

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077801.D
 Acq On : 22 May 2023 19:53
 Operator : JC\MD
 Sample : 02880-13MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MS

Quant Time: May 23 04:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	368218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	656403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	587206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	255135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268163	48.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.340%		
35) Dibromofluoromethane	8.171	113	234228	54.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.440%		
50) Toluene-d8	10.577	98	863062	52.385	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.780%		
62) 4-Bromofluorobenzene	12.853	95	290614	49.944	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	193690	46.221	ug/l	100
3) Chloromethane	2.371	50	194237	43.483	ug/l	99
4) Vinyl Chloride	2.518	62	248475	47.029	ug/l	99
5) Bromomethane	2.954	94	184687	47.264	ug/l	94
6) Chloroethane	3.124	64	183810	48.274	ug/l	98
7) Trichlorofluoromethane	3.501	101	372420	50.579	ug/l	100
8) Diethyl Ether	3.971	74	132069	49.132	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	204806	50.262	ug/l	98
10) Methyl Iodide	4.601	142	269173	55.390	ug/l	99
11) Tert butyl alcohol	5.536	59	186967	245.892	ug/l	99
12) 1,1-Dichloroethene	4.348	96	190347	49.149	ug/l	93
13) Acrolein	4.189	56	145063	314.024	ug/l	97
14) Allyl chloride	5.036	41	250165	43.971	ug/l	95
15) Acrylonitrile	5.724	53	501845	247.044	ug/l	99
16) Acetone	4.436	43	404245	233.215	ug/l	99
17) Carbon Disulfide	4.718	76	431107	41.313	ug/l	98
18) Methyl Acetate	5.030	43	338143	46.501	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	698158	49.804	ug/l	99
20) Methylene Chloride	5.289	84	228720	50.725	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	210212	48.321	ug/l	91
22) Diisopropyl ether	6.683	45	647673	48.568	ug/l	94
23) Vinyl Acetate	6.612	43	1773028	214.590	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	409662	50.143	ug/l	99
25) 2-Butanone	7.494	43	628053	231.626	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	299092	43.091	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	264058	50.622	ug/l	96
28) Bromochloromethane	7.818	49	182340	51.606	ug/l	93
29) Tetrahydrofuran	7.847	42	411743	231.907	ug/l	86
30) Chloroform	7.971	83	454565	50.579	ug/l	94
31) Cyclohexane	8.265	56	324383	43.320	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	400151	52.370	ug/l	97
36) 1,1-Dichloropropene	8.377	75	310772	49.639	ug/l	98
37) Ethyl Acetate	7.565	43	243792	43.689	ug/l	96
38) Carbon Tetrachloride	8.371	117	347732	55.004	ug/l	96
39) Methylcyclohexane	9.606	83	366791	47.855	ug/l	92
40) Benzene	8.612	78	953595	51.616	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	153437	51.632	ug/l	89
42) 1,2-Dichloroethane	8.677	62	331767	49.435	ug/l	99
43) Isopropyl Acetate	8.694	43	431190	47.307	ug/l	96
44) Trichloroethene	9.359	130	275933	58.985	ug/l	99
45) 1,2-Dichloropropane	9.630	63	249133	52.867	ug/l	97
46) Dibromomethane	9.718	93	171271	50.791	ug/l	92
47) Bromodichloromethane	9.894	83	353014	54.681	ug/l	99
48) Methyl methacrylate	9.688	41	211491	48.940	ug/l	90
49) 1,4-Dioxane	9.700	88	89028	1090.761	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1393880	257.276	ug/l	93
52) Toluene	10.635	92	617059	53.650	ug/l	97
53) t-1,3-Dichloropropene	10.847	75	351708	51.445	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	381478	50.635	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	249942	54.730	ug/l	99
56) Ethyl methacrylate	10.882	69	362077	52.437	ug/l	91
57) 1,3-Dichloropropane	11.171	76	415593	53.084	ug/l	99
59) 2-Hexanone	11.200	43	993636	247.953	ug/l	93
60) Dibromochloromethane	11.365	129	273650	58.044	ug/l	98
61) 1,2-Dibromoethane	11.477	107	246949	54.204	ug/l	100
64) Tetrachloroethene	11.112	164	241777	58.877	ug/l	97
65) Chlorobenzene	11.900	112	668474	52.512	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.971	131	257538	58.469	ug/l	98
67) Ethyl Benzene	11.971	91	1179105	51.686	ug/l	100
68) m/p-Xylenes	12.076	106	921393	106.594	ug/l	99
69) o-Xylene	12.406	106	461466	54.285	ug/l	100
70) Styrene	12.418	104	728412	53.940	ug/l	98
71) Bromoform	12.588	173	175696	59.961	ug/l #	96
73) Isopropylbenzene	12.700	105	1178274	53.576	ug/l	100
74) N-amyl acetate	12.500	43	346259	42.595	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	343310	50.742	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	302703m	47.375	ug/l	
77) Bromobenzene	12.988	156	263750	52.551	ug/l	95
78) n-propylbenzene	13.041	91	1332396	51.388	ug/l	99
79) 2-Chlorotoluene	13.129	91	800628	51.748	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	998421	54.015	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	92806	46.429	ug/l	95
82) 4-Chlorotoluene	13.229	91	760285	49.389	ug/l	97
83) tert-Butylbenzene	13.447	119	874579	54.199	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	985537	54.214	ug/l	99
85) sec-Butylbenzene	13.623	105	1212298	52.863	ug/l	100
86) p-Isopropyltoluene	13.735	119	1001400	54.773	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	467770	50.397	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	452765	49.158	ug/l	100
89) n-Butylbenzene	14.065	91	809964	48.166	ug/l	98
90) Hexachloroethane	14.341	117	173554	57.785	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	462603	53.351	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59850	45.691	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	205511	40.558	ug/l	97
94) Hexachlorobutadiene	15.506	225	103971	49.419	ug/l	98
95) Naphthalene	15.647	128	640834	36.743	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	213776	43.090	ug/l	97

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

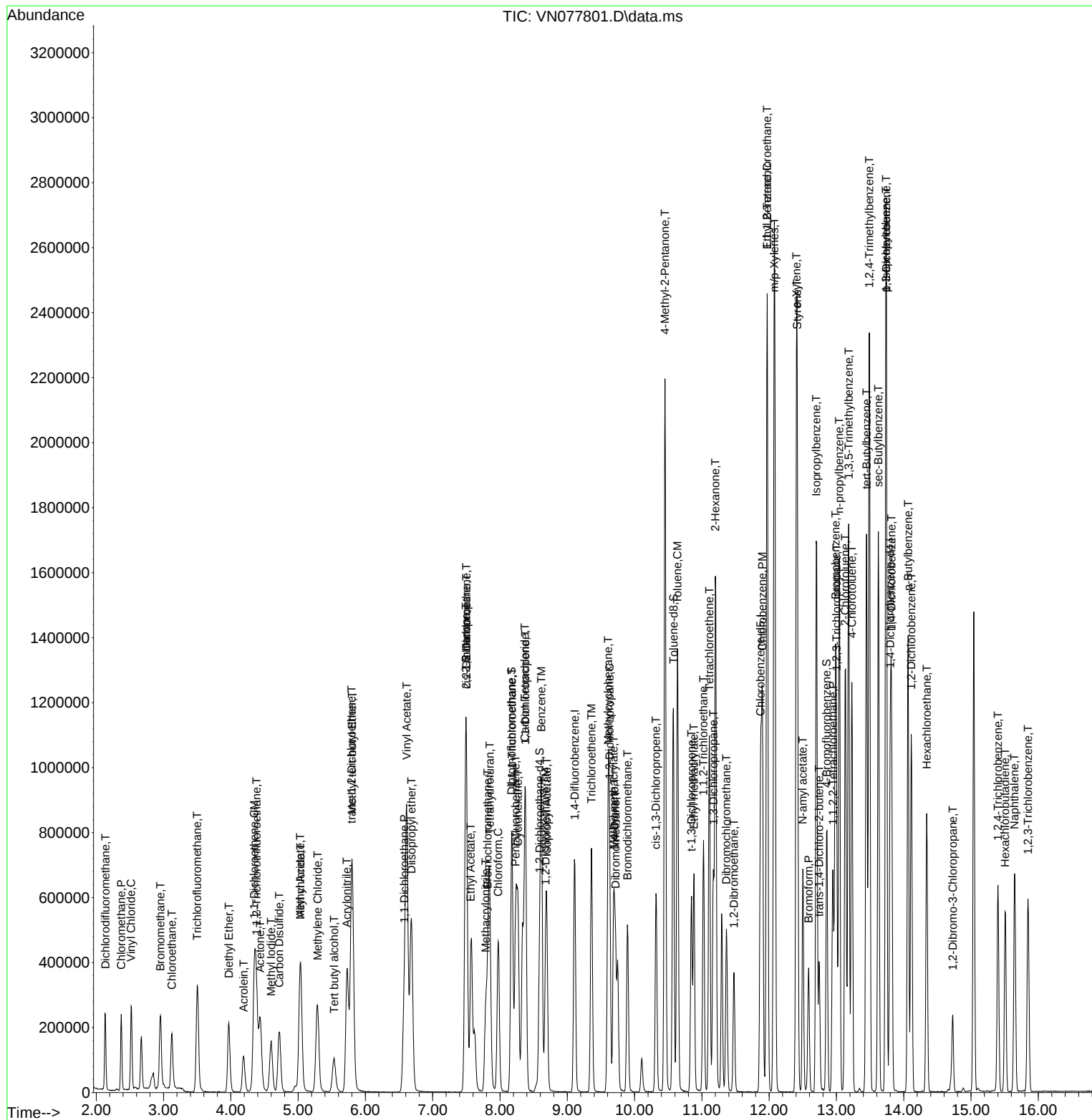
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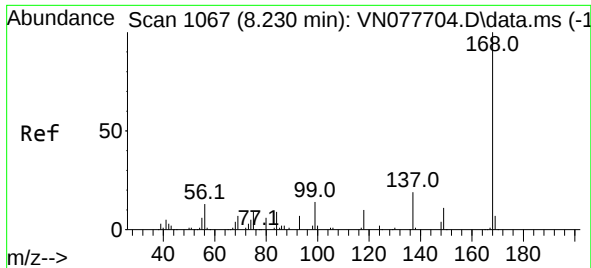
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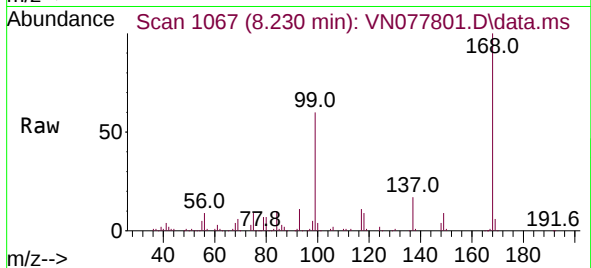
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077801.D
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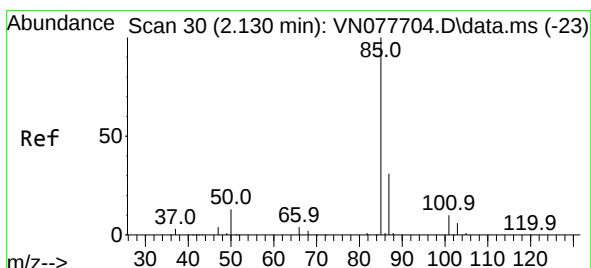
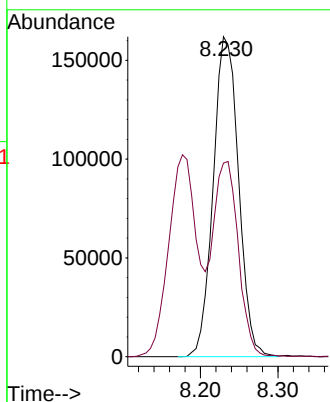
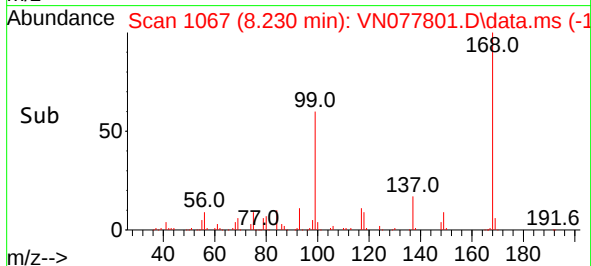
Instrument :
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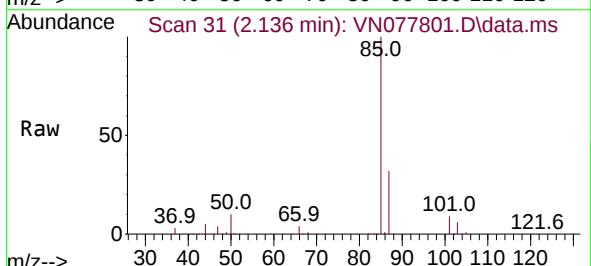
Tgt Ion:168 Resp: 368218
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6

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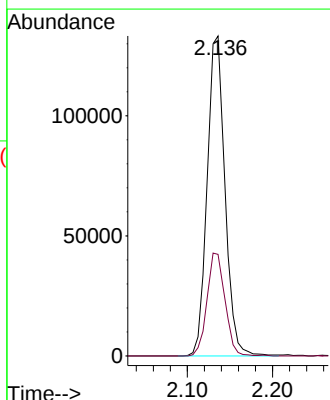
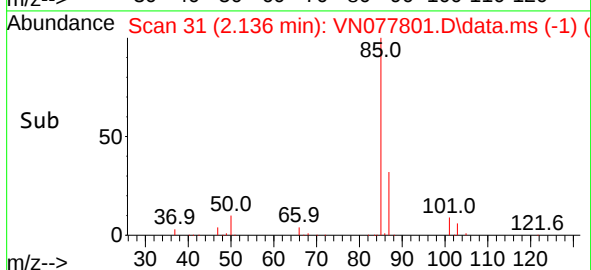
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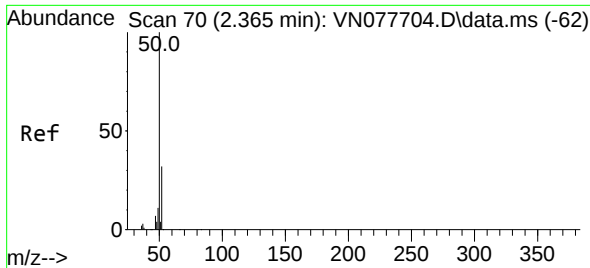


#2
Dichlorodifluoromethane
Concen: 46.221 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



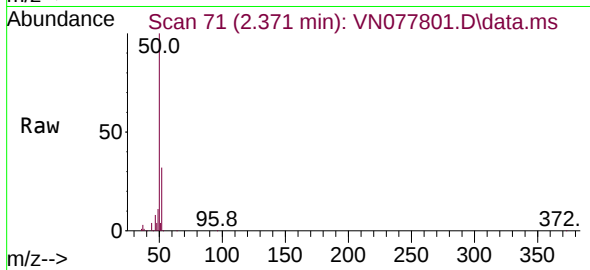
Tgt Ion: 85 Resp: 193690
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4





#3
Chloromethane
Concen: 43.483 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

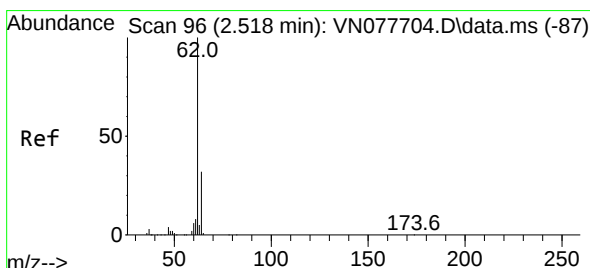
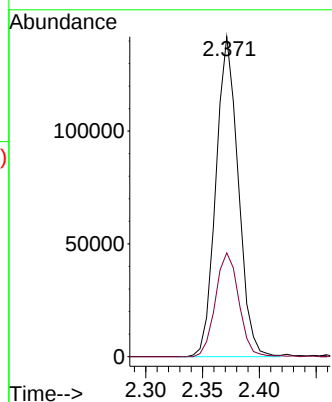
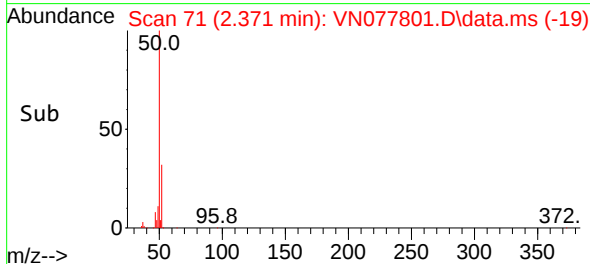
Instrument :
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Tgt Ion: 50 Resp: 19423
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

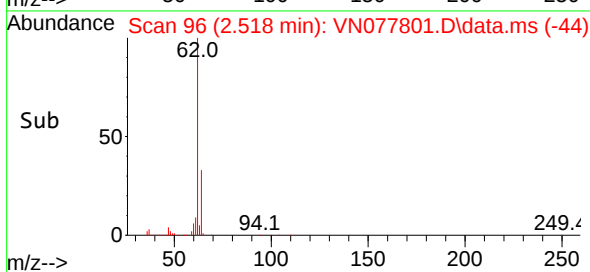
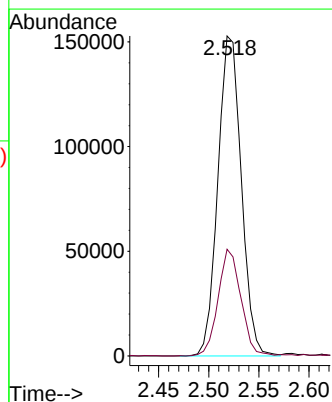
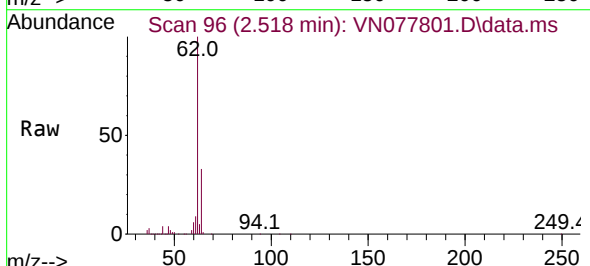
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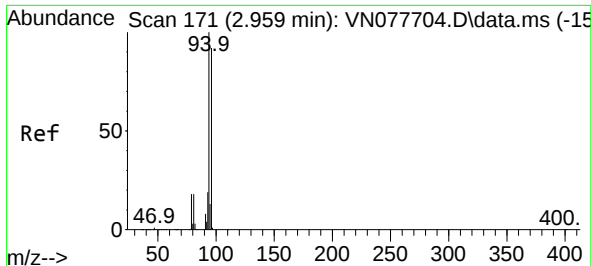
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#4
Vinyl Chloride
Concen: 47.029 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

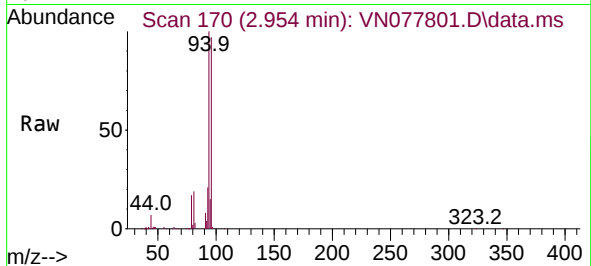
Tgt Ion: 62 Resp: 248475
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2





#5
Bromomethane
Concen: 47.264 ug/l
RT: 2.954 min Scan# 171
Delta R.T. 0.007 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

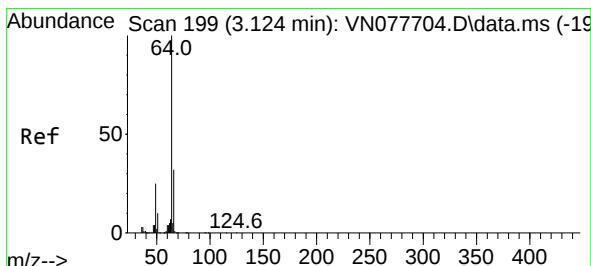
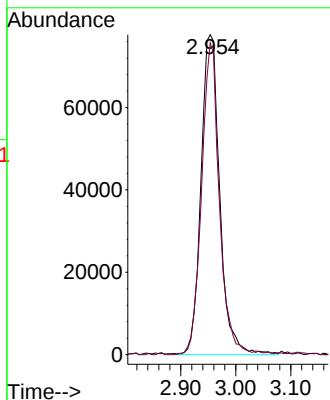
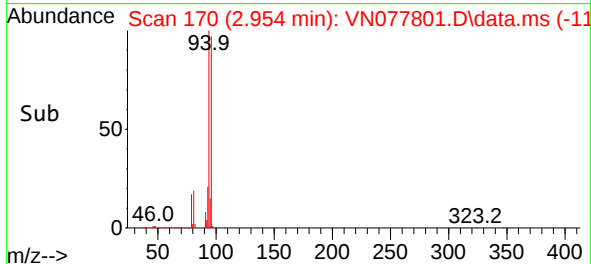
Instrument :
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Tgt Ion: 94 Resp: 18468
Ion Ratio Lower Upper
94 100
96 97.0 73.1 109.7

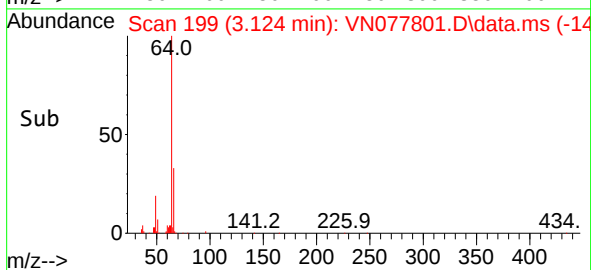
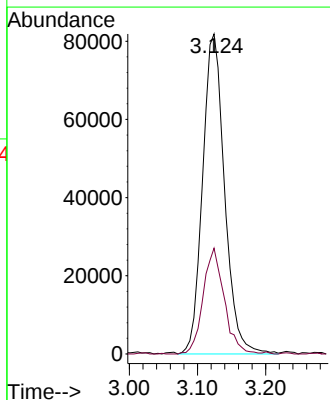
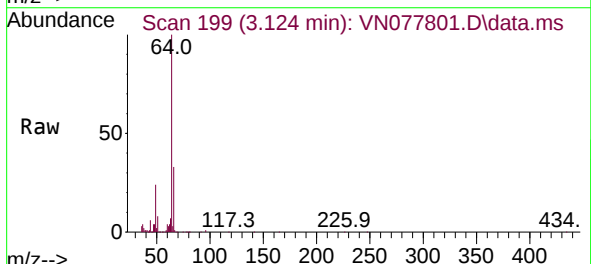
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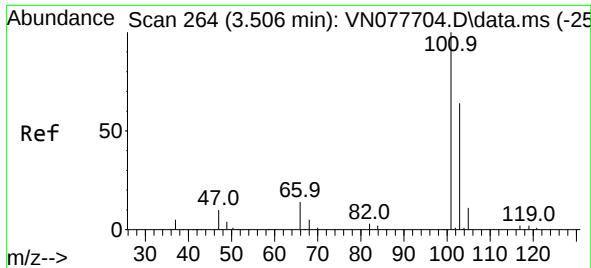
Reviewed By :John Carlone 05/23/2023
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#6
Chloroethane
Concen: 48.274 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

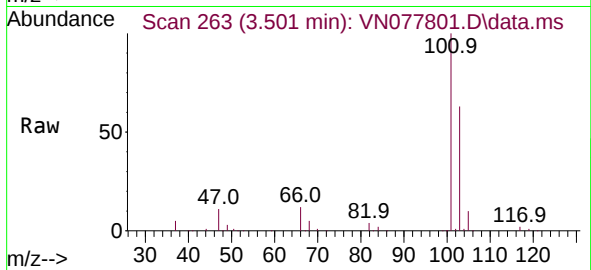
Tgt Ion: 64 Resp: 183810
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 50.579 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

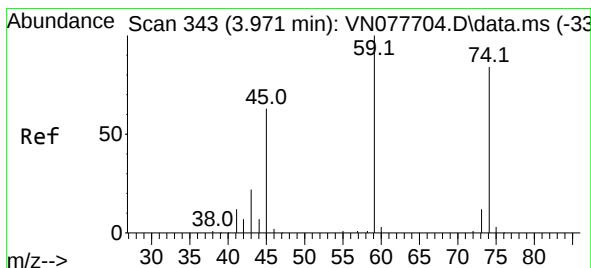
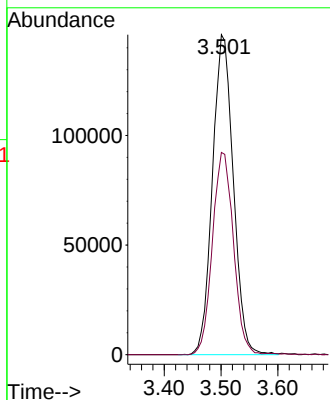
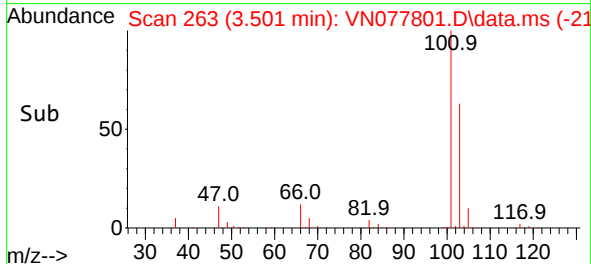
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Tgt Ion:101 Resp: 372420
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1

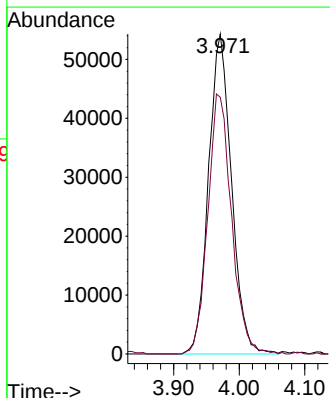
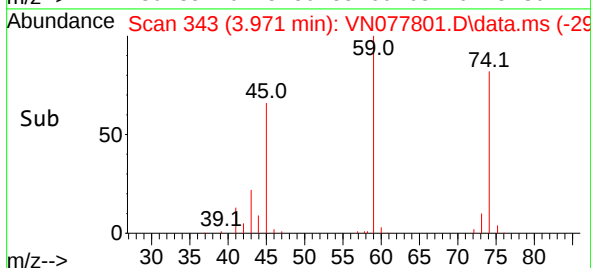
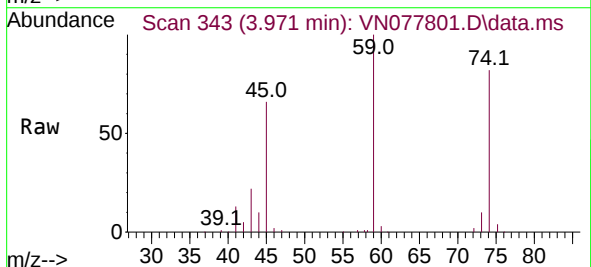
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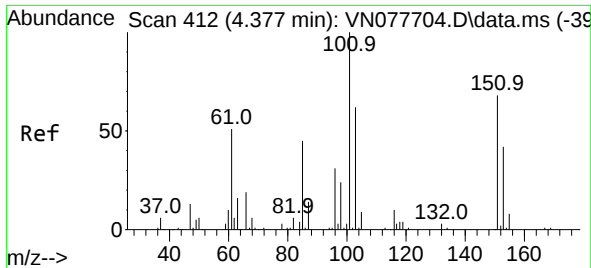
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#8
Diethyl Ether
Concen: 49.132 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion: 74 Resp: 132069
Ion Ratio Lower Upper
74 100
45 83.9 34.4 103.3





