

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076980.D
 Acq On : 14 Mar 2023 14:20
 Operator : JC\MD
 Sample : VN0314WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:22:00 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	255048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	381271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	341364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	167818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	192441	50.562	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.120%			
35) Dibromofluoromethane	8.178	113	123630	48.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.300%			
50) Toluene-d8	10.572	98	438202	46.792	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.580%			
62) 4-Bromofluorobenzene	12.854	95	178614	52.144	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	93650	20.386	ug/l	98
3) Chloromethane	2.378	50	32023	12.882	ug/l	97
4) Vinyl Chloride	2.531	62	36794	15.945	ug/l	93
5) Bromomethane	2.972	94	35250	20.768	ug/l	86
6) Chloroethane	3.137	64	25005	17.070	ug/l	96
7) Trichlorofluoromethane	3.513	101	130593	21.811	ug/l	96
8) Diethyl Ether	3.978	74	31538	16.372	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.384	101	55062	18.000	ug/l	90
10) Methyl Iodide	4.607	142	57174	17.857	ug/l #	78
11) Tert butyl alcohol	5.531	59	49915	94.276	ug/l	99
12) 1,1-Dichloroethene	4.354	96	48555	17.223	ug/l	90
13) Acrolein	4.196	56	31294	65.757	ug/l	98
14) Allyl chloride	5.043	41	56697	14.019	ug/l	88
15) Acrylonitrile	5.737	53	108980	72.831	ug/l	96
16) Acetone	4.437	43	124650	94.514	ug/l #	87
17) Carbon Disulfide	4.725	76	122322	15.664	ug/l	97
18) Methyl Acetate	5.037	43	67636	13.906	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	204275	20.378	ug/l	91
20) Methylene Chloride	5.296	84	53510	15.780	ug/l	91
21) trans-1,2-Dichloroethene	5.801	96	50356	16.849	ug/l	94
22) Diisopropyl ether	6.690	45	130648	14.602	ug/l	97
23) Vinyl Acetate	6.619	43	435589	79.054	ug/l	97
24) 1,1-Dichloroethane	6.578	63	93197	16.306	ug/l	97
25) 2-Butanone	7.490	43	140332	74.815	ug/l	95
26) 2,2-Dichloropropane	7.501	77	108008	21.355	ug/l	92
27) cis-1,2-Dichloroethene	7.495	96	59339	17.206	ug/l	86
28) Bromochloromethane	7.819	49	36988	17.891	ug/l	91
29) Tetrahydrofuran	7.842	42	80453	69.199	ug/l	100
30) Chloroform	7.978	83	117701	19.166	ug/l	100
31) Cyclohexane	8.266	56	81706	14.963	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	126739	22.013	ug/l	95
36) 1,1-Dichloropropene	8.372	75	79804	20.306	ug/l	95
37) Ethyl Acetate	7.566	43	55733	17.733	ug/l	99
38) Carbon Tetrachloride	8.372	117	117948	25.643	ug/l	95
39) Methylcyclohexane	9.607	83	90421	18.954	ug/l	92
40) Benzene	8.613	78	216662	18.703	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	31861	17.037	ug/l	88
42) 1,2-Dichloroethane	8.678	62	109273	24.183	ug/l	90
43) Isopropyl Acetate	8.695	43	101564	18.306	ug/l	95
44) Trichloroethene	9.354	130	62869	21.000	ug/l	92
45) 1,2-Dichloropropane	9.625	63	48188	16.907	ug/l	98
46) Dibromomethane	9.713	93	42440	21.321	ug/l	92
47) Bromodichloromethane	9.889	83	97761	23.150	ug/l	96
48) Methyl methacrylate	9.684	41	49262	18.122	ug/l	82
49) 1,4-Dioxane	9.695	88	21106	410.044	ug/l #	94
51) 4-Methyl-2-Pentanone	10.448	43	280598	84.193	ug/l	95
52) Toluene	10.631	92	143869	20.179	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	98372	23.366	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	96786	20.933	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	56063	20.210	ug/l	98
56) Ethyl methacrylate	10.878	69	84244	20.022	ug/l #	83
57) 1,3-Dichloropropane	11.166	76	94803	19.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	98931	73.839	ug/l	97
59) 2-Hexanone	11.195	43	213661	87.925	ug/l	92
60) Dibromochloromethane	11.360	129	72951	23.870	ug/l	98
61) 1,2-Dibromoethane	11.472	107	58619	21.084	ug/l	96
64) Tetrachloroethene	11.101	164	66098	23.924	ug/l	89
65) Chlorobenzene	11.895	112	153136	20.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	69349	23.265	ug/l	94
67) Ethyl Benzene	11.966	91	291279	20.745	ug/l	100
68) m/p-Xylenes	12.072	106	217595	41.233	ug/l	83
69) o-Xylene	12.401	106	110356	21.540	ug/l	82
70) Styrene	12.413	104	172658	20.860	ug/l #	89
71) Bromoform	12.583	173	52832	24.457	ug/l #	100
73) Isopropylbenzene	12.701	105	298687	19.974	ug/l	96
74) N-amyl acetate	12.495	43	82253	16.613	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	70774	16.085	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	75940m	18.665	ug/l	
77) Bromobenzene	12.983	156	67900	20.311	ug/l	100
78) n-propylbenzene	13.042	91	323560	19.431	ug/l	98
79) 2-Chlorotoluene	13.130	91	213198	19.743	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	272147	21.365	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.742	75	22252	17.865	ug/l #	73
82) 4-Chlorotoluene	13.224	91	206330	20.221	ug/l	93
83) tert-Butylbenzene	13.442	119	224043	20.703	ug/l	86
84) 1,2,4-Trimethylbenzene	13.483	105	267246	20.970	ug/l	91
85) sec-Butylbenzene	13.619	105	295718	19.936	ug/l	99
86) p-Isopropyltoluene	13.736	119	261186	21.804	ug/l	91
87) 1,3-Dichlorobenzene	13.736	146	125793	20.647	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	124506	20.371	ug/l	95
89) n-Butylbenzene	14.060	91	198464	19.855	ug/l	99
90) Hexachloroethane	14.336	117	47100	20.463	ug/l	73
91) 1,2-Dichlorobenzene	14.107	146	124059	20.269	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	20860	21.473	ug/l	82
93) 1,2,4-Trichlorobenzene	15.395	180	75701	22.251	ug/l	99
94) Hexachlorobutadiene	15.507	225	47260	26.073	ug/l	97
95) Naphthalene	15.642	128	212189	20.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	73599	22.278	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

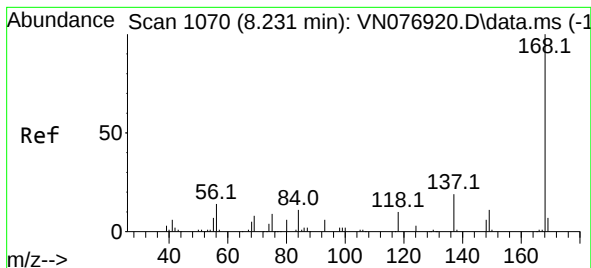
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

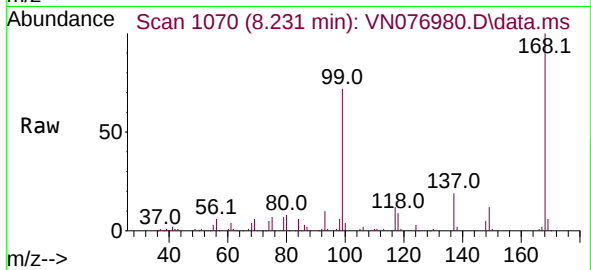
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076980.D
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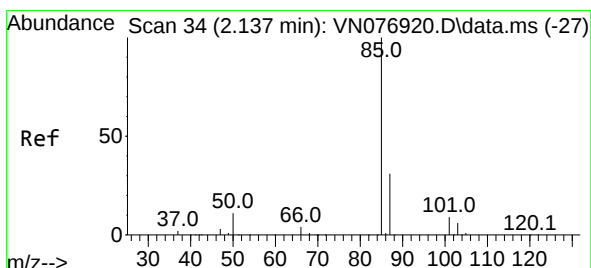
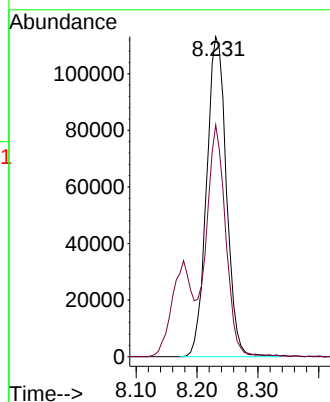
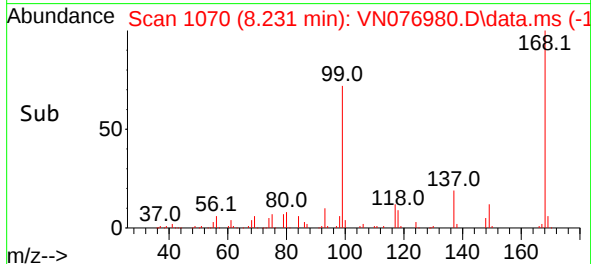
Instrument :
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ClientSampleId :
VN0314WBSD01



Tgt Ion:168 Resp: 255048
Ion Ratio Lower Upper
168 100
99 72.2 48.6 73.0

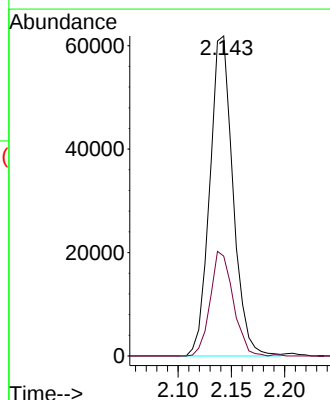
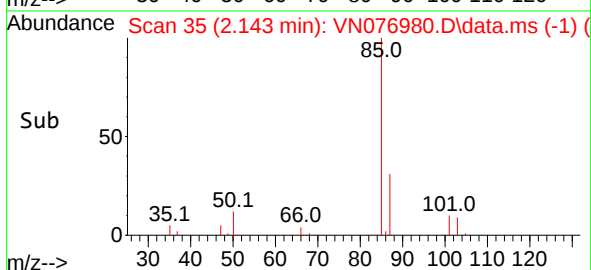
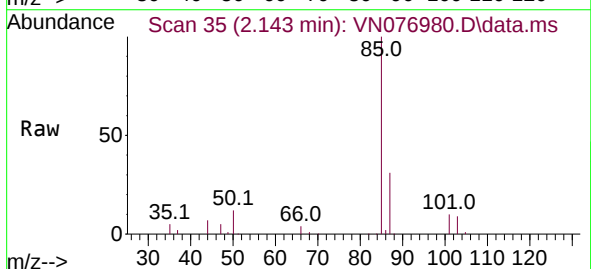
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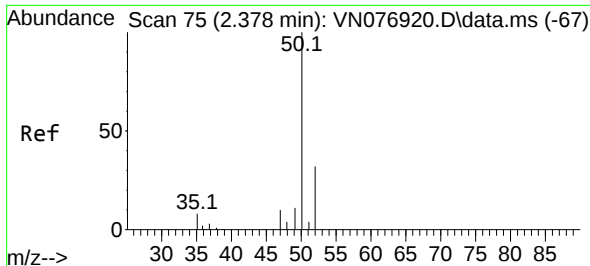
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 20.386 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

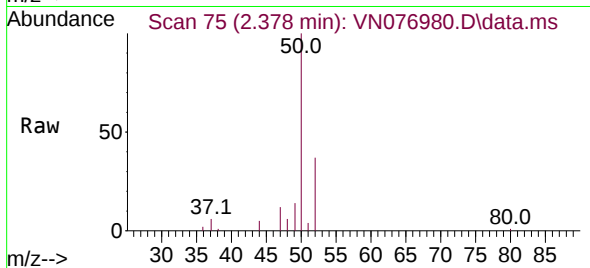
Tgt Ion: 85 Resp: 93650
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6





#3
Chloromethane
Concen: 12.882 ug/l
RT: 2.378 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

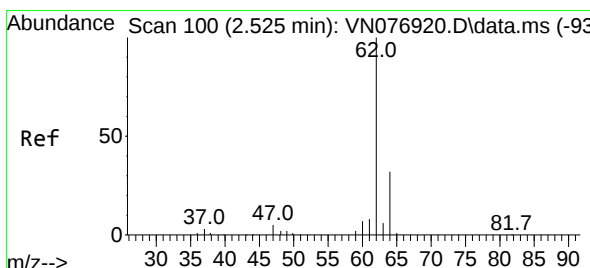
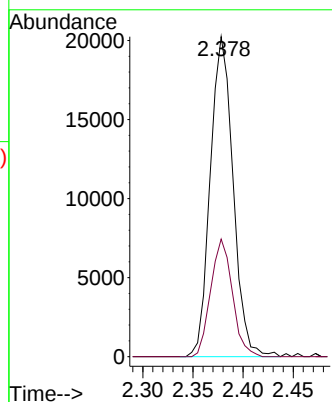
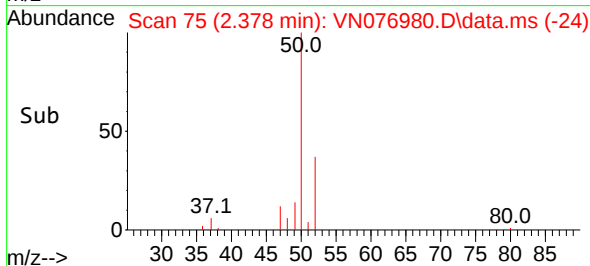
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 50 Resp: 3202
Ion Ratio Lower Upper
50 100
52 36.7 27.9 41.9

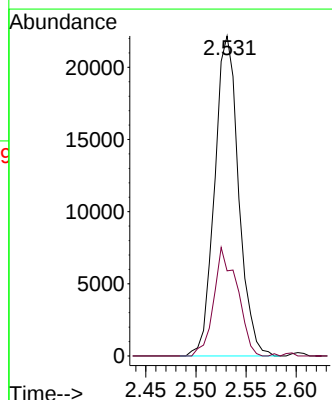
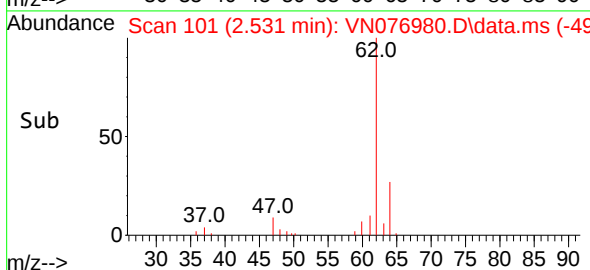
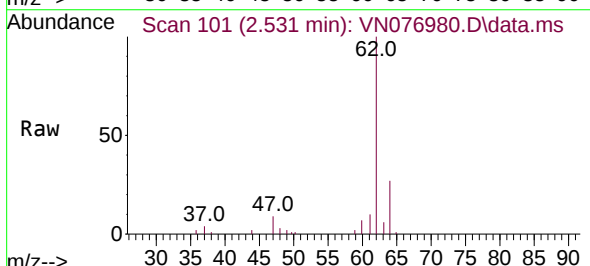
Manual Integrations
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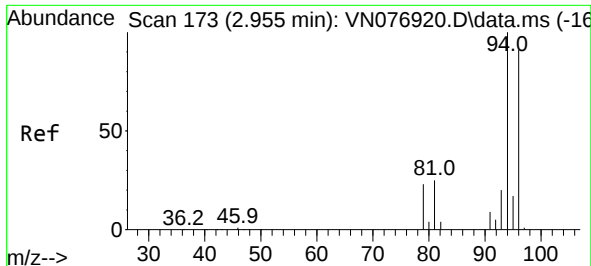
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#4
Vinyl Chloride
Concen: 15.945 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 62 Resp: 36794
Ion Ratio Lower Upper
62 100
64 26.6 24.5 36.7





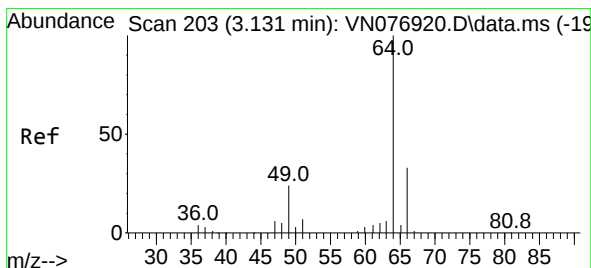
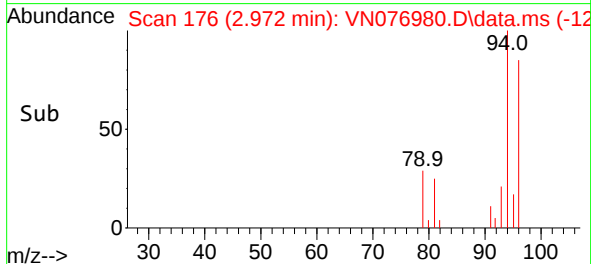
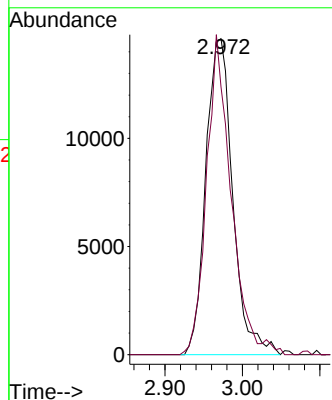
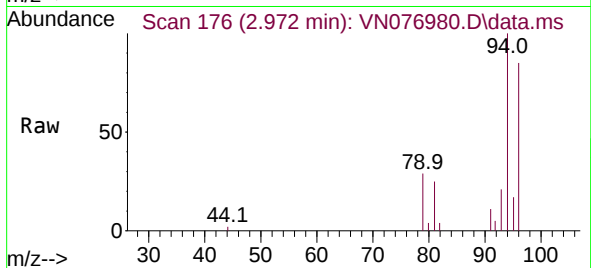
#5
Bromomethane
Concen: 20.768 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 35250
Ion Ratio Lower Upper
94 100
96 84.8 79.0 118.6

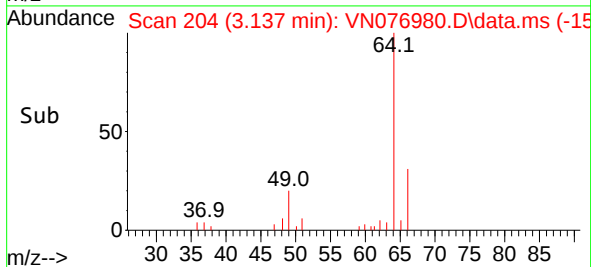
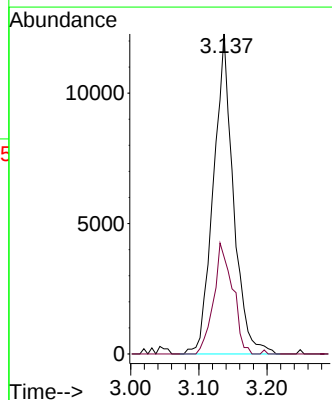
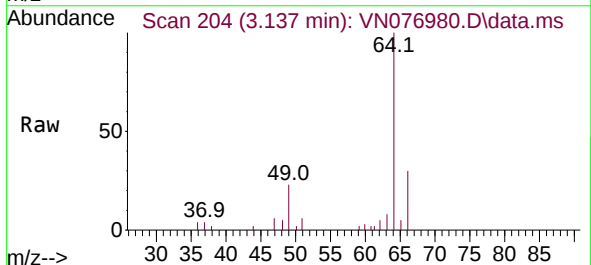
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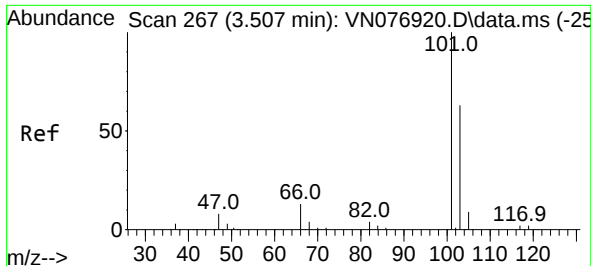
Reviewed By :John Carlone 03/15/2023
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#6
Chloroethane
Concen: 17.070 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 64 Resp: 25005
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4





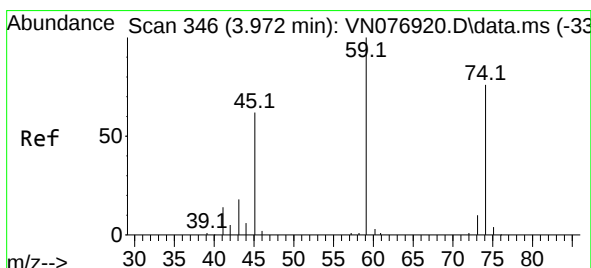
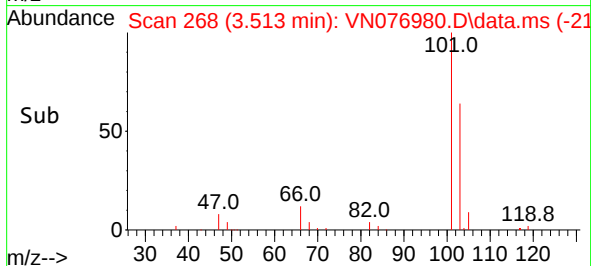
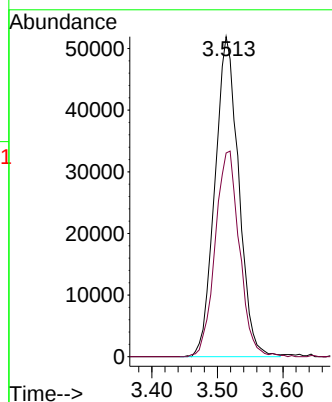
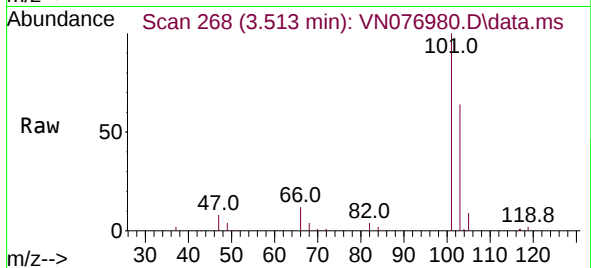
#7
Trichlorofluoromethane
Concen: 21.811 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:101 Resp: 13059
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.0

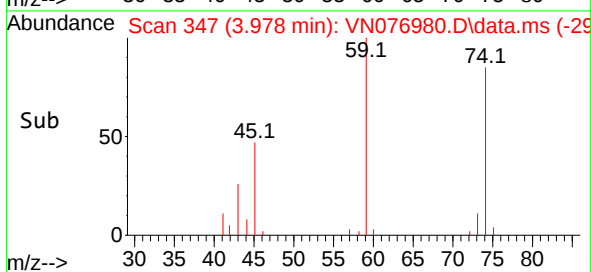
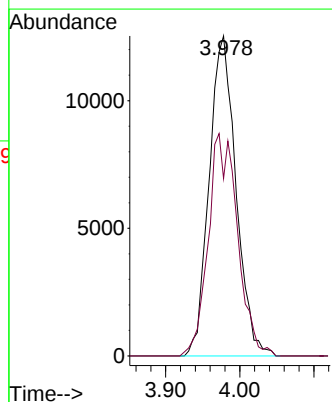
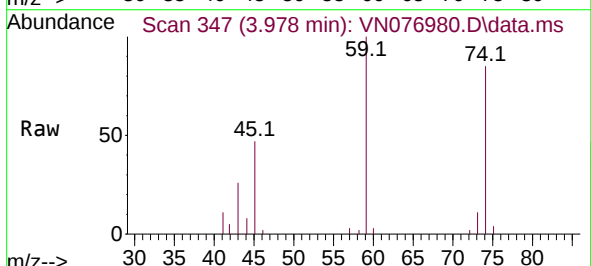
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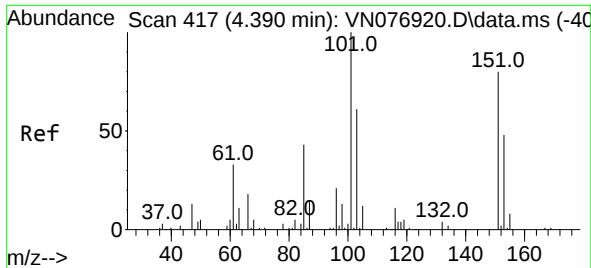
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#8
Diethyl Ether
Concen: 16.372 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 74 Resp: 31538
Ion Ratio Lower Upper
74 100
45 75.7 35.5 106.5





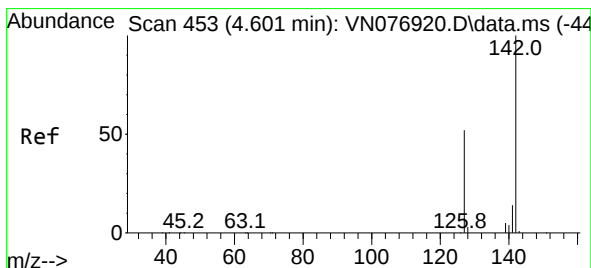
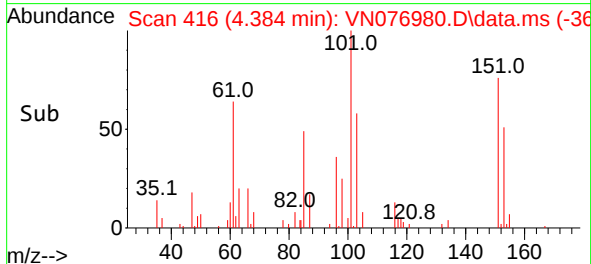
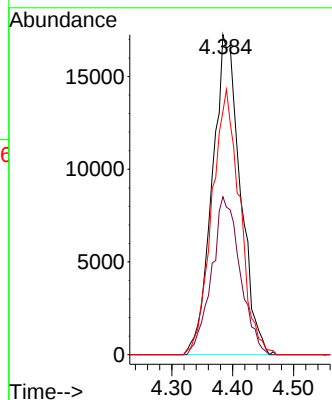
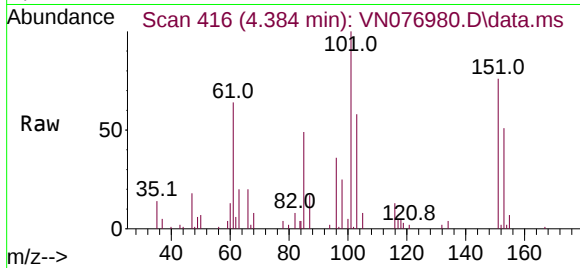
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.000 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:101 Resp: 55062
Ion Ratio Lower Upper
101 100
85 50.1 35.2 52.8
151 82.7 58.9 88.3

