

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076930.D
 Acq On : 10 Mar 2023 17:37
 Operator : JC\MD
 Sample : VN0310WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

Quant Time: Mar 13 01:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	338856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	561246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	498238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	230789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	252921	50.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.040%			
35) Dibromofluoromethane	8.172	113	180722	48.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.620%			
50) Toluene-d8	10.572	98	667735	48.437	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.880%			
62) 4-Bromofluorobenzene	12.848	95	257973	51.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.143	85	124873	20.459	ug/l	98
3) Chloromethane	2.378	50	55001	16.653	ug/l	97
4) Vinyl Chloride	2.531	62	54357	17.730	ug/l	93
5) Bromomethane	2.966	94	43155	19.137	ug/l	96
6) Chloroethane	3.137	64	34921	17.943	ug/l	99
7) Trichlorofluoromethane	3.513	101	151603	19.058	ug/l	100
8) Diethyl Ether	3.972	74	49700	19.419	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.384	101	76044	18.711	ug/l	98
10) Methyl Iodide	4.607	142	81092	19.064	ug/l #	88
11) Tert butyl alcohol	5.537	59	69455	98.737	ug/l	100
12) 1,1-Dichloroethene	4.360	96	68505	18.290	ug/l	94
13) Acrolein	4.190	56	60654	95.929	ug/l	98
14) Allyl chloride	5.043	41	106525	19.825	ug/l #	83
15) Acrylonitrile	5.731	53	188799	94.968	ug/l	99
16) Acetone	4.443	43	164250	93.738	ug/l	92
17) Carbon Disulfide	4.725	76	191081	18.417	ug/l	100
18) Methyl Acetate	5.037	43	122411	18.943	ug/l	89
19) Methyl tert-butyl Ether	5.807	73	269077	20.204	ug/l	99
20) Methylene Chloride	5.290	84	81734	18.141	ug/l	88
21) trans-1,2-Dichloroethene	5.796	96	75909	19.117	ug/l	85
22) Diisopropyl ether	6.684	45	228684	19.237	ug/l	93
23) Vinyl Acetate	6.613	43	733071	100.138	ug/l	94
24) 1,1-Dichloroethane	6.578	63	141528	18.638	ug/l	99
25) 2-Butanone	7.495	43	234828	94.229	ug/l #	87
26) 2,2-Dichloropropane	7.495	77	124544	18.534	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	88751	19.370	ug/l	88
28) Bromochloromethane	7.819	49	48715	17.735	ug/l	88
29) Tetrahydrofuran	7.842	42	150152	97.207	ug/l	89
30) Chloroform	7.972	83	157239	19.272	ug/l	92
31) Cyclohexane	8.260	56	129256	17.816	ug/l	93
32) 1,1,1-Trichloroethane	8.178	97	146794	19.190	ug/l	98
36) 1,1-Dichloropropene	8.378	75	113992	19.704	ug/l	96
37) Ethyl Acetate	7.566	43	96223	20.799	ug/l	95
38) Carbon Tetrachloride	8.372	117	133161	19.667	ug/l	92
39) Methylcyclohexane	9.607	83	135370	19.277	ug/l #	86
40) Benzene	8.613	78	329742	19.337	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	49373	17.935	ug/l	92
42) 1,2-Dichloroethane	8.678	62	132227	19.880	ug/l	93
43) Isopropyl Acetate	8.689	43	162163	19.856	ug/l	95
44) Trichloroethene	9.360	130	83258	18.892	ug/l	94
45) 1,2-Dichloropropane	9.625	63	82046	19.555	ug/l	99
46) Dibromomethane	9.713	93	58310	19.900	ug/l	94
47) Bromodichloromethane	9.895	83	123445	19.858	ug/l	95
48) Methyl methacrylate	9.684	41	78257	19.557	ug/l #	84
49) 1,4-Dioxane	9.695	88	30297	399.857	ug/l #	85
51) 4-Methyl-2-Pentanone	10.448	43	489671	99.811	ug/l	95
52) Toluene	10.631	92	205039	19.537	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	123966	20.003	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	133437	19.606	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	81985	20.078	ug/l	95
56) Ethyl methacrylate	10.878	69	125302	20.231	ug/l #	85
57) 1,3-Dichloropropane	11.166	76	145111	20.153	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	201239	102.034	ug/l	98
59) 2-Hexanone	11.195	43	354829	99.194	ug/l	92
60) Dibromochloromethane	11.360	129	91349	20.305	ug/l	99
61) 1,2-Dibromoethane	11.472	107	81711	19.965	ug/l	99
64) Tetrachloroethene	11.107	164	80027	19.846	ug/l	92
65) Chlorobenzene	11.895	112	209922	18.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	84768	19.484	ug/l	96
67) Ethyl Benzene	11.966	91	404717	19.749	ug/l	95
68) m/p-Xylenes	12.072	106	295858	38.411	ug/l	84
69) o-Xylene	12.401	106	148565	19.868	ug/l	84
70) Styrene	12.413	104	247615	20.497	ug/l #	93
71) Bromoform	12.583	173	62987	19.977	ug/l #	96
73) Isopropylbenzene	12.695	105	396734	19.292	ug/l	95
74) N-amyl acetate	12.495	43	130757	19.204	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.936	83	111574	18.439	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	119566m	21.369	ug/l	
77) Bromobenzene	12.983	156	89037	19.367	ug/l	91
78) n-propylbenzene	13.036	91	450811	19.686	ug/l	98
79) 2-Chlorotoluene	13.130	91	285657	19.236	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	344902	19.689	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.742	75	35408	20.671	ug/l #	78
82) 4-Chlorotoluene	13.224	91	275626	19.642	ug/l	91
83) tert-Butylbenzene	13.442	119	290191	19.499	ug/l	90
84) 1,2,4-Trimethylbenzene	13.483	105	348148	19.864	ug/l	91
85) sec-Butylbenzene	13.619	105	404852	19.846	ug/l	96
86) p-Isopropyltoluene	13.730	119	339604	20.615	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	161114	19.229	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	158773	18.890	ug/l	97
89) n-Butylbenzene	14.060	91	274583	19.975	ug/l	98
90) Hexachloroethane	14.336	117	59805	18.893	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	163313	19.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	25311	18.946	ug/l	87
93) 1,2,4-Trichlorobenzene	15.395	180	88535	18.923	ug/l	97
94) Hexachlorobutadiene	15.507	225	48703	19.538	ug/l	95
95) Naphthalene	15.642	128	280041	20.104	ug/l	100
96) 1,2,3-Trichlorobenzene	15.848	180	88092	19.389	ug/l	98

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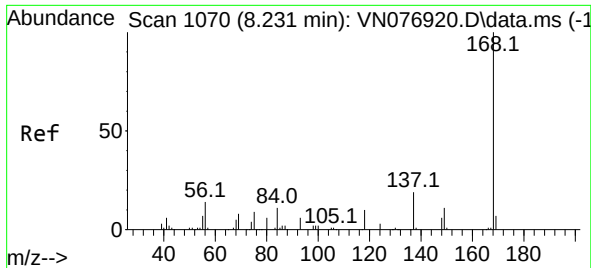
Manual Integrations
APPROVED

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Response via : Initial Calibration

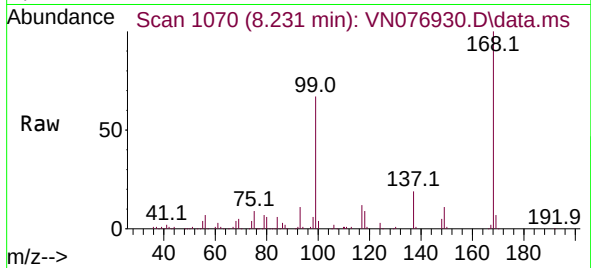
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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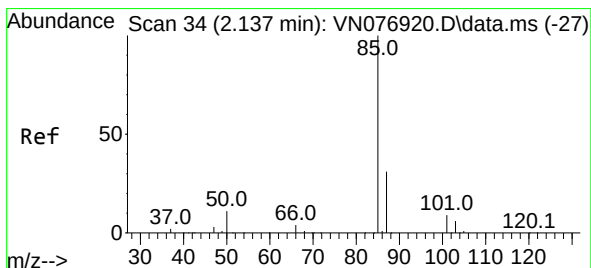
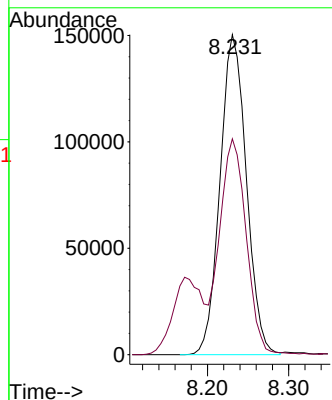
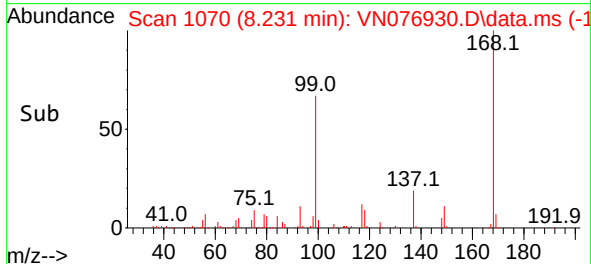
Instrument :
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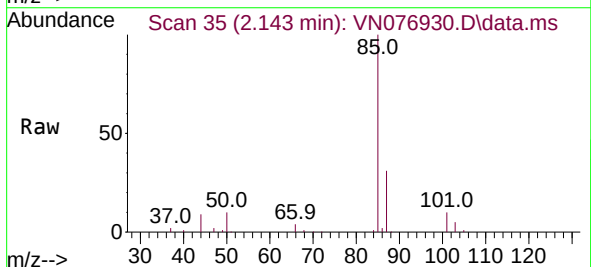
Tgt Ion:168 Resp: 338850
Ion Ratio Lower Upper
168 100
99 66.8 48.6 73.0

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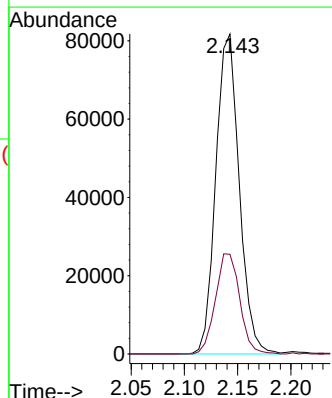
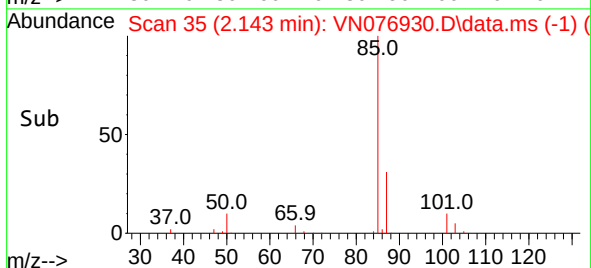
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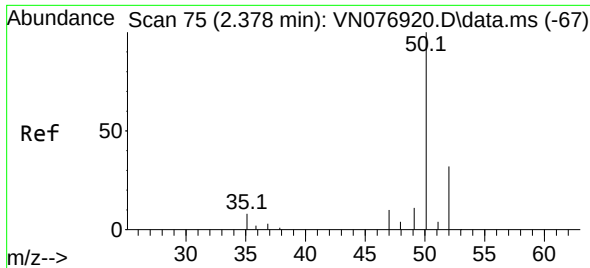


#2
Dichlorodifluoromethane
Concen: 20.459 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



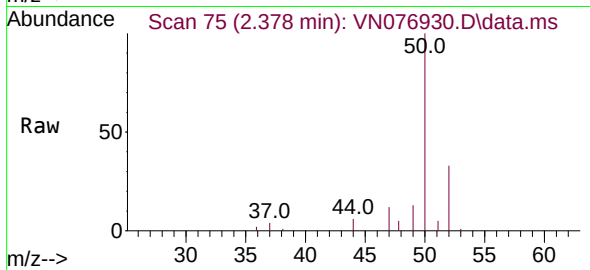
Tgt Ion: 85 Resp: 124873
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6





#3
Chloromethane
Concen: 16.653 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

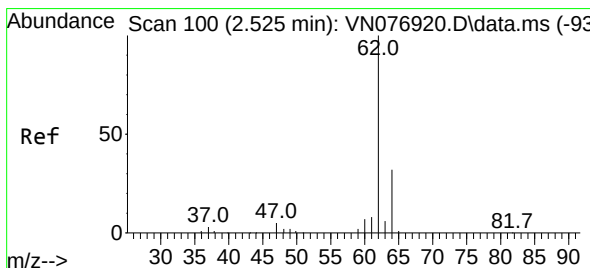
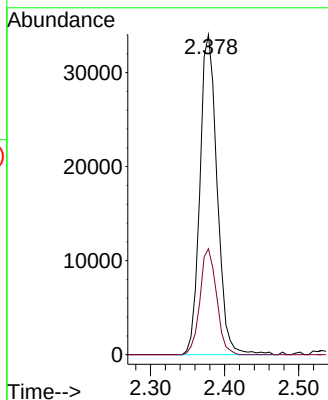
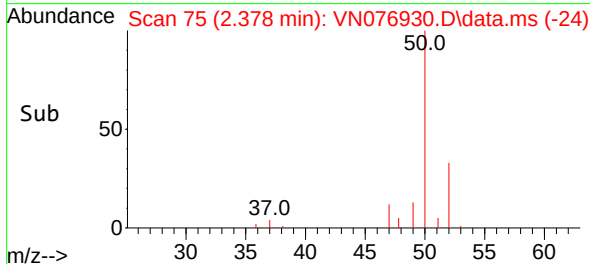
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Tgt Ion: 50 Resp: 5500
Ion Ratio Lower Upper
50 100
52 33.1 27.9 41.9

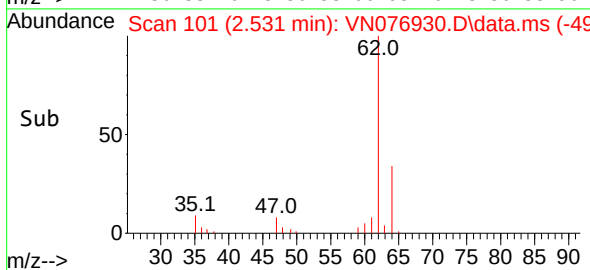
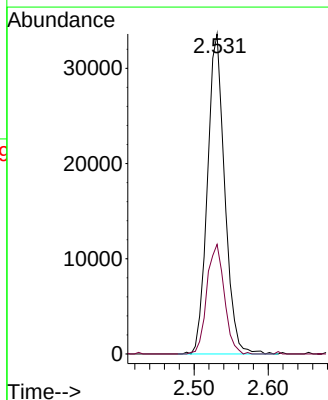
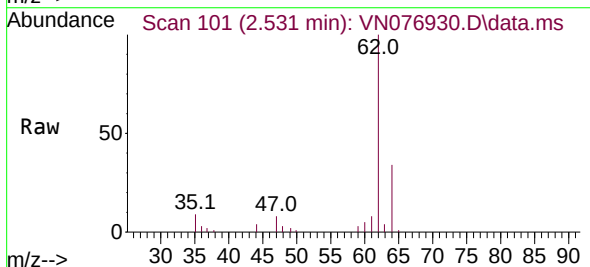
Manual Integrations
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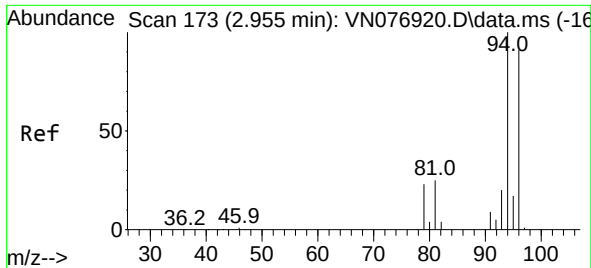
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#4
Vinyl Chloride
Concen: 17.730 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 62 Resp: 54357
Ion Ratio Lower Upper
62 100
64 34.3 24.5 36.7





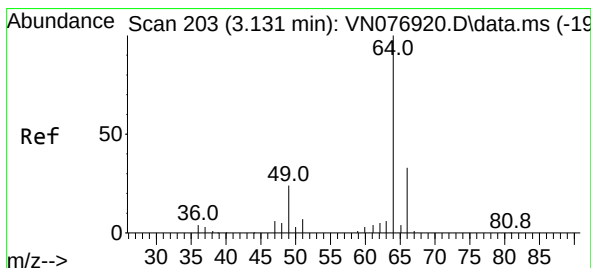
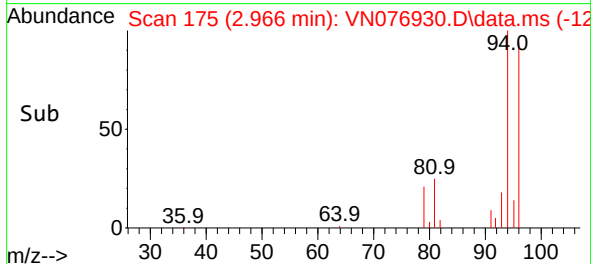
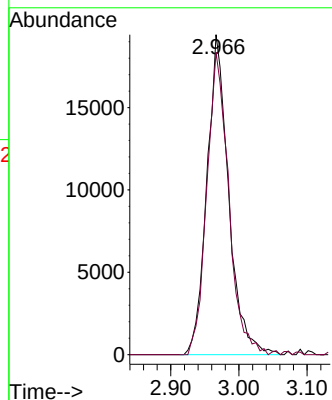
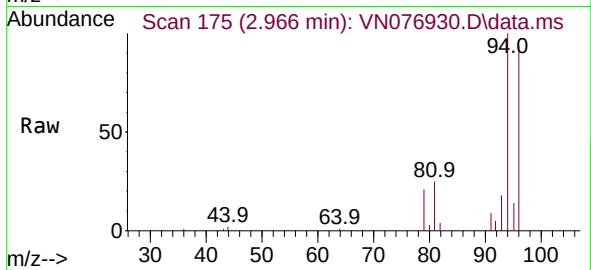
#5
Bromomethane
Concen: 19.137 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 4315
Ion Ratio Lower Upper
94 100
96 94.5 79.0 118.6

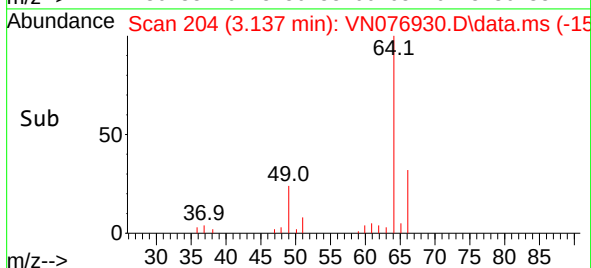
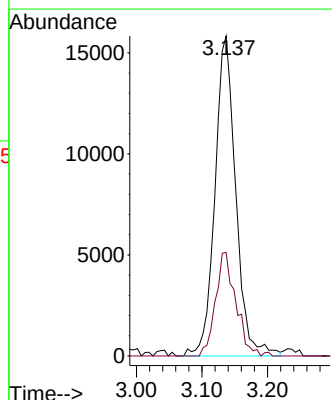
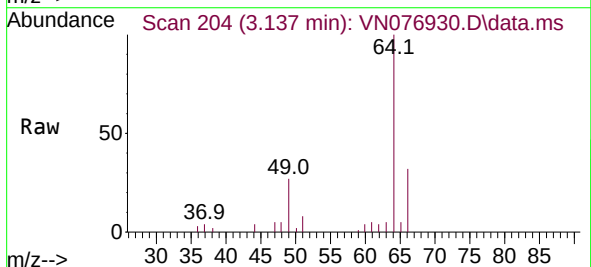
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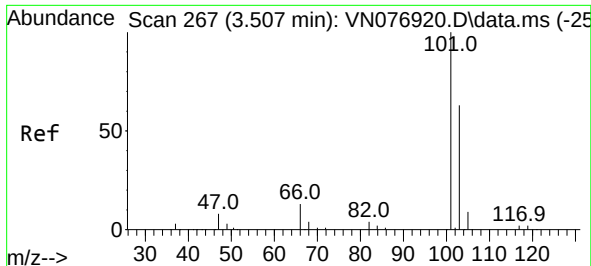
Reviewed By :John Carlone 03/13/2023
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#6
Chloroethane
Concen: 17.943 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 64 Resp: 34921
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4





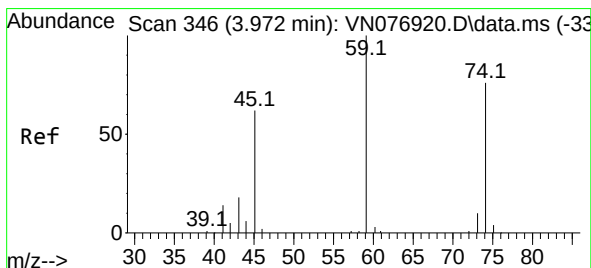
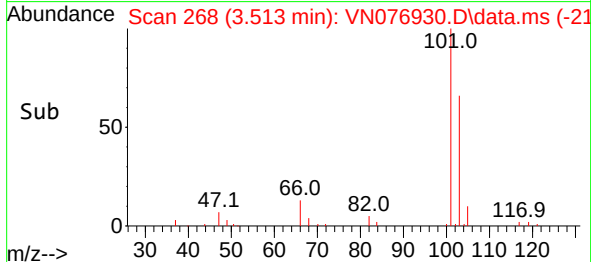
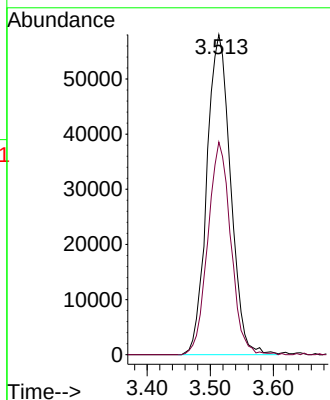
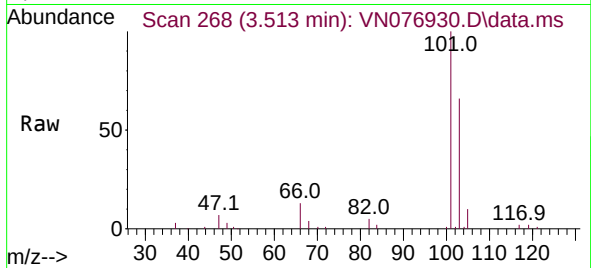
#7
Trichlorofluoromethane
Concen: 19.058 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:101 Resp: 15160
Ion Ratio Lower Upper
101 100
103 66.5 53.4 80.0

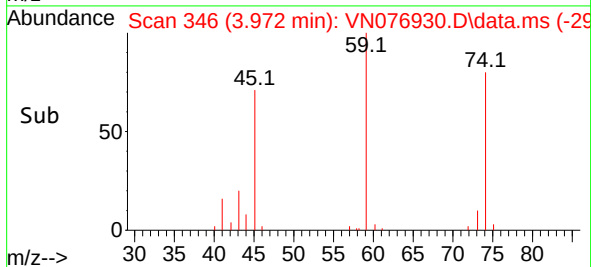
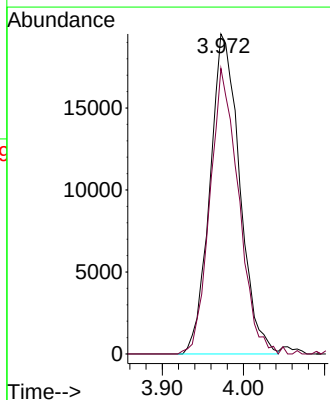
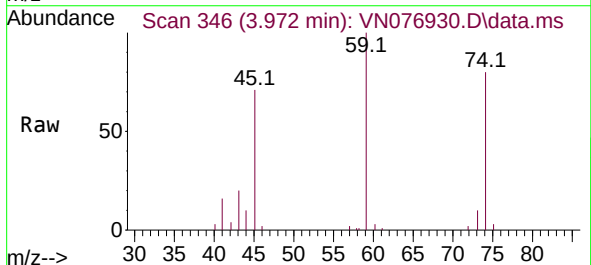
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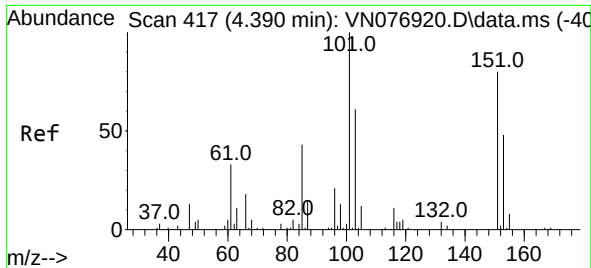
Reviewed By :John Carlone 03/13/2023
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#8
Diethyl Ether
Concen: 19.419 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076930.D
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Tgt Ion: 74 Resp: 49700
Ion Ratio Lower Upper
74 100
45 86.2 35.5 106.5





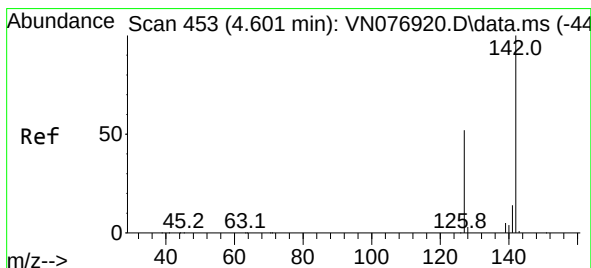
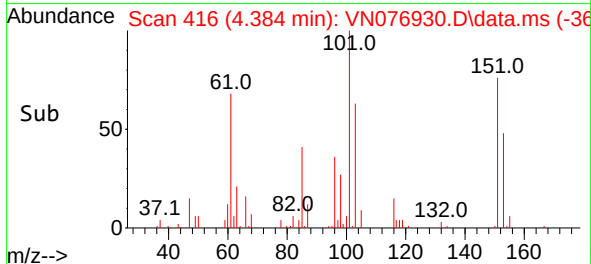
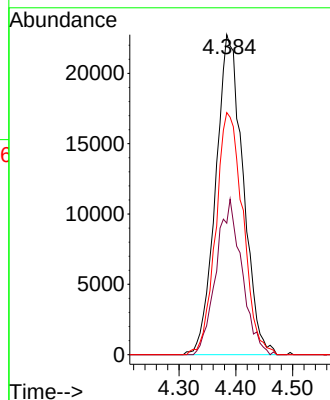
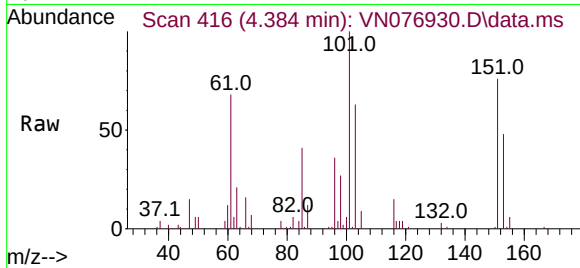
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.711 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:101 Resp: 7604
Ion Ratio Lower Upper
101 100
85 45.9 35.2 52.8
151 75.2 58.9 88.3

