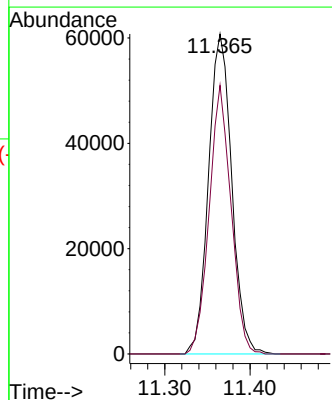
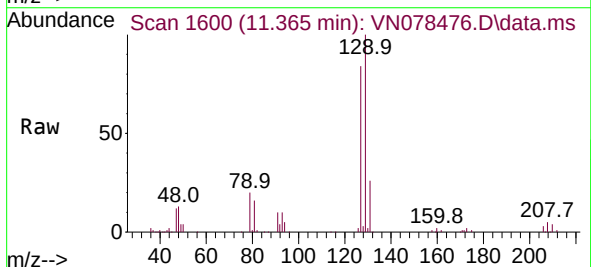
Manual Integrations
APPROVED

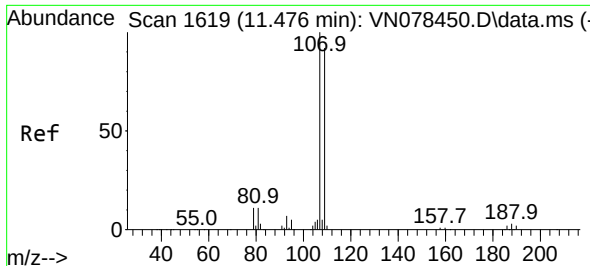
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#60
Dibromochloromethane
Concen: 19.846 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

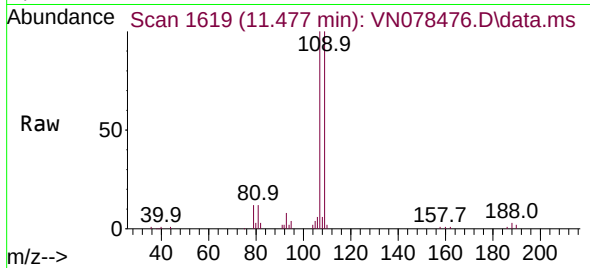
Tgt Ion:129 Resp: 114974
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.461 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

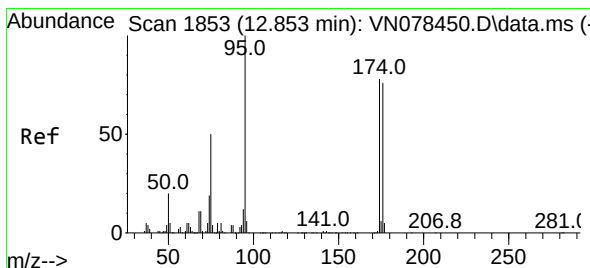
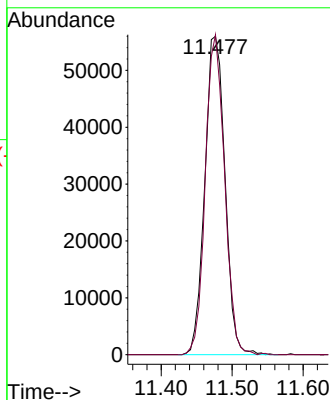
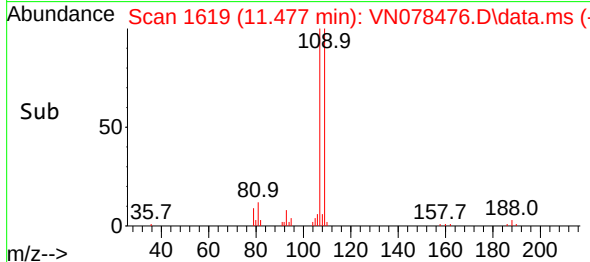
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



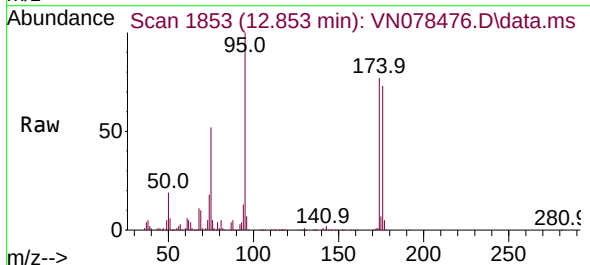
Tgt Ion:107 Resp: 11061
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

Manual Integrations
APPROVED

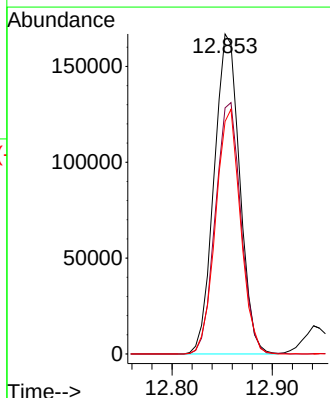
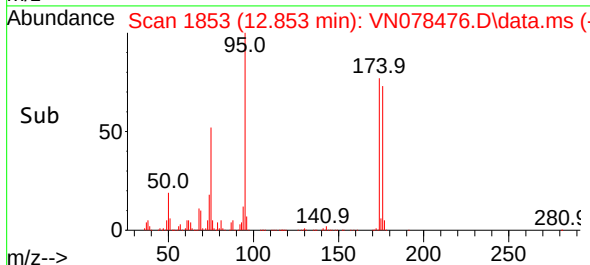
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

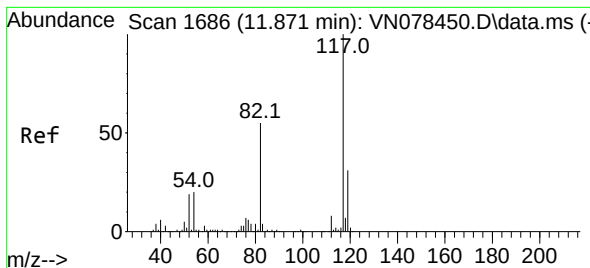


#62
4-Bromofluorobenzene
Concen: 50.637 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



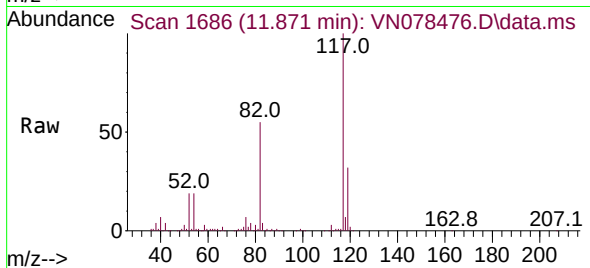
Tgt Ion: 95 Resp: 296014
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 74.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

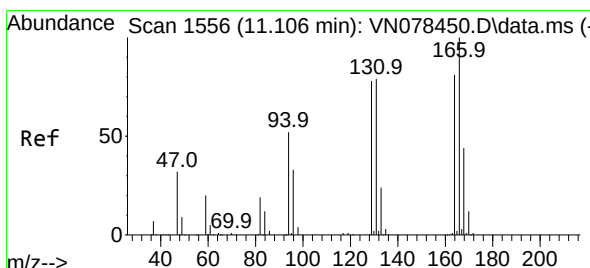
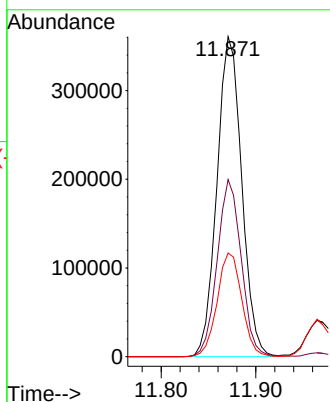
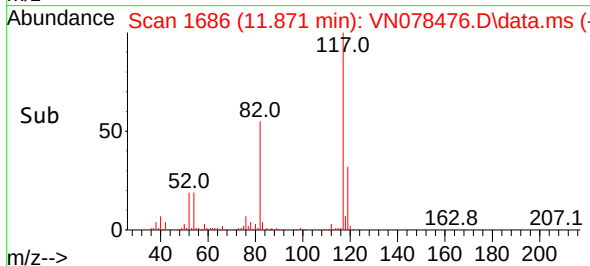
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion:117 Resp: 656592
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.4 25.6 38.4

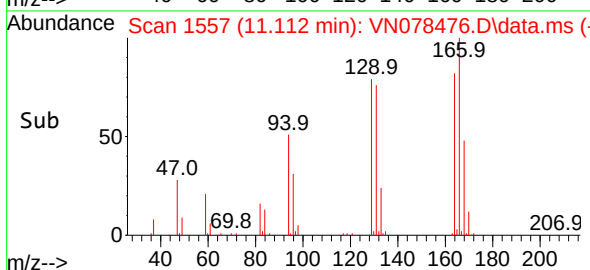
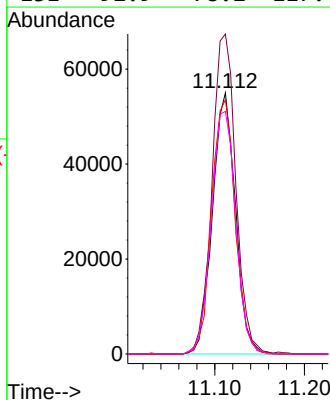
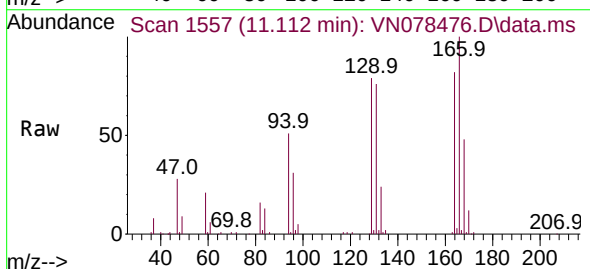
Manual Integrations
APPROVED

