

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076234.D
 Acq On : 12 Jan 2023 17:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 13 05:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	352078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	569874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	510889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	181944	47.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.000%		
35) Dibromofluoromethane	8.171	113	166457	47.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	10.571	98	597198	45.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.520%		
62) 4-Bromofluorobenzene	12.853	95	215128	49.224	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	156493	62.600	ug/l	98
3) Chloromethane	2.377	50	154325	49.645	ug/l	96
4) Vinyl Chloride	2.530	62	193801	52.265	ug/l	99
5) Bromomethane	2.947	94	158819	50.398	ug/l	99
6) Chloroethane	3.124	64	163656	59.600	ug/l	100
7) Trichlorofluoromethane	3.506	101	278389	49.478	ug/l	97
8) Diethyl Ether	3.977	74	104715	50.955	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	164228	51.116	ug/l	99
10) Methyl Iodide	4.600	142	254543	48.818	ug/l	99
11) Tert butyl alcohol	5.536	59	123342	227.577	ug/l	99
12) 1,1-Dichloroethene	4.353	96	152188	48.772	ug/l	92
13) Acrolein	4.189	56	156357	235.318	ug/l	100
14) Allyl chloride	5.036	41	200724	55.027	ug/l	98
15) Acrylonitrile	5.730	53	363207	245.571	ug/l	100
16) Acetone	4.441	43	320718	242.900	ug/l	96
17) Carbon Disulfide	4.724	76	337480	44.669	ug/l #	95
18) Methyl Acetate	5.036	43	208172	53.338	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	552568	53.774	ug/l	96
20) Methylene Chloride	5.289	84	175075	49.561	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	164135	48.030	ug/l	91
22) Diisopropyl ether	6.683	45	453056	51.127	ug/l	98
23) Vinyl Acetate	6.612	43	1397905	234.377	ug/l	99
24) 1,1-Dichloroethane	6.583	63	291966	49.404	ug/l	100
25) 2-Butanone	7.494	43	460388	249.025	ug/l	95
26) 2,2-Dichloropropane	7.500	77	250655	50.084	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	200073	48.952	ug/l	97
28) Bromochloromethane	7.818	49	114544	44.221	ug/l	98
29) Tetrahydrofuran	7.847	42	294281	254.004	ug/l	99
30) Chloroform	7.971	83	323488	48.617	ug/l	97
31) Cyclohexane	8.265	56	247965	45.203	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	291073	49.343	ug/l	97
36) 1,1-Dichloropropene	8.377	75	228740	48.791	ug/l	99
37) Ethyl Acetate	7.565	43	189645	50.361	ug/l	99
38) Carbon Tetrachloride	8.365	117	260817	49.707	ug/l	100
39) Methylcyclohexane	9.606	83	287871	50.898	ug/l	98
40) Benzene	8.612	78	703170	48.613	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	101198	51.701	ug/l	98
42) 1,2-Dichloroethane	8.677	62	238152	49.524	ug/l	99
43) Isopropyl Acetate	8.694	43	322454	51.910	ug/l	99
44) Trichloroethene	9.353	130	197754	48.530	ug/l	93
45) 1,2-Dichloropropane	9.624	63	169419	48.132	ug/l	97
46) Dibromomethane	9.712	93	124314	47.617	ug/l	98
47) Bromodichloromethane	9.888	83	256532	50.107	ug/l	99
48) Methyl methacrylate	9.682	41	149447	53.417	ug/l	98
49) 1,4-Dioxane	9.694	88	63967	930.011	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	970827	258.429	ug/l	98
52) Toluene	10.629	92	464803	49.340	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	258832	51.647	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	282851	51.405	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	181697	49.140	ug/l	99
56) Ethyl methacrylate	10.876	69	263281	53.607	ug/l	99
57) 1,3-Dichloropropane	11.165	76	300588	49.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	485786	310.669	ug/l	99
59) 2-Hexanone	11.200	43	710403	259.309	ug/l	99
60) Dibromochloromethane	11.359	129	205936	50.082	ug/l	100
61) 1,2-Dibromoethane	11.470	107	185714	49.632	ug/l	99
64) Tetrachloroethene	11.106	164	206150	57.343	ug/l	99
65) Chlorobenzene	11.894	112	501852	47.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	190649	49.087	ug/l	99
67) Ethyl Benzene	11.965	91	897425	50.709	ug/l	99
68) m/p-Xylenes	12.070	106	715062	102.084	ug/l	100
69) o-Xylene	12.400	106	353040	50.930	ug/l	100
70) Styrene	12.412	104	585146	53.090	ug/l	99
71) Bromoform	12.582	173	147386	52.150	ug/l #	99
73) Isopropylbenzene	12.700	105	936309	50.456	ug/l	99
74) N-amyl acetate	12.494	43	280664	51.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	249143	43.430	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	256963m	49.642	ug/l	
77) Bromobenzene	12.982	156	222477	47.373	ug/l	99
78) n-propylbenzene	13.035	91	1056105	51.600	ug/l	99
79) 2-Chlorotoluene	13.129	91	618903	48.442	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	789601	50.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	72445	50.377	ug/l	98
82) 4-Chlorotoluene	13.129	91	618903	48.442	ug/l	100
83) tert-Butylbenzene	13.441	119	723991	52.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	797473	51.759	ug/l	98
85) sec-Butylbenzene	13.617	105	999395	52.877	ug/l	99
86) p-Isopropyltoluene	13.735	119	841734	53.523	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	420335	48.454	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	407861	46.023	ug/l	99
89) n-Butylbenzene	14.059	91	685118	53.774	ug/l	100
90) Hexachloroethane	14.335	117	140593	49.977	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	414647	48.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45995	45.185	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	212597	50.255	ug/l	99
94) Hexachlorobutadiene	15.506	225	112980	48.951	ug/l	99
95) Naphthalene	15.647	128	623025	44.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	202346	51.176	ug/l	98

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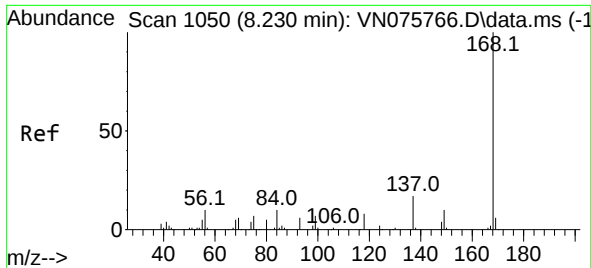
Manual Integrations
APPROVED

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 Quant Title : SW846 8260
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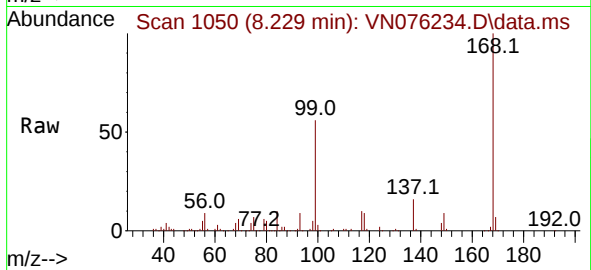
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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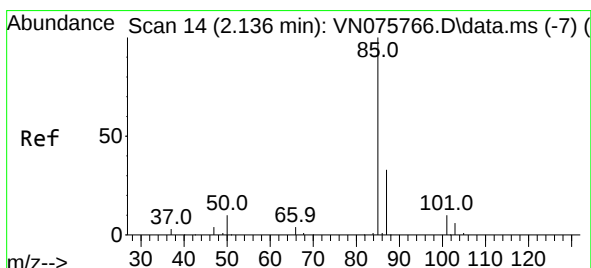
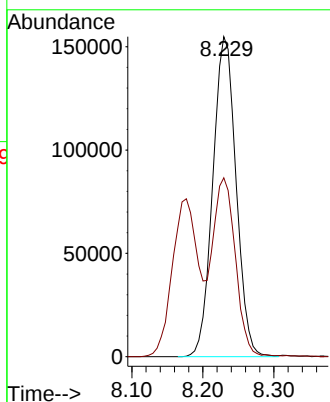
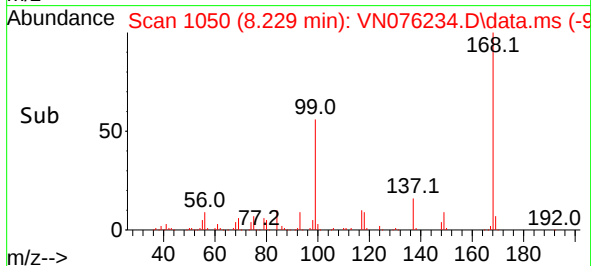
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 352078
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4

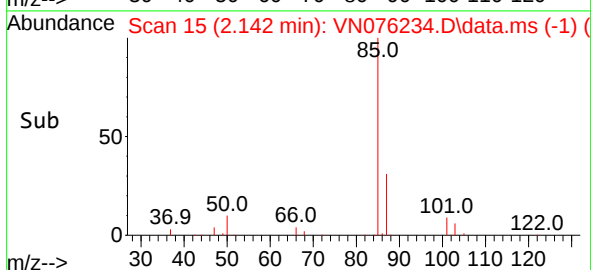
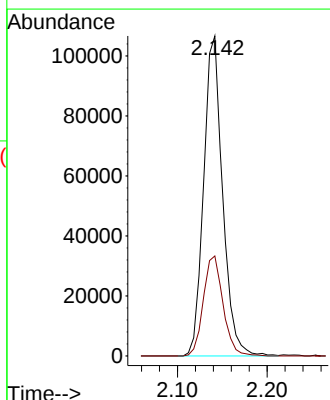
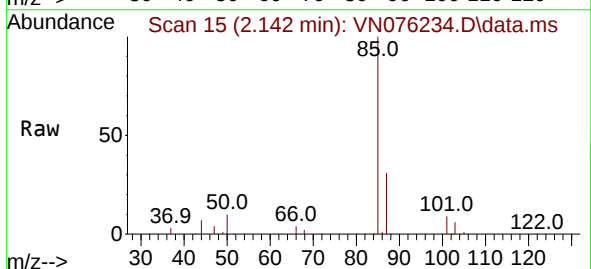
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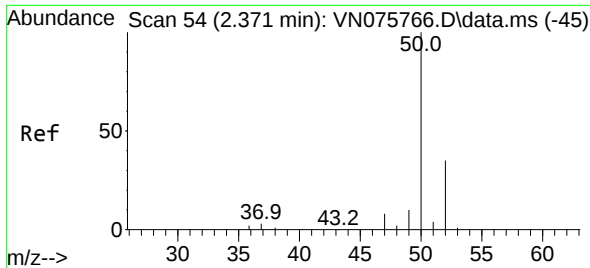
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#2
Dichlorodifluoromethane
Concen: 62.600 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion: 85 Resp: 156493
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





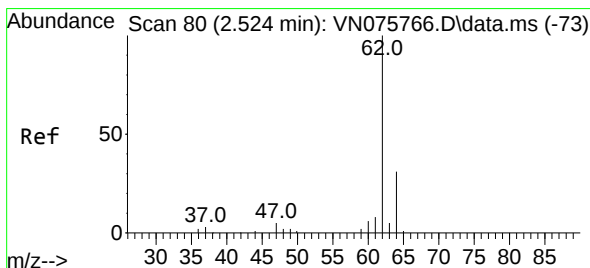
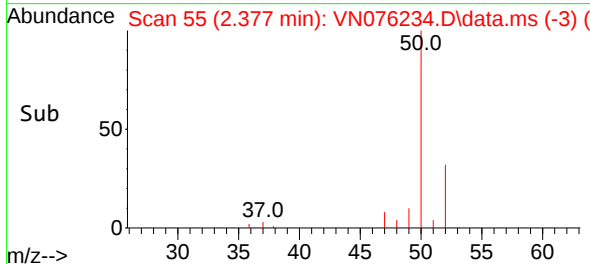
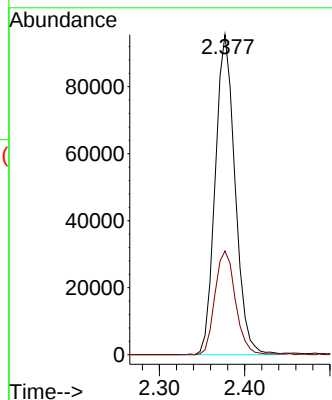
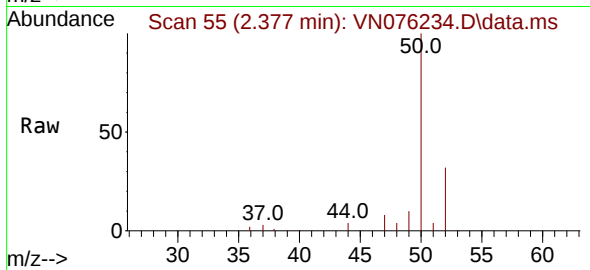
#3
Chloromethane
Concen: 49.645 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
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Tgt Ion: 50 Resp: 154329
Ion Ratio Lower Upper
50 100
52 32.4 27.7 41.5

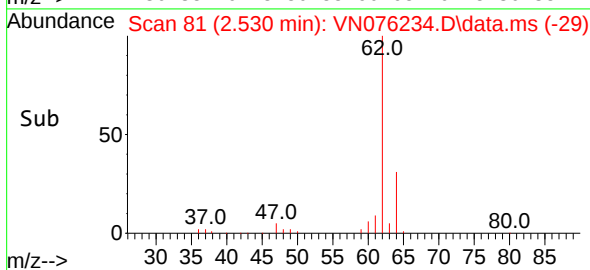
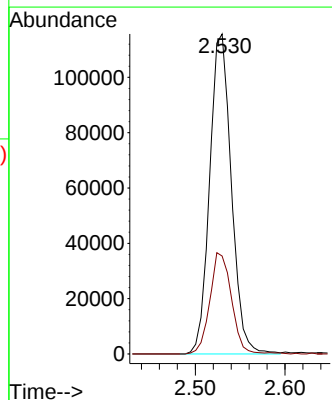
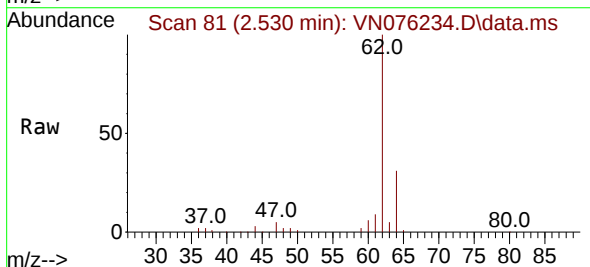
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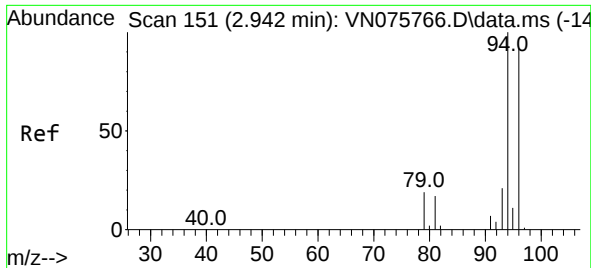
Reviewed By :John Carlone 01/13/2023
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#4
Vinyl Chloride
Concen: 52.265 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

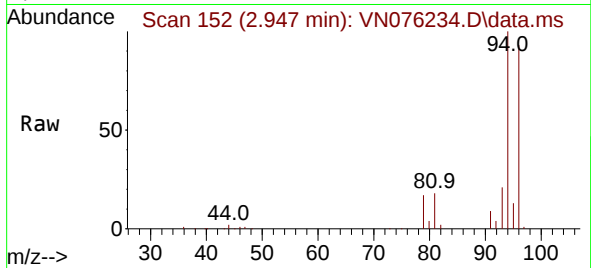
Tgt Ion: 62 Resp: 193801
Ion Ratio Lower Upper
62 100
64 30.6 24.9 37.3





#5
Bromomethane
Concen: 50.398 ug/l
RT: 2.947 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN076234.D
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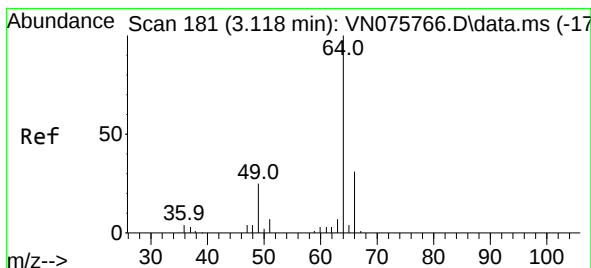
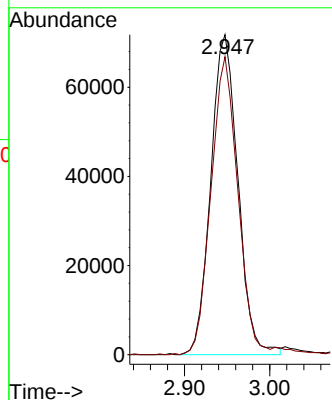
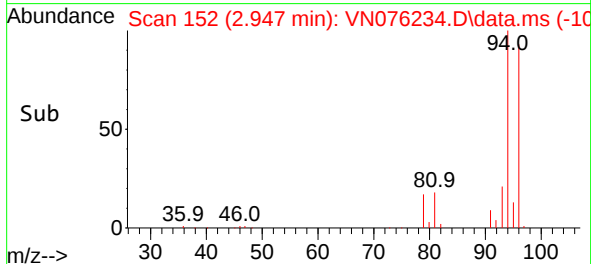
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Tgt Ion: 94 Resp: 158819
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.6