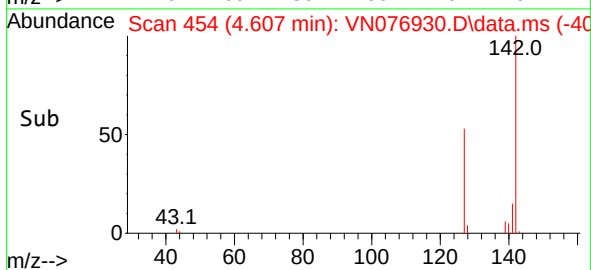
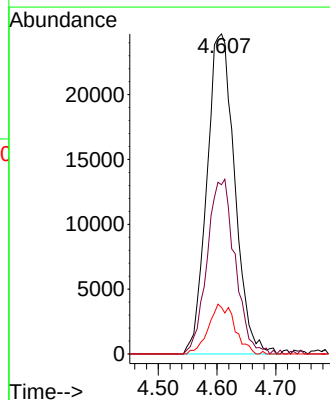
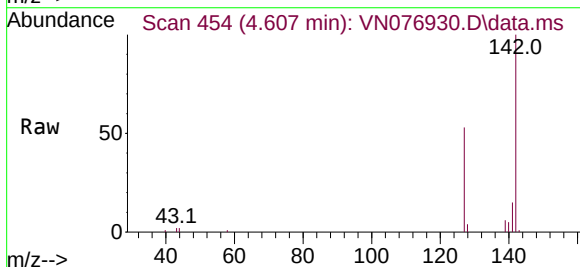
Manual Integrations
APPROVED

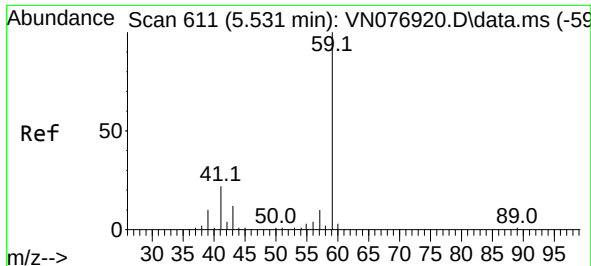
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 19.064 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:142 Resp: 81092
Ion Ratio Lower Upper
142 100
127 52.9 35.2 52.8#
141 14.5 10.2 15.2





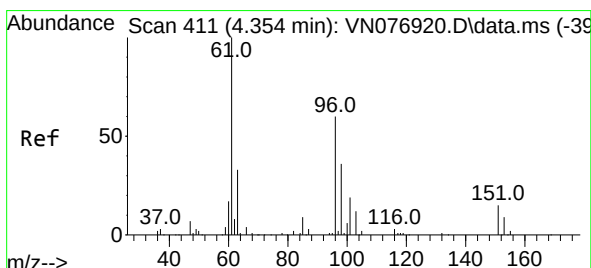
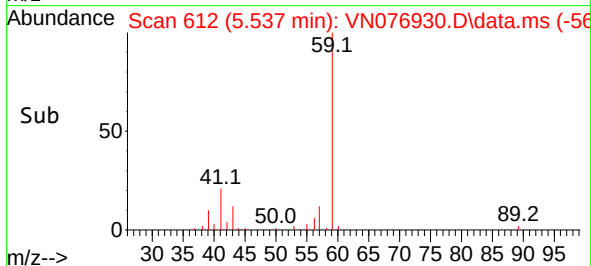
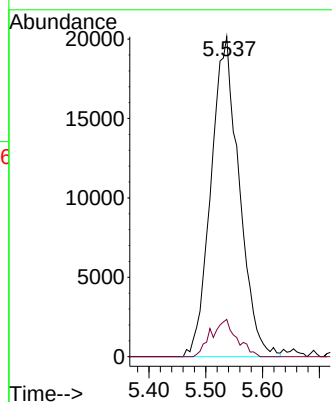
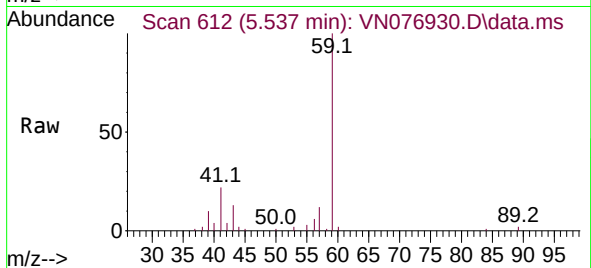
#11
Tert butyl alcohol
Concen: 98.737 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 59 Resp: 6945
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

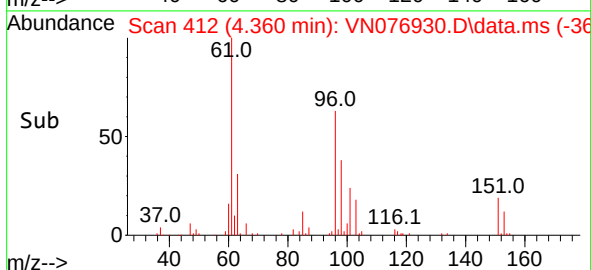
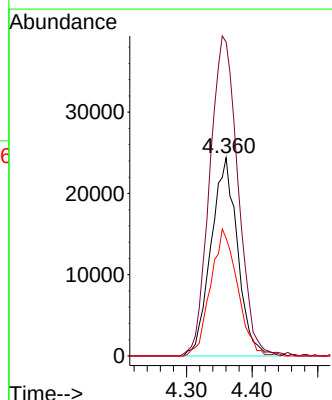
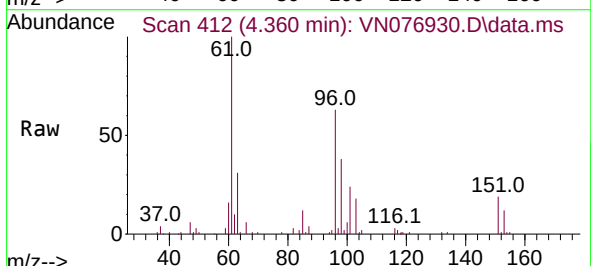
Manual Integrations
APPROVED

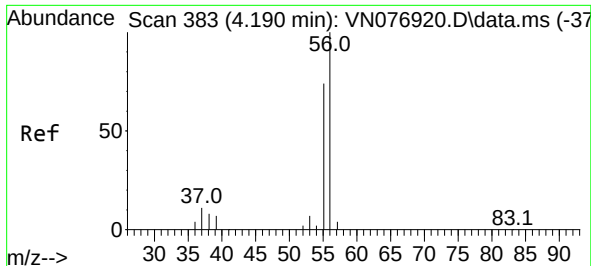
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#12
1,1-Dichloroethene
Concen: 18.290 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 96 Resp: 68505
Ion Ratio Lower Upper
96 100
61 158.3 121.3 181.9
98 59.5 52.1 78.1





#13

Acrolein

Concen: 95.929 ug/l

RT: 4.190 min Scan# 383

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 56 Resp: 60654

Ion Ratio Lower Upper

56 100

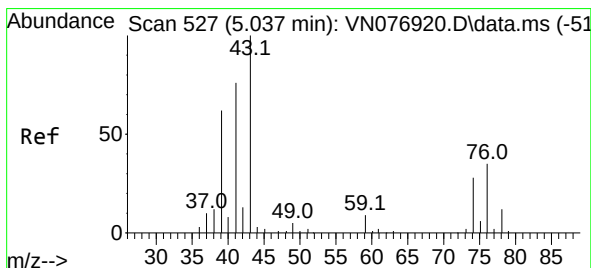
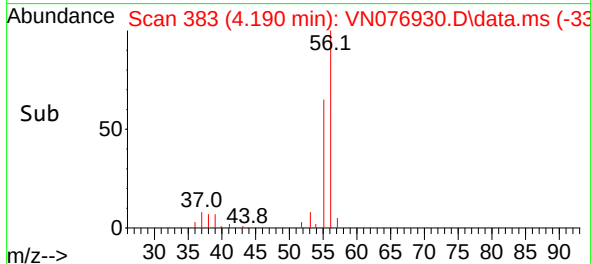
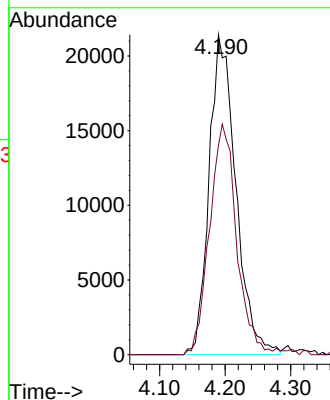
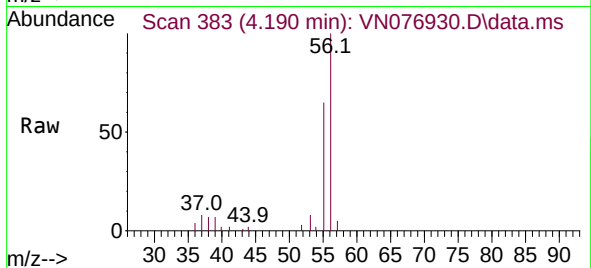
55 72.7 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#14

Allyl chloride

Concen: 19.825 ug/l

RT: 5.043 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

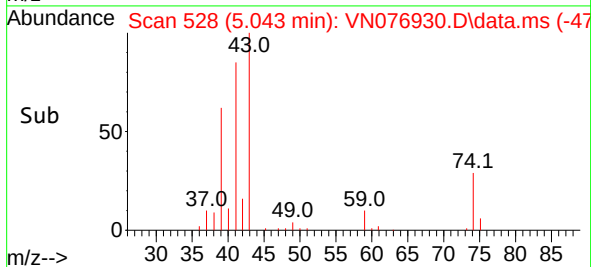
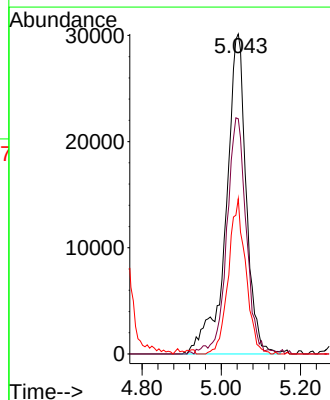
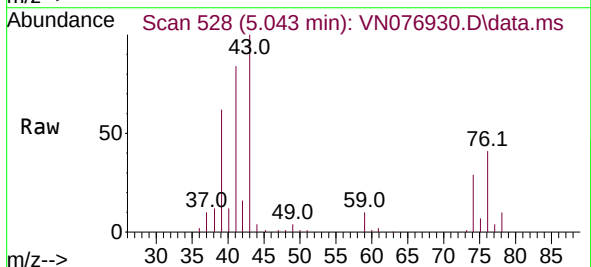
Tgt Ion: 41 Resp: 106525

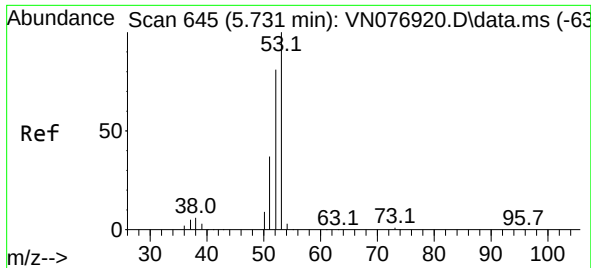
Ion Ratio Lower Upper

41 100

39 70.7 68.1 102.1

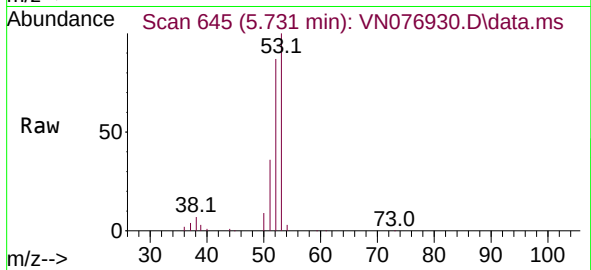
76 41.6 44.1 66.1#





#15
Acrylonitrile
Concen: 94.968 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

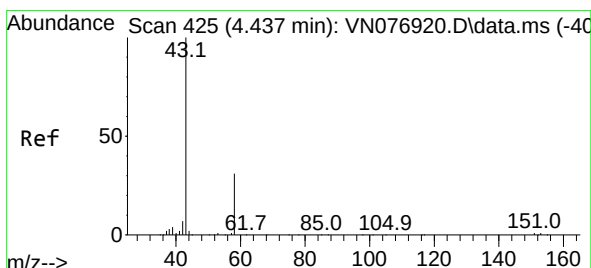
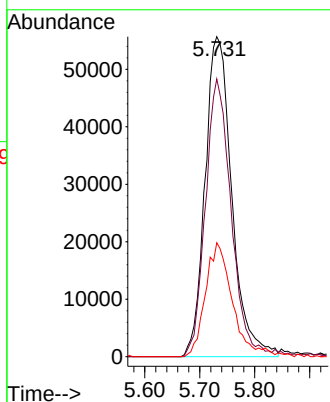
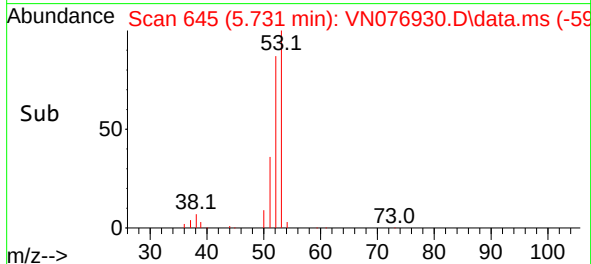
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



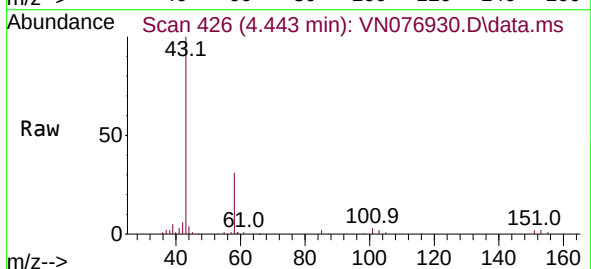
Tgt Ion: 53 Resp: 188799
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 35.6 28.8 43.2

Manual Integrations
APPROVED

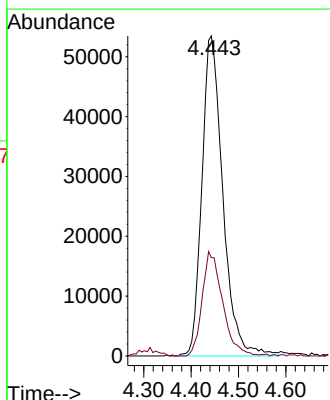
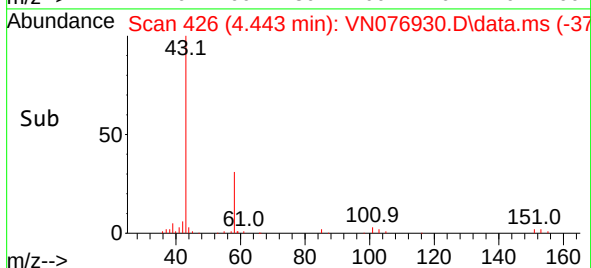
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

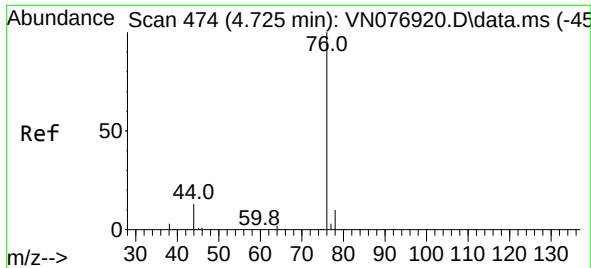


#16
Acetone
Concen: 93.738 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



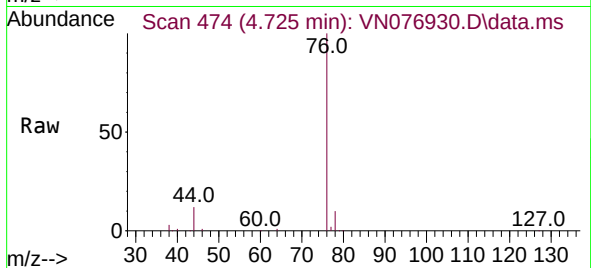
Tgt Ion: 43 Resp: 164250
Ion Ratio Lower Upper
43 100
58 30.7 28.2 42.2





#17
Carbon Disulfide
Concen: 18.417 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

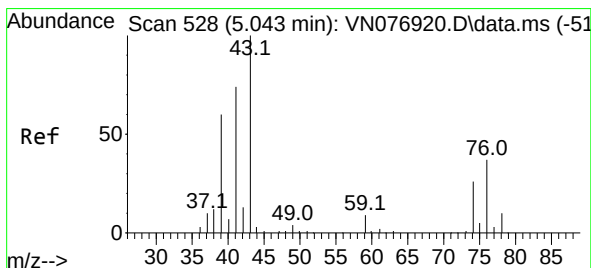
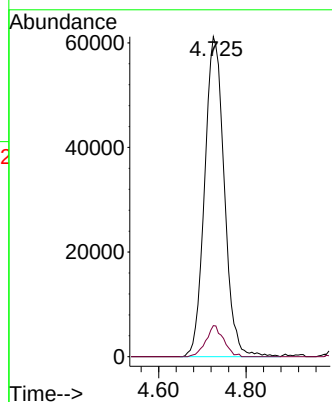
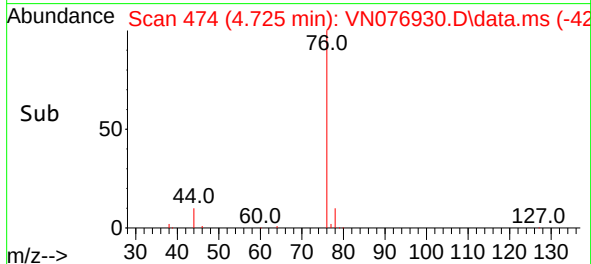
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



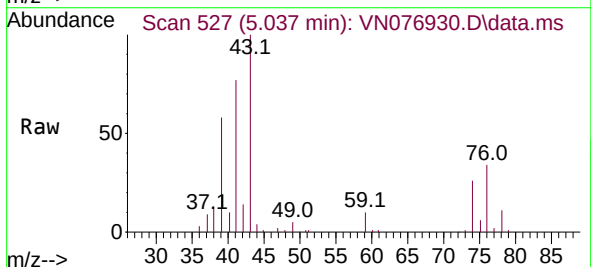
Tgt Ion: 76 Resp: 19108
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8

Manual Integrations
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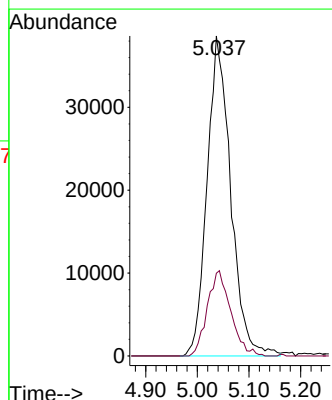
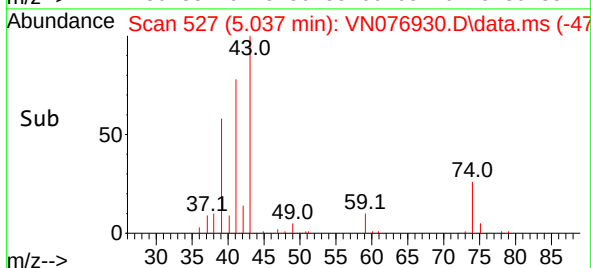
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

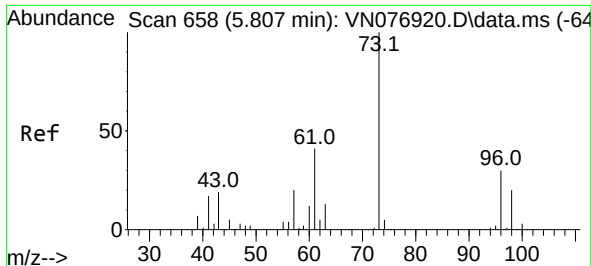


#18
Methyl Acetate
Concen: 18.943 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



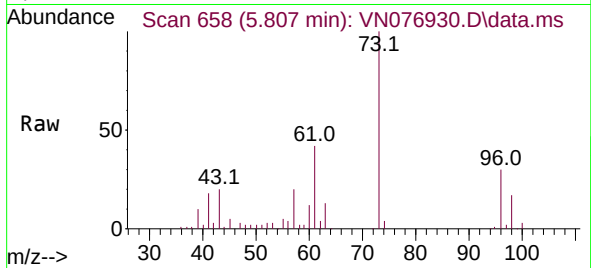
Tgt Ion: 43 Resp: 122411
Ion Ratio Lower Upper
43 100
74 26.4 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 20.204 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

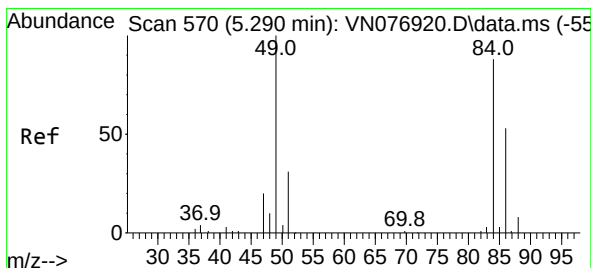
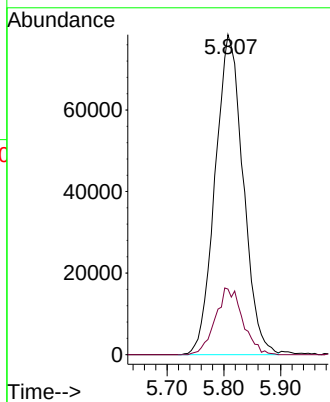
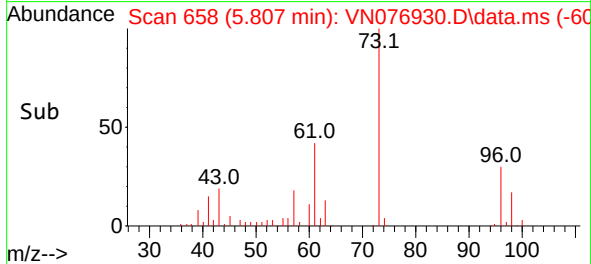
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 73 Resp: 26907
Ion Ratio Lower Upper
73 100
57 20.5 16.1 24.1

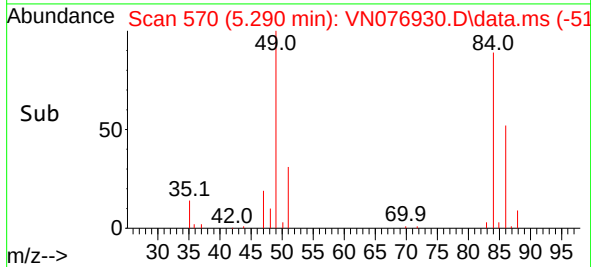
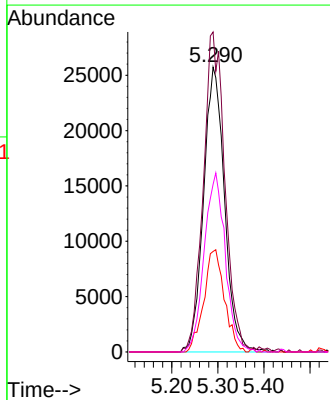
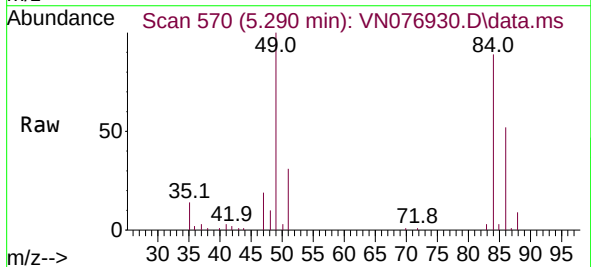
Manual Integrations
APPROVED

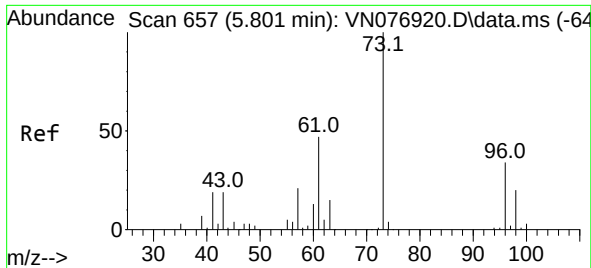
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 18.141 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 84 Resp: 81734
Ion Ratio Lower Upper
84 100
49 112.4 76.6 114.8
51 35.3 25.4 38.2
86 58.8 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 19.117 ug/l
RT: 5.796 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

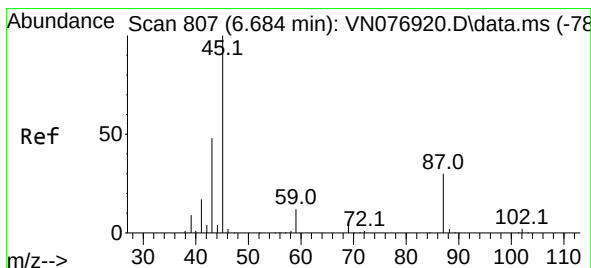
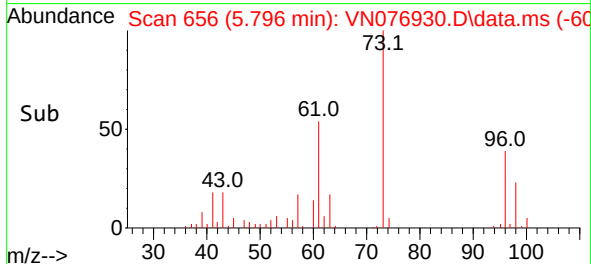
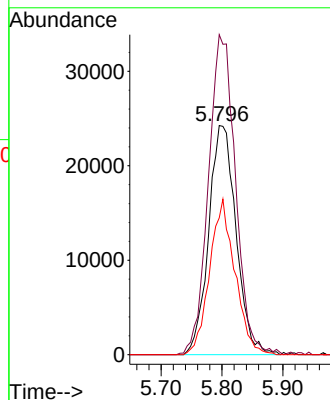
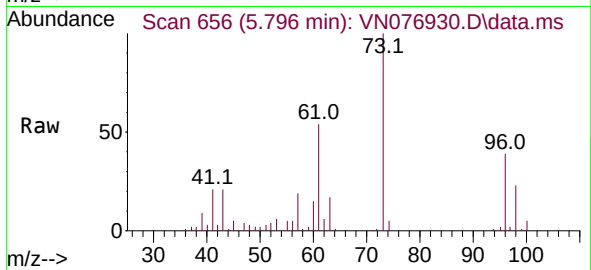
Tgt Ion: 96 Resp: 75909
Ion Ratio Lower Upper
96 100
61 139.0 95.0 142.6
98 59.7 54.5 81.7

Manual Integrations

APPROVED

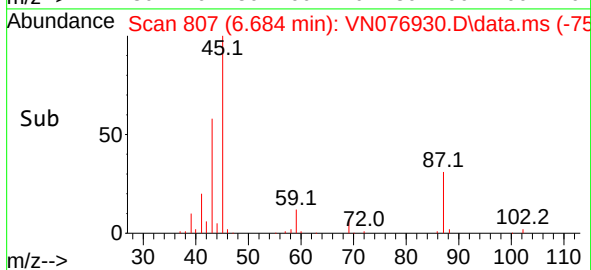
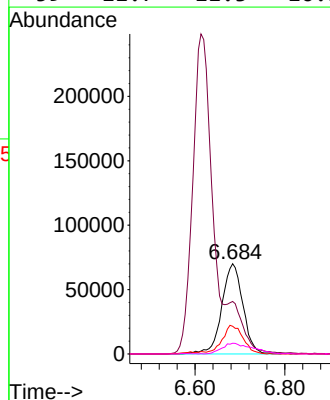
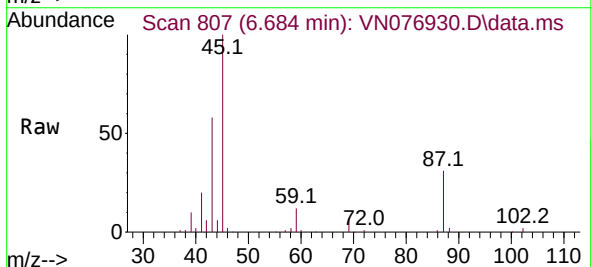
Reviewed By :John Carlone 03/13/2023