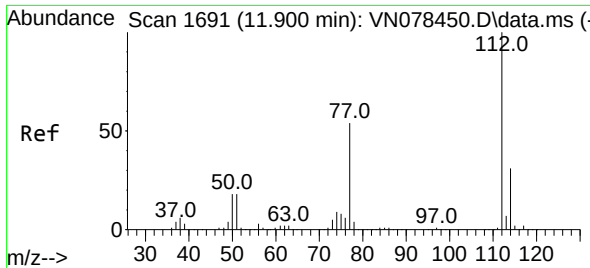
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#64
Tetrachloroethene
Concen: 19.857 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

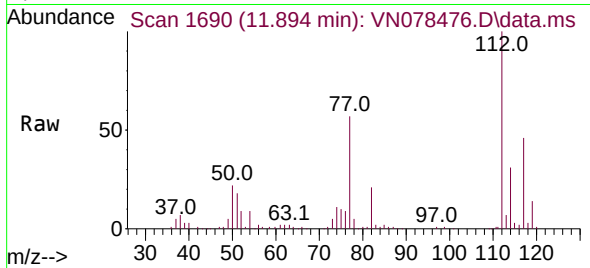
Tgt Ion:164 Resp: 98022
Ion Ratio Lower Upper
164 100
166 122.6 101.4 152.0
129 97.4 82.4 123.6
131 92.9 78.2 117.4





#65
Chlorobenzene
Concen: 18.829 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

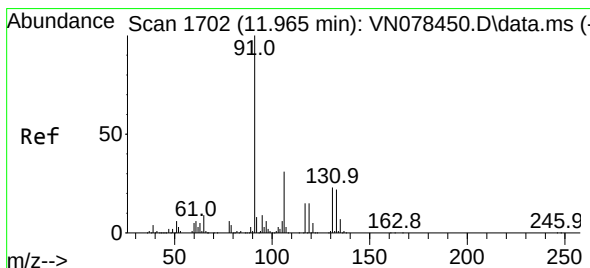
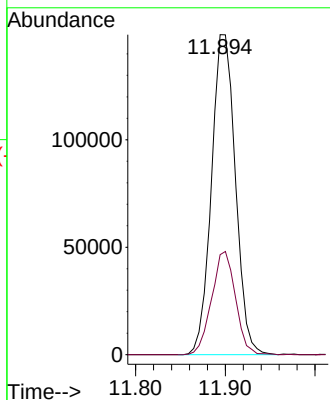
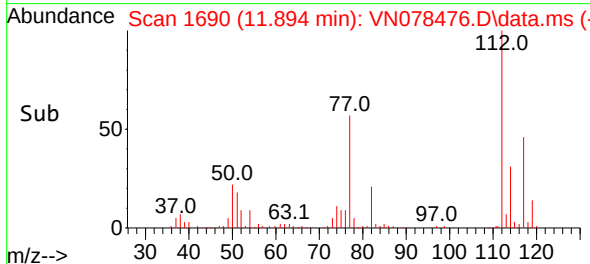
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion:112 Resp: 276345
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

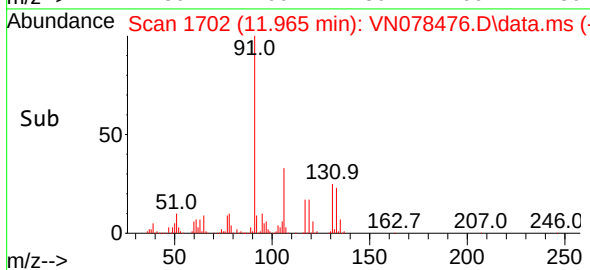
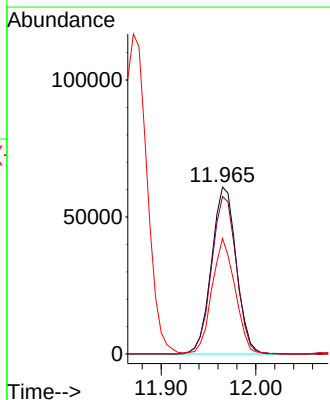
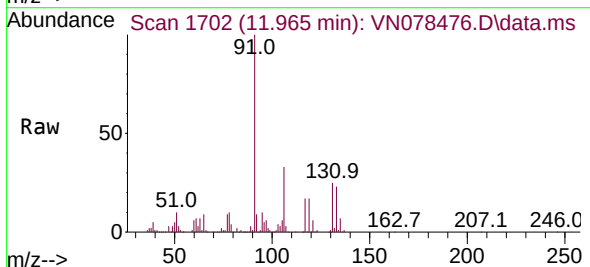
Manual Integrations
APPROVED

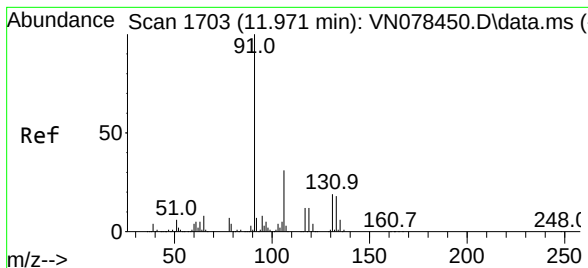
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.608 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

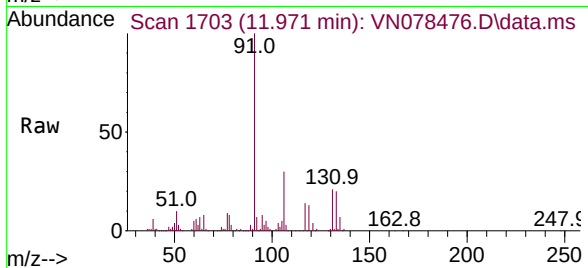
Tgt Ion:131 Resp: 110706
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 64.8 34.1 102.2





#67
Ethyl Benzene
Concen: 18.771 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

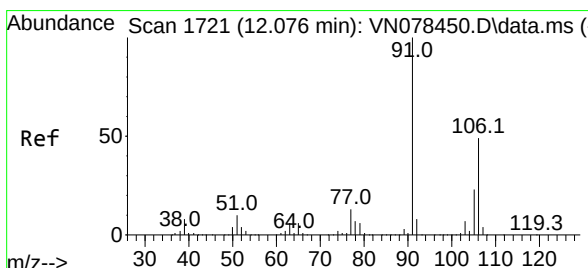
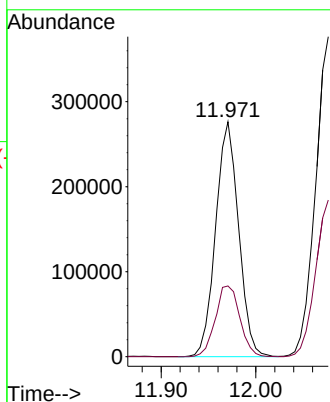
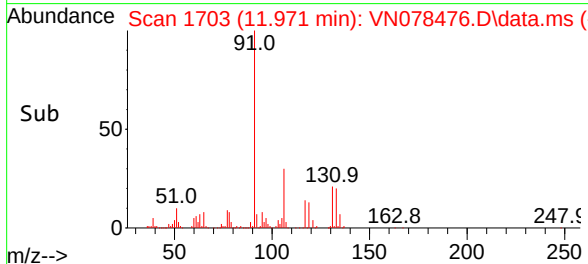
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



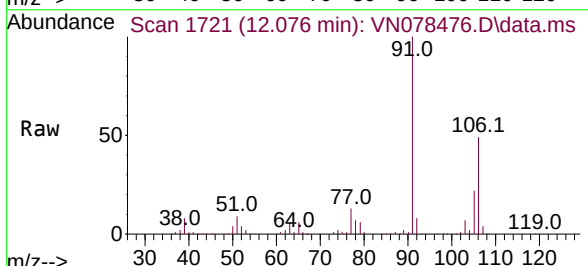
Tgt Ion: 91 Resp: 465678
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

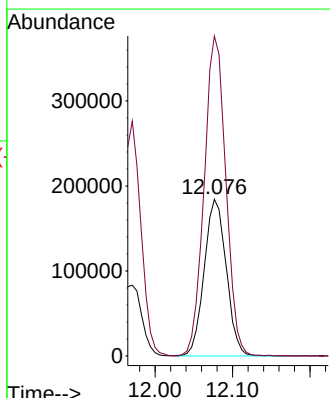
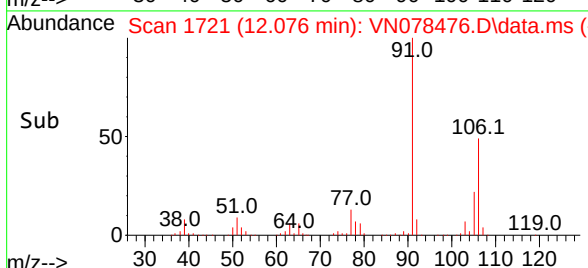
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

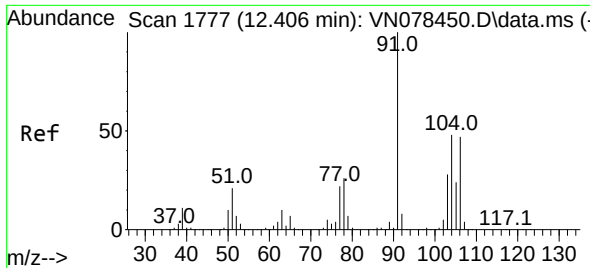


#68
m/p-Xylenes
Concen: 39.711 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