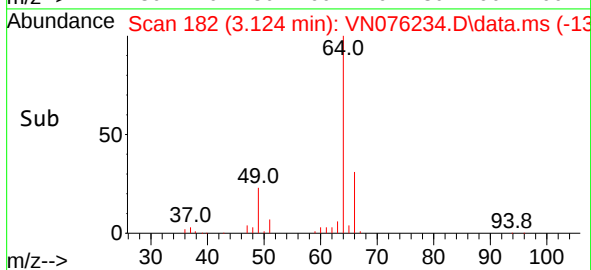
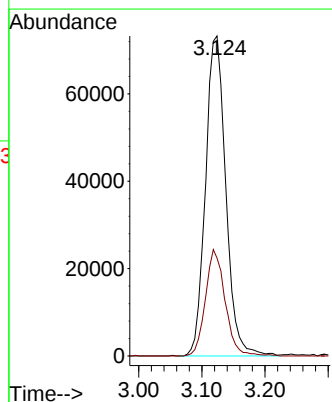
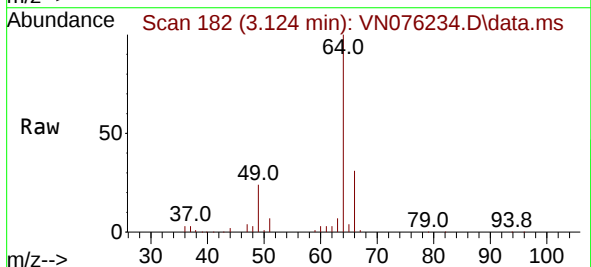
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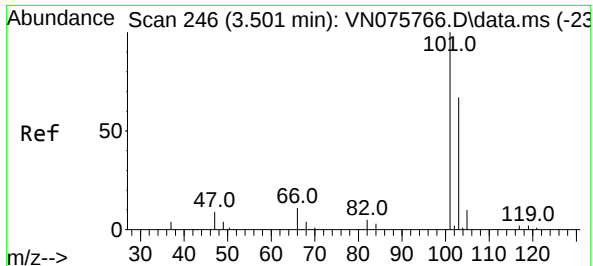
Reviewed By :John Carlone 01/13/2023
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#6
Chloroethane
Concen: 59.600 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076234.D
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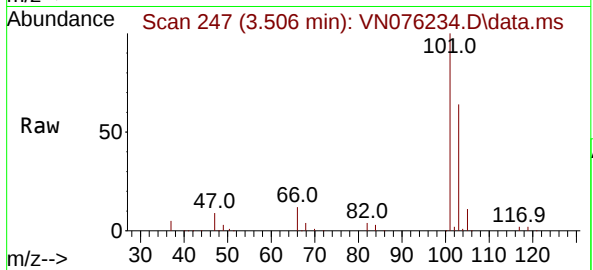
Tgt Ion: 64 Resp: 163656
Ion Ratio Lower Upper
64 100
66 30.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 49.478 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

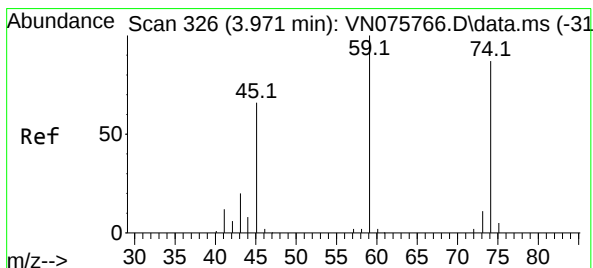
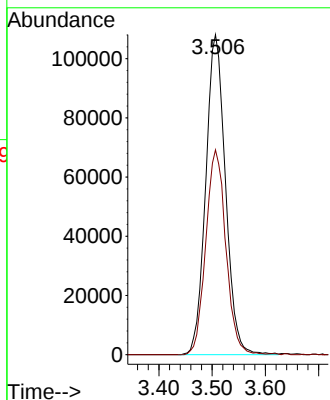
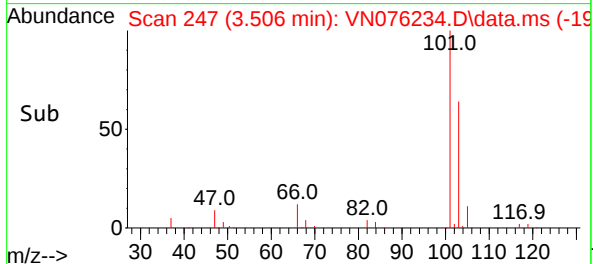
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 278389
Ion Ratio Lower Upper
101 100
103 64.0 53.4 80.2

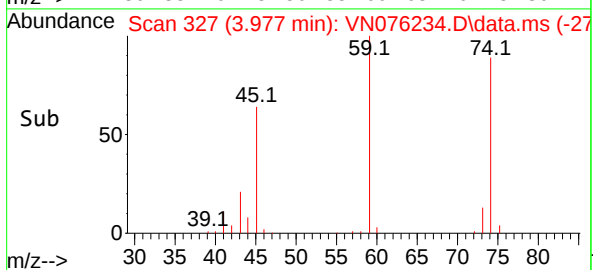
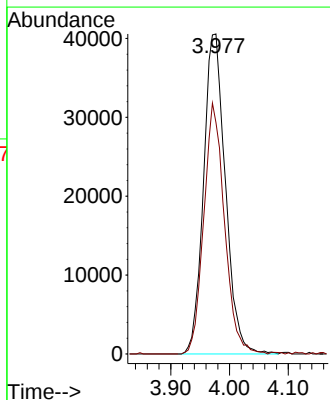
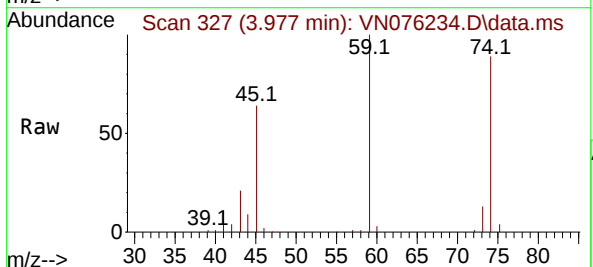
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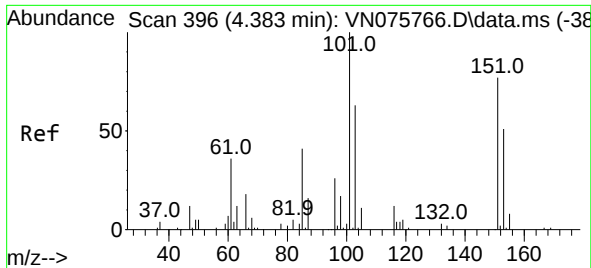
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#8
Diethyl Ether
Concen: 50.955 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076234.D
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Tgt Ion: 74 Resp: 104715
Ion Ratio Lower Upper
74 100
45 74.3 37.8 113.4





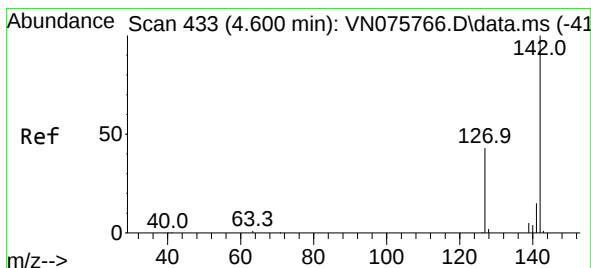
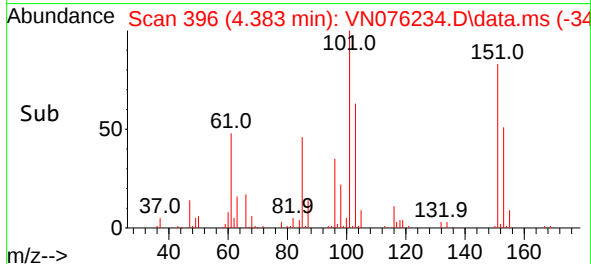
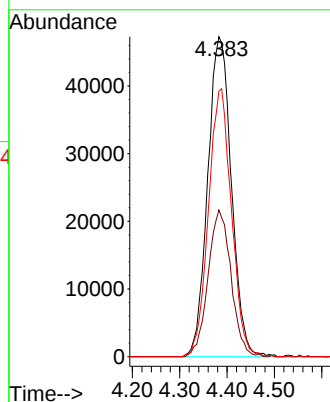
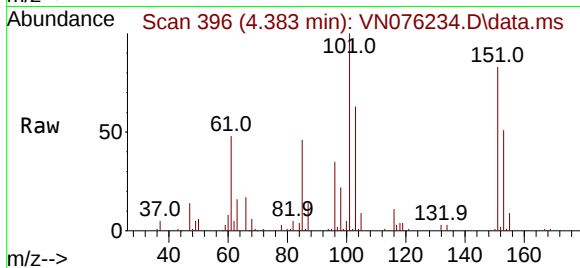
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.116 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 164228
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 81.3 65.6 98.4

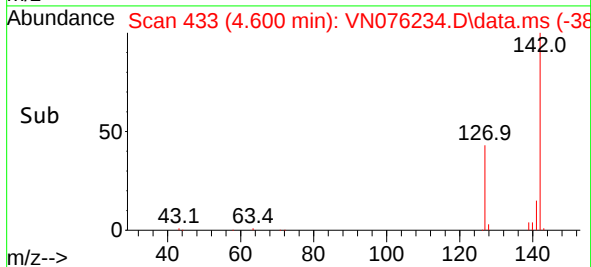
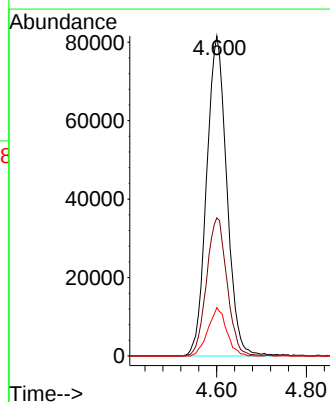
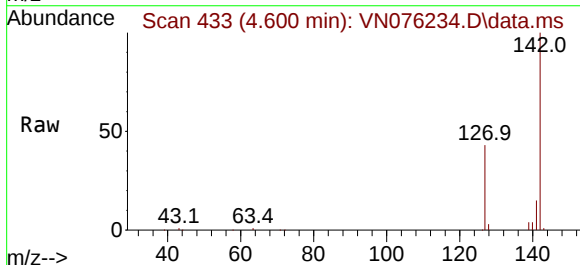
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
Methyl Iodide
Concen: 48.818 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

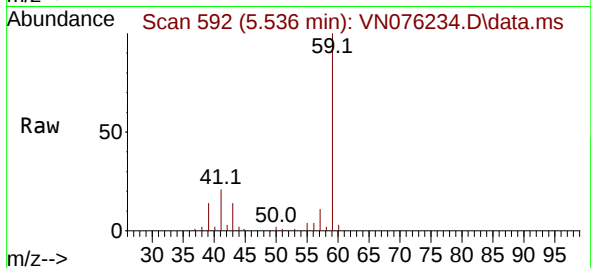
Tgt Ion:142 Resp: 254543
Ion Ratio Lower Upper
142 100
127 43.7 34.7 52.1
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 227.577 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

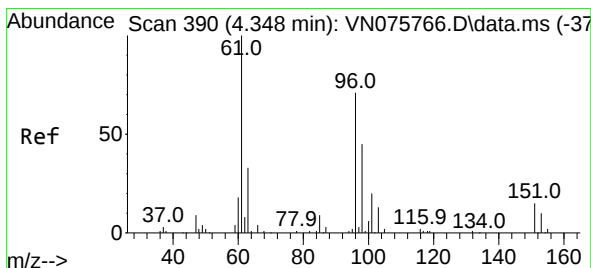
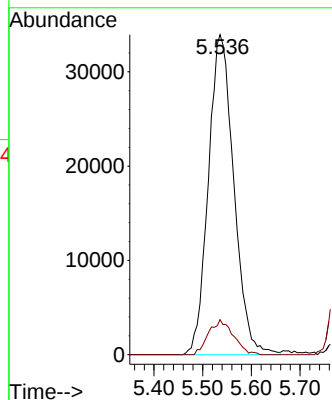
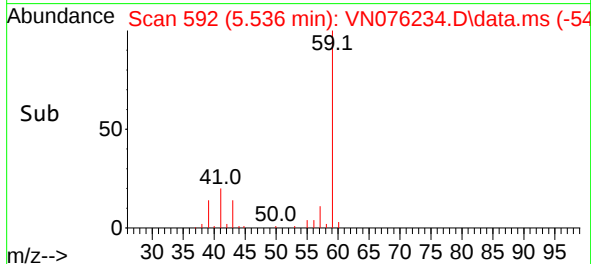
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



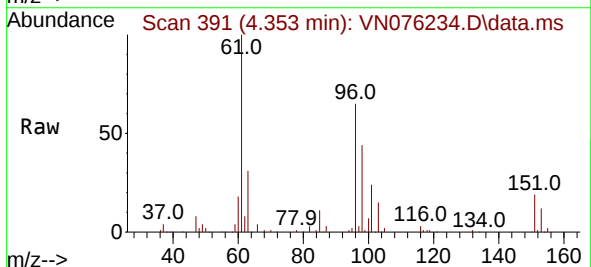
Tgt Ion: 59 Resp: 12334
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
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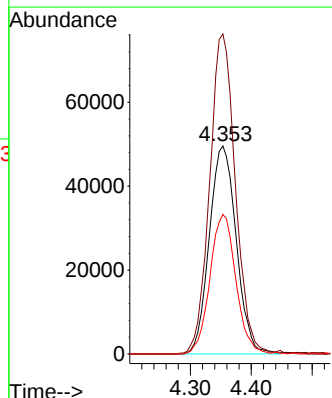
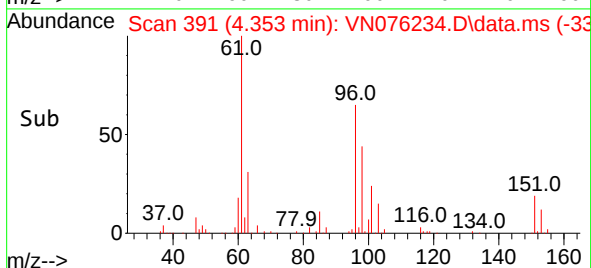
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#12
1,1-Dichloroethene
Concen: 48.772 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



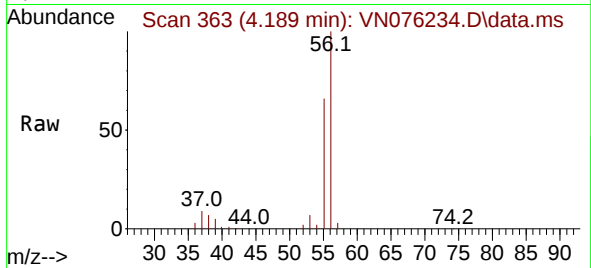
Tgt Ion: 96 Resp: 152188
Ion Ratio Lower Upper
96 100
61 153.5 113.3 169.9
98 67.1 50.9 76.3





#13
Acrolein
Concen: 235.318 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

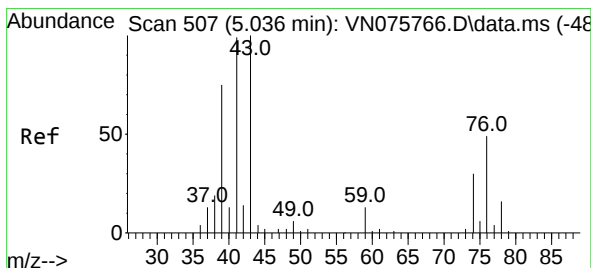
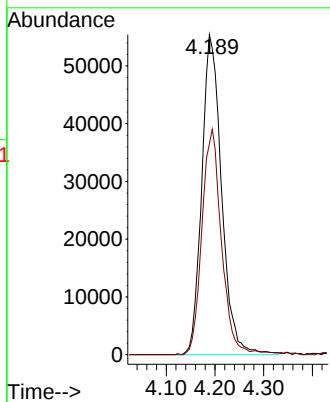
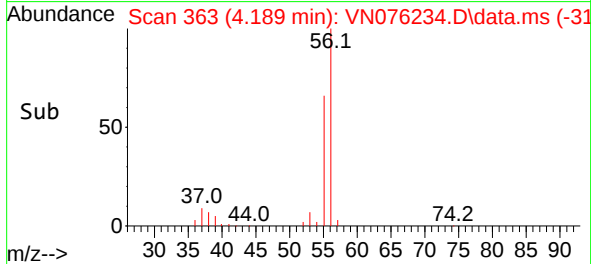
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15635
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

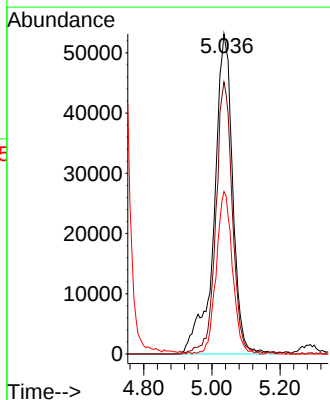
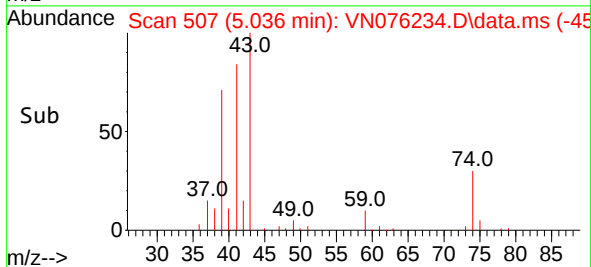
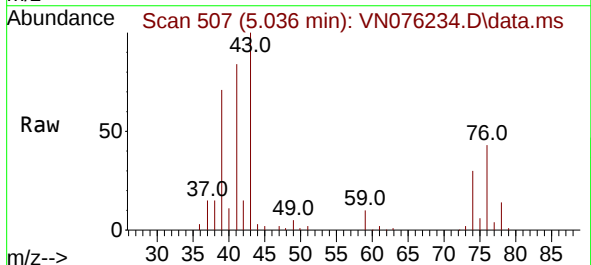
Manual Integrations
APPROVED

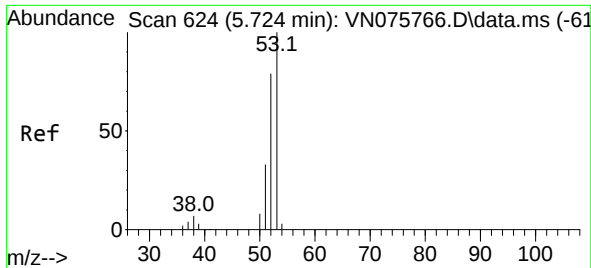
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#14
Allyl chloride
Concen: 55.027 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

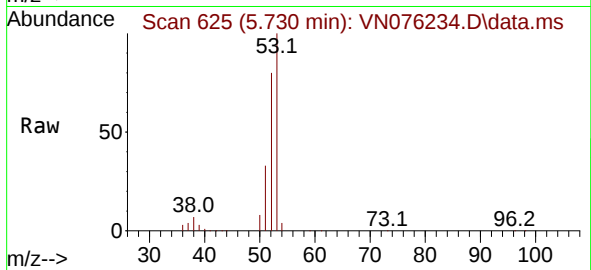
Tgt Ion: 41 Resp: 200724
Ion Ratio Lower Upper
41 100
39 75.3 58.3 87.5
76 44.3 35.8 53.6





#15
Acrylonitrile
Concen: 245.571 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