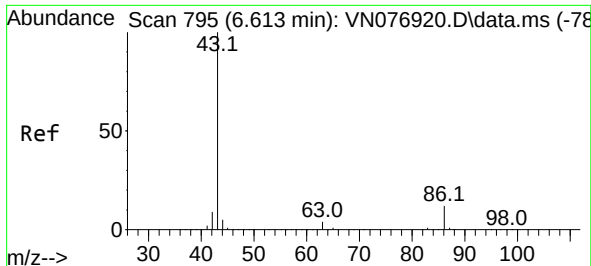
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 19.237 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 45 Resp: 228684
Ion Ratio Lower Upper
45 100
43 56.5 42.6 63.8
87 30.6 29.7 44.5
59 11.7 11.3 16.9





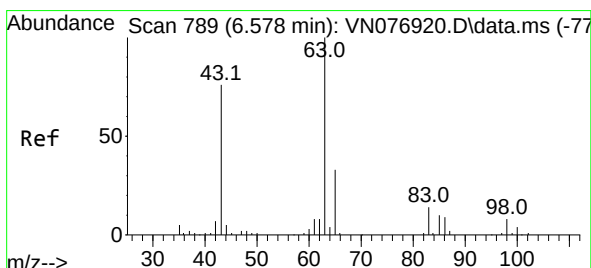
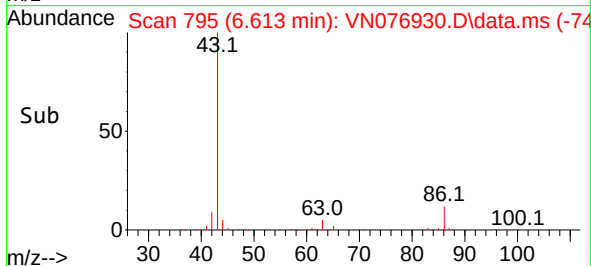
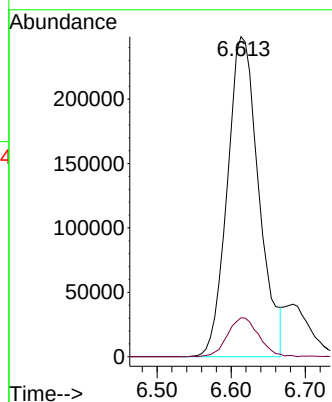
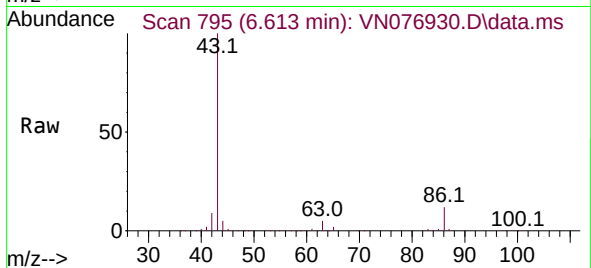
#23
 Vinyl Acetate
 Concen: 100.138 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076930.D
 Acq: 10 Mar 2023 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01

Tgt Ion: 43 Resp: 73307
 Ion Ratio Lower Upper
 43 100
 86 12.2 11.8 17.6

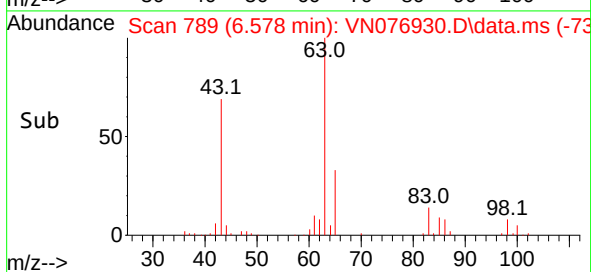
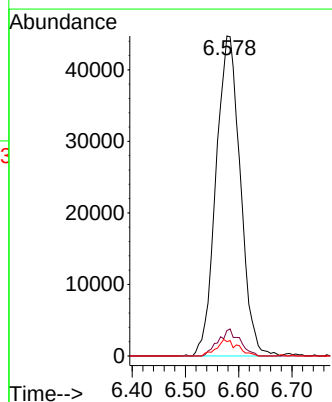
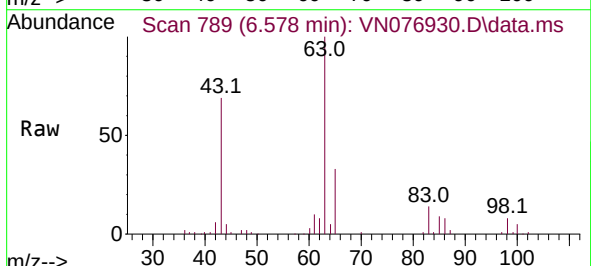
Manual Integrations
 APPROVED

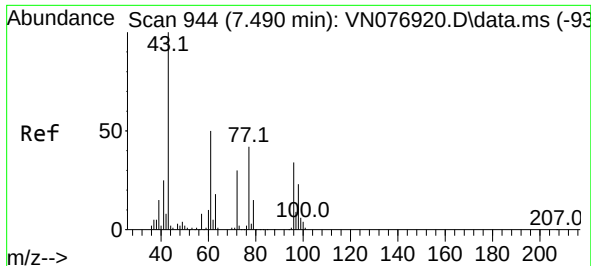
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 18.638 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN076930.D
 Acq: 10 Mar 2023 17:37

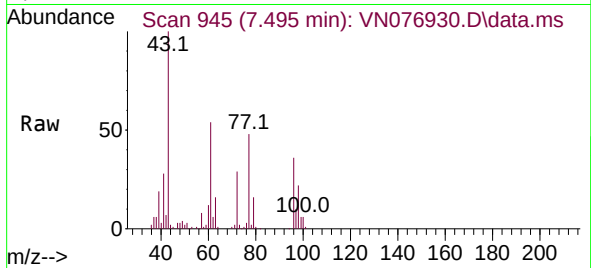
Tgt Ion: 63 Resp: 141528
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.2 12.6
 100 4.5 2.2 6.6





#25
2-Butanone
Concen: 94.229 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

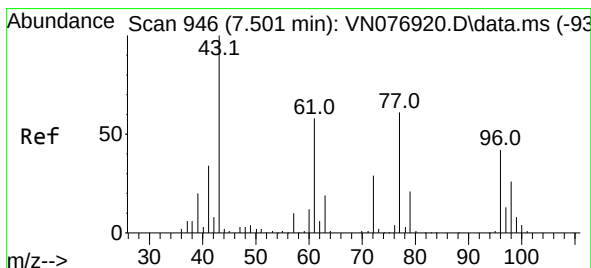
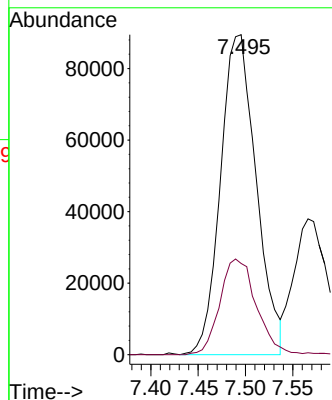
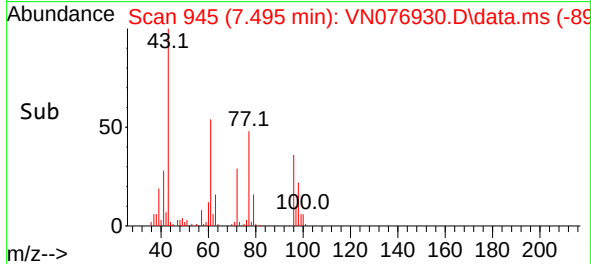
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 43 Resp: 234828
Ion Ratio Lower Upper
43 100
72 28.5 28.8 43.2

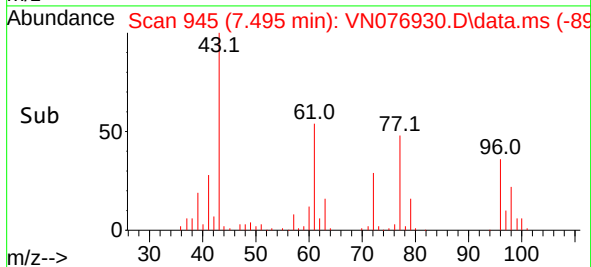
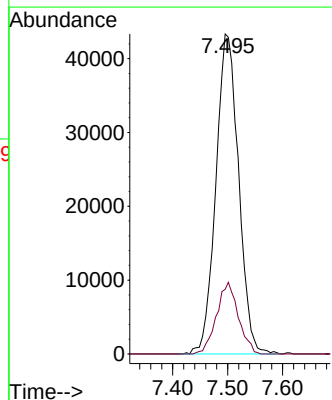
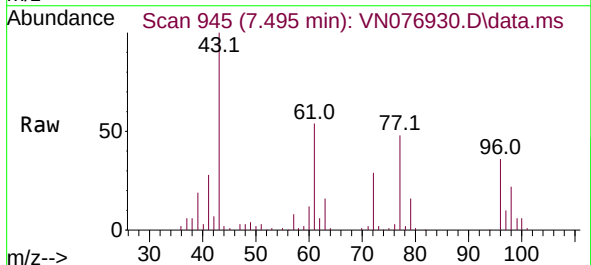
Manual Integrations
APPROVED

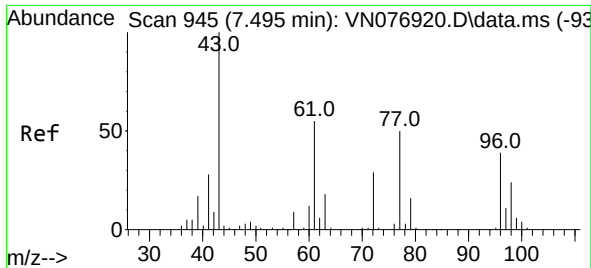
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 18.534 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 77 Resp: 124544
Ion Ratio Lower Upper
77 100
97 21.5 11.5 34.5





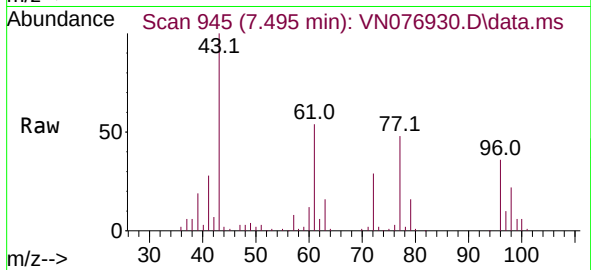
#27
 cis-1,2-Dichloroethene
 Concen: 19.370 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076930.D
 Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

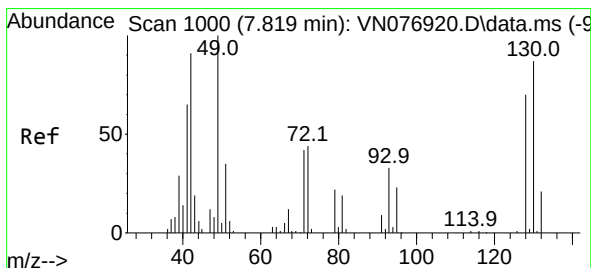
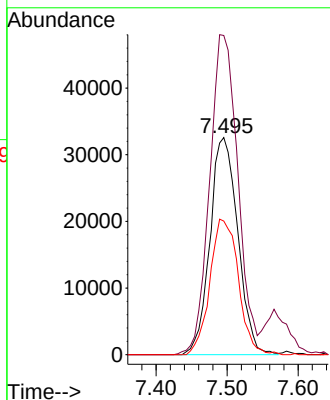
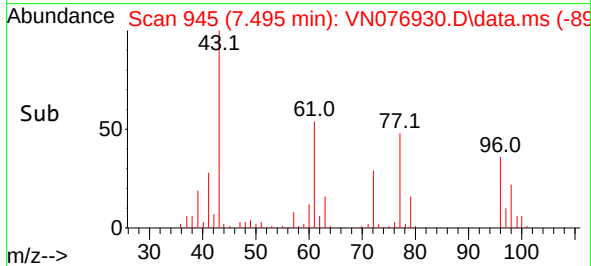


Tgt Ion: 96 Resp: 8875
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 255.6
 98 63.7 0.0 127.4

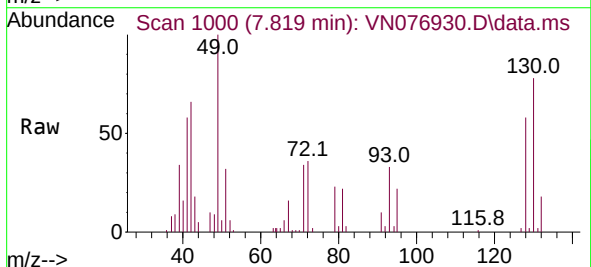
Manual Integrations

APPROVED

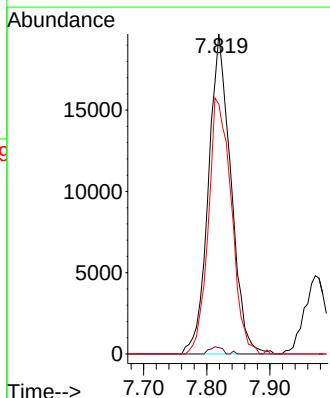
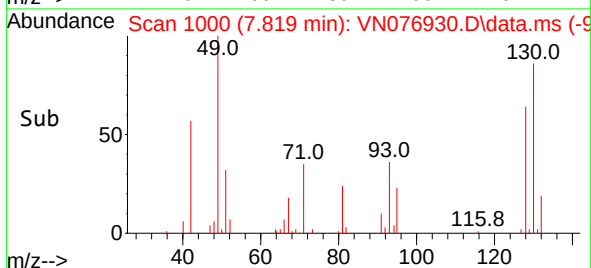
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

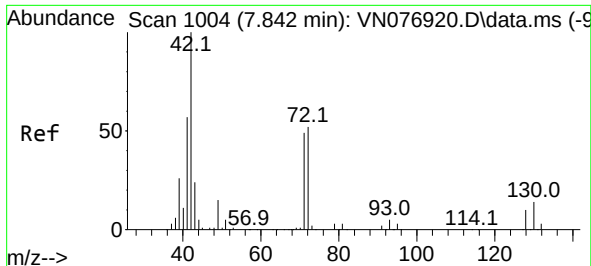


#28
 Bromochloromethane
 Concen: 17.735 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN076930.D
 Acq: 10 Mar 2023 17:37



Tgt Ion: 49 Resp: 48715
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 81.7 74.8 112.2





#29

Tetrahydrofuran

Concen: 97.207 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

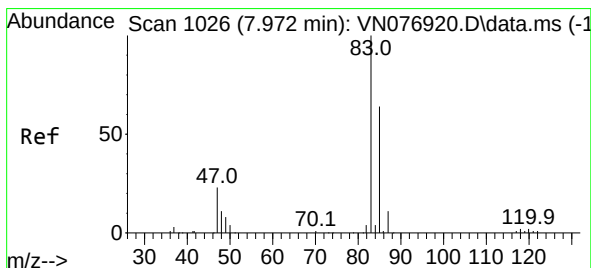
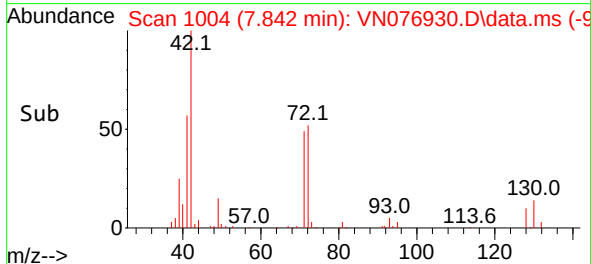
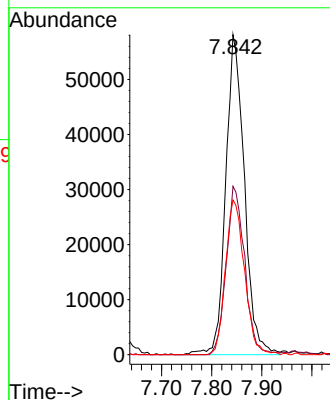
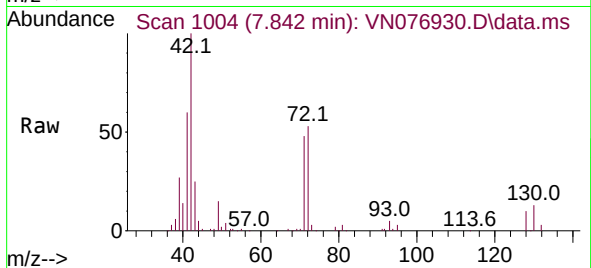
VN0310WBSD01

Tgt Ion: 42 Resp: 150152
 Ion Ratio Lower Upper
 42 100
 72 52.0 48.6 73.0
 71 49.4 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 19.272 ug/l

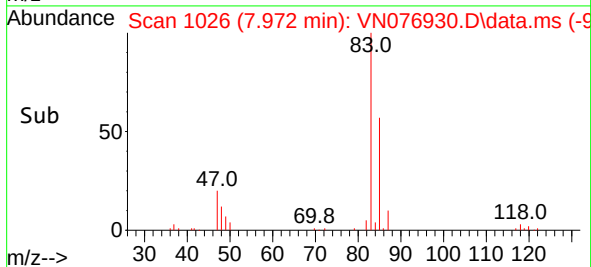
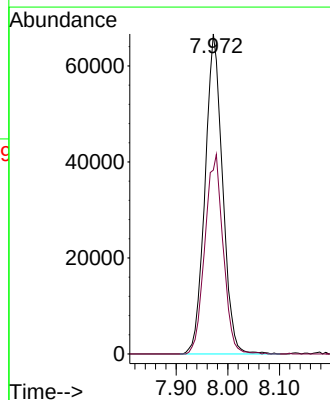
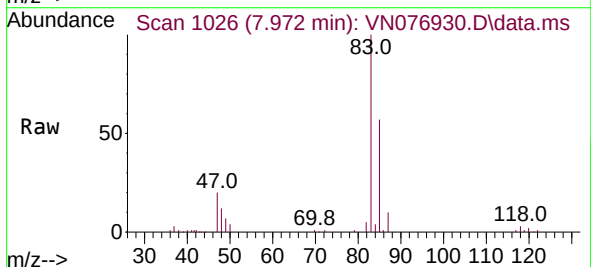
RT: 7.972 min Scan# 1026

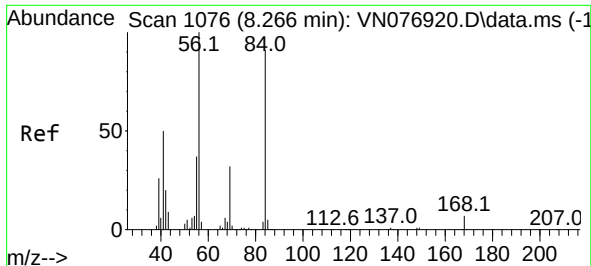
Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

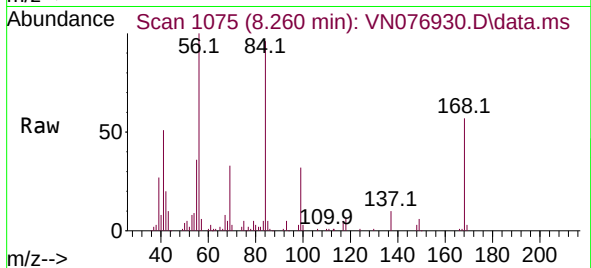
Tgt Ion: 83 Resp: 157239
 Ion Ratio Lower Upper
 83 100
 85 57.5 51.3 76.9





#31
Cyclohexane
Concen: 17.816 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

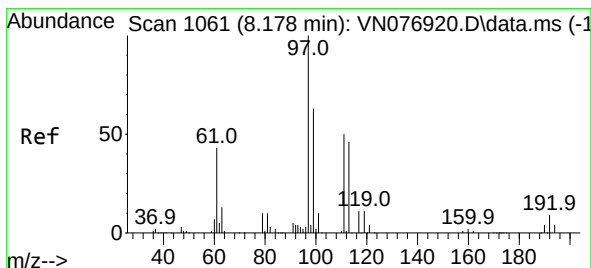
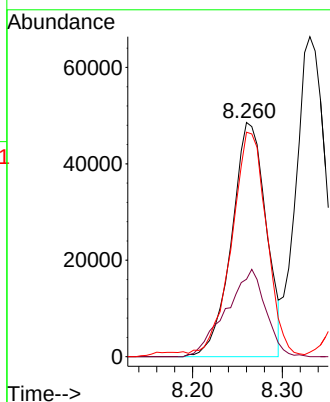
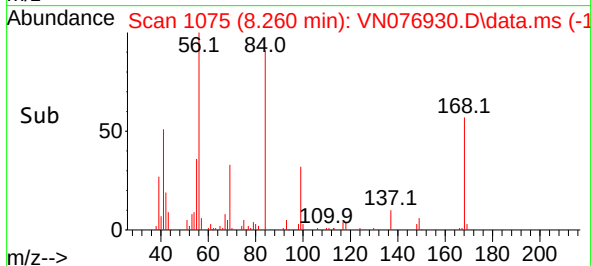
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 56 Resp: 129250
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.6
84 94.0 82.9 124.3

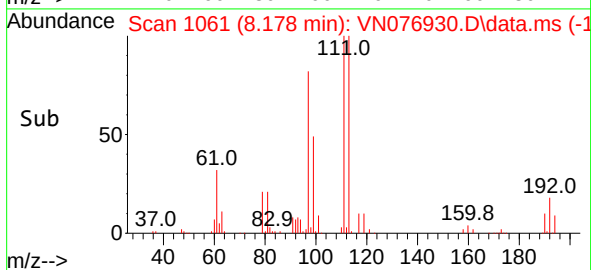
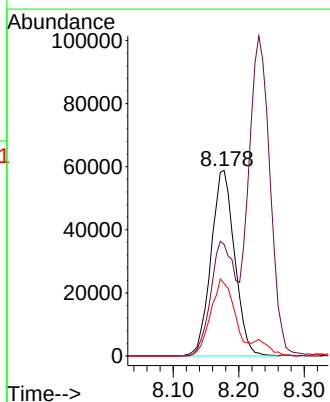
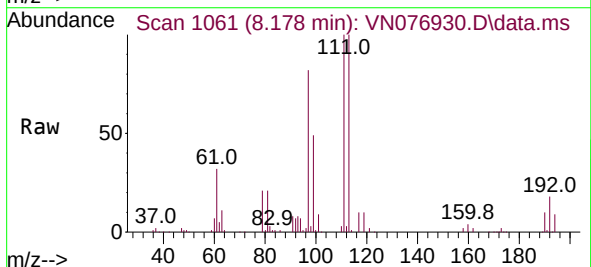
Manual Integrations
APPROVED

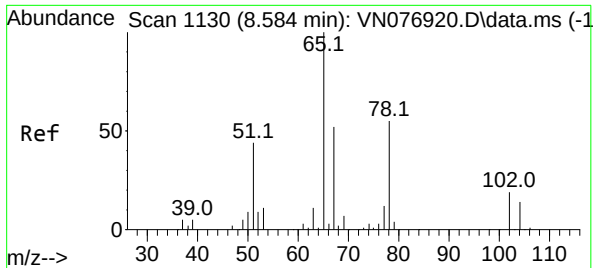
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#32
1,1,1-Trichloroethane
Concen: 19.190 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 97 Resp: 146794
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 43.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.017 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 65 Resp: 25292

Ion Ratio Lower Upper

65 100

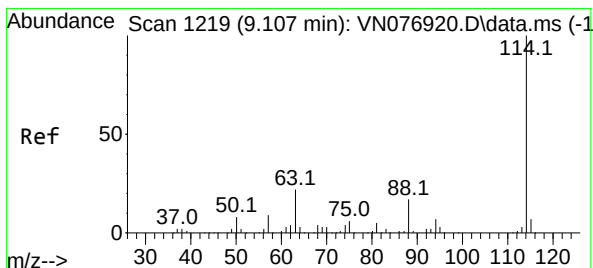
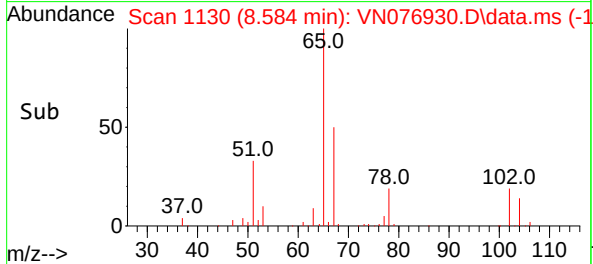
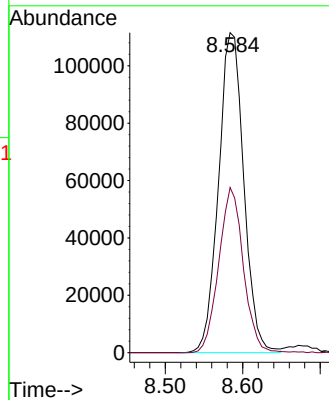
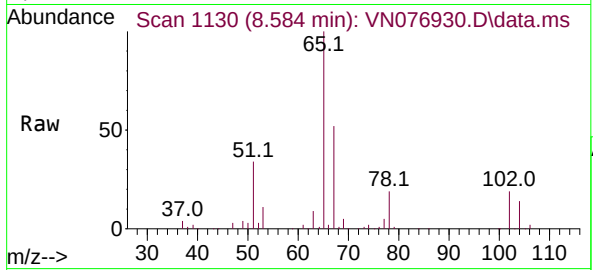
67 50.3 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

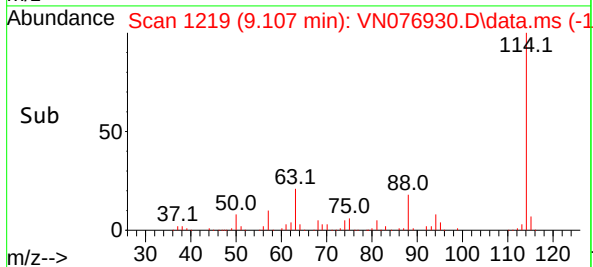
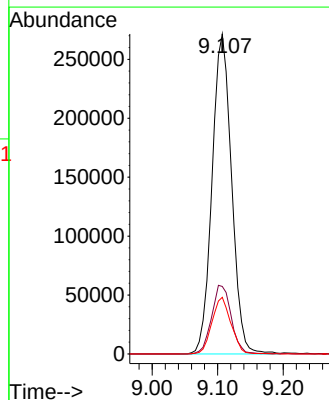
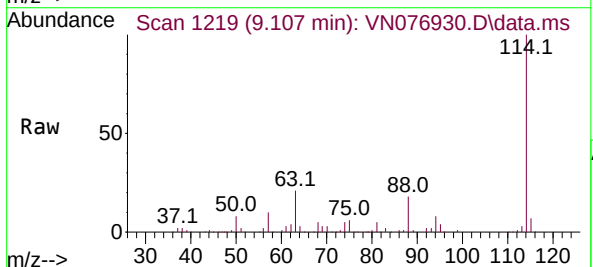
Tgt Ion:114 Resp: 561246