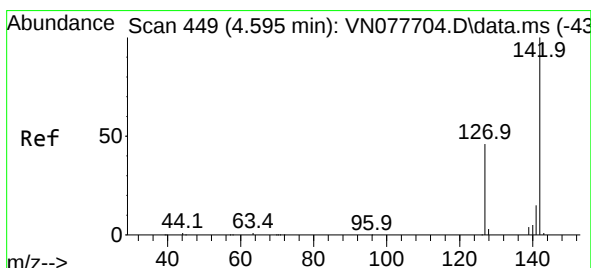
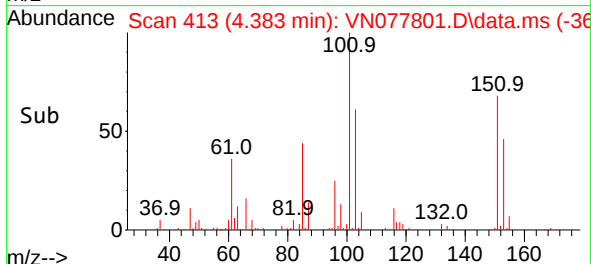
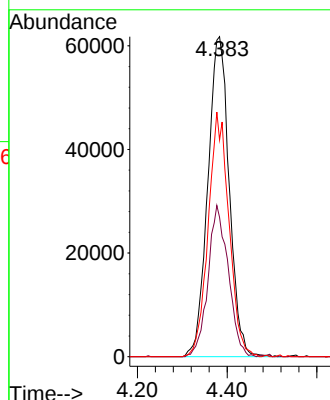
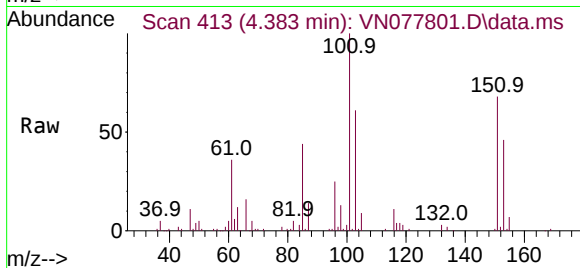
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.262 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion:101 Resp: 204800
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 74.0 57.6 86.4

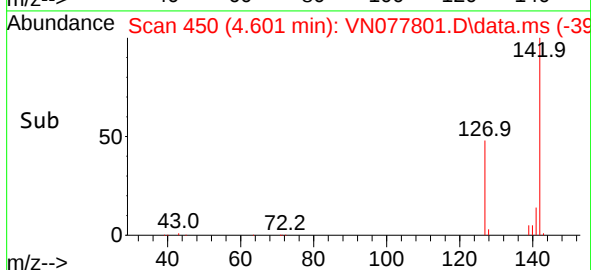
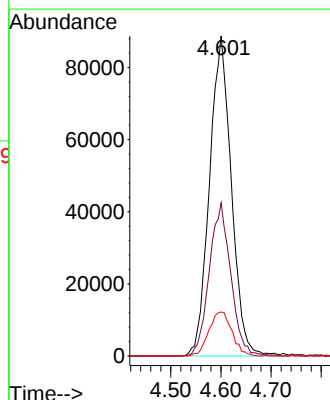
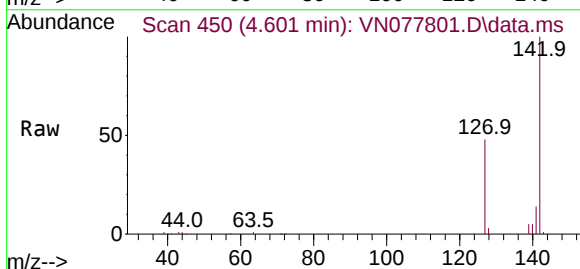
Manual Integrations
APPROVED

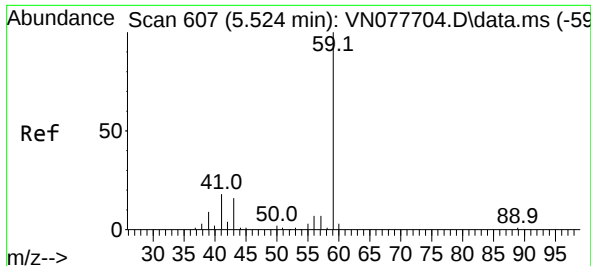
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 55.390 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

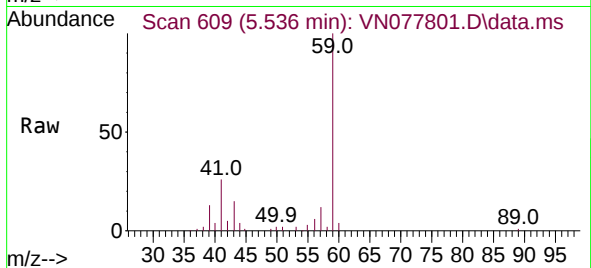
Tgt Ion:142 Resp: 269173
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 245.892 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

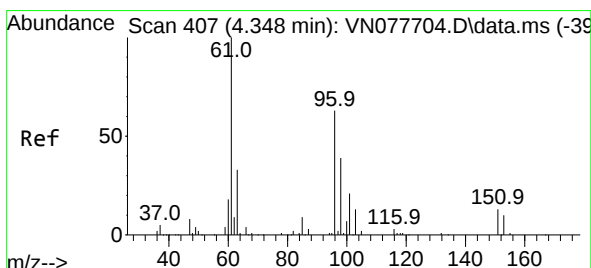
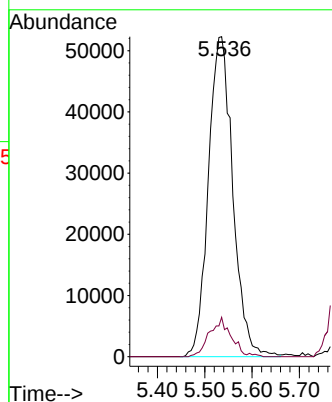
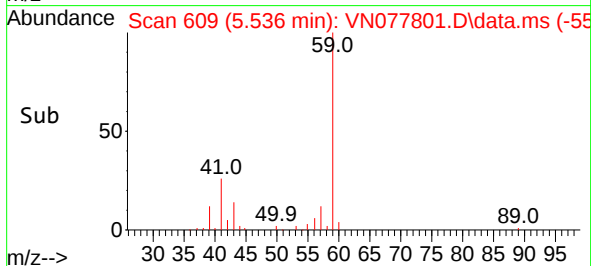
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 59 Resp: 18696
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

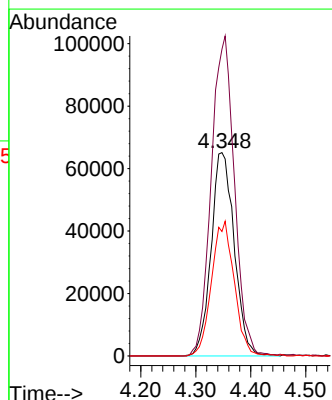
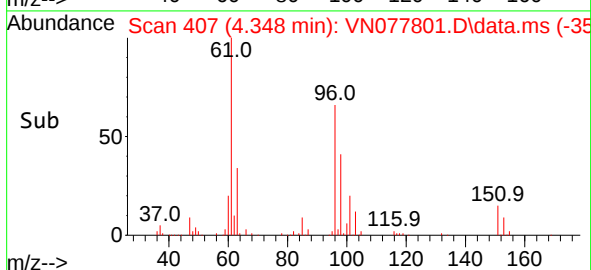
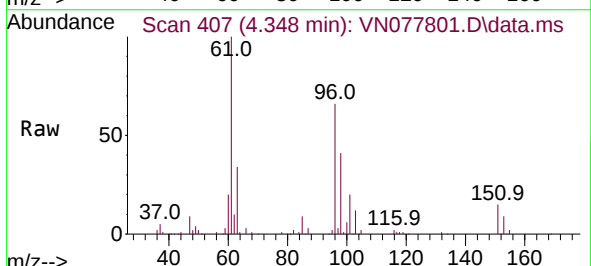
Manual Integrations
APPROVED

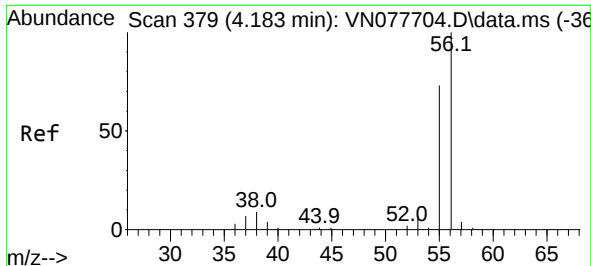
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#12
1,1-Dichloroethene
Concen: 49.149 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion: 96 Resp: 190347
Ion Ratio Lower Upper
96 100
61 150.8 112.7 169.1
98 61.2 51.2 76.8





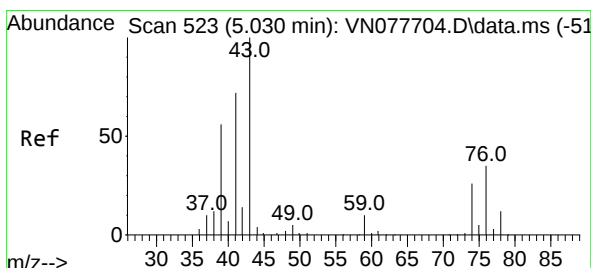
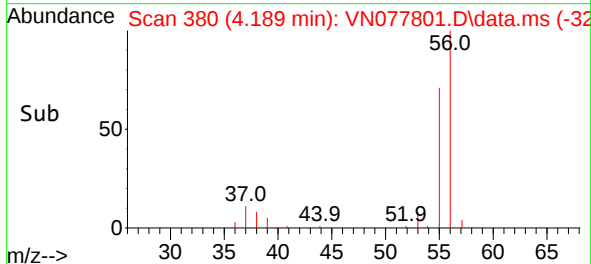
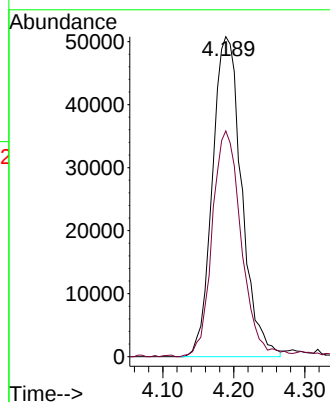
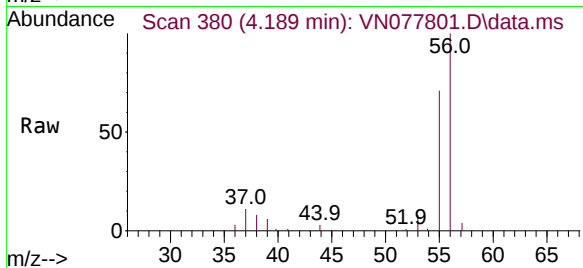
#13
Acrolein
Concen: 314.024 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion: 56 Resp: 14506
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

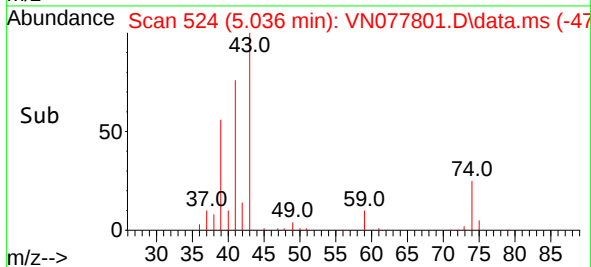
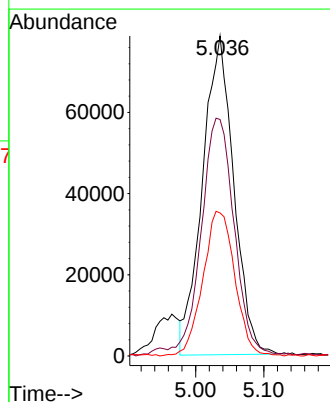
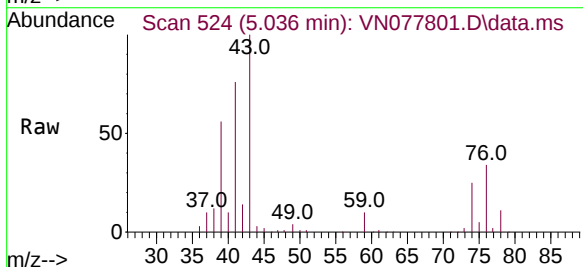
Manual Integrations
APPROVED

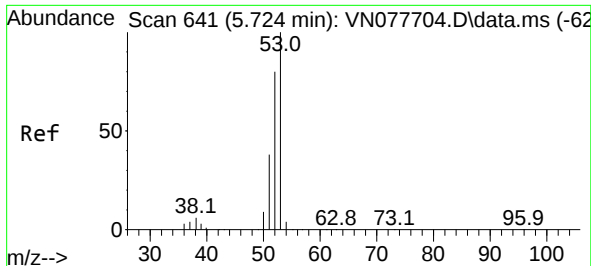
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 43.971 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

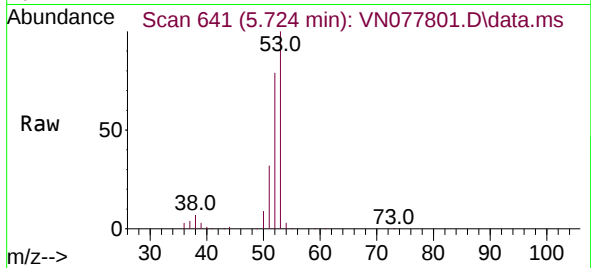
Tgt Ion: 41 Resp: 250165
Ion Ratio Lower Upper
41 100
39 78.1 58.8 88.2
76 46.5 39.1 58.7





#15
Acrylonitrile
Concen: 247.044 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

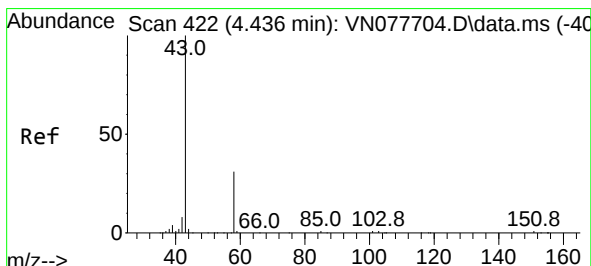
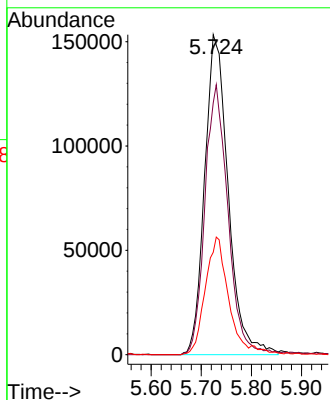
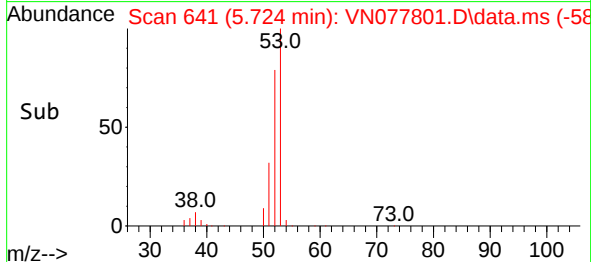
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



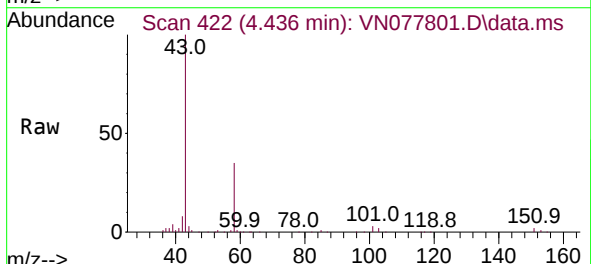
Tgt Ion: 53 Resp: 501845
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.7 28.9 43.3

Manual Integrations
APPROVED

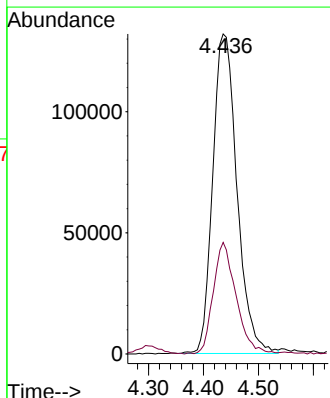
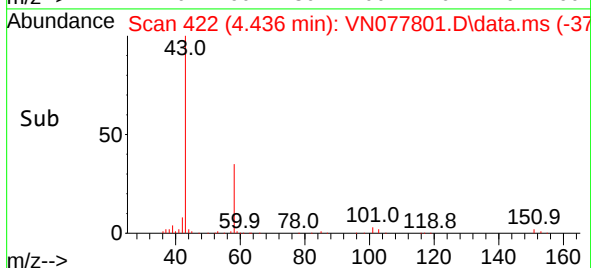
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

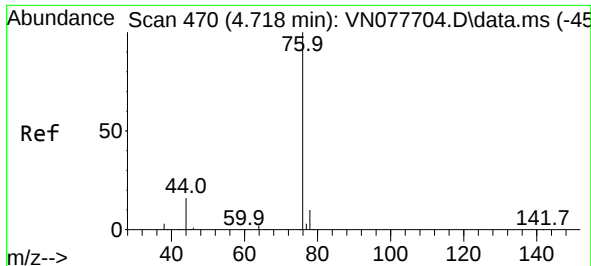


#16
Acetone
Concen: 233.215 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



Tgt Ion: 43 Resp: 404245
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





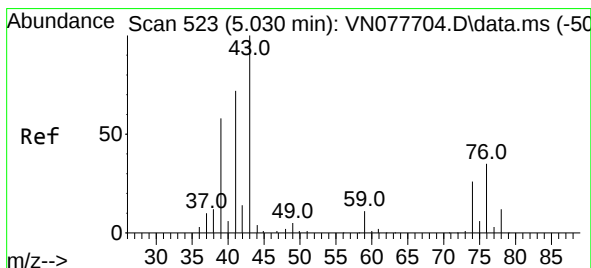
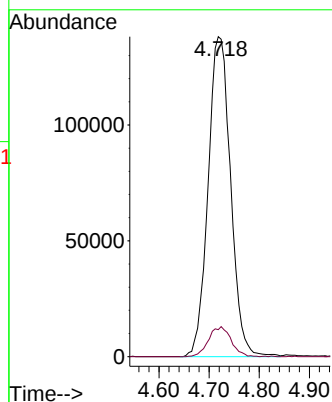
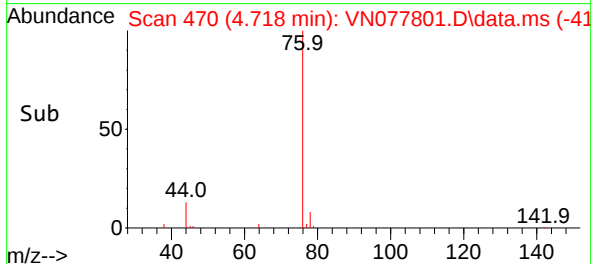
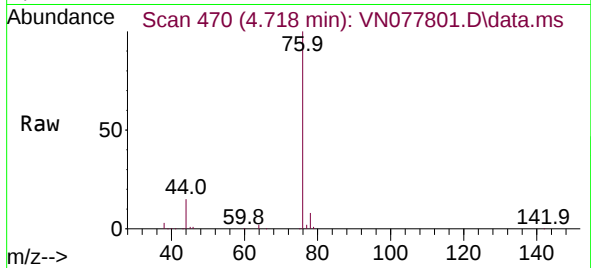
#17
Carbon Disulfide
Concen: 41.313 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion: 76 Resp: 43110
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

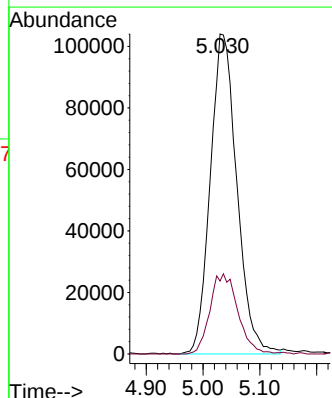
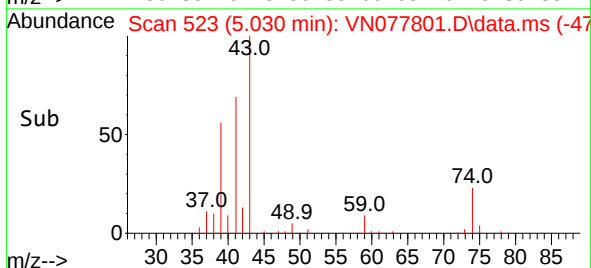
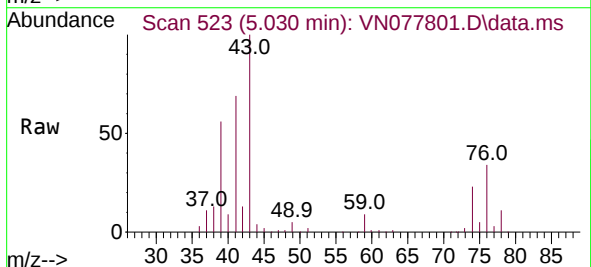
Manual Integrations
APPROVED

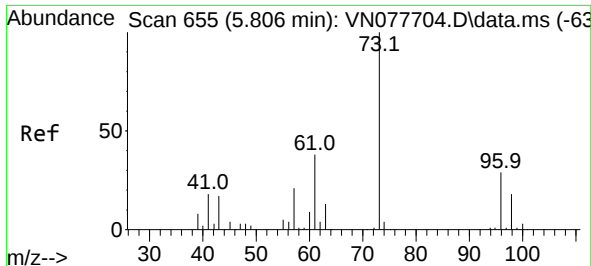
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 46.501 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

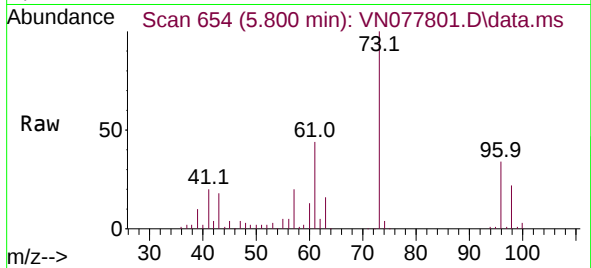
Tgt Ion: 43 Resp: 338143
Ion Ratio Lower Upper
43 100
74 26.2 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 49.804 ug/l
RT: 5.800 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

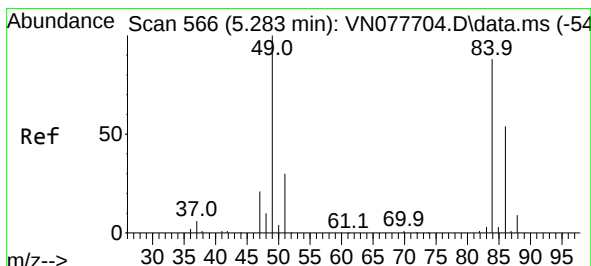
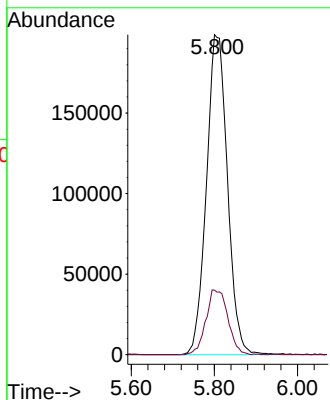
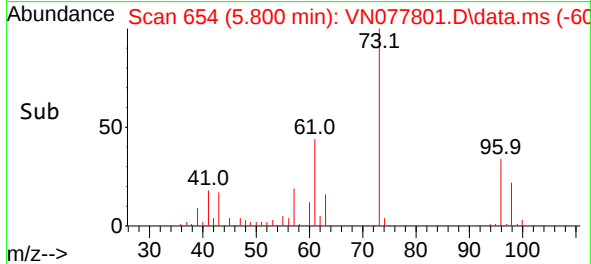
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 73 Resp: 698158
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4

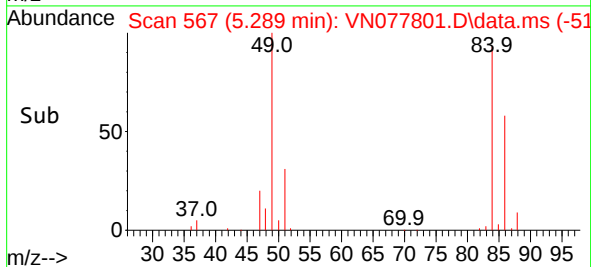
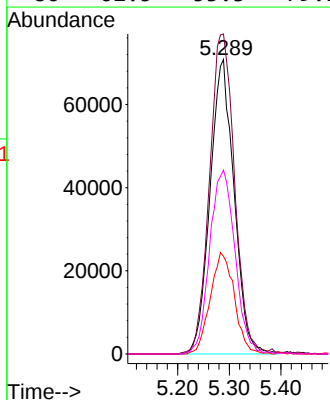
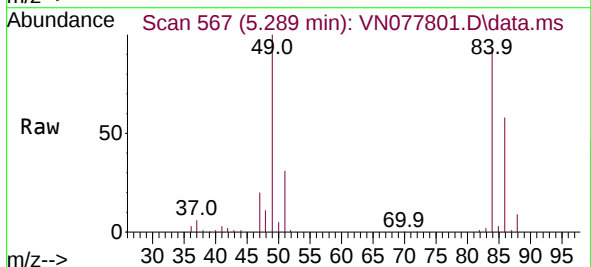
Manual Integrations
APPROVED

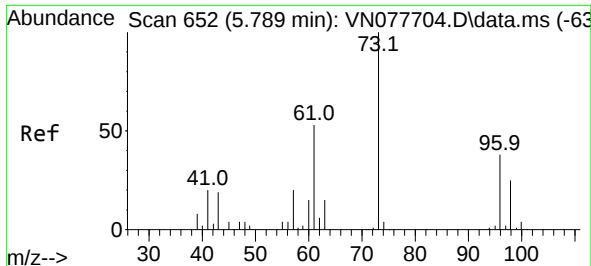
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 50.725 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

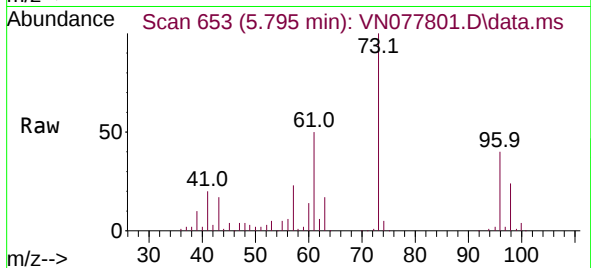
Tgt Ion: 84 Resp: 228720
Ion Ratio Lower Upper
84 100
49 108.6 79.7 119.5
51 33.2 25.2 37.8
86 62.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.321 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