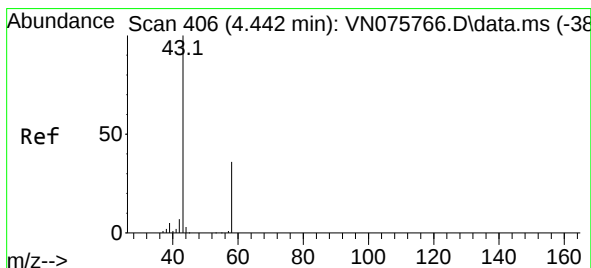
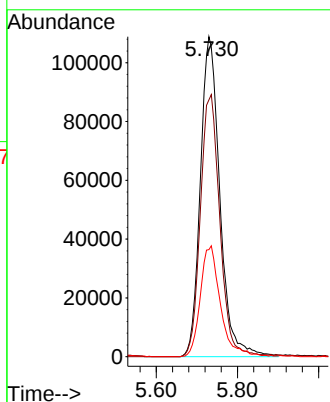
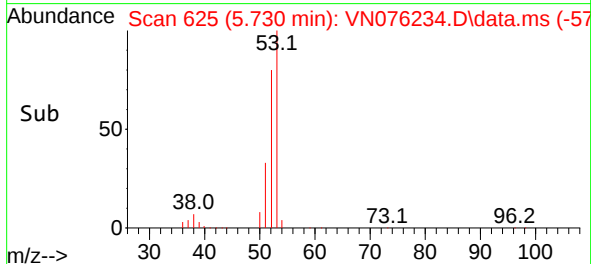
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 36320
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.0
51 35.8 28.9 43.3

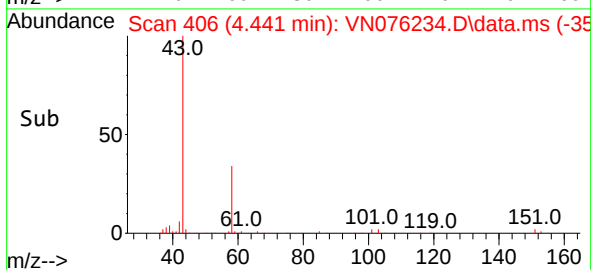
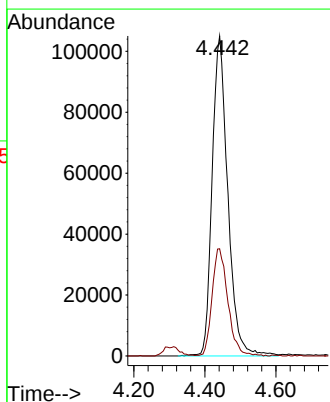
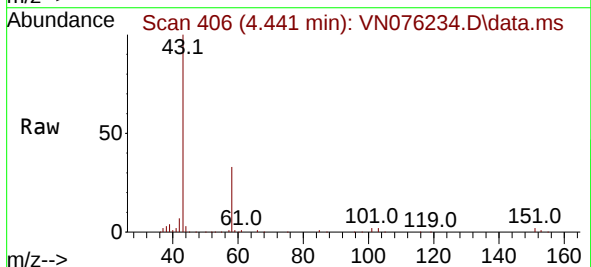
Manual Integrations
APPROVED

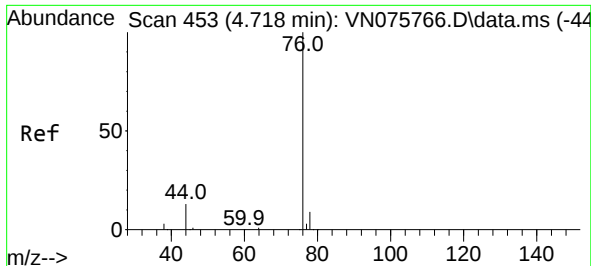
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#16
Acetone
Concen: 242.900 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

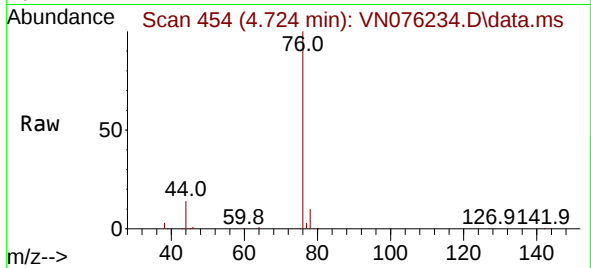
Tgt Ion: 43 Resp: 320718
Ion Ratio Lower Upper
43 100
58 33.4 28.6 43.0





#17
Carbon Disulfide
Concen: 44.669 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

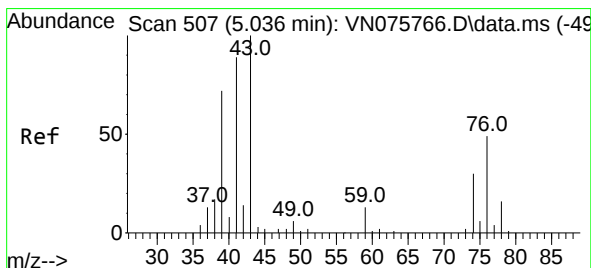
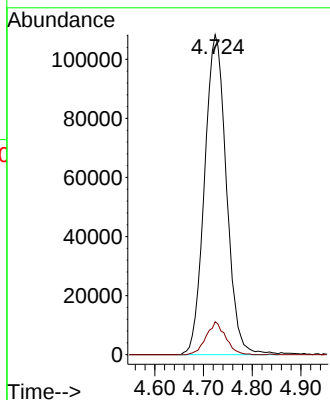
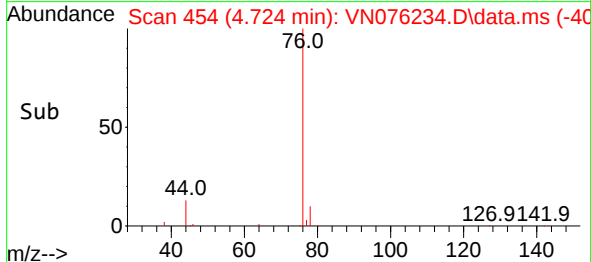
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 337480
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2

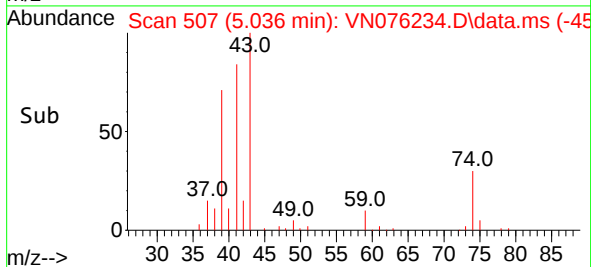
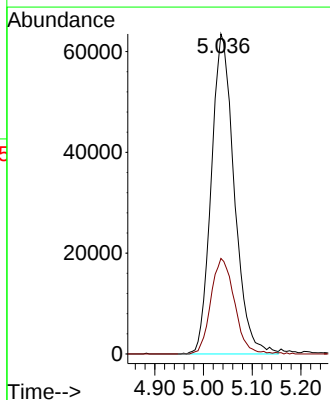
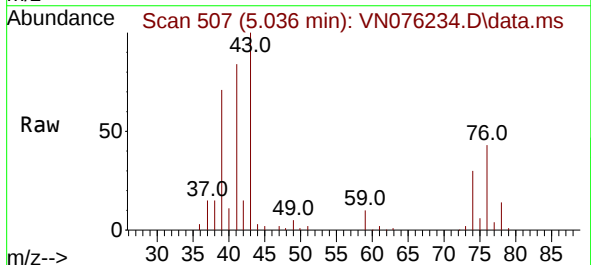
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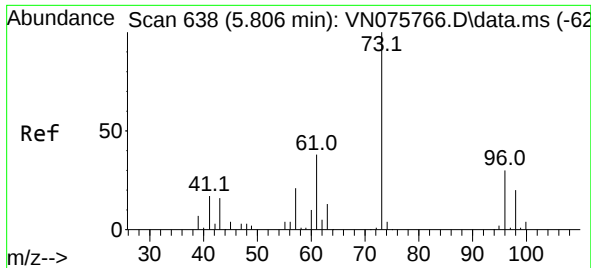
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#18
Methyl Acetate
Concen: 53.338 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion: 43 Resp: 208172
Ion Ratio Lower Upper
43 100
74 30.5 23.6 35.4





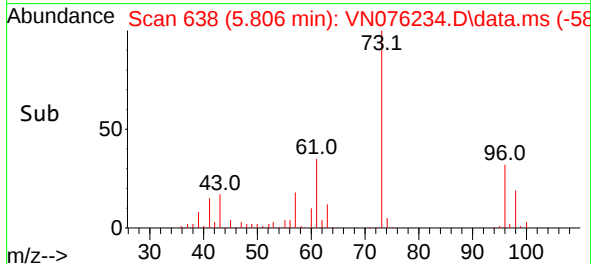
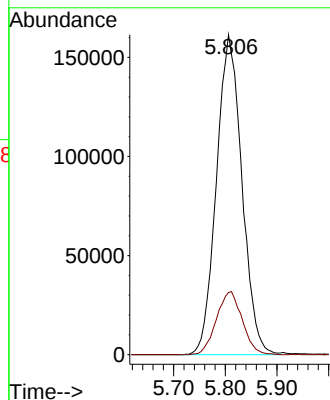
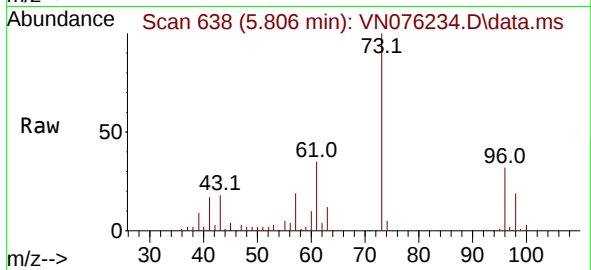
#19
Methyl tert-butyl Ether
Concen: 53.774 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 55256
Ion Ratio Lower Upper
73 100
57 19.5 17.1 25.7

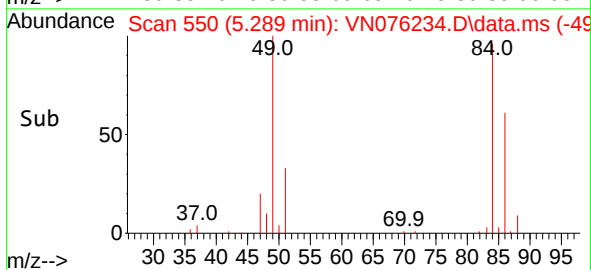
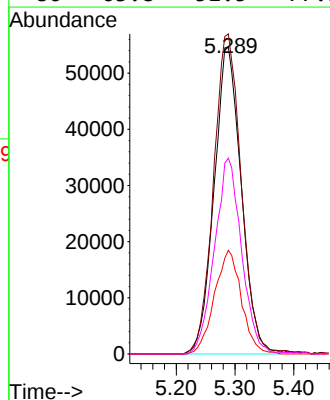
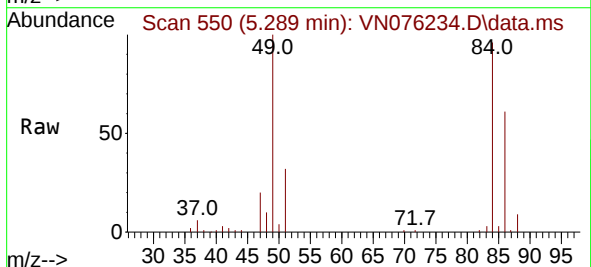
Manual Integrations
APPROVED

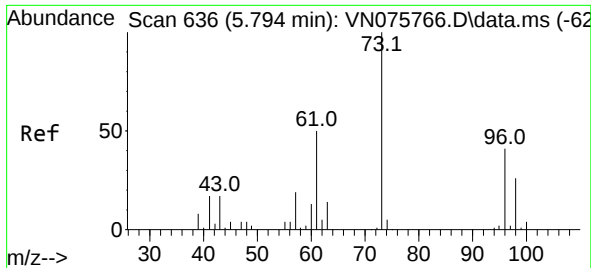
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Methylene Chloride
Concen: 49.561 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion: 84 Resp: 175075
Ion Ratio Lower Upper
84 100
49 104.2 81.8 122.6
51 33.8 26.7 40.1
86 63.8 51.5 77.3





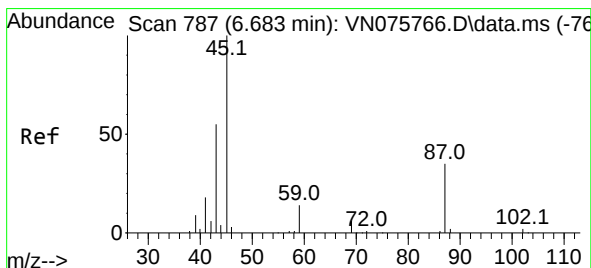
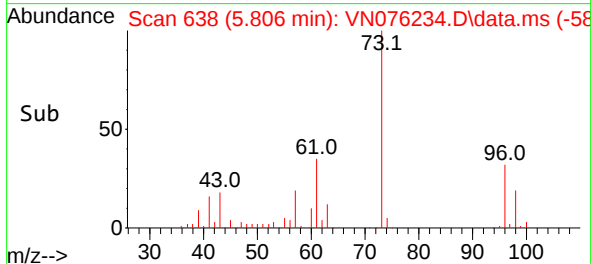
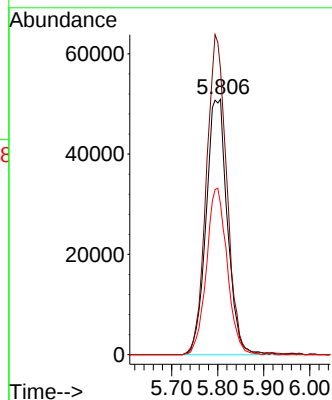
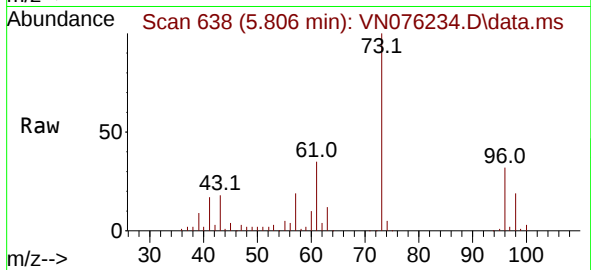
#21
trans-1,2-Dichloroethene
Concen: 48.030 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 16413
Ion Ratio Lower Upper
96 100
61 111.7 98.1 147.1
98 59.0 51.4 77.2

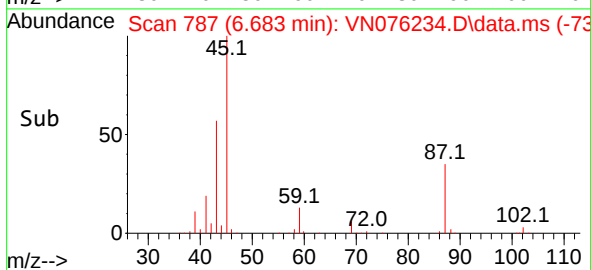
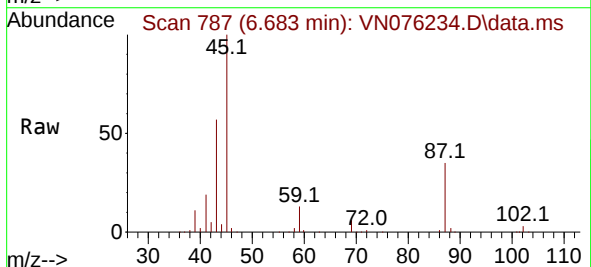
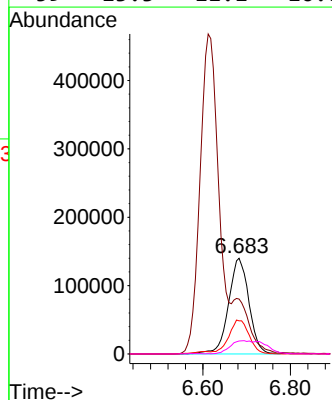
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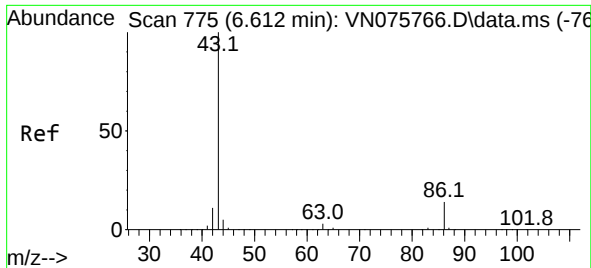
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#22
Diisopropyl ether
Concen: 51.127 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion: 45 Resp: 453056
Ion Ratio Lower Upper
45 100
43 57.0 44.2 66.4
87 34.6 28.3 42.5
59 13.3 11.1 16.7





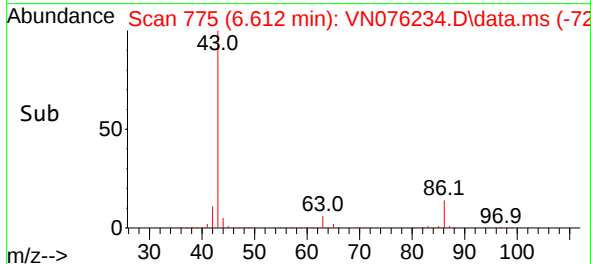
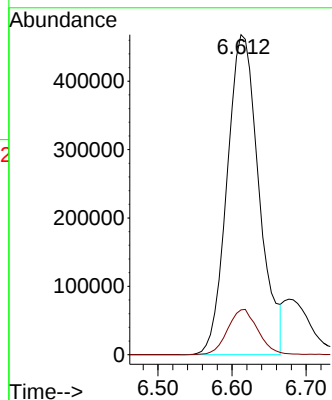
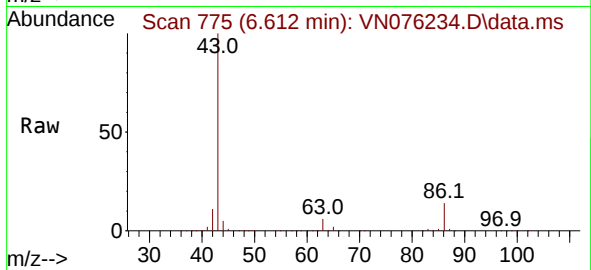
#23
 Vinyl Acetate
 Concen: 234.377 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076234.D
 Acq: 12 Jan 2023 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 139790
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.4 17.2