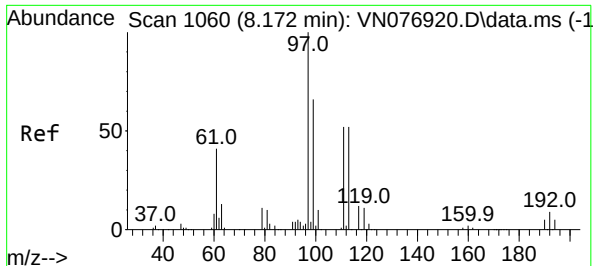
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 17.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion:113 Resp: 18072

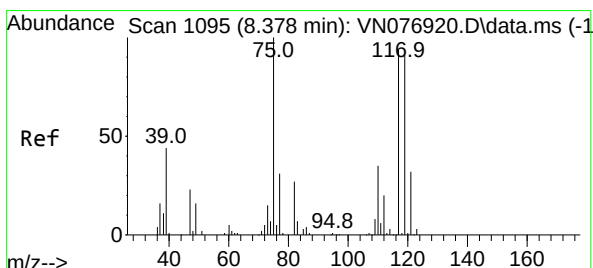
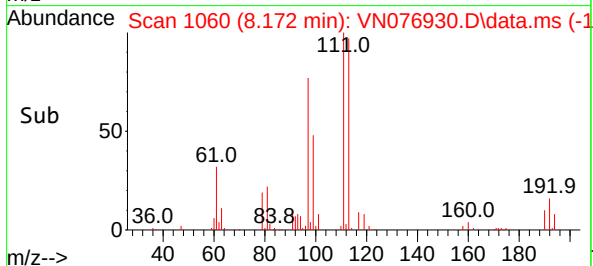
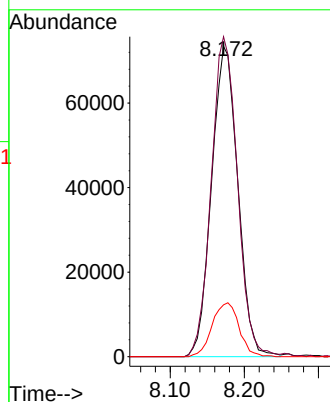
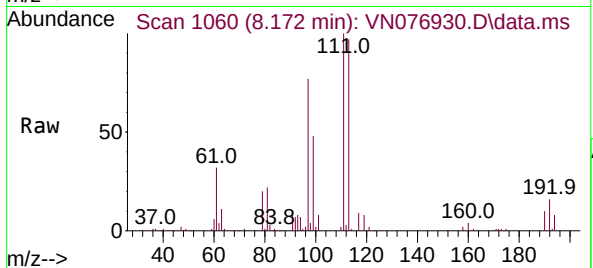
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	17.8	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#36

1,1-Dichloropropene

Concen: 19.704 ug/l

RT: 8.378 min Scan# 1095

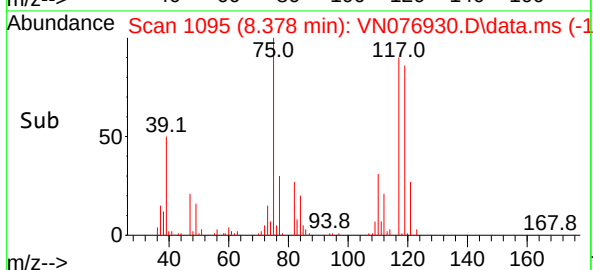
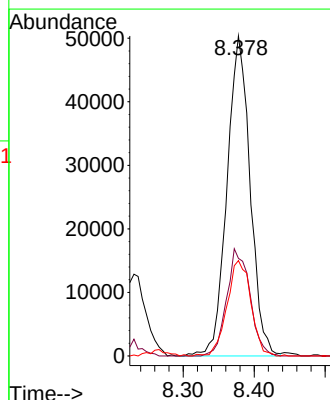
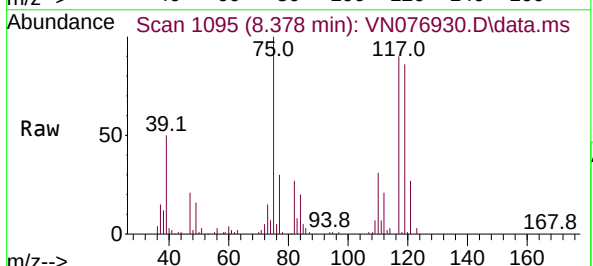
Delta R.T. 0.000 min

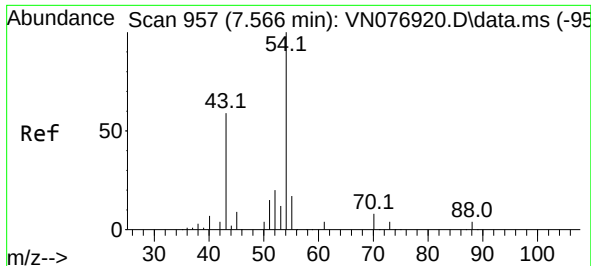
Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Tgt Ion: 75 Resp: 113992

Ion	Ratio	Lower	Upper
75	100		
110	33.5	18.9	56.9
77	30.7	24.9	37.3





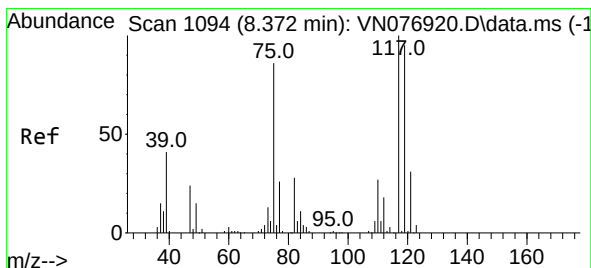
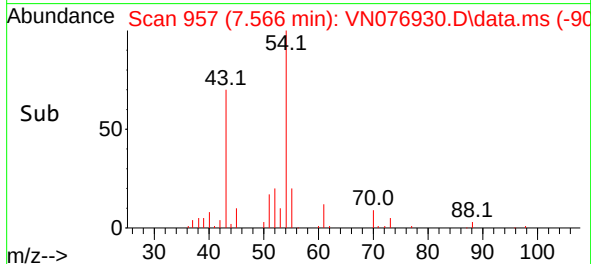
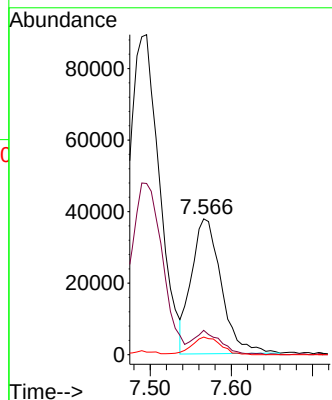
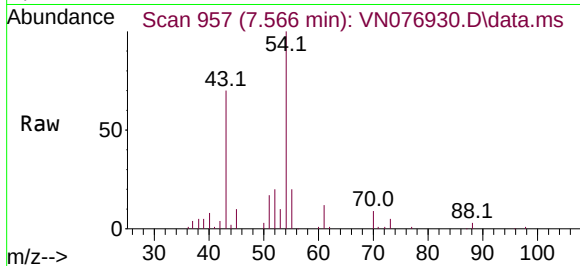
#37
Ethyl Acetate
Concen: 20.799 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 43 Resp: 96223
Ion Ratio Lower Upper
43 100
61 13.7 13.5 20.3
70 12.6 11.0 16.6

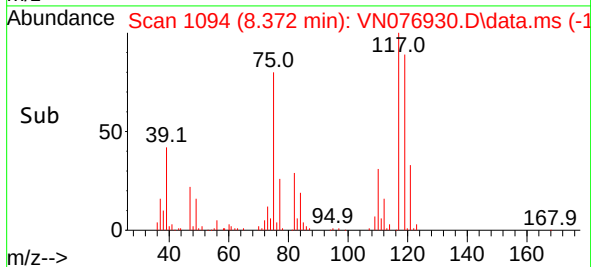
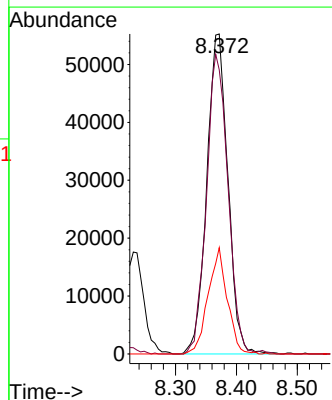
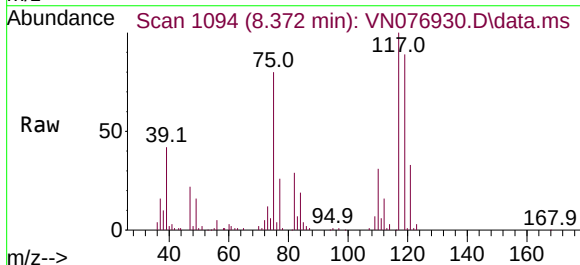
Manual Integrations
APPROVED

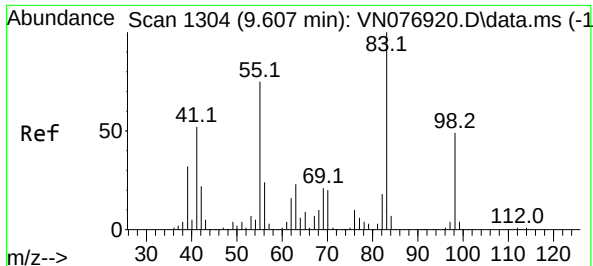
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#38
Carbon Tetrachloride
Concen: 19.667 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:117 Resp: 133161
Ion Ratio Lower Upper
117 100
119 88.8 76.9 115.3
121 33.2 23.2 34.8





#39

Methylcyclohexane

Concen: 19.277 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 83 Resp: 135370

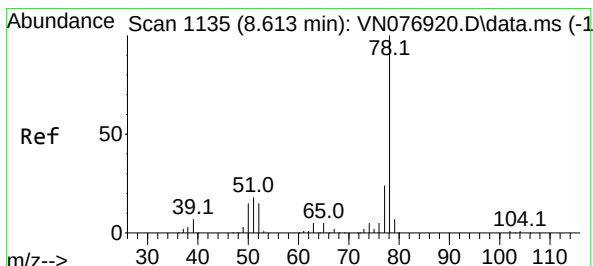
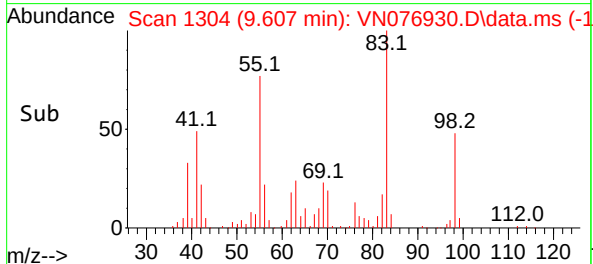
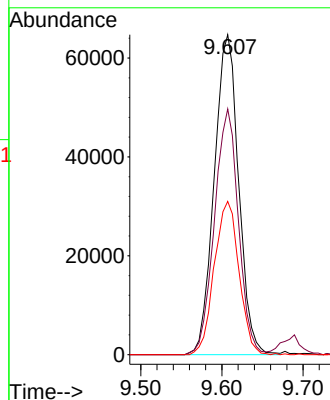
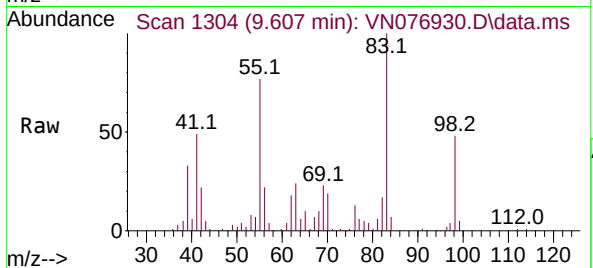
Ion	Ratio	Lower	Upper
83	100		
55	76.8	47.0	70.4
98	47.9	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 19.337 ug/l

RT: 8.613 min Scan# 1135

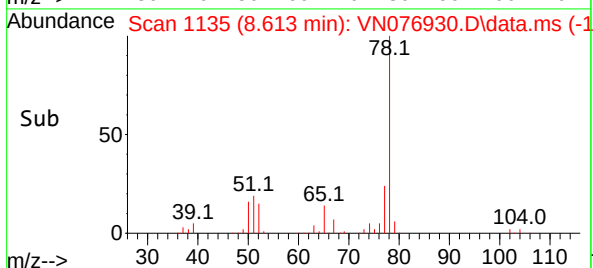
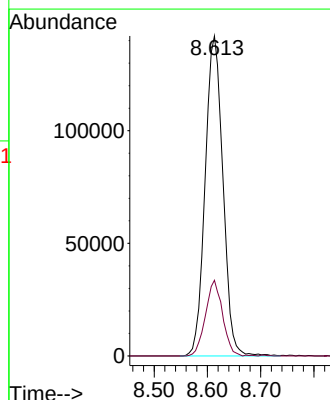
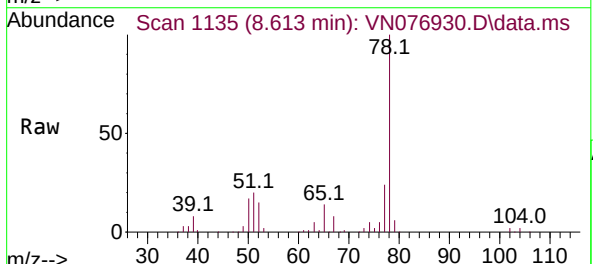
Delta R.T. 0.000 min

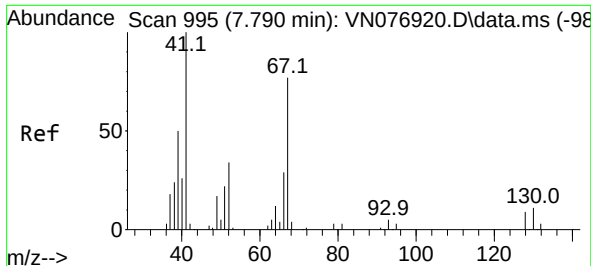
Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Tgt Ion: 78 Resp: 329742

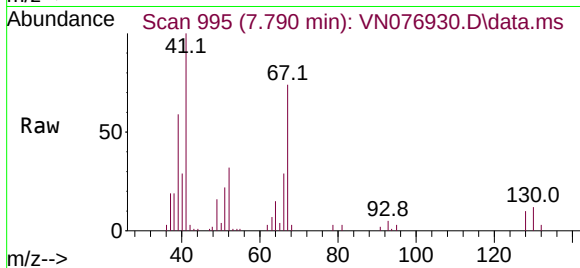
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





#41
Methacrylonitrile
Concen: 17.935 ug/l
RT: 7.790 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

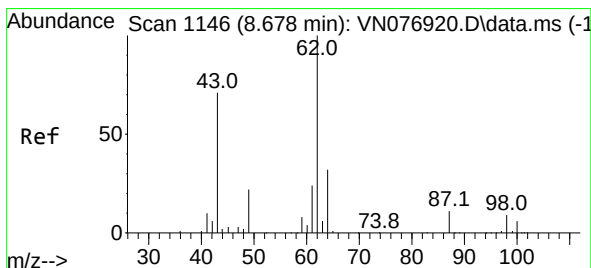
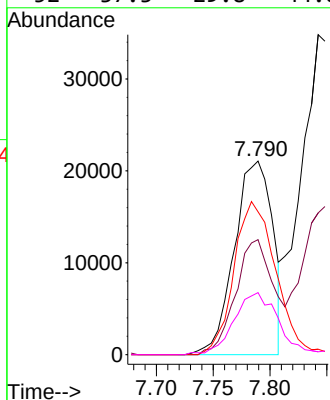
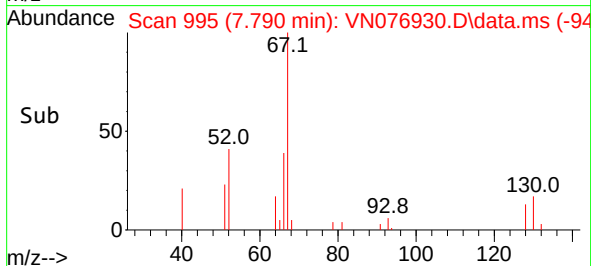
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



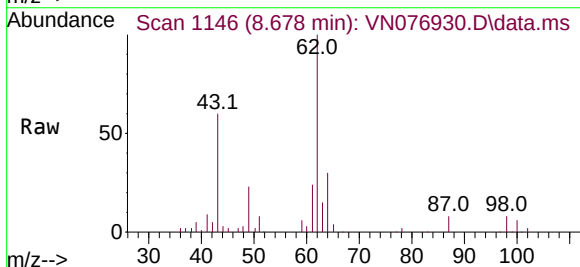
Tgt Ion:	41	Resp:	4937
Ion Ratio	100	Lower	Upper
41	100		
39	59.9	43.4	65.0
67	86.4	78.6	118.0
52	37.3	29.8	44.8

Manual Integrations
APPROVED

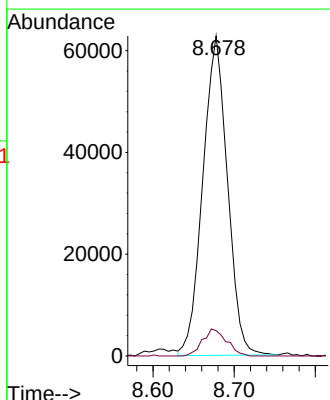
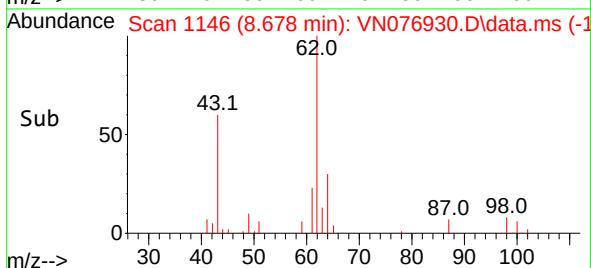
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

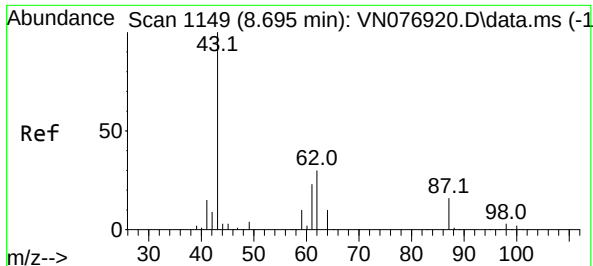


#42
1,2-Dichloroethane
Concen: 19.880 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



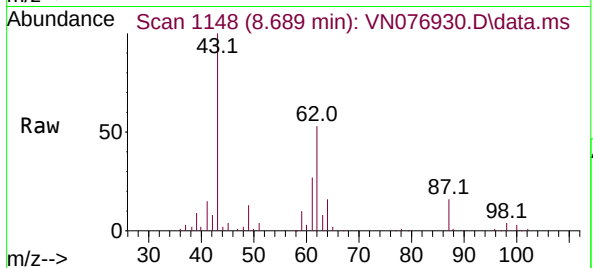
Tgt Ion:	62	Resp:	132227
Ion Ratio	100	Lower	Upper
62	100		
98	8.2	0.0	21.8





#43
Isopropyl Acetate
Concen: 19.856 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

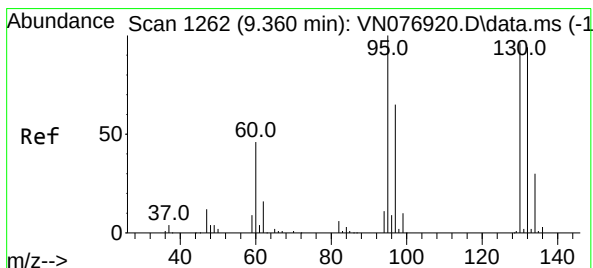
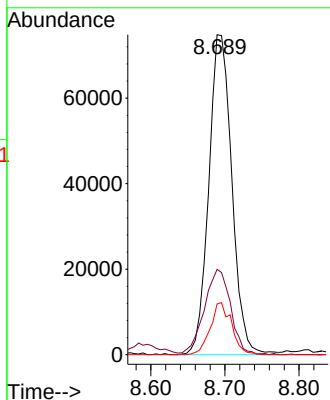
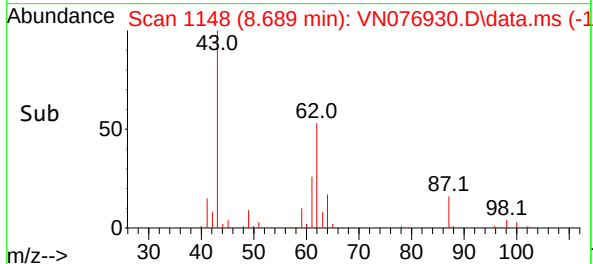
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 43 Resp: 16216
Ion Ratio Lower Upper
43 100
61 30.4 26.2 39.2
87 15.0 14.8 22.2

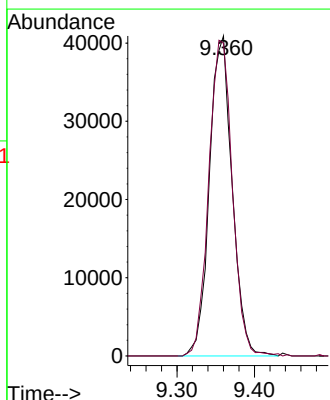
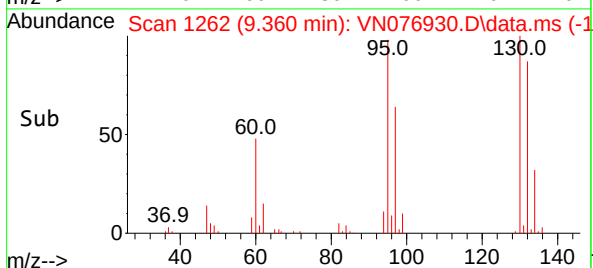
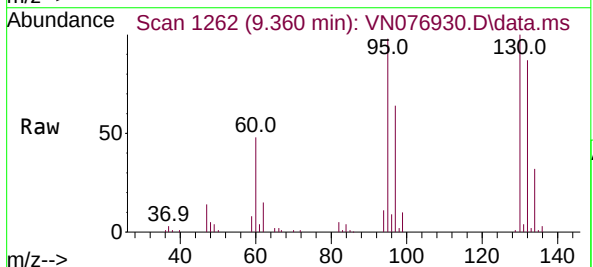
Manual Integrations
APPROVED

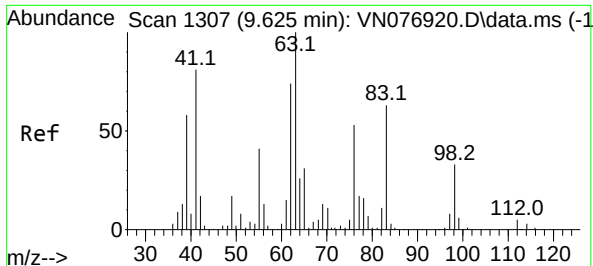
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#44
Trichloroethene
Concen: 18.892 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:130 Resp: 83258
Ion Ratio Lower Upper
130 100
95 97.7 0.0 208.6





#45

1,2-Dichloropropane

Concen: 19.555 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 63 Resp: 82040

Ion Ratio Lower Upper

63 100

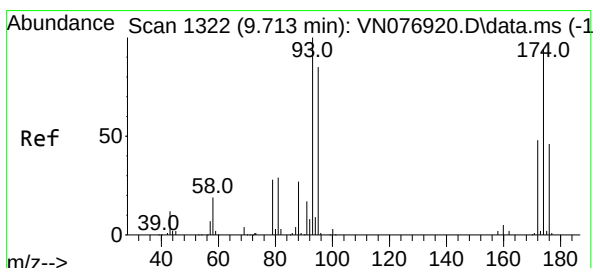
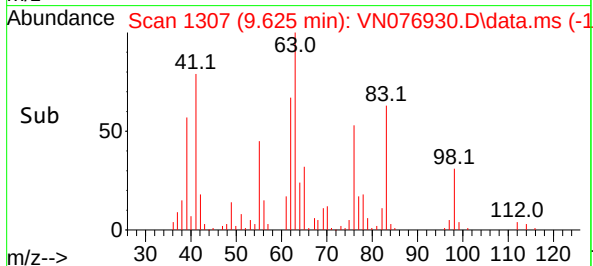
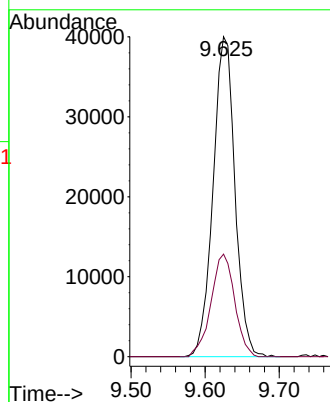
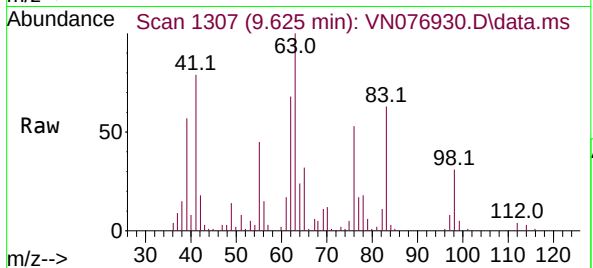
65 32.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 19.900 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

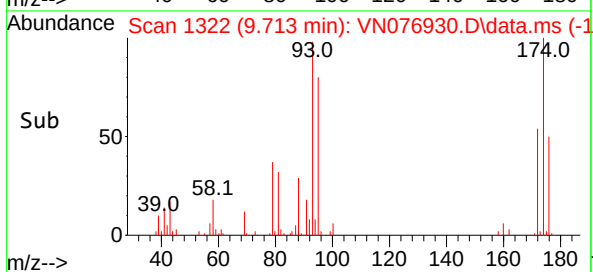
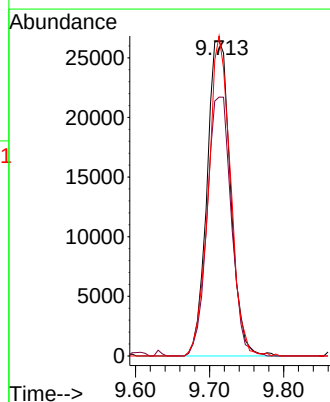
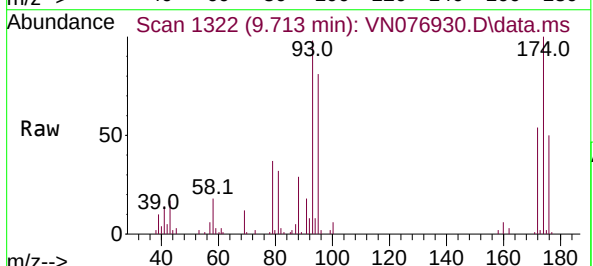
Tgt Ion: 93 Resp: 58310