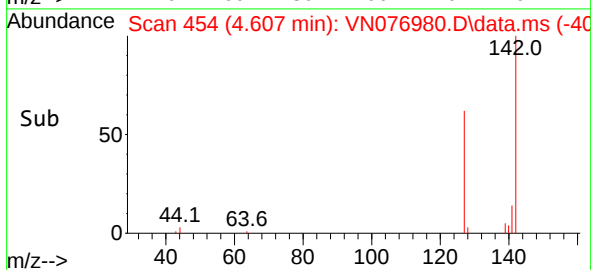
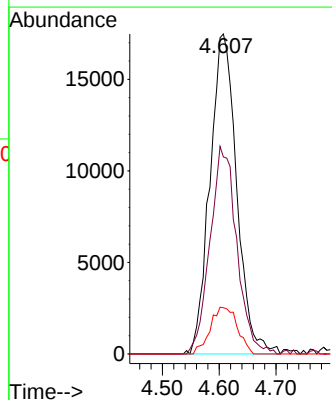
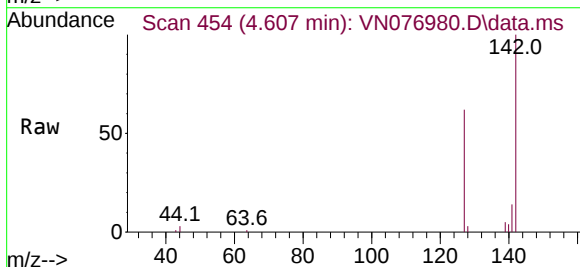
Manual Integrations
APPROVED

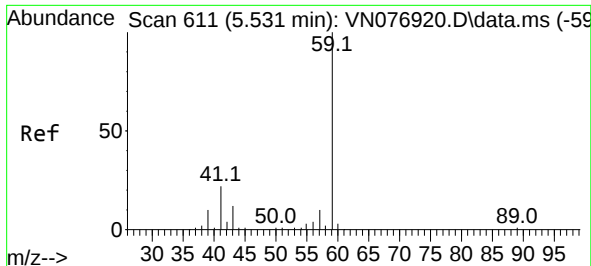
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 17.857 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

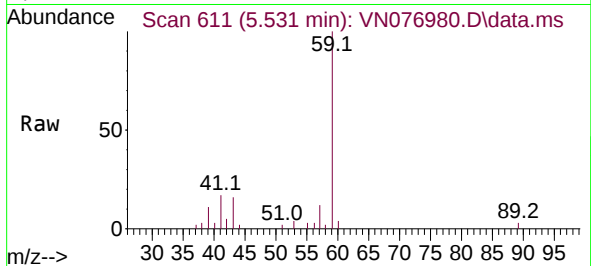
Tgt Ion:142 Resp: 57174
Ion Ratio Lower Upper
142 100
127 61.6 35.2 52.8#
141 14.5 10.2 15.2





#11
Tert butyl alcohol
Concen: 94.276 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

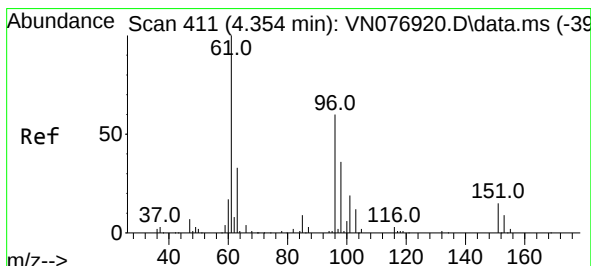
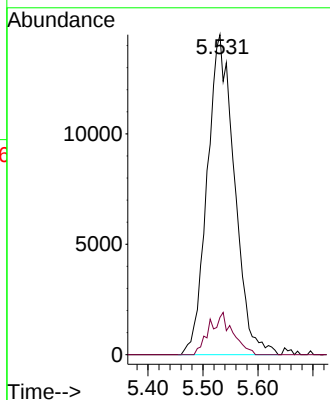
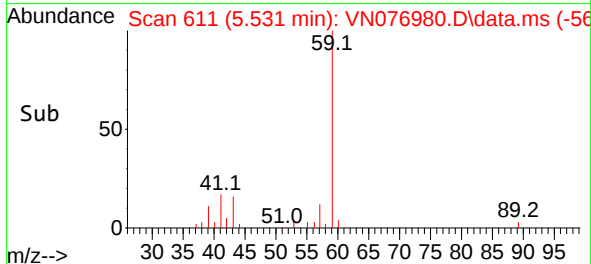
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 59 Resp: 4991
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

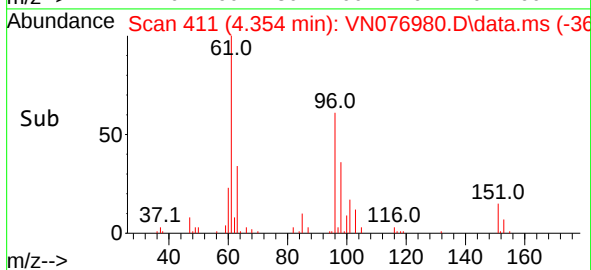
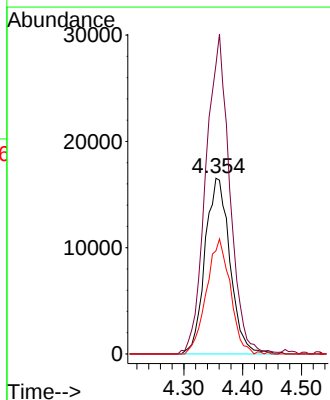
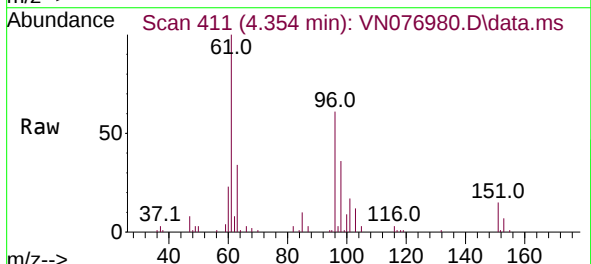
Manual Integrations
APPROVED

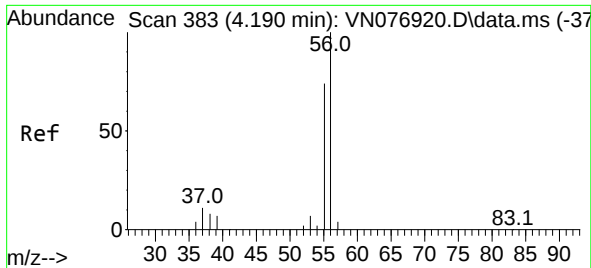
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#12
1,1-Dichloroethene
Concen: 17.223 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 96 Resp: 48555
Ion Ratio Lower Upper
96 100
61 164.8 121.3 181.9
98 58.8 52.1 78.1





#13

Acrolein

Concen: 65.757 ug/l

RT: 4.196 min Scan# 31294

Delta R.T. 0.006 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 56 Resp: 31294

Ion Ratio Lower Upper

56 100

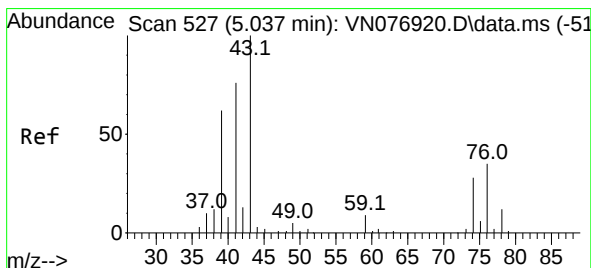
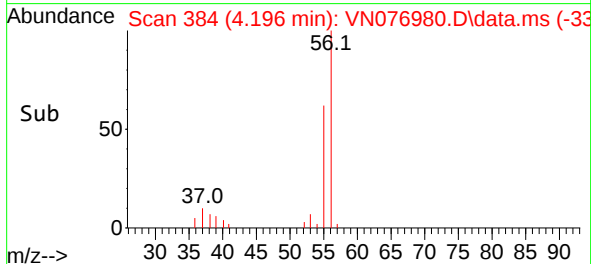
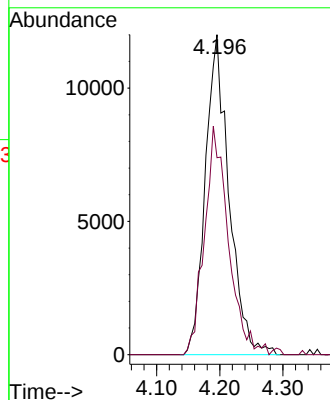
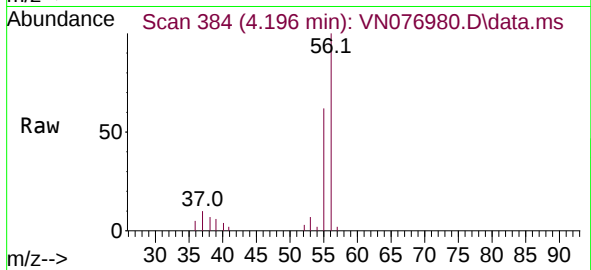
55 72.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#14

Allyl chloride

Concen: 14.019 ug/l

RT: 5.043 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

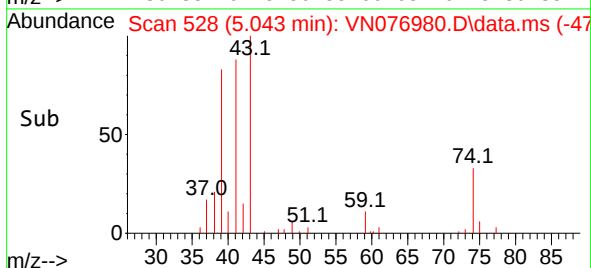
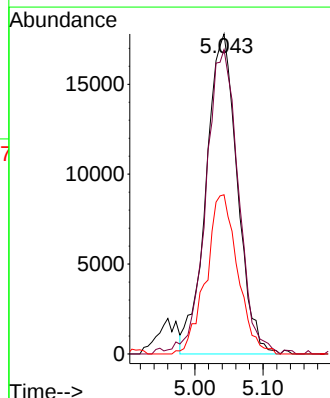
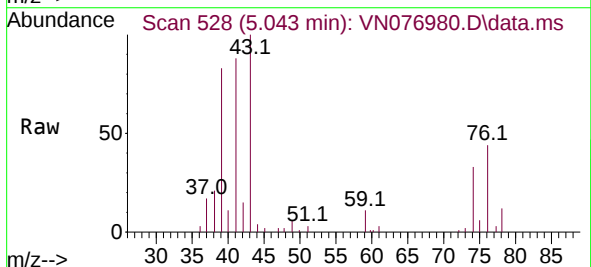
Tgt Ion: 41 Resp: 56697

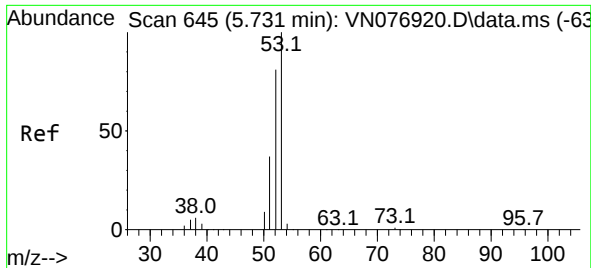
Ion Ratio Lower Upper

41 100

39 98.6 68.1 102.1

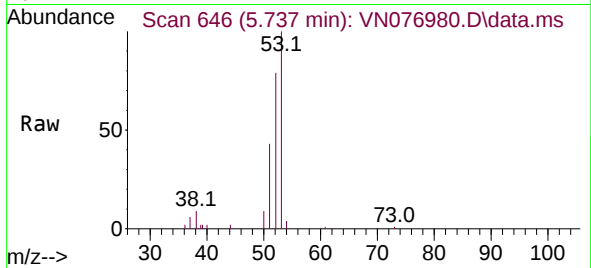
76 50.4 44.1 66.1





#15
Acrylonitrile
Concen: 72.831 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

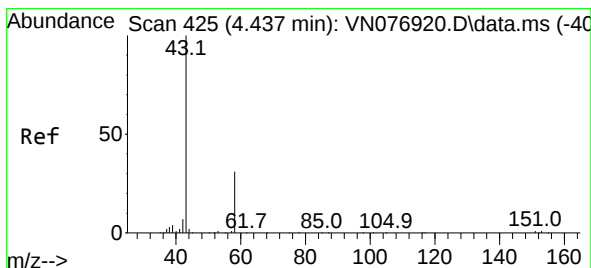
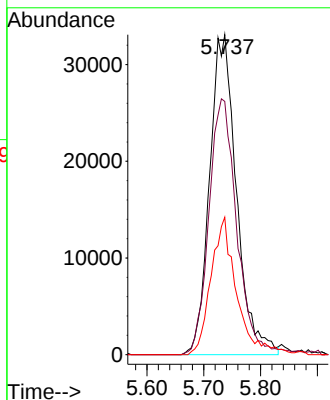
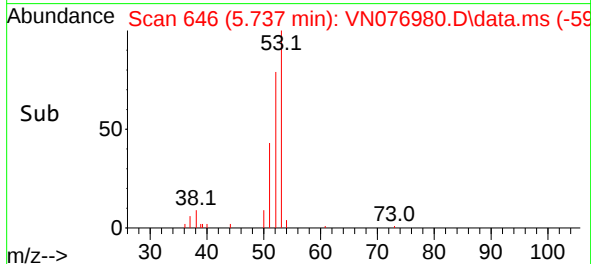
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



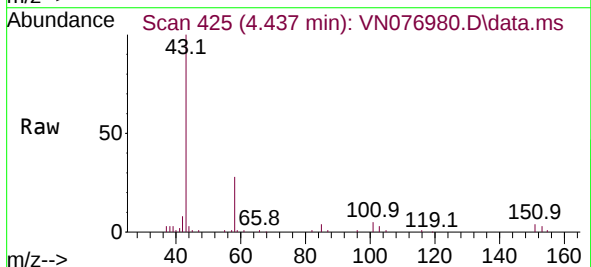
Tgt Ion: 53 Resp: 108980
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 40.9 28.8 43.2

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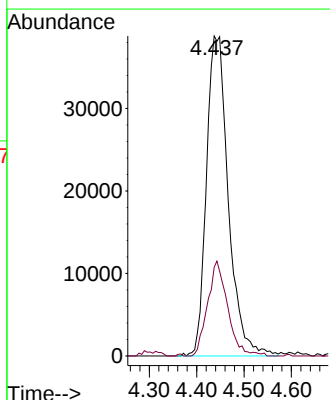
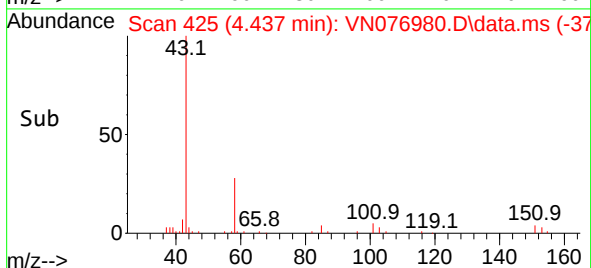
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

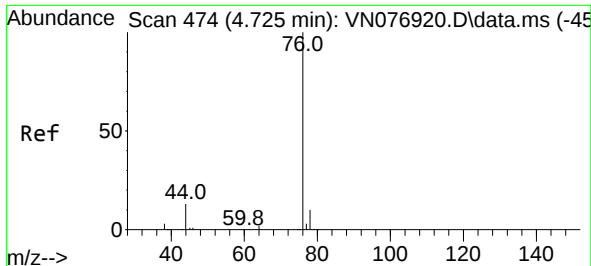


#16
Acetone
Concen: 94.514 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



Tgt Ion: 43 Resp: 124650
Ion Ratio Lower Upper
43 100
58 27.8 28.2 42.2#





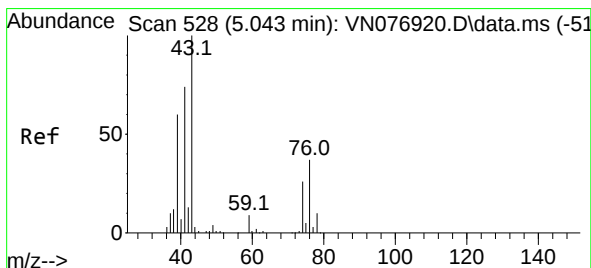
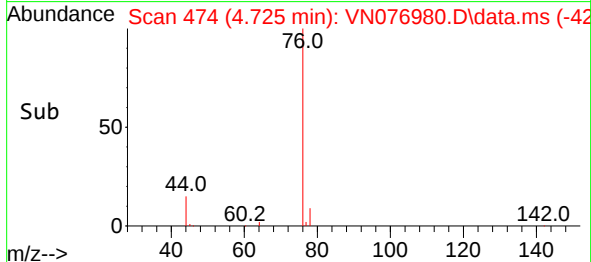
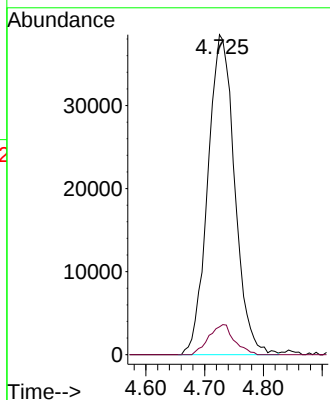
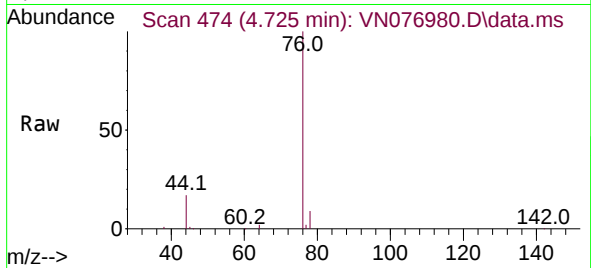
#17
Carbon Disulfide
Concen: 15.664 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 76 Resp: 12232
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

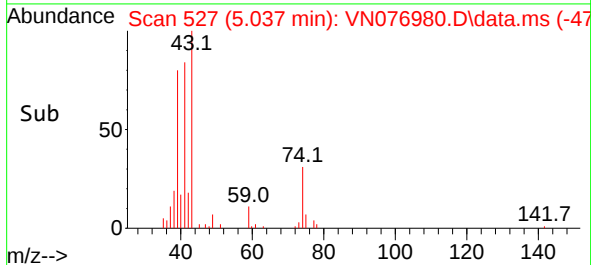
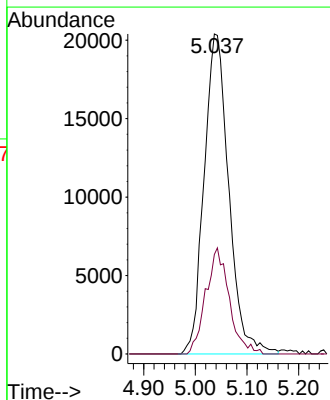
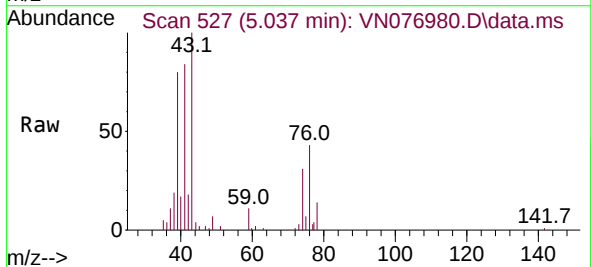
Manual Integrations
APPROVED

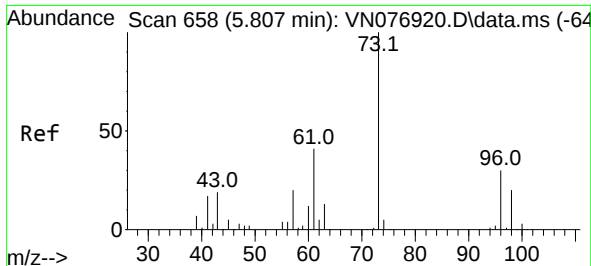
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#18
Methyl Acetate
Concen: 13.906 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 43 Resp: 67636
Ion Ratio Lower Upper
43 100
74 31.4 25.9 38.9





#19

Methyl tert-butyl Ether

Concen: 20.378 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 73 Resp: 20427

Ion Ratio Lower Upper

73 100

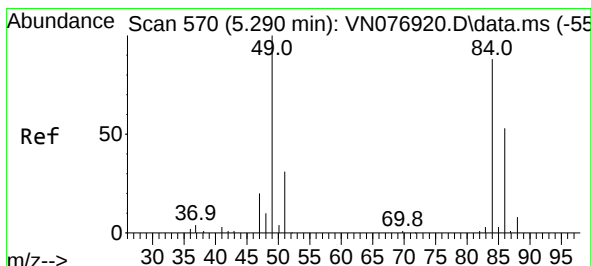
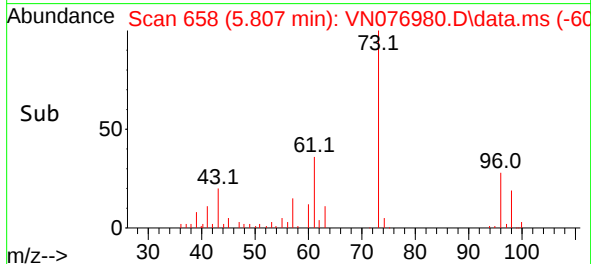
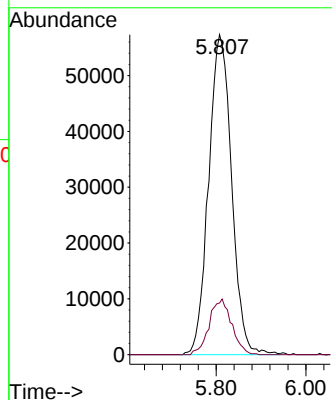
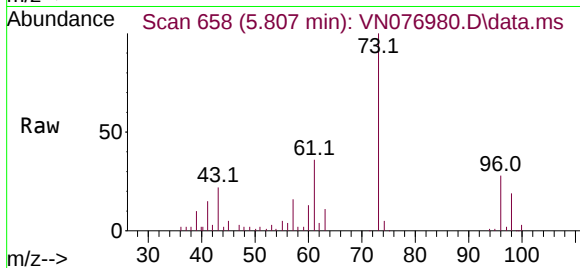
57 16.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#20

Methylene Chloride

Concen: 15.780 ug/l

RT: 5.296 min Scan# 571

Delta R.T. 0.006 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Tgt Ion: 84 Resp: 53510

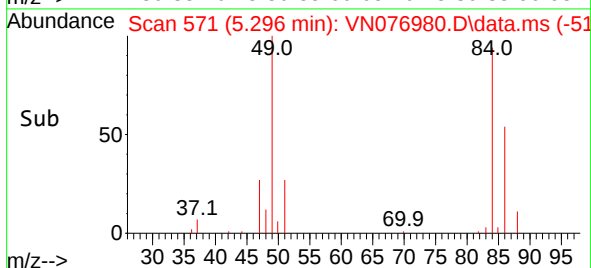
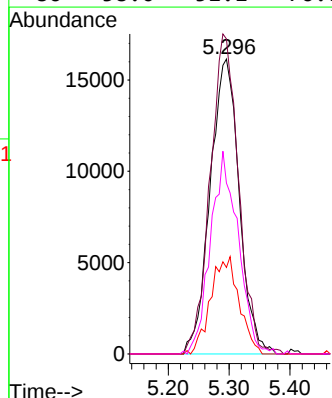
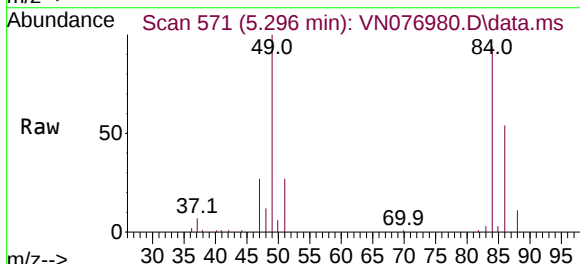
Ion Ratio Lower Upper

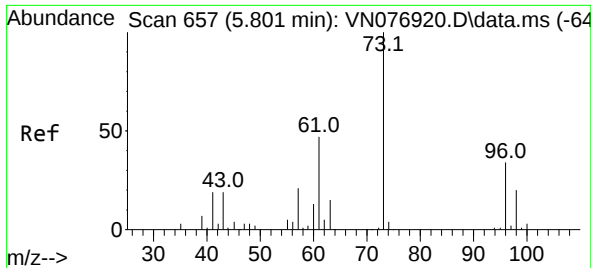
84 100

49 106.8 76.6 114.8

51 29.3 25.4 38.2

86 58.0 51.1 76.7





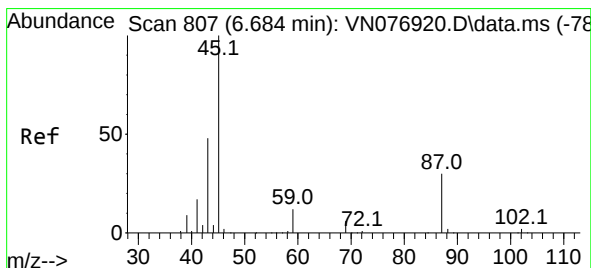
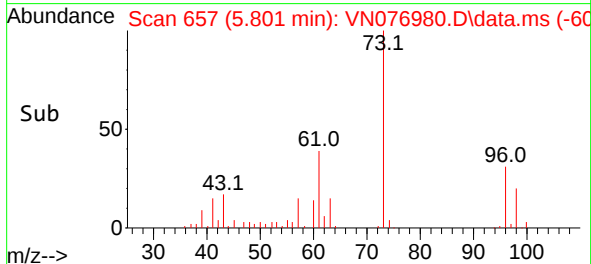
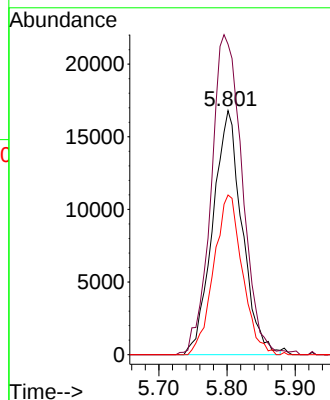
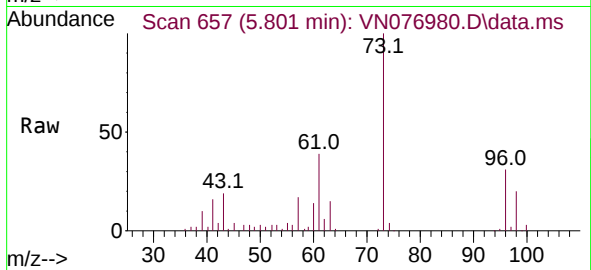
#21
trans-1,2-Dichloroethene
Concen: 16.849 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 96 Resp: 50350
Ion Ratio Lower Upper
96 100
61 126.3 95.0 142.6
98 65.4 54.5 81.7

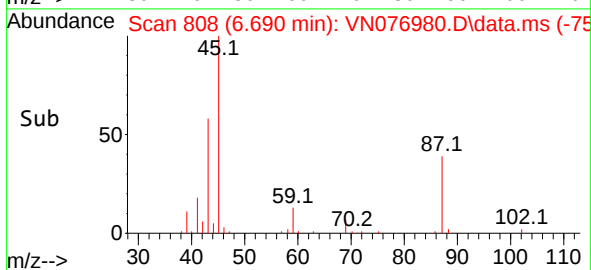
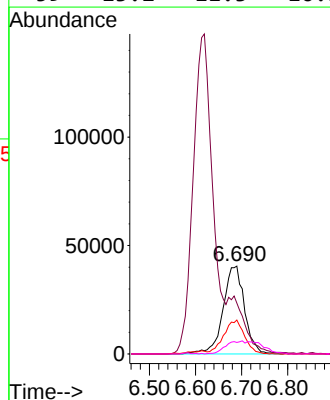
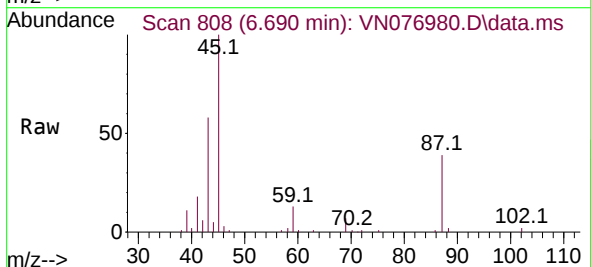
Manual Integrations
APPROVED