Tgt Ion:106 Resp: 364241
Ion Ratio Lower Upper
106 100
91 200.4 159.6 239.4





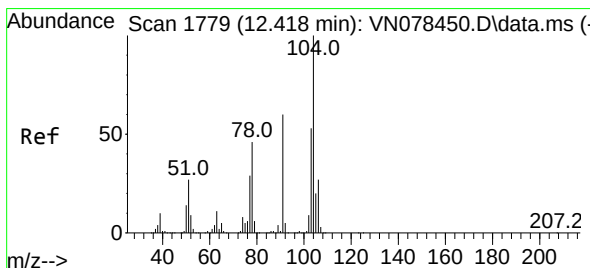
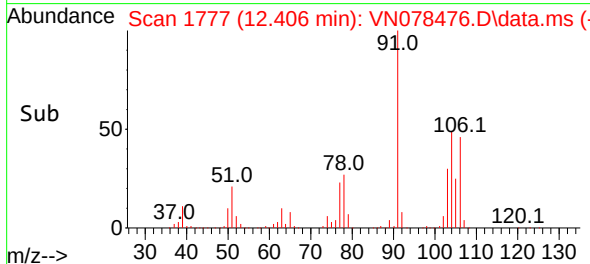
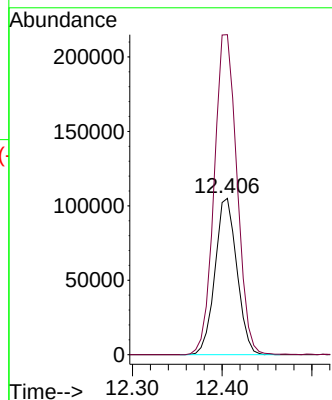
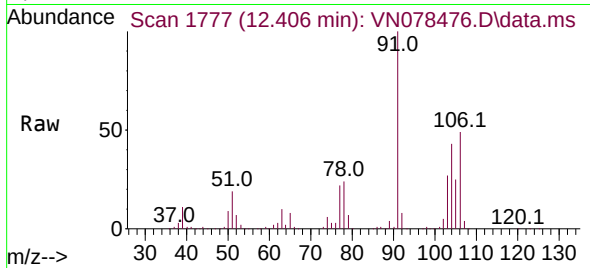
#69
o-Xylene
Concen: 19.224 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:106 Resp: 178104
Ion Ratio Lower Upper
106 100
91 212.8 105.2 315.5

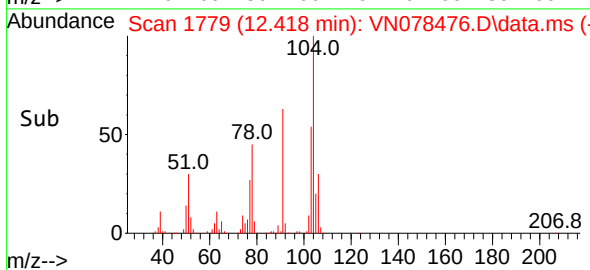
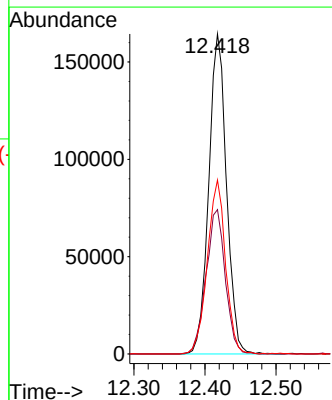
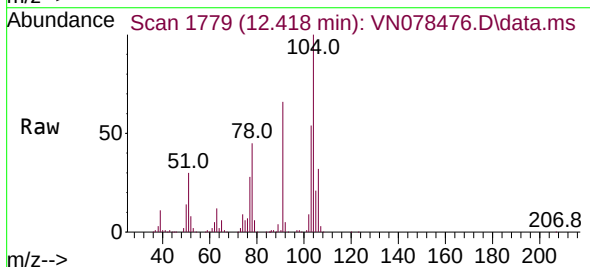
Manual Integrations
APPROVED

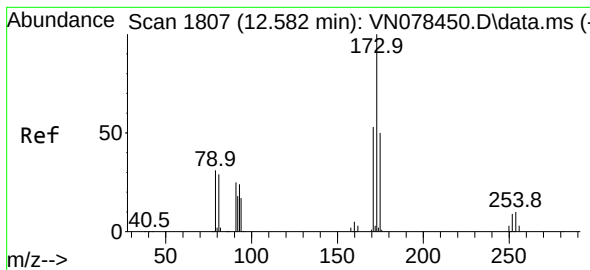
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#70
Styrene
Concen: 19.659 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Tgt Ion:104 Resp: 284938
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 19.825 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

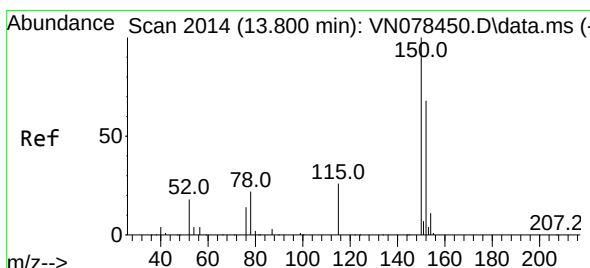
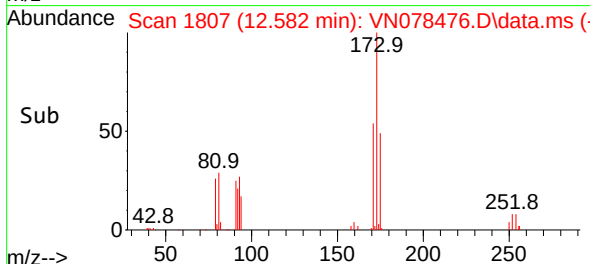
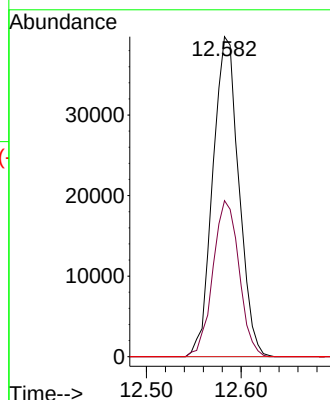
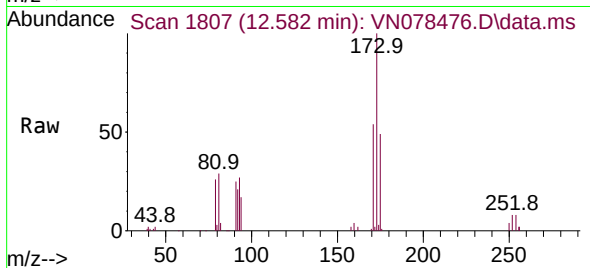
Tgt Ion:173 Resp: 75809
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

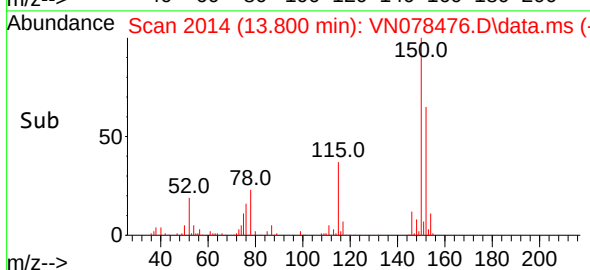
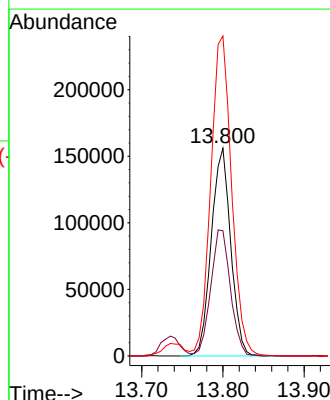
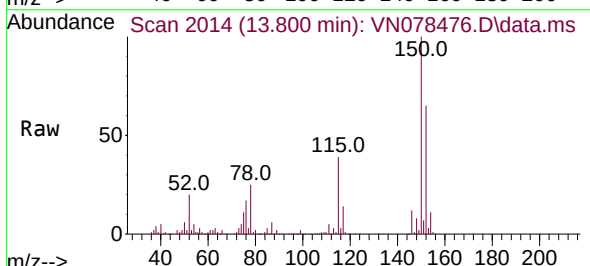
RT: 13.800 min Scan# 2014

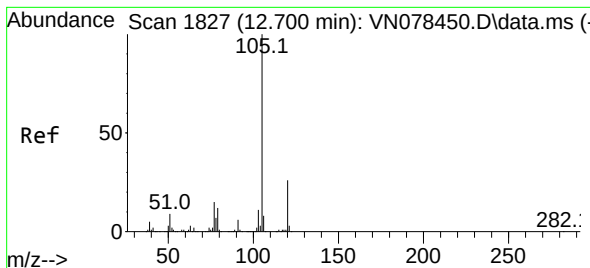
Delta R.T. -0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Tgt Ion:152 Resp: 259395
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.3 96.8
 150 165.1 0.0 355.8





#73

Isopropylbenzene

Concen: 17.974 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion:105 Resp: 43810

Ion Ratio Lower Upper

105 100

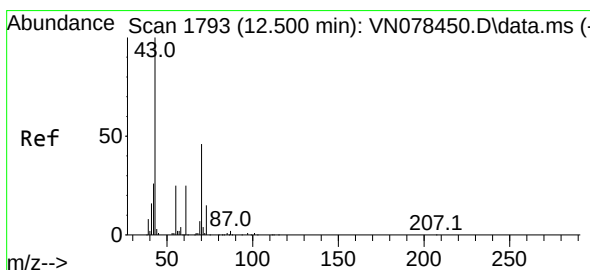
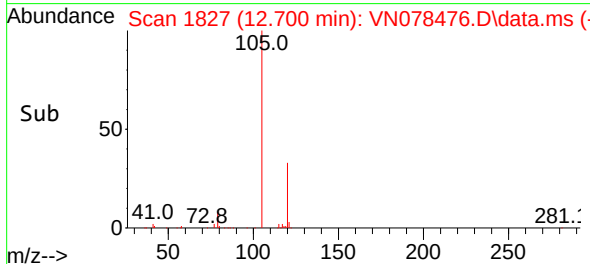
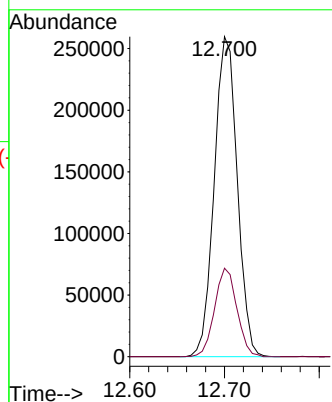
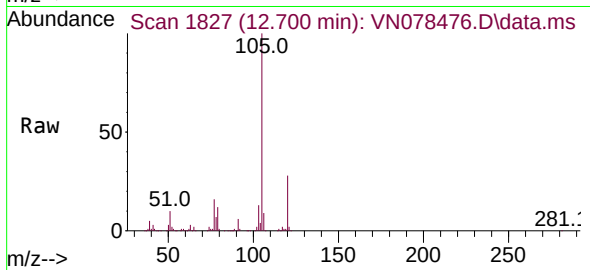
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#74