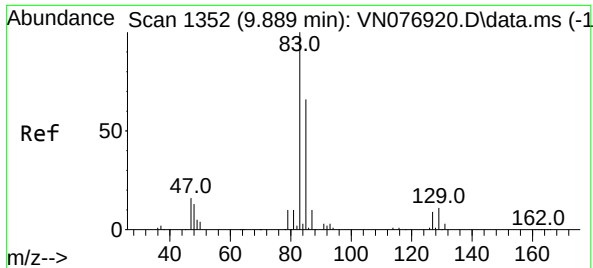
Ion Ratio Lower Upper

93 100

95 84.1 65.7 98.5

174 95.0 69.3 103.9





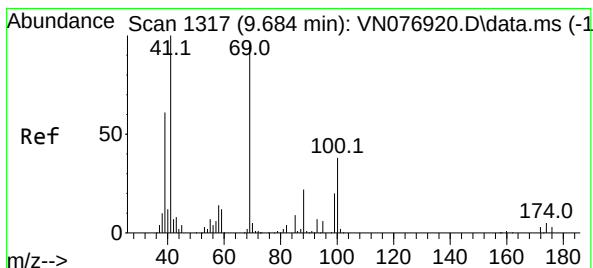
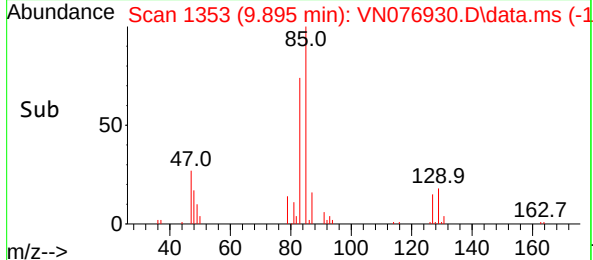
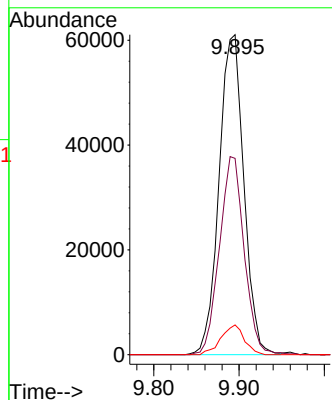
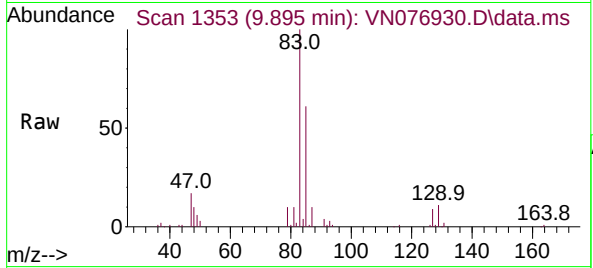
#47
Bromodichloromethane
Concen: 19.858 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 83 Resp: 12344
Ion Ratio Lower Upper
83 100
85 61.4 52.6 78.8
127 9.3 7.0 10.6

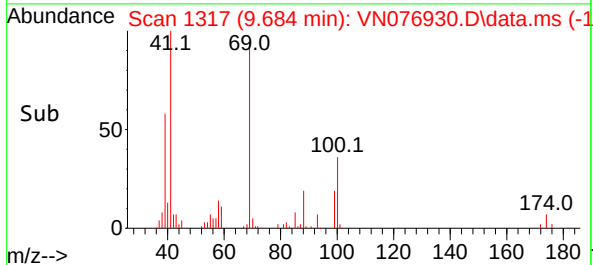
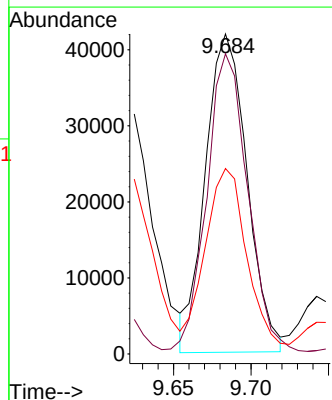
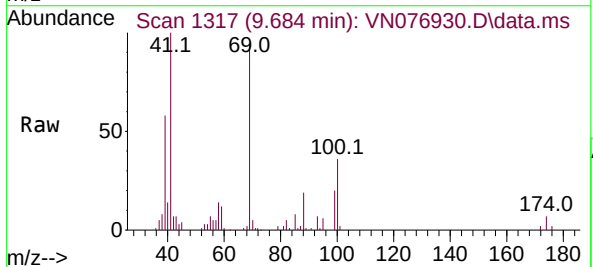
Manual Integrations
APPROVED

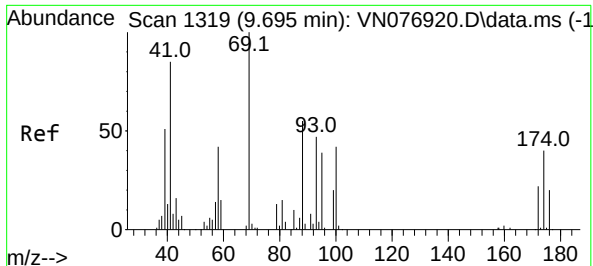
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 19.557 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 41 Resp: 78257
Ion Ratio Lower Upper
41 100
69 92.4 92.6 139.0#
39 60.0 51.4 77.0





#49

1,4-Dioxane

Concen: 399.857 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 88 Resp: 3029

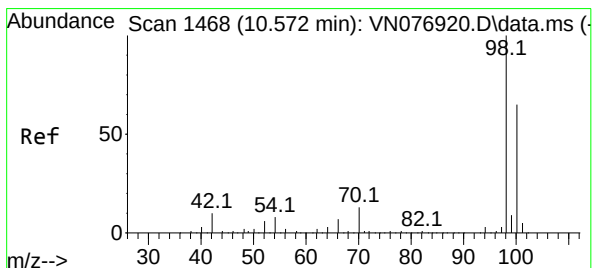
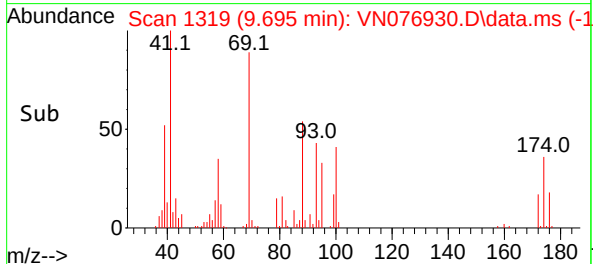
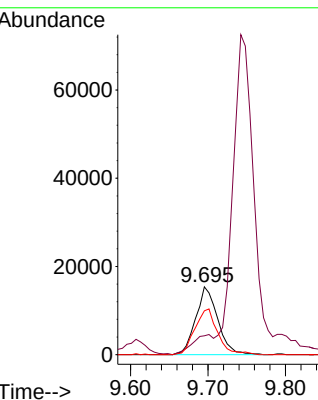
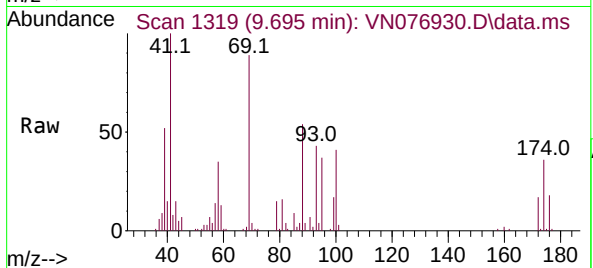
Ion	Ratio	Lower	Upper
88	100		
43	28.7	15.3	22.9
58	69.7	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#50

Toluene-d8

Concen: 48.437 ug/l

RT: 10.572 min Scan# 1468

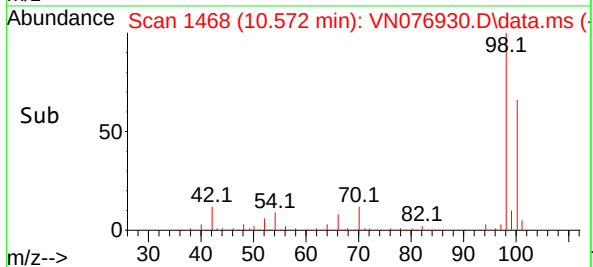
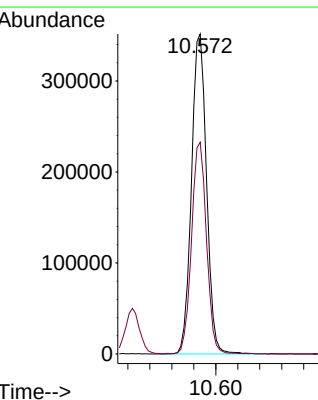
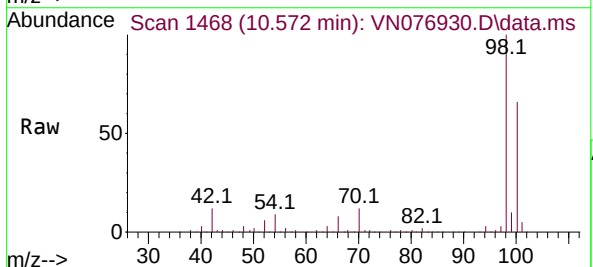
Delta R.T. 0.000 min

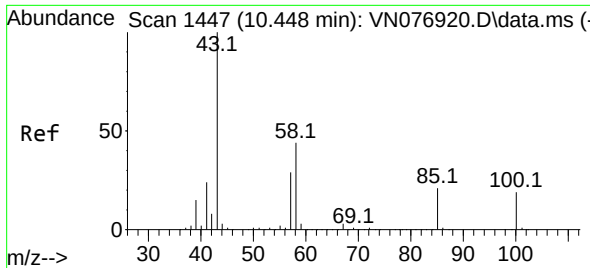
Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Tgt Ion: 98 Resp: 667735

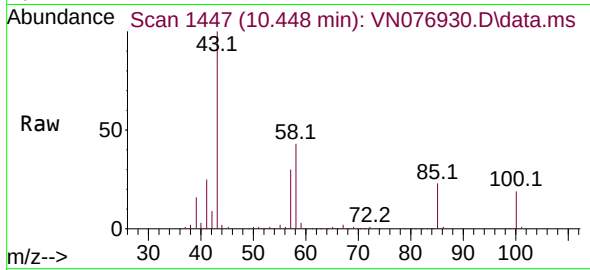
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2





#51
4-Methyl-2-Pentanone
Concen: 99.811 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

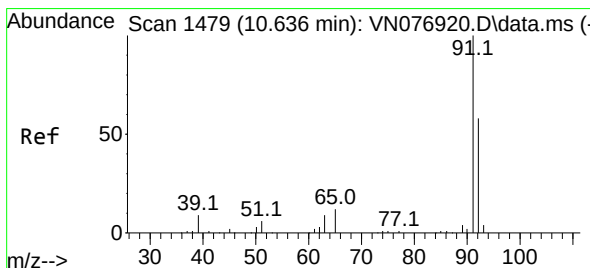
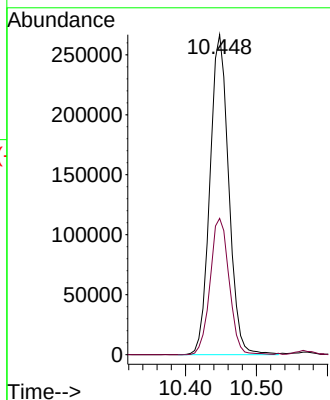
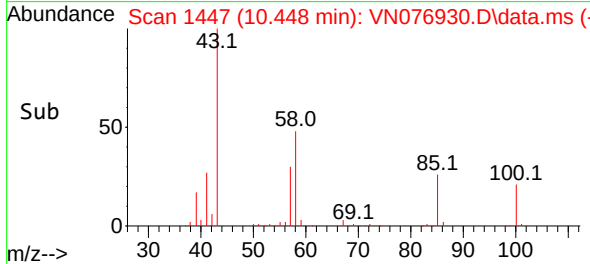
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



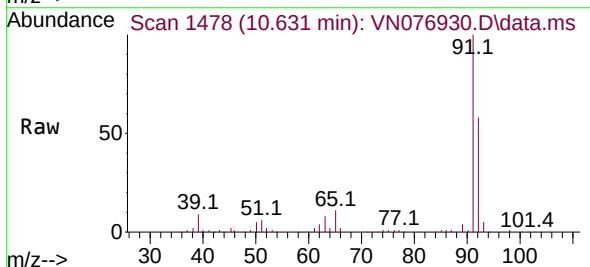
Tgt Ion: 43 Resp: 48967
Ion Ratio Lower Upper
43 100
58 43.0 37.4 56.0

Manual Integrations
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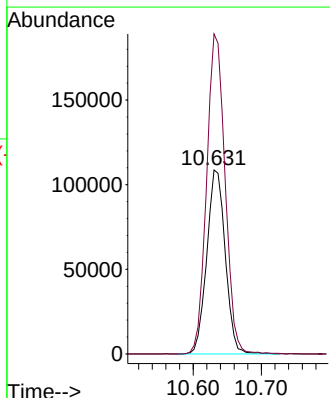
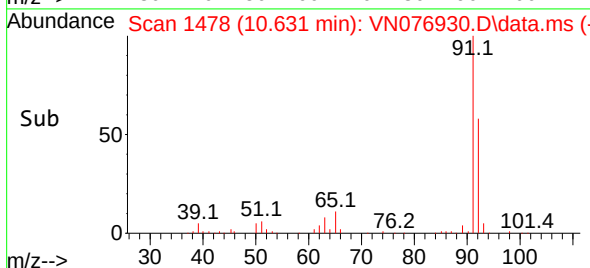
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

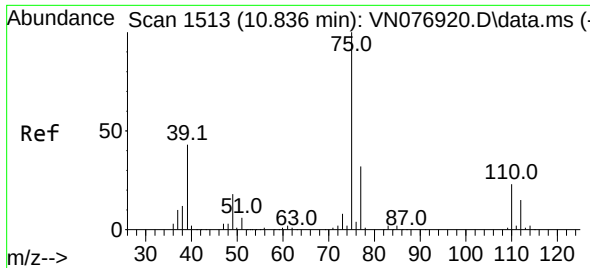


#52
Toluene
Concen: 19.537 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



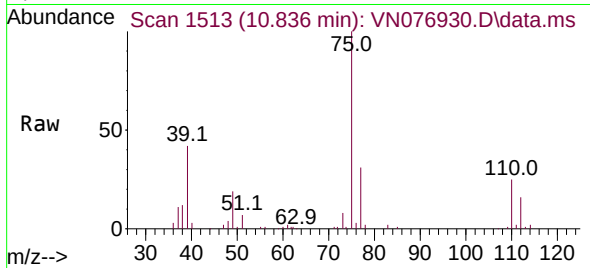
Tgt Ion: 92 Resp: 205039
Ion Ratio Lower Upper
92 100
91 174.0 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 20.003 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

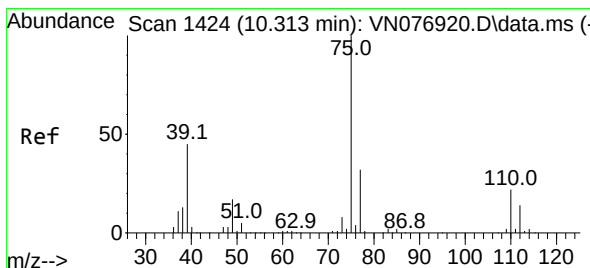
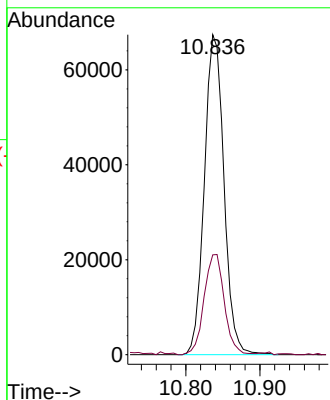
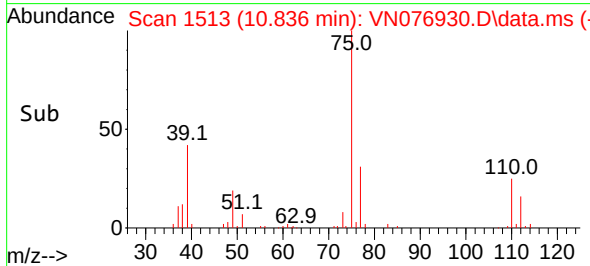
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



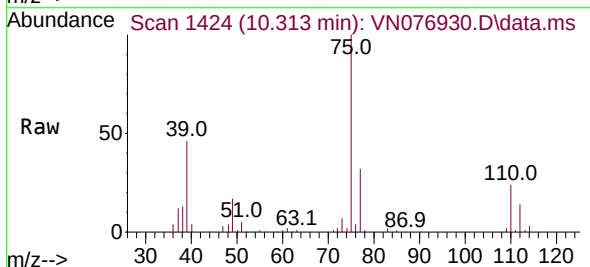
Tgt Ion: 75 Resp: 123960
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6

Manual Integrations
APPROVED

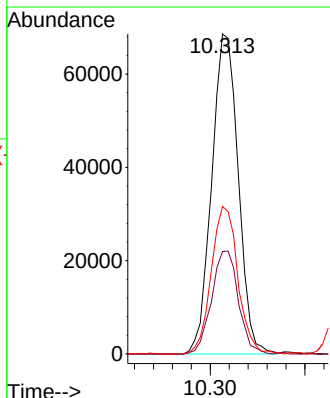
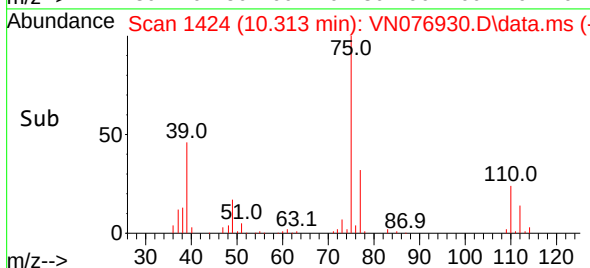
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

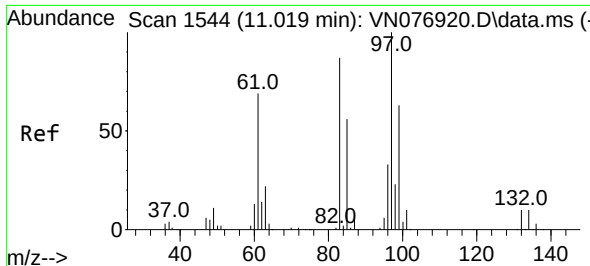


#54
cis-1,3-Dichloropropene
Concen: 19.606 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



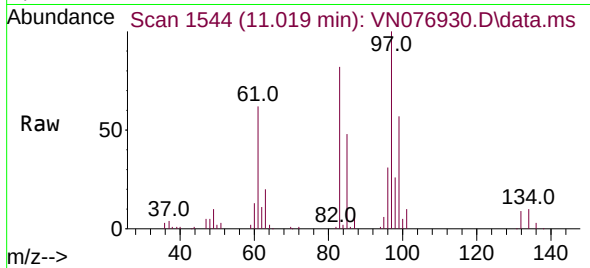
Tgt Ion: 75 Resp: 133437
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 46.1 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 20.078 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

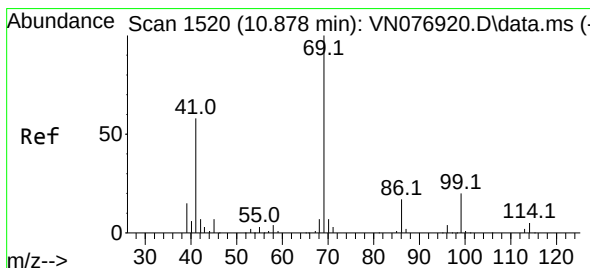
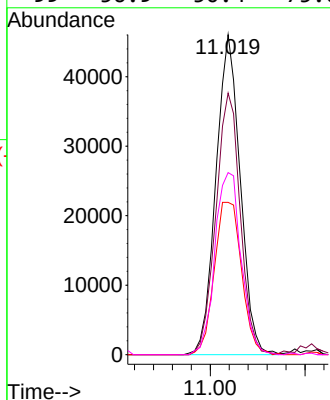
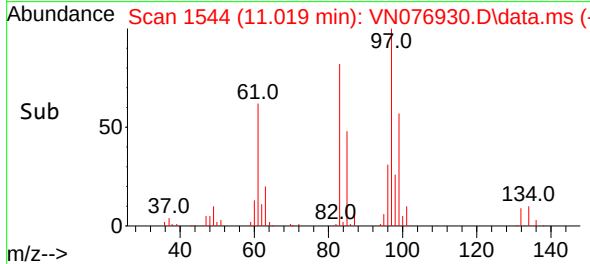
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



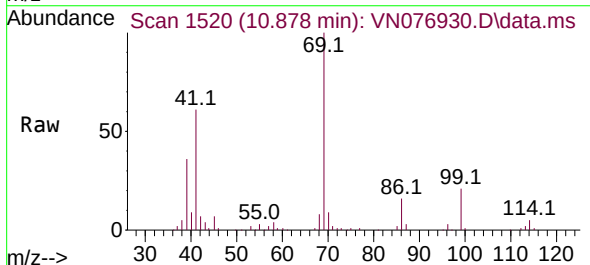
Tgt Ion:	97	Resp:	8198
Ion Ratio	100	Lower	Upper
97	100		
83	81.8	67.1	100.7
85	47.6	41.8	62.8
99	56.9	50.4	75.6

Manual Integrations
APPROVED

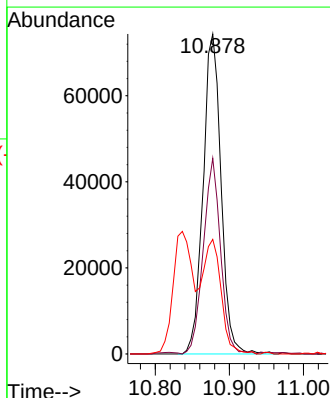
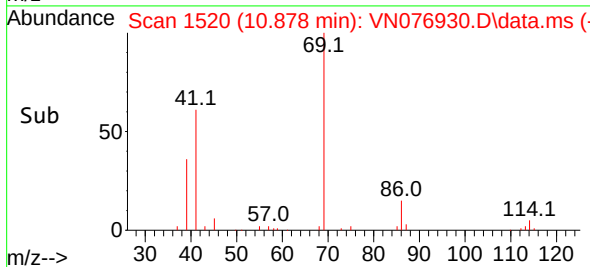
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

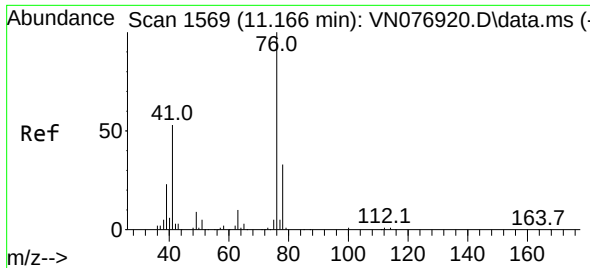


#56
Ethyl methacrylate
Concen: 20.231 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



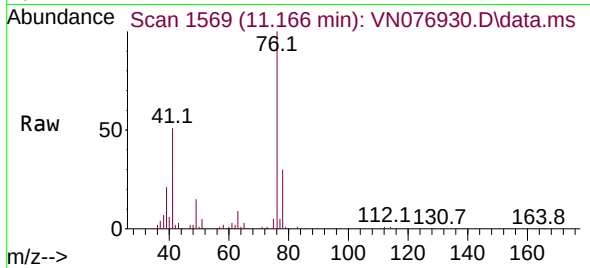
Tgt Ion:	69	Resp:	125302
Ion Ratio	100	Lower	Upper
69	100		
41	58.7	38.0	57.0#
39	33.7	22.4	33.6#





#57
1,3-Dichloropropane
Concen: 20.153 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

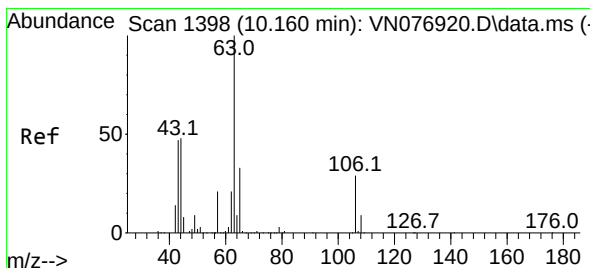
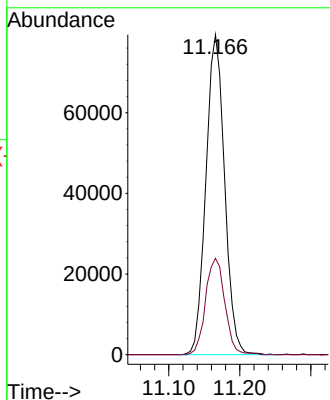
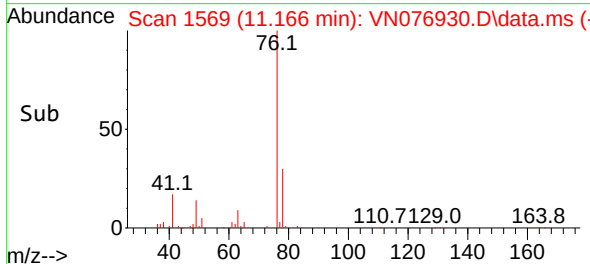
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



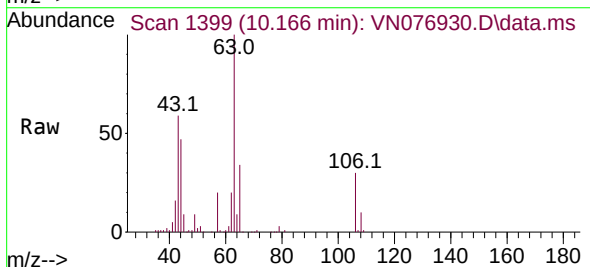
Tgt Ion: 76 Resp: 14511
Ion Ratio Lower Upper
76 100
78 31.0 26.1 39.1

Manual Integrations
APPROVED

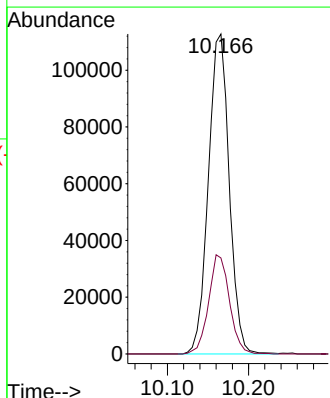
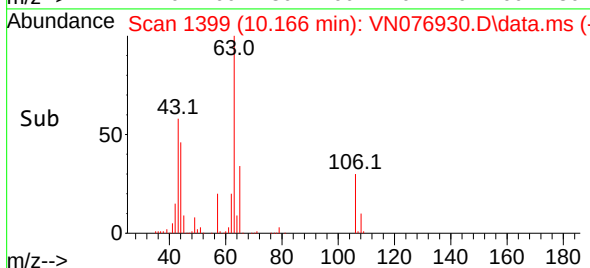
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

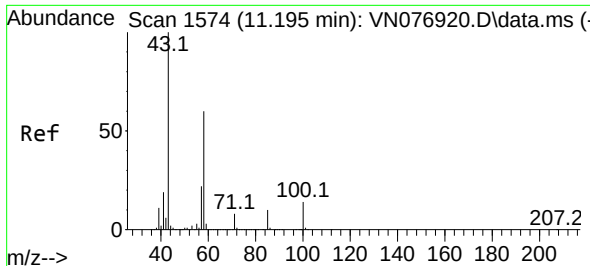


#58
2-Chloroethyl Vinyl ether
Concen: 102.034 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



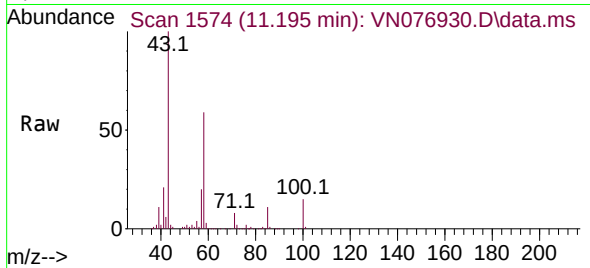
Tgt Ion: 63 Resp: 201239
Ion Ratio Lower Upper
63 100
106 31.0 25.6 38.4