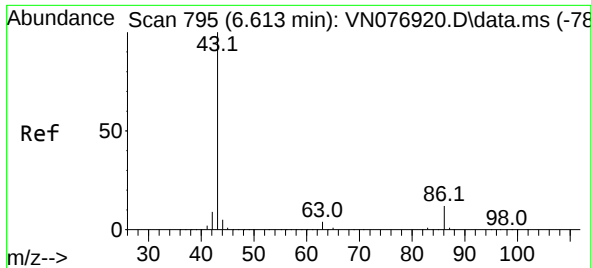
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#22
Diisopropyl ether
Concen: 14.602 ug/l
RT: 6.690 min Scan# 808
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 45 Resp: 130648
Ion Ratio Lower Upper
45 100
43 56.3 42.6 63.8
87 38.6 29.7 44.5
59 13.2 11.3 16.9





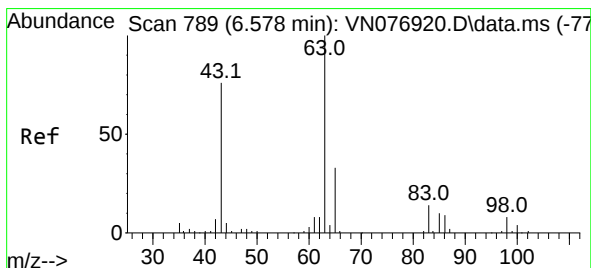
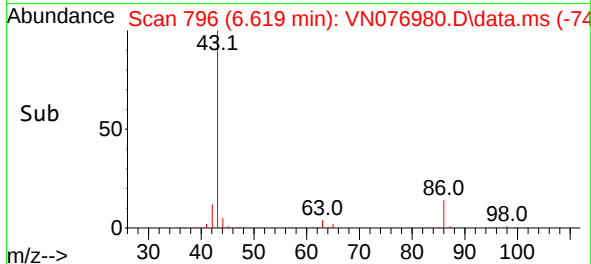
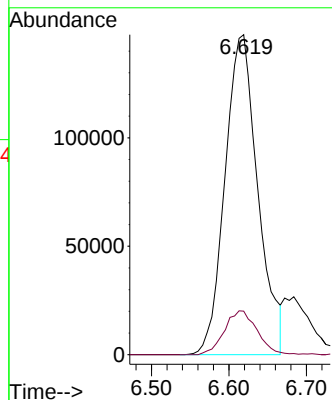
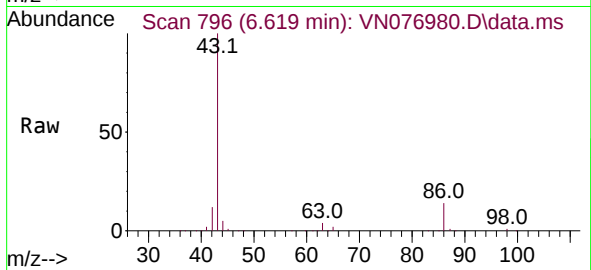
#23
 Vinyl Acetate
 Concen: 79.054 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076980.D
 Acq: 14 Mar 2023 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Tgt Ion: 43 Resp: 435589
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.8 17.6

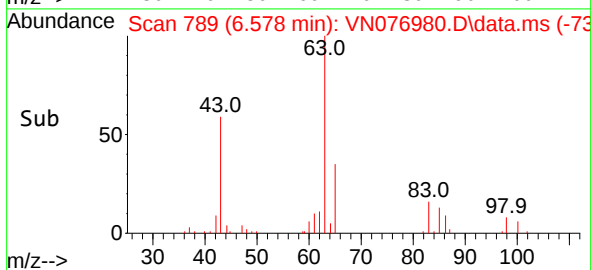
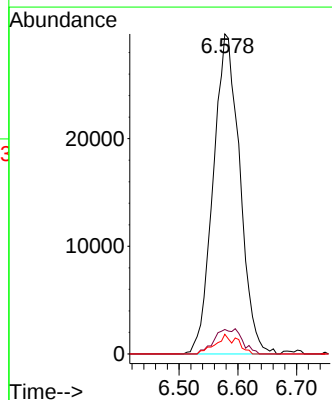
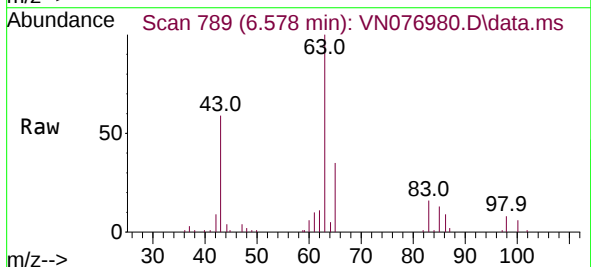
Manual Integrations
 APPROVED

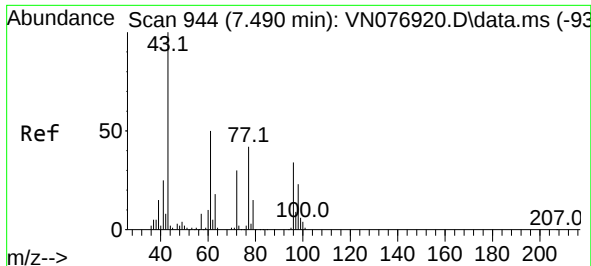
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#24
 1,1-Dichloroethane
 Concen: 16.306 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076980.D
 Acq: 14 Mar 2023 14:20

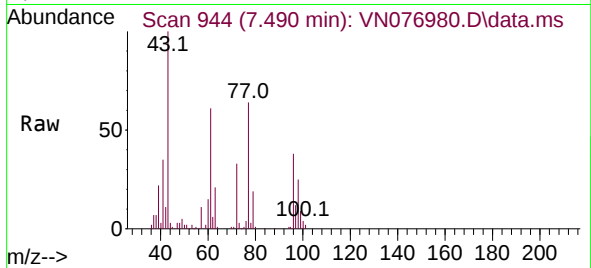
Tgt Ion: 63 Resp: 93197
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.2 12.6
 100 6.1 2.2 6.6





#25
2-Butanone
Concen: 74.815 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

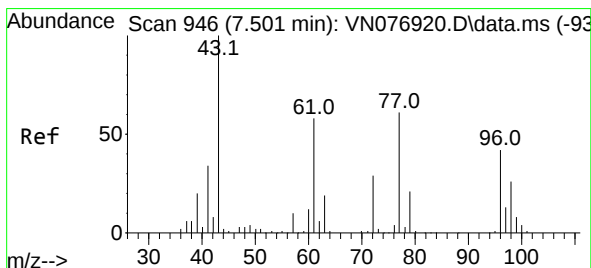
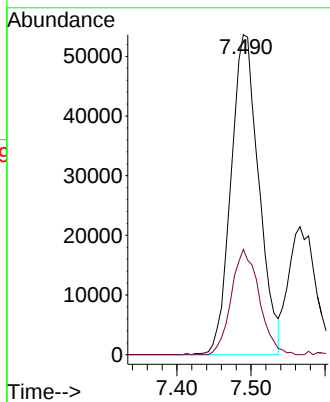
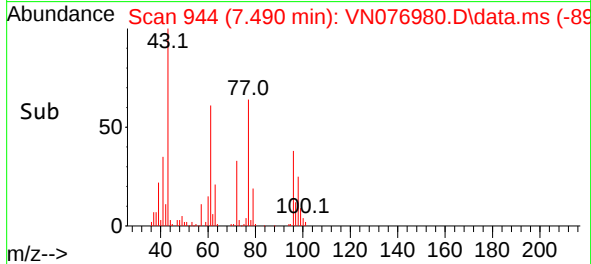
Instrument :
MSVOA_N
Client Sample Id :
VN0314WBSD01



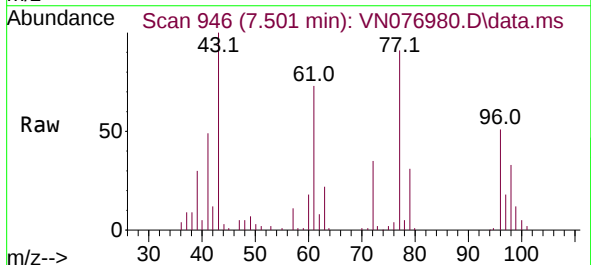
Tgt Ion: 43 Resp: 140332
Ion Ratio Lower Upper
43 100
72 32.9 28.8 43.2

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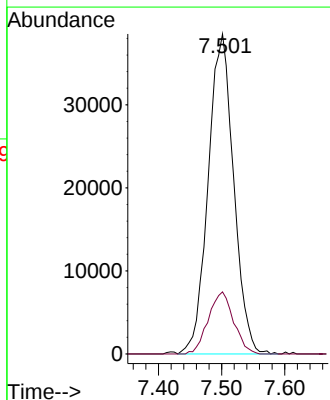
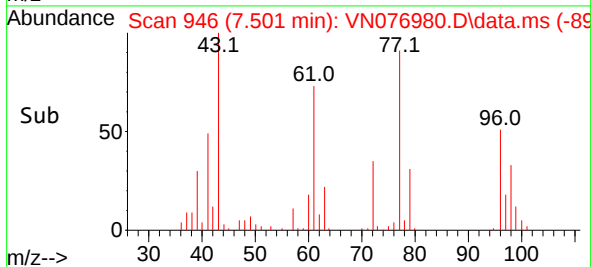
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

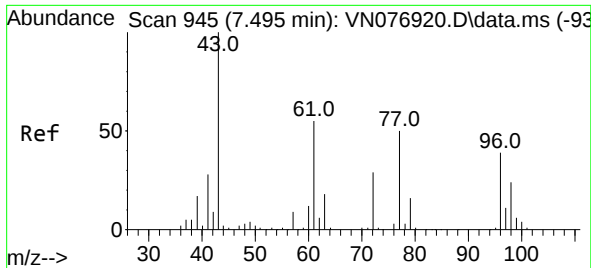


#26
2,2-Dichloropropane
Concen: 21.355 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



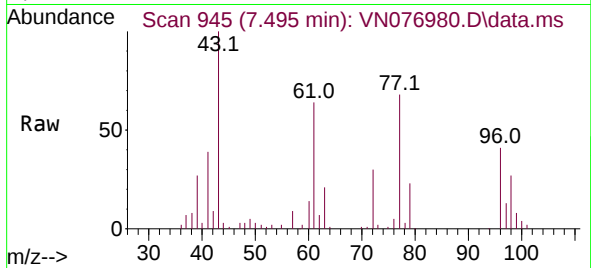
Tgt Ion: 77 Resp: 108008
Ion Ratio Lower Upper
77 100
97 19.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 17.206 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076980.D
 Acq: 14 Mar 2023 14:20

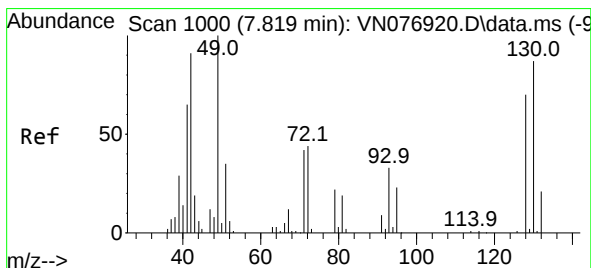
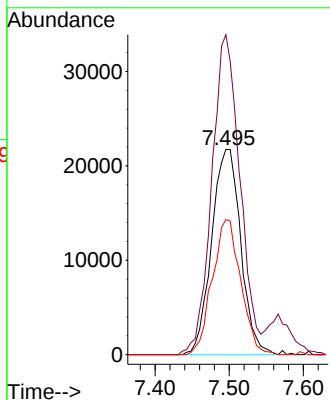
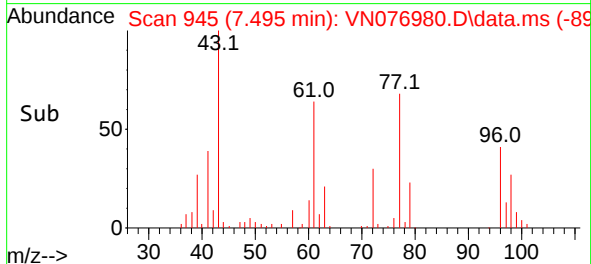
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



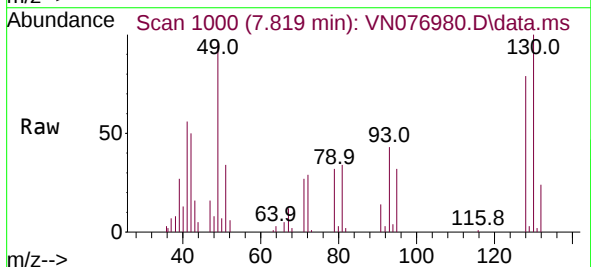
Tgt Ion: 96 Resp: 59339
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 255.6
 98 64.4 0.0 127.4

Manual Integrations
 APPROVED

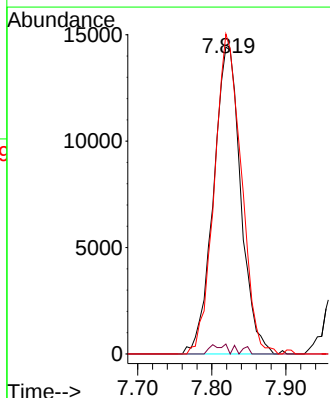
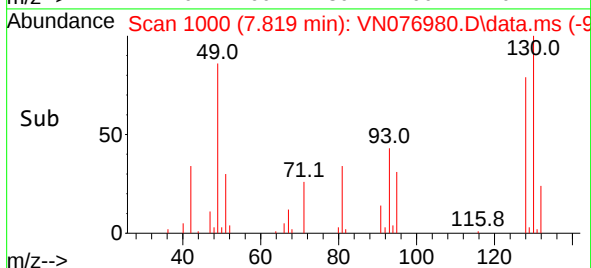
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

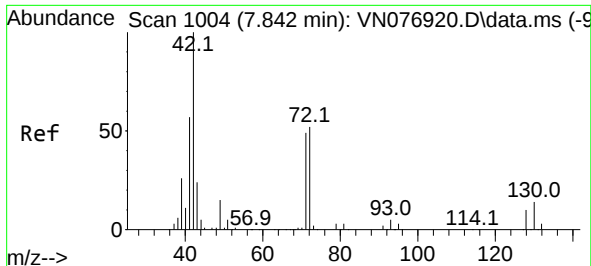


#28
 Bromochloromethane
 Concen: 17.891 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076980.D
 Acq: 14 Mar 2023 14:20



Tgt Ion: 49 Resp: 36988
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 102.5 74.8 112.2





#29

Tetrahydrofuran

Concen: 69.199 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

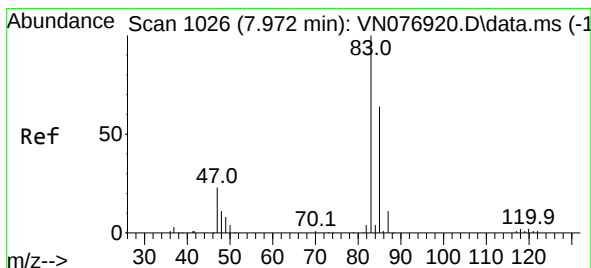
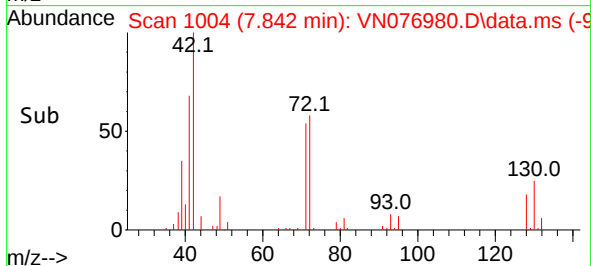
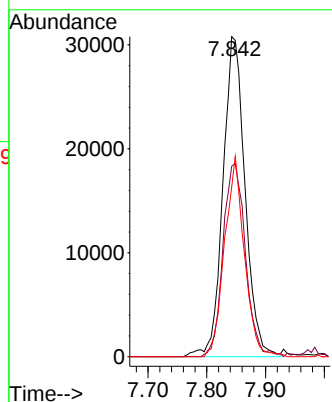
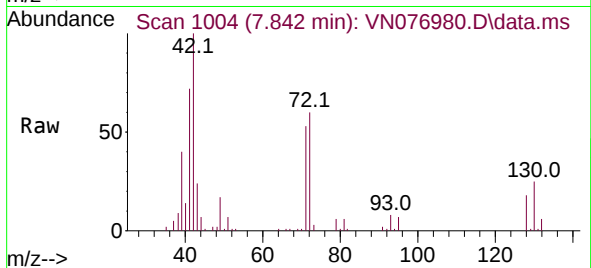
Tgt Ion:	42	Resp:	8045
Ion Ratio	Lower	Upper	
42	100		
72	61.2	48.6	73.0
71	56.1	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 19.166 ug/l

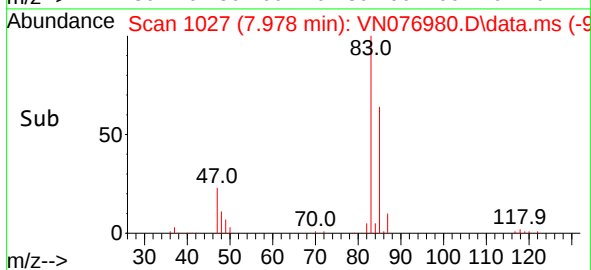
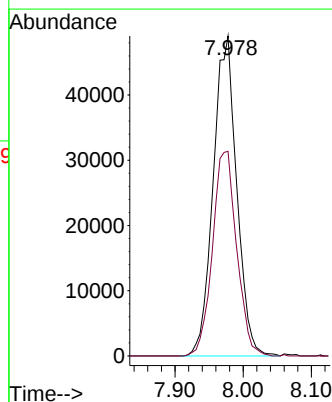
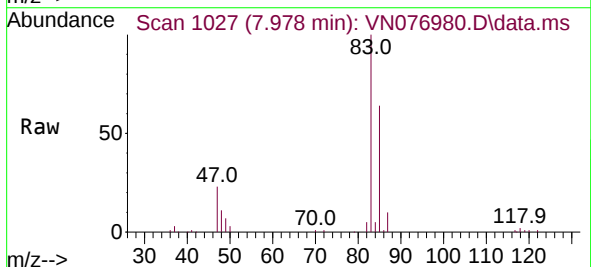
RT: 7.978 min Scan# 1027

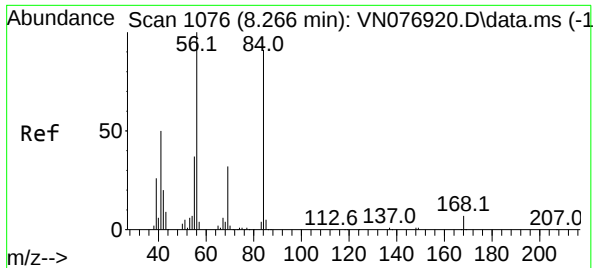
Delta R.T. 0.006 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

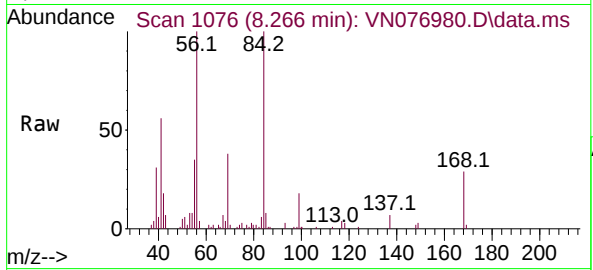
Tgt Ion:	83	Resp:	117701
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.3	76.9





#31
Cyclohexane
Concen: 14.963 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

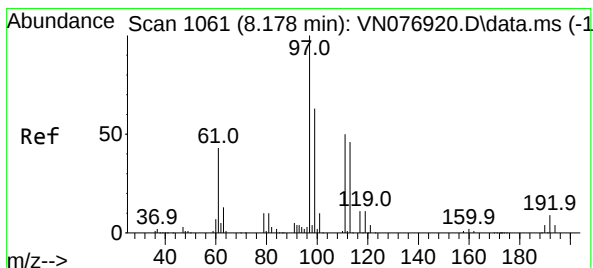
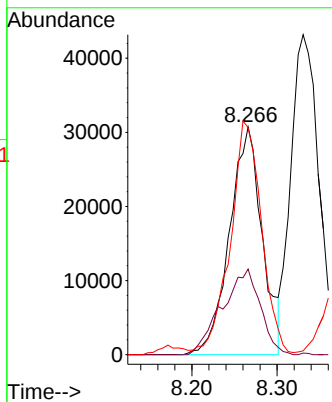
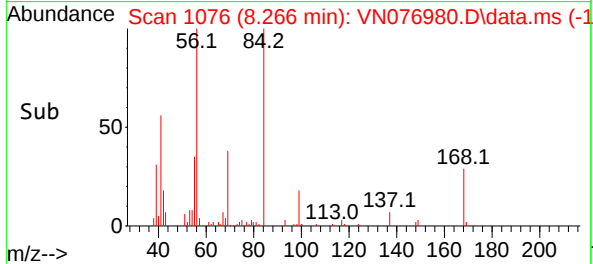
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 56 Resp: 81700
Ion Ratio Lower Upper
56 100
69 37.6 27.0 40.6
84 96.8 82.9 124.3

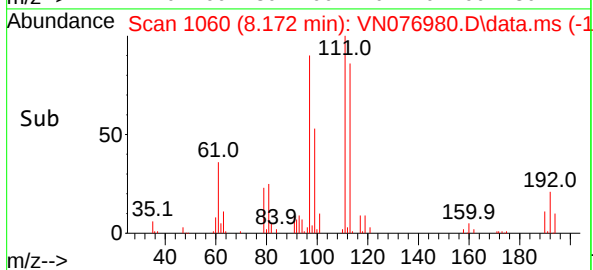
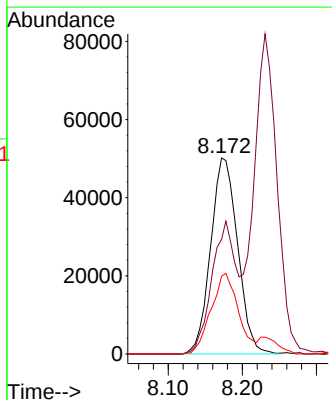
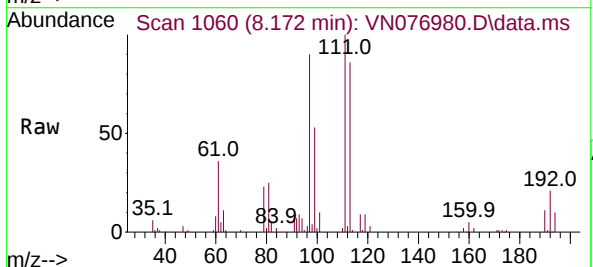
Manual Integrations
APPROVED

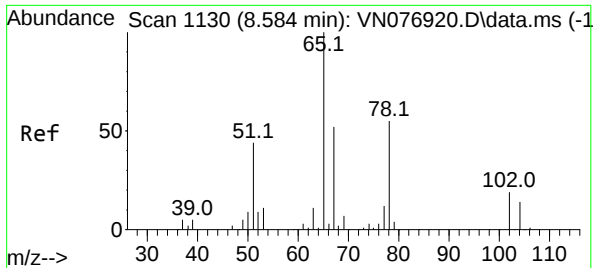
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#32
1,1,1-Trichloroethane
Concen: 22.013 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 97 Resp: 126739
Ion Ratio Lower Upper
97 100
99 59.7 51.2 76.8
61 41.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.562 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 65 Resp: 19244

Ion Ratio Lower Upper

65 100

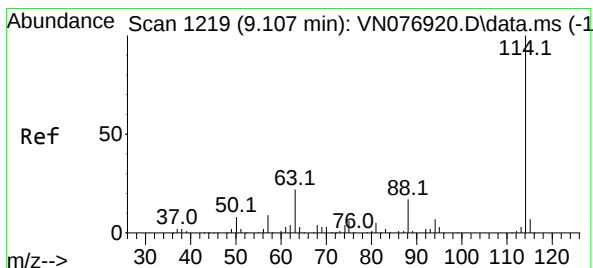
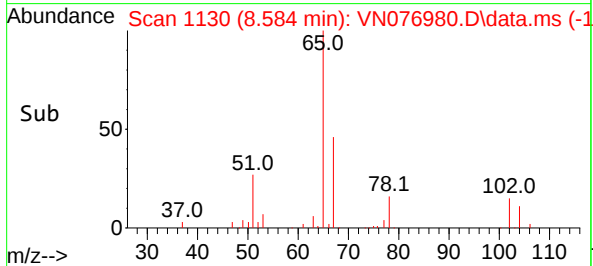
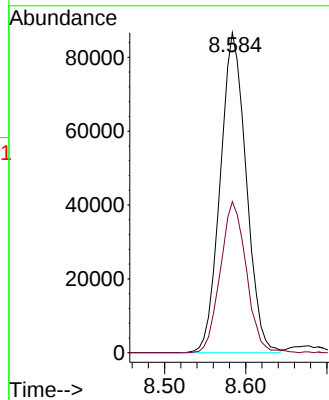
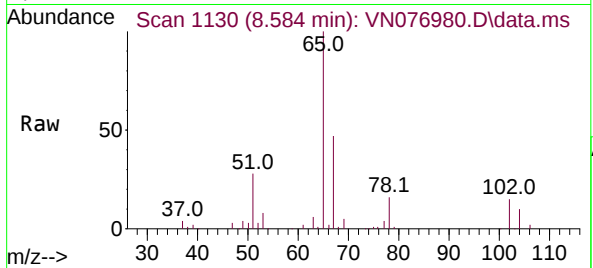
67 47.1 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

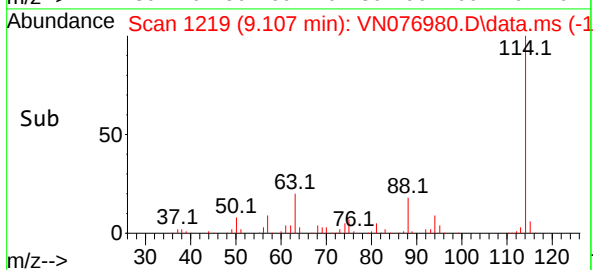
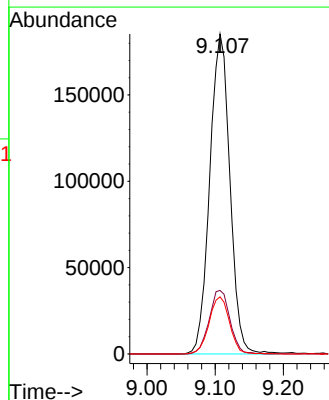
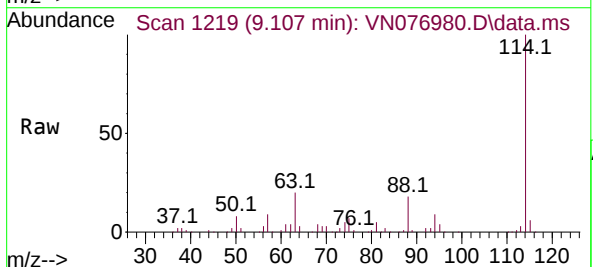
Tgt Ion:114 Resp: 381271