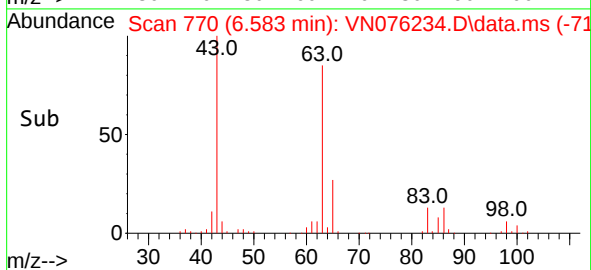
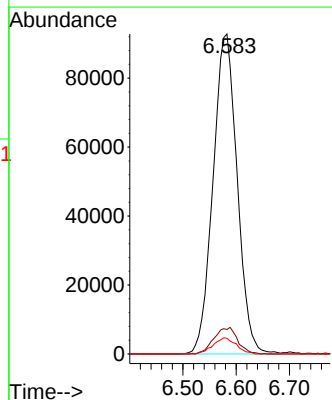
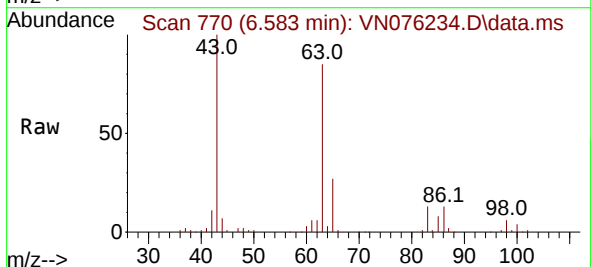
Manual Integrations
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Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#24
 1,1-Dichloroethane
 Concen: 49.404 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076234.D
 Acq: 12 Jan 2023 17:11

Tgt Ion: 63 Resp: 291966
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.5
 100 4.9 2.5 7.6





#25

2-Butanone

Concen: 249.025 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 46038

Ion Ratio Lower Upper

43 100

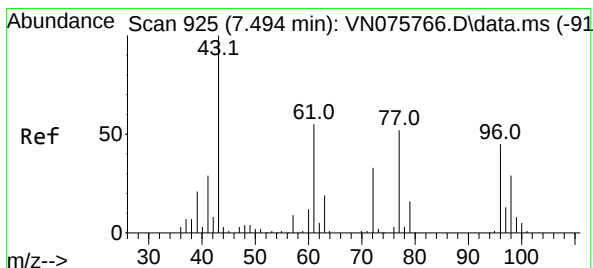
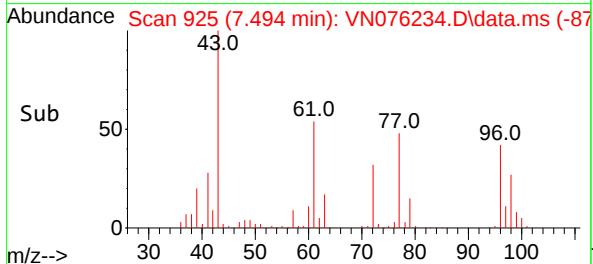
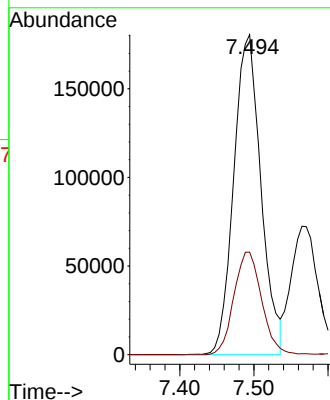
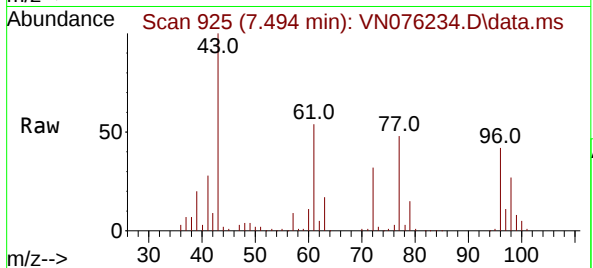
72 32.0 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#26

2,2-Dichloropropane

Concen: 50.084 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076234.D

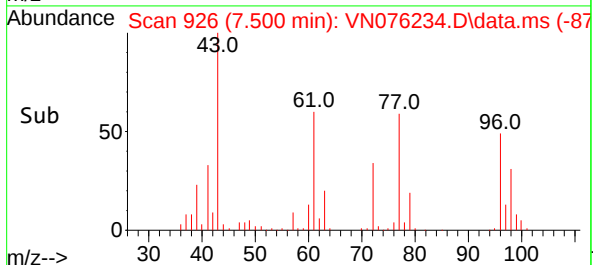
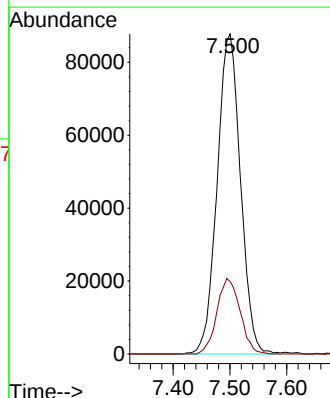
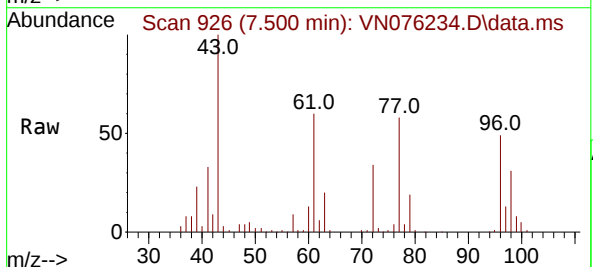
Acq: 12 Jan 2023 17:11

Tgt Ion: 77 Resp: 250655

Ion Ratio Lower Upper

77 100

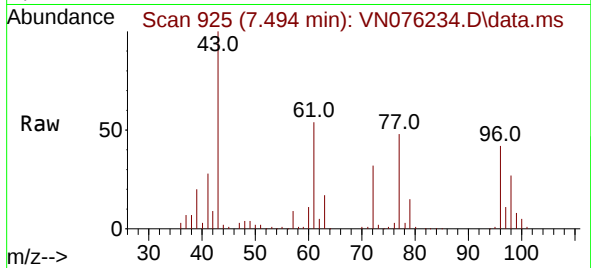
97 23.4 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 48.952 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076234.D
 Acq: 12 Jan 2023 17:11

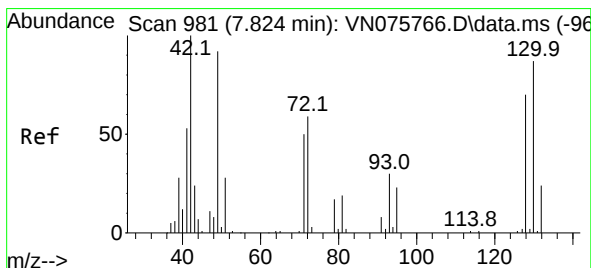
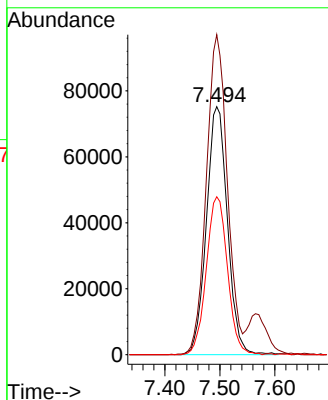
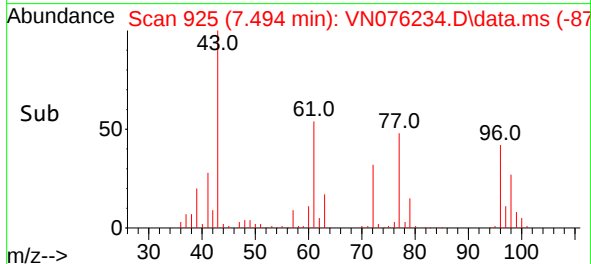
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 20007
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 247.8
 98 64.1 0.0 128.4

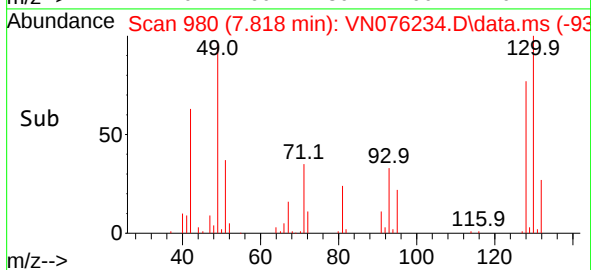
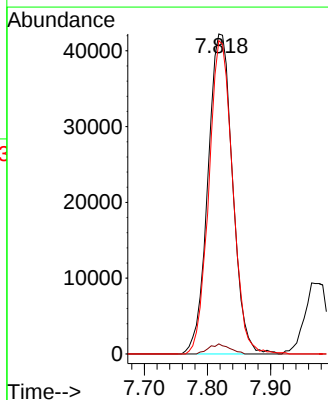
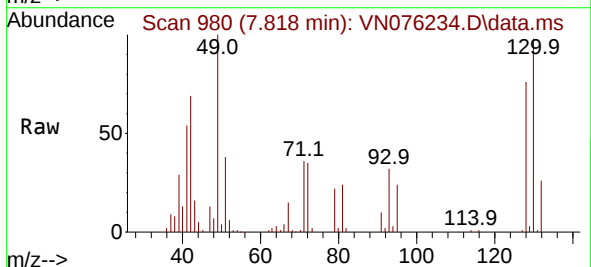
Manual Integrations
 APPROVED

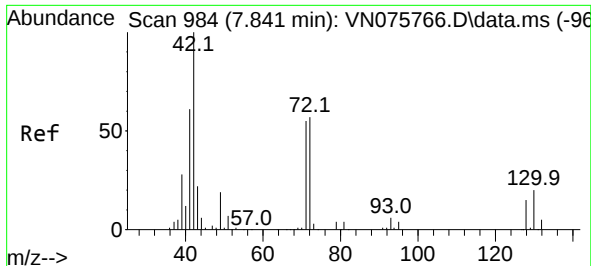
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#28
 Bromochloromethane
 Concen: 44.221 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076234.D
 Acq: 12 Jan 2023 17:11

Tgt Ion: 49 Resp: 114544
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 94.4 77.0 115.4





#29

Tetrahydrofuran

Concen: 254.004 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 29428

Ion Ratio Lower Upper

42 100

72 54.1 44.5 66.7

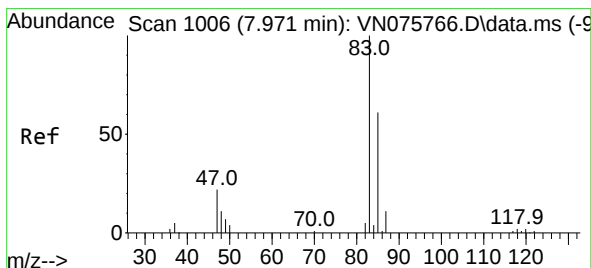
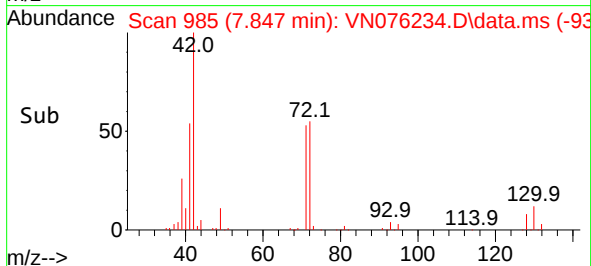
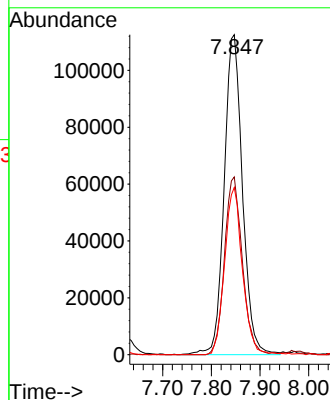
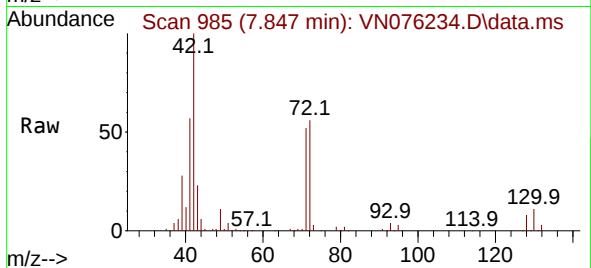
71 50.8 41.0 61.6

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#30

Chloroform

Concen: 48.617 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076234.D

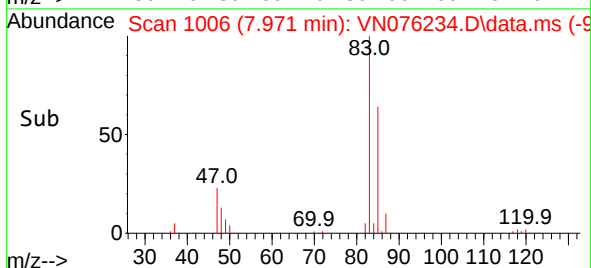
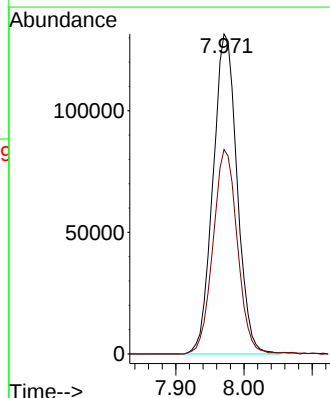
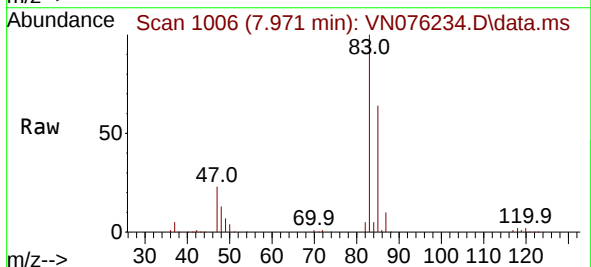
Acq: 12 Jan 2023 17:11

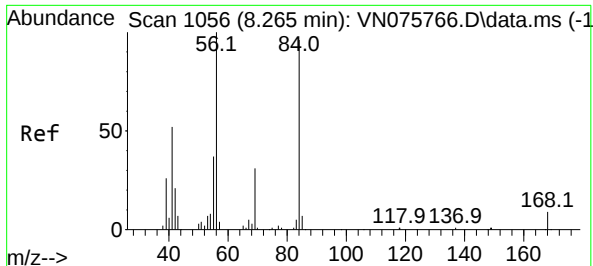
Tgt Ion: 83 Resp: 323488

Ion Ratio Lower Upper

83 100

85 63.9 49.1 73.7





#31

Cyclohexane

Concen: 45.203 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 24796

Ion Ratio Lower Upper

56 100

69 33.7 24.7 37.1

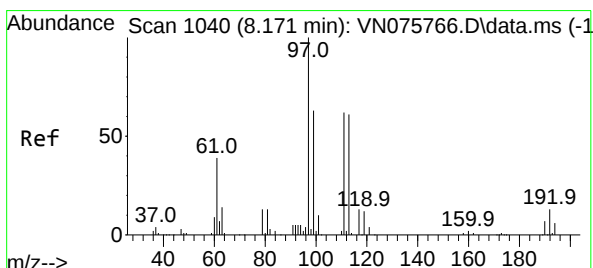
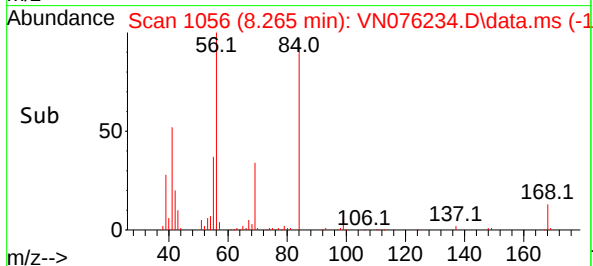
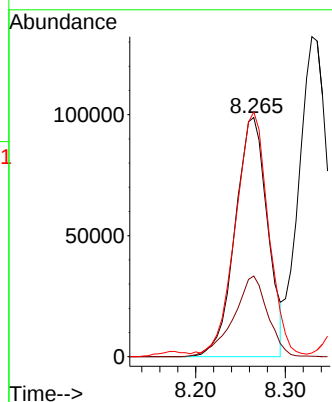
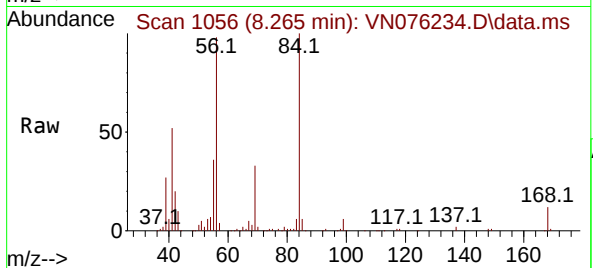
84 100.7 76.5 114.7

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#32

1,1,1-Trichloroethane

Concen: 49.343 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

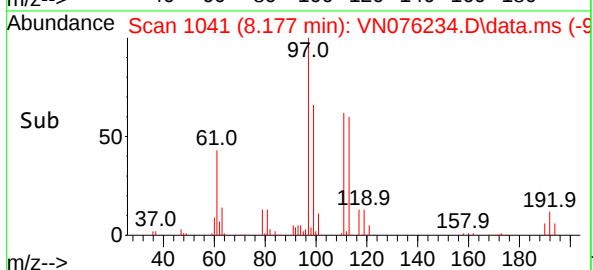
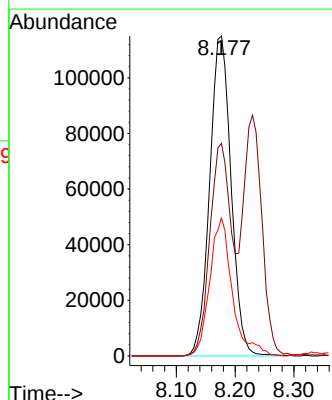
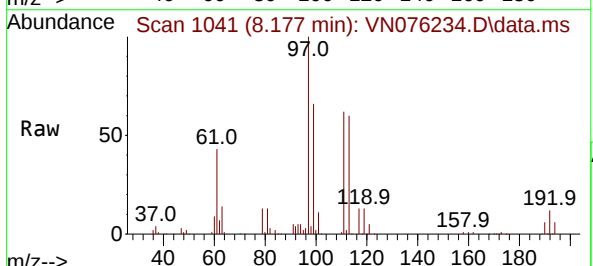
Tgt Ion: 97 Resp: 291073