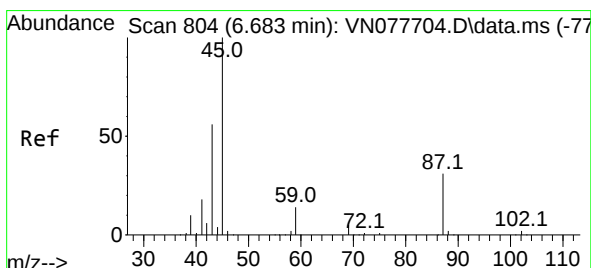
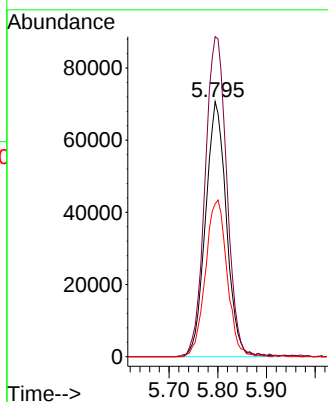
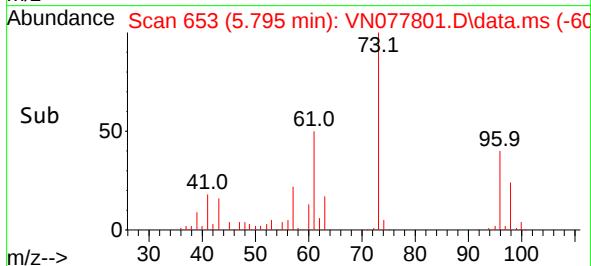
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 96 Resp: 21021
Ion Ratio Lower Upper
96 100
61 125.3 90.1 135.1
98 59.9 46.4 69.6

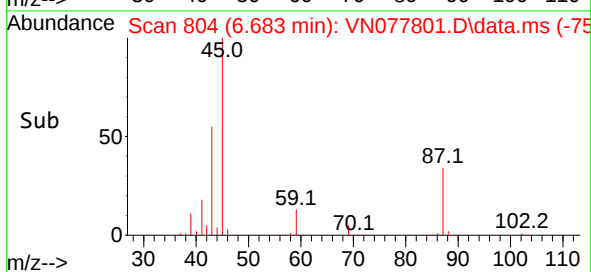
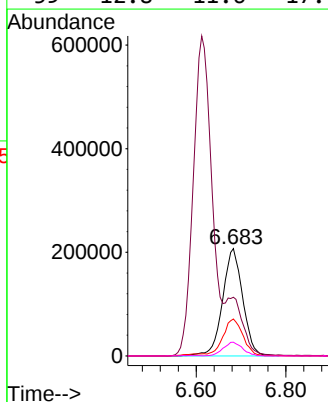
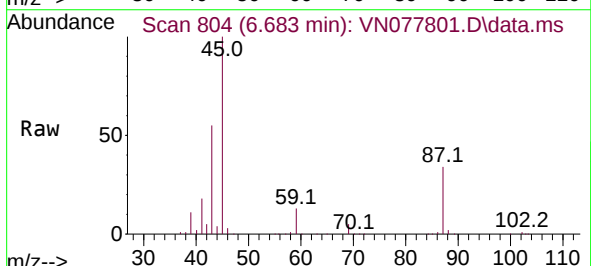
Manual Integrations
APPROVED

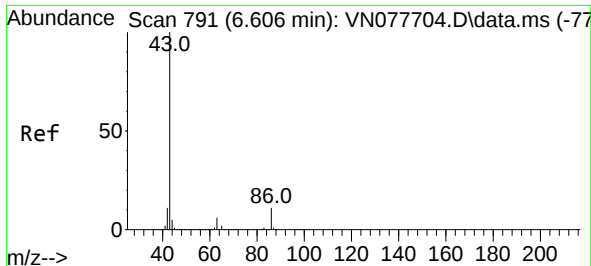
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 48.568 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion: 45 Resp: 647673
Ion Ratio Lower Upper
45 100
43 53.7 45.5 68.3
87 34.2 31.8 47.8
59 12.8 11.6 17.4





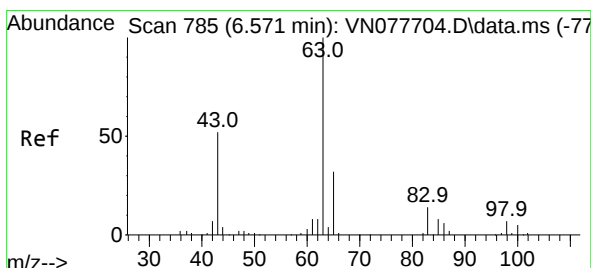
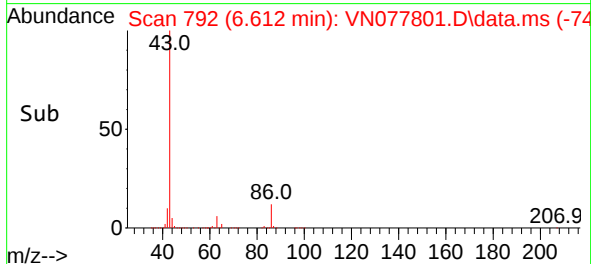
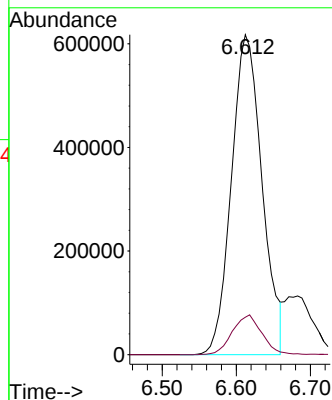
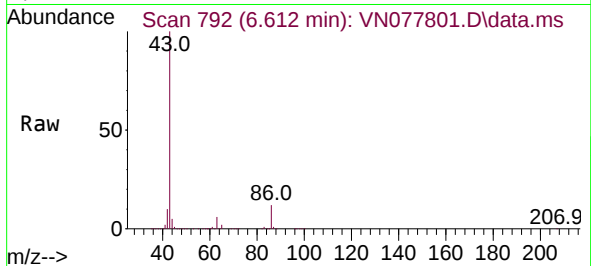
#23
 Vinyl Acetate
 Concen: 214.590 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077801.D
 Acq: 22 May 2023 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MS

Tgt Ion: 43 Resp: 1773028
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

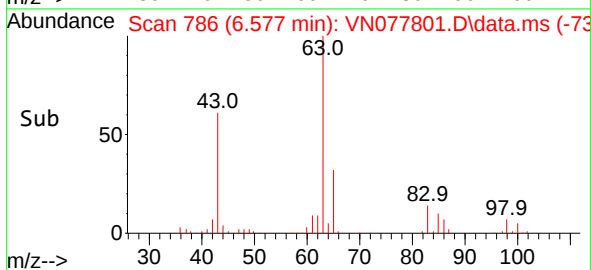
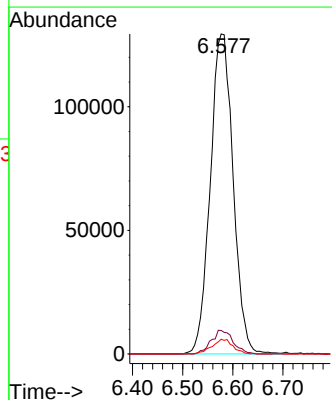
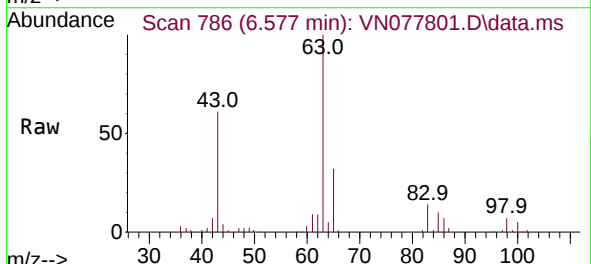
Manual Integrations
 APPROVED

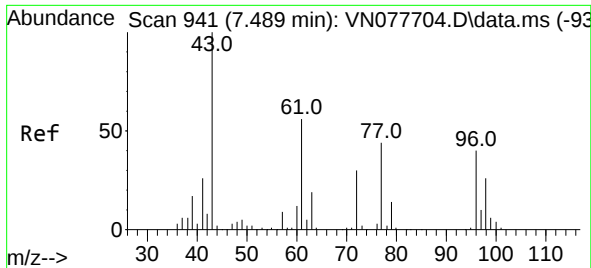
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#24
 1,1-Dichloroethane
 Concen: 50.143 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077801.D
 Acq: 22 May 2023 19:53

Tgt Ion: 63 Resp: 409662
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.6 2.5 7.4





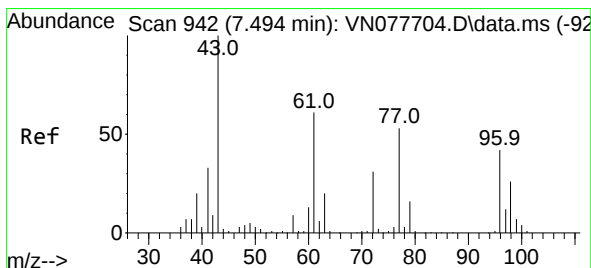
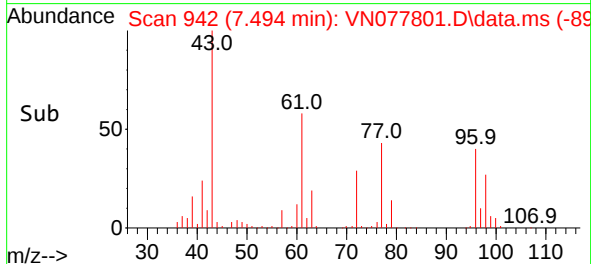
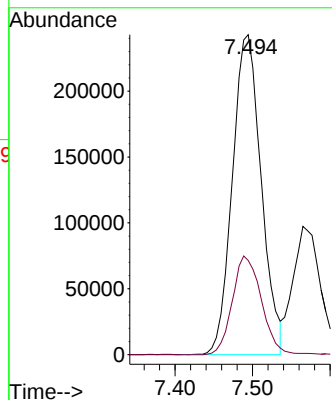
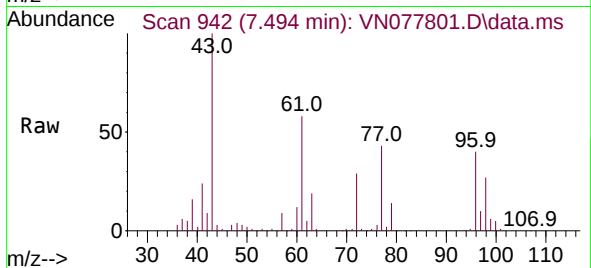
#25
2-Butanone
Concen: 231.626 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion: 43 Resp: 62805
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2

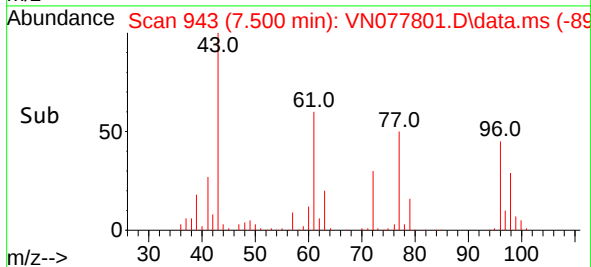
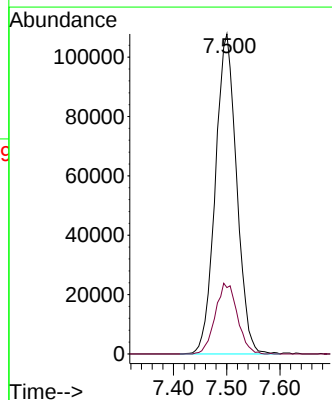
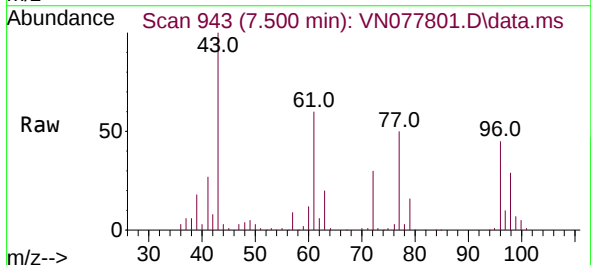
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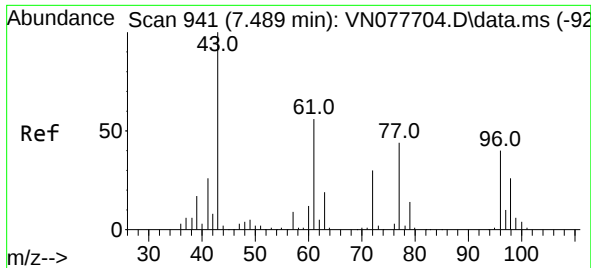
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 43.091 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

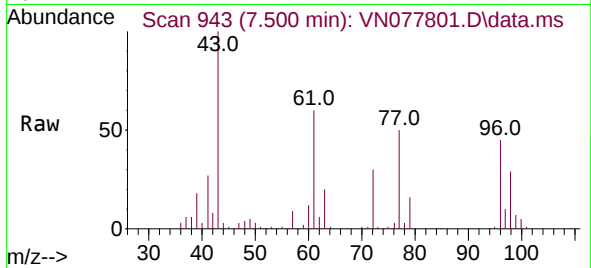
Tgt Ion: 77 Resp: 299092
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.622 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077801.D
 Acq: 22 May 2023 19:53

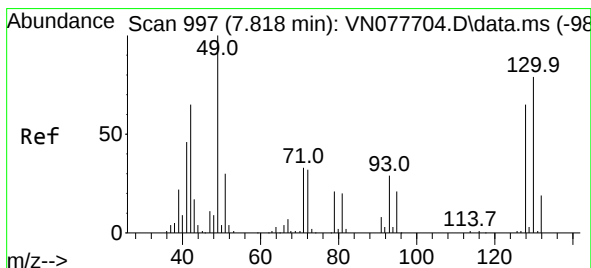
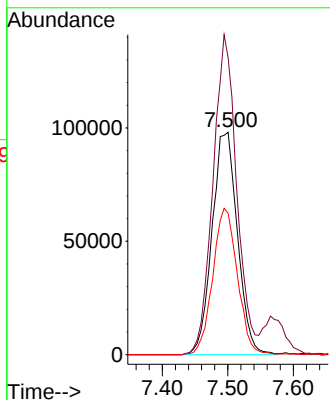
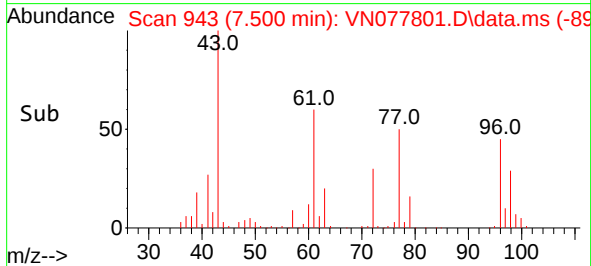
Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MS



Tgt Ion: 96 Resp: 264058
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 255.2
 98 63.8 0.0 128.8

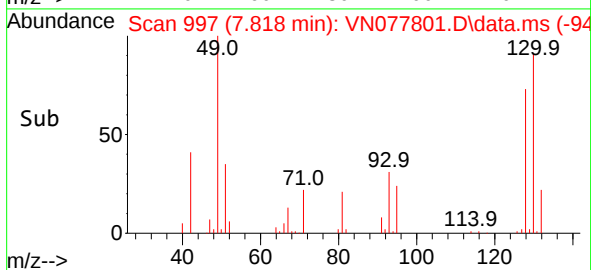
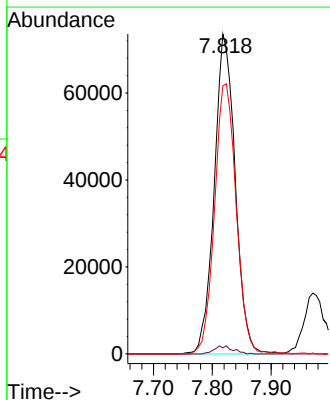
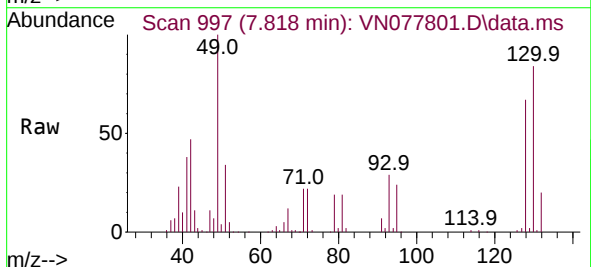
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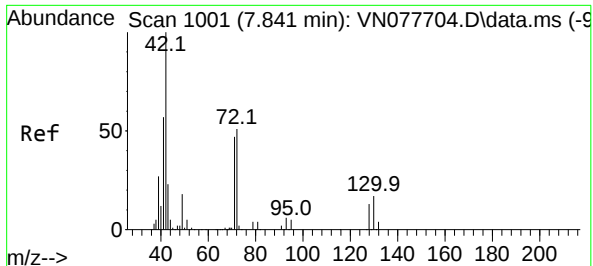
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#28
 Bromochloromethane
 Concen: 51.606 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077801.D
 Acq: 22 May 2023 19:53

Tgt Ion: 49 Resp: 182340
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 87.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 231.907 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion: 42 Resp: 41174

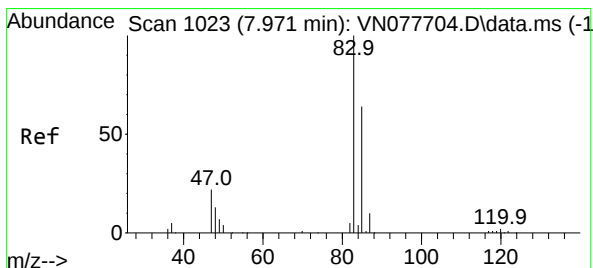
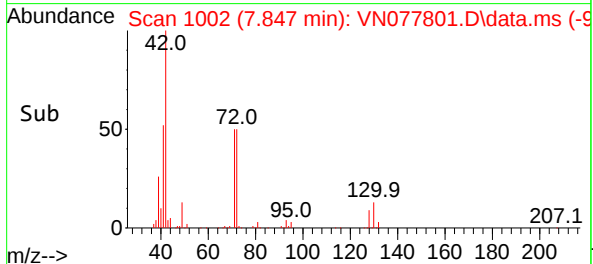
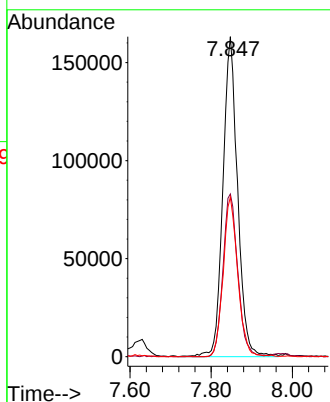
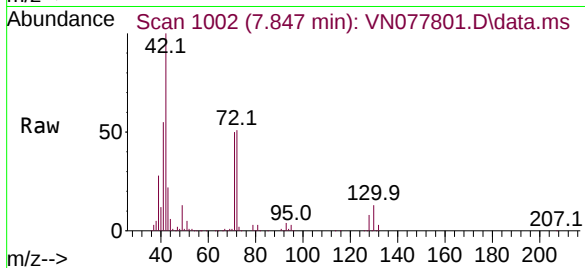
Ion	Ratio	Lower	Upper
42	100		
72	51.3	49.8	74.6
71	49.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 50.579 ug/l

RT: 7.971 min Scan# 1023

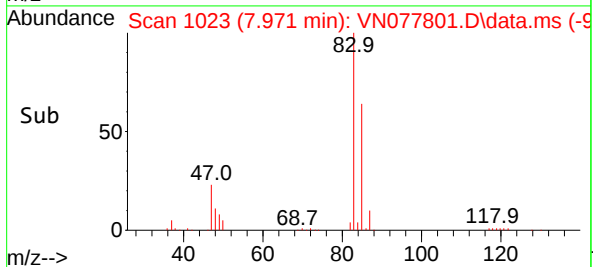
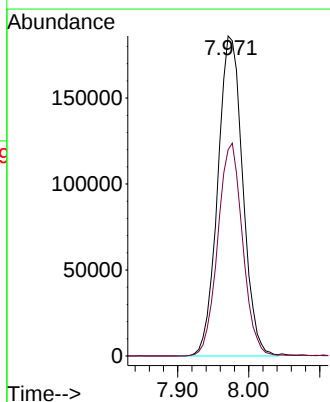
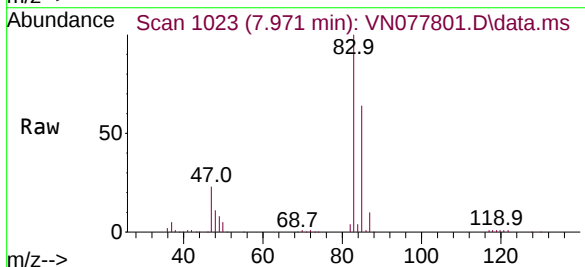
Delta R.T. -0.000 min

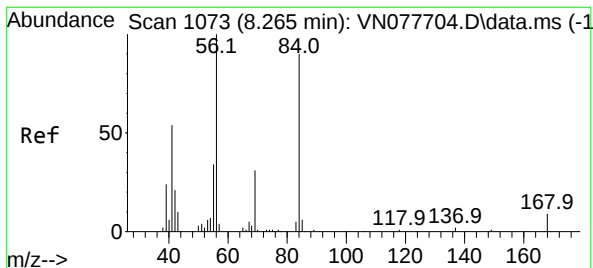
Lab File: VN077801.D

Acq: 22 May 2023 19:53

Tgt Ion: 83 Resp: 454565

Ion	Ratio	Lower	Upper
83	100		
85	64.4	55.4	83.0





#31

Cyclohexane

Concen: 43.320 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion: 56 Resp: 32438

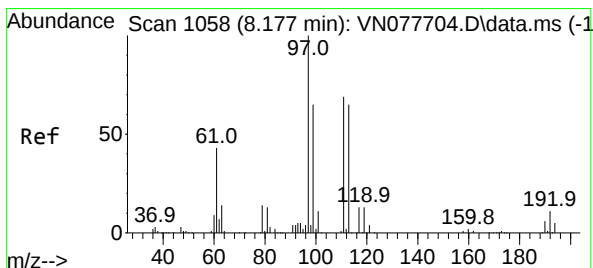
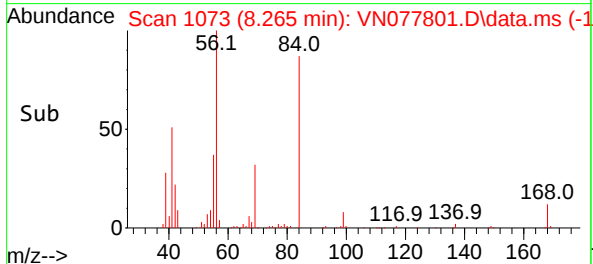
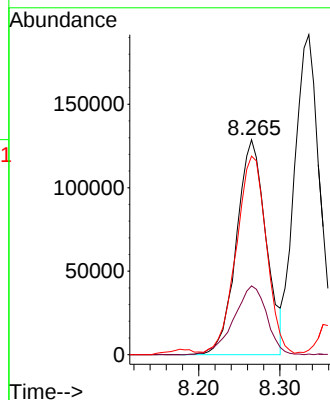
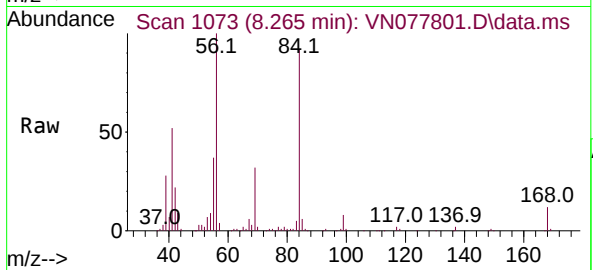
Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.8	40.2
84	89.9	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#32

1,1,1-Trichloroethane

Concen: 52.370 ug/l

RT: 8.177 min Scan# 1058

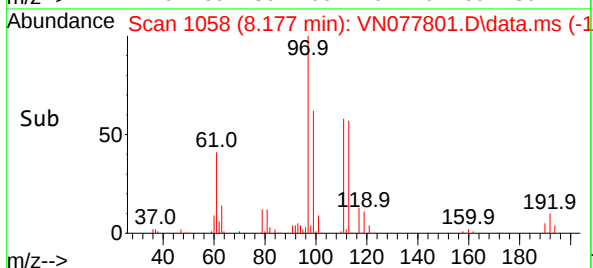
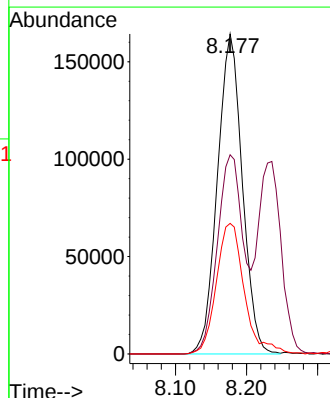
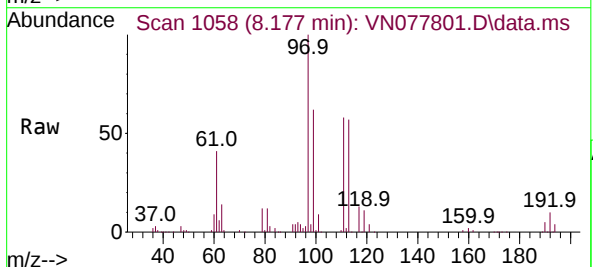
Delta R.T. 0.006 min

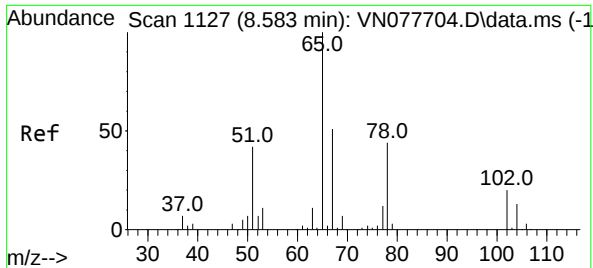
Lab File: VN077801.D

Acq: 22 May 2023 19:53

Tgt Ion: 97 Resp: 400151

Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.3	75.5
61	45.7	34.7	52.1





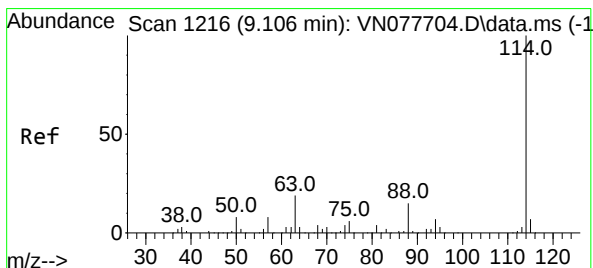
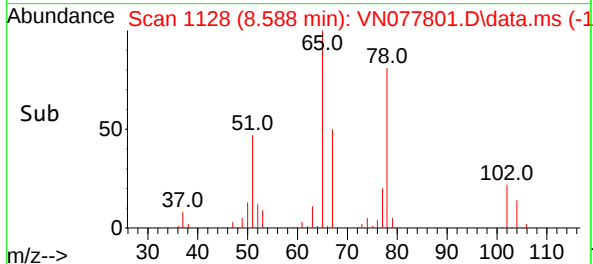
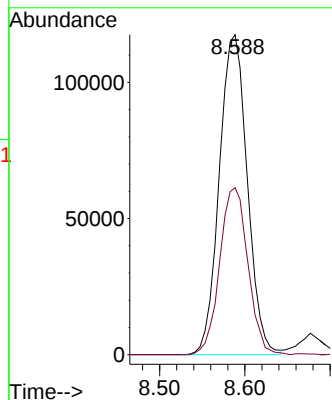
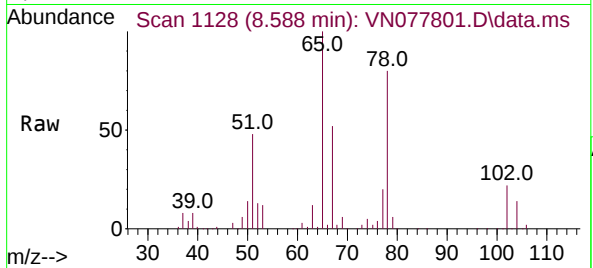
#33
1,2-Dichloroethane-d4
Concen: 48.673 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion: 65 Resp: 26816
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