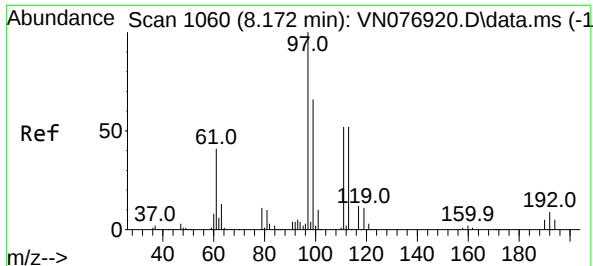
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 17.9 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.653 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 113 Resp: 123630

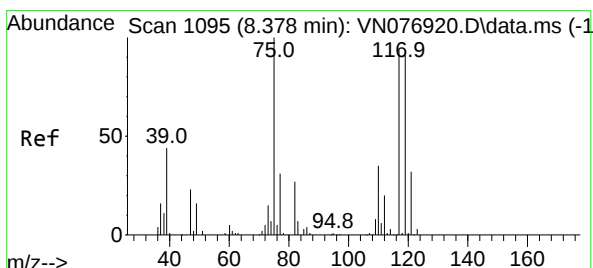
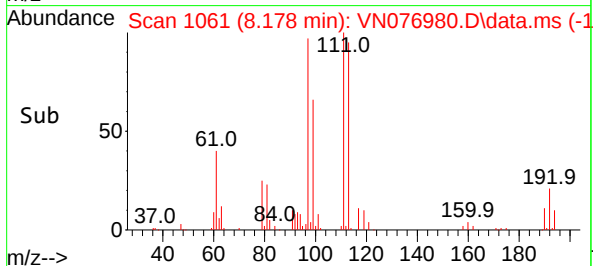
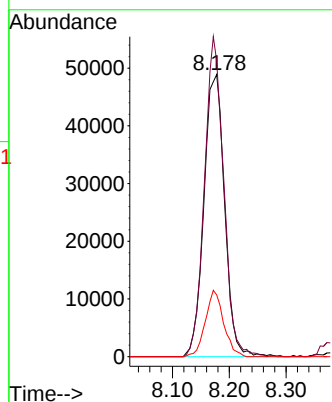
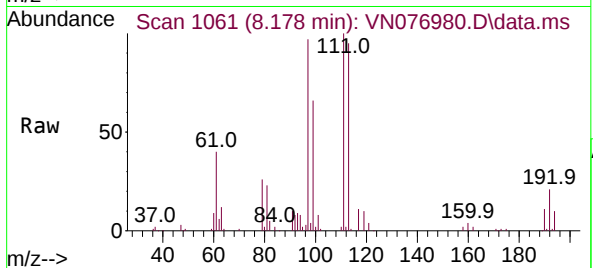
Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.8	122.8
192	20.8	13.9	20.9

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/15/2023

Supervised By : Mahesh Dadoda 03/15/2023



#36

1,1-Dichloropropene

Concen: 20.306 ug/l

RT: 8.372 min Scan# 1094

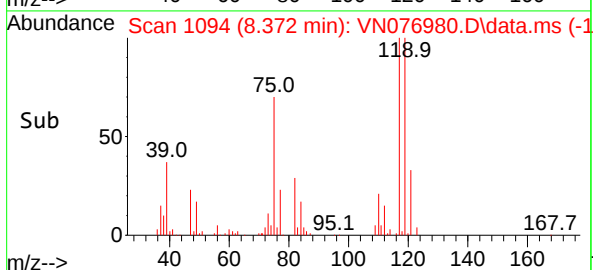
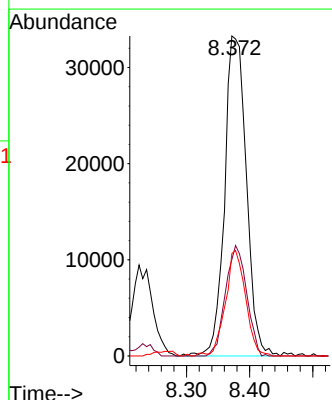
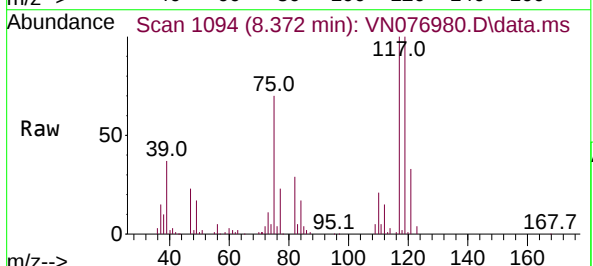
Delta R.T. -0.006 min

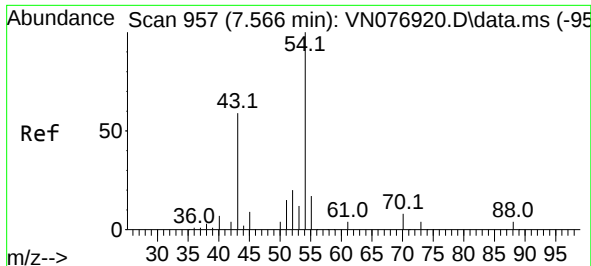
Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Tgt Ion: 75 Resp: 79804

Ion	Ratio	Lower	Upper
75	100		
110	33.6	18.9	56.9
77	30.2	24.9	37.3





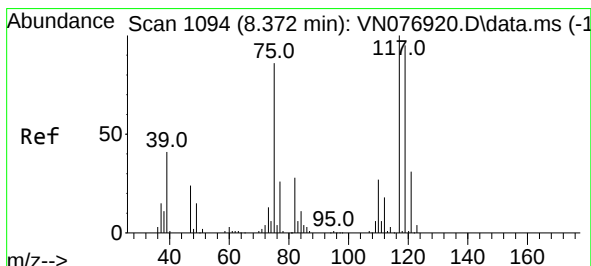
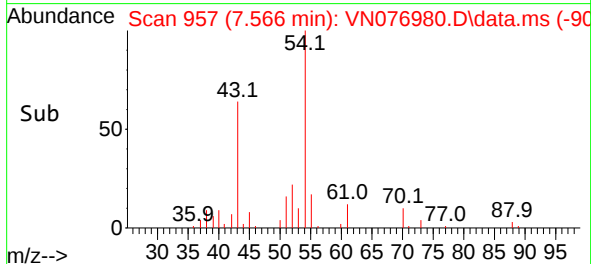
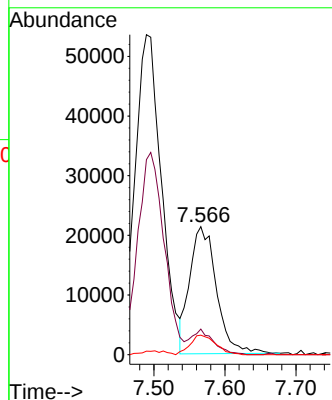
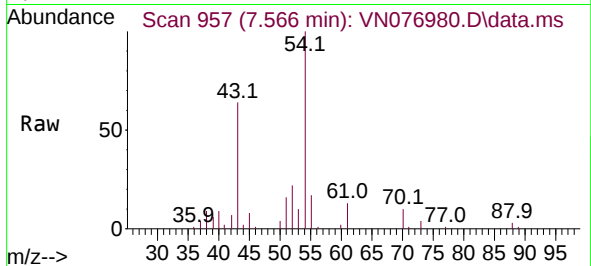
#37
Ethyl Acetate
Concen: 17.733 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 43 Resp: 5573
Ion Ratio Lower Upper
43 100
61 16.9 13.5 20.3
70 14.7 11.0 16.6

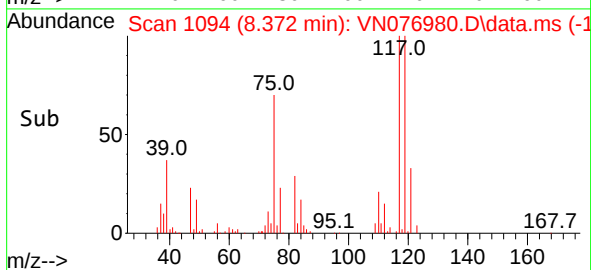
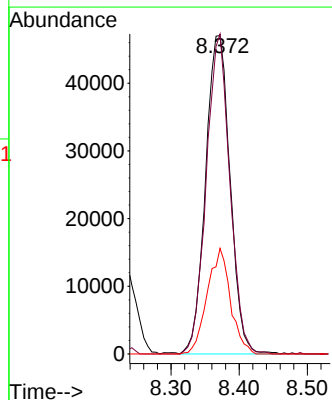
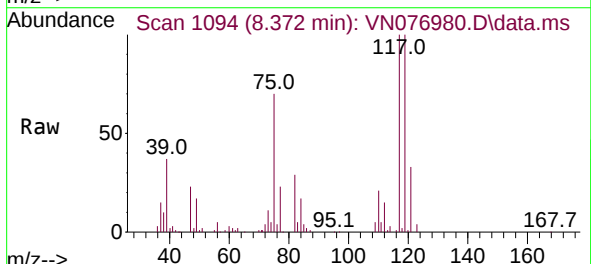
Manual Integrations
APPROVED

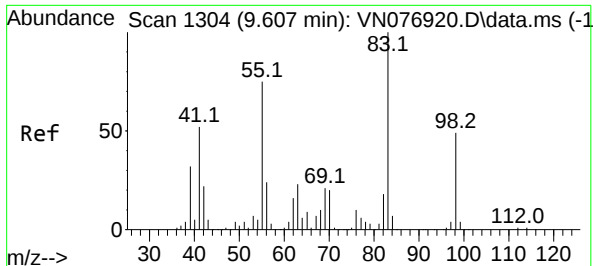
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#38
Carbon Tetrachloride
Concen: 25.643 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion:117 Resp: 117948
Ion Ratio Lower Upper
117 100
119 100.5 76.9 115.3
121 33.1 23.2 34.8





#39

Methylcyclohexane

Concen: 18.954 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 83 Resp: 9042

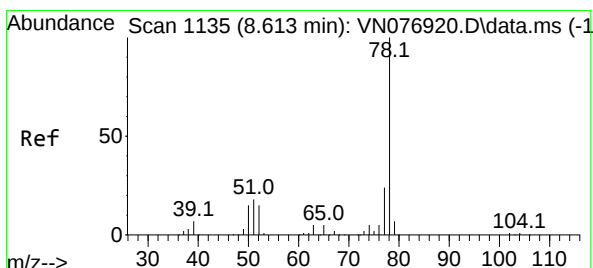
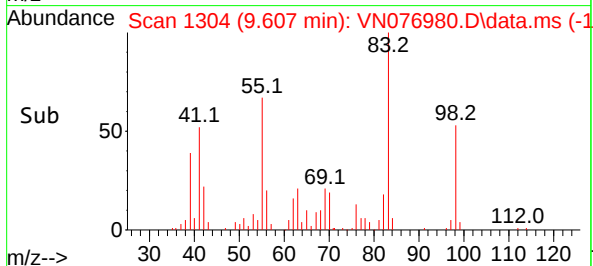
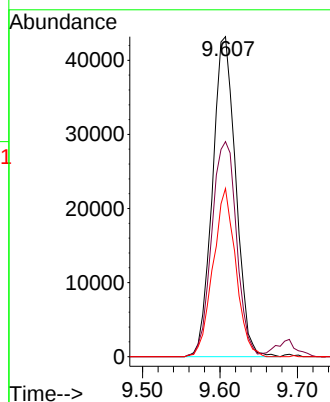
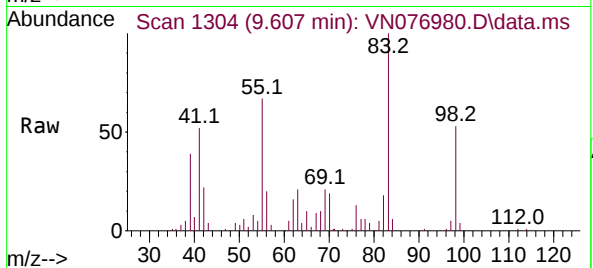
Ion	Ratio	Lower	Upper
83	100		
55	67.2	47.0	70.4
98	52.6	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 18.703 ug/l

RT: 8.613 min Scan# 1135

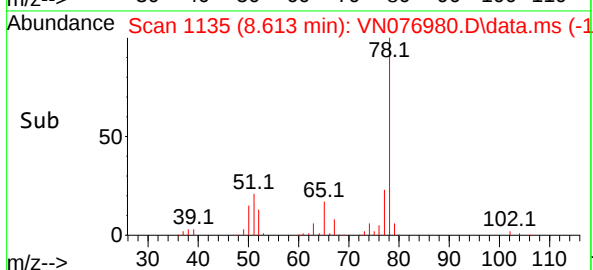
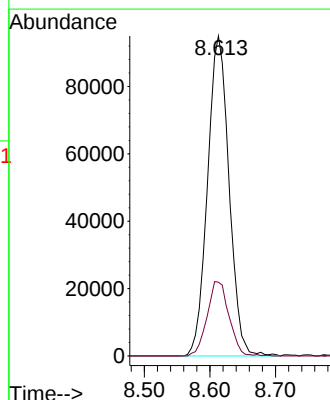
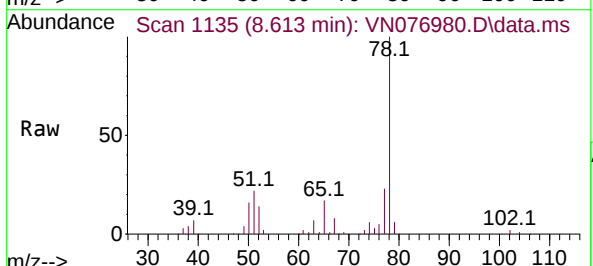
Delta R.T. -0.000 min

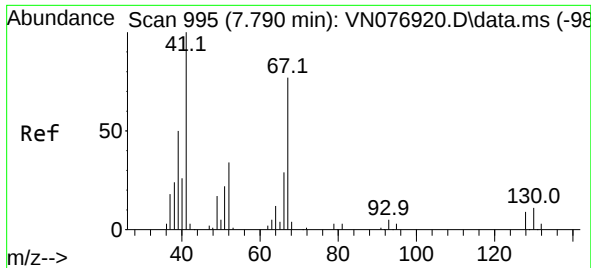
Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Tgt Ion: 78 Resp: 216662

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9





#41
Methacrylonitrile
Concen: 17.037 ug/l
RT: 7.790 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

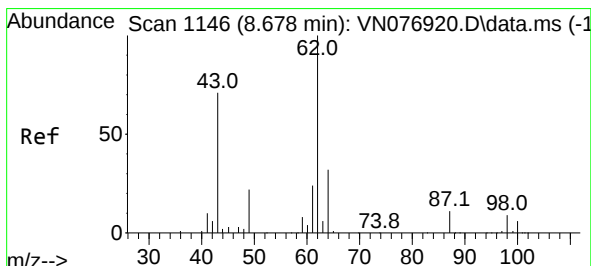
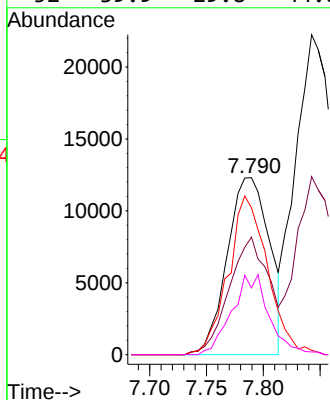
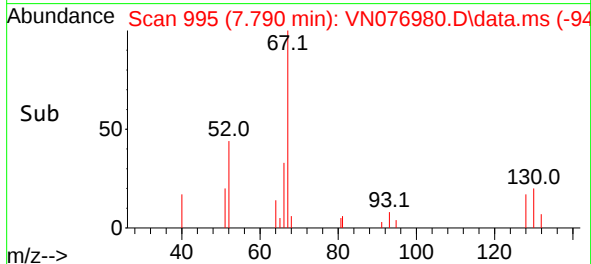
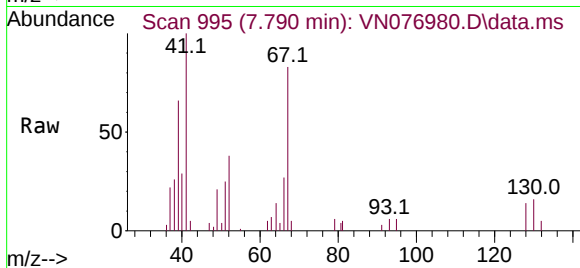
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 41 Resp: 3186

Ion	Ratio	Lower	Upper
41	100		
39	62.4	43.4	65.0
67	83.7	78.6	118.0
52	39.9	29.8	44.8

Manual Integrations
APPROVED

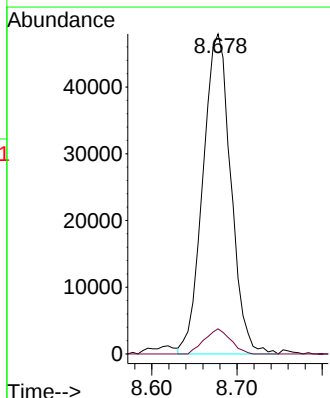
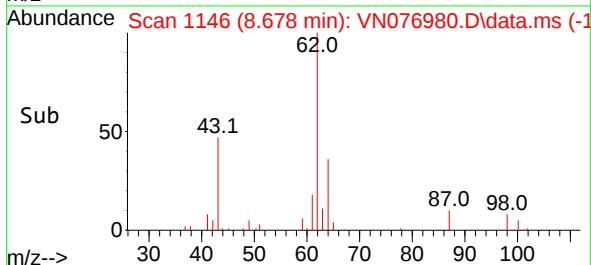
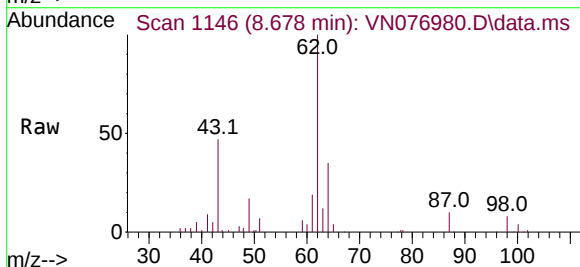
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

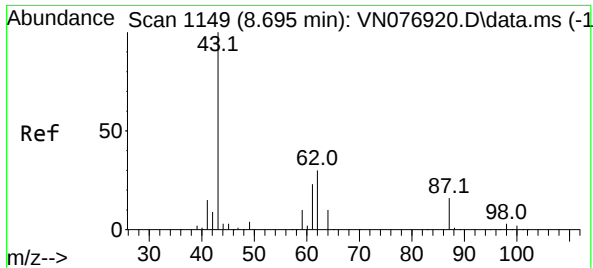


#42
1,2-Dichloroethane
Concen: 24.183 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 62 Resp: 109273

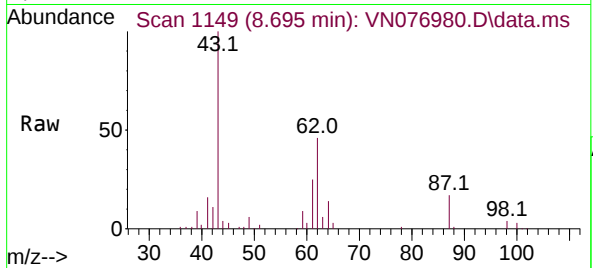
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	21.8





#43
Isopropyl Acetate
Concen: 18.306 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

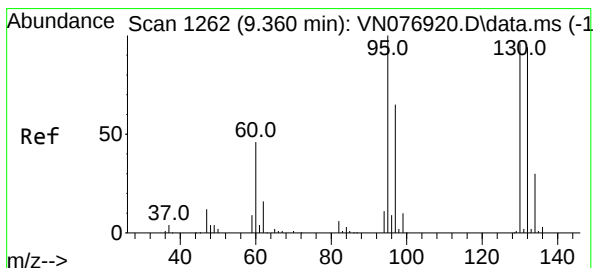
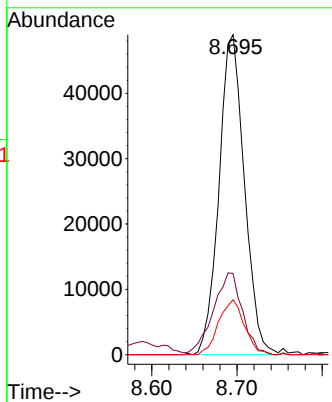
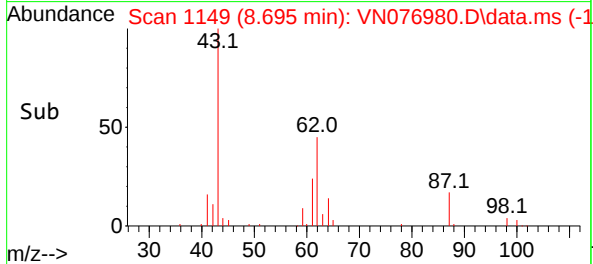
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



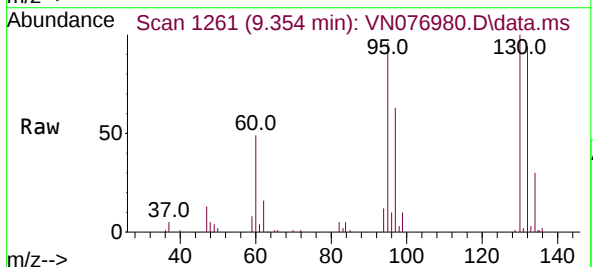
Tgt Ion: 43 Resp: 101564
Ion Ratio Lower Upper
43 100
61 29.3 26.2 39.2
87 17.4 14.8 22.2

Manual Integrations
APPROVED

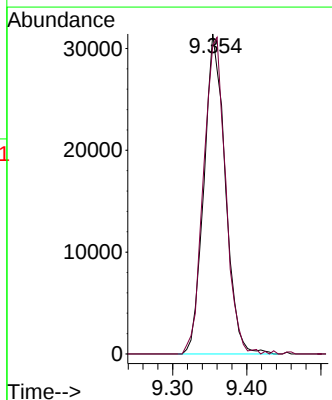
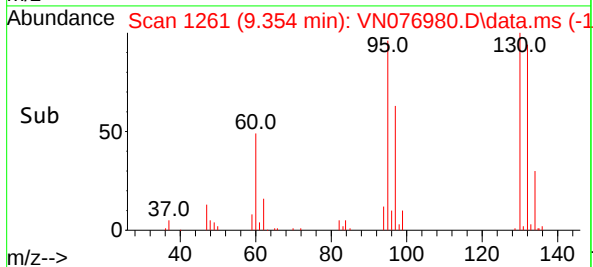
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

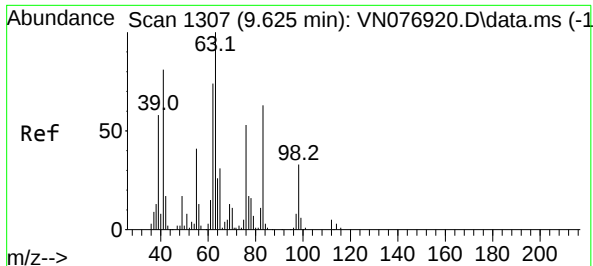


#44
Trichloroethene
Concen: 21.000 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



Tgt Ion:130 Resp: 62869
Ion Ratio Lower Upper
130 100
95 96.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 16.907 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 63 Resp: 4818

Ion Ratio Lower Upper

63 100

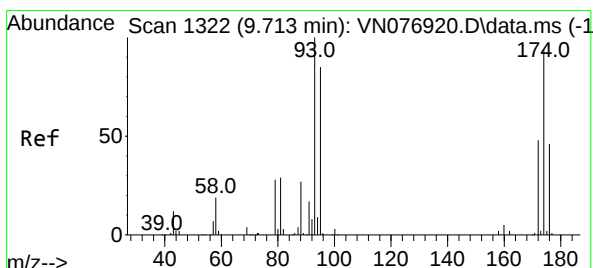
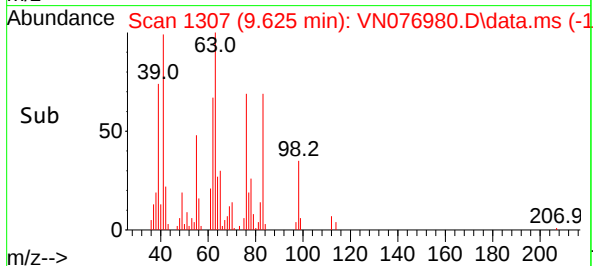
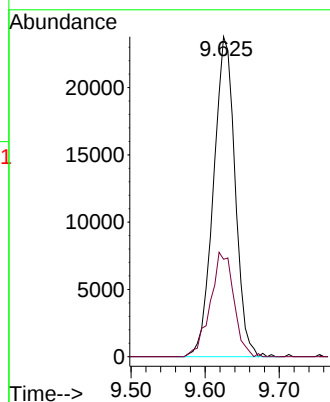
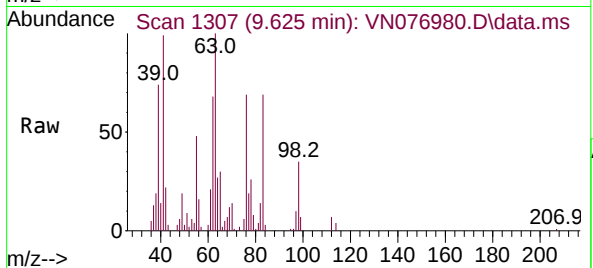
65 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 21.321 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

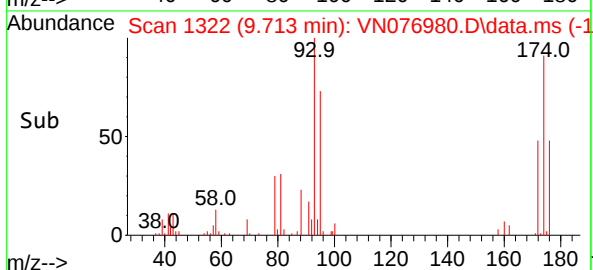
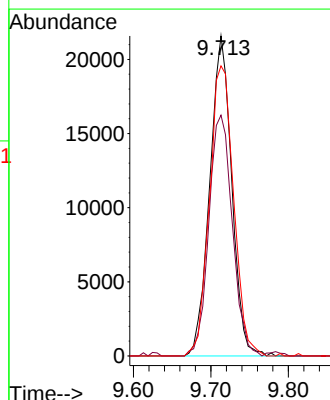
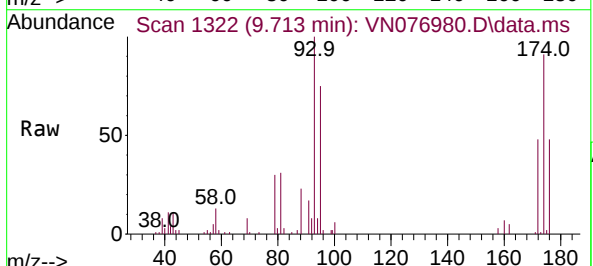
Tgt Ion: 93 Resp: 42440