N-ethyl acetate

Concen: 17.649 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Tgt Ion: 43 Resp: 148249

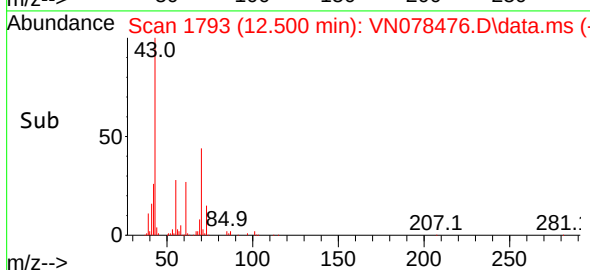
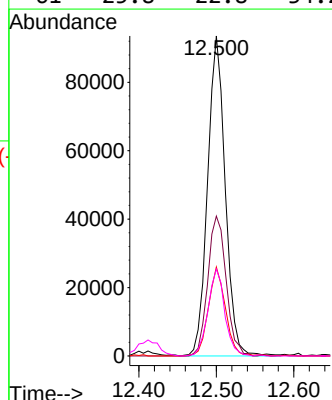
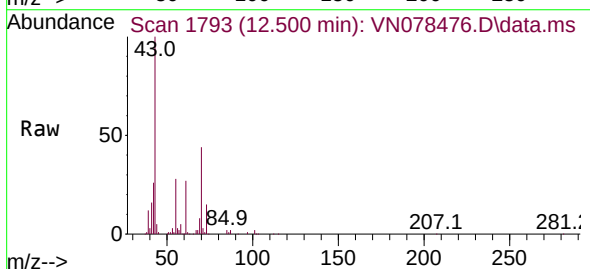
Ion Ratio Lower Upper

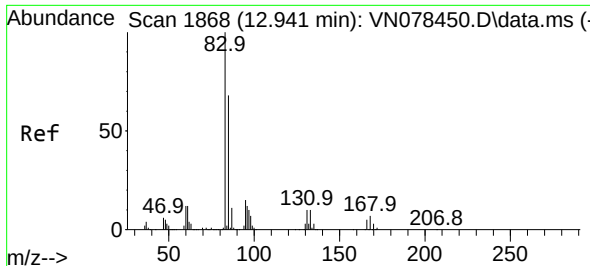
43 100

70 45.4 43.4 65.2

55 27.0 21.4 32.0

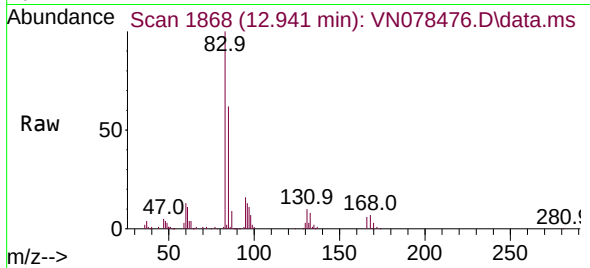
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.530 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

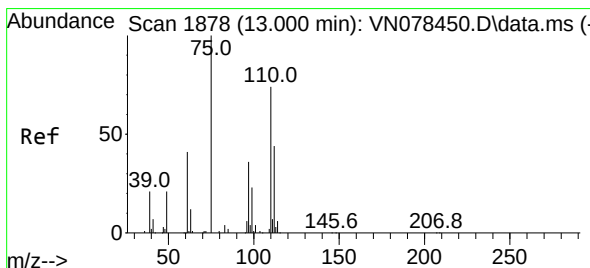
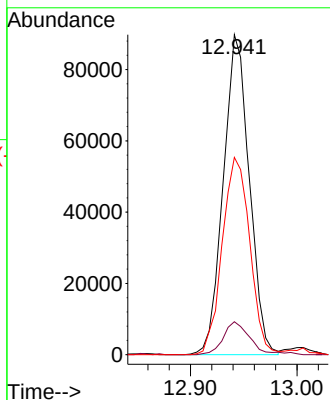
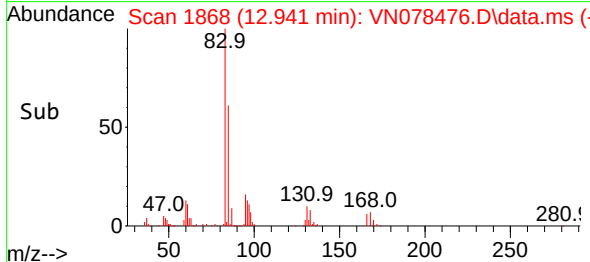
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



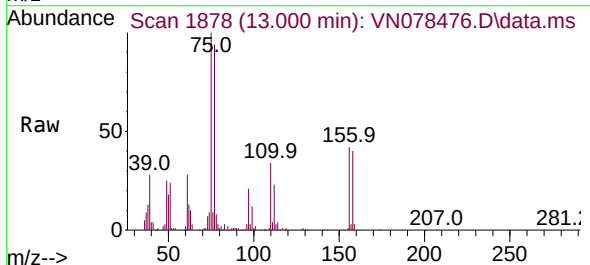
Tgt Ion: 83 Resp: 152188
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.3 31.9 95.7

Manual Integrations
APPROVED

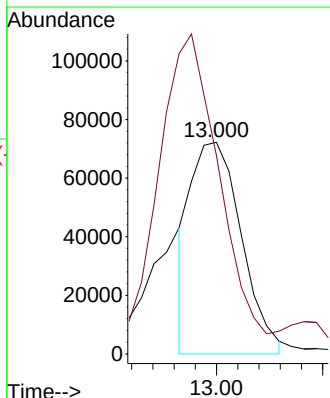
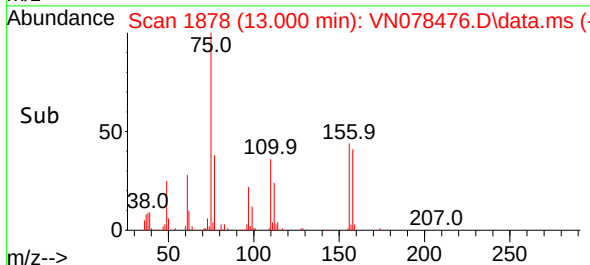
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

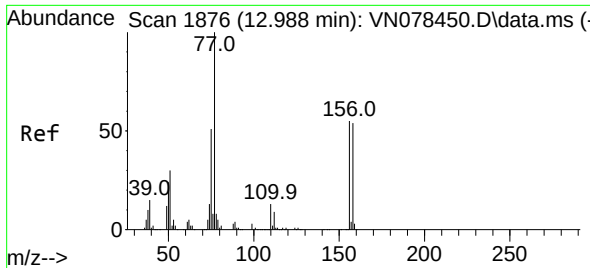


#76
1,2,3-Trichloropropane
Concen: 19.115 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



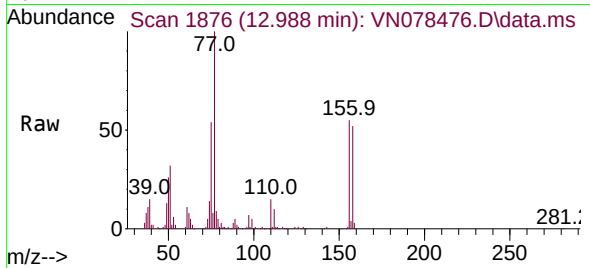
Tgt Ion: 75 Resp: 119848
Ion Ratio Lower Upper
75 100
77 184.7 84.5 253.5





#77
Bromobenzene
Concen: 19.084 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

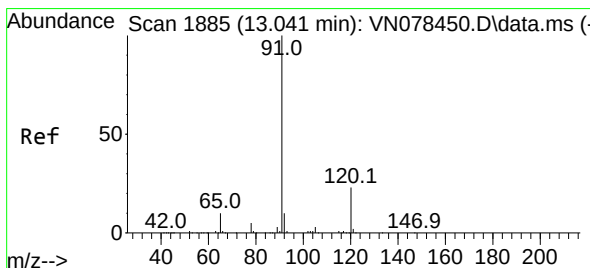
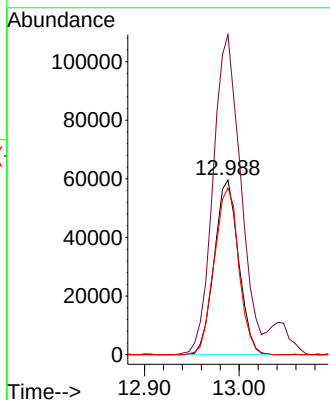
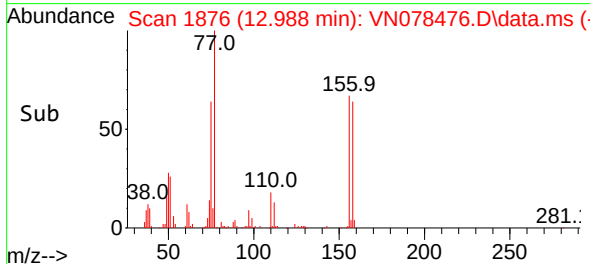
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



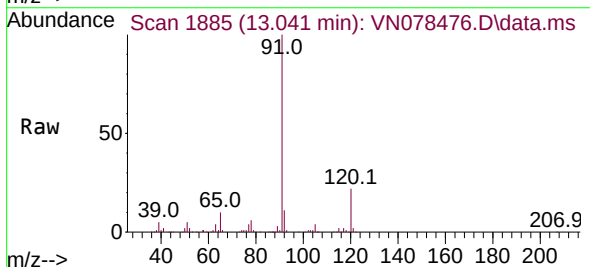
Tgt Ion:156 Resp: 106219
Ion Ratio Lower Upper
156 100
77 208.4 107.7 323.3
158 96.3 48.4 145.3