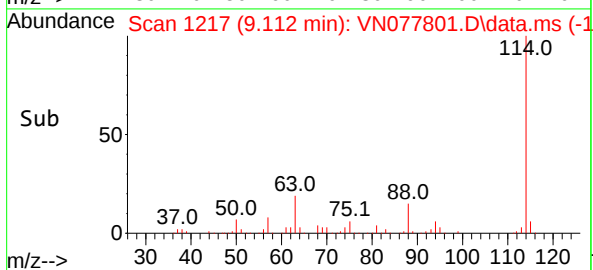
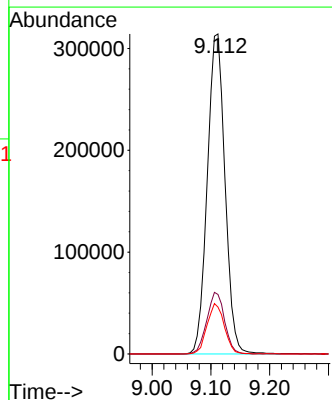
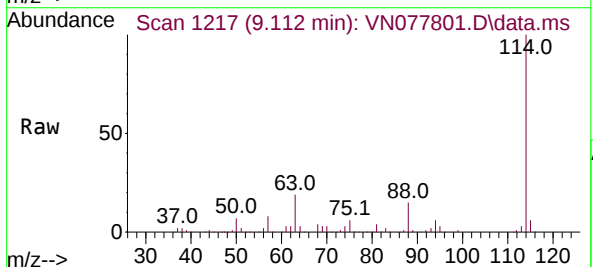
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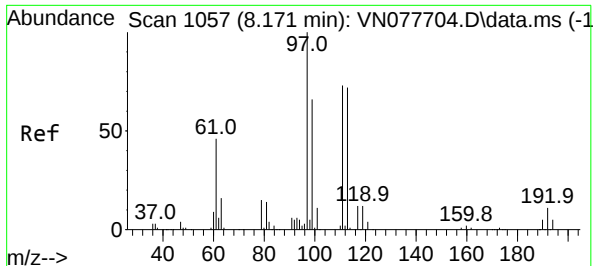
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion:114 Resp: 656403
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.722 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion: 113 Resp: 234228

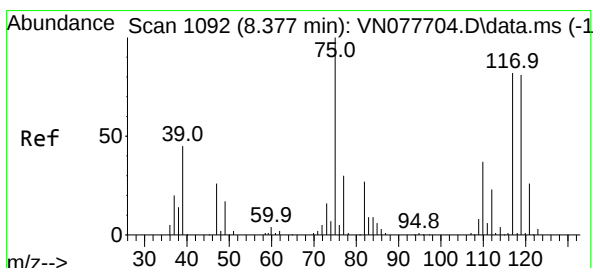
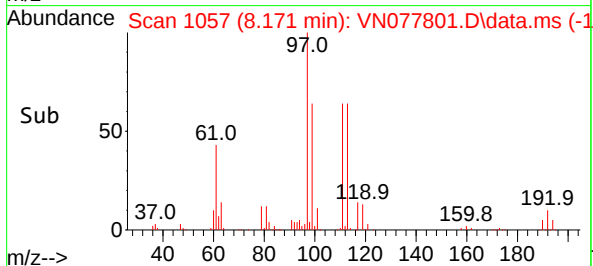
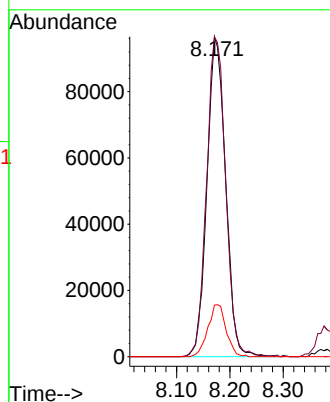
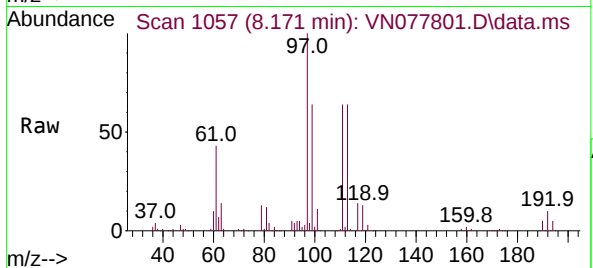
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	16.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/23/2023

Supervised By : Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 49.639 ug/l

RT: 8.377 min Scan# 1092

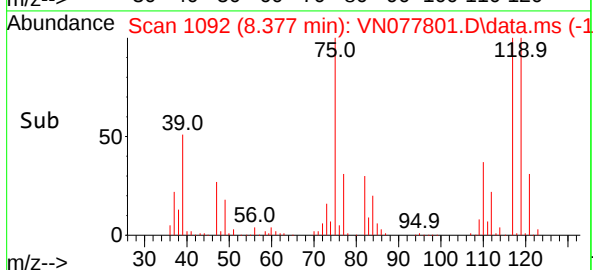
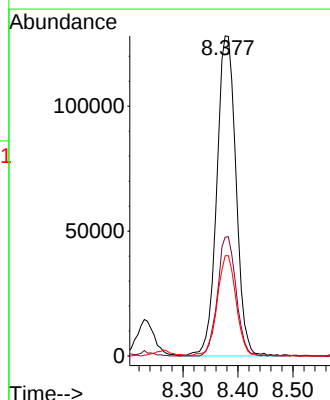
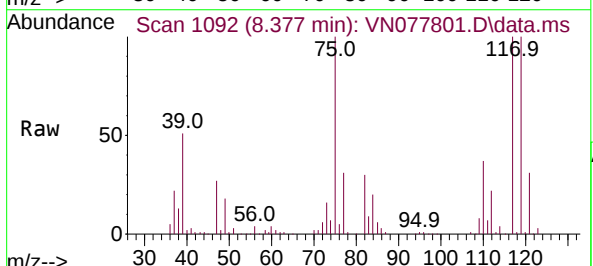
Delta R.T. -0.000 min

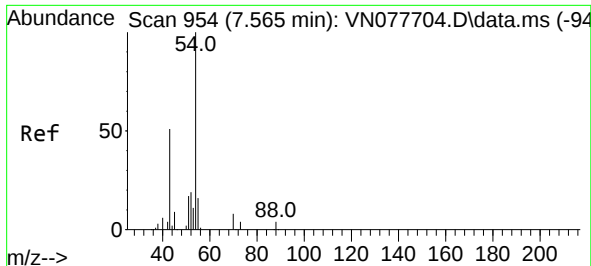
Lab File: VN077801.D

Acq: 22 May 2023 19:53

Tgt Ion: 75 Resp: 310772

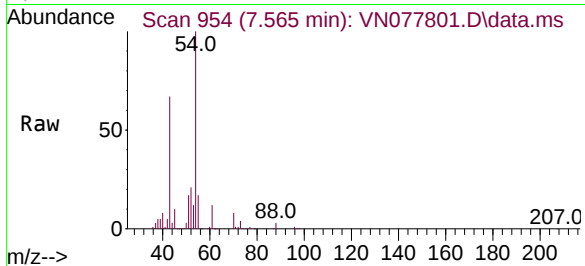
Ion	Ratio	Lower	Upper
75	100		
110	36.1	19.1	57.3
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 43.689 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

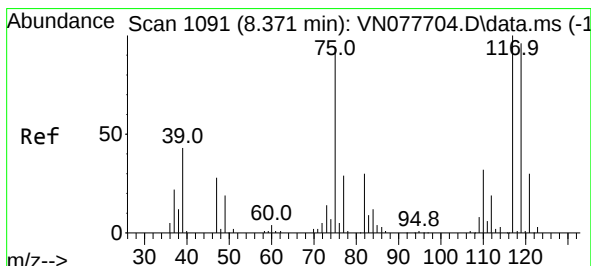
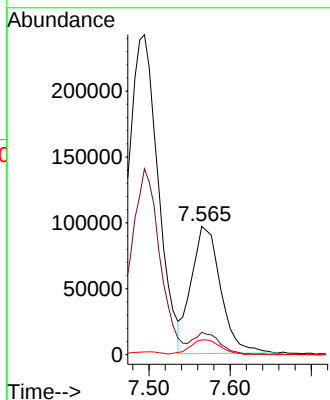
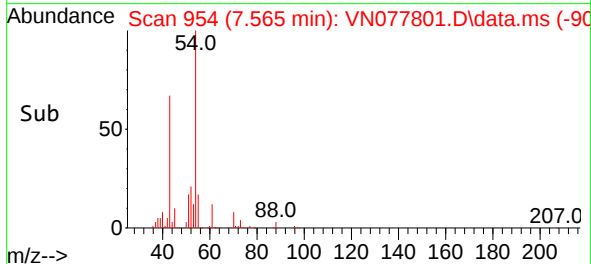
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 43 Resp: 243792
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 12.2 11.3 16.9

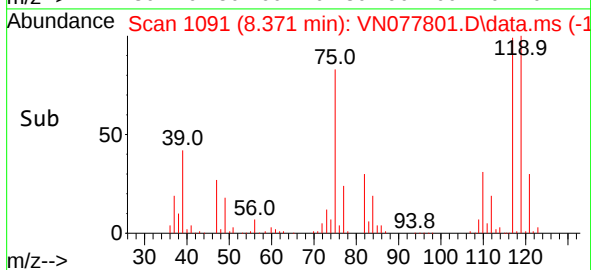
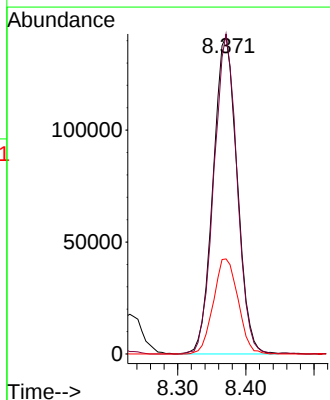
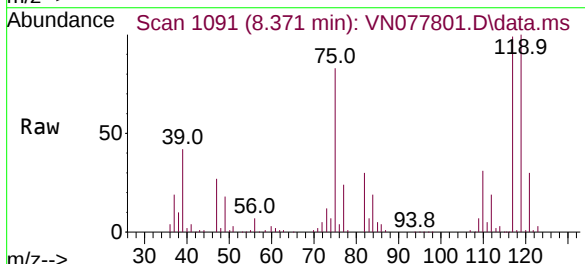
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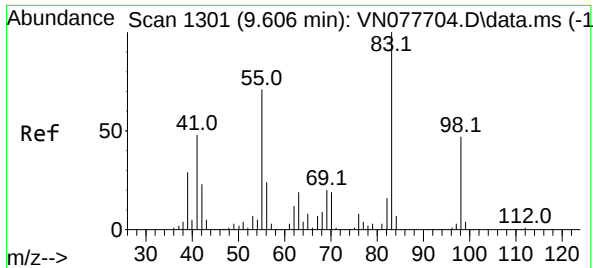
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#38
Carbon Tetrachloride
Concen: 55.004 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion:117 Resp: 347732
Ion Ratio Lower Upper
117 100
119 100.7 77.3 115.9
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 47.855 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion: 83 Resp: 36679

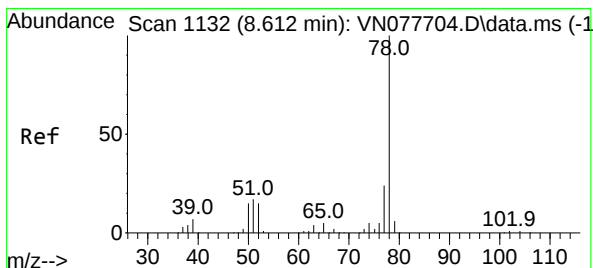
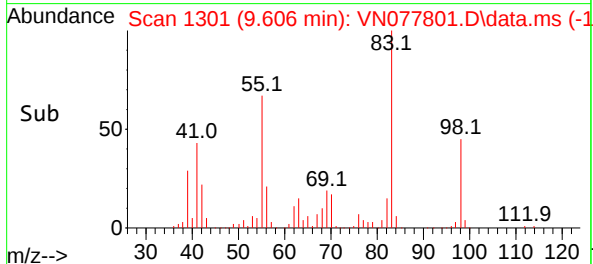
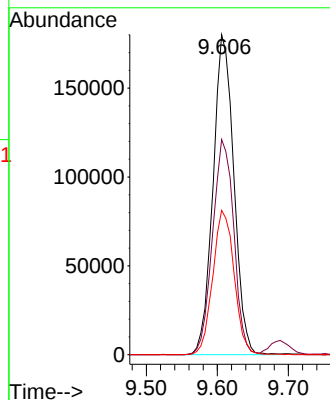
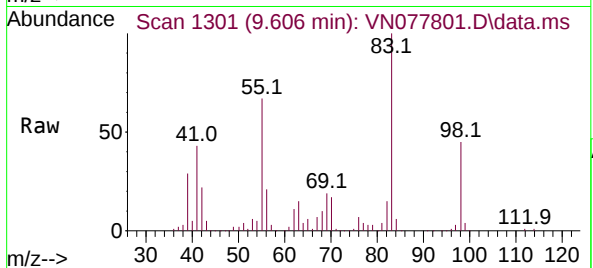
Ion	Ratio	Lower	Upper
83	100		
55	67.2	49.1	73.7
98	45.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#40

Benzene

Concen: 51.616 ug/l

RT: 8.612 min Scan# 1132

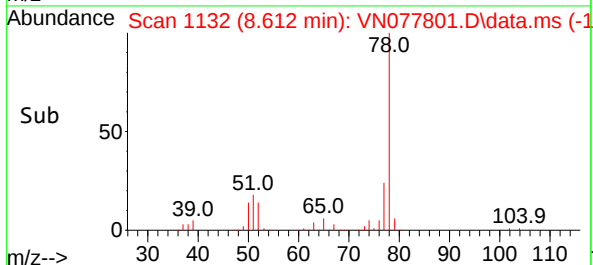
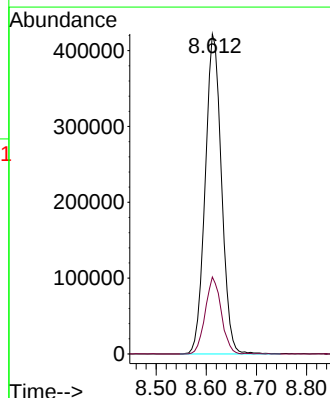
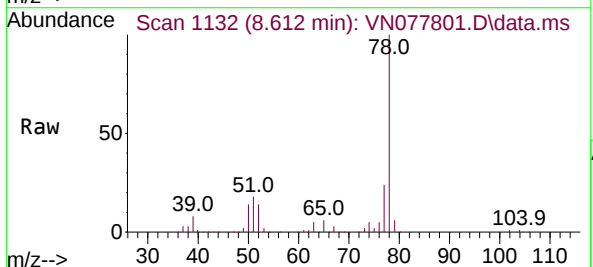
Delta R.T. 0.000 min

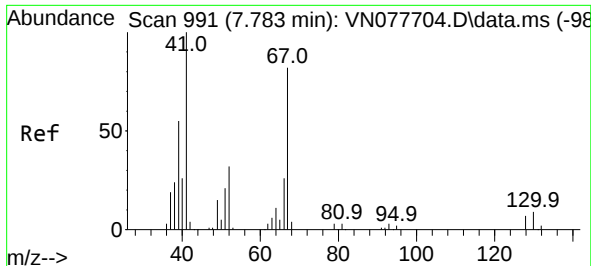
Lab File: VN077801.D

Acq: 22 May 2023 19:53

Tgt Ion: 78 Resp: 953595

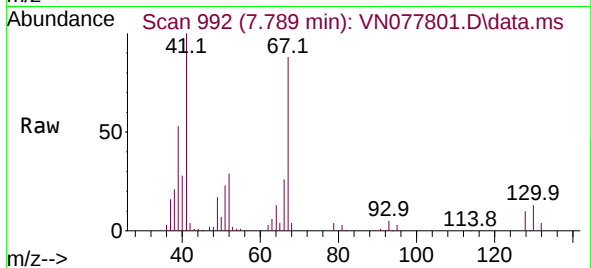
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 51.632 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.007 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

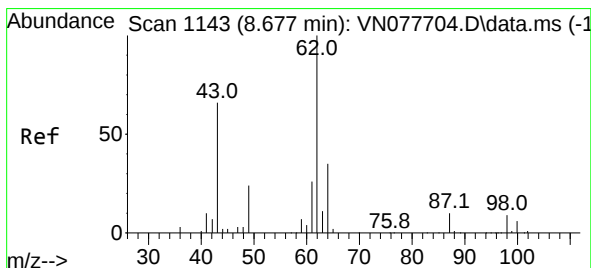
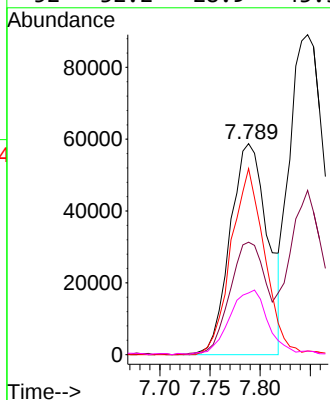
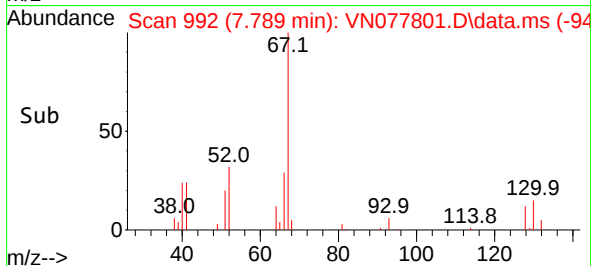
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



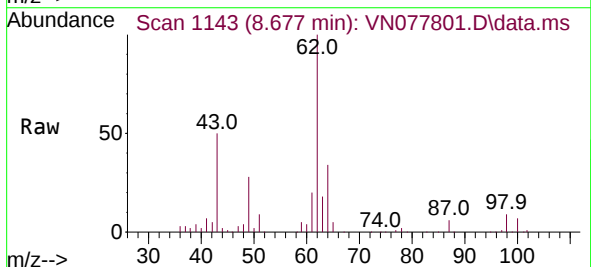
Tgt Ion: 41 Resp: 15343
Ion Ratio Lower Upper
41 100
39 51.1 42.6 64.0
67 79.5 77.5 116.3
52 32.2 28.9 43.3

Manual Integrations
APPROVED

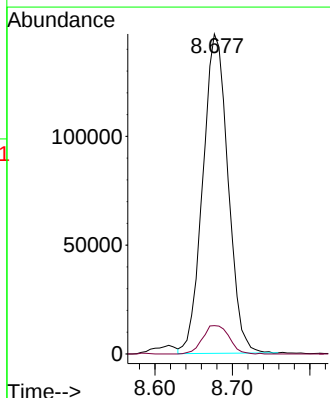
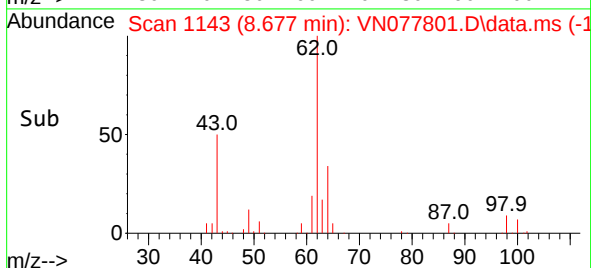
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

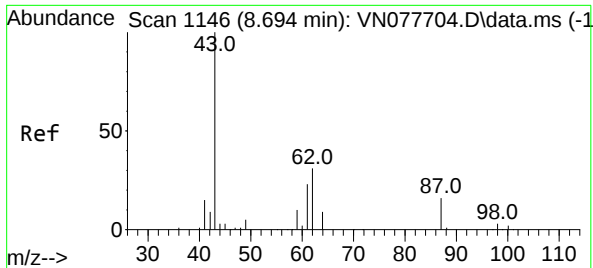


#42
1,2-Dichloroethane
Concen: 49.435 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



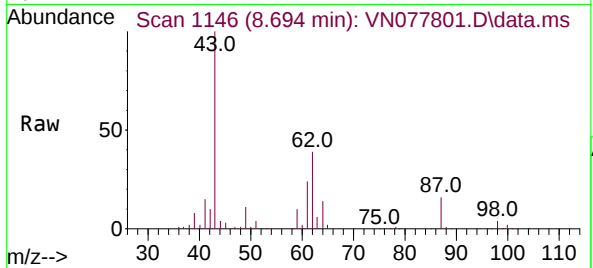
Tgt Ion: 62 Resp: 331767
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 47.307 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

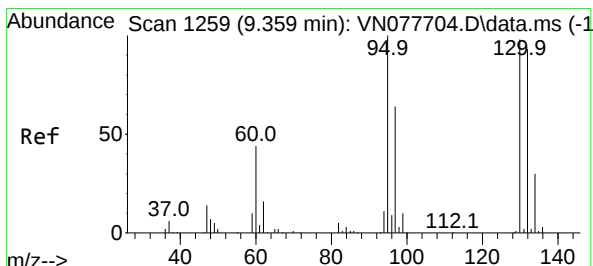
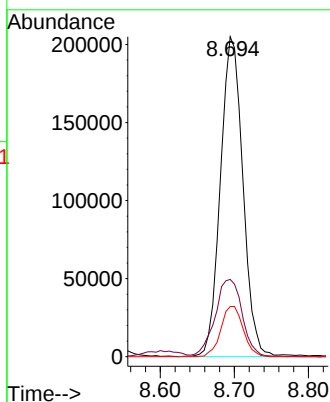
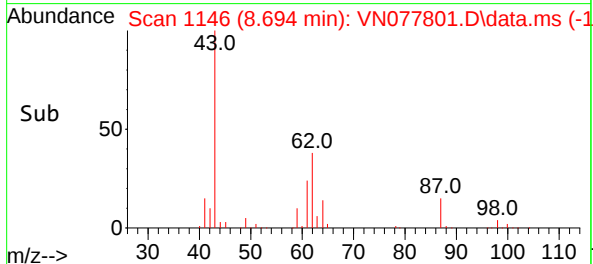
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 43 Resp: 431190
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 15.7 14.6 21.8

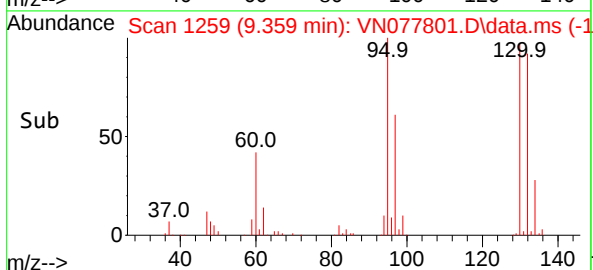
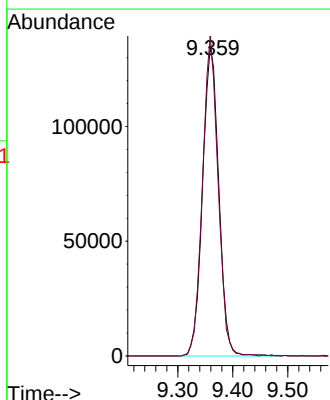
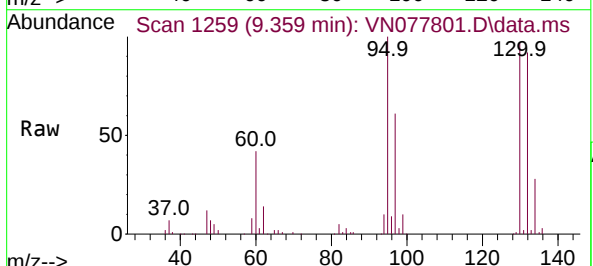
Manual Integrations
APPROVED

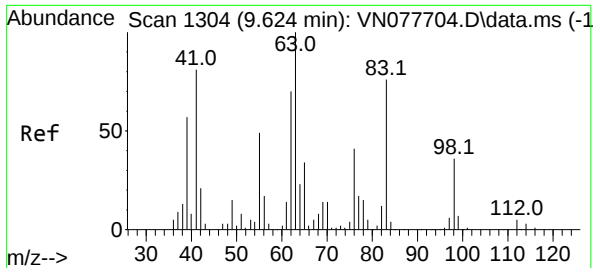
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#44
Trichloroethene
Concen: 58.985 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion:130 Resp: 275933
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.867 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion: 63 Resp: 24913

Ion Ratio Lower Upper

63 100

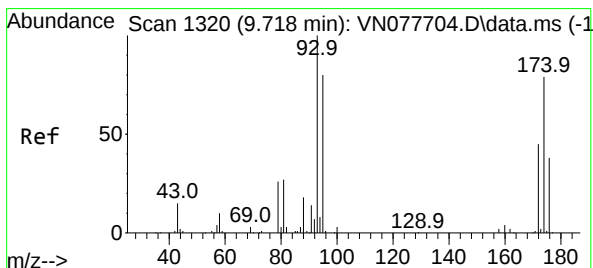
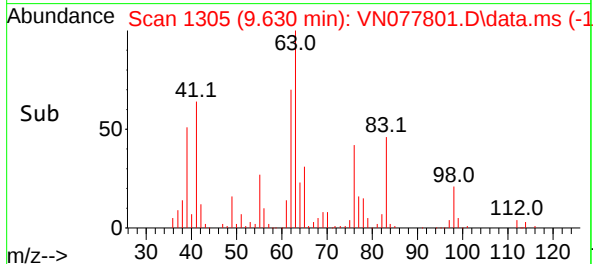
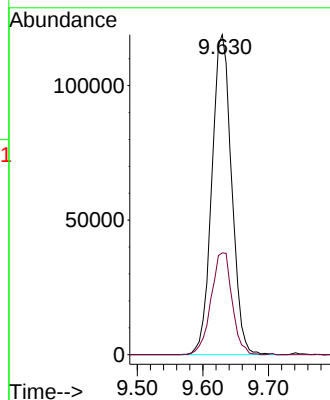
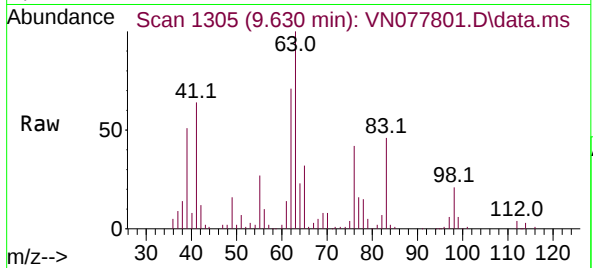
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 50.791 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