#59
2-Hexanone
Concen: 99.194 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

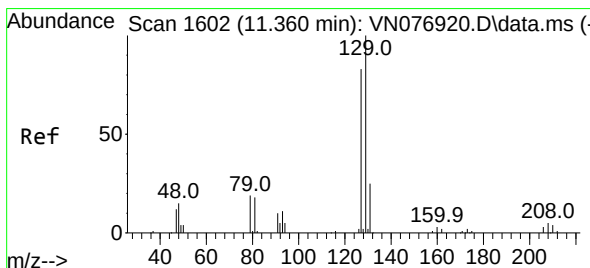
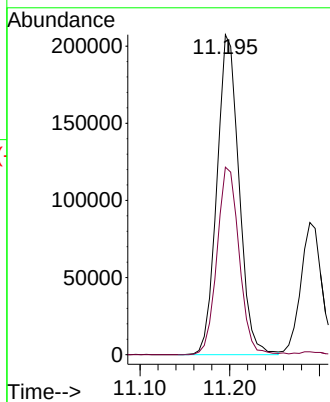
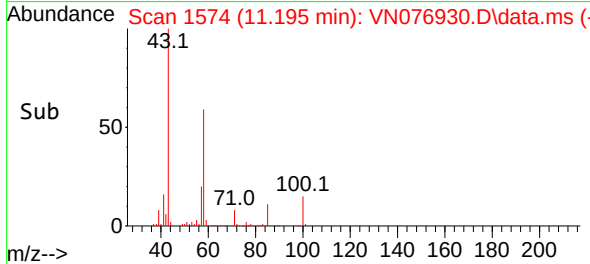
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 43 Resp: 354829
Ion Ratio Lower Upper
43 100
58 58.6 32.6 98.0

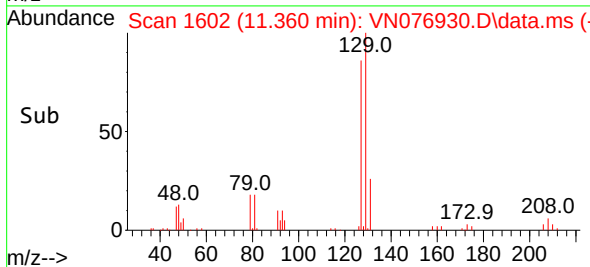
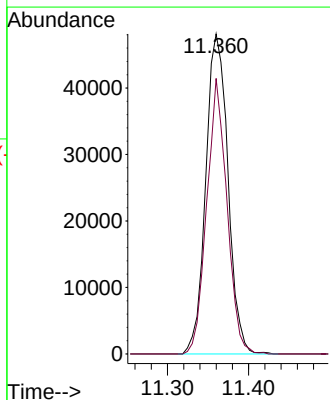
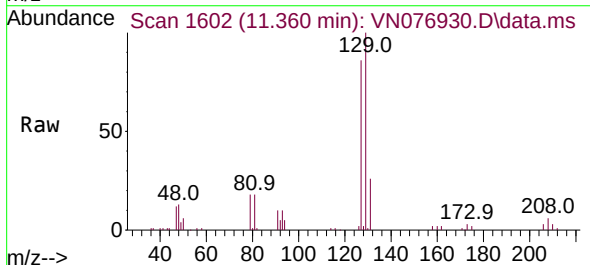
Manual Integrations
APPROVED

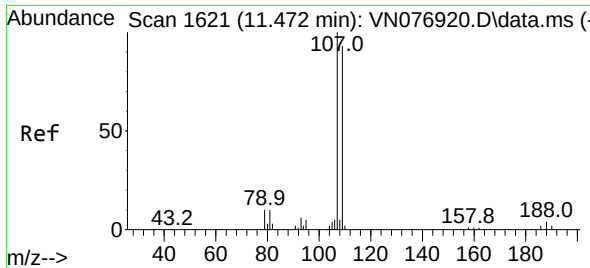
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 20.305 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:129 Resp: 91349
Ion Ratio Lower Upper
129 100
127 78.4 39.6 118.8





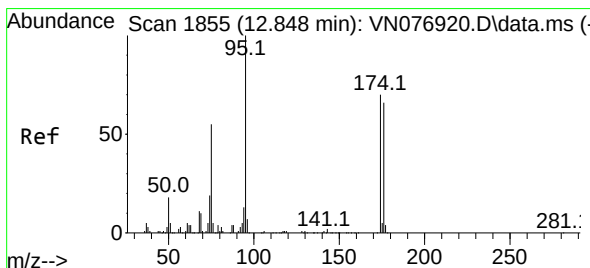
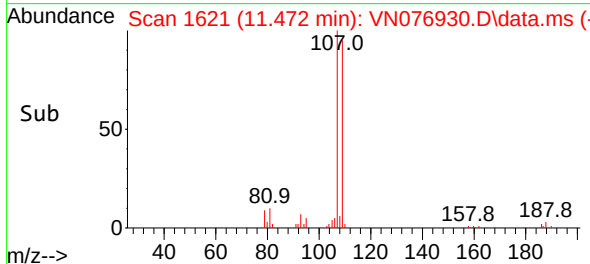
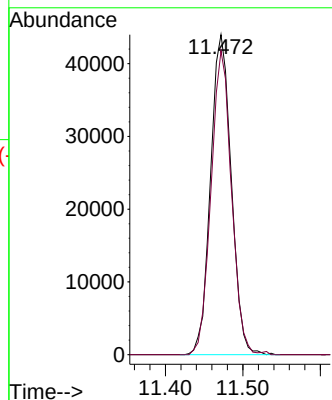
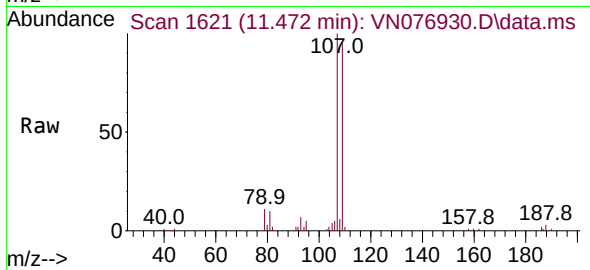
#61
1,2-Dibromoethane
Concen: 19.965 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:107 Resp: 8171
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

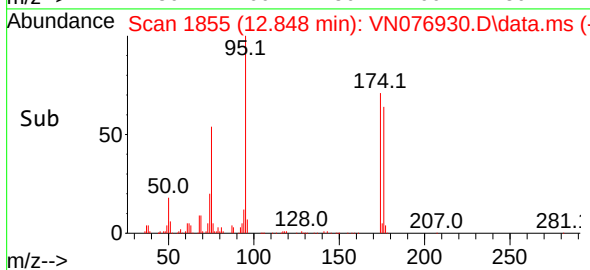
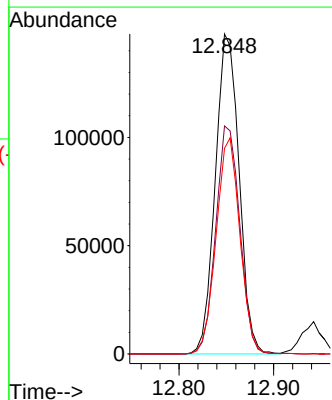
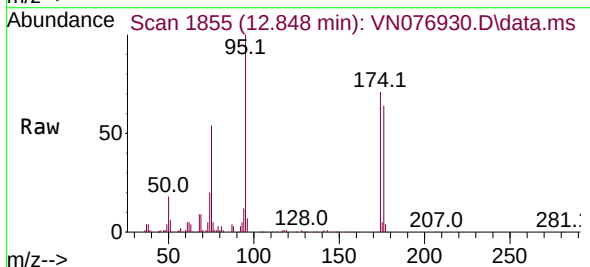
Manual Integrations
APPROVED

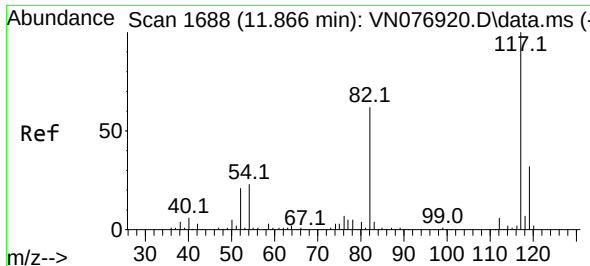
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#62
4-Bromofluorobenzene
Concen: 51.161 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

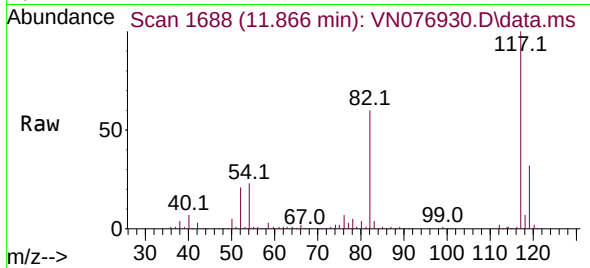
Tgt Ion: 95 Resp: 257973
Ion Ratio Lower Upper
95 100
174 72.0 0.0 162.4
176 67.7 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

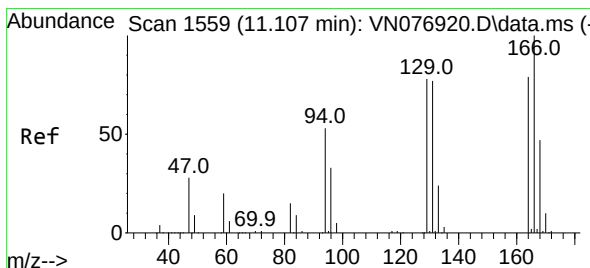
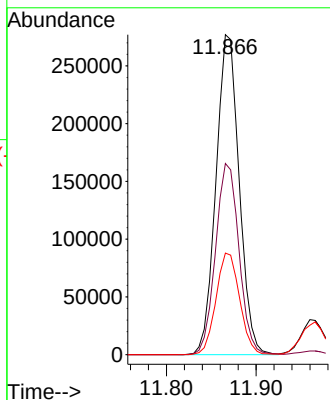
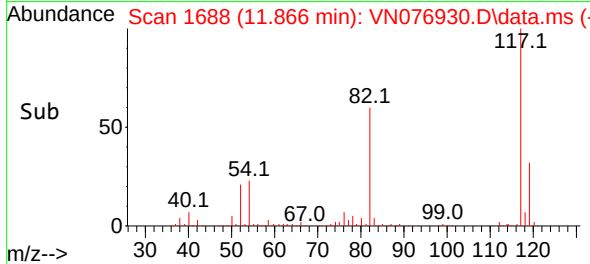
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion:117 Resp: 498238
Ion Ratio Lower Upper
117 100
82 59.8 43.5 65.3
119 31.8 25.5 38.3

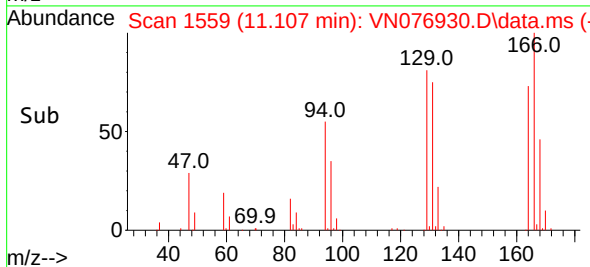
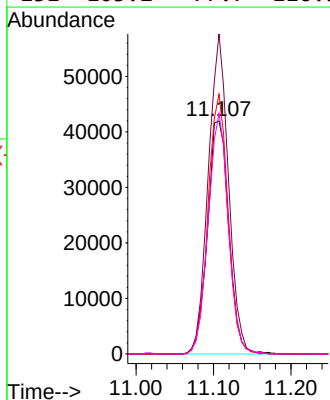
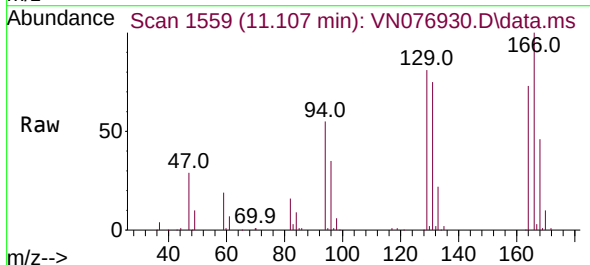
Manual Integrations
APPROVED

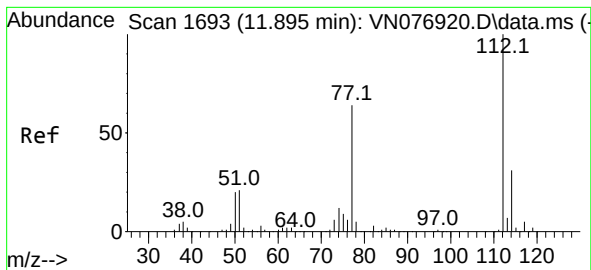
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 19.846 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:164 Resp: 80027
Ion Ratio Lower Upper
164 100
166 137.4 102.7 154.1
129 111.5 81.5 122.3
131 103.2 77.7 116.5





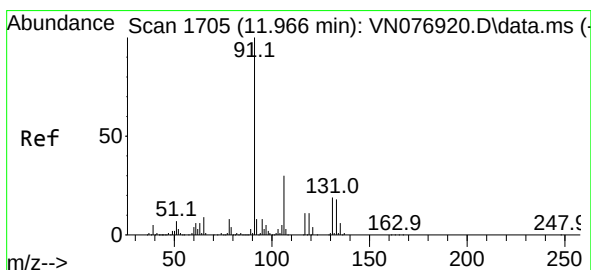
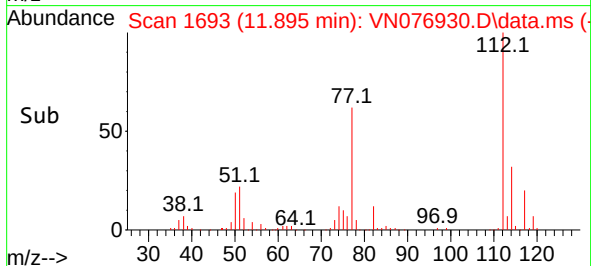
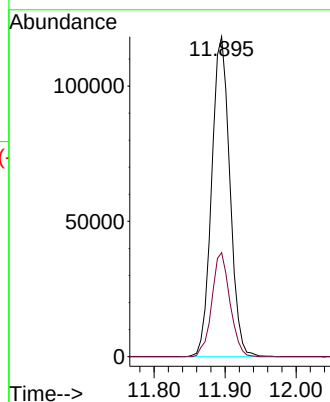
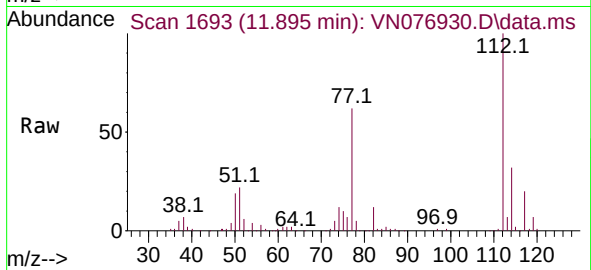
#65
Chlorobenzene
Concen: 18.836 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:112 Resp: 20992
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

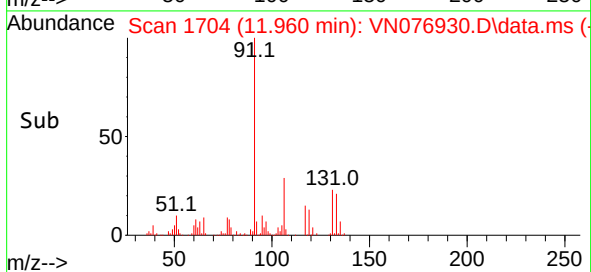
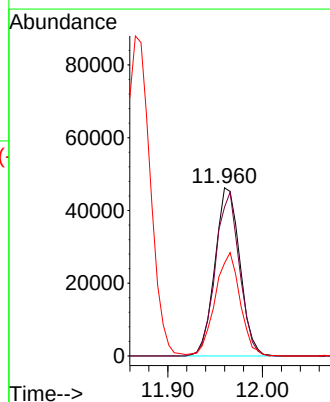
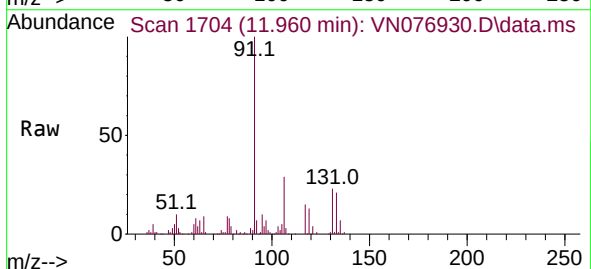
Manual Integrations
APPROVED

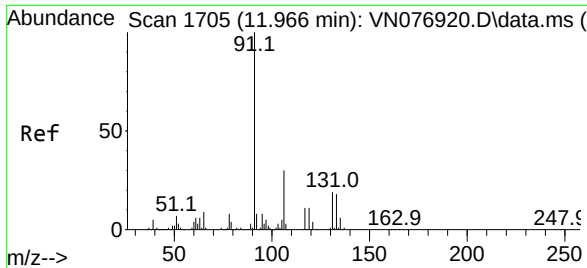
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.484 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

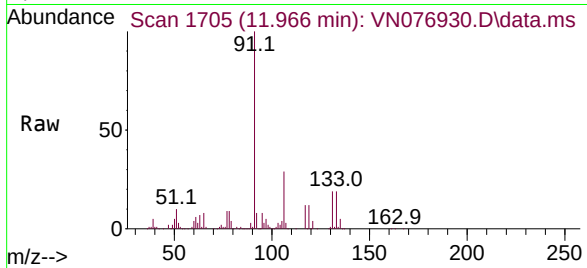
Tgt Ion:131 Resp: 84768
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.8
119 61.7 33.1 99.2





#67
Ethyl Benzene
Concen: 19.749 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

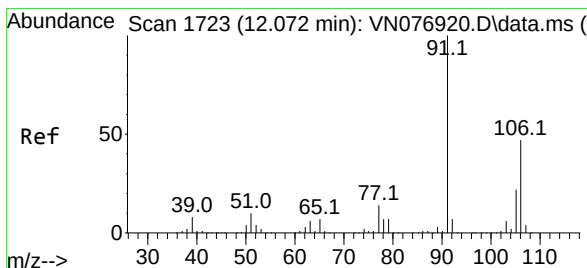
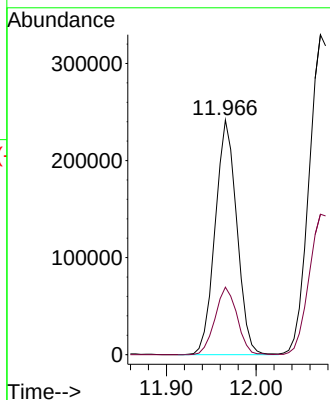
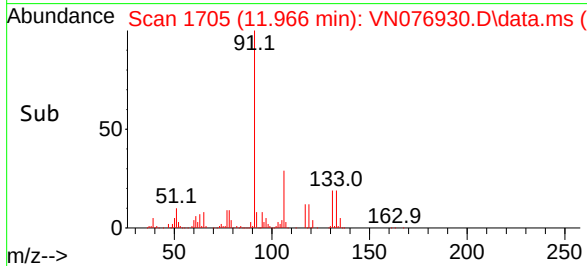
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



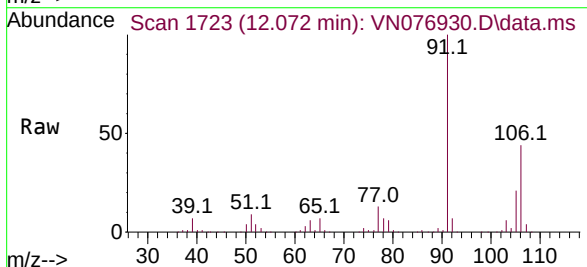
Tgt Ion: 91 Resp: 40471
Ion Ratio Lower Upper
91 100
106 28.8 25.1 37.7

Manual Integrations
APPROVED

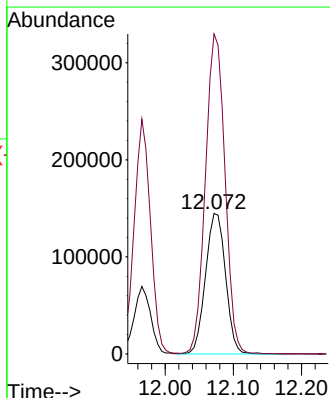
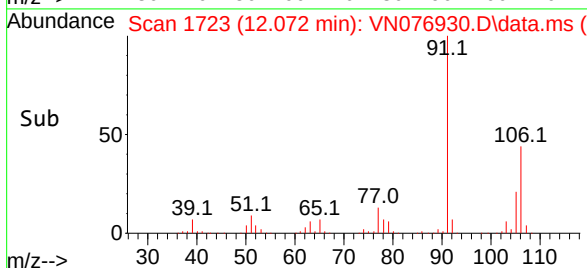
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

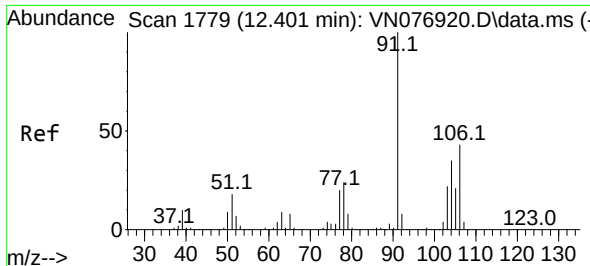


#68
m/p-Xylenes
Concen: 38.411 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



Tgt Ion:106 Resp: 295858
Ion Ratio Lower Upper
106 100
91 222.3 158.0 237.0





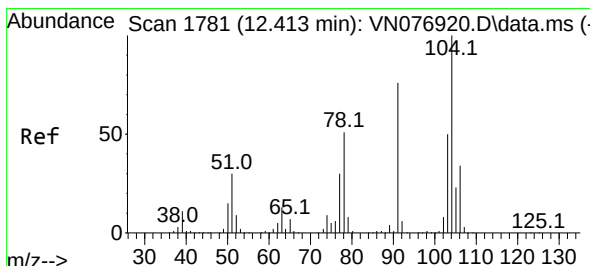
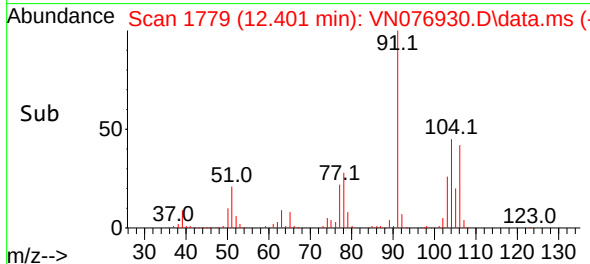
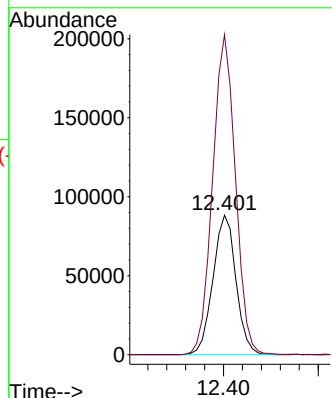
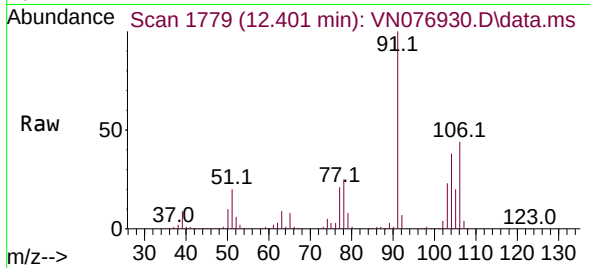
#69
o-Xylene
Concen: 19.868 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:106 Resp: 14856
Ion Ratio Lower Upper
106 100
91 228.1 101.8 305.4

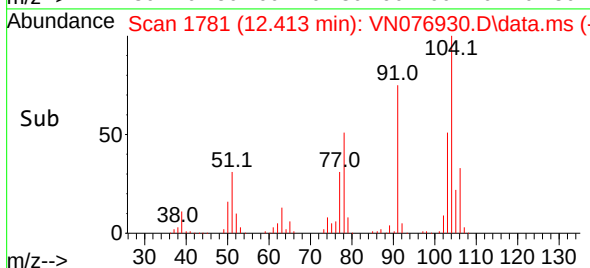
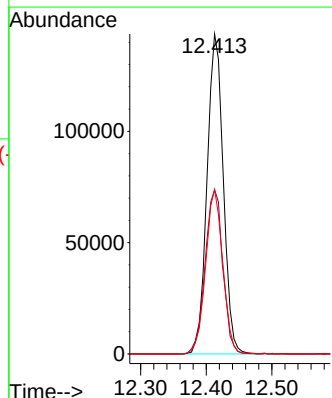
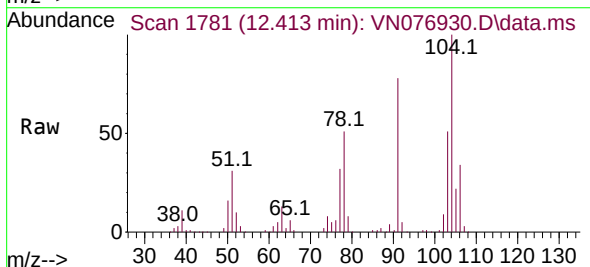
Manual Integrations
APPROVED

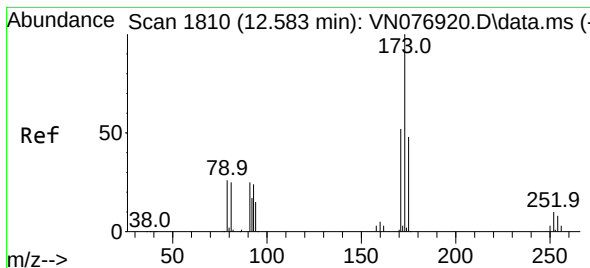
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 20.497 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:104 Resp: 247615
Ion Ratio Lower Upper
104 100
78 56.0 36.6 55.0#
103 54.2 43.4 65.0





#71

Bromoform

Concen: 19.977 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

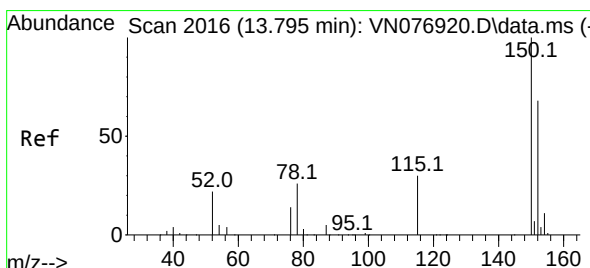
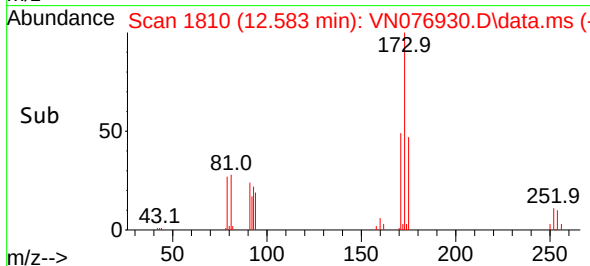
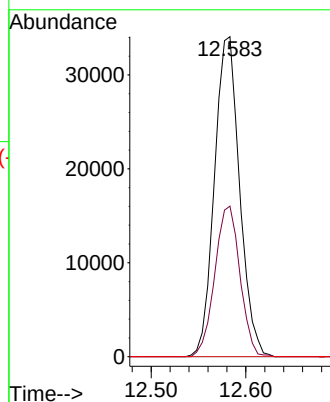
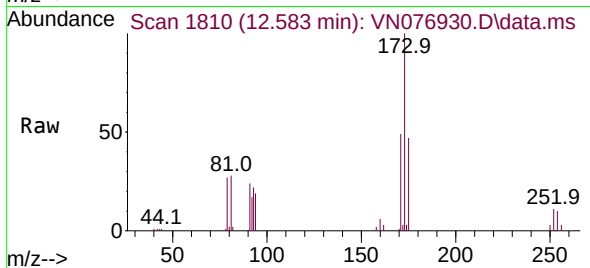
Tgt Ion:173 Resp: 62985
 Ion Ratio Lower Upper
 173 100
 175 47.0 24.9 74.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