Ion Ratio Lower Upper

97 100

99 65.1 50.2 75.2

61 45.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.501 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 181944

Ion Ratio Lower Upper

65 100

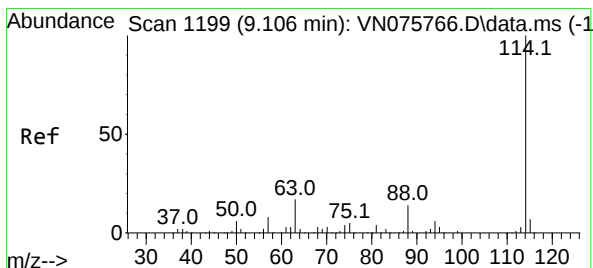
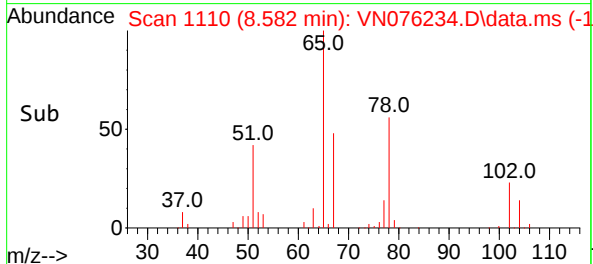
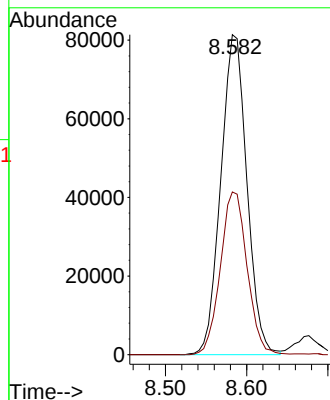
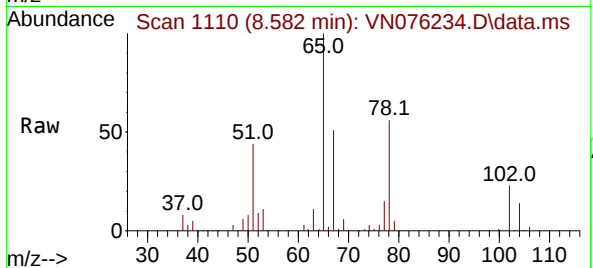
67 52.1 0.0 103.4

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

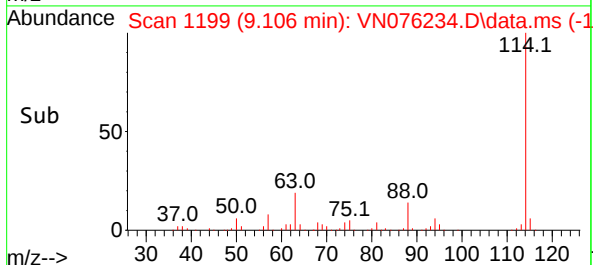
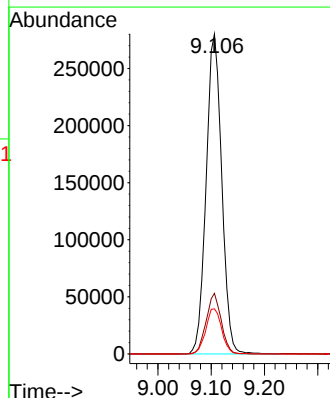
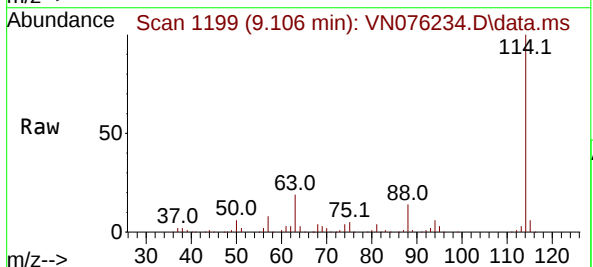
Tgt Ion:114 Resp: 569874

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.4

88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.166 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 16645

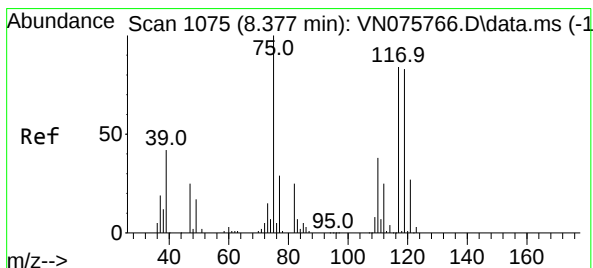
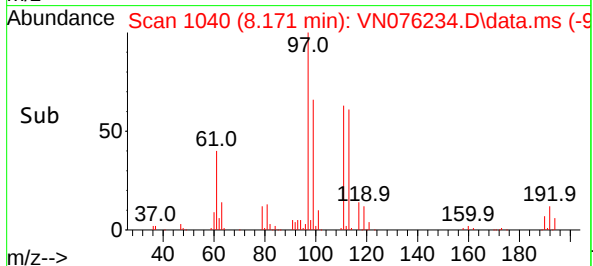
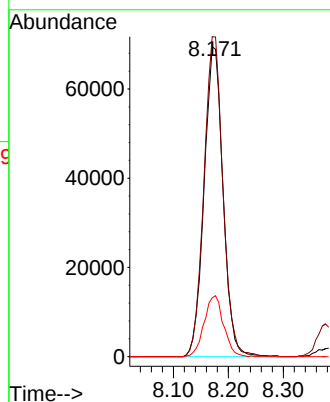
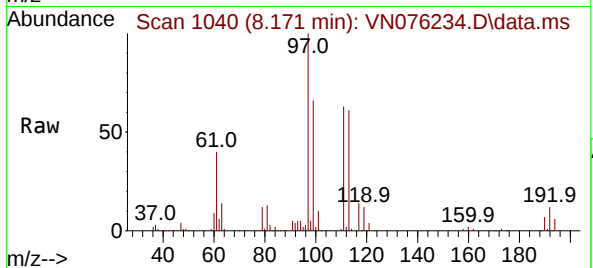
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	20.2	16.1	24.1

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#36

1,1-Dichloropropene

Concen: 48.791 ug/l

RT: 8.377 min Scan# 1075

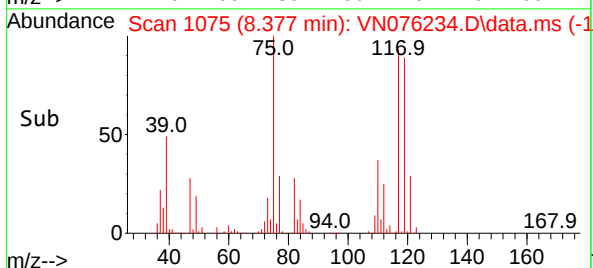
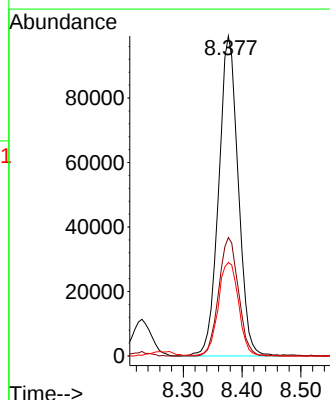
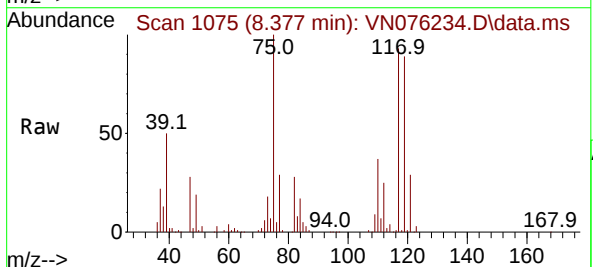
Delta R.T. -0.000 min

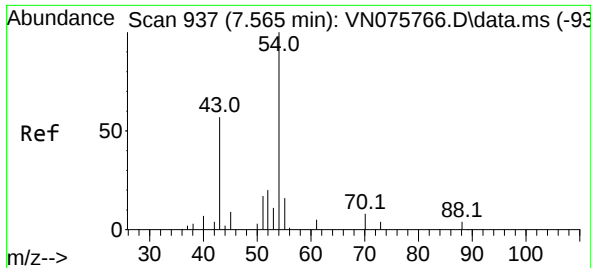
Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Tgt Ion: 75 Resp: 228740

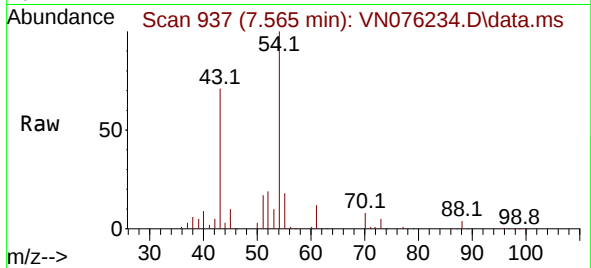
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.8	56.4
77	30.6	24.1	36.1





#37
Ethyl Acetate
Concen: 50.361 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

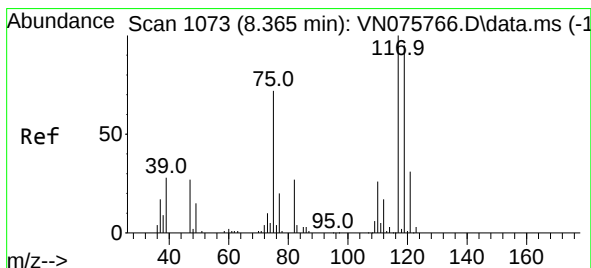
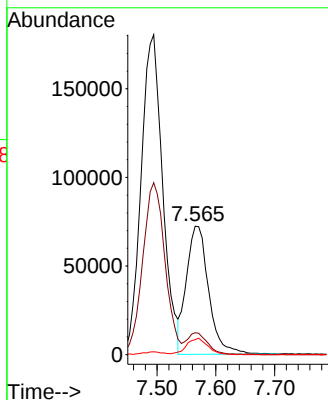
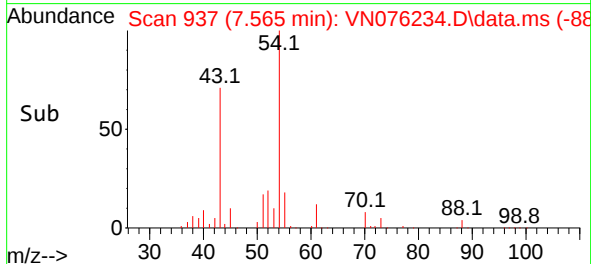
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 18964
Ion Ratio Lower Upper
43 100
61 15.6 13.0 19.4
70 12.2 9.4 14.0

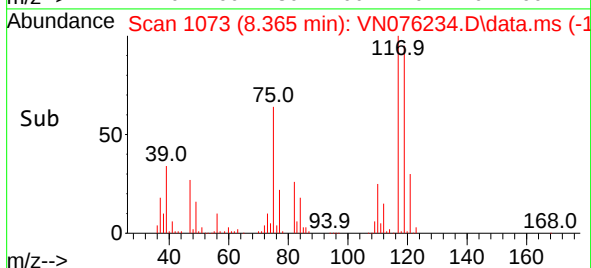
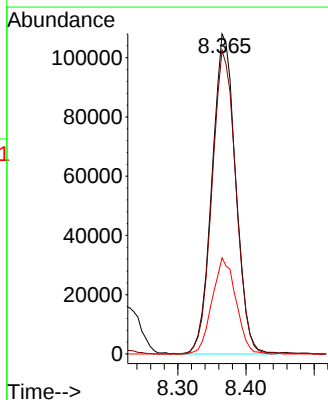
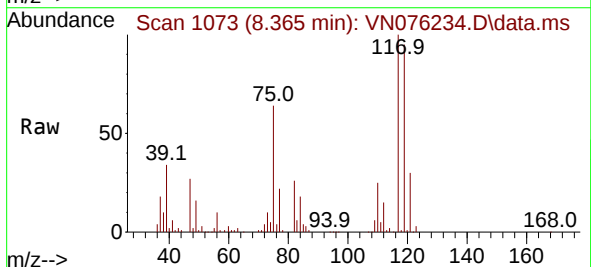
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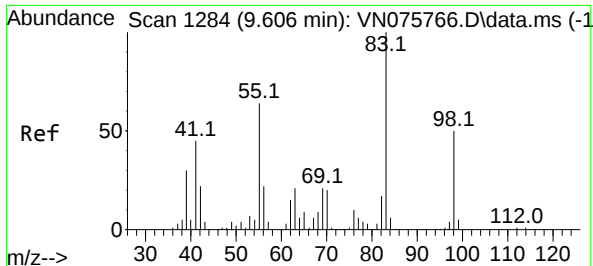
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#38
Carbon Tetrachloride
Concen: 49.707 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion:117 Resp: 260817
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1
121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 50.898 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 28787

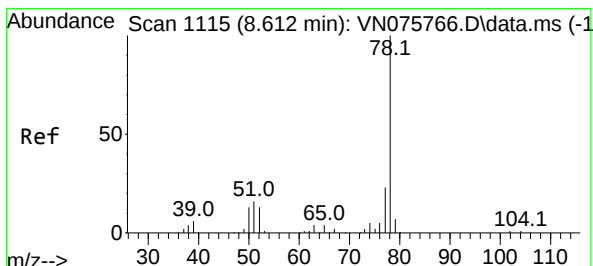
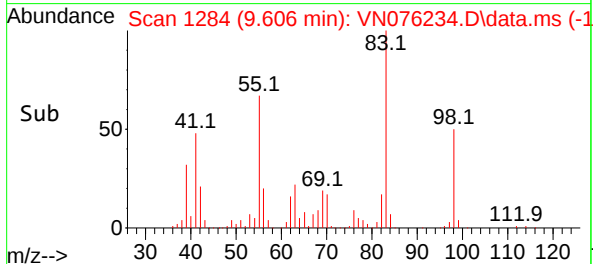
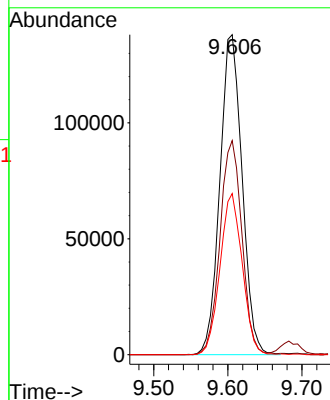
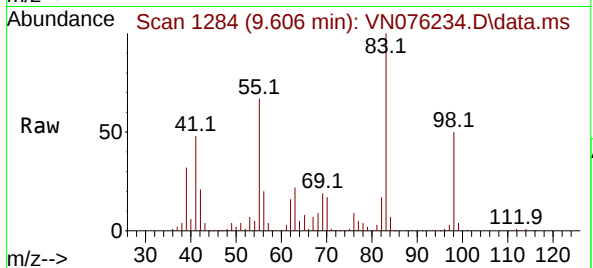
Ion	Ratio	Lower	Upper
83	100		
55	66.9	51.4	77.0
98	50.4	39.8	59.8

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#40

Benzene

Concen: 48.613 ug/l

RT: 8.612 min Scan# 1115

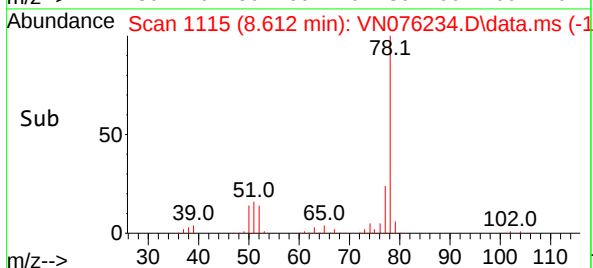
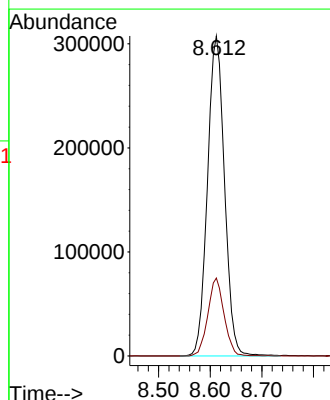
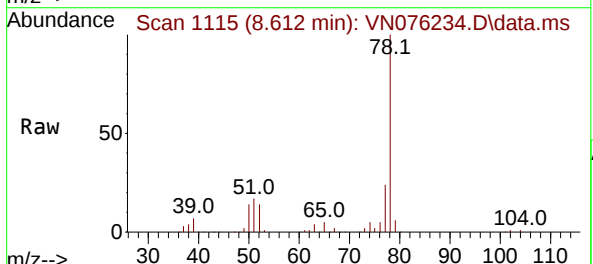
Delta R.T. -0.000 min

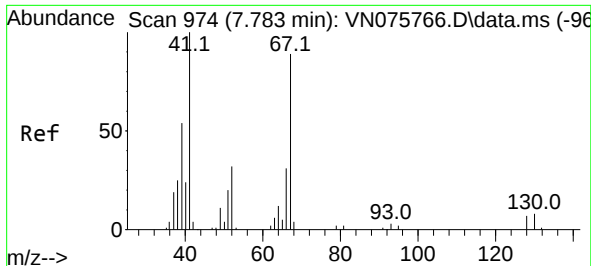
Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Tgt Ion: 78 Resp: 703170

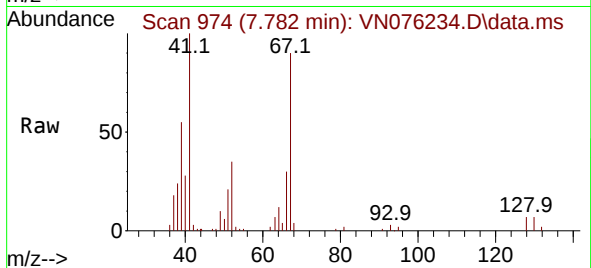
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.5	27.7





#41
Methacrylonitrile
Concen: 51.701 ug/l
RT: 7.782 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