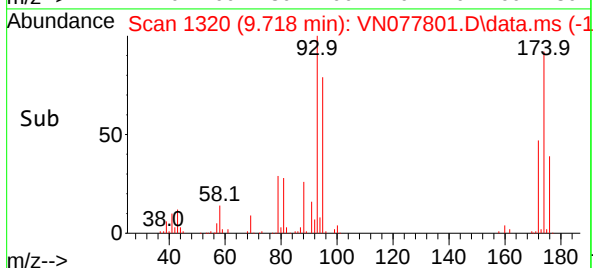
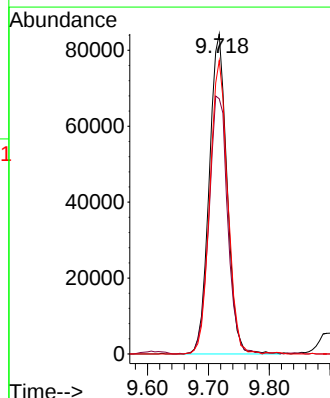
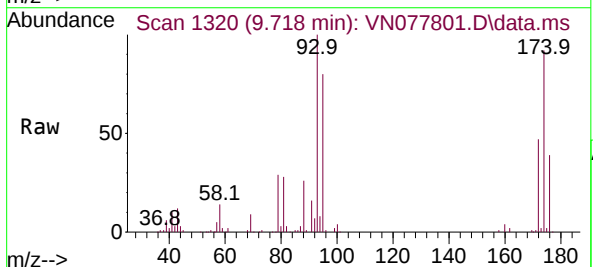
Tgt Ion: 93 Resp: 171271

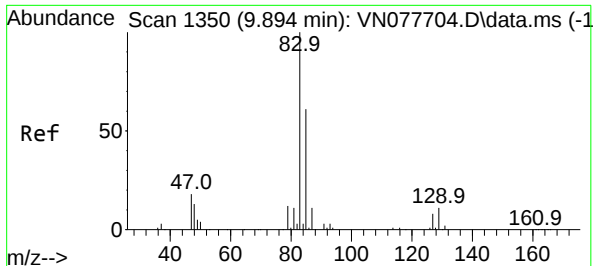
Ion Ratio Lower Upper

93 100

95 84.7 63.8 95.8

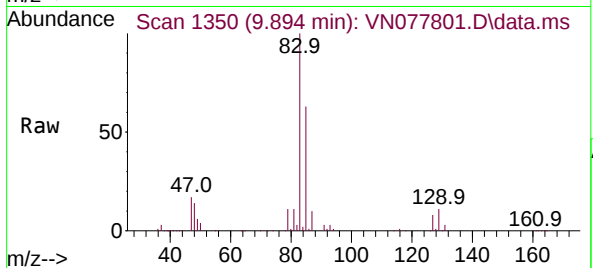
174 91.6 65.6 98.4





#47
Bromodichloromethane
Concen: 54.681 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

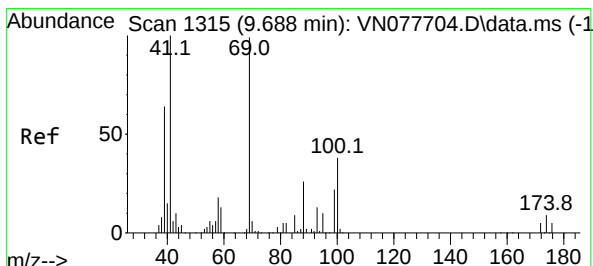
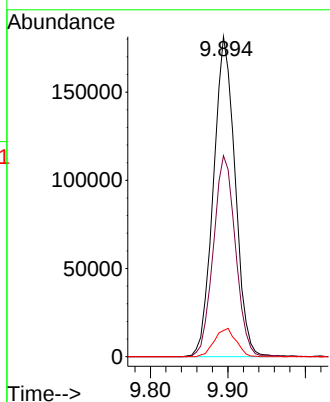
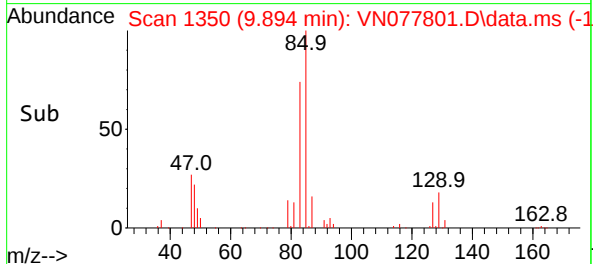
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 83 Resp: 353014
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 8.1 7.0 10.6

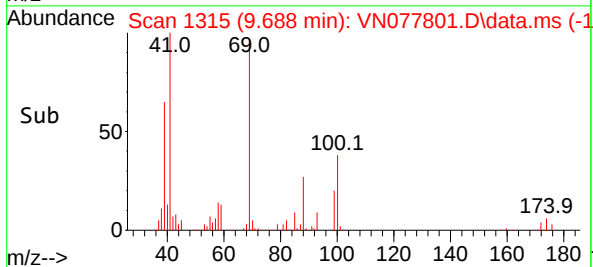
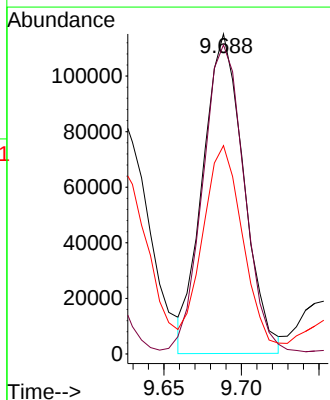
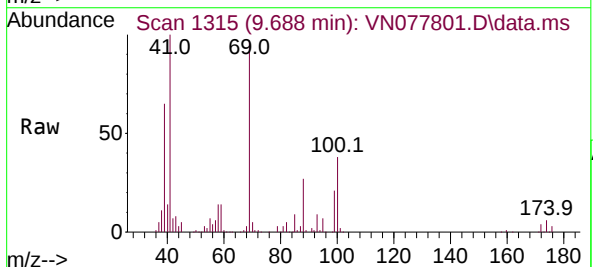
Manual Integrations
APPROVED

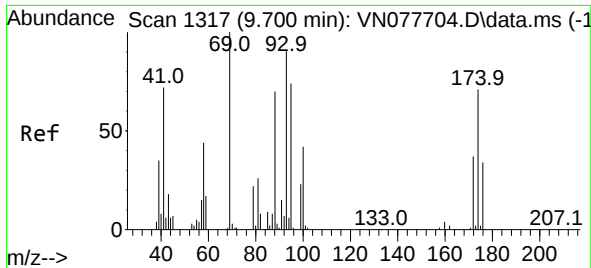
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#48
Methyl methacrylate
Concen: 48.940 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

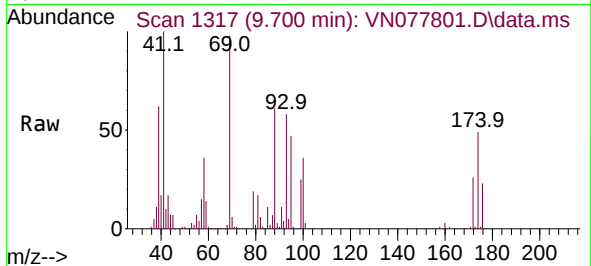
Tgt Ion: 41 Resp: 211491
Ion Ratio Lower Upper
41 100
69 97.4 90.4 135.6
39 65.5 54.6 81.8





#49
1,4-Dioxane
Concen: 1090.761 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

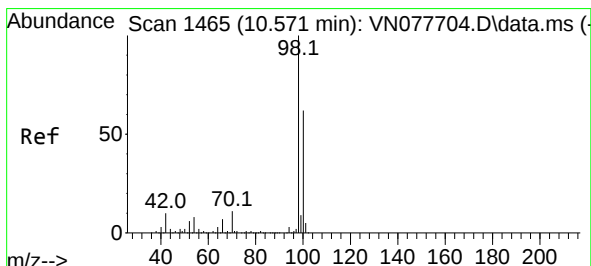
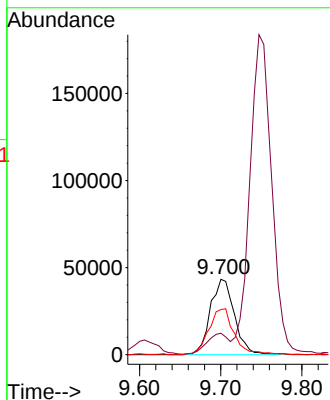
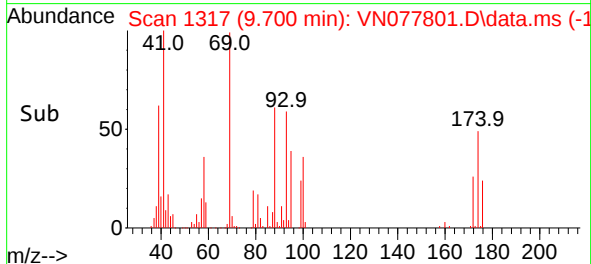
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 88 Resp: 89028
Ion Ratio Lower Upper
88 100
43 25.1 17.0 25.6
58 64.5 47.0 70.4

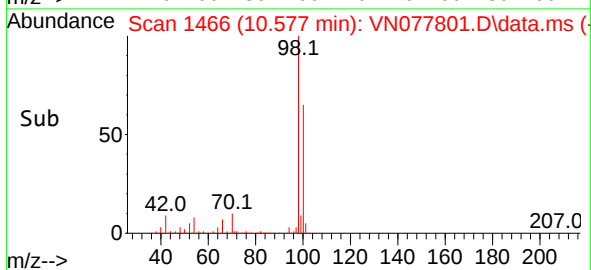
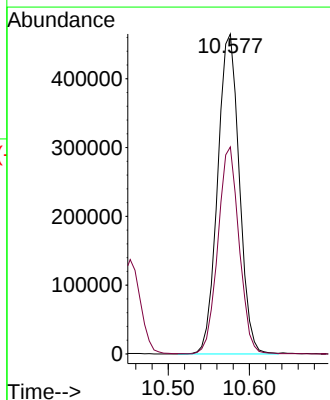
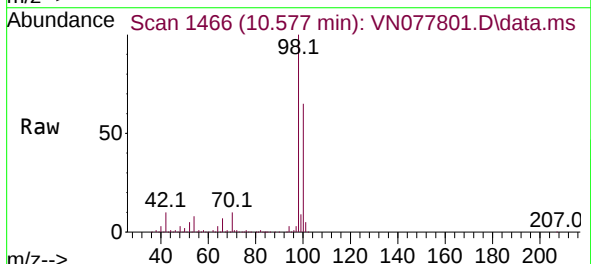
Manual Integrations
APPROVED

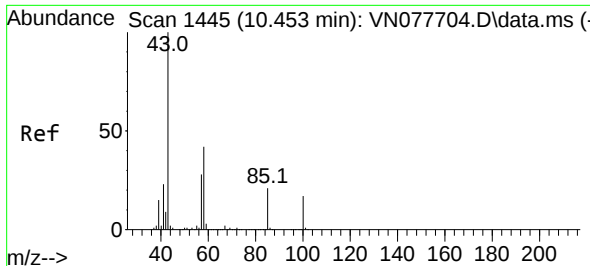
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#50
Toluene-d8
Concen: 52.385 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

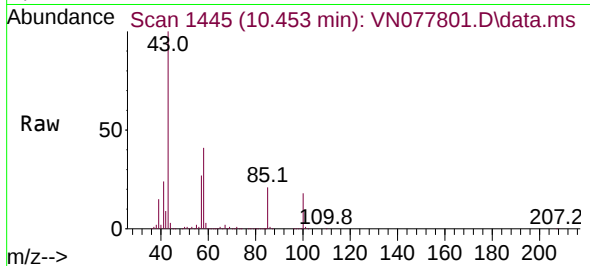
Tgt Ion: 98 Resp: 863062
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 257.276 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

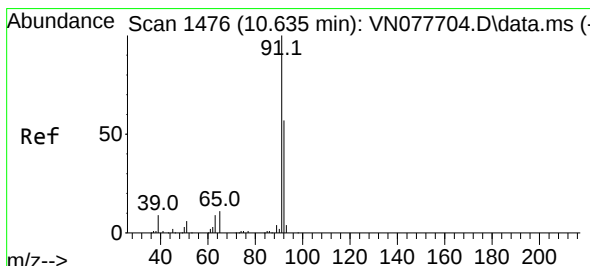
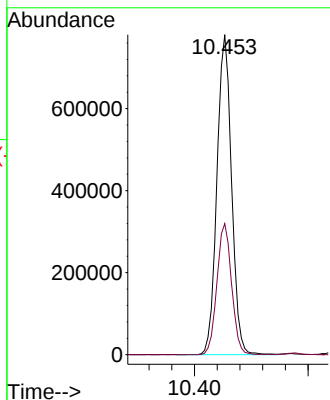
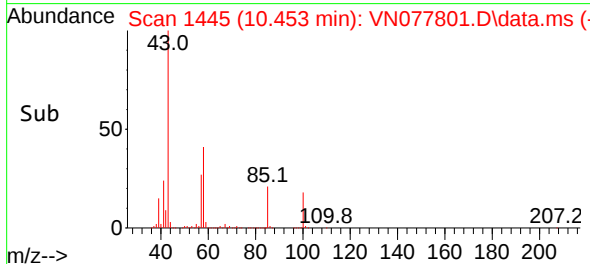
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion: 43 Resp: 1393880
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

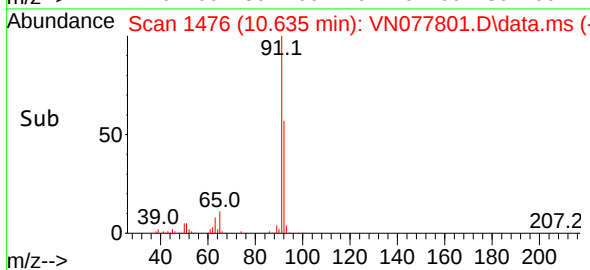
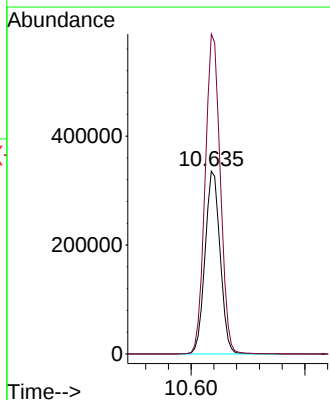
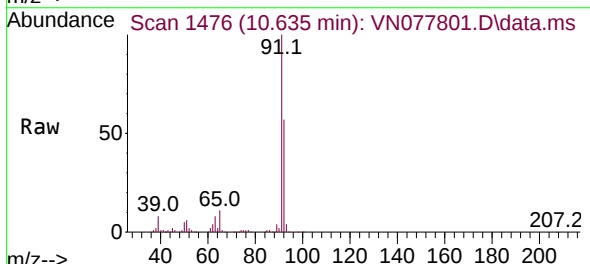
Manual Integrations
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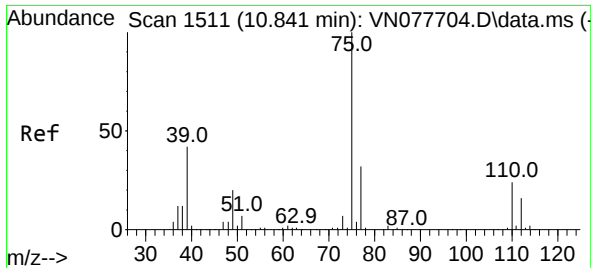
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 53.650 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

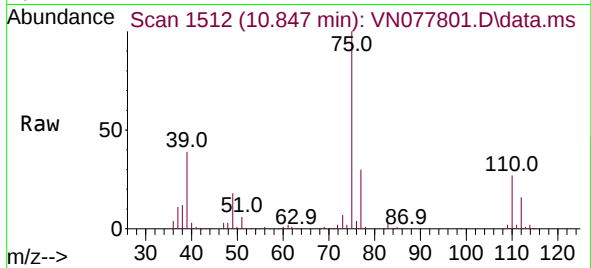
Tgt Ion: 92 Resp: 617059
Ion Ratio Lower Upper
92 100
91 176.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 51.445 ug/l
 RT: 10.847 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN077801.D
 Acq: 22 May 2023 19:53

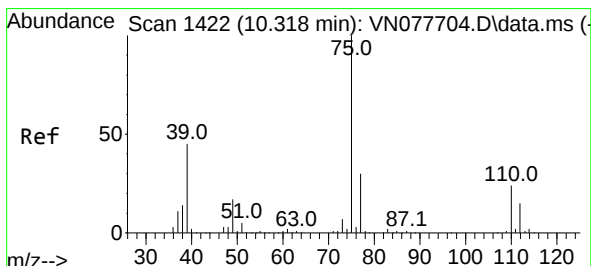
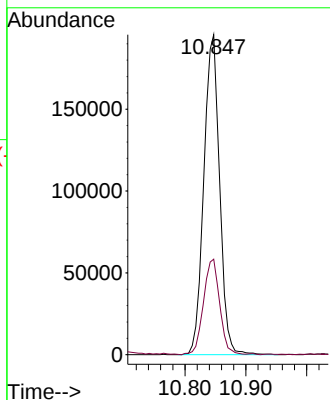
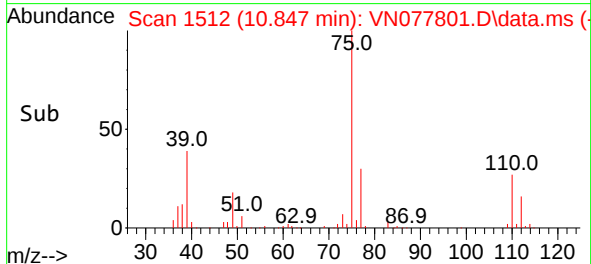
Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MS



Tgt Ion: 75 Resp: 351708
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0

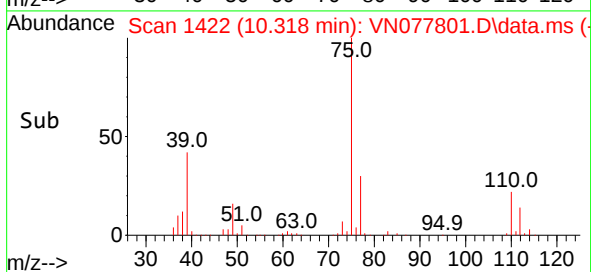
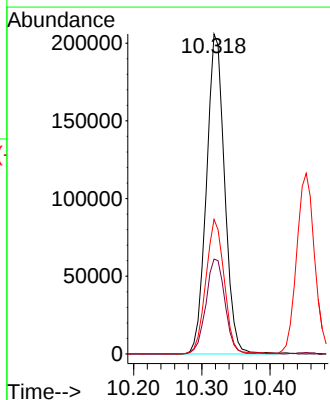
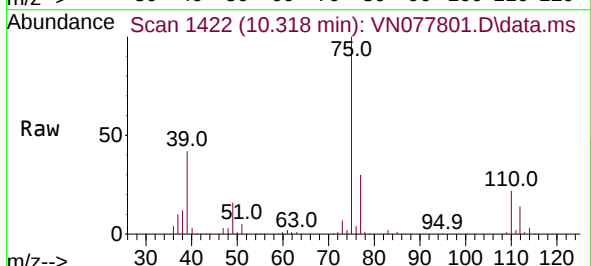
Manual Integrations
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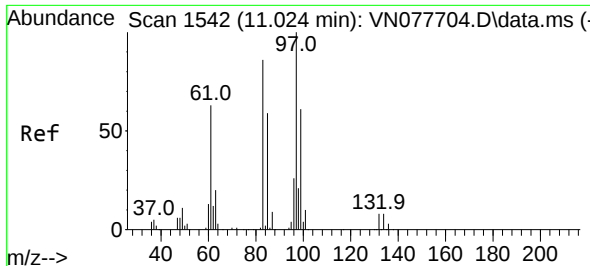
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.635 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077801.D
 Acq: 22 May 2023 19:53

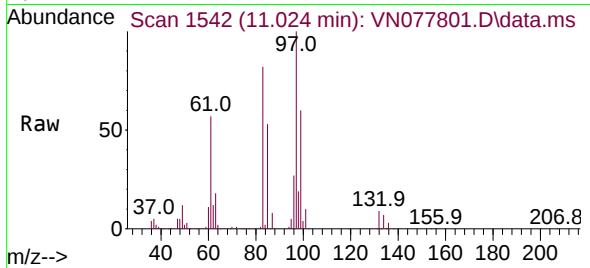
Tgt Ion: 75 Resp: 381478
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.1 39.1
 39 42.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.730 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

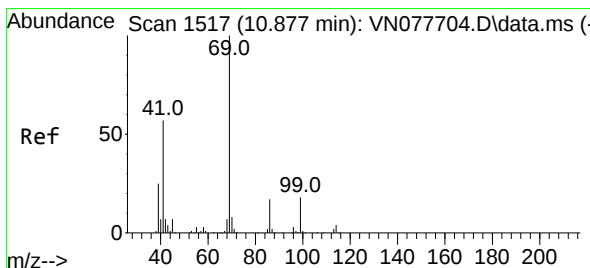
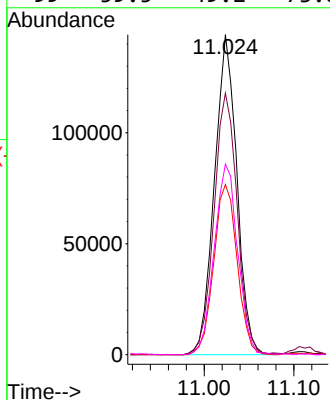
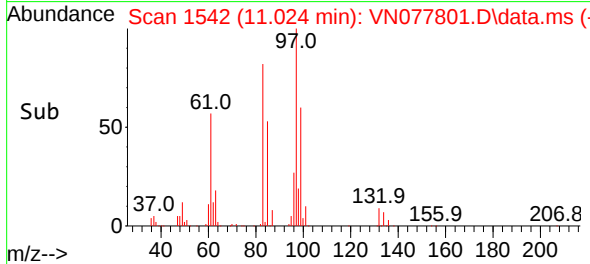


Tgt Ion: 97 Resp: 24994

Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.1	97.7
85	53.2	43.4	65.2
99	59.5	49.2	73.8

Manual Integrations
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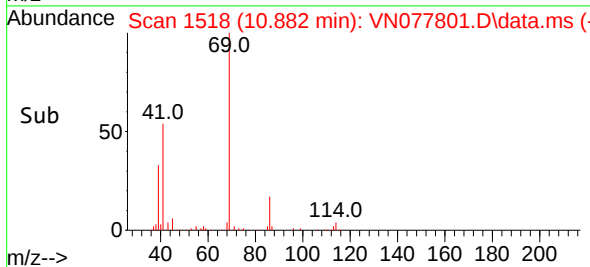
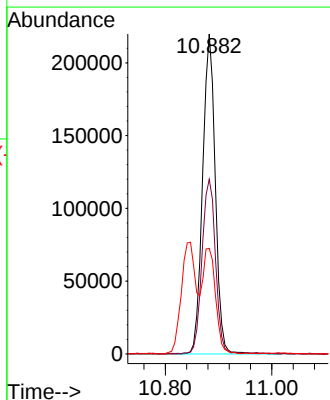
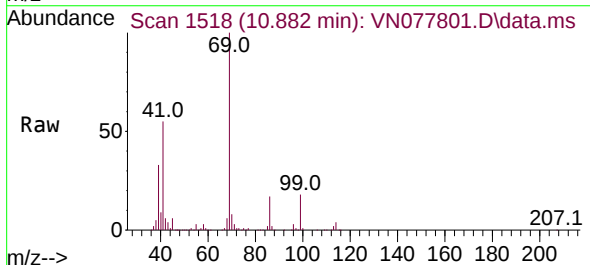
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

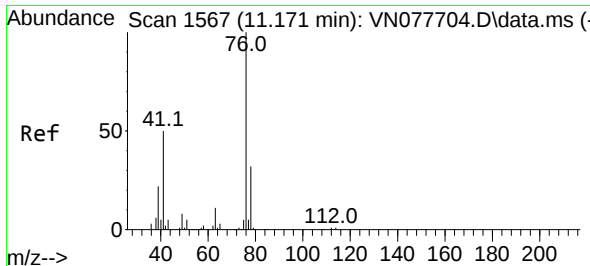


#56
Ethyl methacrylate
Concen: 52.437 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion: 69 Resp: 362077

Ion	Ratio	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	32.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.084 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion: 76 Resp: 41559

Ion Ratio Lower Upper

76 100

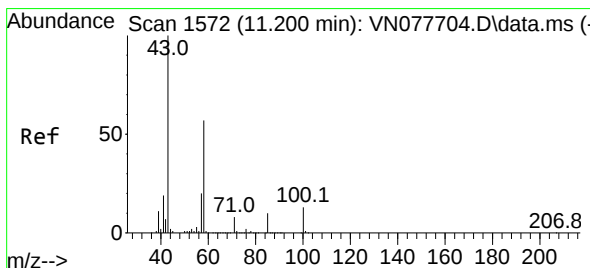
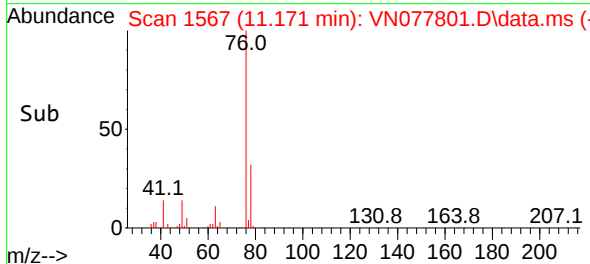
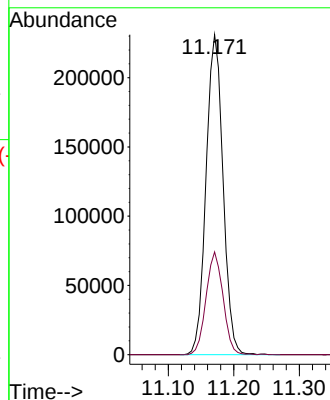
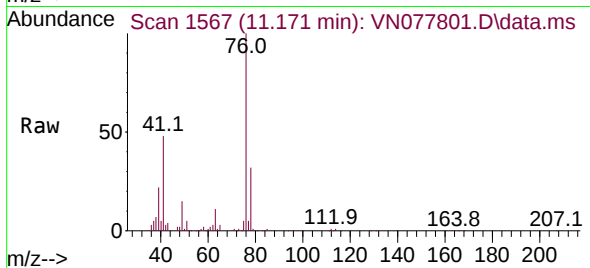
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#59