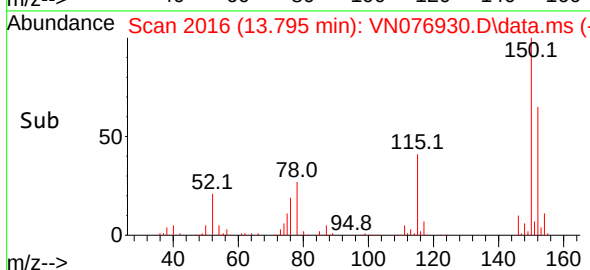
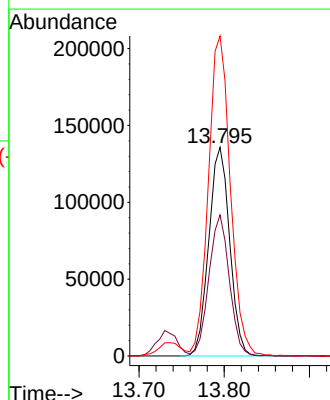
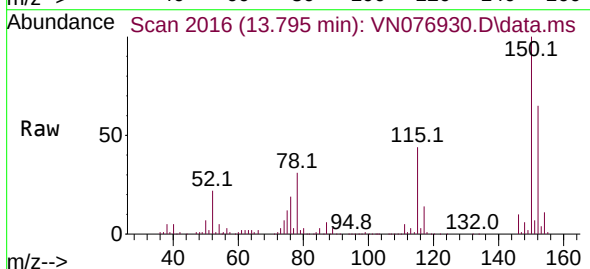
RT: 13.795 min Scan# 2016

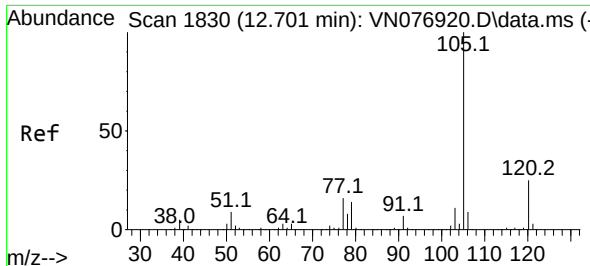
Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

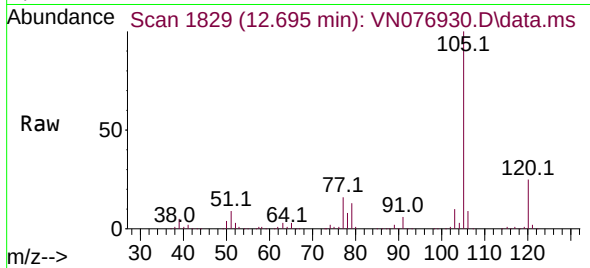
Tgt Ion:152 Resp: 230789
 Ion Ratio Lower Upper
 152 100
 115 66.1 30.3 90.9
 150 161.3 0.0 353.6





#73
Isopropylbenzene
Concen: 19.292 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

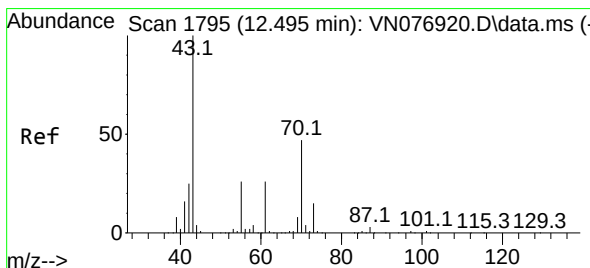
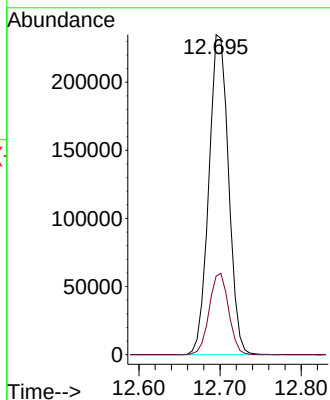
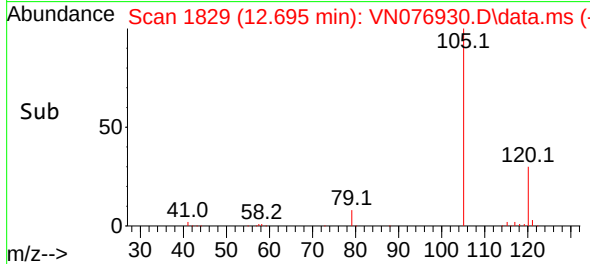
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



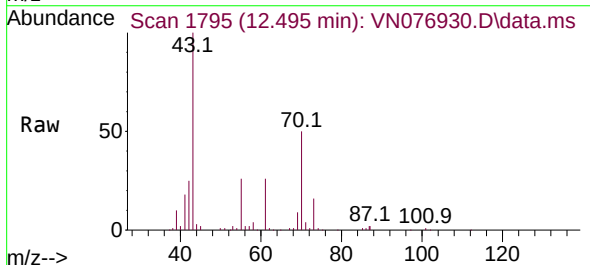
Tgt Ion:105 Resp: 396734
Ion Ratio Lower Upper
105 100
120 25.0 13.8 41.4

Manual Integrations
APPROVED

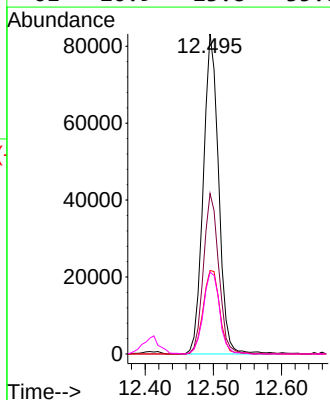
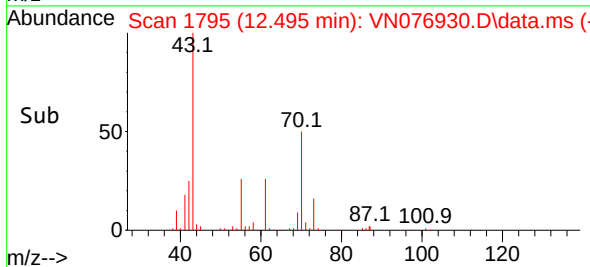
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

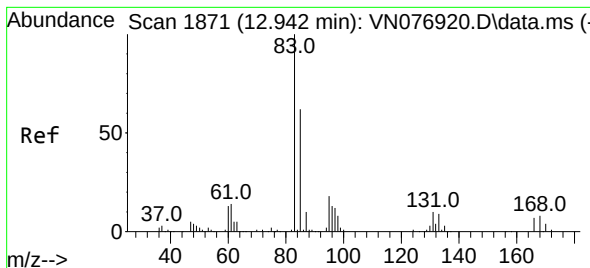


#74
N-ethyl acetate
Concen: 19.204 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



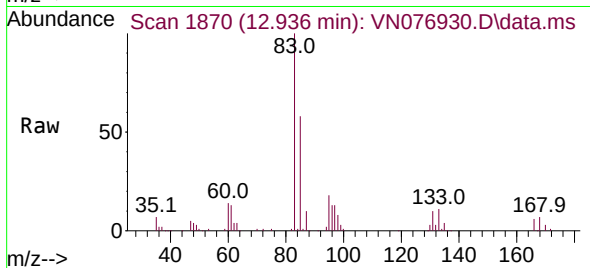
Tgt Ion: 43 Resp: 130757
Ion Ratio Lower Upper
43 100
70 49.6 46.8 70.2
55 28.1 23.4 35.2
61 26.9 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.439 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

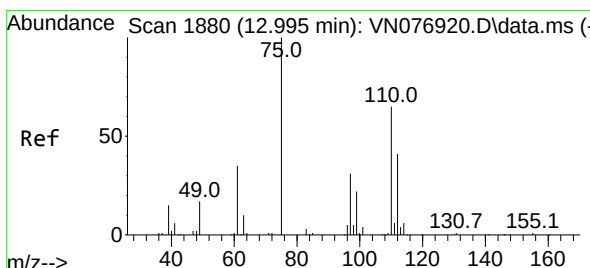
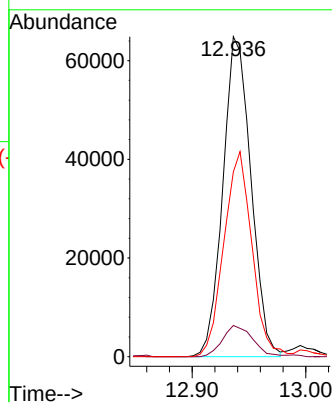
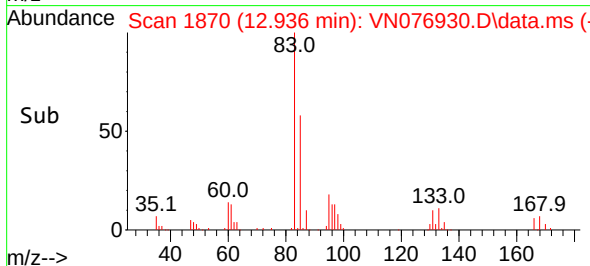
Instrument : MSVOA_N
ClientSampleId : VN0310WBSD01



Tgt Ion: 83 Resp: 111574
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 64.0 32.0 96.0

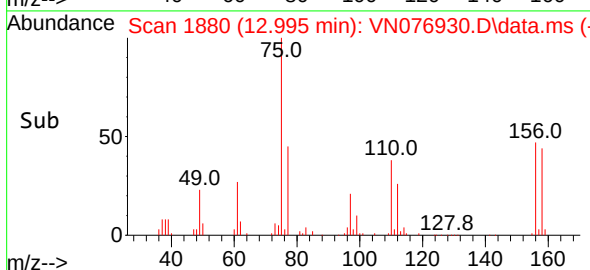
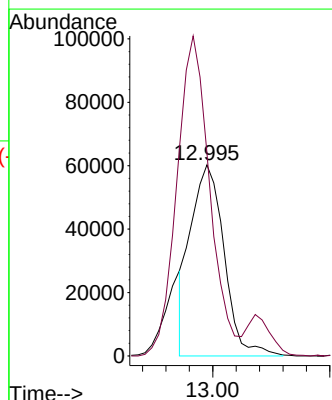
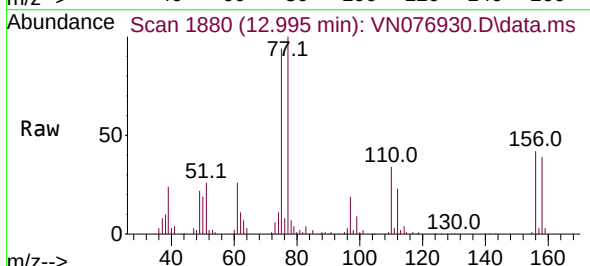
Manual Integrations
APPROVED

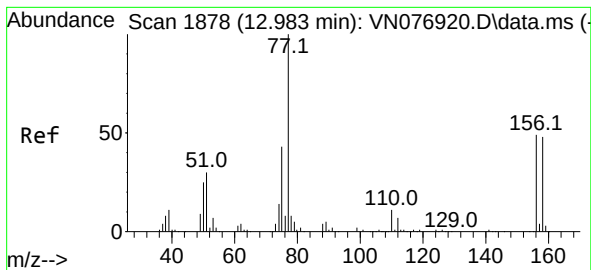
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#76
1,2,3-Trichloropropane
Concen: 21.369 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 75 Resp: 119566
Ion Ratio Lower Upper
75 100
77 164.9 93.8 281.4





#77

Bromobenzene

Concen: 19.367 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

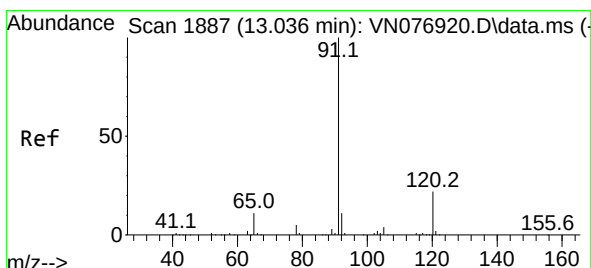
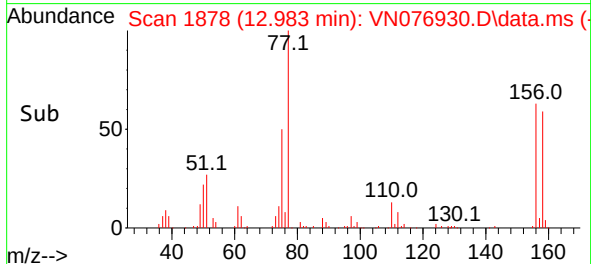
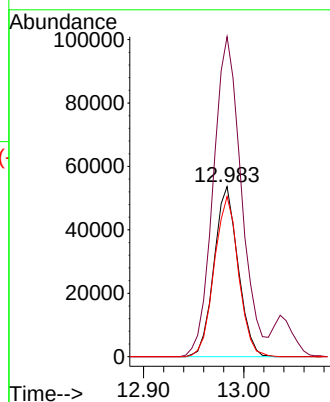
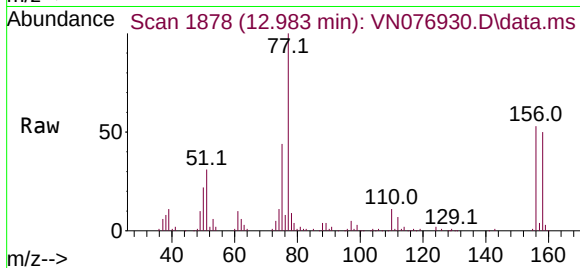
Tgt Ion:156 Resp: 8903
 Ion Ratio Lower Upper
 156 100
 77 221.5 101.3 303.7
 158 95.2 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#78

n-propylbenzene

Concen: 19.686 ug/l

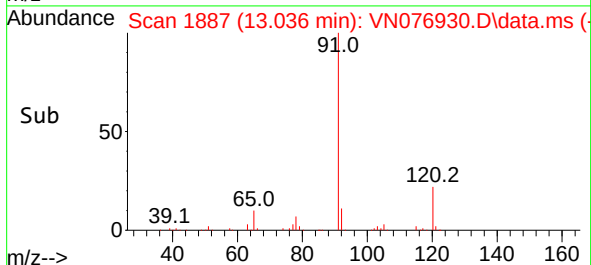
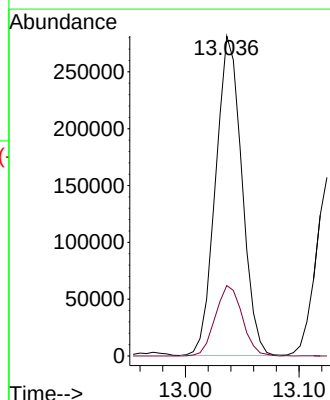
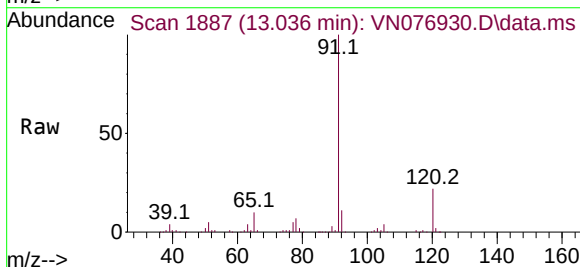
RT: 13.036 min Scan# 1887

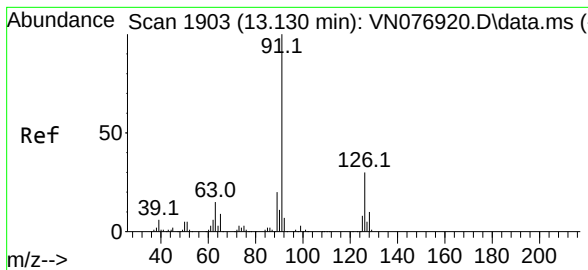
Delta R.T. 0.000 min

Lab File: VN076930.D

Acq: 10 Mar 2023 17:37

Tgt Ion: 91 Resp: 450811
 Ion Ratio Lower Upper
 91 100
 120 22.6 11.9 35.7





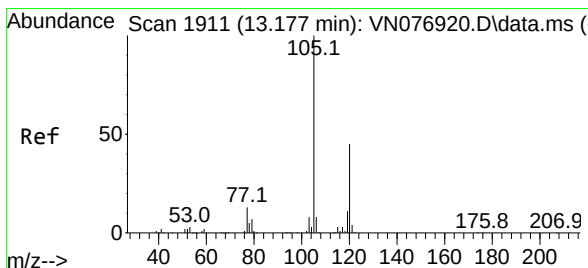
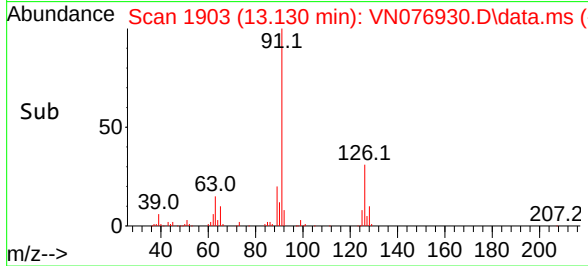
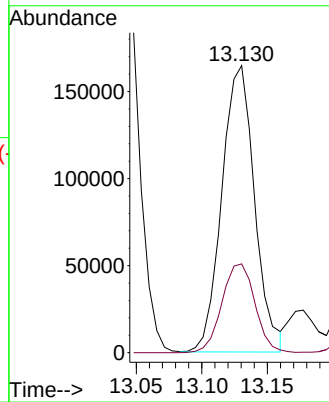
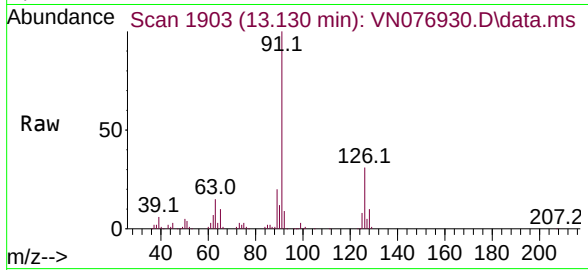
#79
2-Chlorotoluene
Concen: 19.236 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 91 Resp: 28565
Ion Ratio Lower Upper
91 100
126 31.4 17.7 53.1

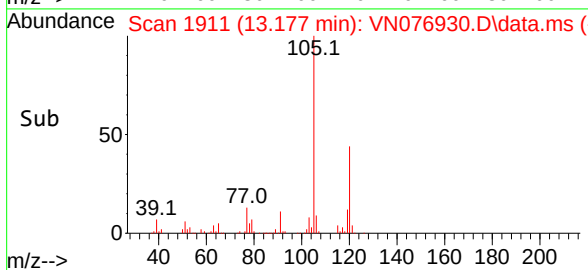
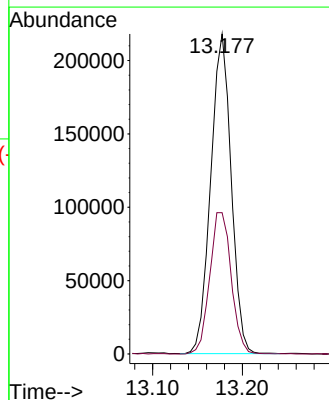
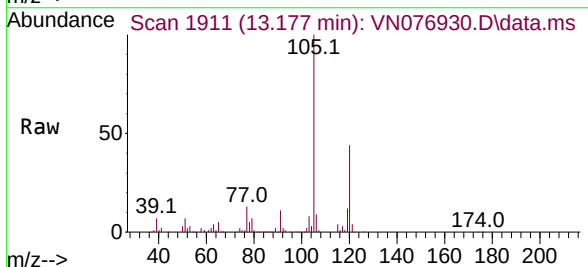
Manual Integrations
APPROVED

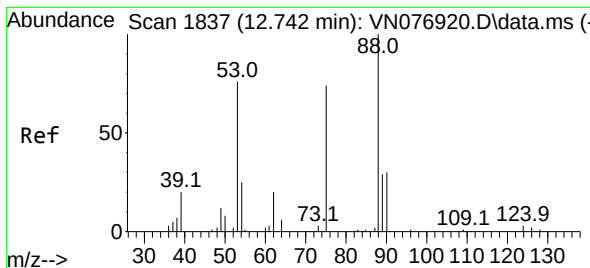
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.689 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

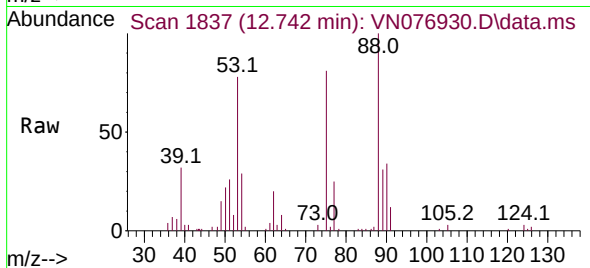
Tgt Ion:105 Resp: 344902
Ion Ratio Lower Upper
105 100
120 46.5 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.671 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

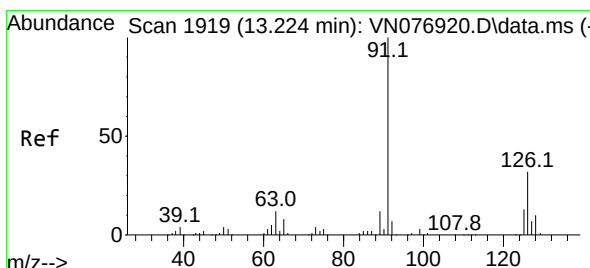
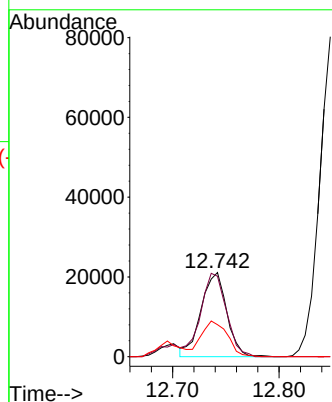
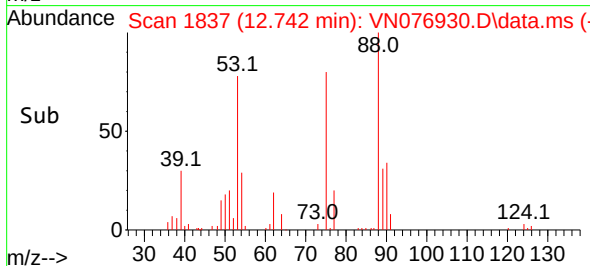
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 75 Resp: 35408
Ion Ratio Lower Upper
75 100
53 112.1 67.4 101.0
89 43.8 39.5 59.3

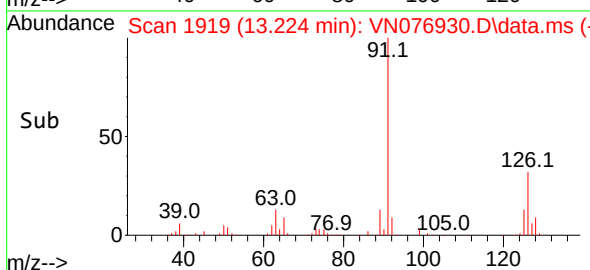
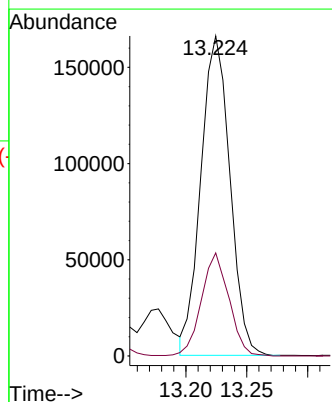
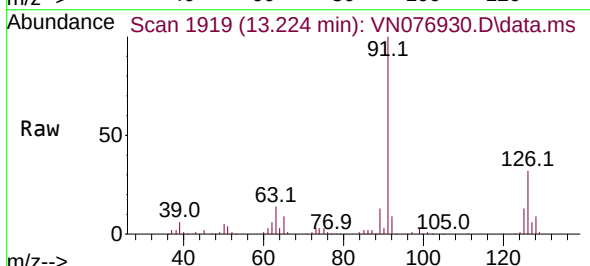
Manual Integrations
APPROVED

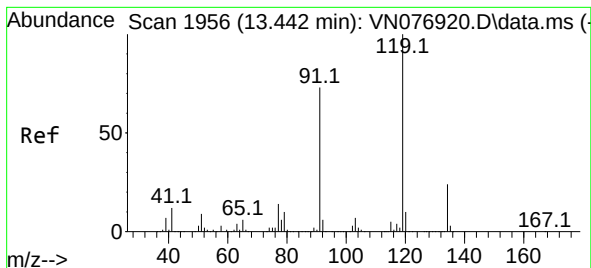
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 19.642 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion: 91 Resp: 275626
Ion Ratio Lower Upper
91 100
126 30.7 18.0 54.0





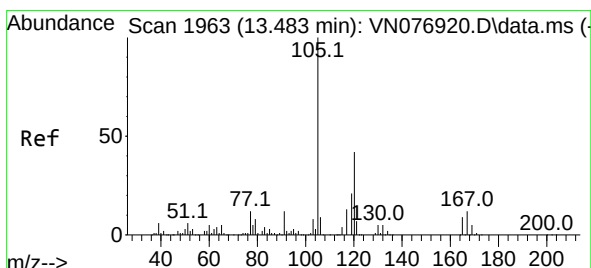
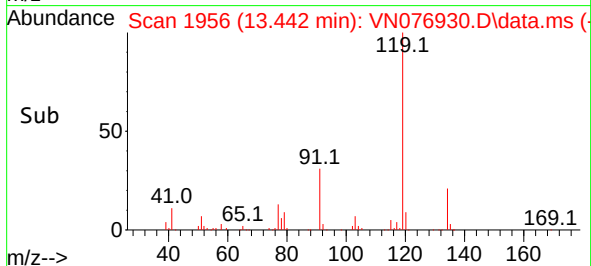
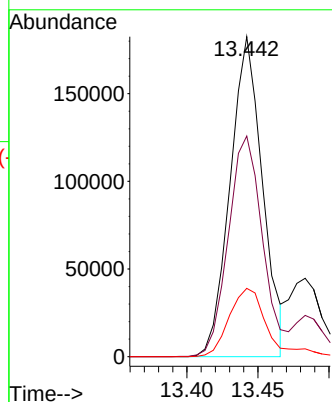
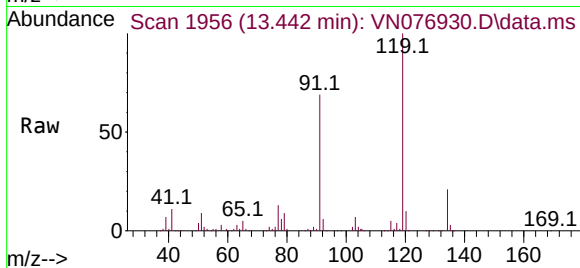
#83
tert-Butylbenzene
Concen: 19.499 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:119 Resp: 29019
Ion Ratio Lower Upper
119 100
91 73.5 31.9 95.5
134 25.1 13.8 41.4