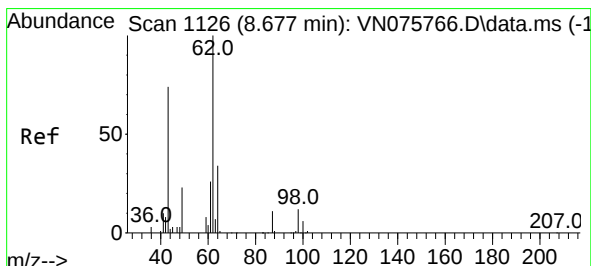
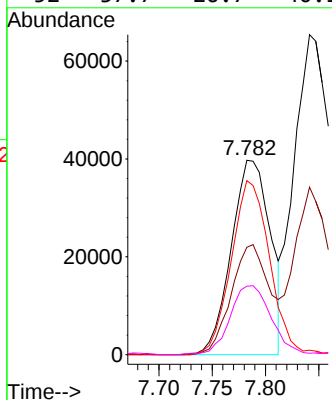
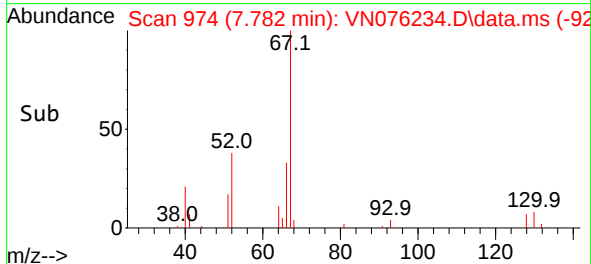
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



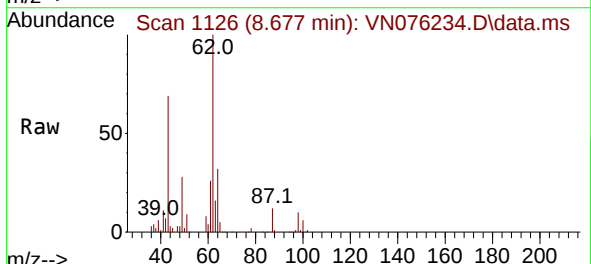
Tgt Ion: 41 Resp: 101198
Ion Ratio Lower Upper
41 100
39 55.3 43.1 64.7
67 88.3 70.7 106.1
52 37.7 26.7 40.1

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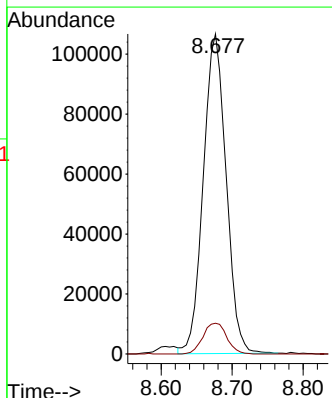
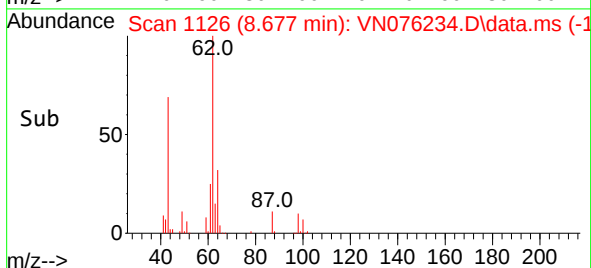
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

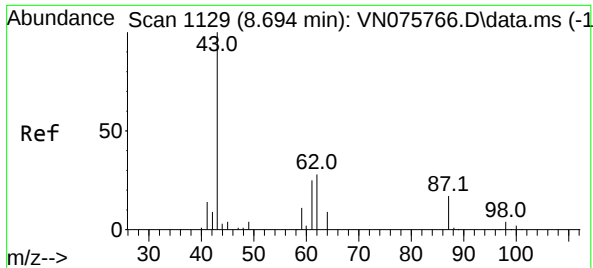


#42
1,2-Dichloroethane
Concen: 49.524 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



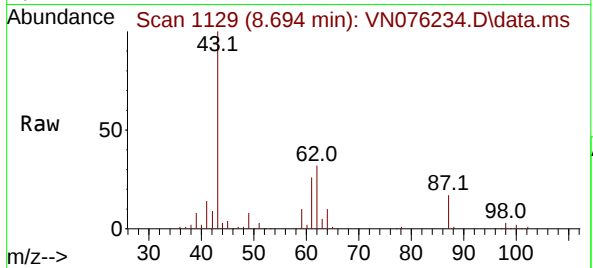
Tgt Ion: 62 Resp: 238152
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8





#43
Isopropyl Acetate
Concen: 51.910 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

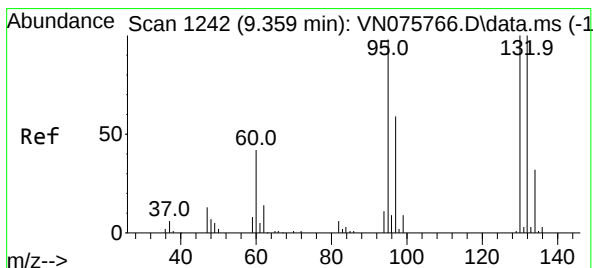
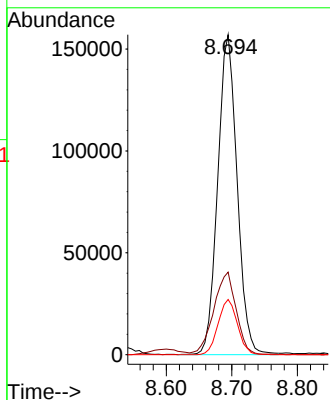
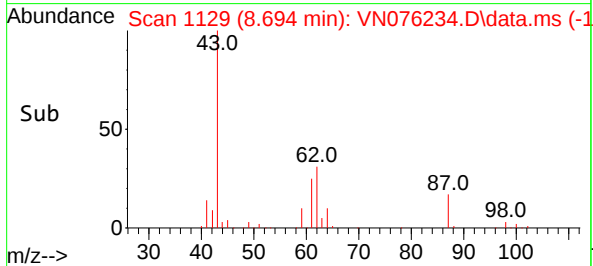
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



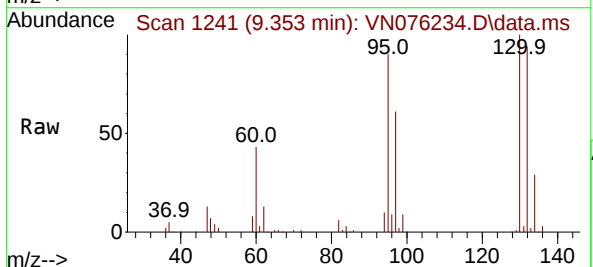
Tgt Ion: 43 Resp: 322454
Ion Ratio Lower Upper
43 100
61 29.5 24.2 36.4
87 17.2 13.3 19.9

Manual Integrations
APPROVED

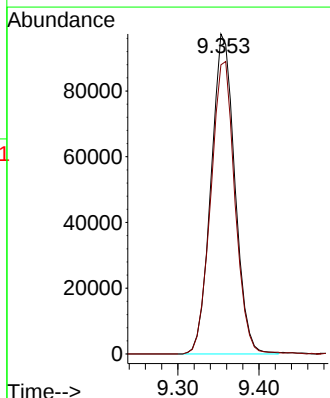
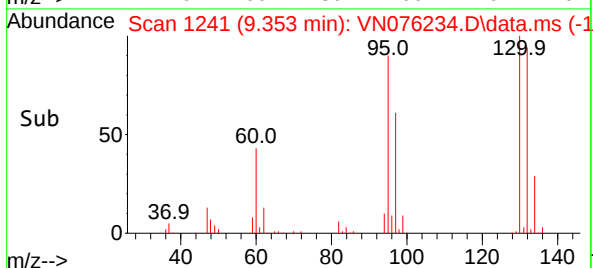
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

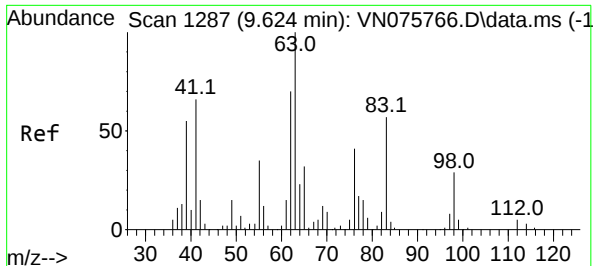


#44
Trichloroethene
Concen: 48.530 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



Tgt Ion:130 Resp: 197754
Ion Ratio Lower Upper
130 100
95 90.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.132 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 169419

Ion Ratio Lower Upper

63 100

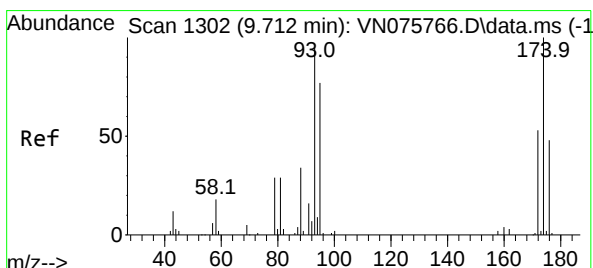
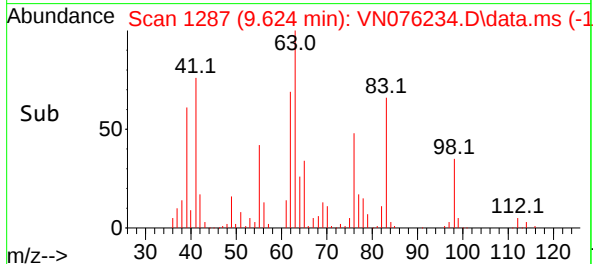
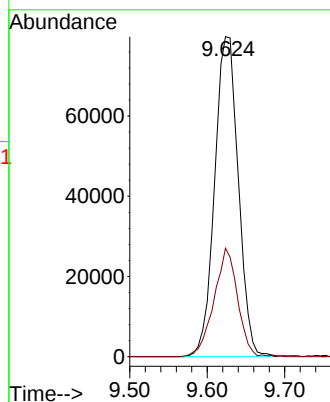
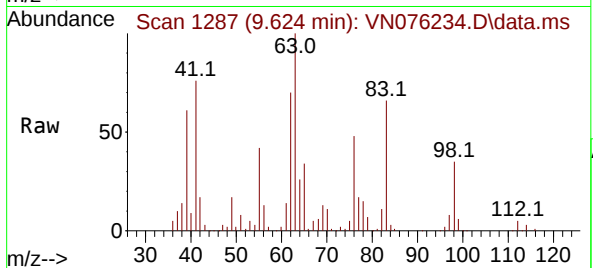
65 33.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#46

Dibromomethane

Concen: 47.617 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

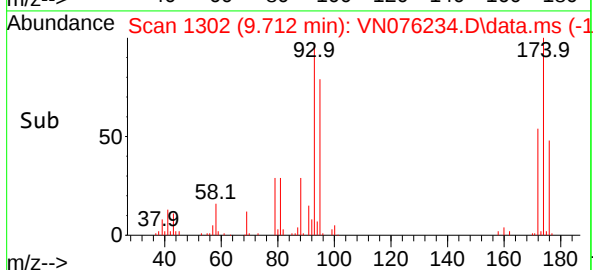
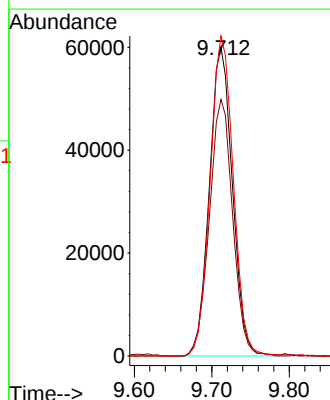
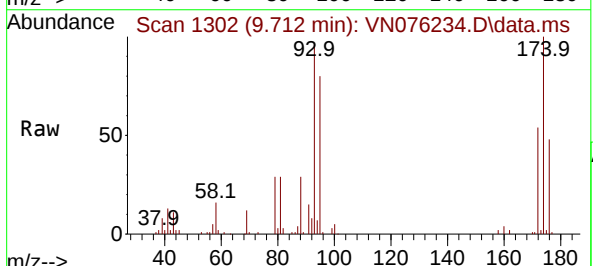
Tgt Ion: 93 Resp: 124314

Ion Ratio Lower Upper

93 100

95 83.6 65.2 97.8

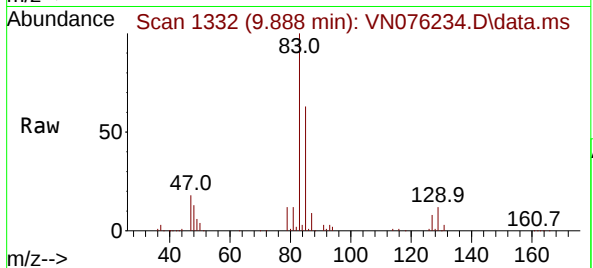
174 103.9 82.4 123.6





#47
Bromodichloromethane
Concen: 50.107 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

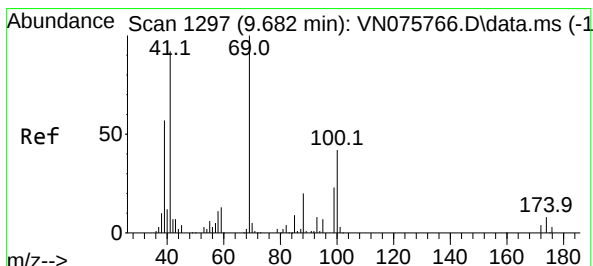
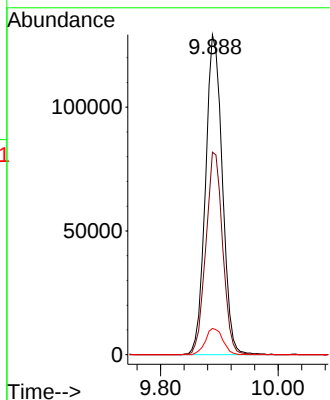
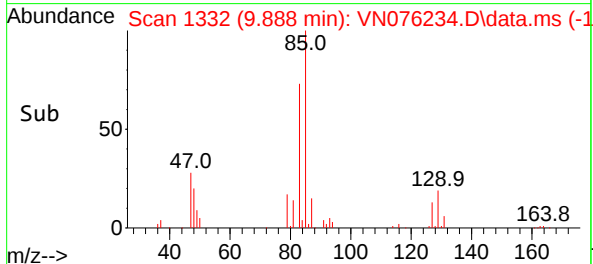
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 256532
Ion Ratio Lower Upper
83 100
85 63.3 51.5 77.3
127 8.2 6.6 10.0

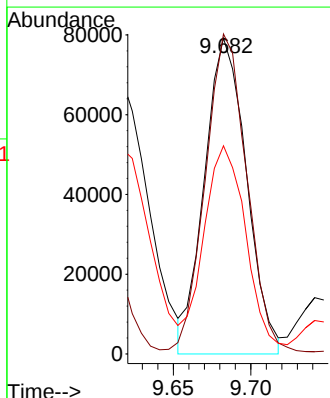
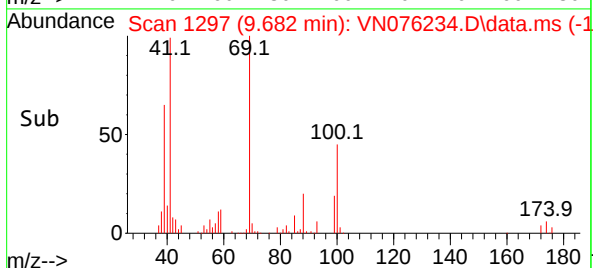
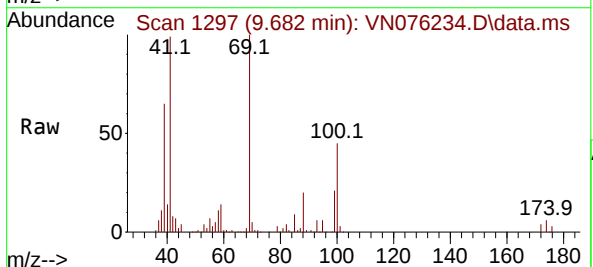
Manual Integrations
APPROVED

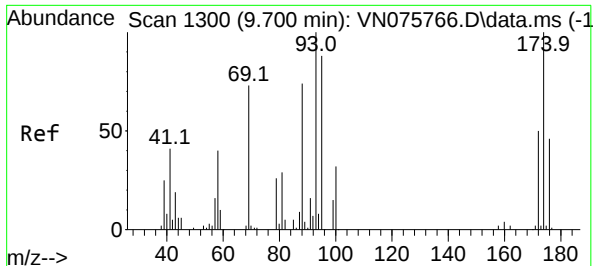
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#48
Methyl methacrylate
Concen: 53.417 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion: 41 Resp: 149447
Ion Ratio Lower Upper
41 100
69 101.5 81.9 122.9
39 67.2 51.6 77.4





#49

1,4-Dioxane

Concen: 930.011 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 6396

Ion Ratio Lower Upper

88 100

43 23.0 17.1 25.7

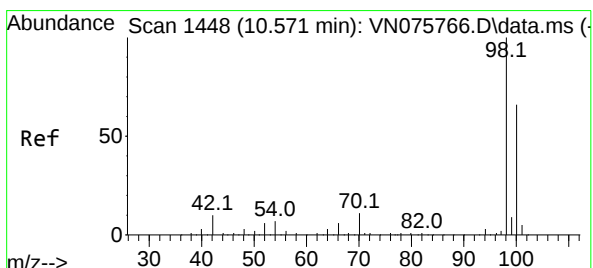
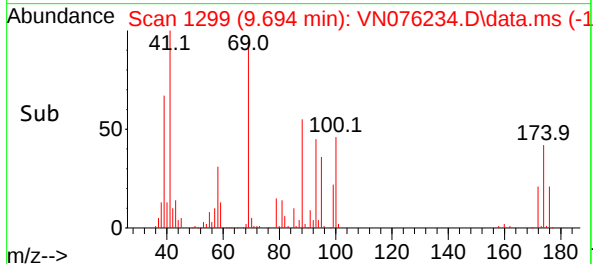
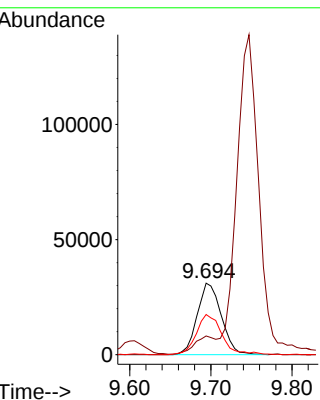
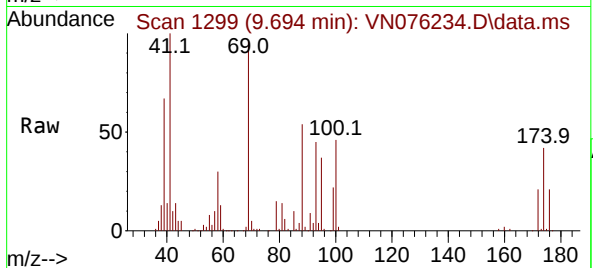
58 59.8 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 45.259 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076234.D