2-Hexanone

Concen: 247.953 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN077801.D

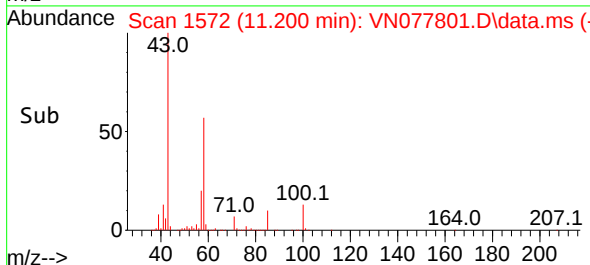
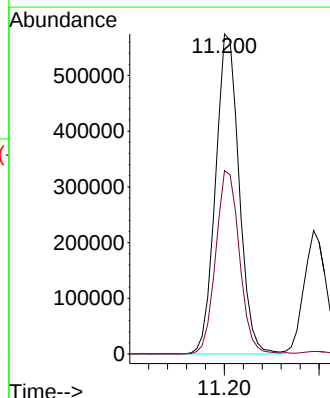
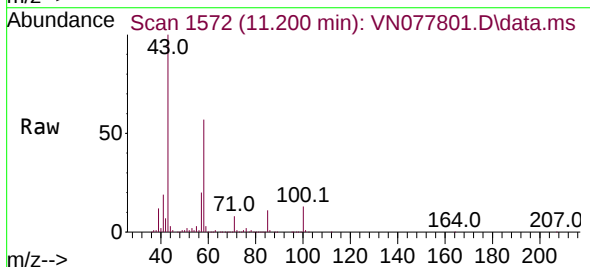
Acq: 22 May 2023 19:53

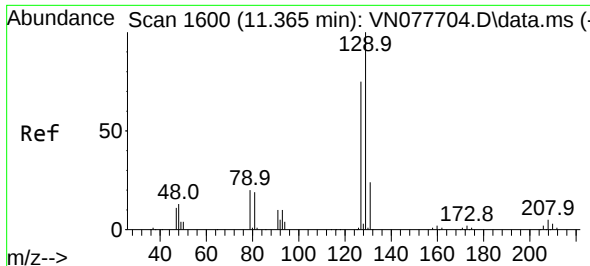
Tgt Ion: 43 Resp: 993636

Ion Ratio Lower Upper

43 100

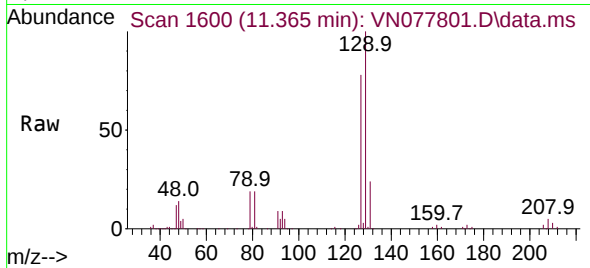
58 57.7 31.7 95.1





#60
Dibromochloromethane
Concen: 58.044 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

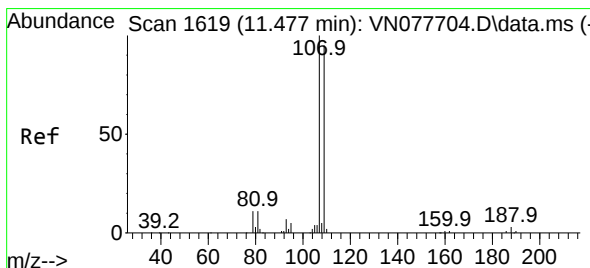
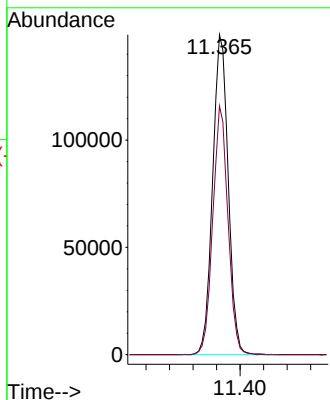
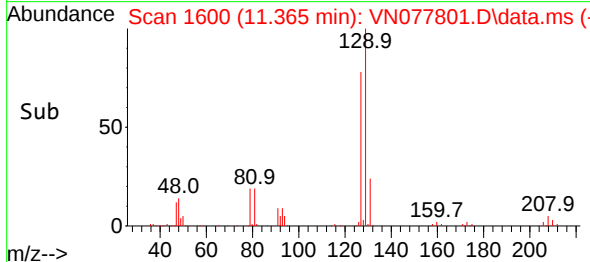
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



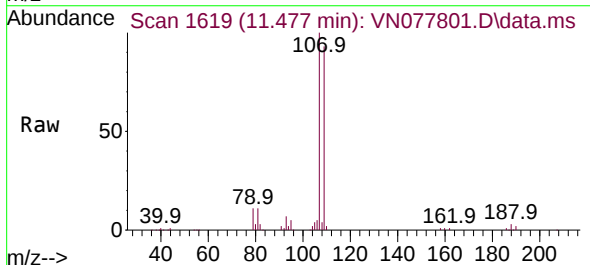
Tgt Ion:129 Resp: 273650
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0

Manual Integrations
APPROVED

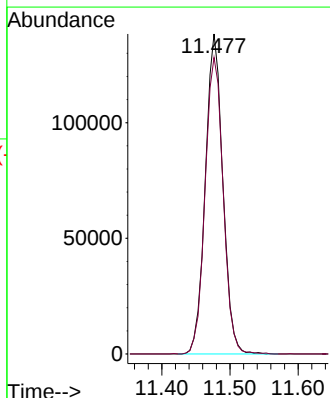
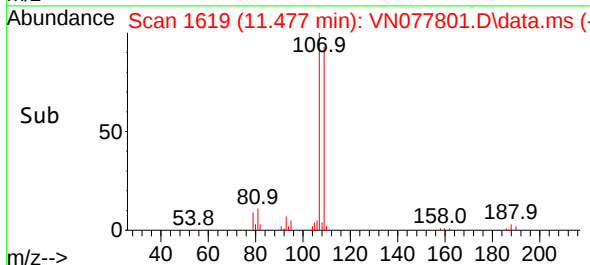
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

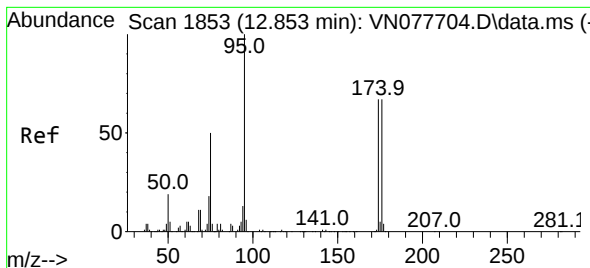


#61
1,2-Dibromoethane
Concen: 54.204 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



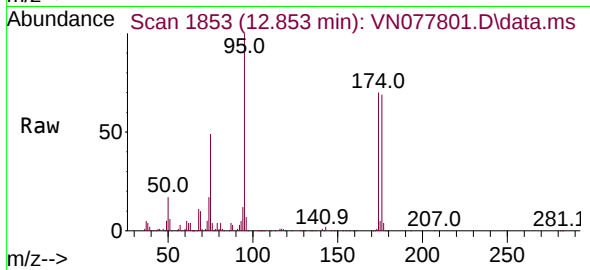
Tgt Ion:107 Resp: 246949
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 49.944 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

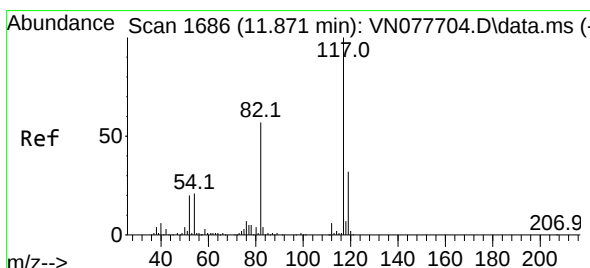
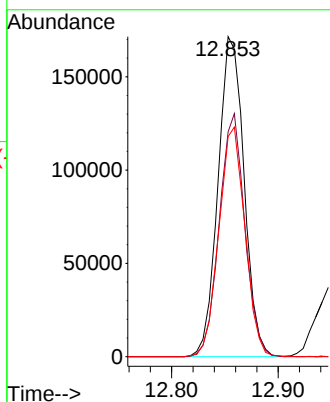
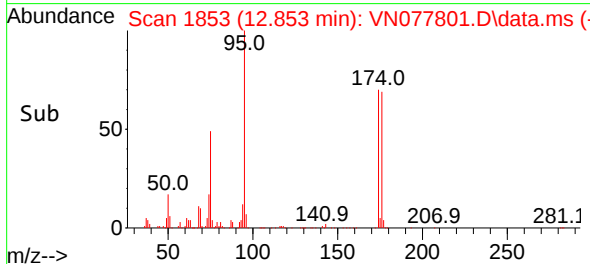
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



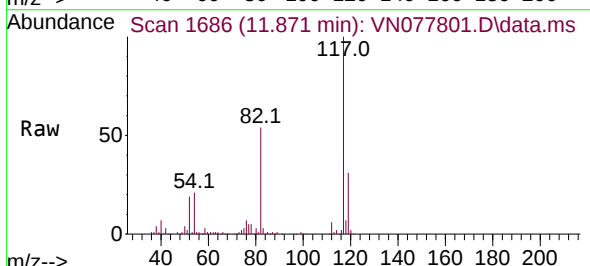
Tgt Ion: 95 Resp: 290614
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.9 0.0 135.8

Manual Integrations
APPROVED

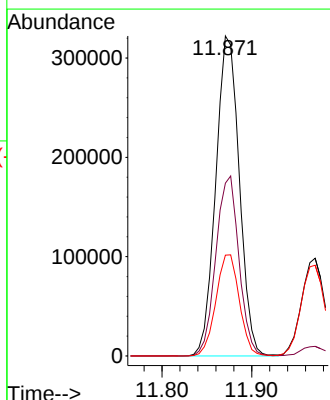
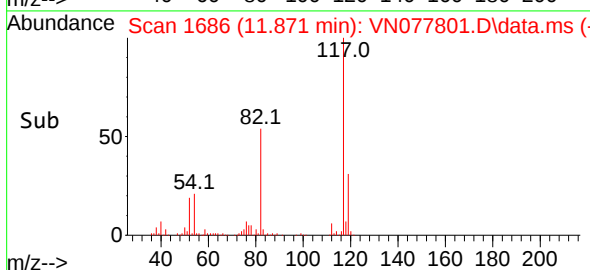
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

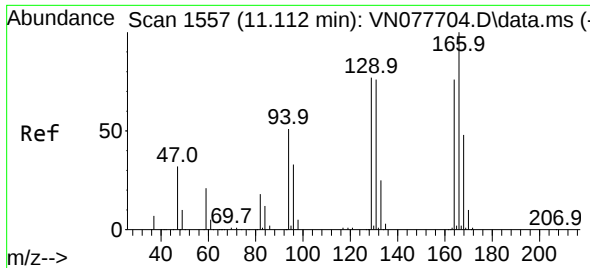


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



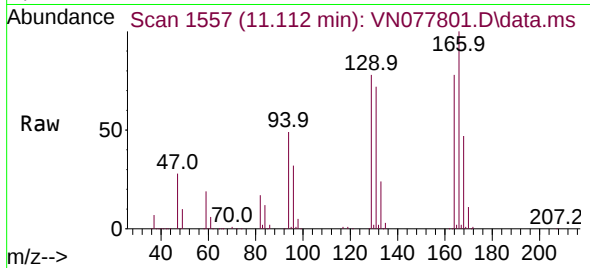
Tgt Ion:117 Resp: 587206
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.5 25.6 38.4





#64
Tetrachloroethene
Concen: 58.877 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

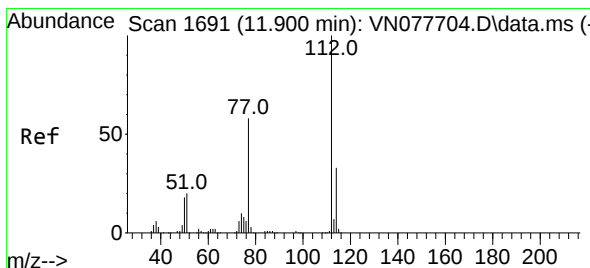
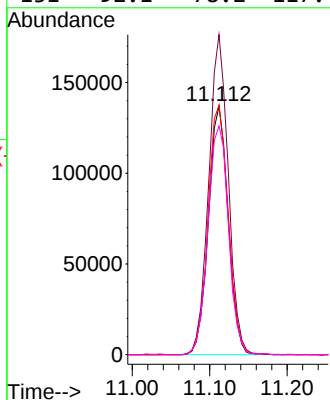
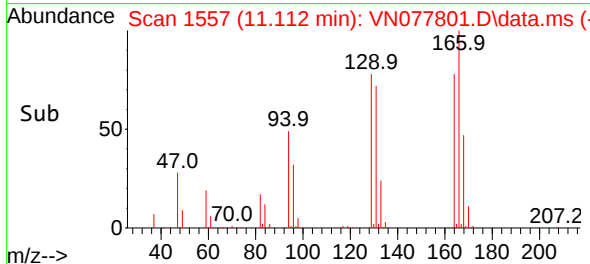
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion:164 Resp: 241777
Ion Ratio Lower Upper
164 100
166 128.8 101.4 152.0
129 100.5 82.4 123.6
131 92.1 78.2 117.4

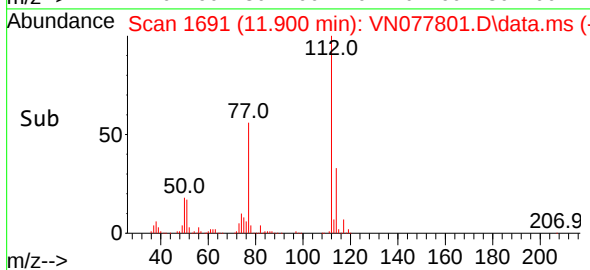
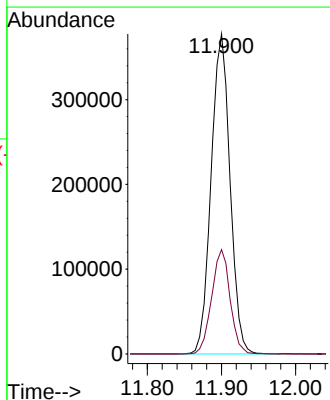
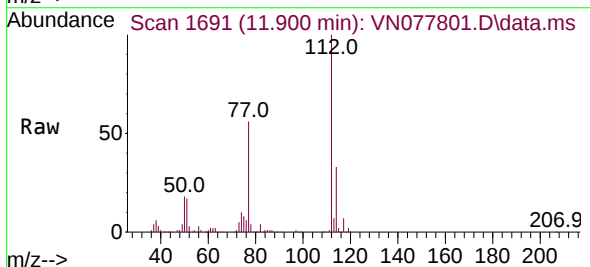
Manual Integrations
APPROVED

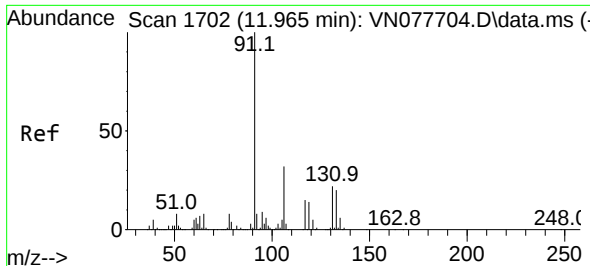
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#65
Chlorobenzene
Concen: 52.512 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

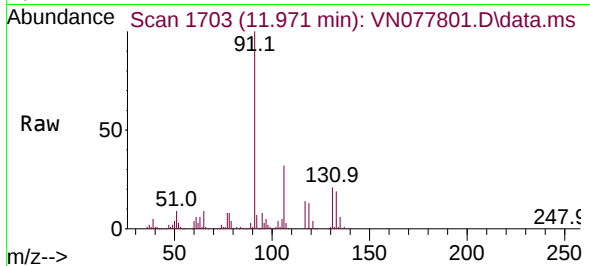
Tgt Ion:112 Resp: 668474
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 58.469 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

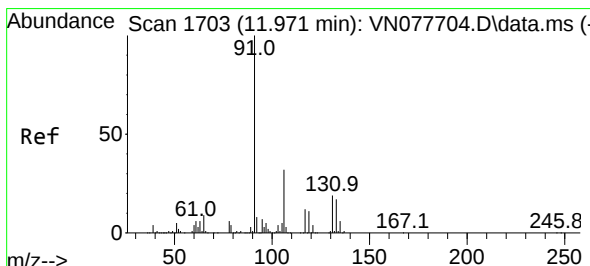
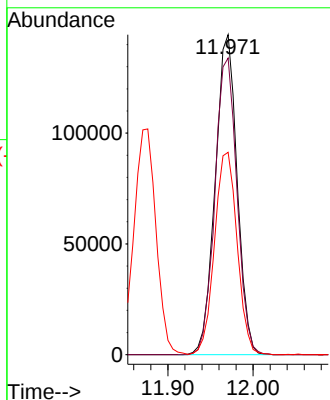
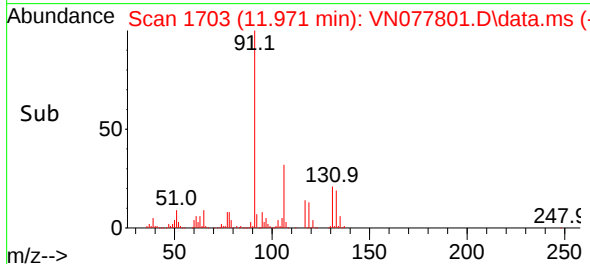
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion:131 Resp: 257538
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 65.4 34.1 102.2

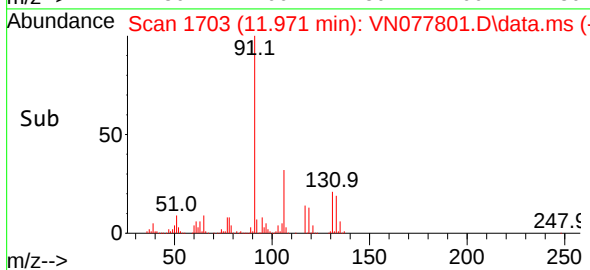
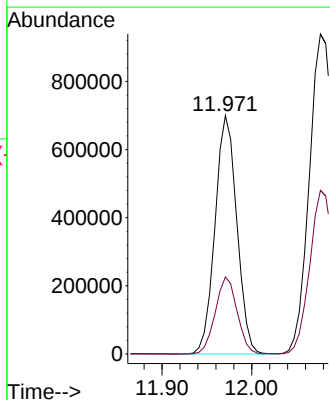
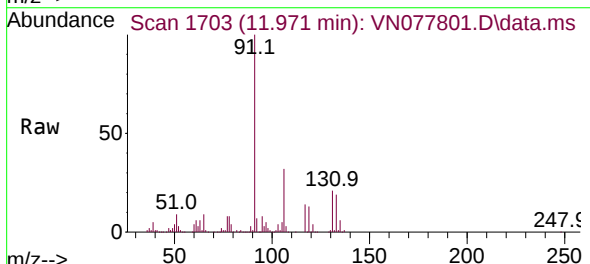
Manual Integrations
APPROVED

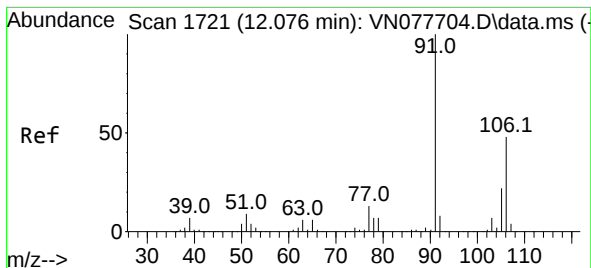
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#67
Ethyl Benzene
Concen: 51.686 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion: 91 Resp: 1179105
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4





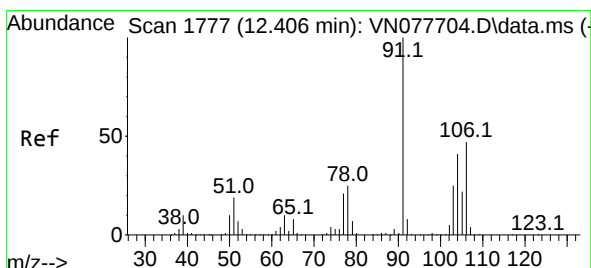
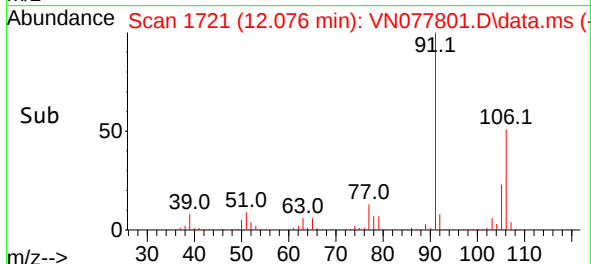
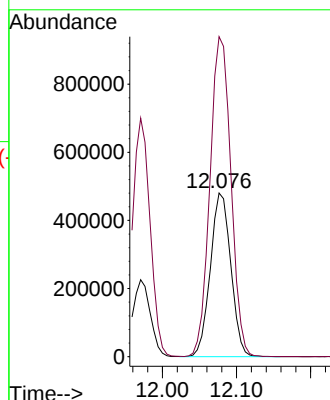
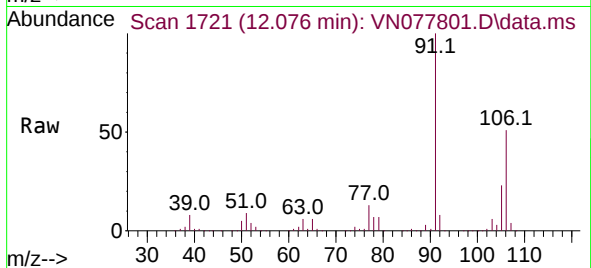
#68
m/p-Xylenes
Concen: 106.594 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion:106 Resp: 92139
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4

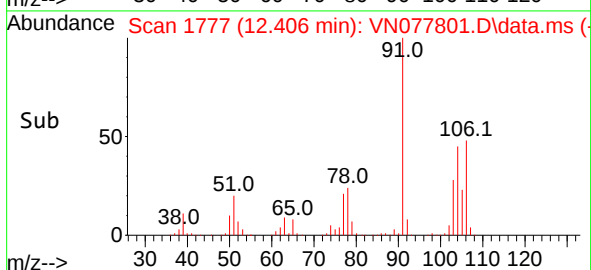
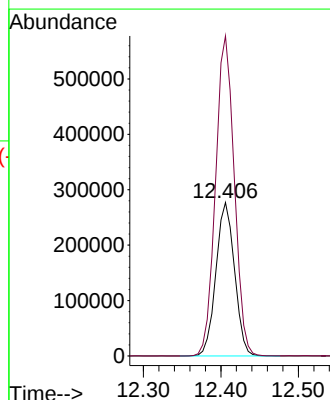
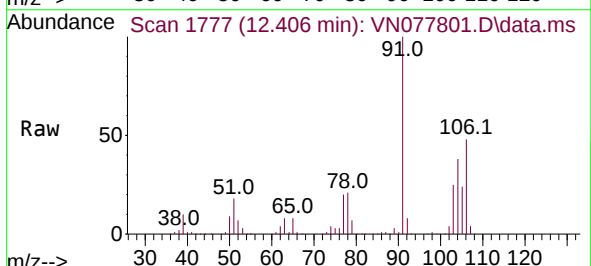
Manual Integrations
APPROVED

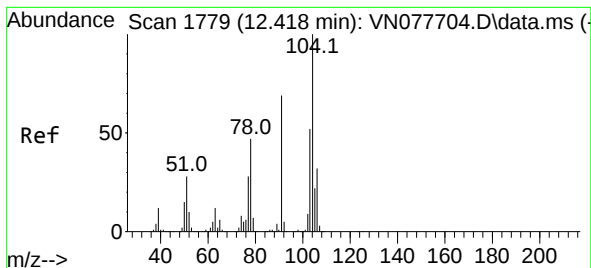
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#69
o-Xylene
Concen: 54.285 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion:106 Resp: 461466
Ion Ratio Lower Upper
106 100
91 210.1 105.2 315.5





#70

Styrene

Concen: 53.940 ug/l

RT: 12.418 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion:104 Resp: 72841

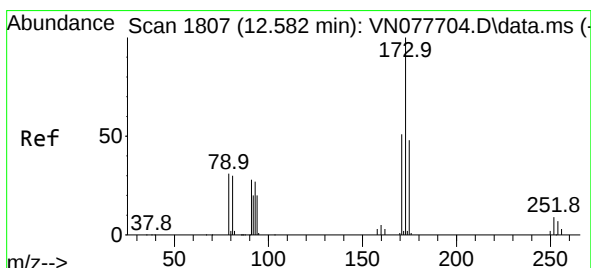
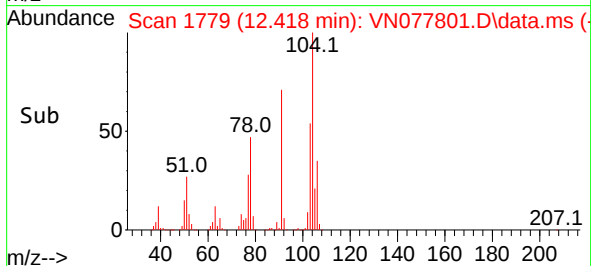
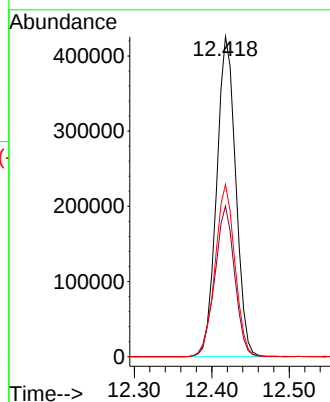
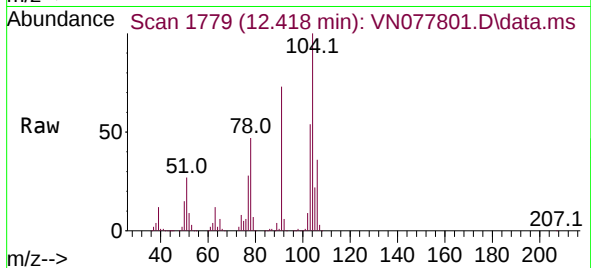
Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.5	59.3
103	55.7	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#71

Bromoform

Concen: 59.961 ug/l

RT: 12.588 min Scan# 1808

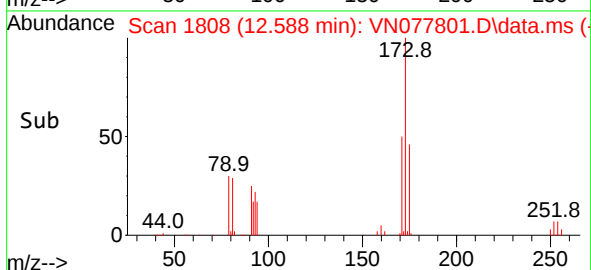
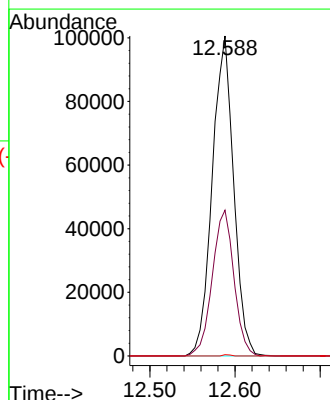
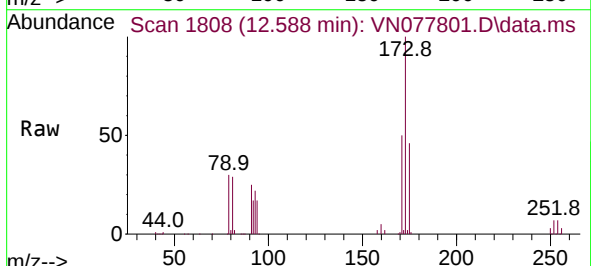
Delta R.T. 0.006 min