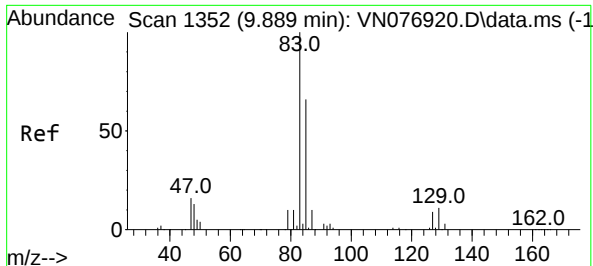
Ion Ratio Lower Upper

93 100

95 80.6 65.7 98.5

174 99.6 69.3 103.9





#47

Bromodichloromethane

Concen: 23.150 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

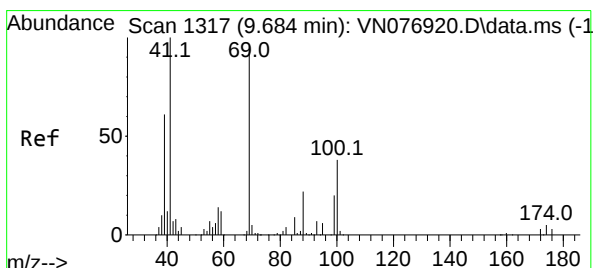
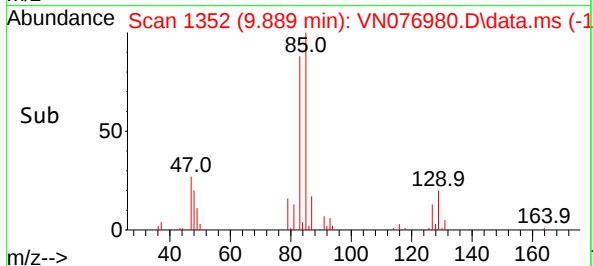
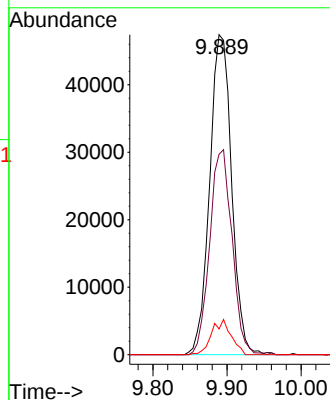
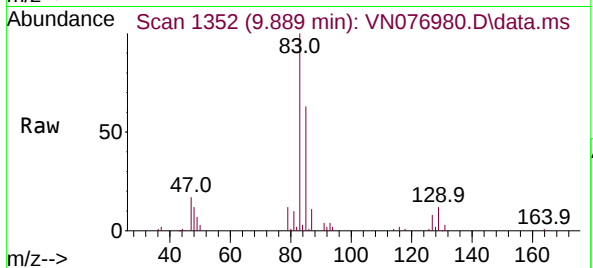
Tgt Ion:	83	Resp:	9776
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.6	78.8
127	8.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#48

Methyl methacrylate

Concen: 18.122 ug/l

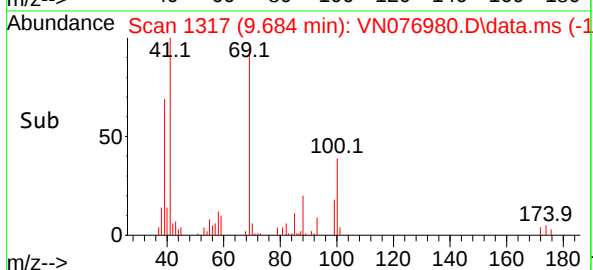
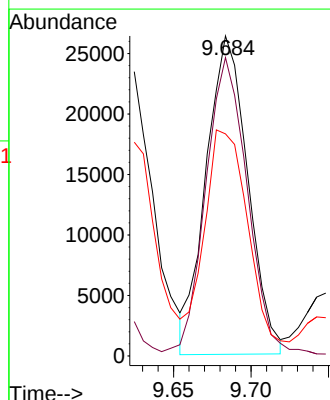
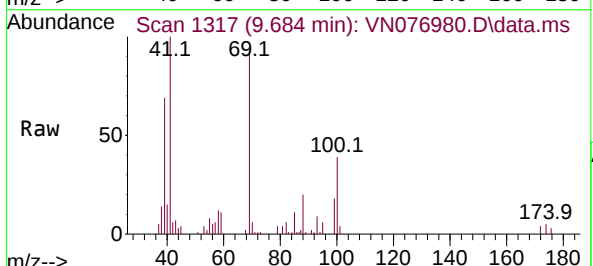
RT: 9.684 min Scan# 1317

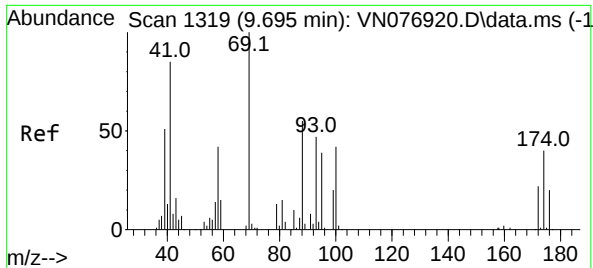
Delta R.T. -0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Tgt Ion:	41	Resp:	49262
Ion	Ratio	Lower	Upper
41	100		
69	94.7	92.6	139.0
39	76.4	51.4	77.0





#49

1,4-Dioxane

Concen: 410.044 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 88 Resp: 21100

Ion Ratio Lower Upper

88 100

43 27.6 15.3 22.9

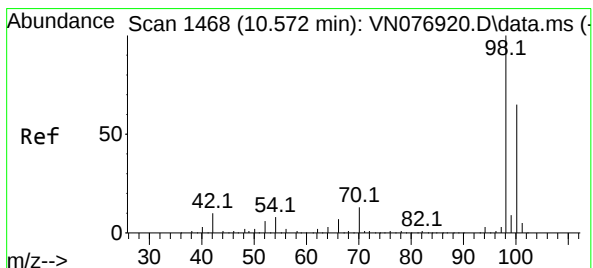
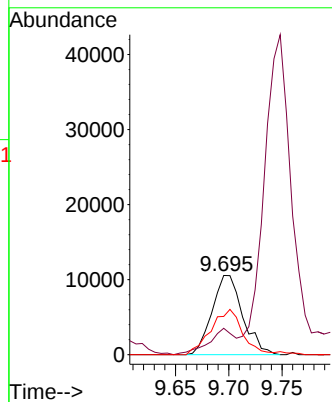
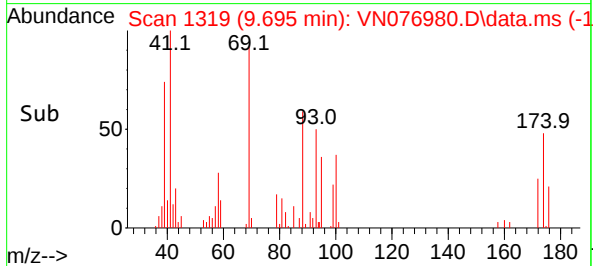
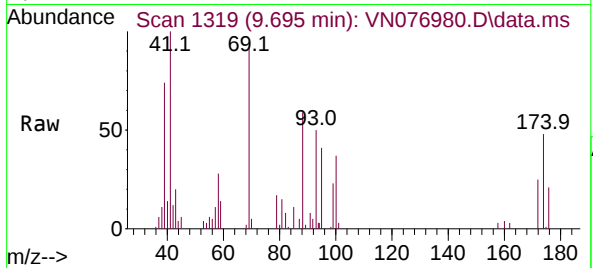
58 60.6 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 46.792 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076980.D

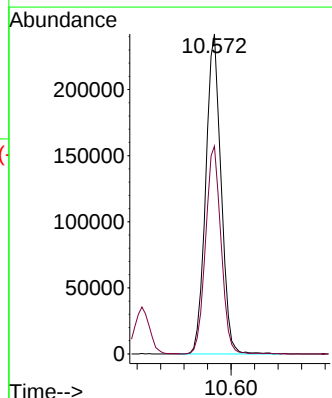
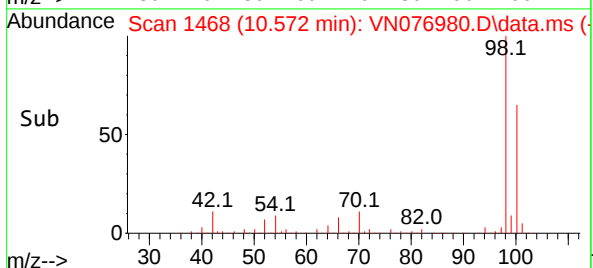
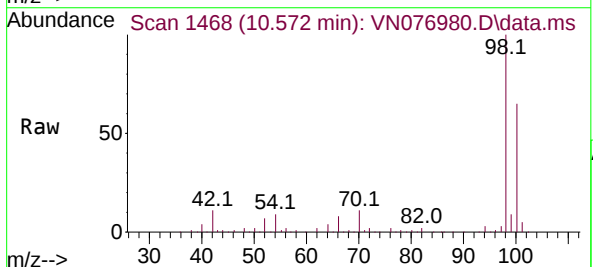
Acq: 14 Mar 2023 14:20

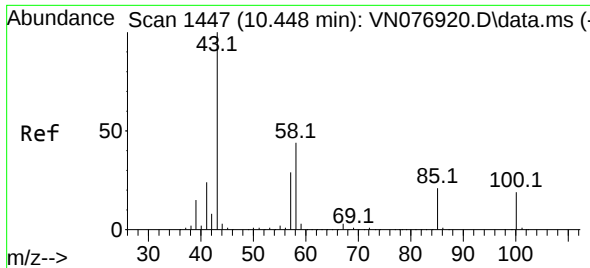
Tgt Ion: 98 Resp: 438202

Ion Ratio Lower Upper

98 100

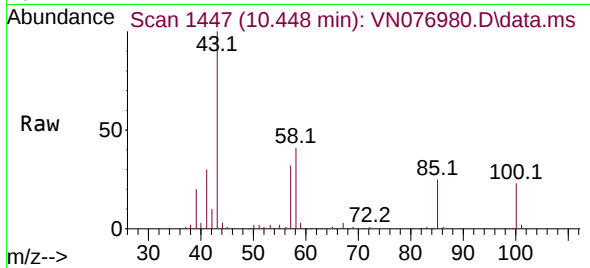
100 65.7 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 84.193 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

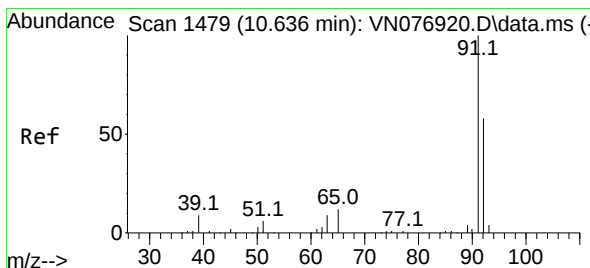
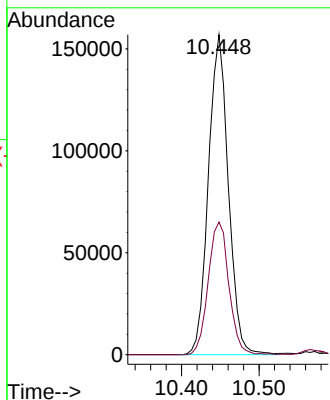
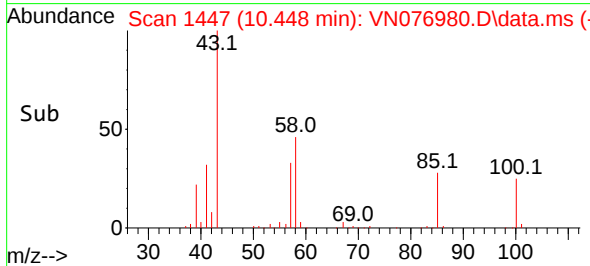
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



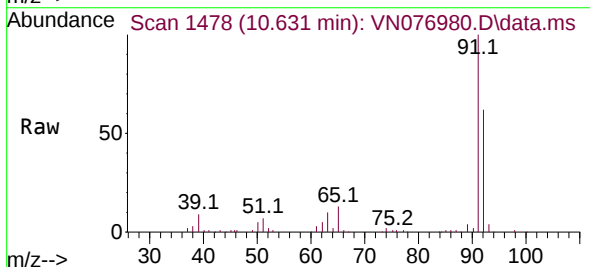
Tgt Ion: 43 Resp: 280598
Ion Ratio Lower Upper
43 100
58 43.1 37.4 56.0

Manual Integrations
APPROVED

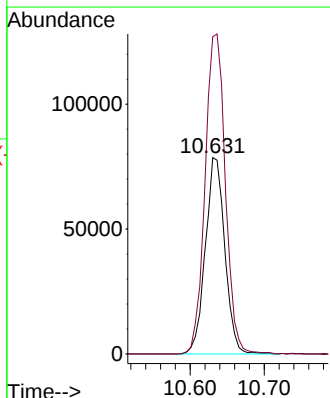
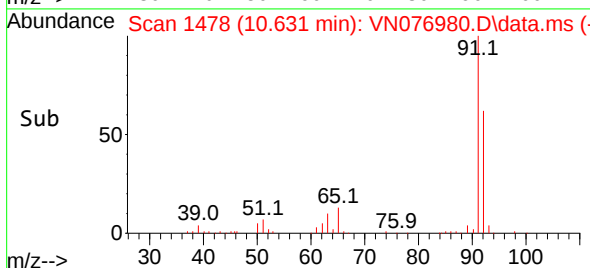
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

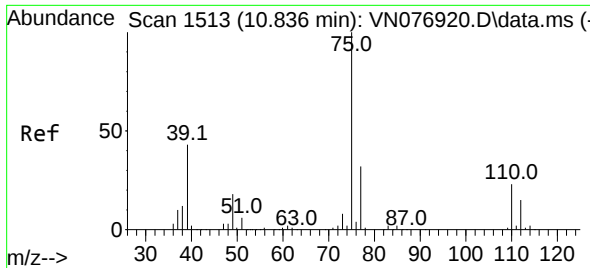


#52
Toluene
Concen: 20.179 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



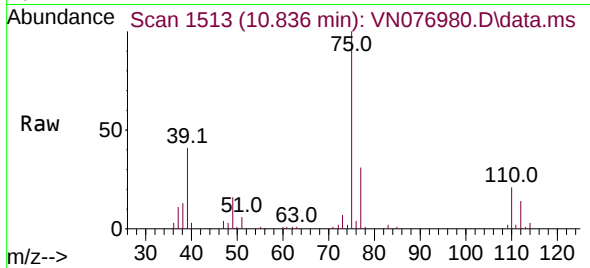
Tgt Ion: 92 Resp: 143869
Ion Ratio Lower Upper
92 100
91 169.6 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 23.366 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

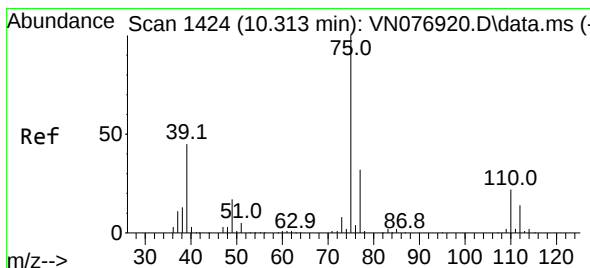
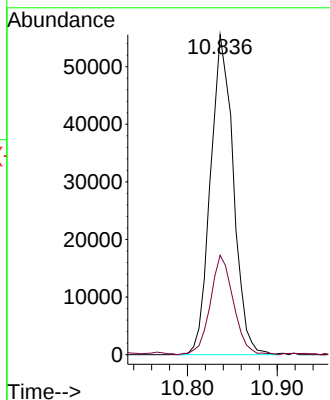
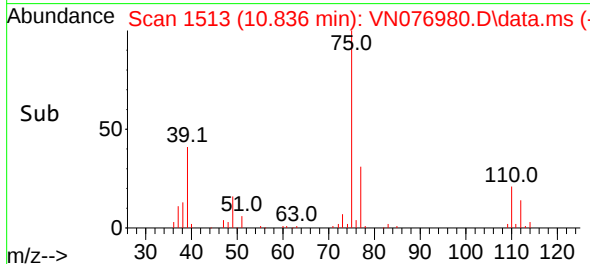
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



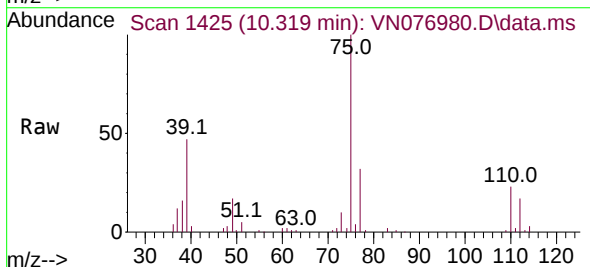
Tgt Ion: 75 Resp: 98372
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6

Manual Integrations
APPROVED

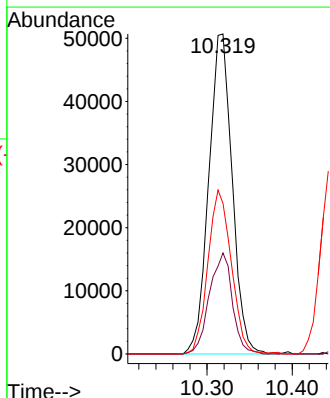
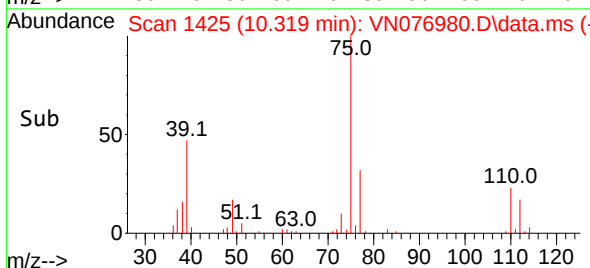
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

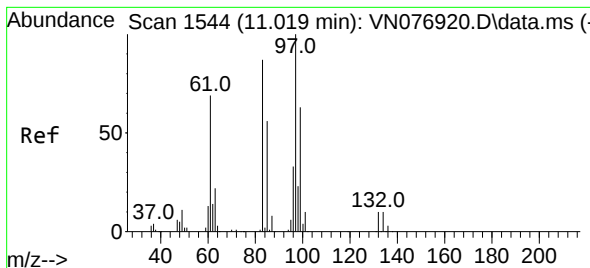


#54
cis-1,3-Dichloropropene
Concen: 20.933 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



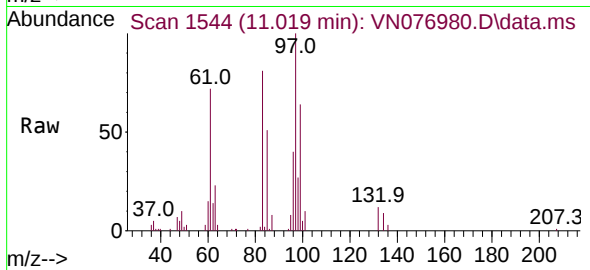
Tgt Ion: 75 Resp: 96786
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
39 47.1 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 20.210 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

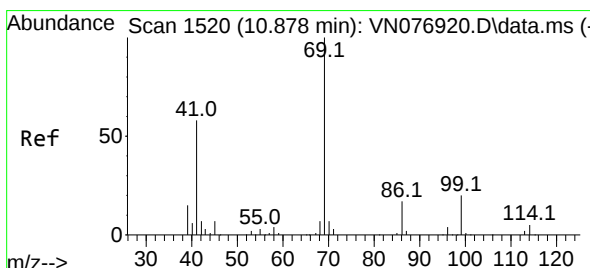
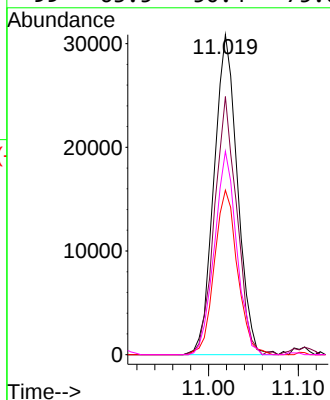
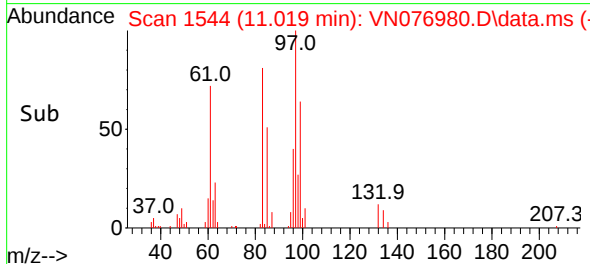
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 97 Resp: 5606
Ion Ratio Lower Upper
97 100
83 80.7 67.1 100.7
85 51.4 41.8 62.8
99 63.5 50.4 75.6

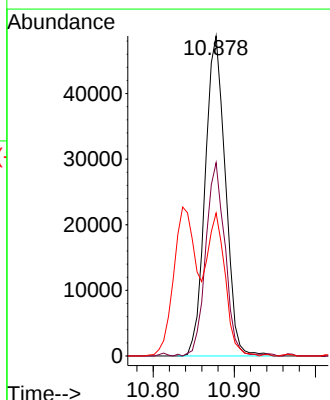
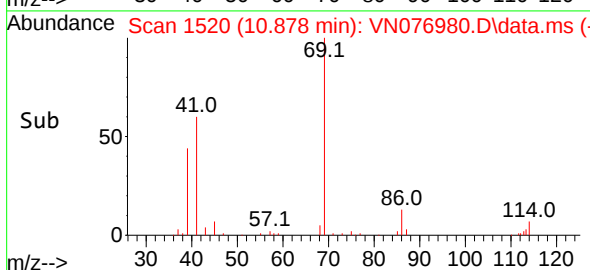
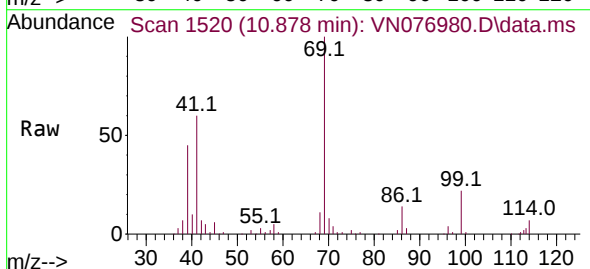
Manual Integrations
APPROVED

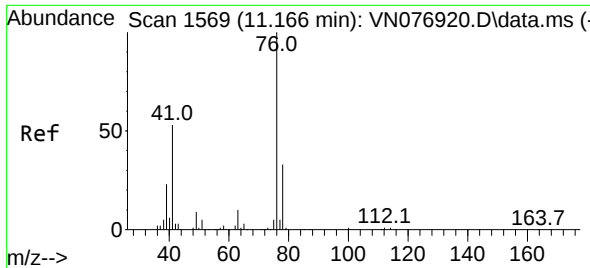
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#56
Ethyl methacrylate
Concen: 20.022 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

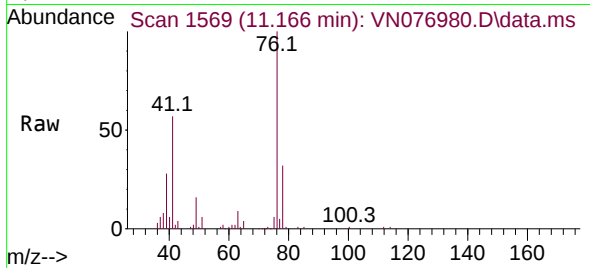
Tgt Ion: 69 Resp: 84244
Ion Ratio Lower Upper
69 100
41 57.5 38.0 57.0#
39 39.3 22.4 33.6#





#57
1,3-Dichloropropane
Concen: 19.381 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

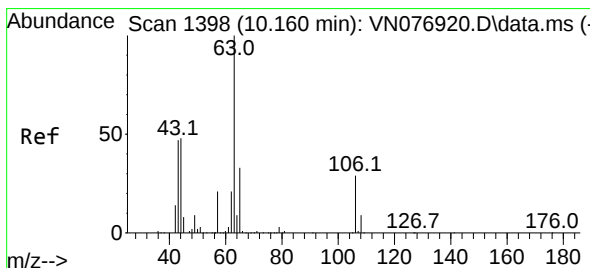
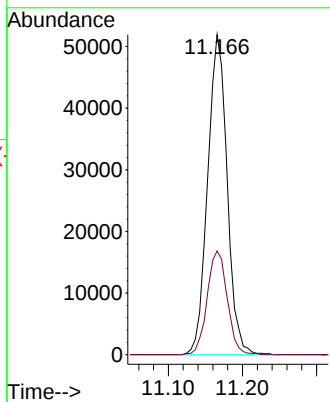
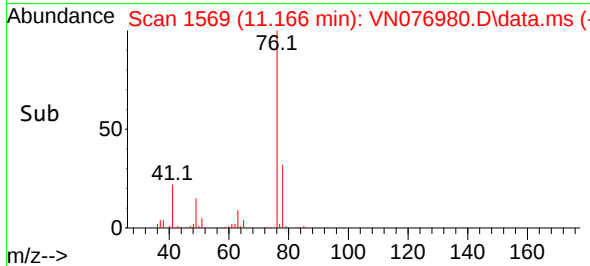
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



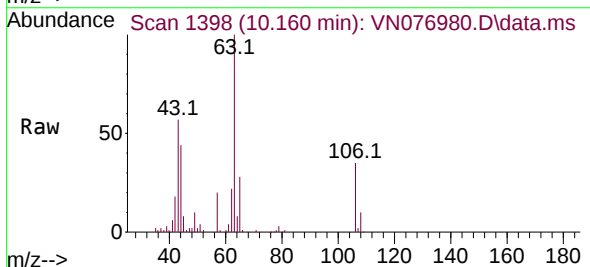
Tgt Ion: 76 Resp: 9480
Ion Ratio Lower Upper
76 100
78 33.4 26.1 39.1

Manual Integrations
APPROVED

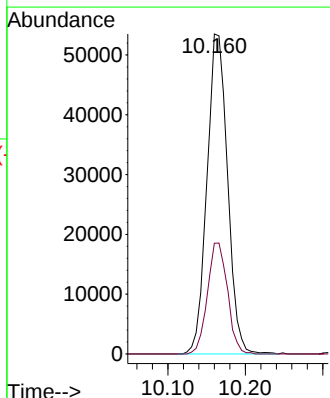
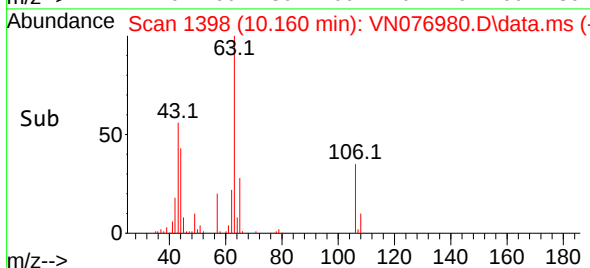
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

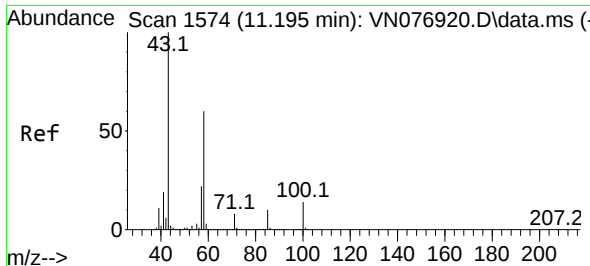


#58
2-Chloroethyl Vinyl ether
Concen: 73.839 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



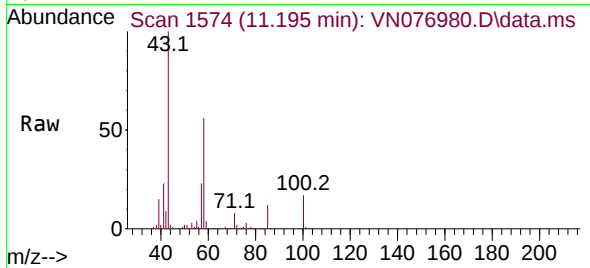
Tgt Ion: 63 Resp: 98931
Ion Ratio Lower Upper
63 100
106 33.7 25.6 38.4