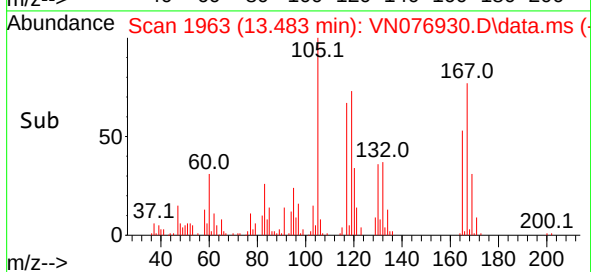
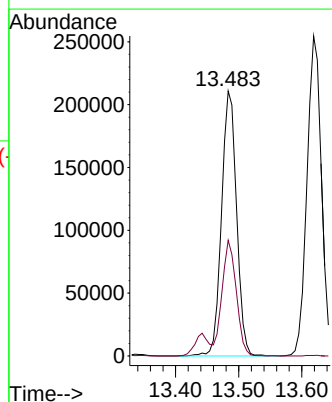
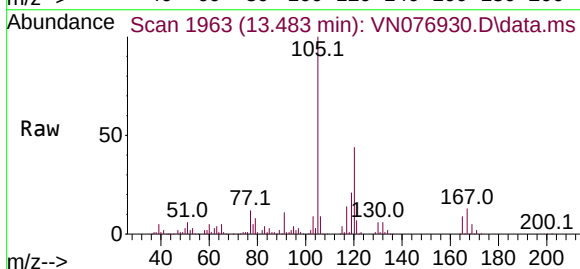
Manual Integrations
APPROVED

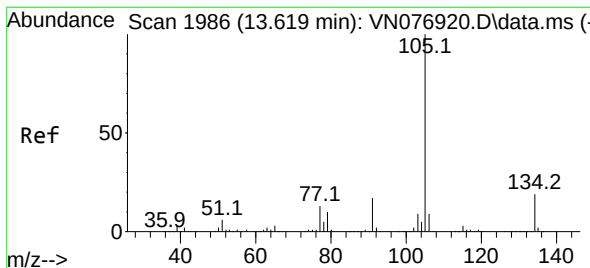
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.864 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

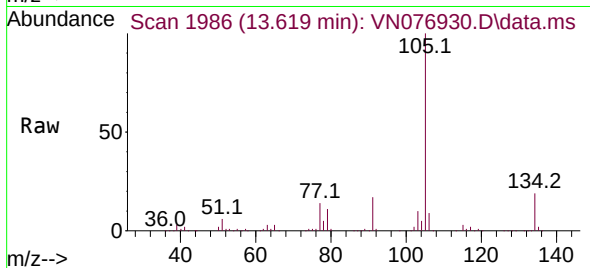
Tgt Ion:105 Resp: 348148
Ion Ratio Lower Upper
105 100
120 41.2 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 19.846 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076930.D
 Acq: 10 Mar 2023 17:37

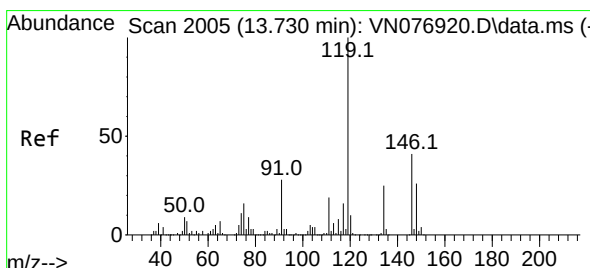
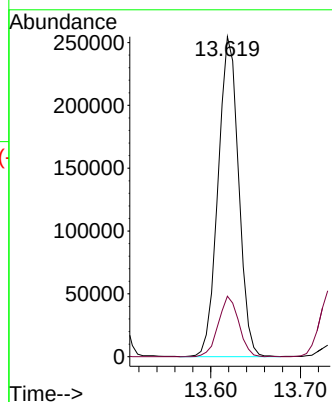
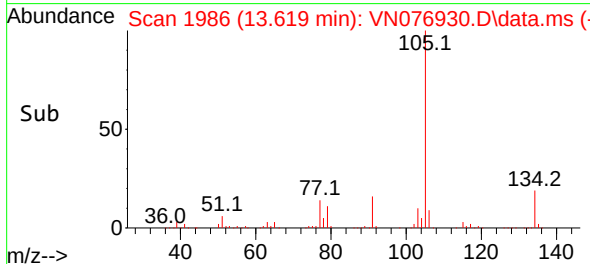
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01



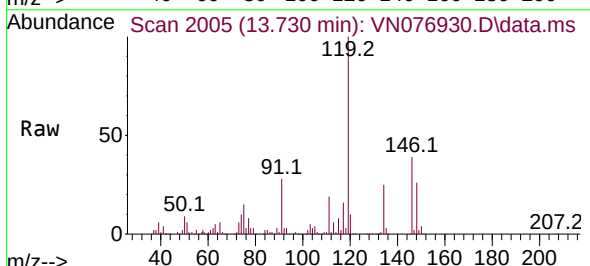
Tgt Ion:105 Resp: 404852
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.2

Manual Integrations
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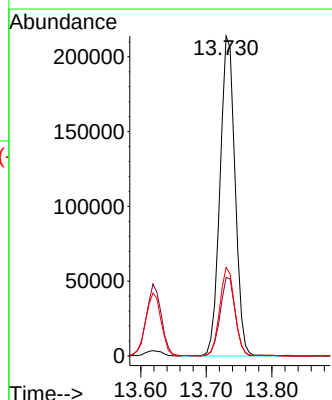
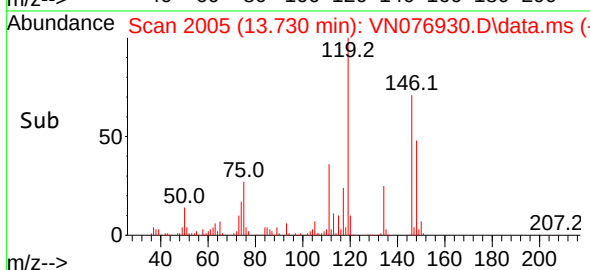
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

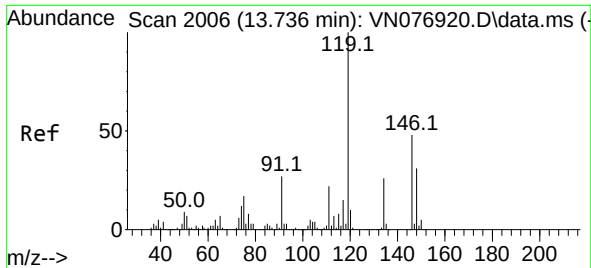


#86
 p-Isopropyltoluene
 Concen: 20.615 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076930.D
 Acq: 10 Mar 2023 17:37



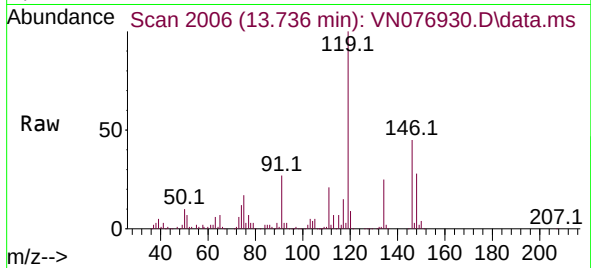
Tgt Ion:119 Resp: 339604
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.5 40.5
 91 27.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 19.229 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

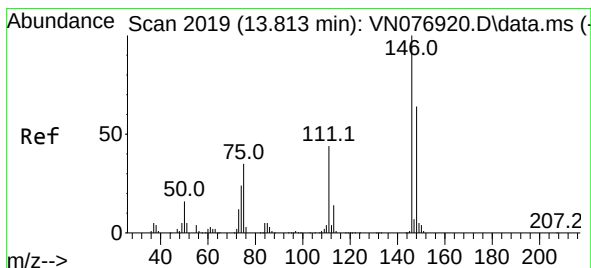
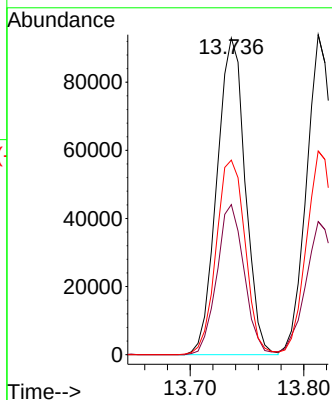
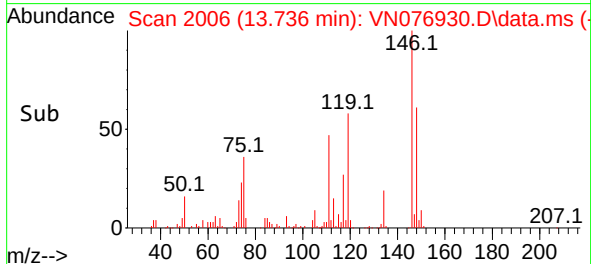
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion:146 Resp: 161114
Ion Ratio Lower Upper
146 100
111 45.6 20.4 61.2
148 63.0 31.5 94.5

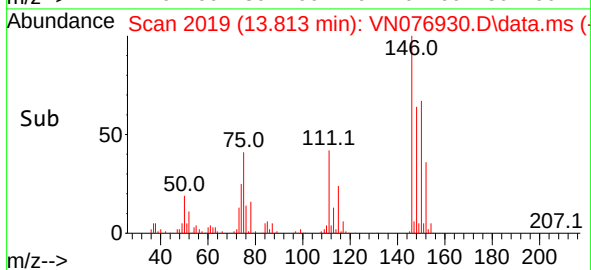
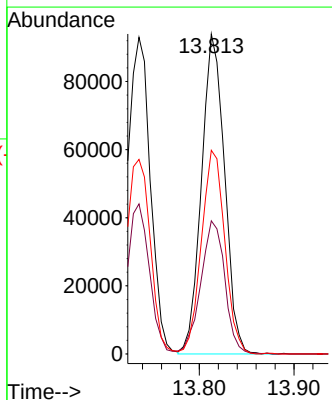
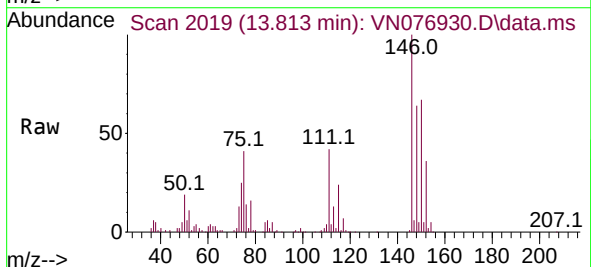
Manual Integrations
APPROVED

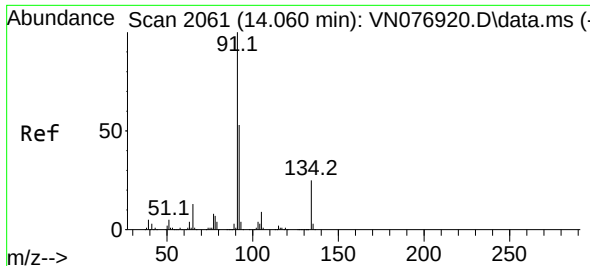
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#88
1,4-Dichlorobenzene
Concen: 18.890 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

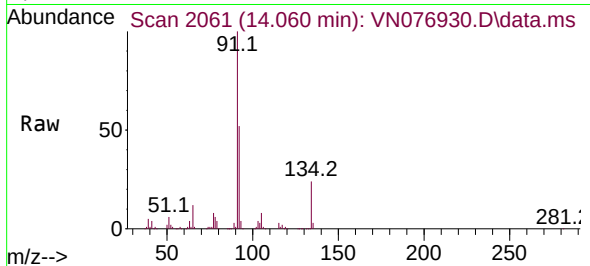
Tgt Ion:146 Resp: 158773
Ion Ratio Lower Upper
146 100
111 43.6 20.0 60.0
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 19.975 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

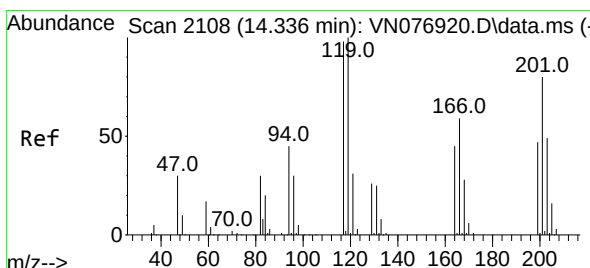
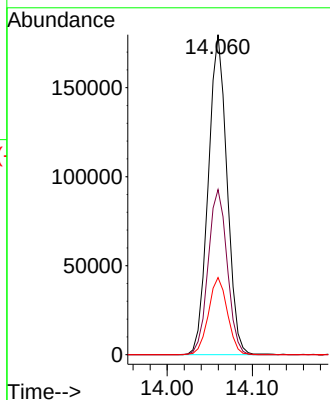
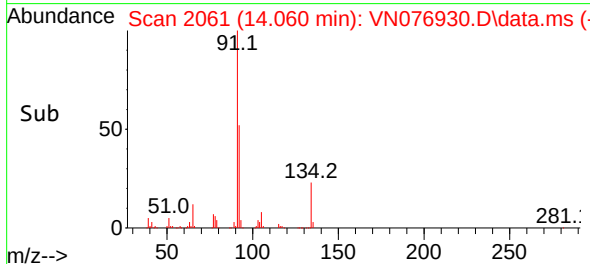
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 91 Resp: 27458
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 24.4 13.6 40.7

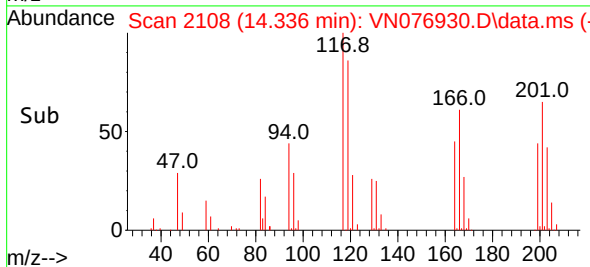
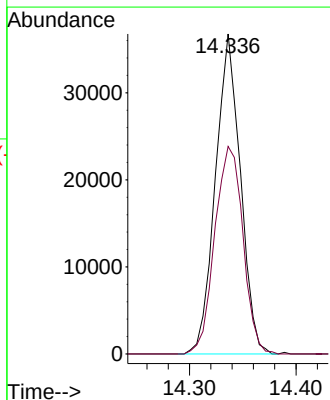
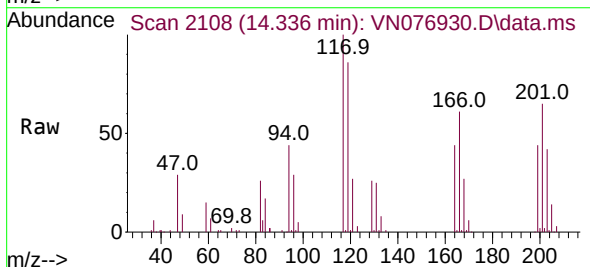
Manual Integrations
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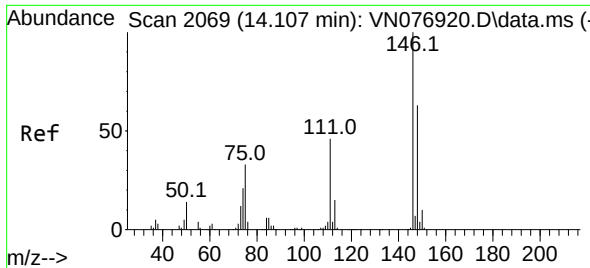
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 18.893 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:117 Resp: 59805
Ion Ratio Lower Upper
117 100
201 73.2 31.9 95.7





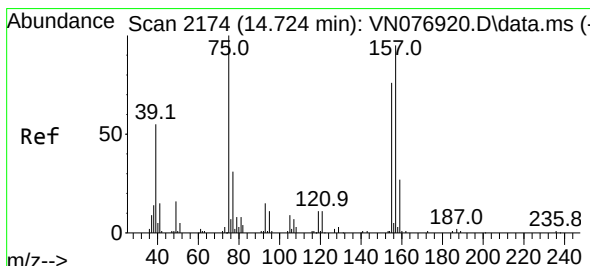
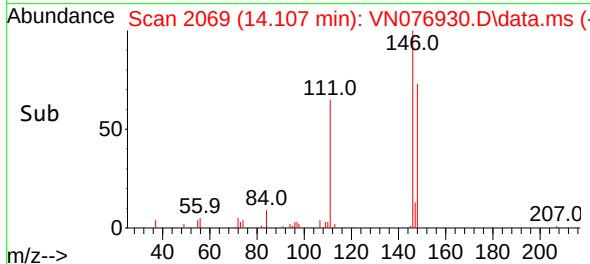
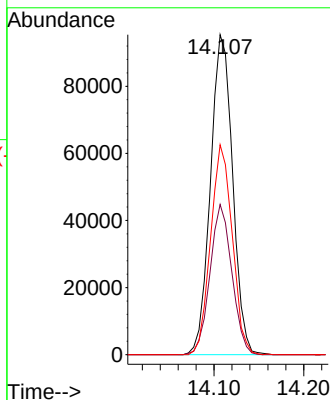
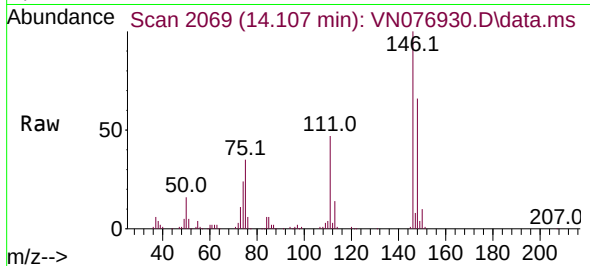
#91
1,2-Dichlorobenzene
Concen: 19.403 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:146 Resp: 16331
Ion Ratio Lower Upper
146 100
111 46.3 21.4 64.2
148 64.3 32.0 96.0

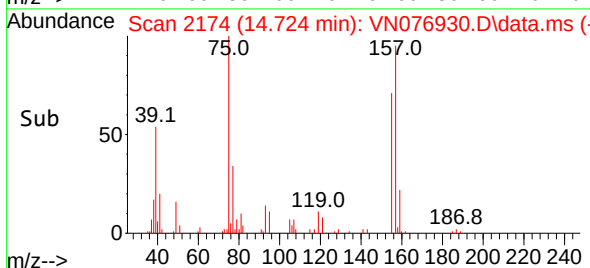
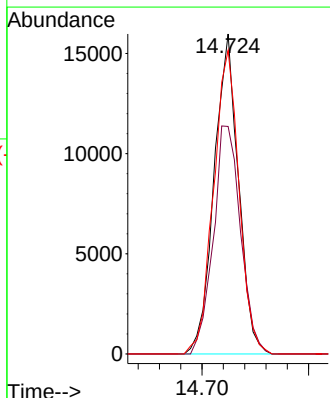
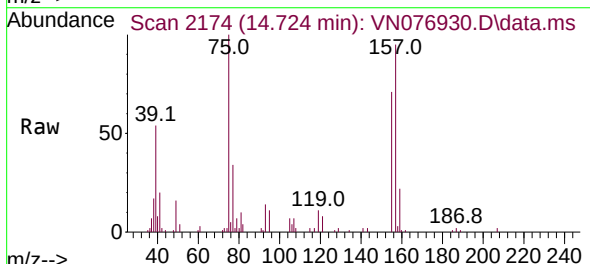
Manual Integrations
APPROVED

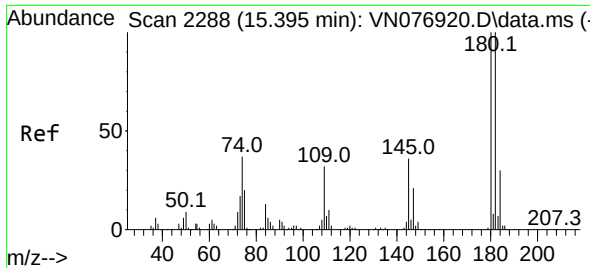
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.946 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

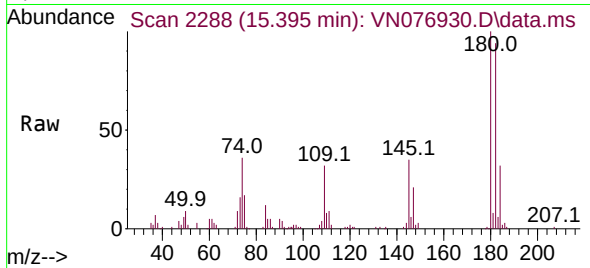
Tgt Ion: 75 Resp: 25311
Ion Ratio Lower Upper
75 100
155 79.7 44.3 132.8
157 99.4 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 18.923 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

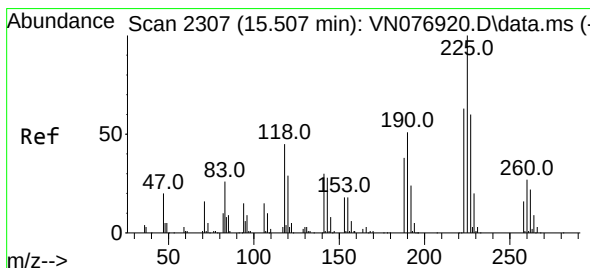
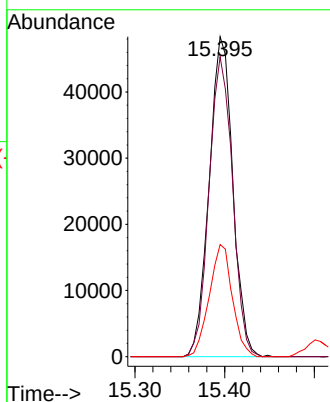
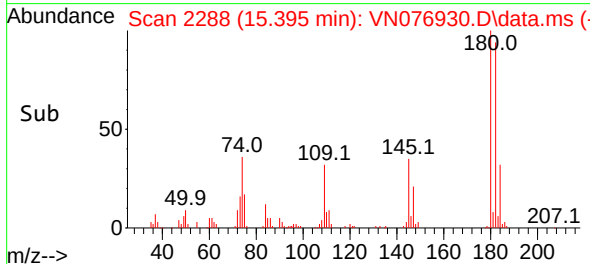
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



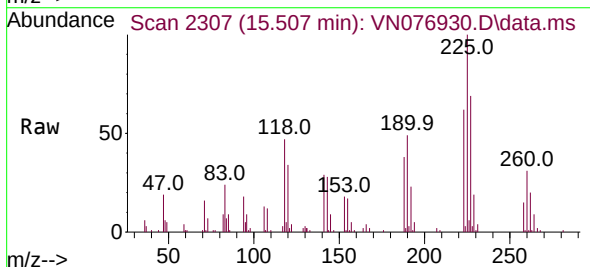
Tgt Ion:180 Resp: 8853
Ion Ratio Lower Upper
180 100
182 92.8 47.4 142.2
145 34.1 15.8 47.3

Manual Integrations
APPROVED

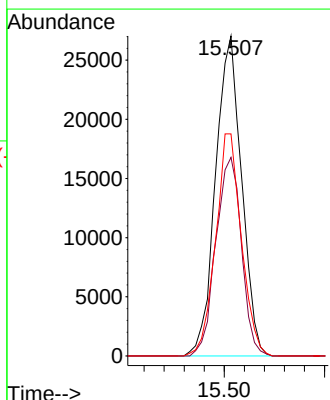
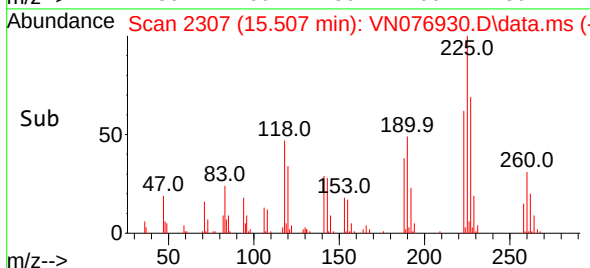
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

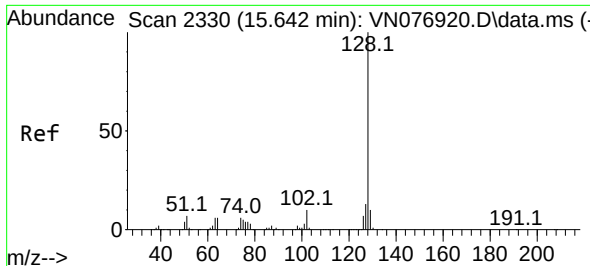


#94
Hexachlorobutadiene
Concen: 19.538 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37



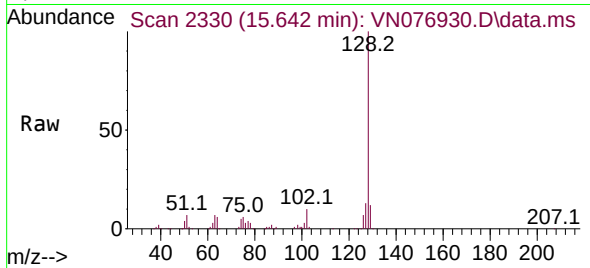
Tgt Ion:225 Resp: 48703
Ion Ratio Lower Upper
225 100
223 61.1 31.4 94.0
227 68.6 30.9 92.7





#95
Naphthalene
Concen: 20.104 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

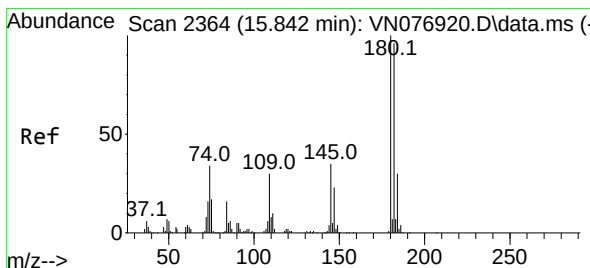
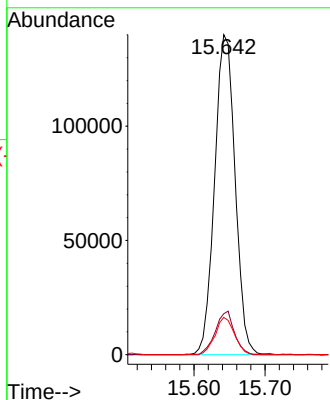
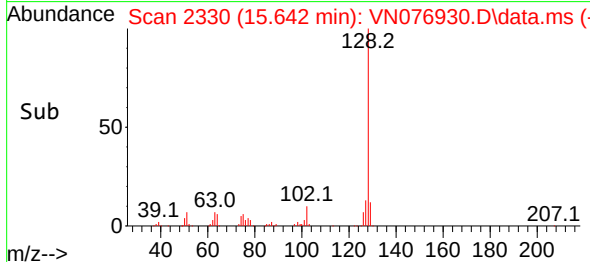
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion:128 Resp: 28004
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.389 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076930.D
Acq: 10 Mar 2023 17:37

Tgt Ion:180 Resp: 88092
Ion Ratio Lower Upper
180 100
182 95.7 47.7 143.1
145 37.4 17.0 51.0