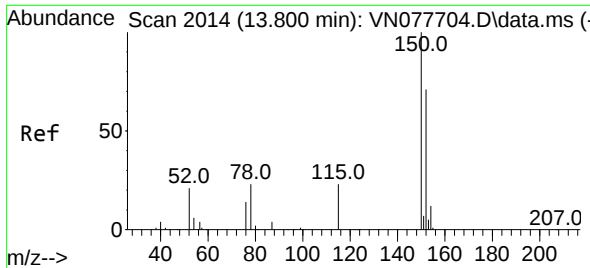
Lab File: VN077801.D

Acq: 22 May 2023 19:53

Tgt Ion:173 Resp: 175696

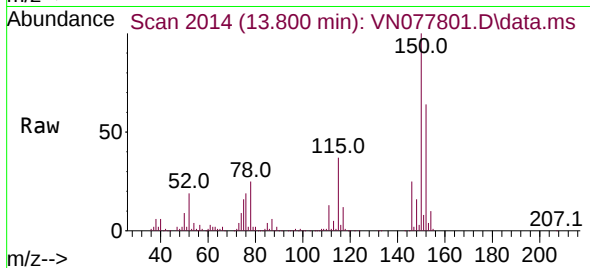
Ion	Ratio	Lower	Upper
173	100		
175	46.1	24.3	73.0
254	0.1	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

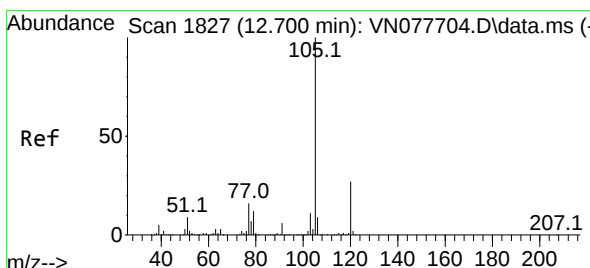
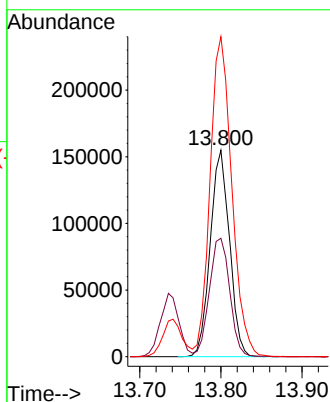
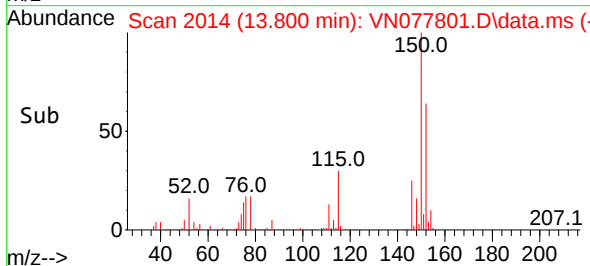
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



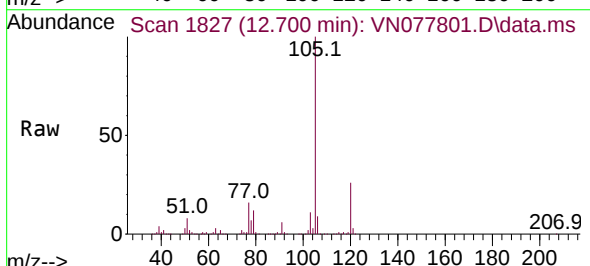
Tgt Ion:152 Resp: 255135
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 174.7 0.0 355.8

Manual Integrations
APPROVED

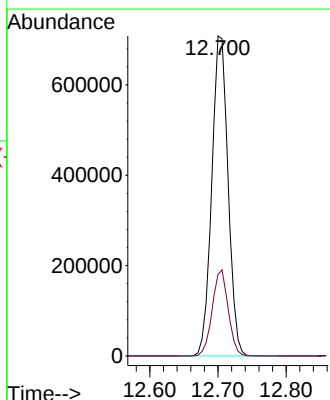
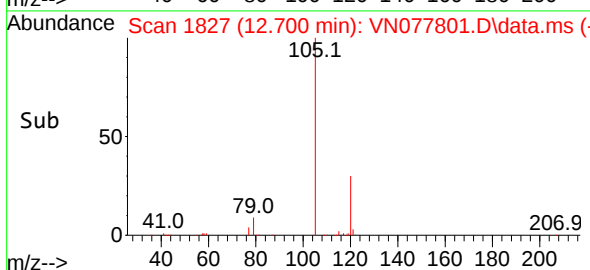
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

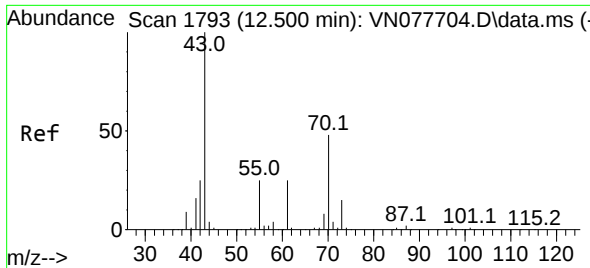


#73
Isopropylbenzene
Concen: 53.576 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



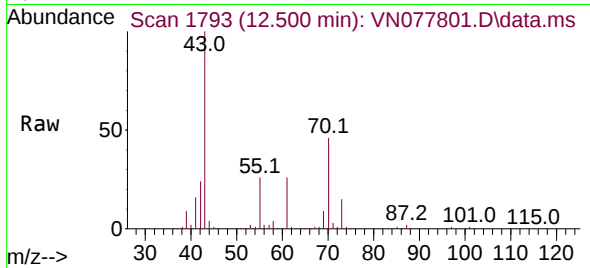
Tgt Ion:105 Resp: 1178274
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1





#74
N-amy1 acetate
Concen: 42.595 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

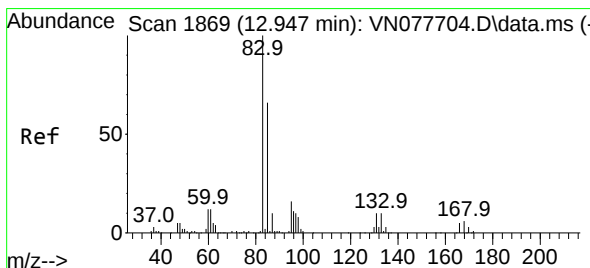
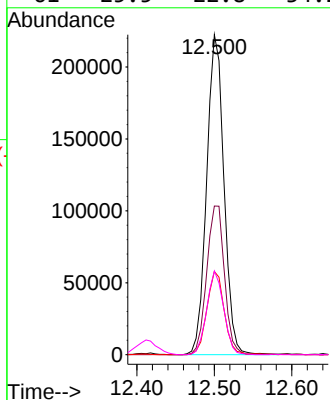
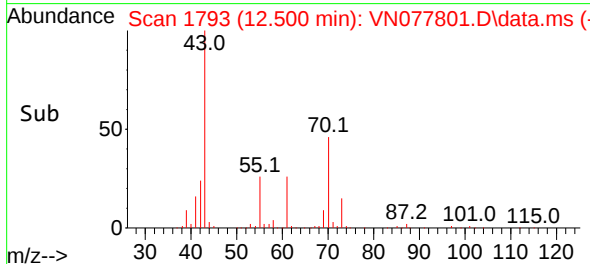
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



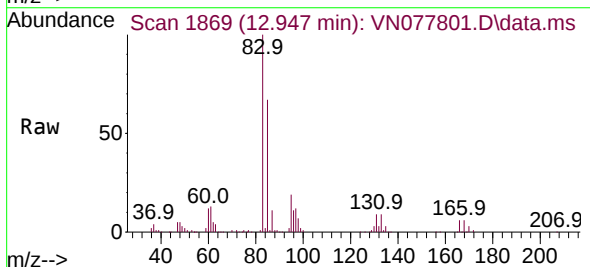
Tgt Ion: 43 Resp: 346259
Ion Ratio Lower Upper
43 100
70 47.9 43.4 65.2
55 25.9 21.4 32.0
61 25.5 22.8 34.2

Manual Integrations
APPROVED

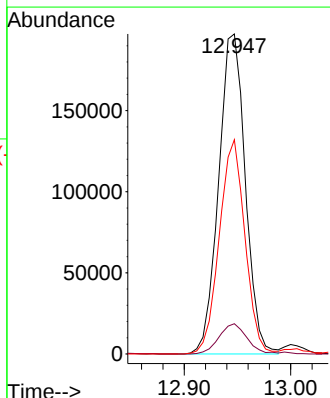
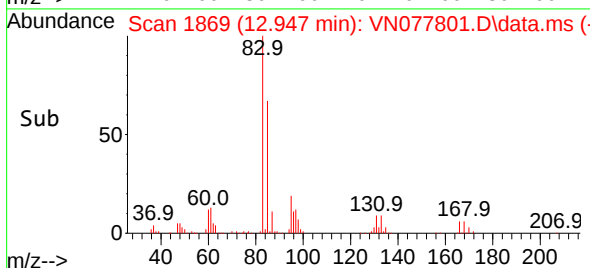
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

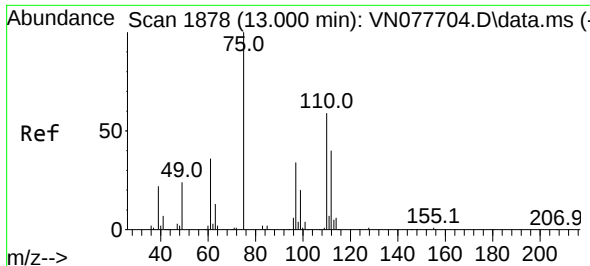


#75
1,1,2,2-Tetrachloroethane
Concen: 50.742 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



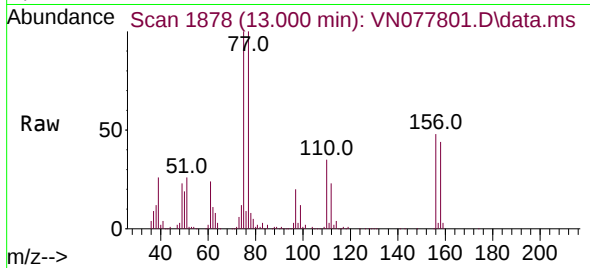
Tgt Ion: 83 Resp: 343310
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.2 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 47.375 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

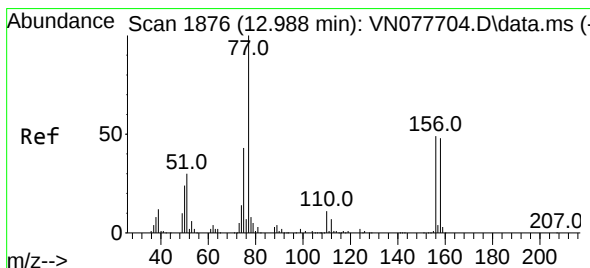
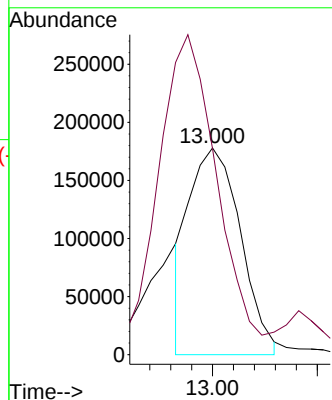
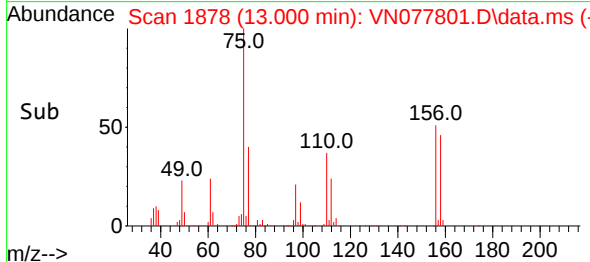
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



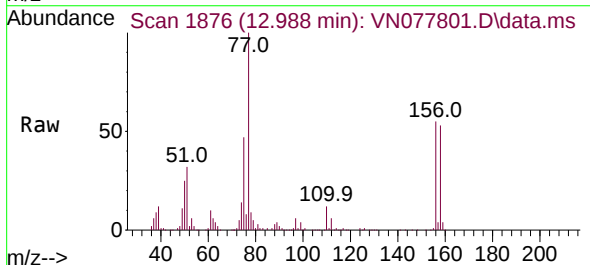
Tgt Ion: 75 Resp: 302700
Ion Ratio Lower Upper
75 100
77 178.2 84.5 253.5

Manual Integrations
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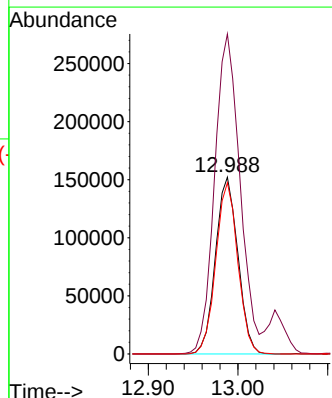
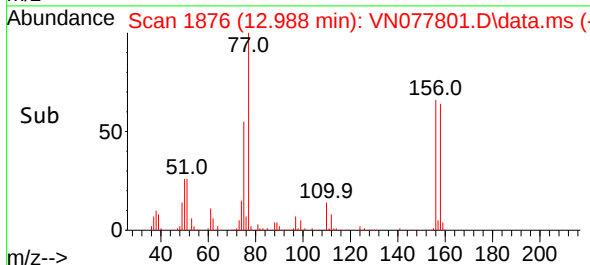
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

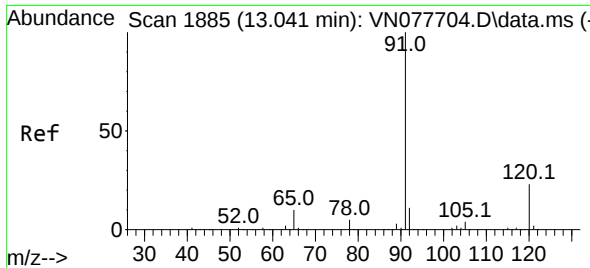


#77
Bromobenzene
Concen: 52.551 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



Tgt Ion:156 Resp: 263750
Ion Ratio Lower Upper
156 100
77 204.5 107.7 323.3
158 95.1 48.4 145.3





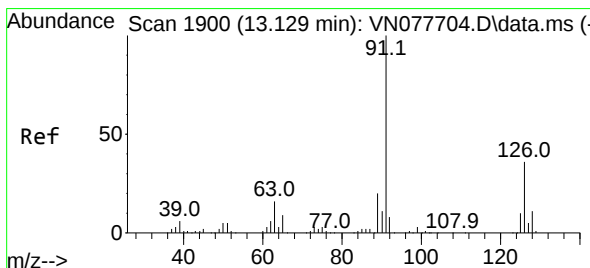
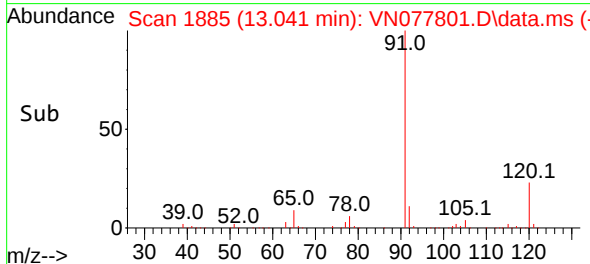
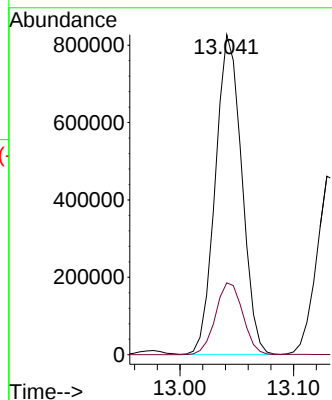
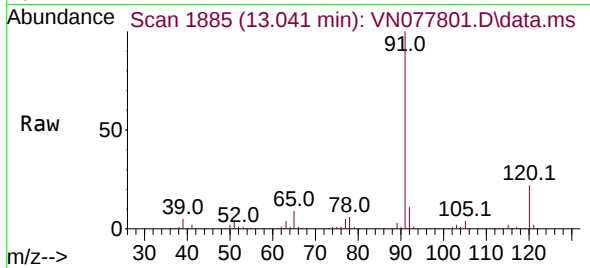
#78
n-propylbenzene
Concen: 51.388 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion: 91 Resp: 1332390
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

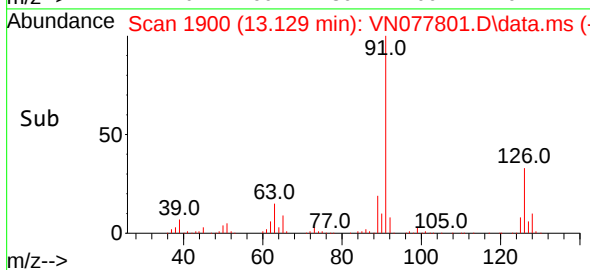
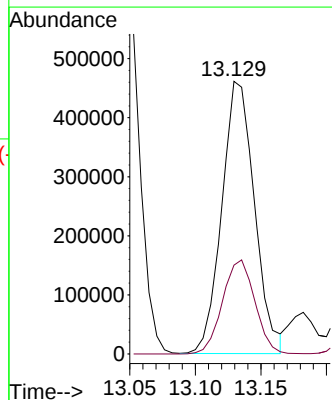
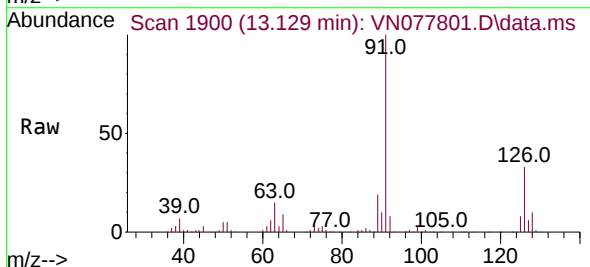
Manual Integrations
APPROVED

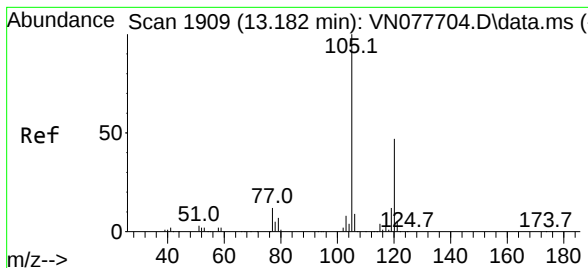
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#79
2-Chlorotoluene
Concen: 51.748 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion: 91 Resp: 800628
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 54.015 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion:105 Resp: 99842

Ion Ratio Lower Upper

105 100

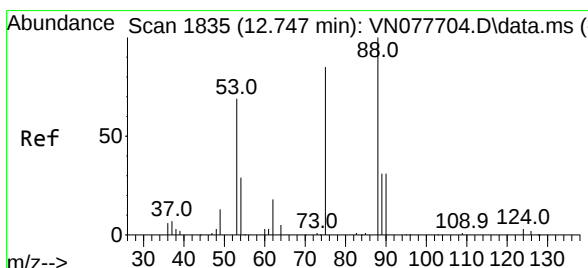
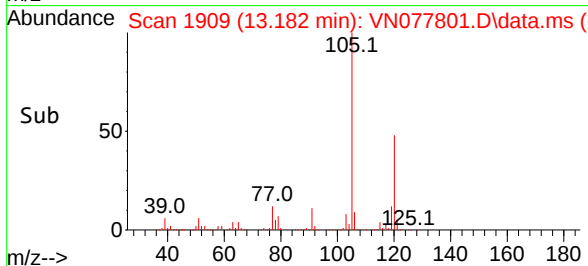
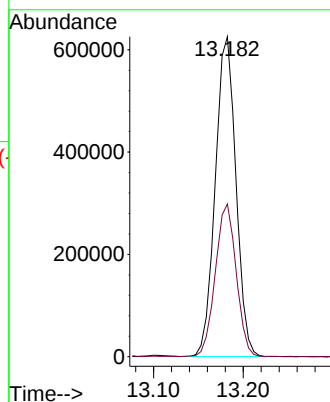
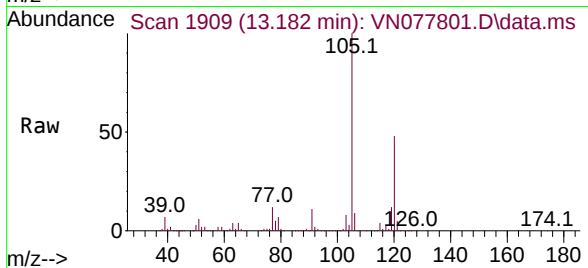
120 48.2 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 46.429 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

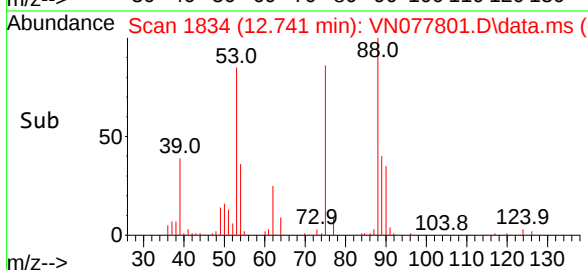
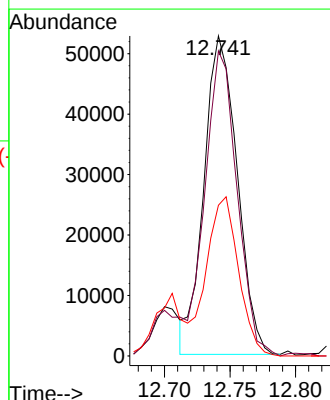
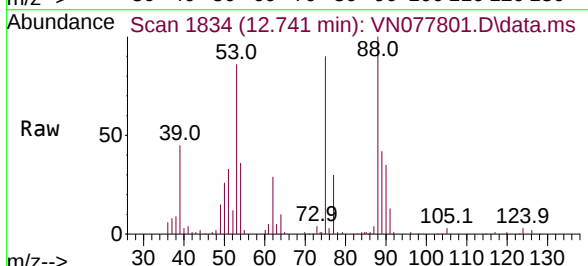
Tgt Ion: 75 Resp: 92806

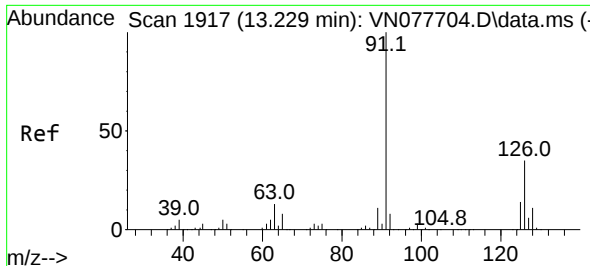
Ion Ratio Lower Upper

75 100

53 91.4 67.4 101.2

89 48.2 38.8 58.2





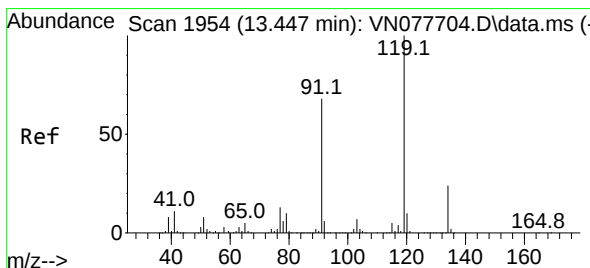
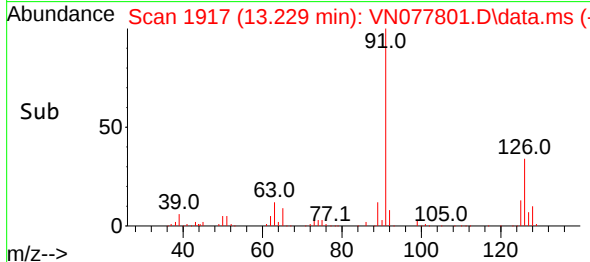
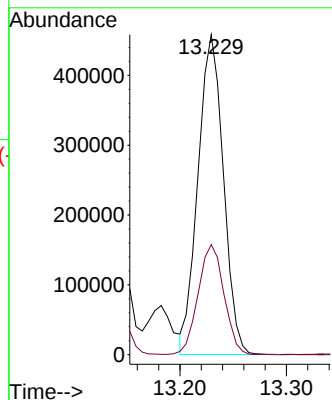
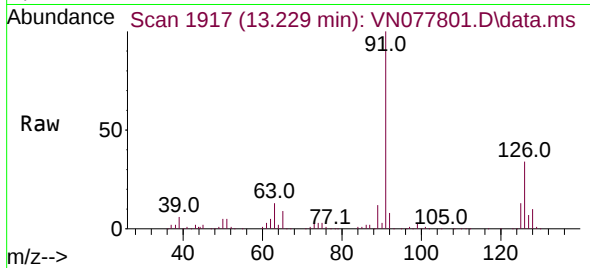
#82
4-Chlorotoluene
Concen: 49.389 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion: 91 Resp: 760285
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0

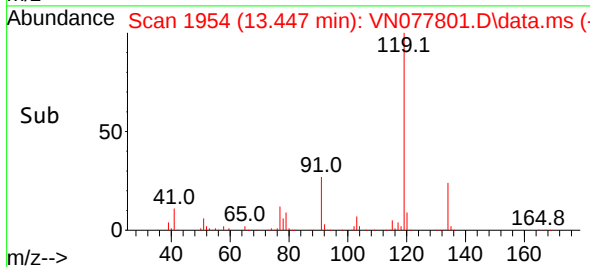
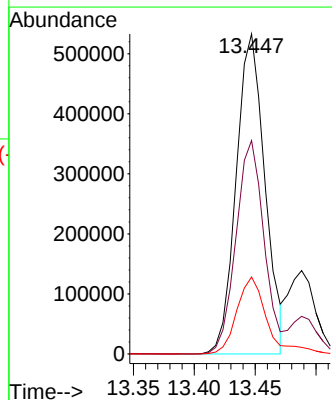
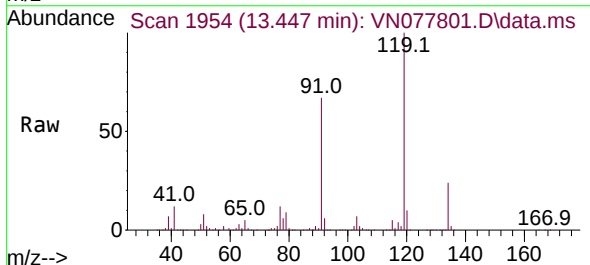
Manual Integrations
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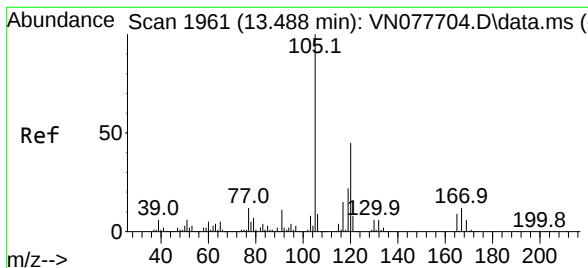
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#83
tert-Butylbenzene
Concen: 54.199 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Tgt Ion:119 Resp: 874579
Ion Ratio Lower Upper
119 100
91 66.7 33.9 101.7
134 25.2 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 54.214 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077801.D