#59
2-Hexanone
Concen: 87.925 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

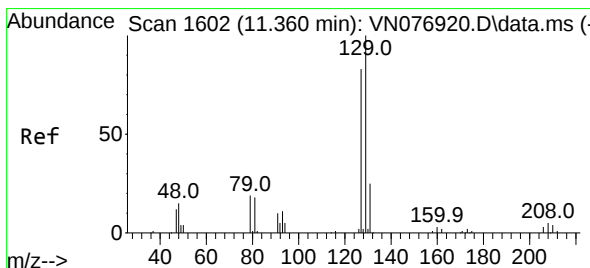
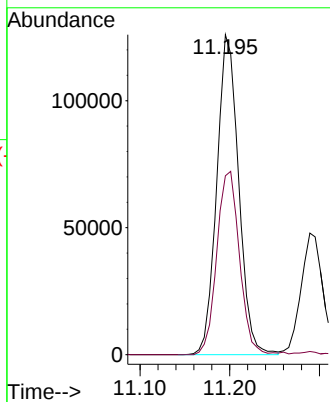
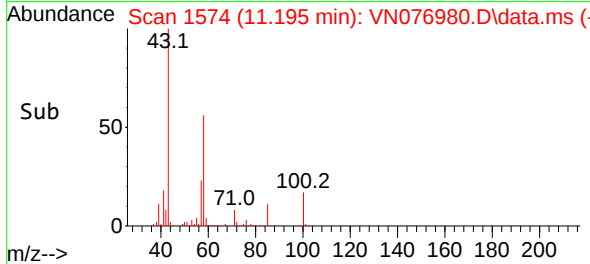
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 43 Resp: 21366
Ion Ratio Lower Upper
43 100
58 59.3 32.6 98.0

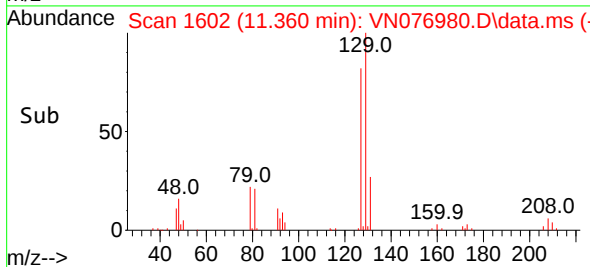
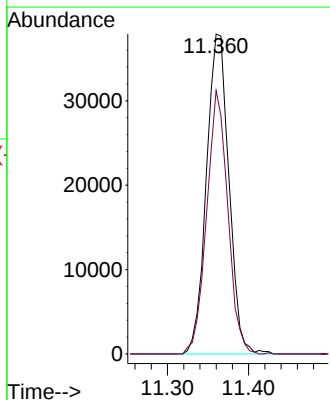
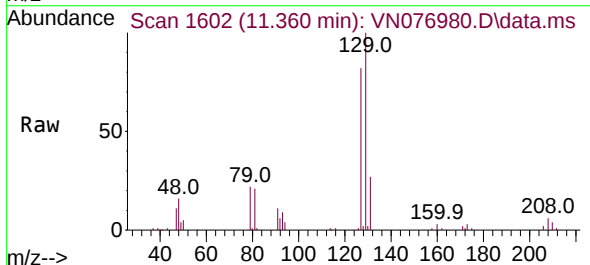
Manual Integrations
APPROVED

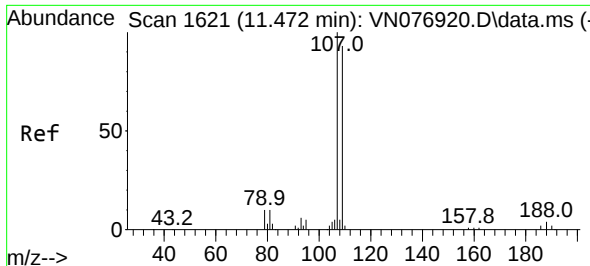
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
Dibromochloromethane
Concen: 23.870 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

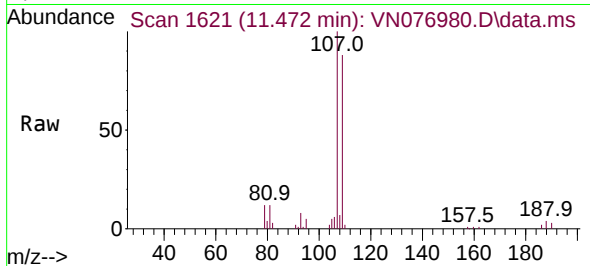
Tgt Ion:129 Resp: 72951
Ion Ratio Lower Upper
129 100
127 77.2 39.6 118.8





#61
1,2-Dibromoethane
Concen: 21.084 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

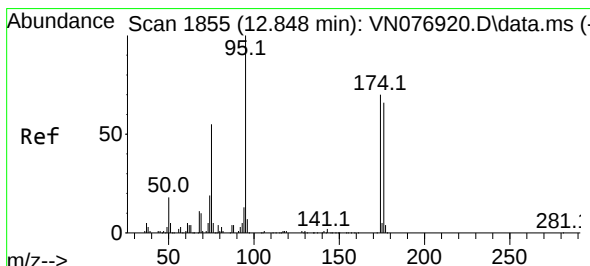
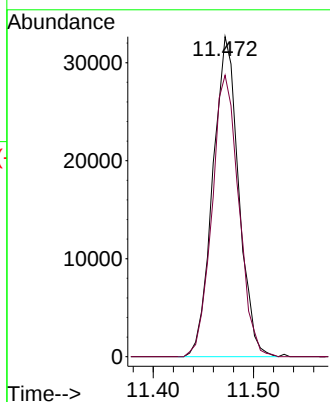
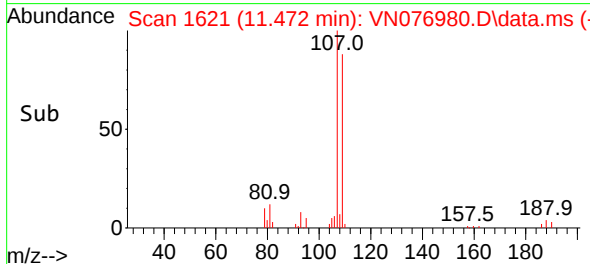
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



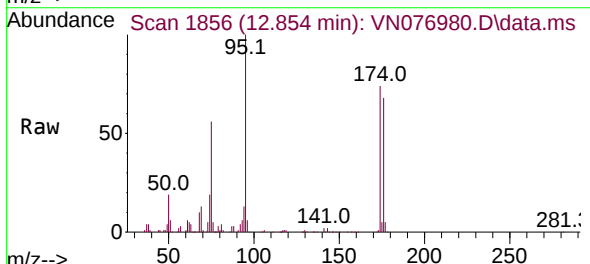
Tgt Ion:107 Resp: 58619
Ion Ratio Lower Upper
107 100
109 90.7 75.9 113.9

Manual Integrations
APPROVED

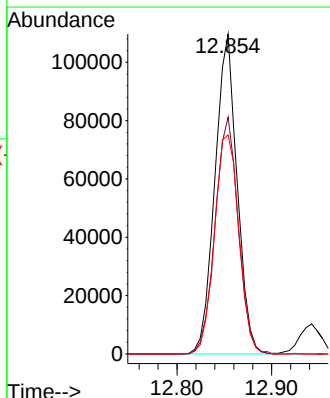
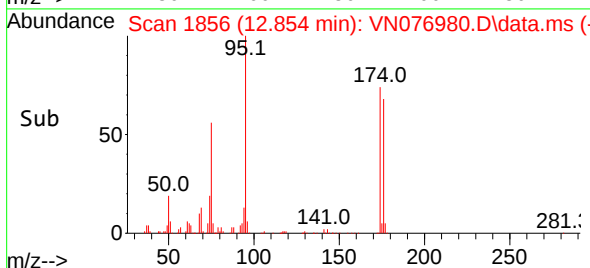
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

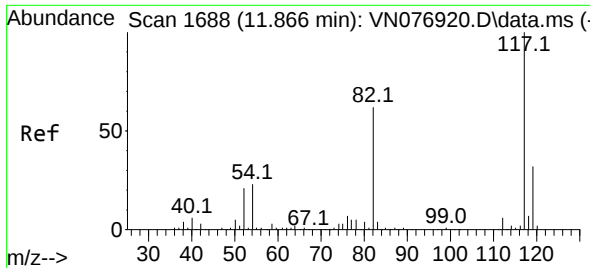


#62
4-Bromofluorobenzene
Concen: 52.144 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



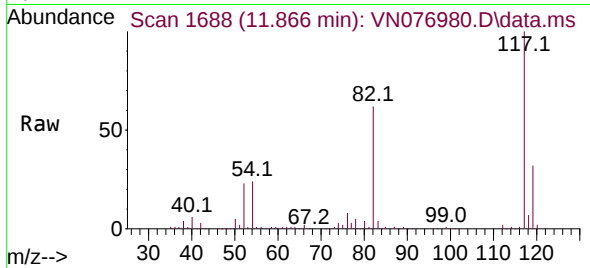
Tgt Ion: 95 Resp: 178614
Ion Ratio Lower Upper
95 100
174 76.4 0.0 162.4
176 75.6 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

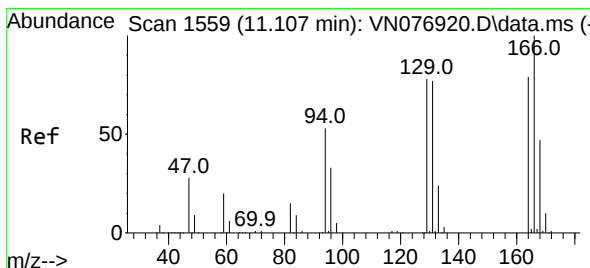
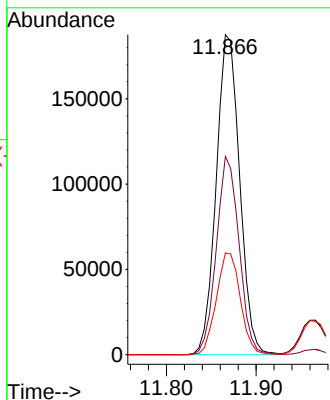
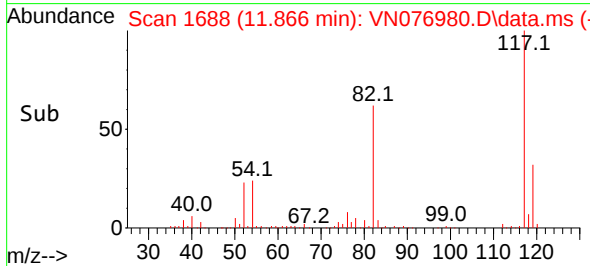
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion:117 Resp: 341364
Ion Ratio Lower Upper
117 100
82 62.0 43.5 65.3
119 31.8 25.5 38.3

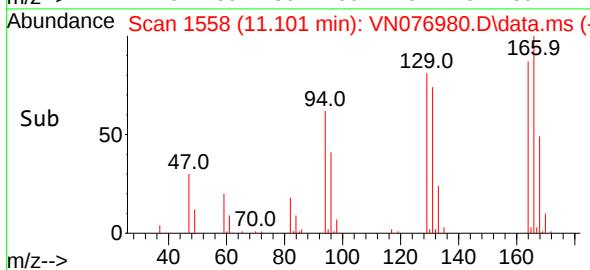
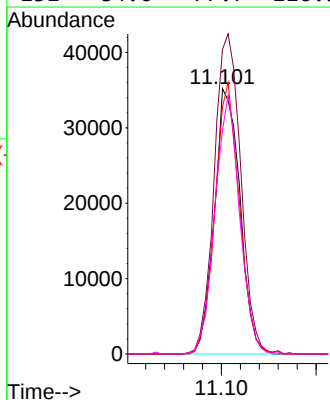
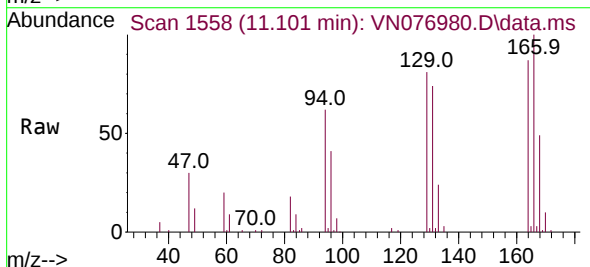
Manual Integrations
APPROVED

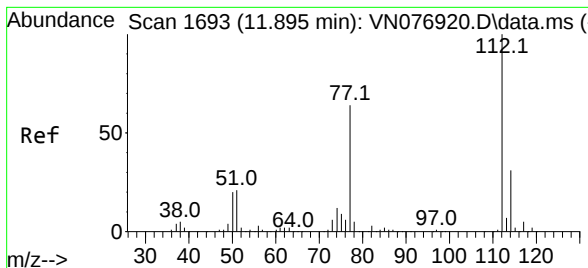
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 23.924 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

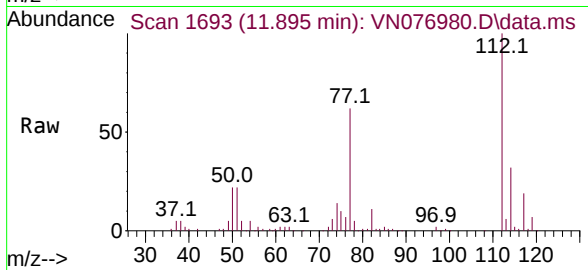
Tgt Ion:164 Resp: 66098
Ion Ratio Lower Upper
164 100
166 114.8 102.7 154.1
129 93.0 81.5 122.3
131 84.6 77.7 116.5





#65
Chlorobenzene
Concen: 20.055 ug/l
RT: 11.895 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

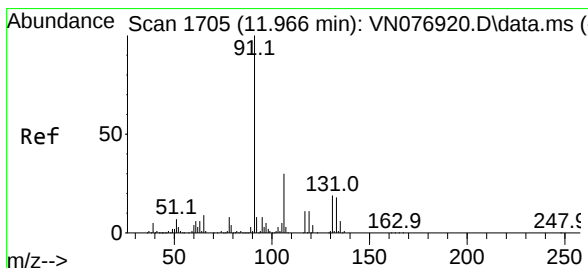
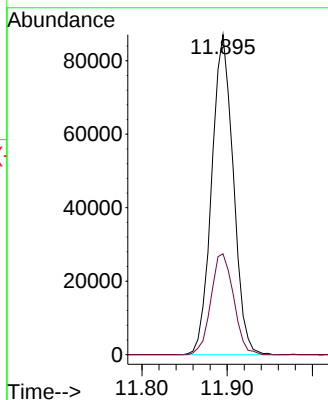
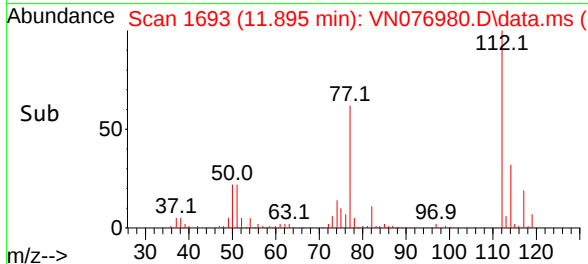
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



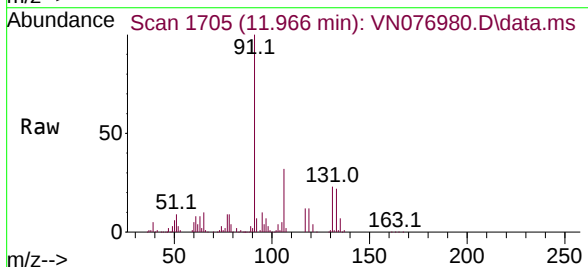
Tgt Ion:112 Resp: 153130
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

Manual Integrations
APPROVED

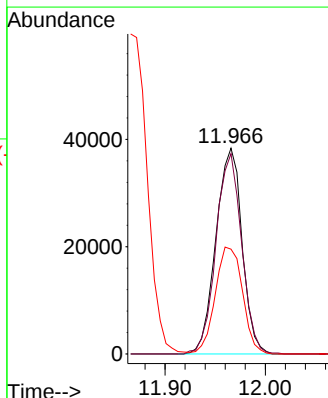
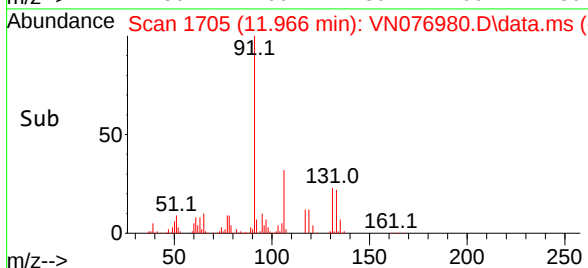
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

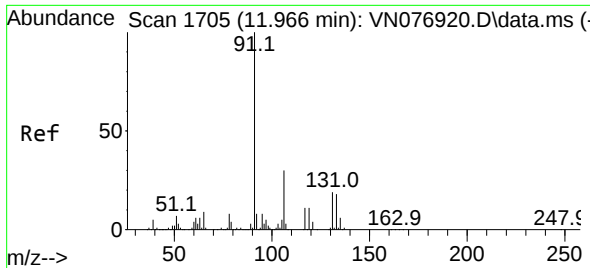


#66
1,1,1,2-Tetrachloroethane
Concen: 23.265 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



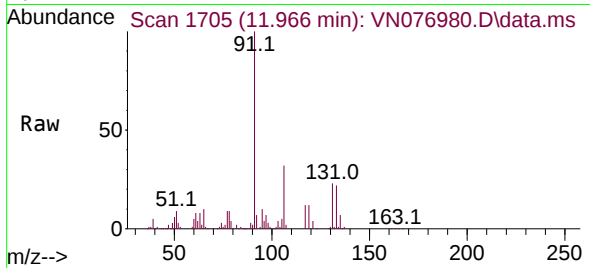
Tgt Ion:131 Resp: 69349
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.8
119 54.2 33.1 99.2





#67
Ethyl Benzene
Concen: 20.745 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

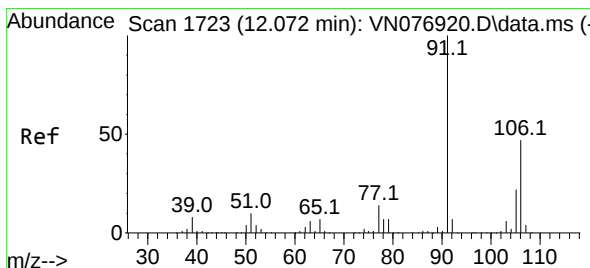
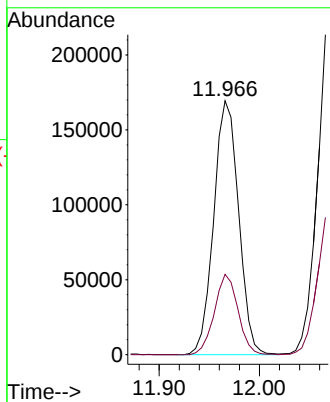
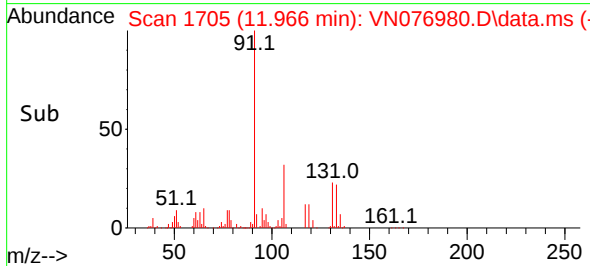
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



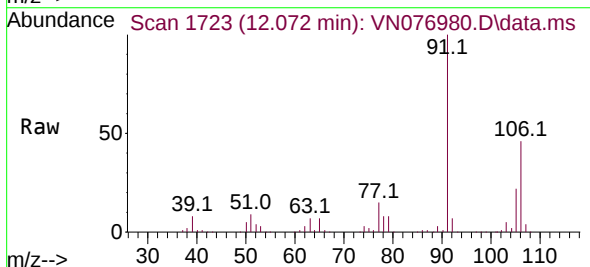
Tgt Ion: 91 Resp: 291279
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

Manual Integrations
APPROVED

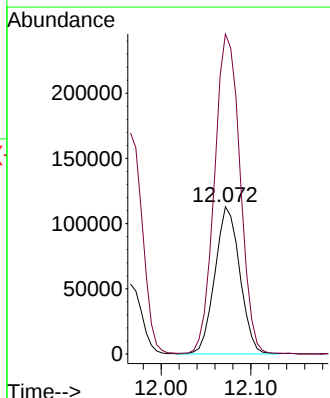
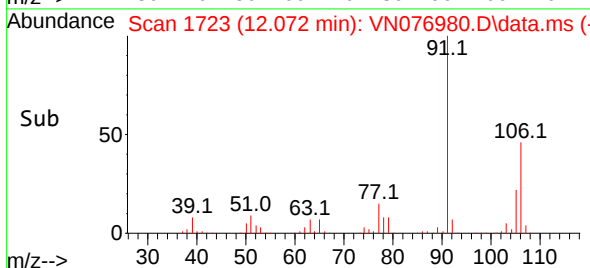
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

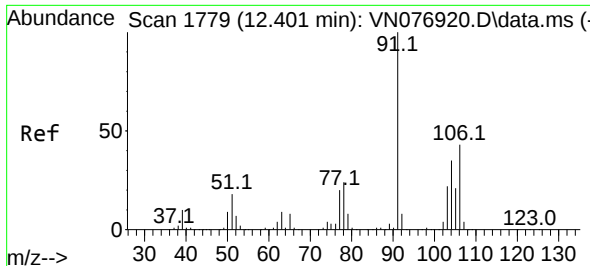


#68
m/p-Xylenes
Concen: 41.233 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



Tgt Ion:106 Resp: 217595
Ion Ratio Lower Upper
106 100
91 223.8 158.0 237.0





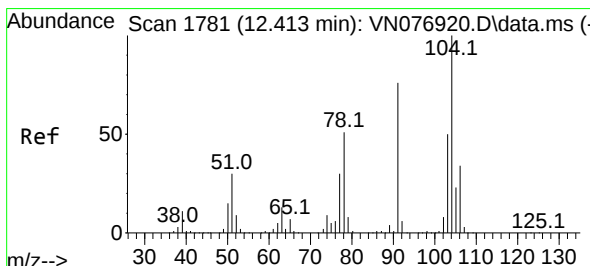
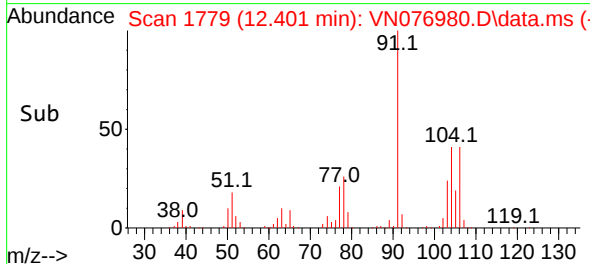
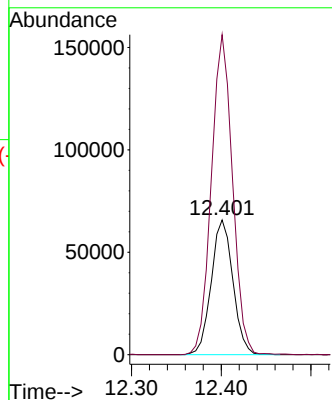
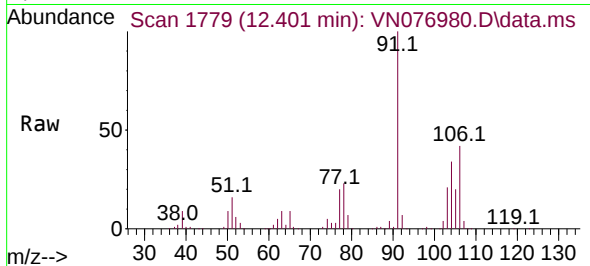
#69
o-Xylene
Concen: 21.540 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:106 Resp: 110350
Ion Ratio Lower Upper
106 100
91 231.9 101.8 305.4

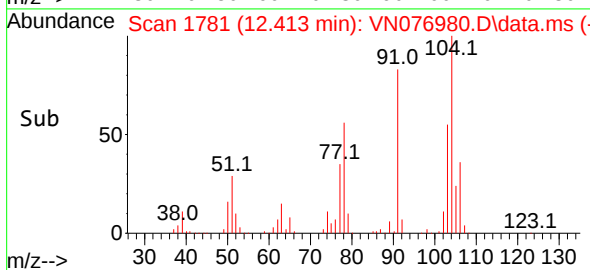
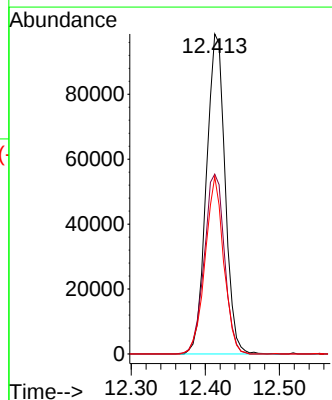
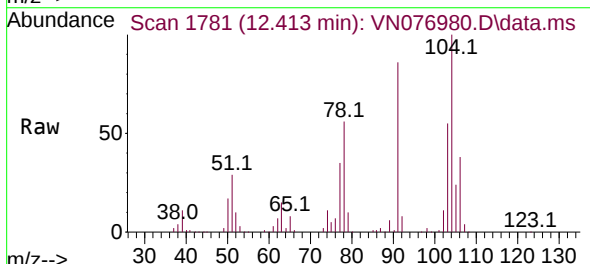
Manual Integrations
APPROVED

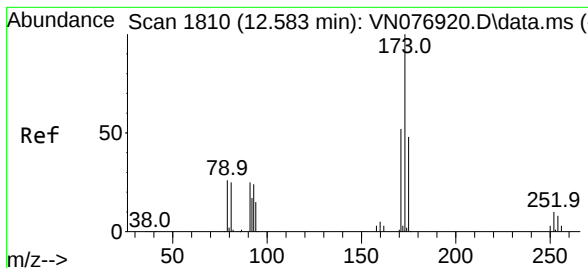
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 20.860 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion:104 Resp: 172658
Ion Ratio Lower Upper
104 100
78 61.0 36.6 55.0#
103 55.1 43.4 65.0





#71

Bromoform

Concen: 24.457 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion:173 Resp: 5283

Ion Ratio Lower Upper

173 100

175 49.8 24.9 74.6

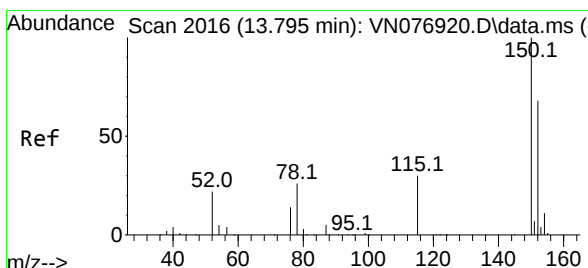
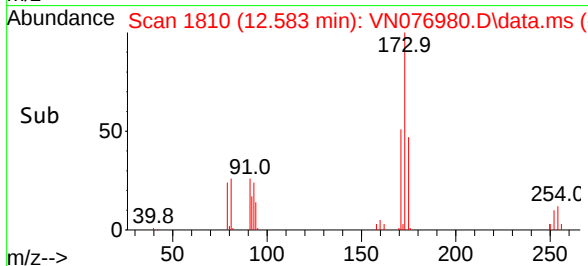
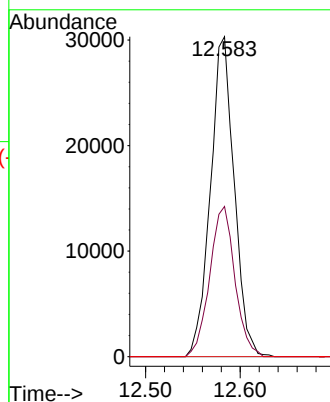
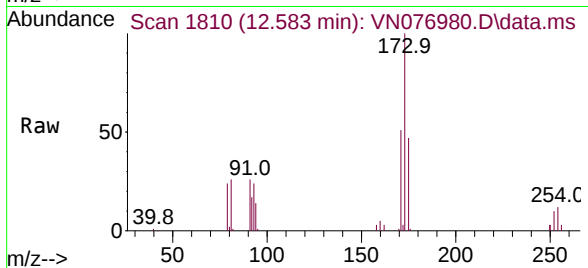
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