Manual Integrations
APPROVED

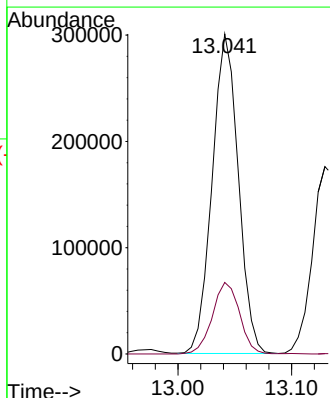
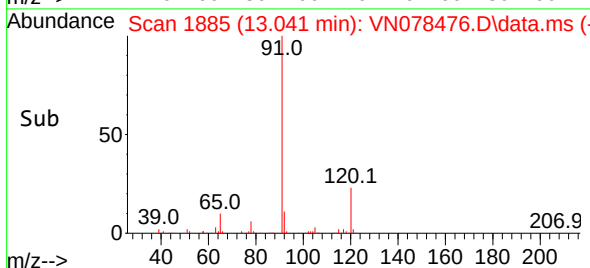
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

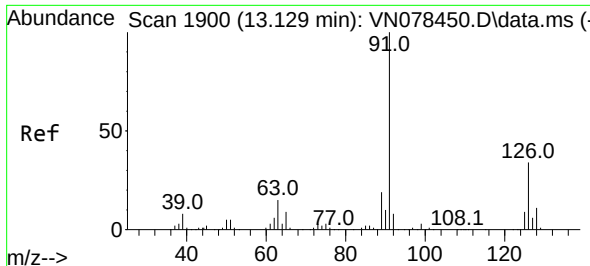


#78
n-propylbenzene
Concen: 18.449 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



Tgt Ion: 91 Resp: 480907
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





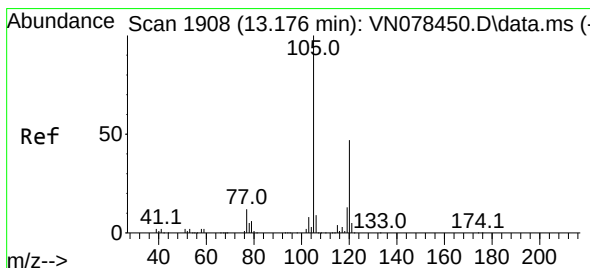
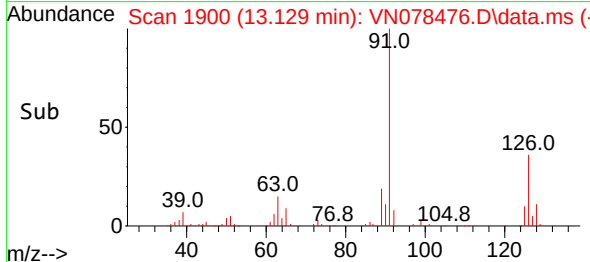
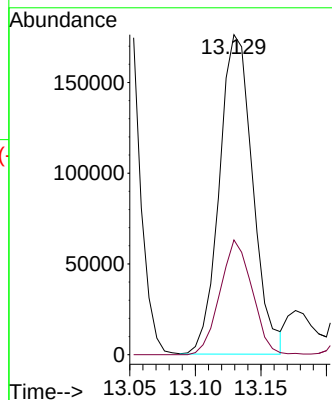
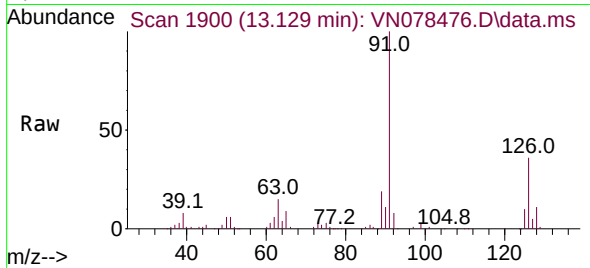
#79
2-Chlorotoluene
Concen: 18.256 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 91 Resp: 311708
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

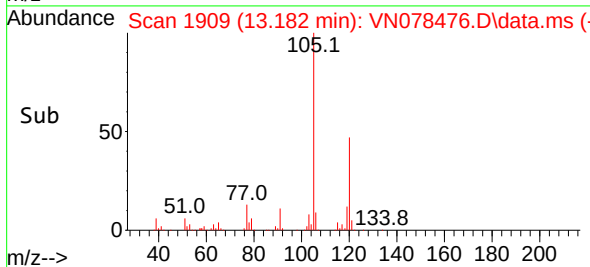
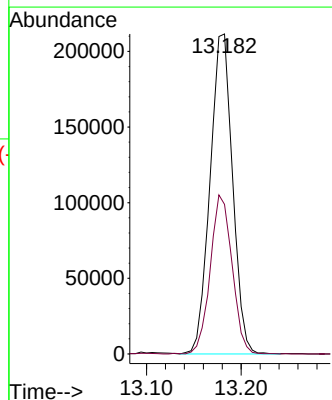
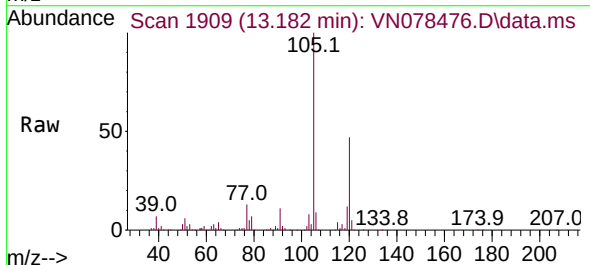
Manual Integrations
APPROVED

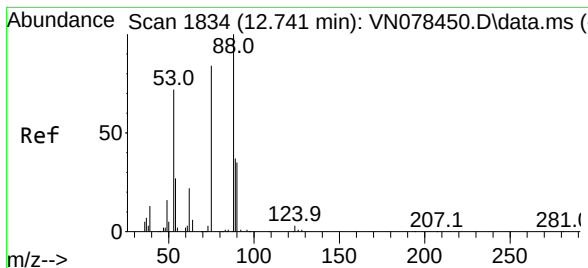
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.134 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

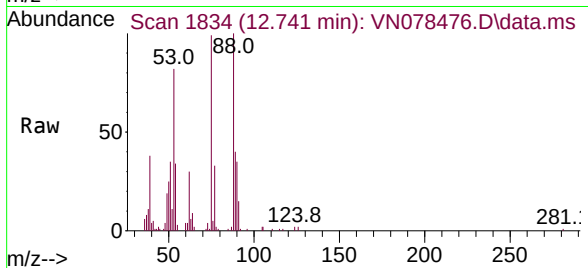
Tgt Ion:105 Resp: 349226
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.743 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

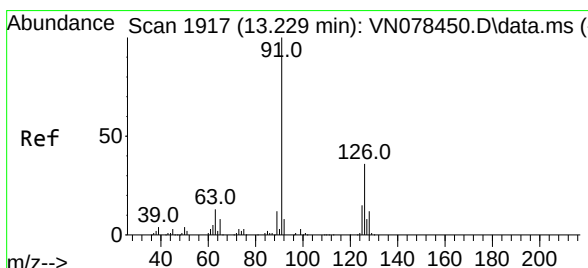
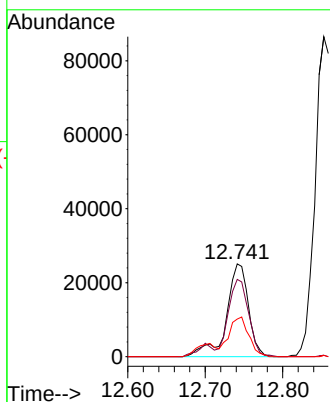
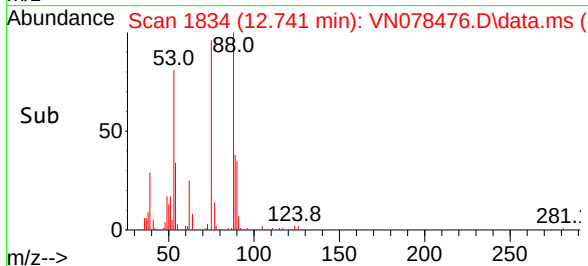
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 75 Resp: 49492
Ion Ratio Lower Upper
75 100
53 76.9 67.4 101.2
89 38.6 38.8 58.2

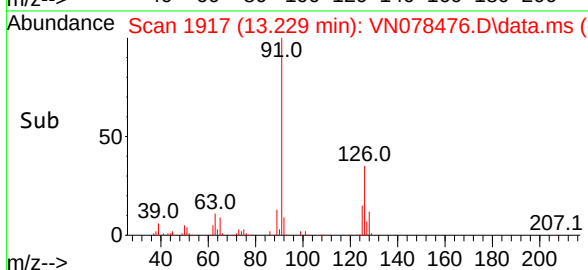
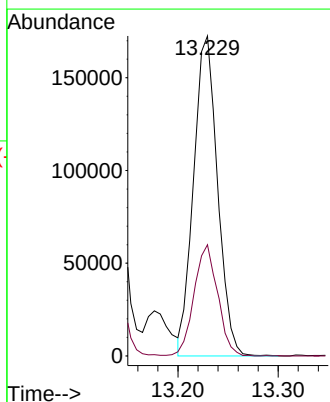
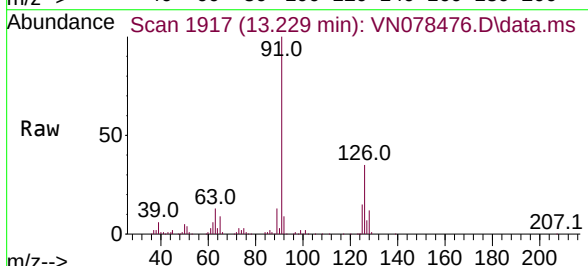
Manual Integrations
APPROVED

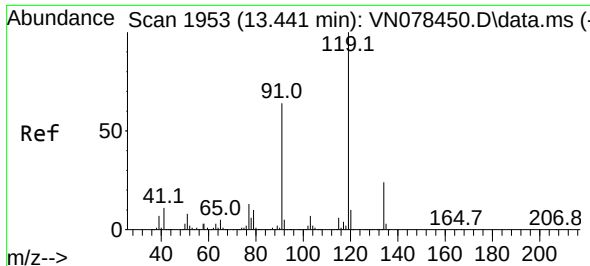
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#82
4-Chlorotoluene
Concen: 17.997 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