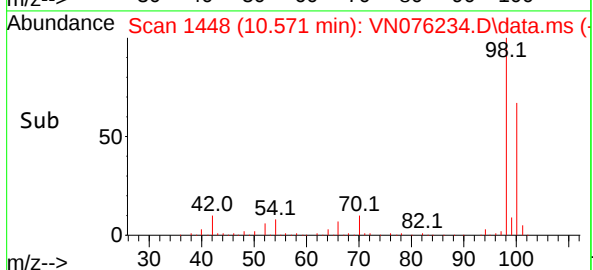
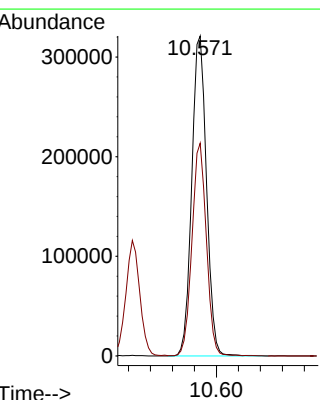
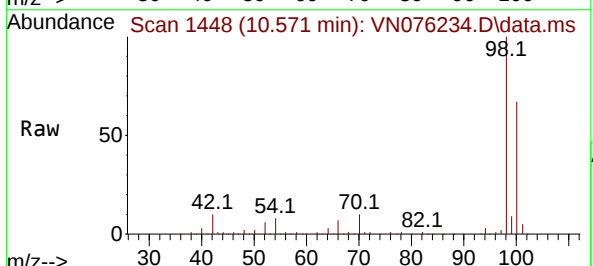
Acq: 12 Jan 2023 17:11

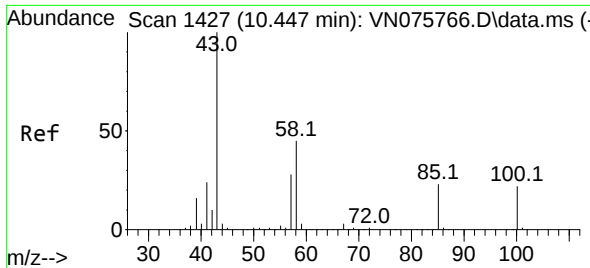
Tgt Ion: 98 Resp: 597198

Ion Ratio Lower Upper

98 100

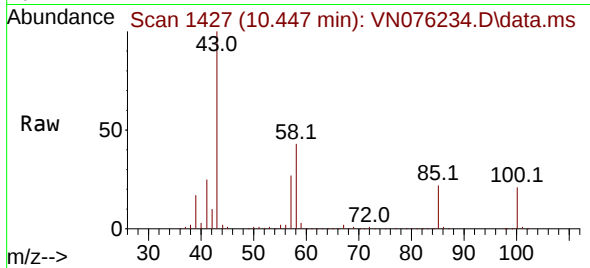
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 258.429 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

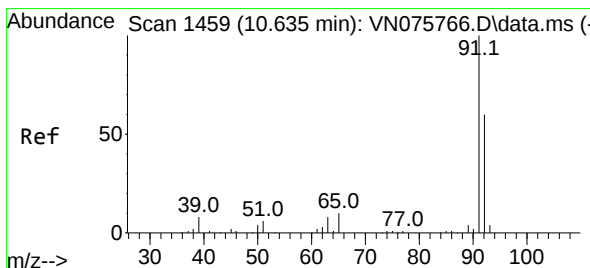
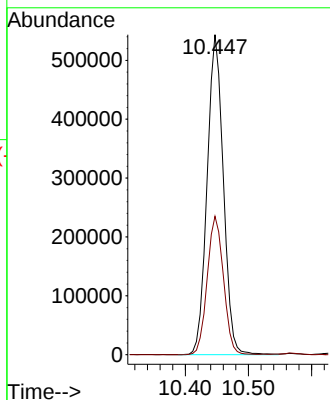
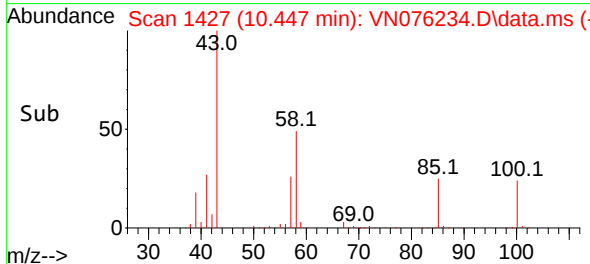
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



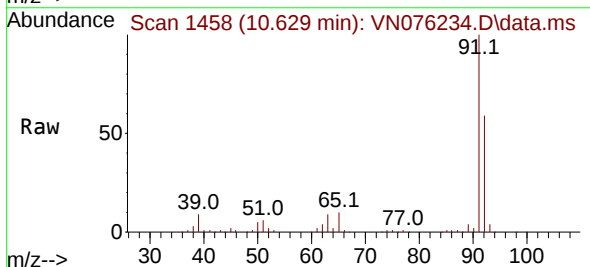
Tgt Ion: 43 Resp: 970827
Ion Ratio Lower Upper
43 100
58 43.3 35.5 53.3

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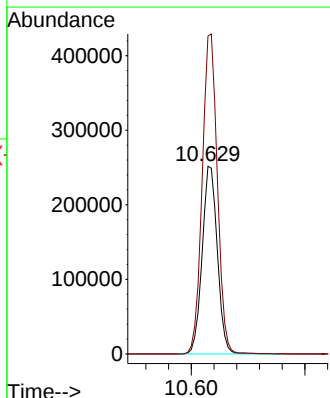
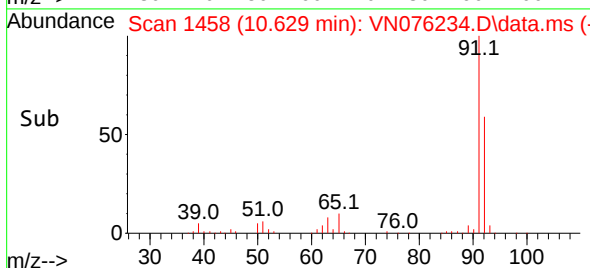
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

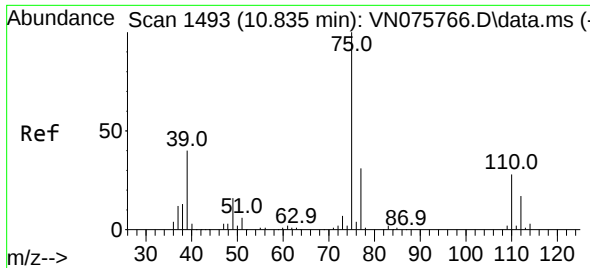


#52
Toluene
Concen: 49.340 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



Tgt Ion: 92 Resp: 464803
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9





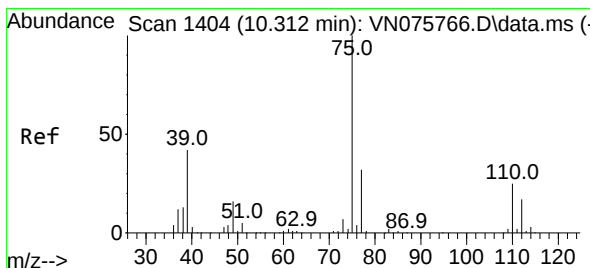
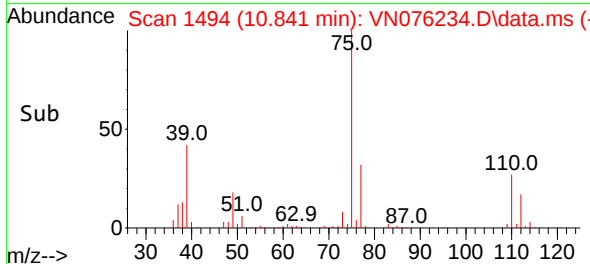
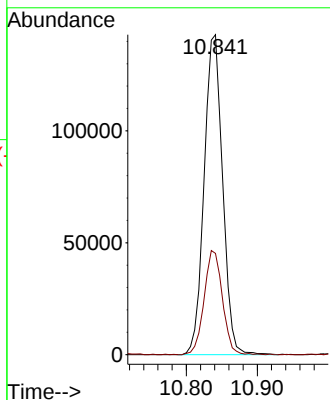
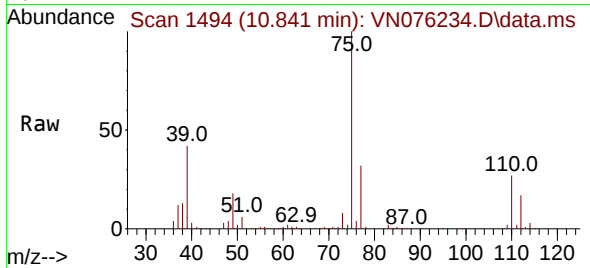
#53
t-1,3-Dichloropropene
Concen: 51.647 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 258832
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3

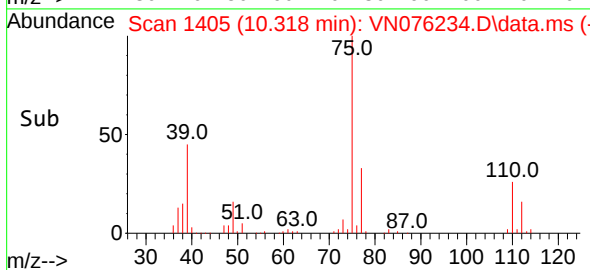
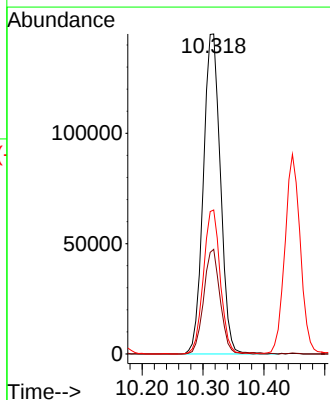
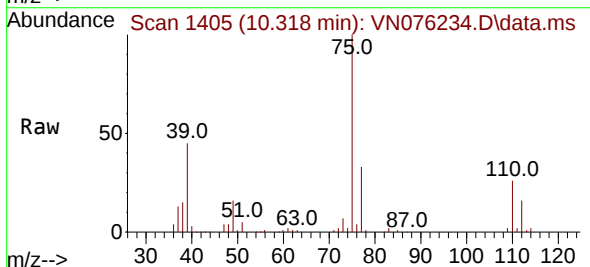
Manual Integrations
APPROVED

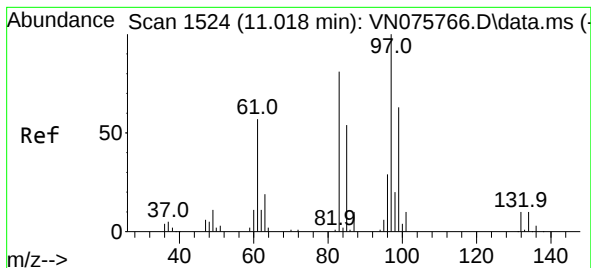
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#54
cis-1,3-Dichloropropene
Concen: 51.405 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

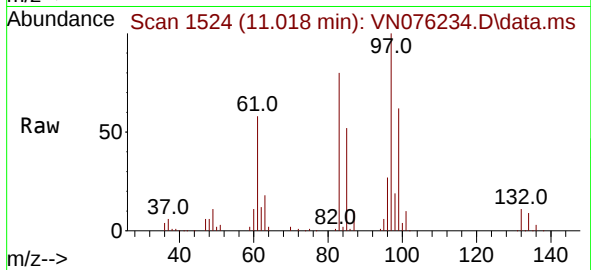
Tgt Ion: 75 Resp: 282851
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
39 45.0 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 49.140 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

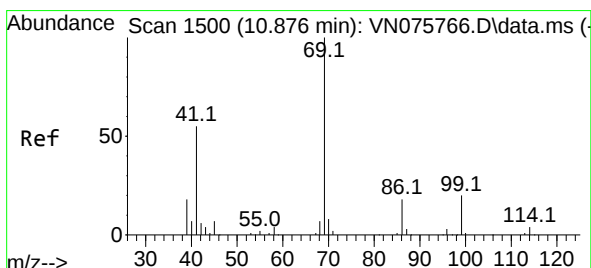
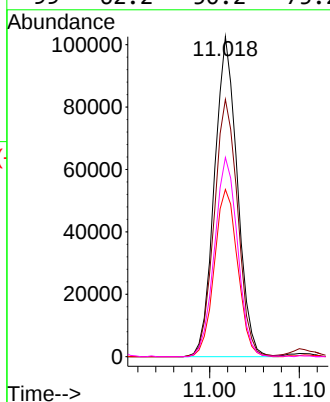
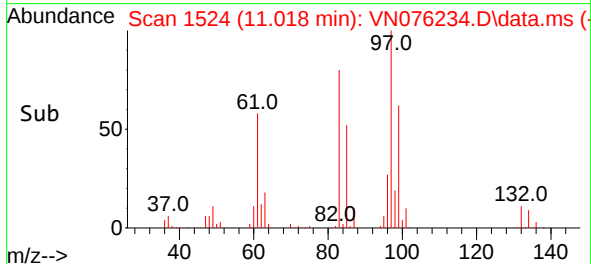
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



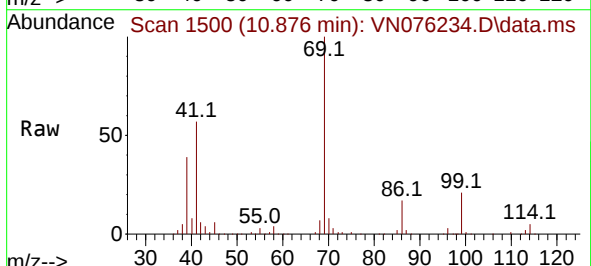
Tgt Ion: 97 Resp: 181697
Ion Ratio Lower Upper
97 100
83 80.4 65.0 97.4
85 52.3 43.0 64.6
99 62.2 50.2 75.2

Manual Integrations
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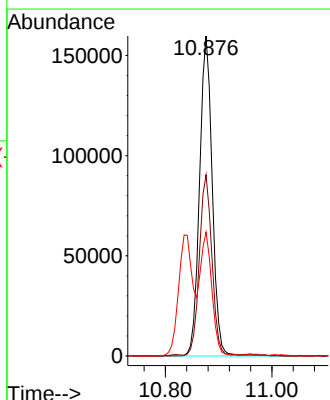
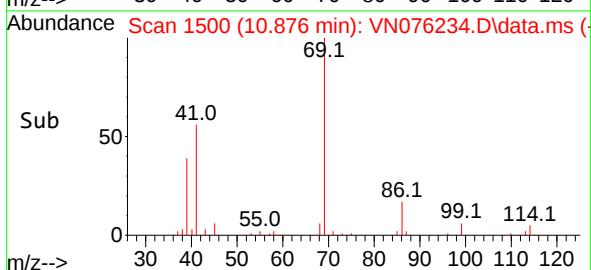
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

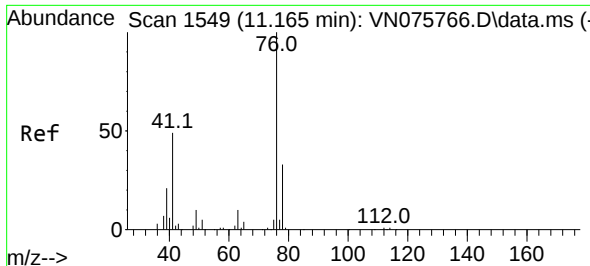


#56
Ethyl methacrylate
Concen: 53.607 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



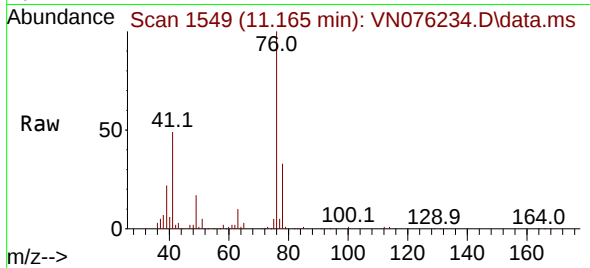
Tgt Ion: 69 Resp: 263281
Ion Ratio Lower Upper
69 100
41 55.4 44.2 66.4
39 34.6 26.4 39.6





#57
1,3-Dichloropropane
Concen: 49.560 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

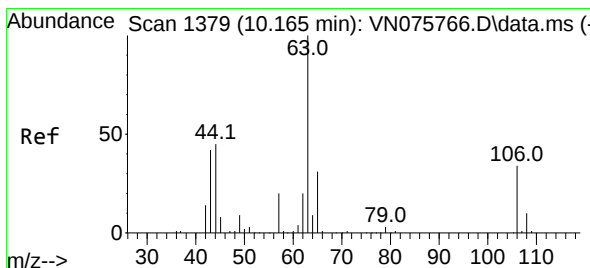
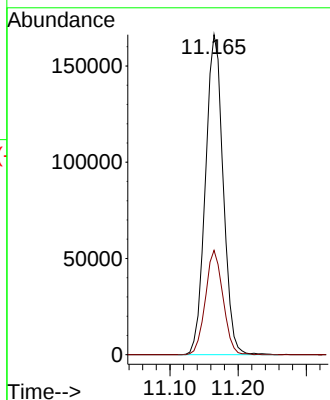
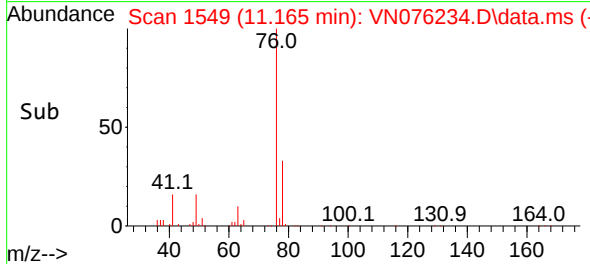
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 300588
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