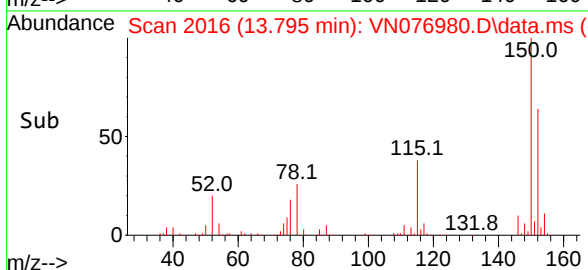
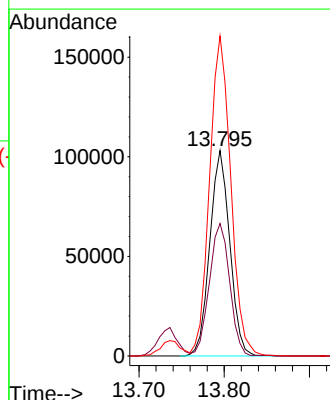
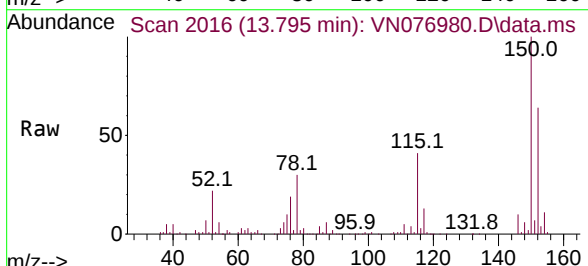
Tgt Ion:152 Resp: 167818

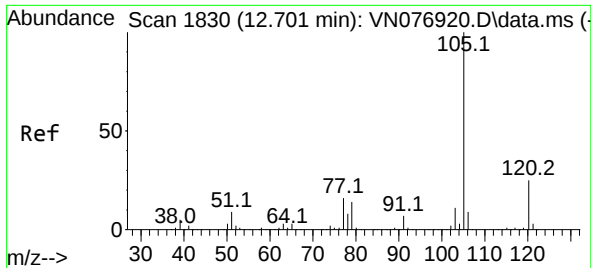
Ion Ratio Lower Upper

152 100

115 65.9 30.3 90.9

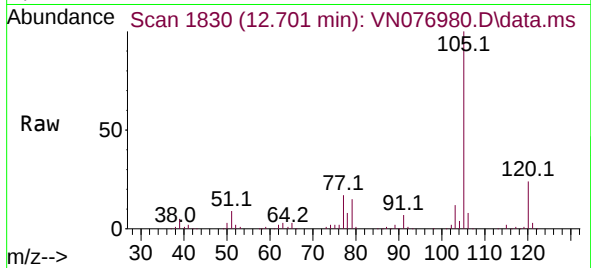
150 165.1 0.0 353.6





#73
Isopropylbenzene
Concen: 19.974 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

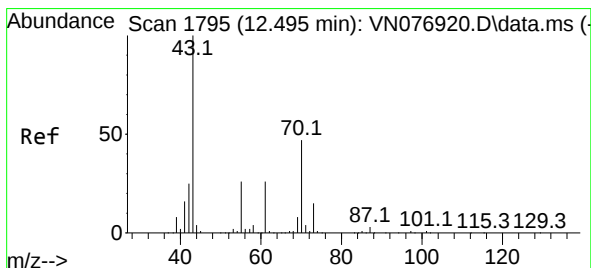
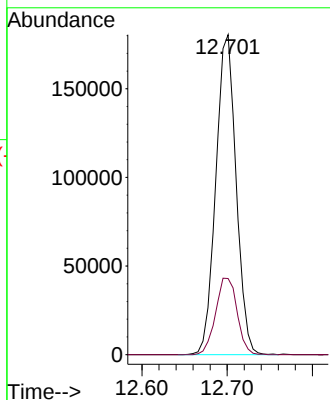
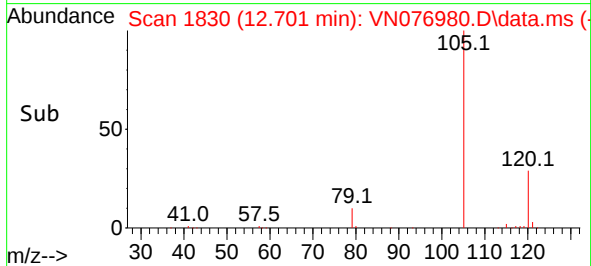
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



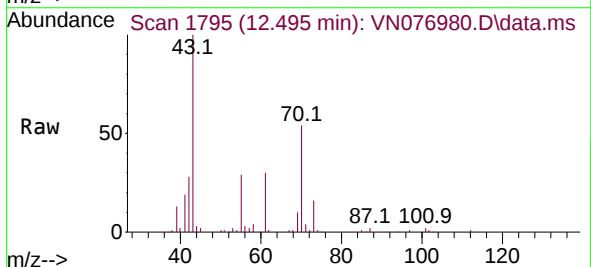
Tgt Ion:105 Resp: 29868
Ion Ratio Lower Upper
105 100
120 25.4 13.8 41.4

Manual Integrations
APPROVED

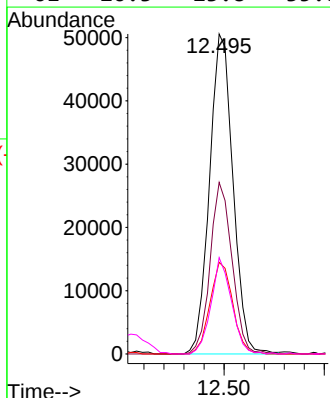
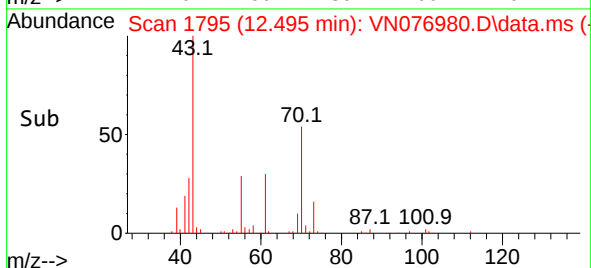
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

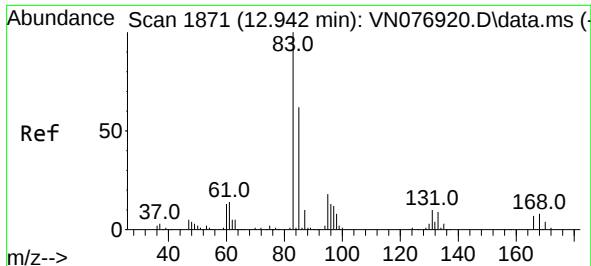


#74
N-ethyl acetate
Concen: 16.613 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



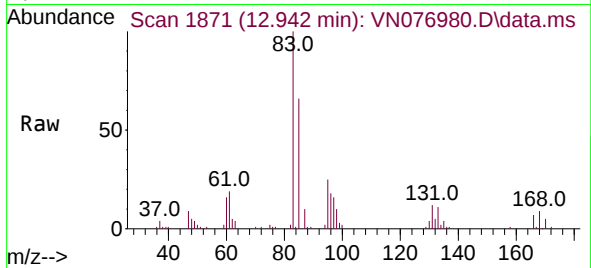
Tgt Ion: 43 Resp: 82253
Ion Ratio Lower Upper
43 100
70 50.1 46.8 70.2
55 27.8 23.4 35.2
61 26.3 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 16.085 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

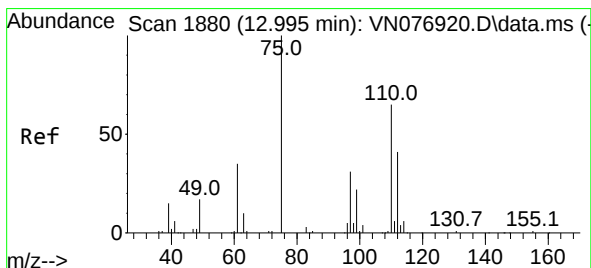
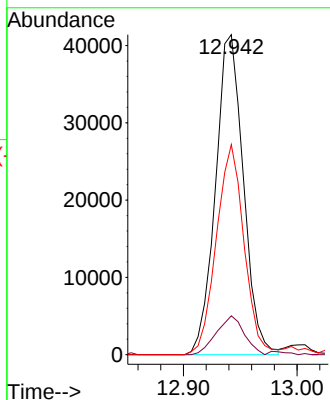
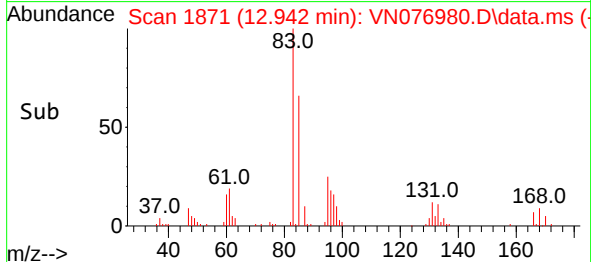
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 83 Resp: 70774
Ion Ratio Lower Upper
83 100
131 12.0 5.3 16.1
85 65.1 32.0 96.0

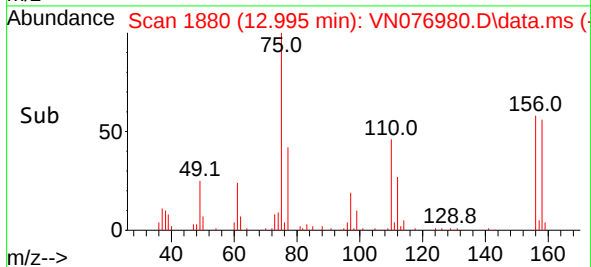
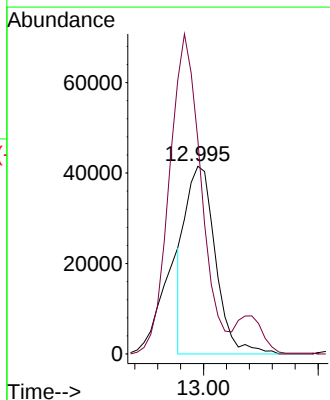
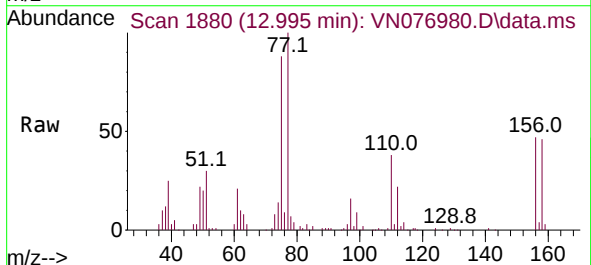
Manual Integrations
APPROVED

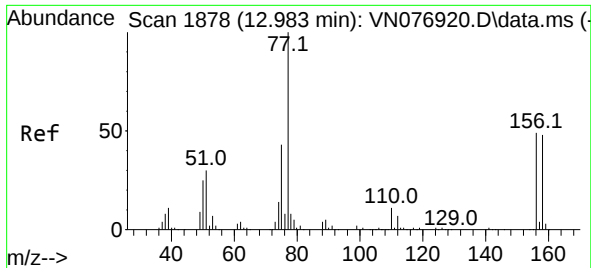
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#76
1,2,3-Trichloropropane
Concen: 18.665 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

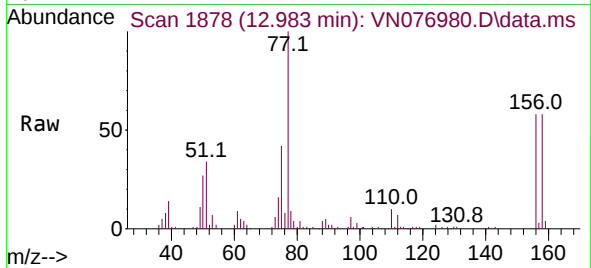
Tgt Ion: 75 Resp: 75940
Ion Ratio Lower Upper
75 100
77 180.7 93.8 281.4





#77
Bromobenzene
Concen: 20.311 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

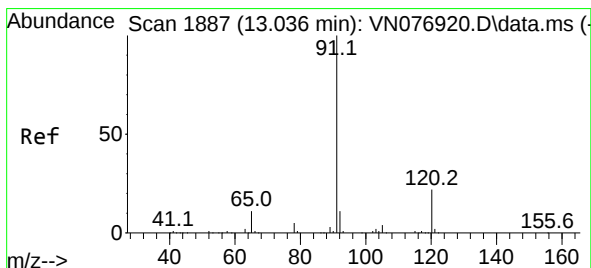
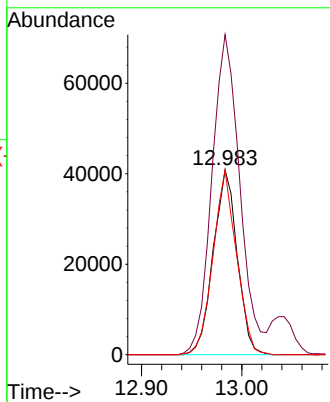
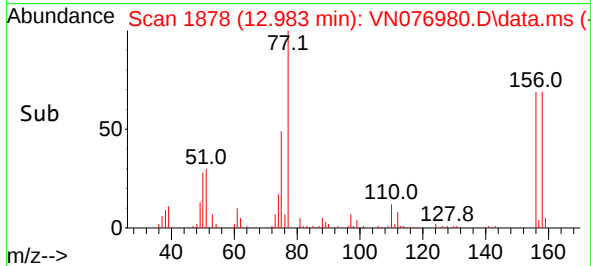
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion:156 Resp: 67900
Ion Ratio Lower Upper
156 100
77 202.1 101.3 303.7
158 97.9 48.9 146.7

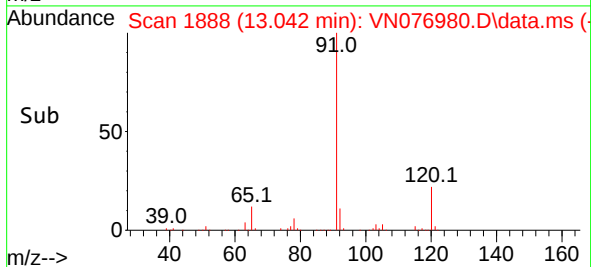
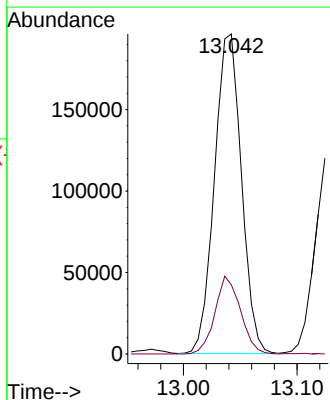
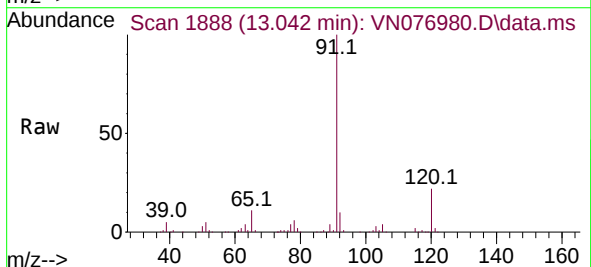
Manual Integrations
APPROVED

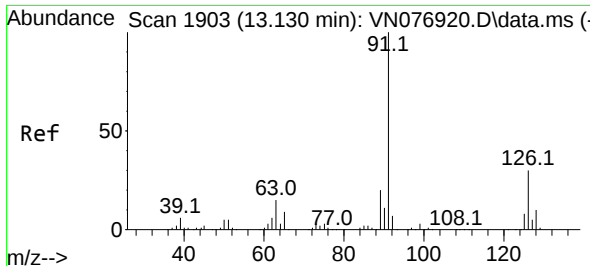
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#78
n-propylbenzene
Concen: 19.431 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion: 91 Resp: 323560
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.7





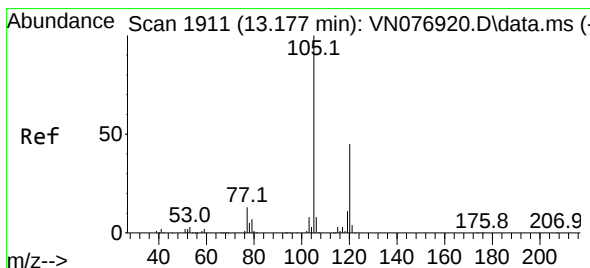
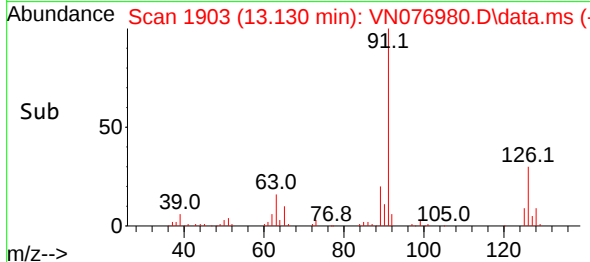
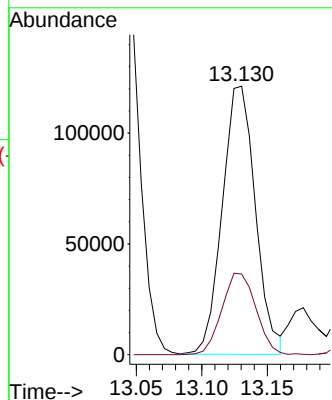
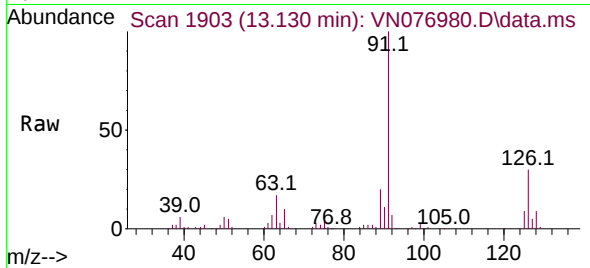
#79
2-Chlorotoluene
Concen: 19.743 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 91 Resp: 213198
Ion Ratio Lower Upper
91 100
126 31.3 17.7 53.1

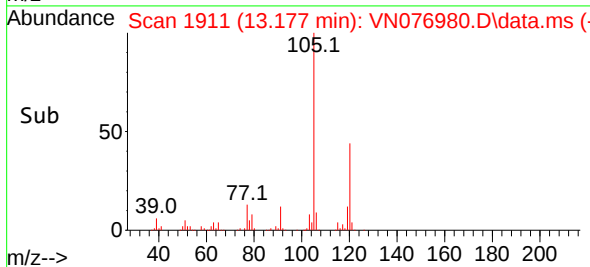
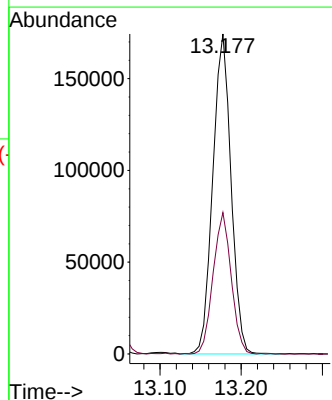
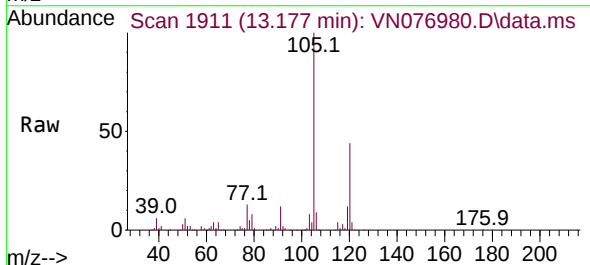
Manual Integrations
APPROVED

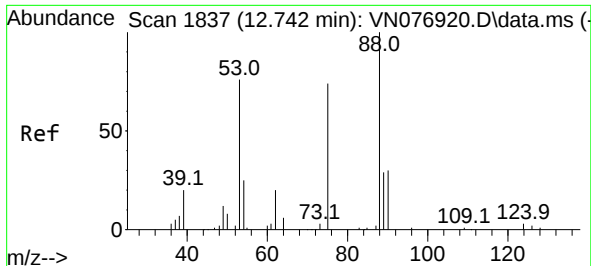
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.365 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

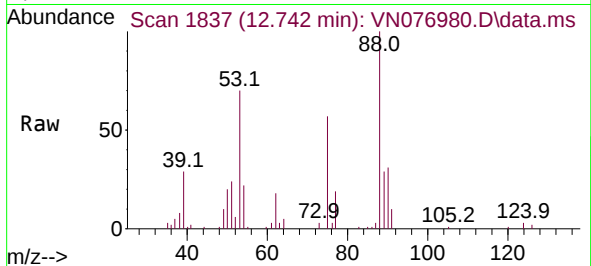
Tgt Ion:105 Resp: 272147
Ion Ratio Lower Upper
105 100
120 43.9 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.865 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

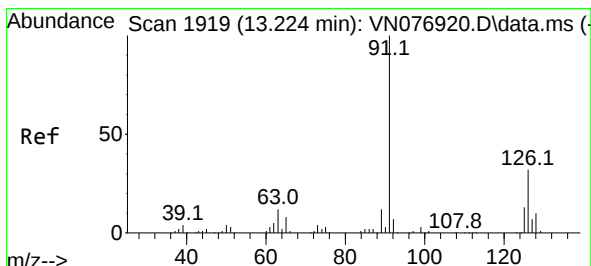
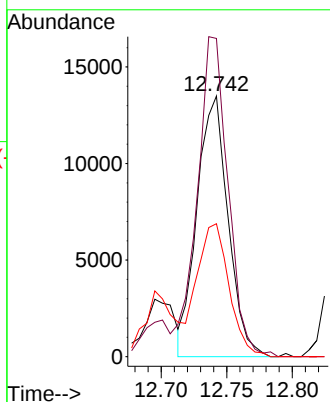
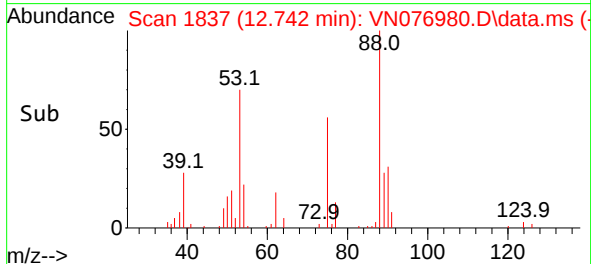
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



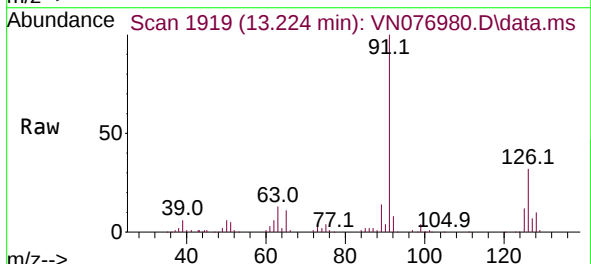
Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
53 121.9 67.4 101.0
89 51.5 39.5 59.3

Manual Integrations
APPROVED

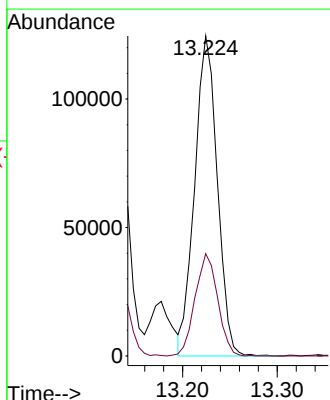
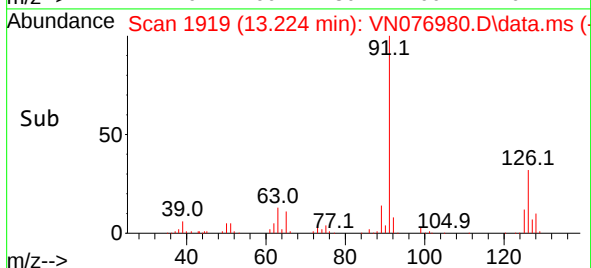
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

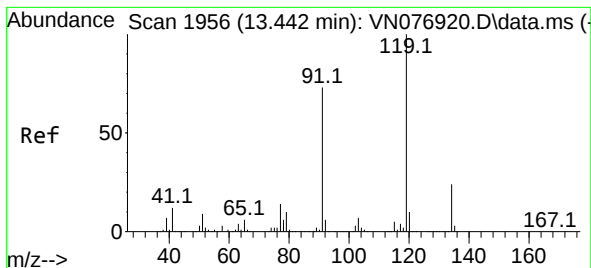


#82
4-Chlorotoluene
Concen: 20.221 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



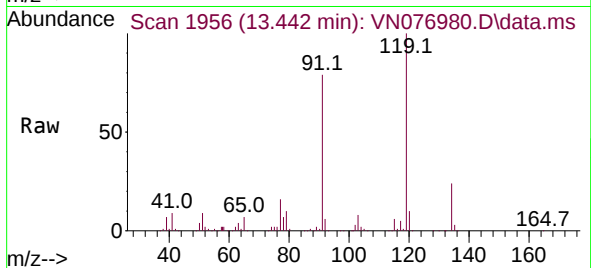
Tgt Ion: 91 Resp: 206330
Ion Ratio Lower Upper
91 100
126 32.0 18.0 54.0





#83
tert-Butylbenzene
Concen: 20.703 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

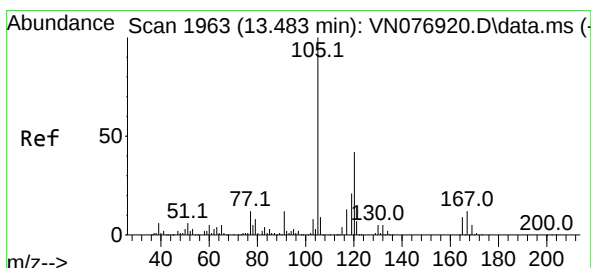
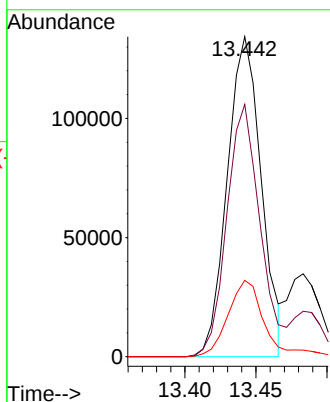
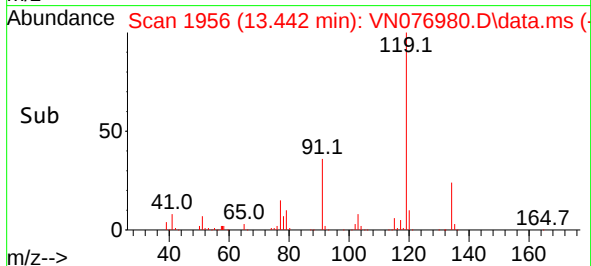
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