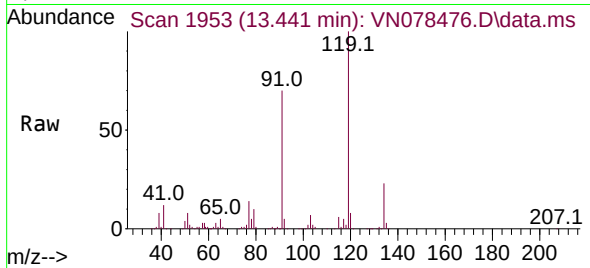
Tgt Ion: 91 Resp: 286645
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.930 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

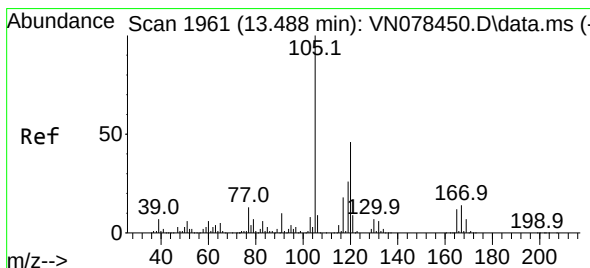
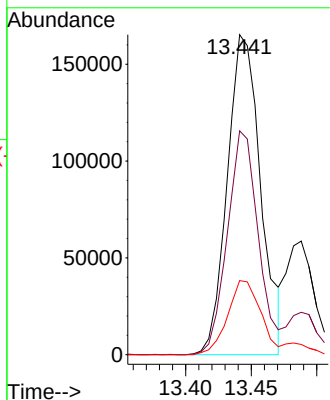
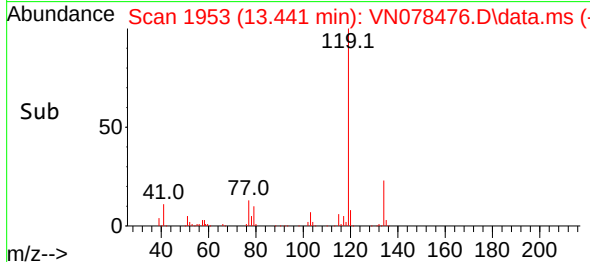
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



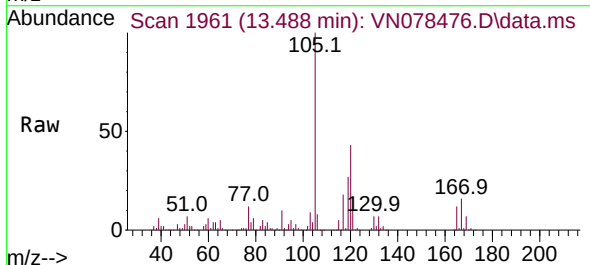
Tgt Ion:119 Resp: 293160
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.7
134 23.5 13.2 39.6

Manual Integrations
APPROVED

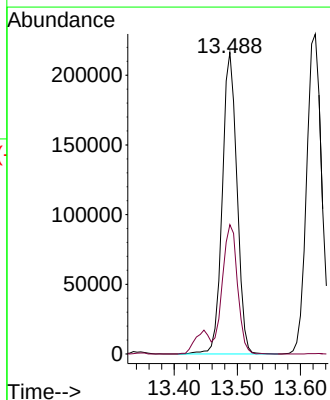
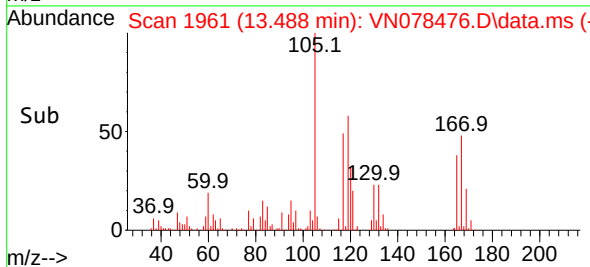
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

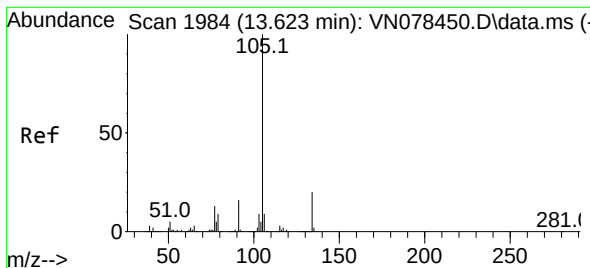


#84
1,2,4-Trimethylbenzene
Concen: 18.673 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



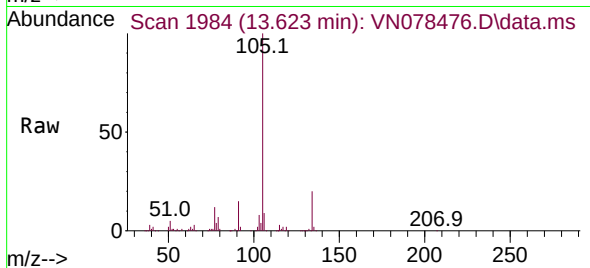
Tgt Ion:105 Resp: 349302
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.406 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078476.D
 Acq: 12 Jul 2023 12:40

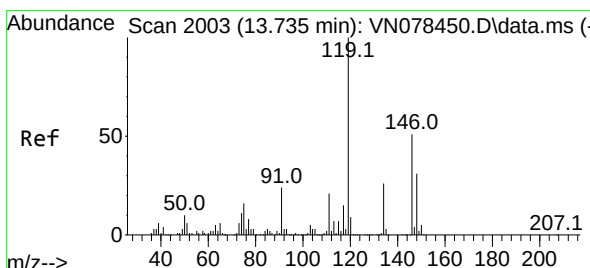
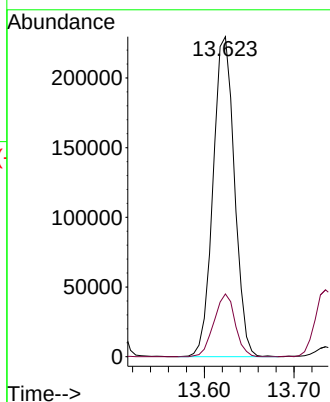
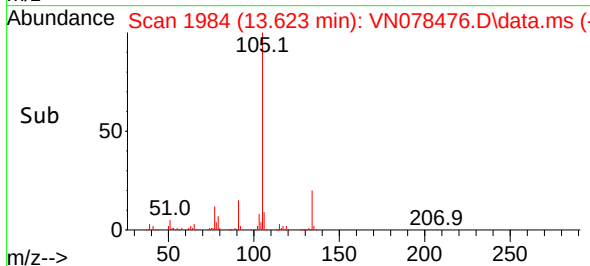
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



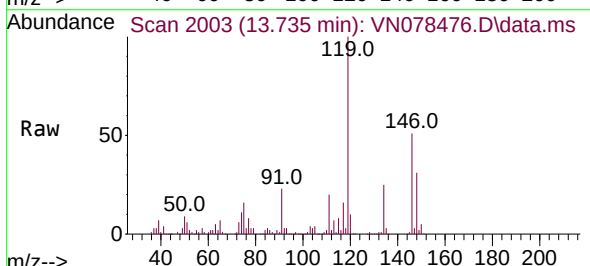
Tgt Ion:105 Resp: 380394
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

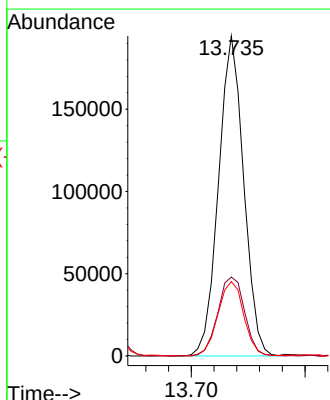
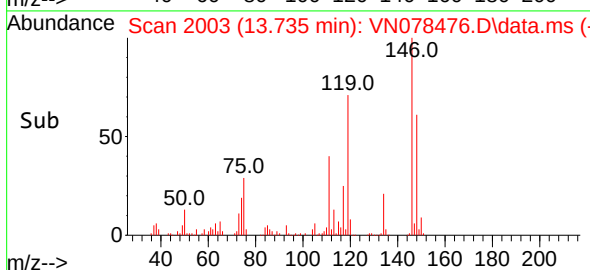
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023

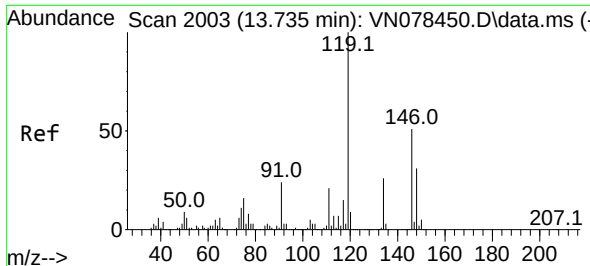


#86
 p-Isopropyltoluene
 Concen: 18.009 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078476.D
 Acq: 12 Jul 2023 12:40



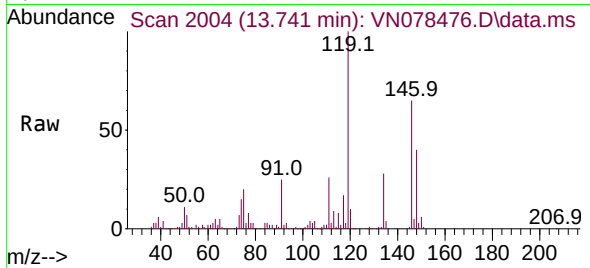
Tgt Ion:119 Resp: 298855
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.948 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