Acq: 22 May 2023 19:53

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MS

Tgt Ion:105 Resp: 98553

Ion Ratio Lower Upper

105 100

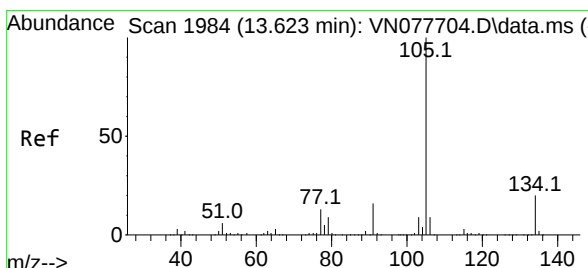
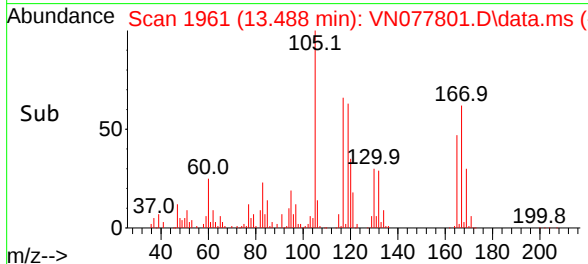
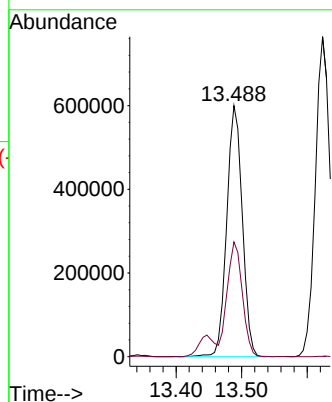
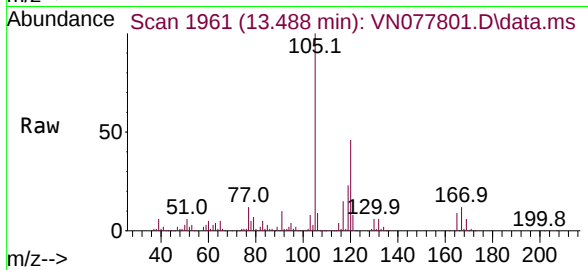
120 44.4 22.0 66.0

Manual Integrations

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Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#85

sec-Butylbenzene

Concen: 52.863 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077801.D

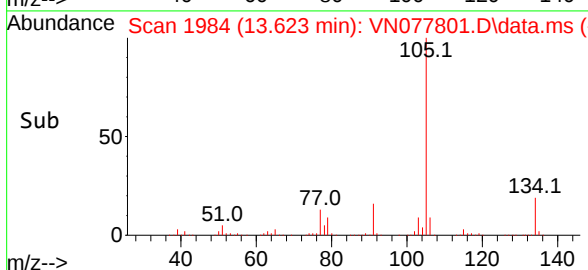
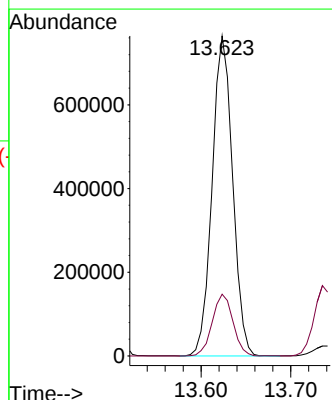
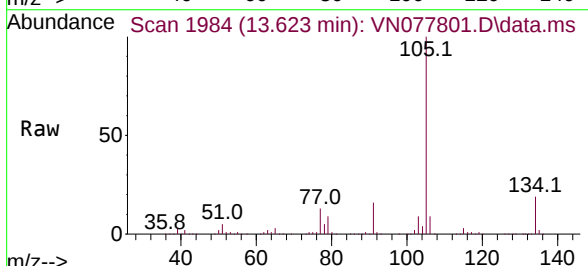
Acq: 22 May 2023 19:53

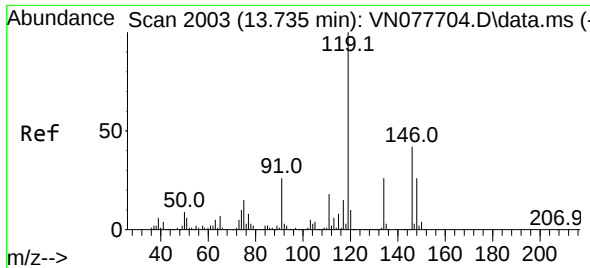
Tgt Ion:105 Resp: 1212298

Ion Ratio Lower Upper

105 100

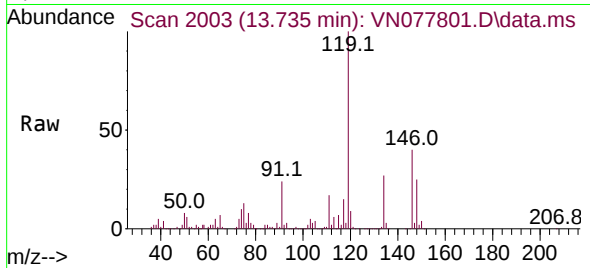
134 19.5 9.8 29.3





#86
p-Isopropyltoluene
Concen: 54.773 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

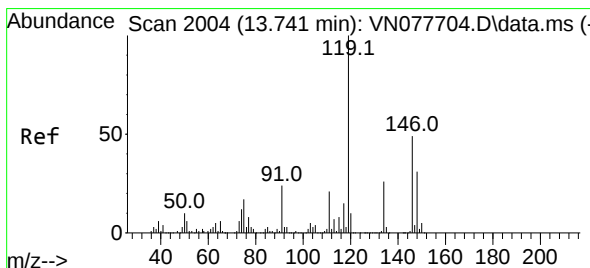
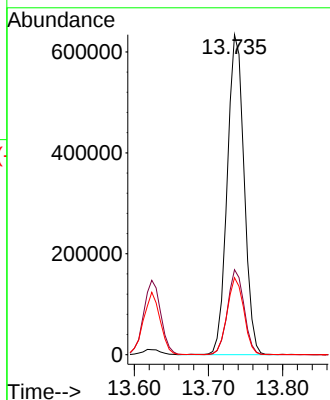
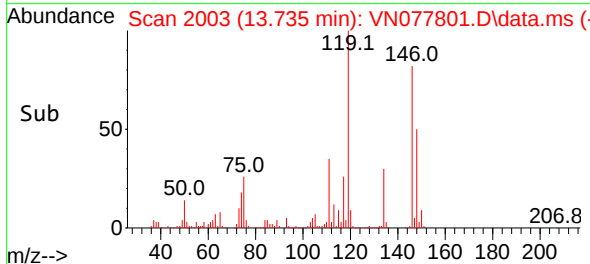
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



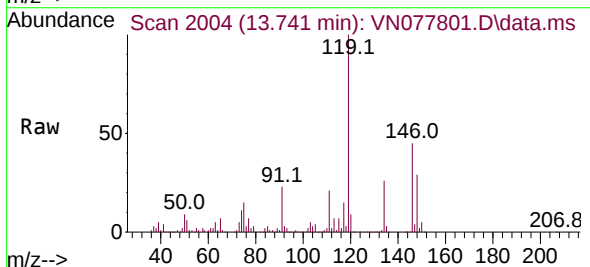
Tgt Ion:119 Resp: 1001400
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.8
91 23.9 12.4 37.2

Manual Integrations
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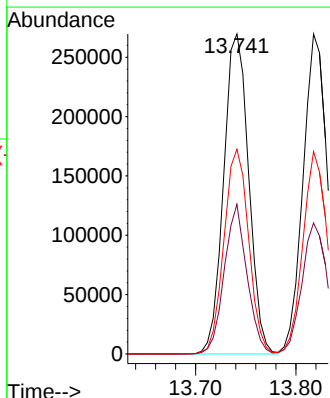
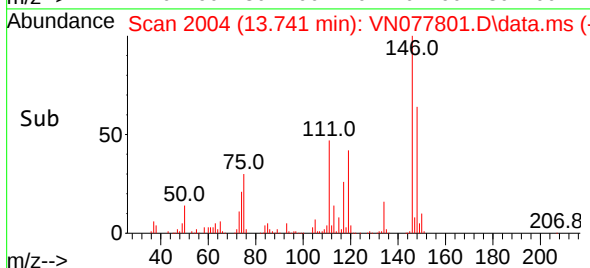
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

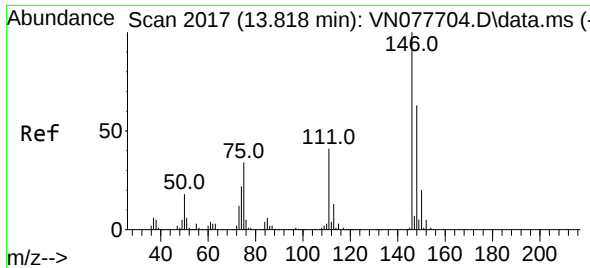


#87
1,3-Dichlorobenzene
Concen: 50.397 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



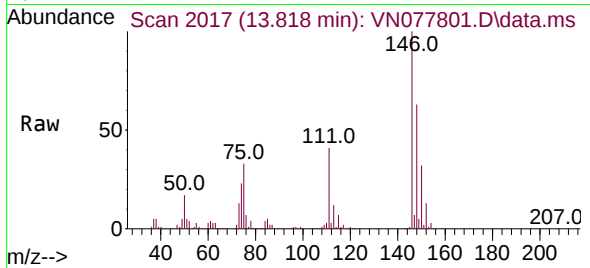
Tgt Ion:146 Resp: 467770
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 63.2 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 49.158 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

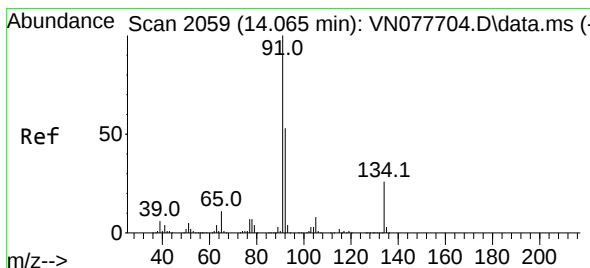
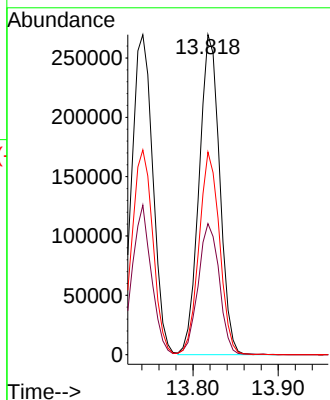
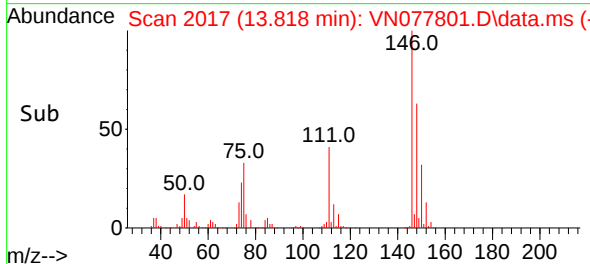
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



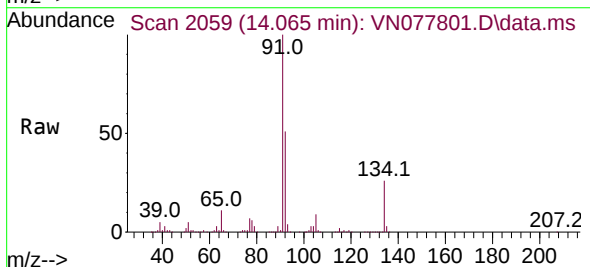
Tgt Ion:146 Resp: 45276
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 63.2 31.6 94.8

Manual Integrations
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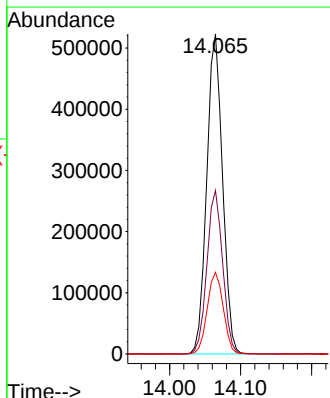
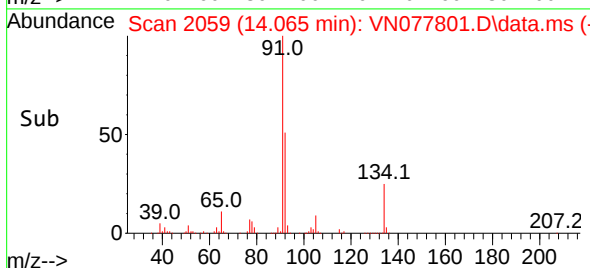
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

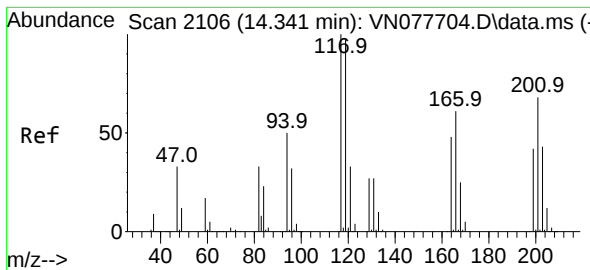


#89
n-Butylbenzene
Concen: 48.166 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



Tgt Ion: 91 Resp: 809964
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.9 12.6 37.6





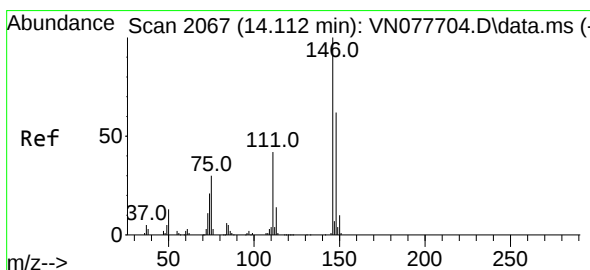
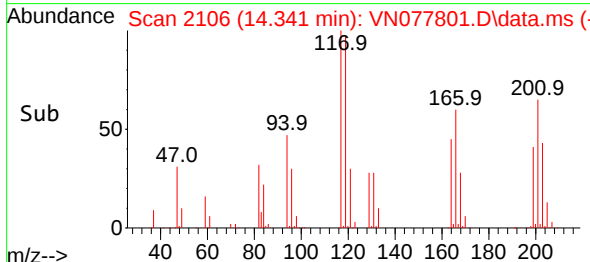
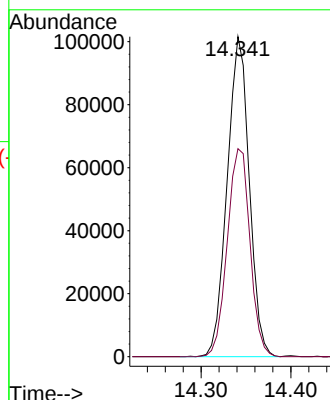
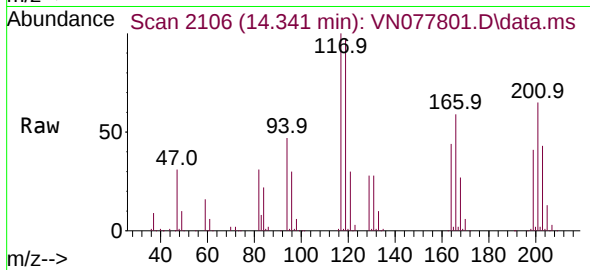
#90
Hexachloroethane
Concen: 57.785 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS

Tgt Ion:117 Resp: 173554
Ion Ratio Lower Upper
117 100
201 66.8 29.3 88.0

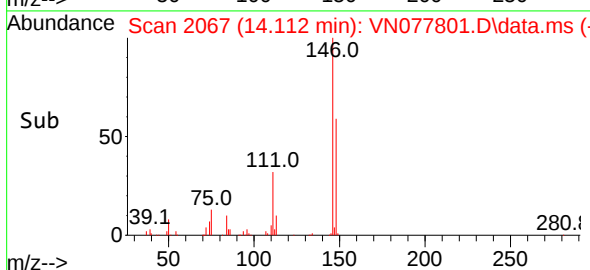
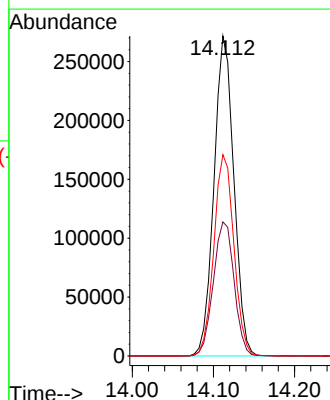
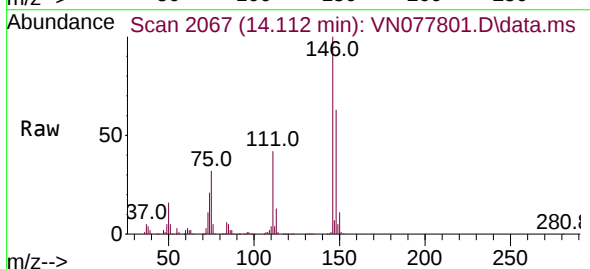
Manual Integrations
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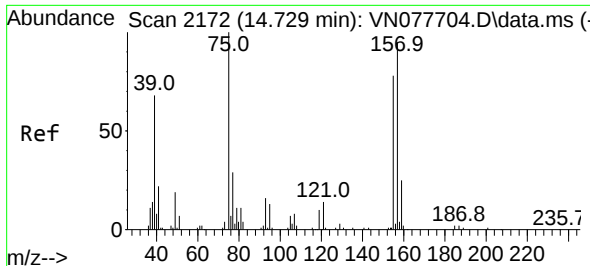
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#91
1,2-Dichlorobenzene
Concen: 53.351 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

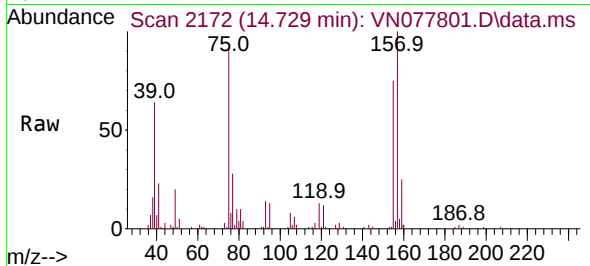
Tgt Ion:146 Resp: 462603
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.3 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 45.691 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

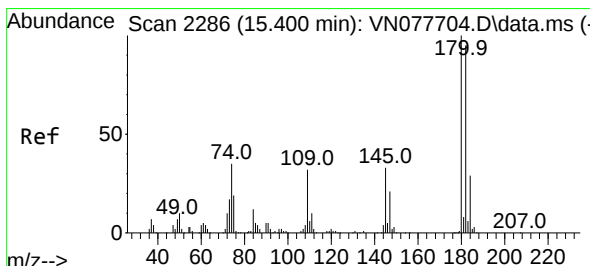
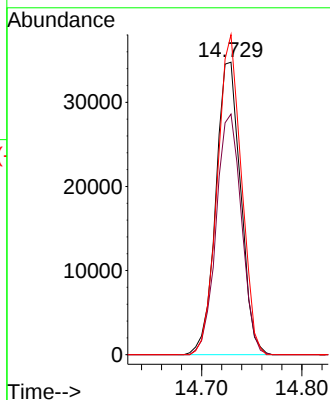
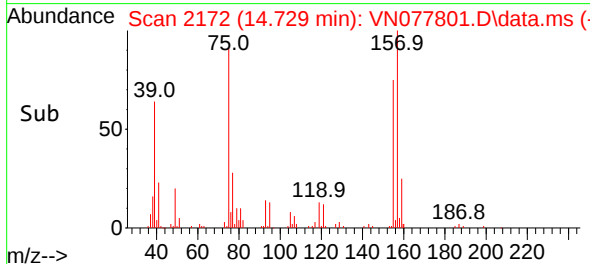
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



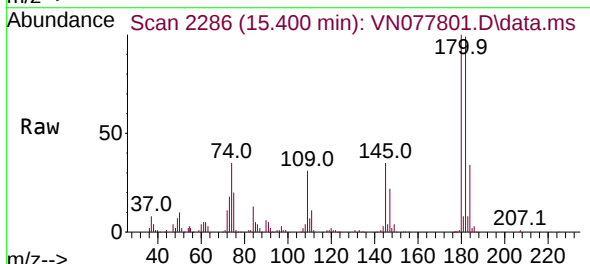
Tgt Ion: 75 Resp: 59850
Ion Ratio Lower Upper
75 100
155 83.7 39.1 117.2
157 105.8 50.3 150.9

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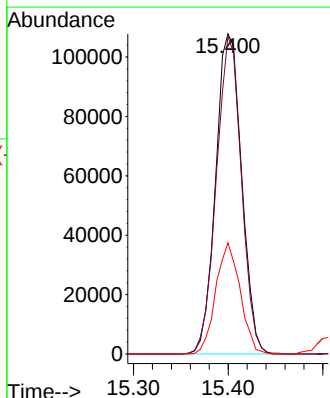
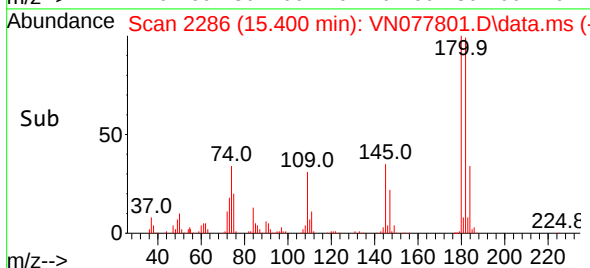
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

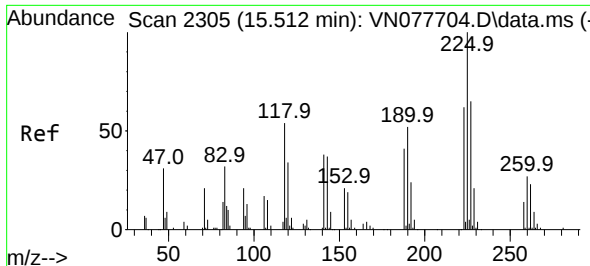


#93
1,2,4-Trichlorobenzene
Concen: 40.558 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53



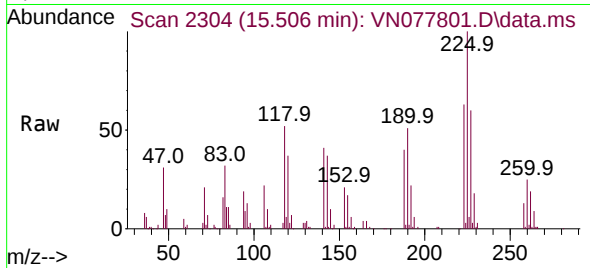
Tgt Ion:180 Resp: 205511
Ion Ratio Lower Upper
180 100
182 95.4 46.1 138.2
145 32.6 16.6 49.8





#94
Hexachlorobutadiene
Concen: 49.419 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

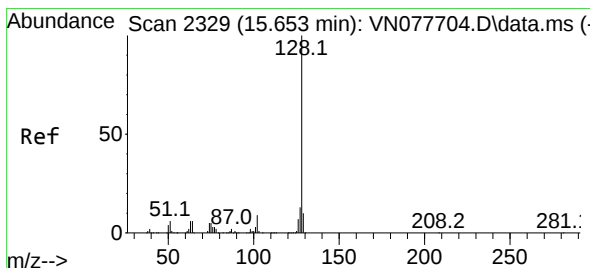
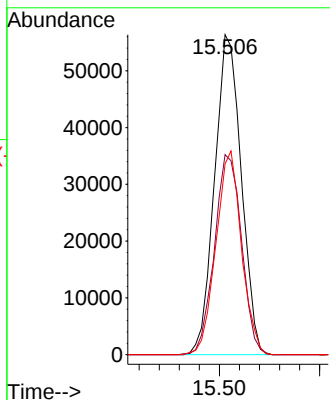
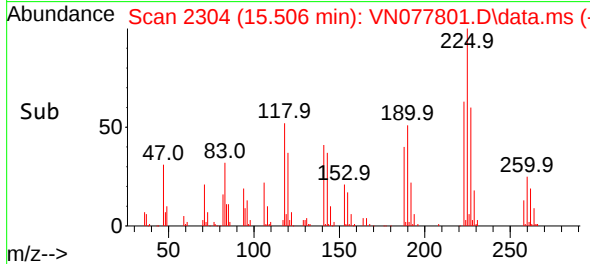
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MS



Tgt Ion:225 Resp: 10397
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 60.9 31.9 95.9

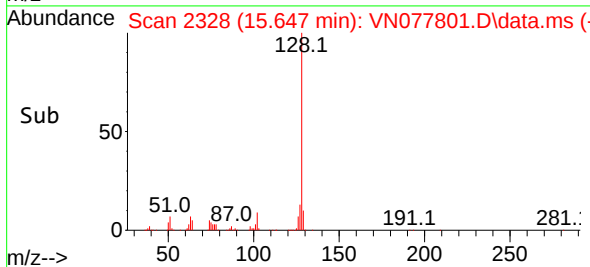
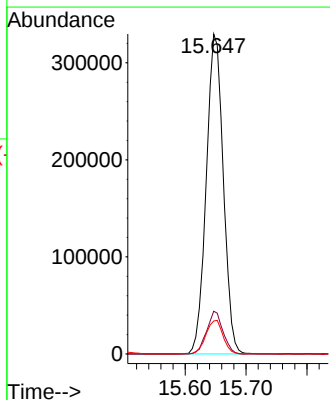
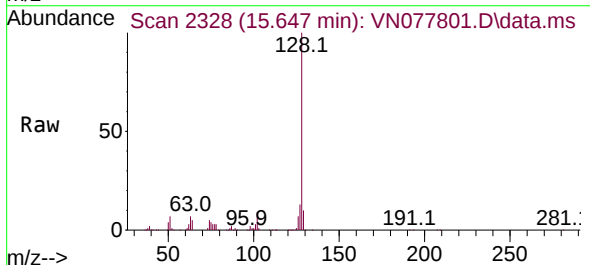
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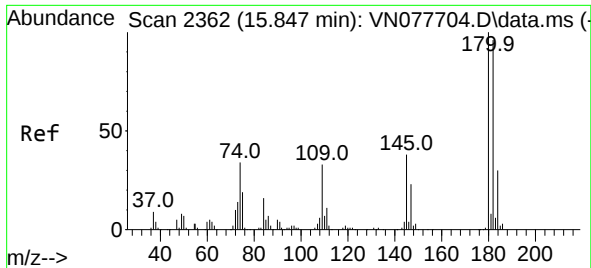
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#95
Naphthalene
Concen: 36.743 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077801.D
Acq: 22 May 2023 19:53

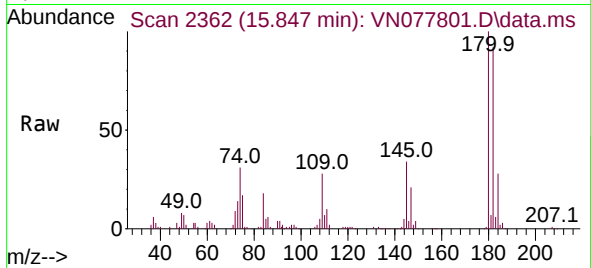
Tgt Ion:128 Resp: 640834
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.090 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077801.D
 Acq: 22 May 2023 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MS



Tgt Ion:180 Resp: 213770
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.2 138.6
 145 32.5 17.5 52.6

Manual Integrations
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Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