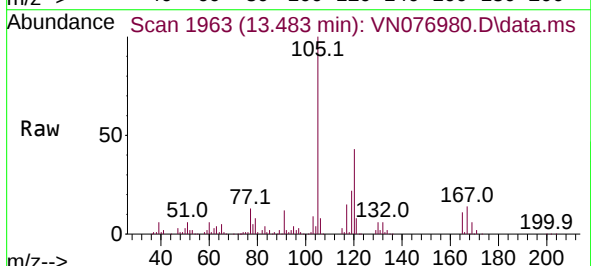
Tgt Ion:119 Resp: 22404
Ion Ratio Lower Upper
119 100
91 77.8 31.9 95.5
134 25.6 13.8 41.4

Manual Integrations
APPROVED

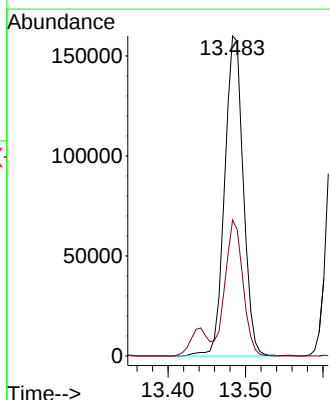
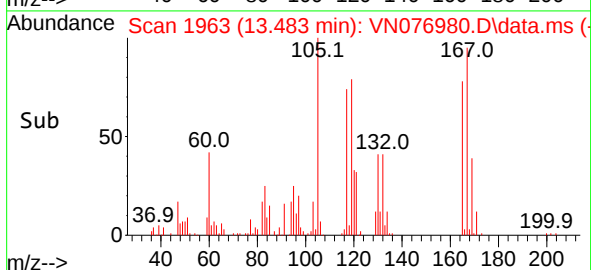
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

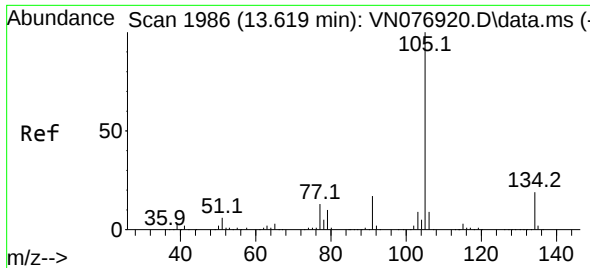


#84
1,2,4-Trimethylbenzene
Concen: 20.970 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



Tgt Ion:105 Resp: 267246
Ion Ratio Lower Upper
105 100
120 41.2 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 19.936 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076980.D
 Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

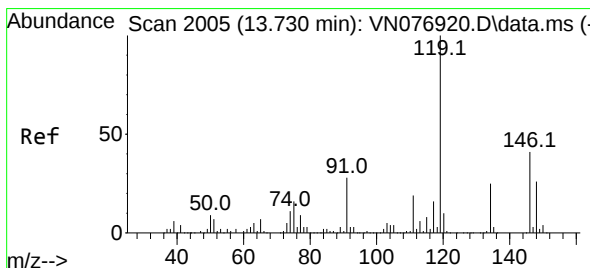
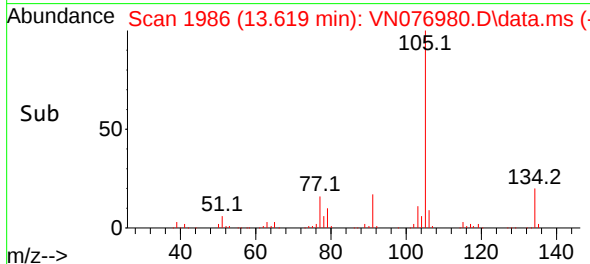
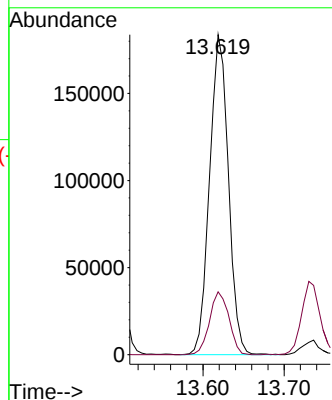
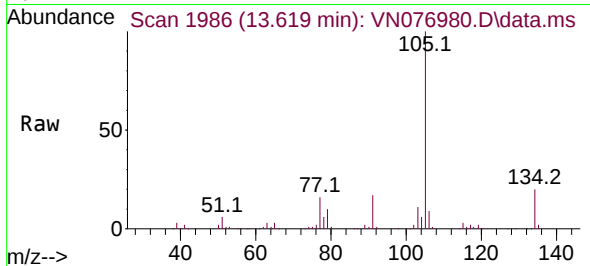
Tgt Ion:105 Resp: 295718
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2

Manual Integrations

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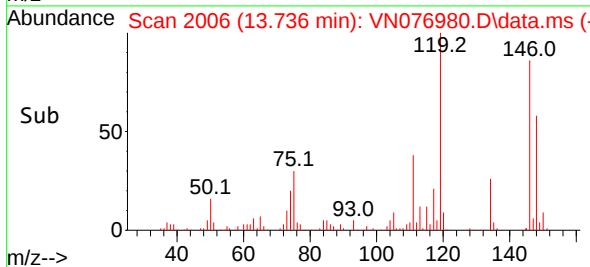
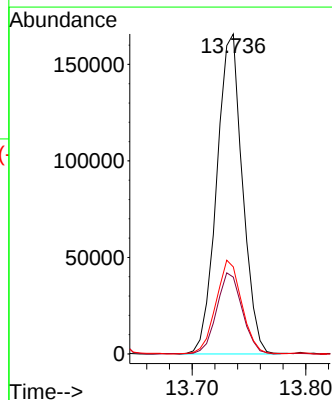
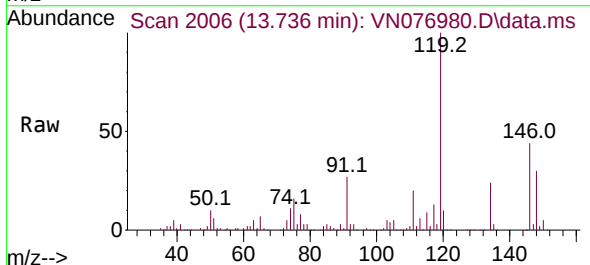
Reviewed By :John Carlone 03/15/2023

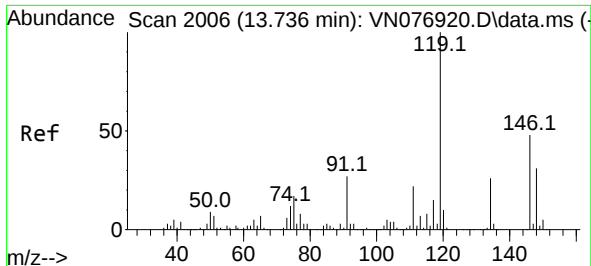
Supervised By :Mahesh Dadoda 03/15/2023



#86
 p-Isopropyltoluene
 Concen: 21.804 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076980.D
 Acq: 14 Mar 2023 14:20

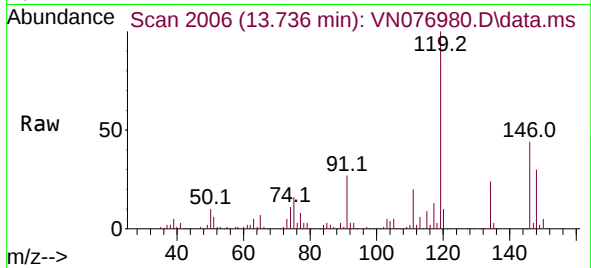
Tgt Ion:119 Resp: 261186
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.5 40.5
 91 29.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 20.647 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

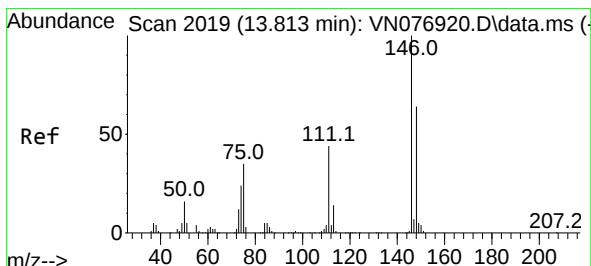
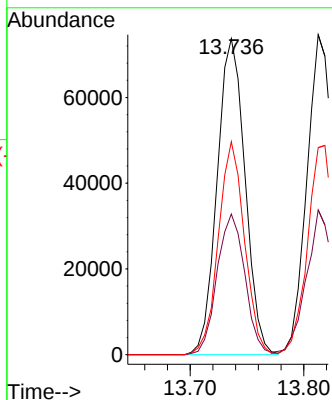
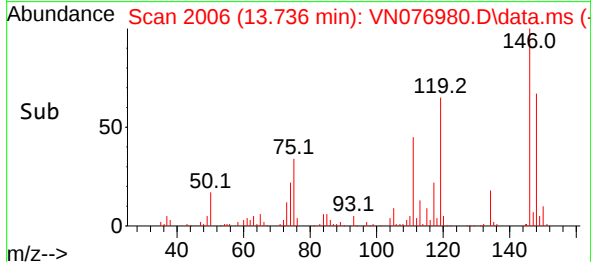
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



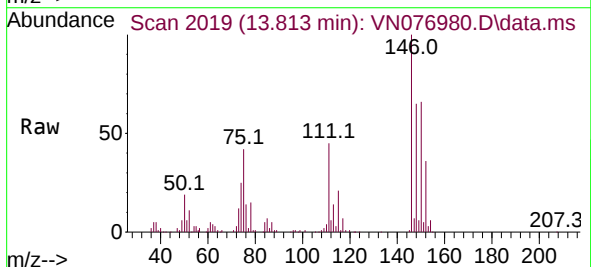
Tgt Ion:146 Resp: 12579
Ion Ratio Lower Upper
146 100
111 44.3 20.4 61.2
148 63.1 31.5 94.5

Manual Integrations
APPROVED

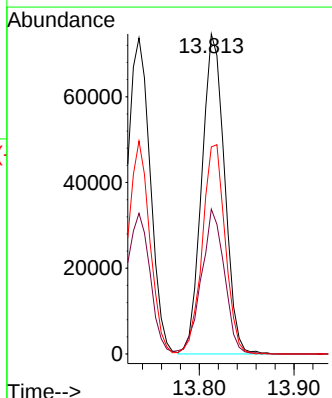
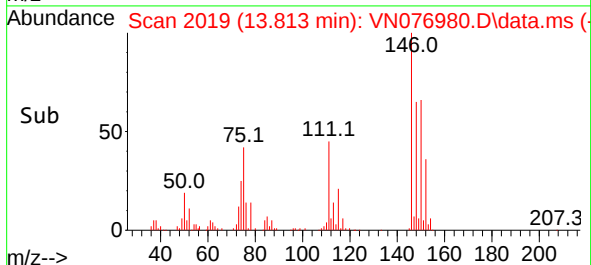
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

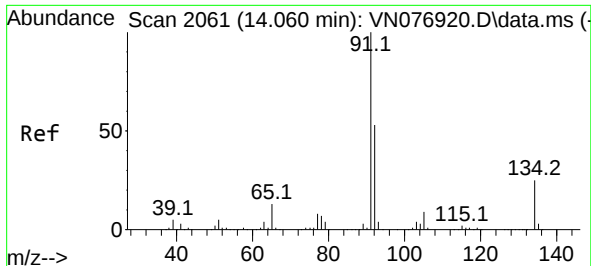


#88
1,4-Dichlorobenzene
Concen: 20.371 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



Tgt Ion:146 Resp: 124506
Ion Ratio Lower Upper
146 100
111 45.7 20.0 60.0
148 65.8 31.8 95.4





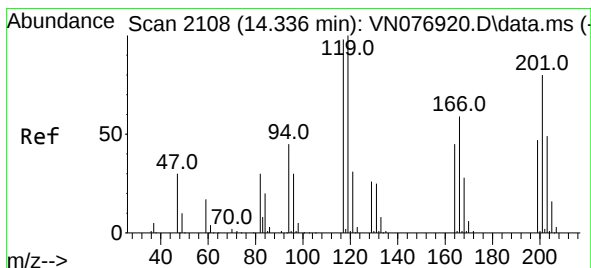
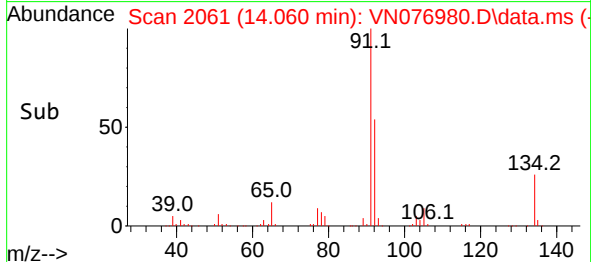
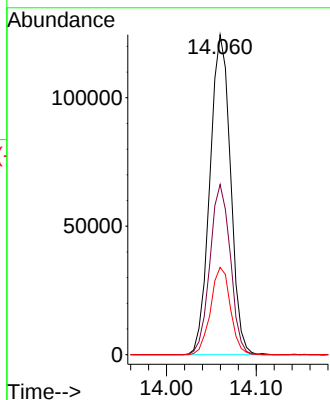
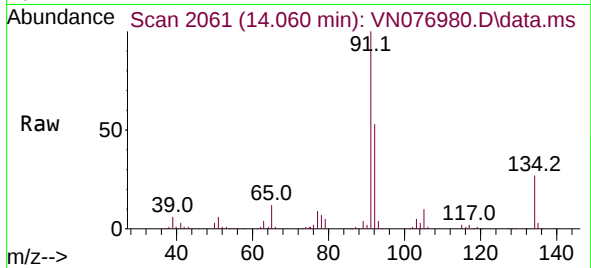
#89
n-Butylbenzene
Concen: 19.855 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 91 Resp: 198464
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 26.2 13.6 40.7

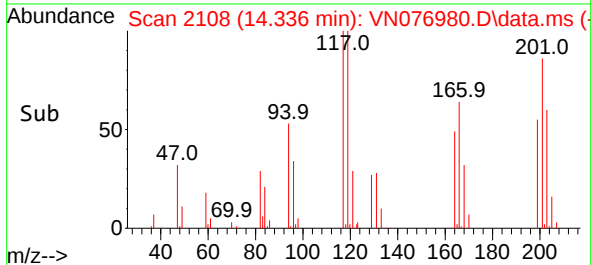
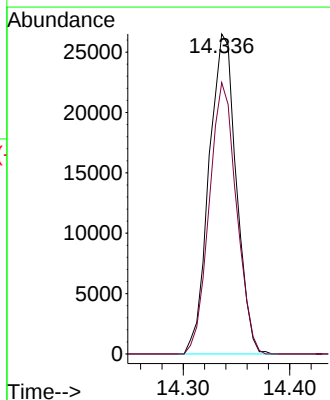
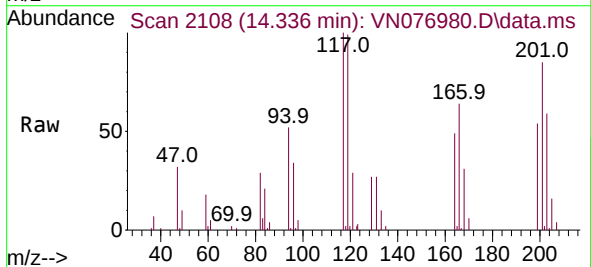
Manual Integrations
APPROVED

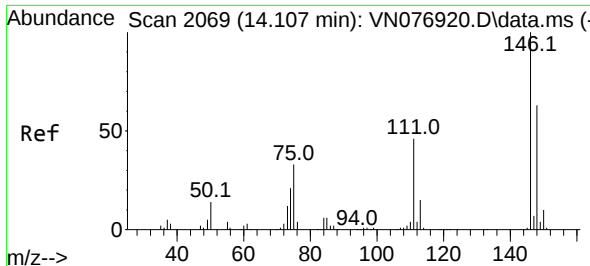
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 20.463 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

Tgt Ion:117 Resp: 47100
Ion Ratio Lower Upper
117 100
201 84.5 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 20.269 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion:146 Resp: 124059

Ion Ratio Lower Upper

146 100

111 46.7 21.4 64.2

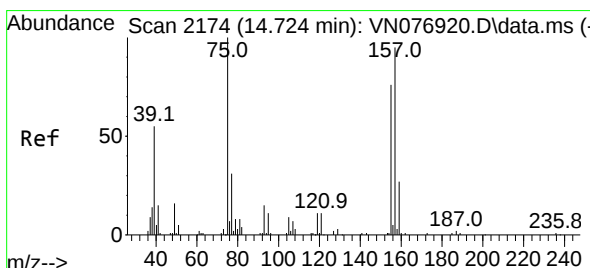
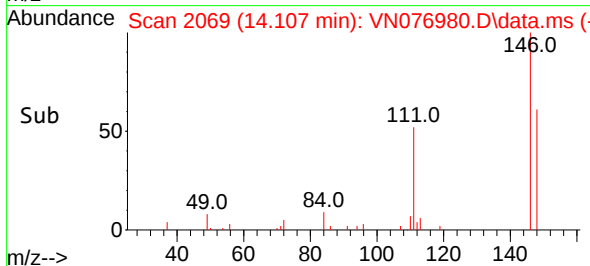
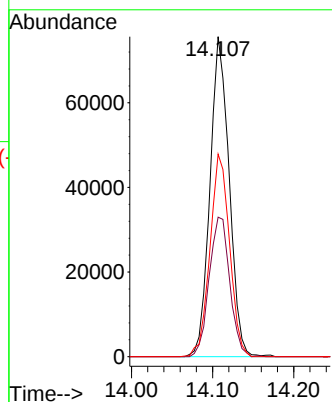
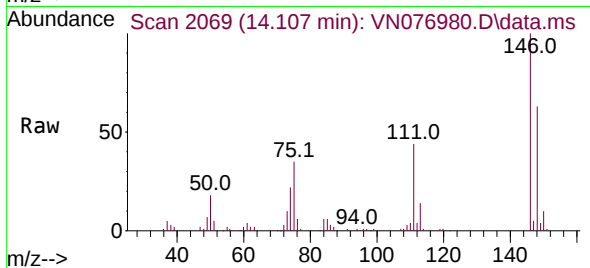
148 64.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.473 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

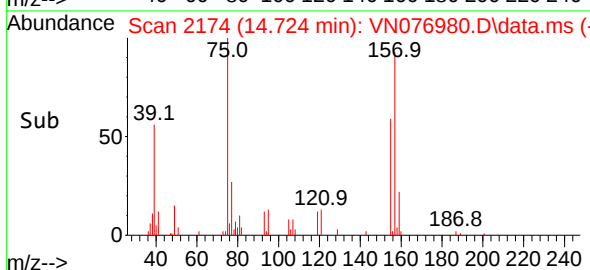
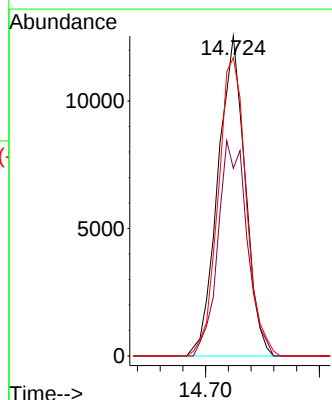
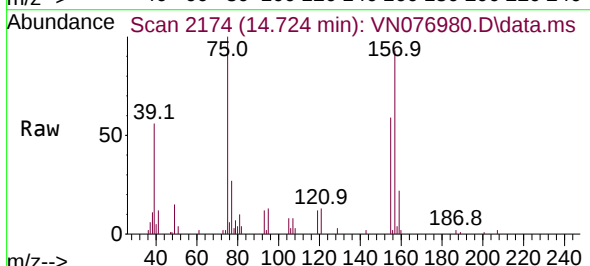
Tgt Ion: 75 Resp: 20860

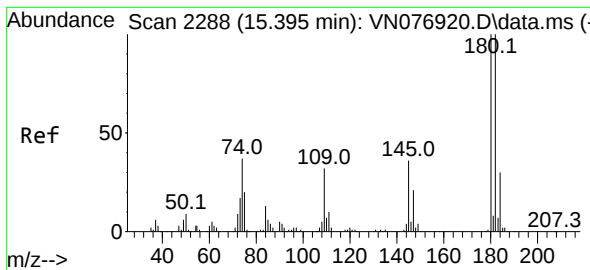
Ion Ratio Lower Upper

75 100

155 71.7 44.3 132.8

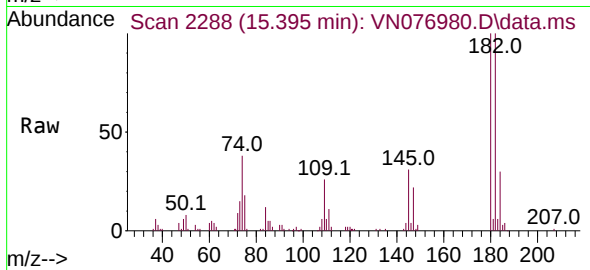
157 96.2 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 22.251 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20

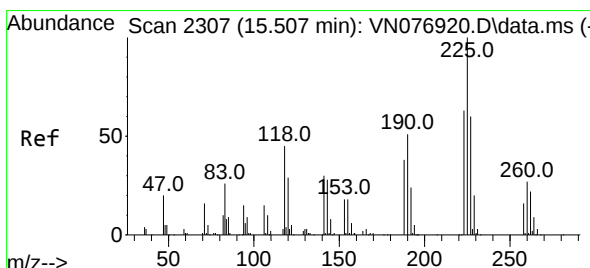
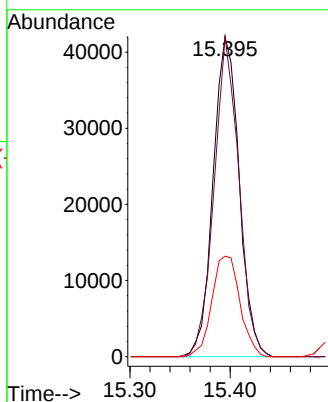
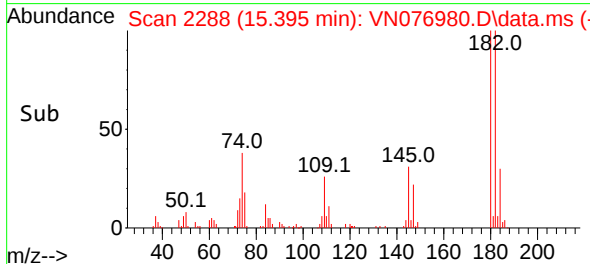
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



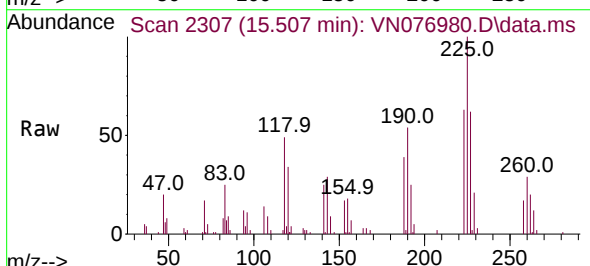
Tgt Ion:180 Resp: 7570
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 34.0 15.8 47.3

Manual Integrations
APPROVED

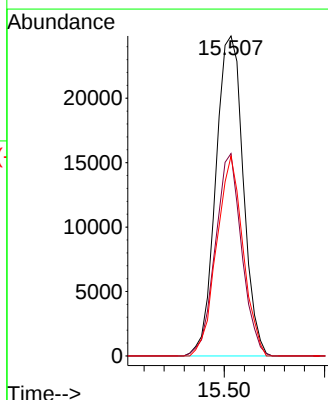
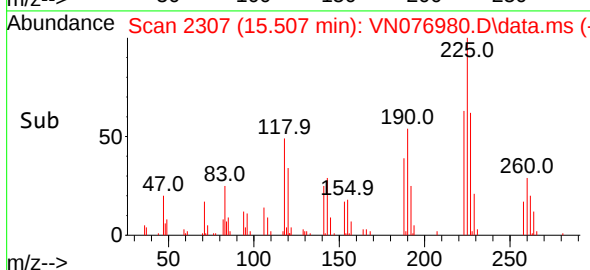
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

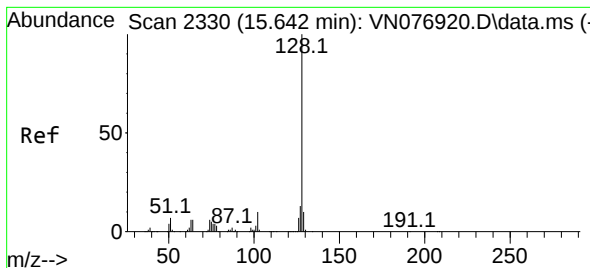


#94
Hexachlorobutadiene
Concen: 26.073 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076980.D
Acq: 14 Mar 2023 14:20



Tgt Ion:225 Resp: 47260
Ion Ratio Lower Upper
225 100
223 60.5 31.4 94.0
227 59.8 30.9 92.7





#95

Naphthalene

Concen: 20.949 ug/l

RT: 15.642 min Scan# 2118

Delta R.T. -0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

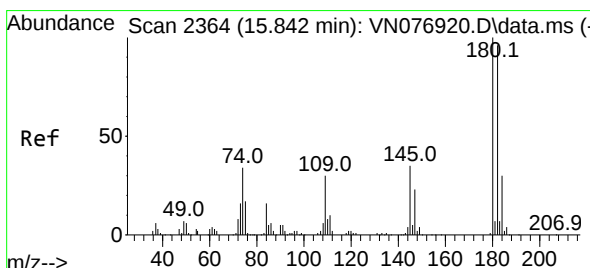
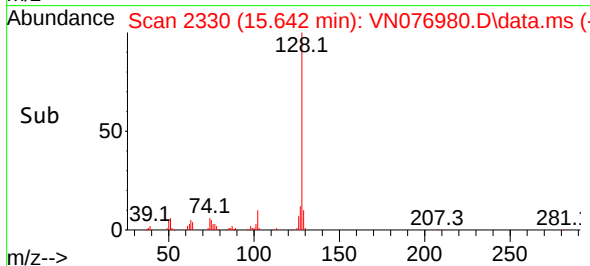
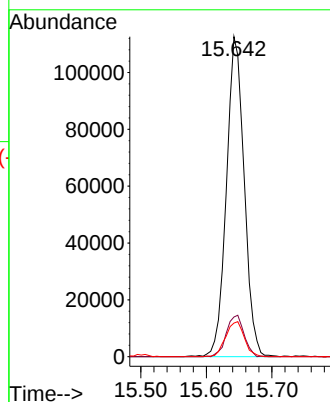
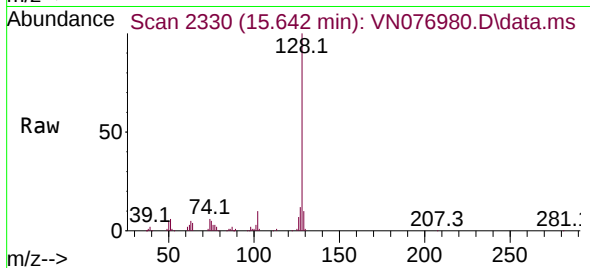
Tgt Ion:	128	Resp:	212189
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.5	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 22.278 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076980.D

Acq: 14 Mar 2023 14:20

Tgt Ion:	180	Resp:	73599
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.7	143.1
145	35.7	17.0	51.0