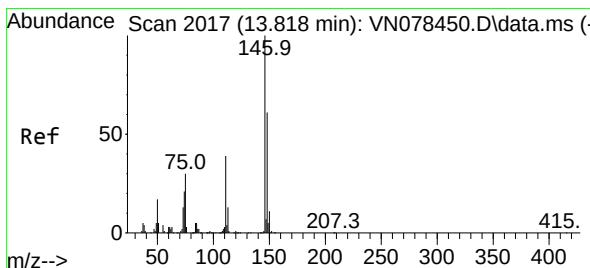
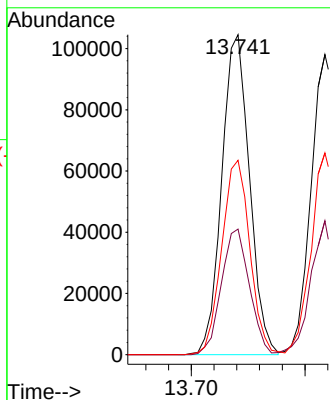
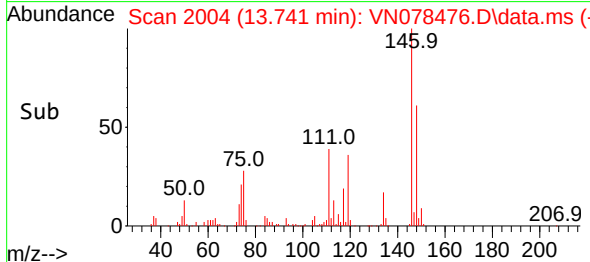
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion:146 Resp: 177300
Ion Ratio Lower Upper
146 100
111 39.8 22.1 66.3
148 61.7 32.0 96.0

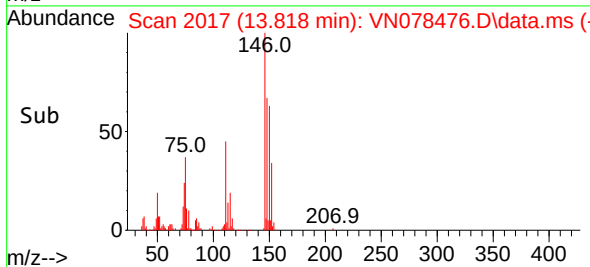
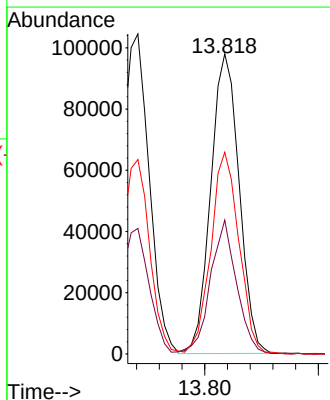
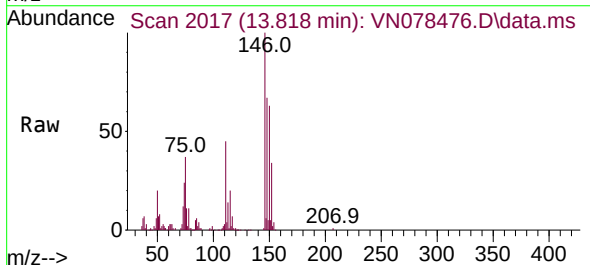
Manual Integrations
APPROVED

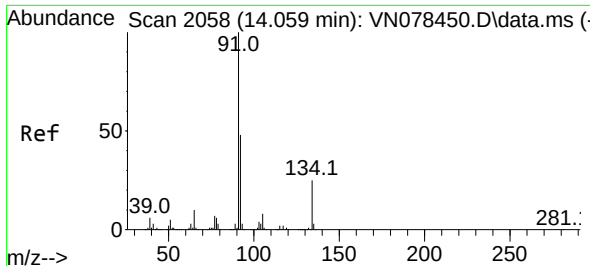
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#88
1,4-Dichlorobenzene
Concen: 18.034 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

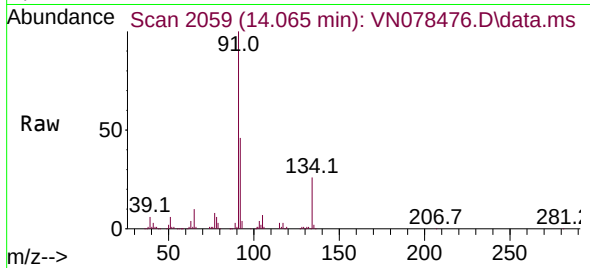
Tgt Ion:146 Resp: 169968
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 66.8 31.6 94.8





#89
n-Butylbenzene
Concen: 18.316 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

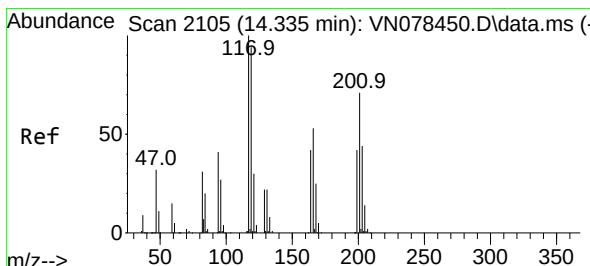
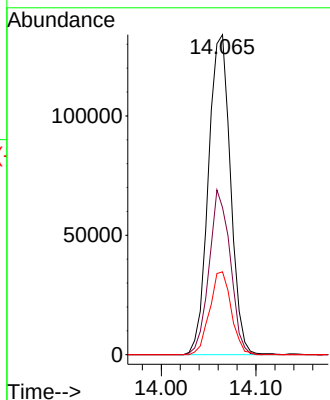
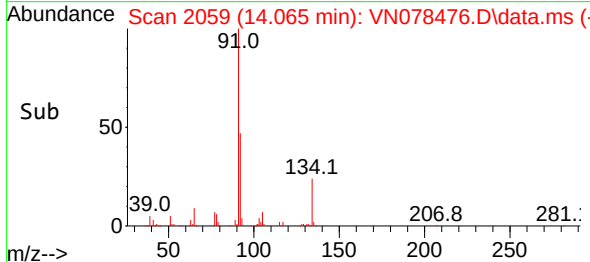
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 91 Resp: 217479
Ion Ratio Lower Upper
91 100
92 49.3 26.4 79.0
134 25.3 12.6 37.6

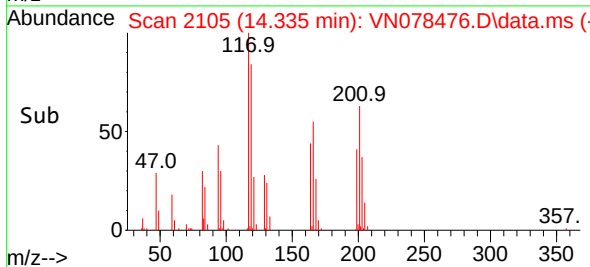
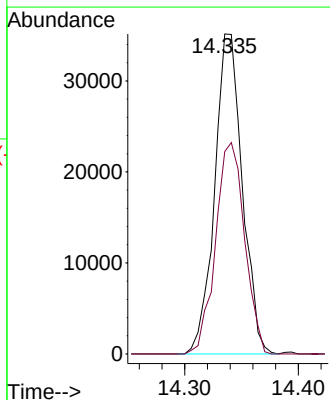
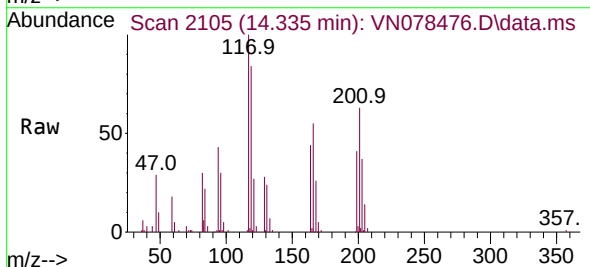
Manual Integrations
APPROVED

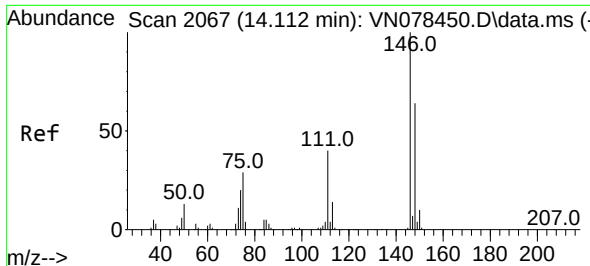
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#90
Hexachloroethane
Concen: 19.048 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Tgt Ion:117 Resp: 59640
Ion Ratio Lower Upper
117 100
201 69.2 29.3 88.0





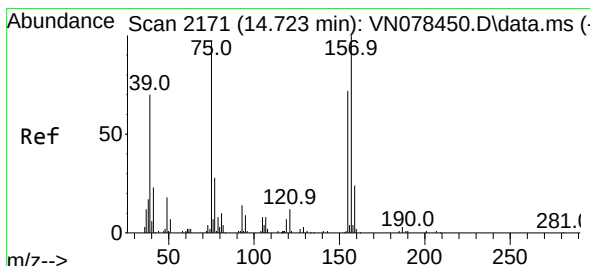
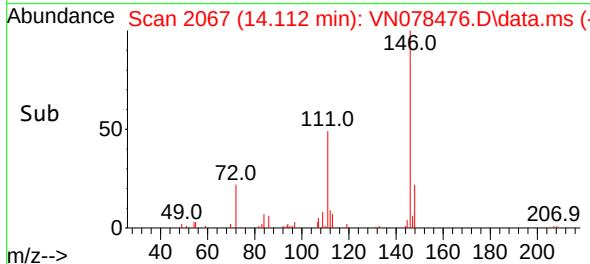
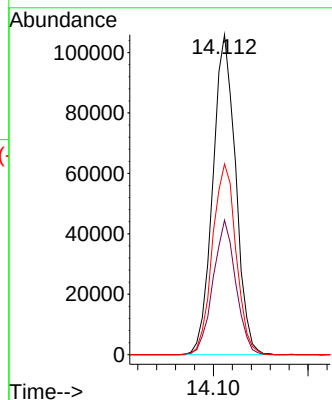
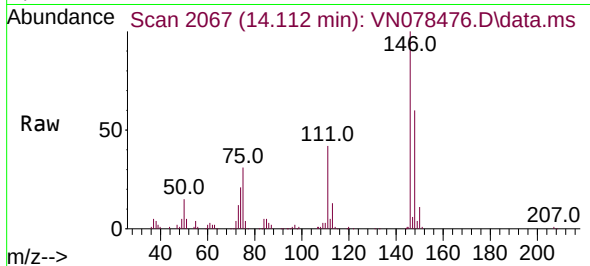
#91
1,2-Dichlorobenzene
Concen: 19.024 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:146 Resp: 17715
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 61.7 31.8 95.3

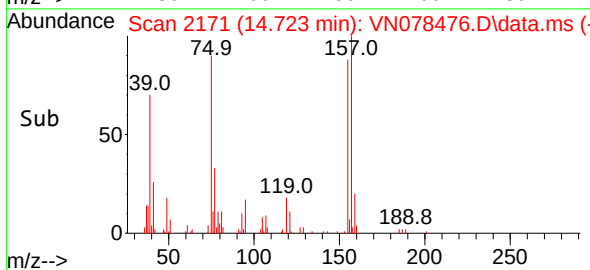
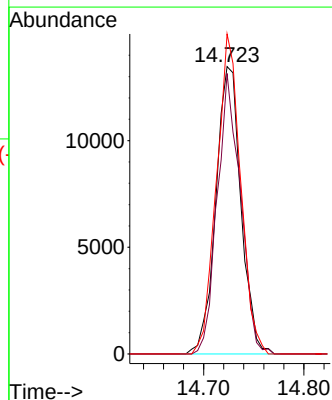
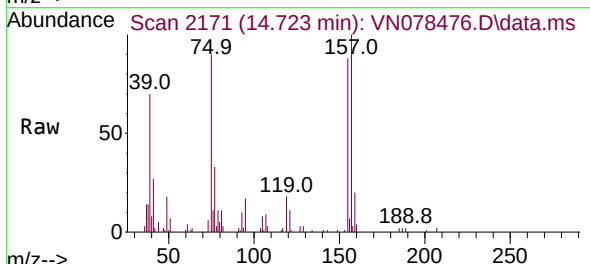
Manual Integrations
APPROVED

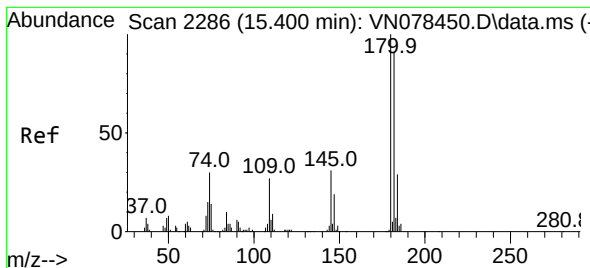
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.871 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

Tgt Ion: 75 Resp: 23415
Ion Ratio Lower Upper
75 100
155 89.9 39.1 117.2
157 106.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.690 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion:180 Resp: 4960

Ion Ratio Lower Upper

180 100

182 92.6 46.1 138.2

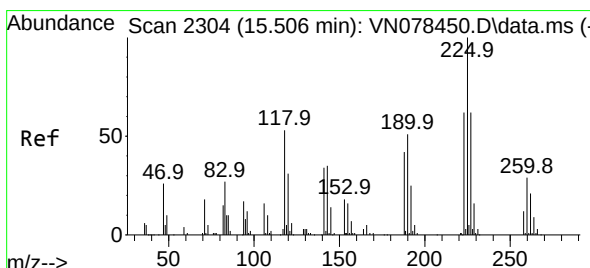
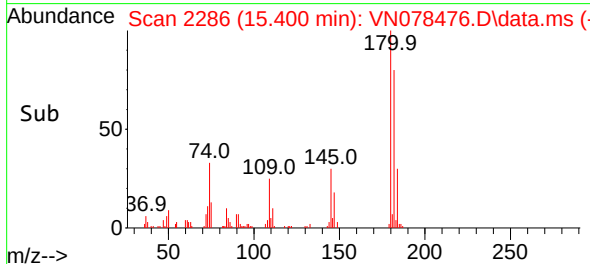
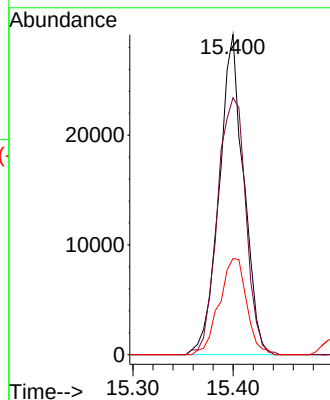
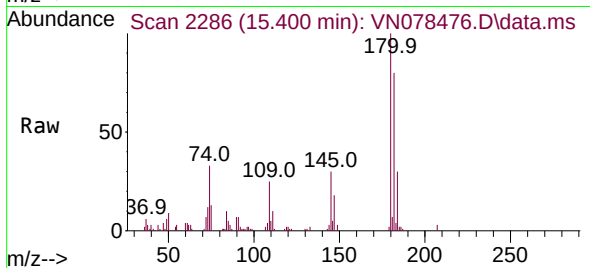
145 33.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#94

Hexachlorobutadiene

Concen: 17.044 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078476.D

Acq: 12 Jul 2023 12:40

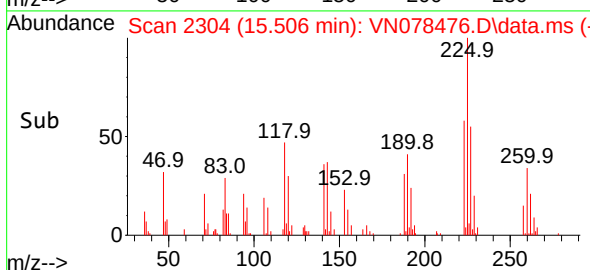
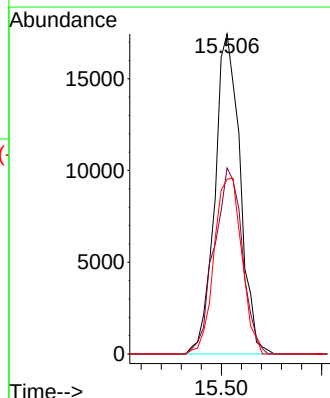
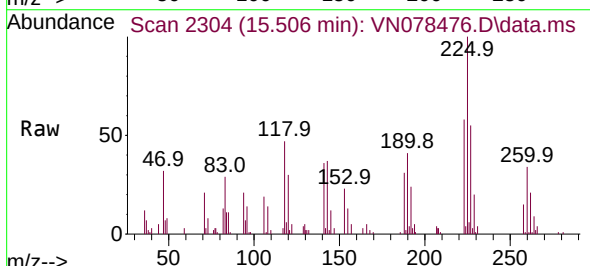
Tgt Ion:225 Resp: 30399

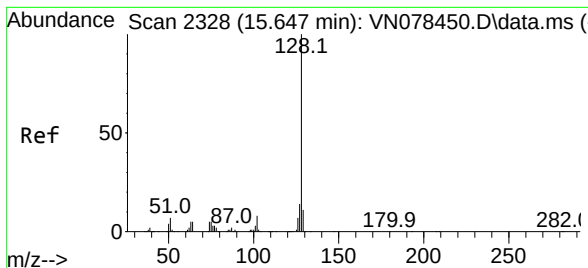
Ion Ratio Lower Upper

225 100

223 65.2 31.3 93.8

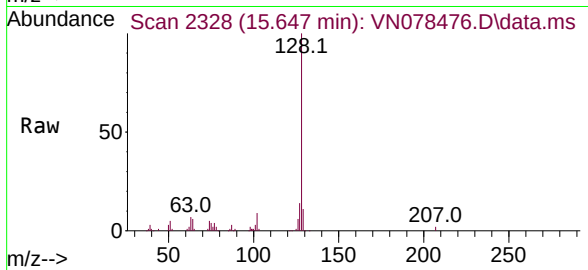
227 60.6 31.9 95.9





#95
Naphthalene
Concen: 14.561 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40

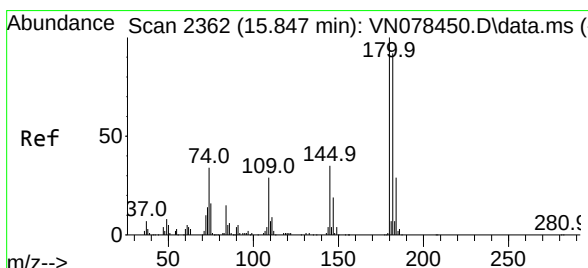
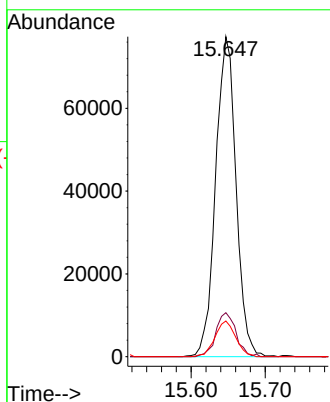
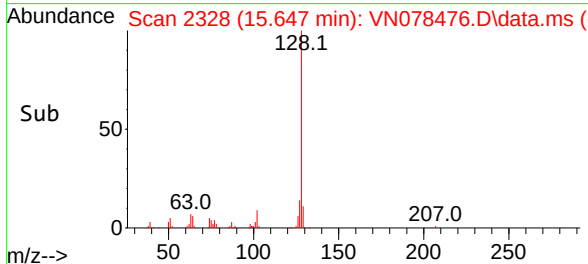
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



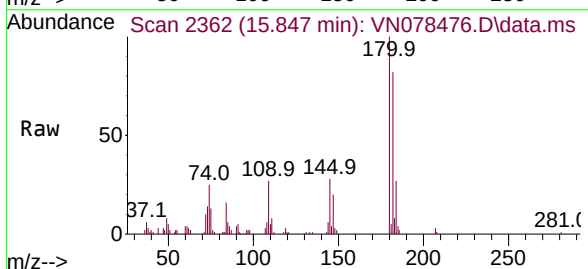
Tgt Ion:128 Resp: 147935
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.852 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078476.D
Acq: 12 Jul 2023 12:40



Tgt Ion:180 Resp: 57586
Ion Ratio Lower Upper
180 100
182 93.3 46.2 138.6
145 34.7 17.5 52.6