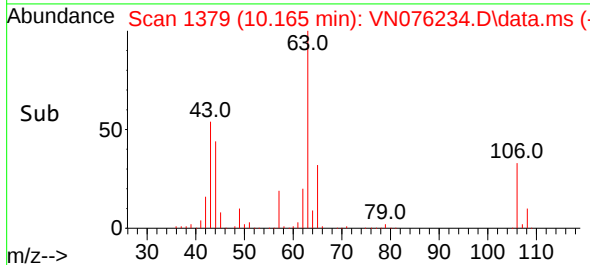
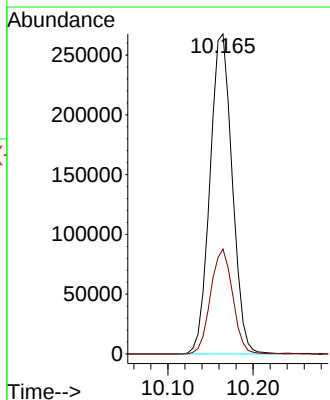
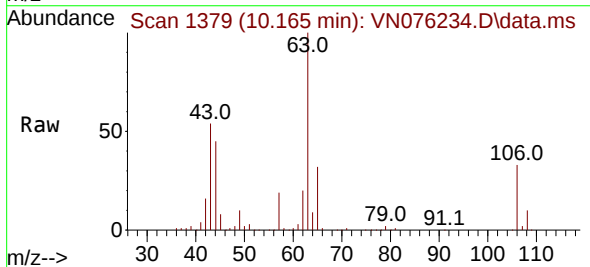
Manual Integrations
APPROVED

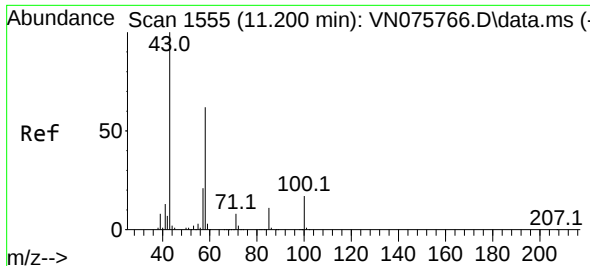
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 310.669 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

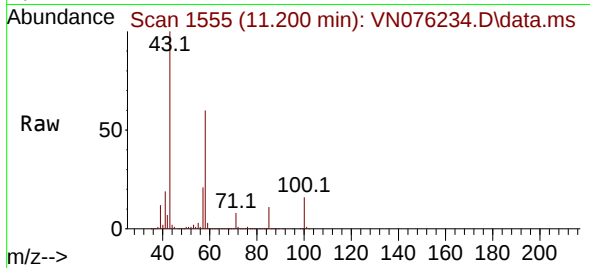
Tgt Ion: 63 Resp: 485786
Ion Ratio Lower Upper
63 100
106 32.5 26.4 39.6





#59
2-Hexanone
Concen: 259.309 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

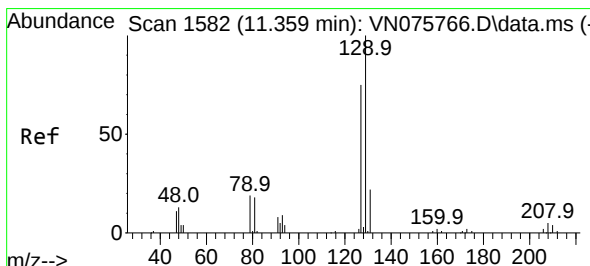
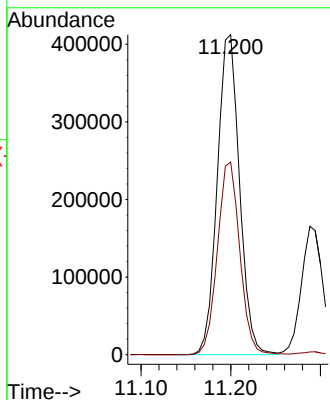
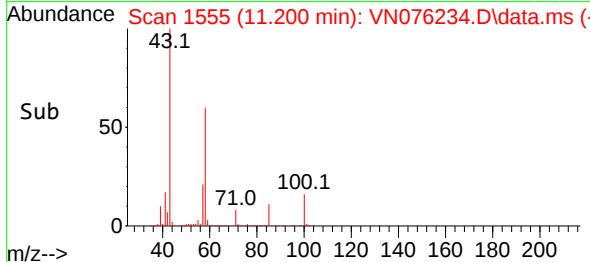
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 71040
Ion Ratio Lower Upper
43 100
58 60.6 30.6 92.0

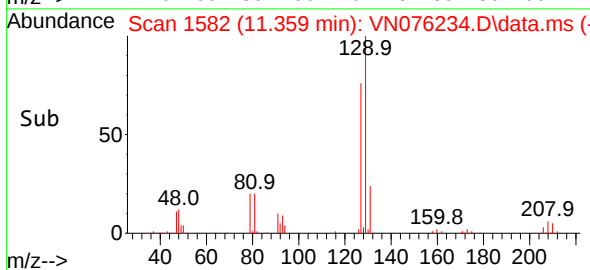
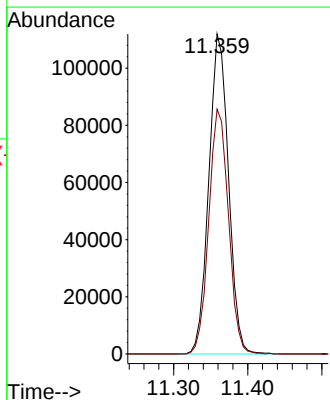
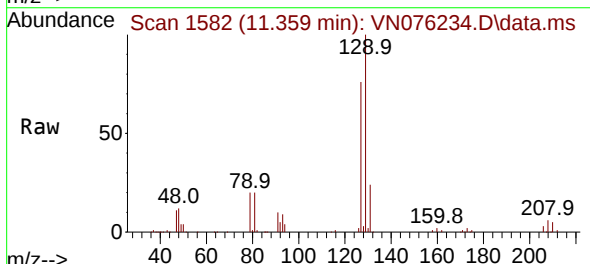
Manual Integrations
APPROVED

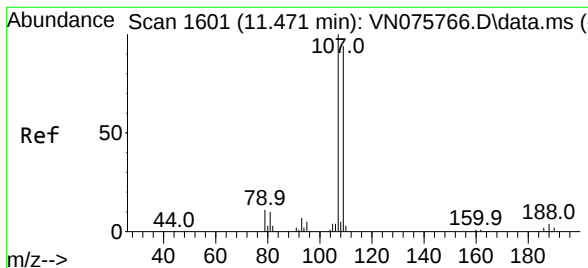
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#60
Dibromochloromethane
Concen: 50.082 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

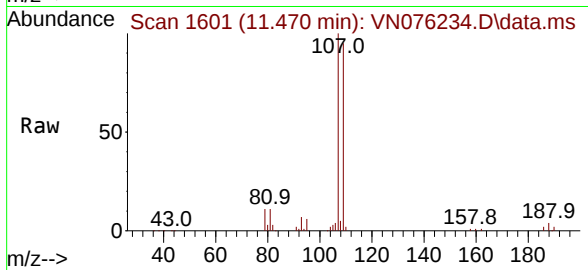
Tgt Ion:129 Resp: 205936
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 49.632 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

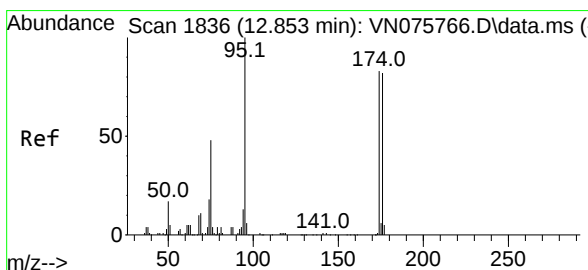
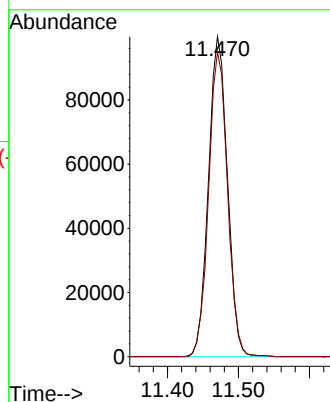
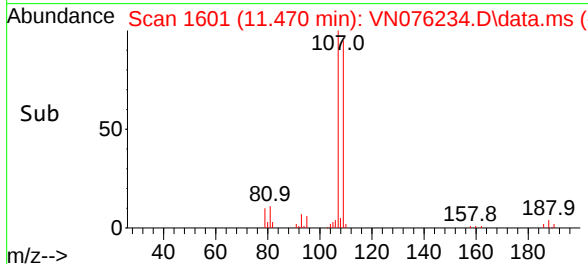
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



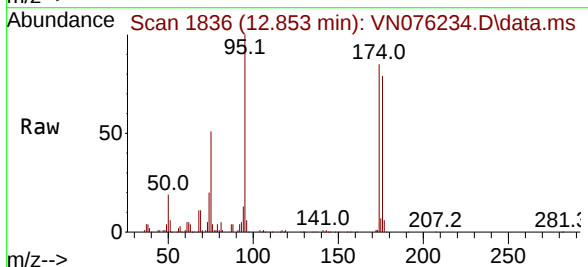
Tgt Ion:107 Resp: 185714
Ion Ratio Lower Upper
107 100
109 94.8 74.8 112.2

Manual Integrations
APPROVED

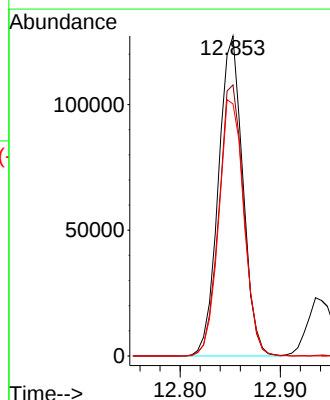
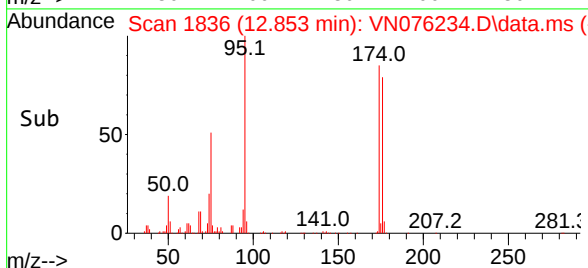
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

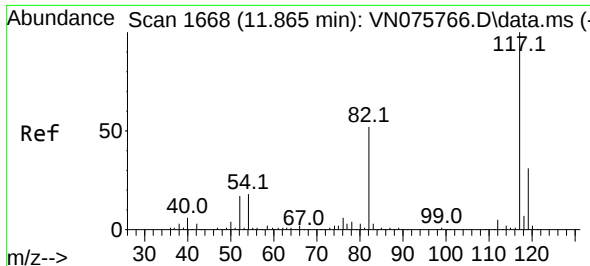


#62
4-Bromofluorobenzene
Concen: 49.224 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



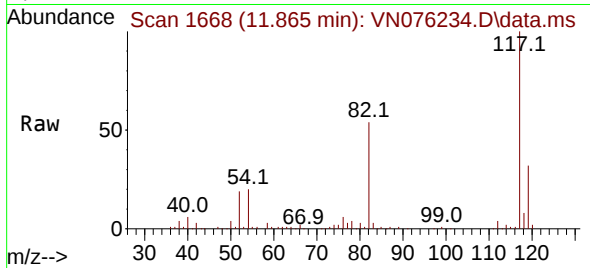
Tgt Ion: 95 Resp: 215128
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 82.6 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

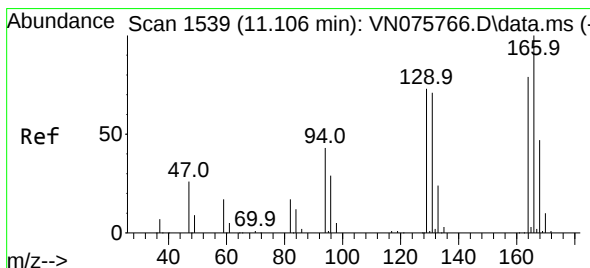
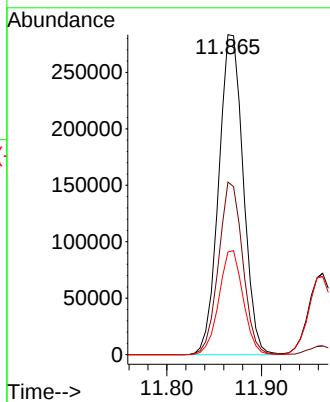
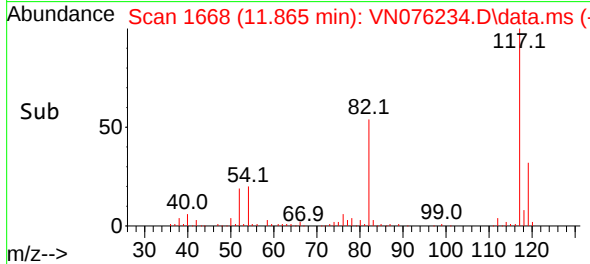
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



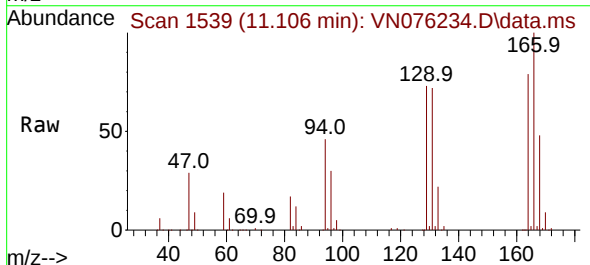
Tgt Ion:117 Resp: 510889
Ion Ratio Lower Upper
117 100
82 54.0 41.3 61.9
119 32.1 24.6 37.0

Manual Integrations
APPROVED

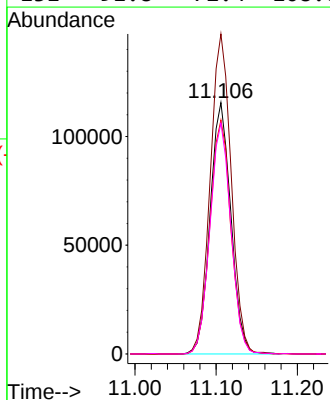
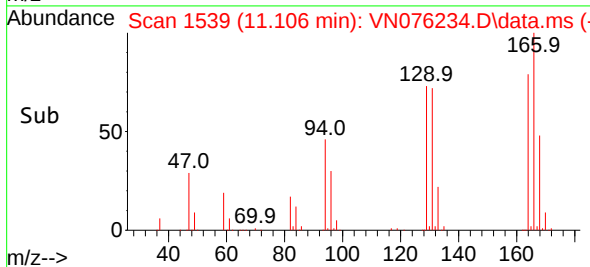
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

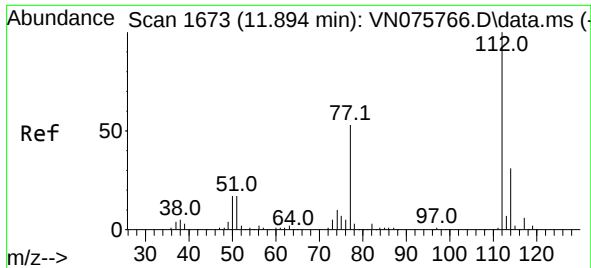


#64
Tetrachloroethene
Concen: 57.343 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



Tgt Ion:164 Resp: 206150
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 93.1 74.2 111.2
131 91.8 72.4 108.6





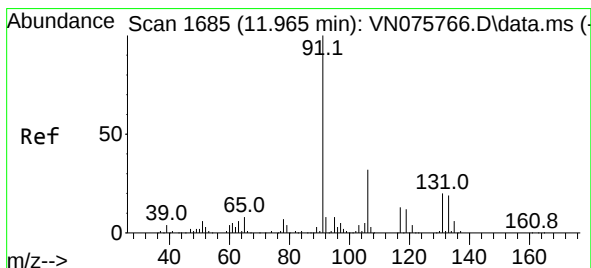
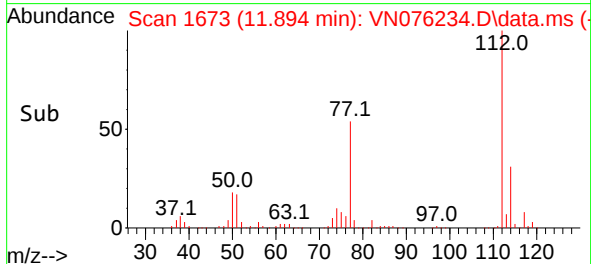
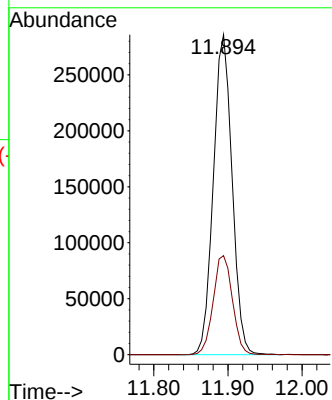
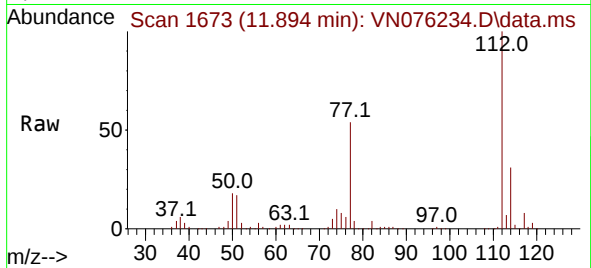
#65
Chlorobenzene
Concen: 47.860 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 501852
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1

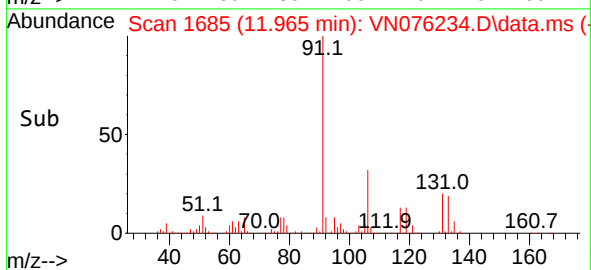
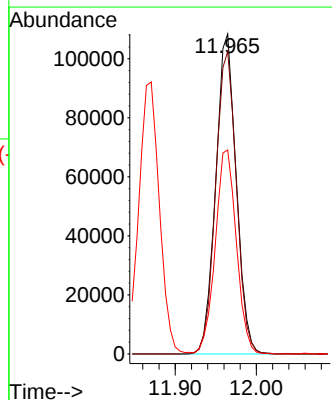
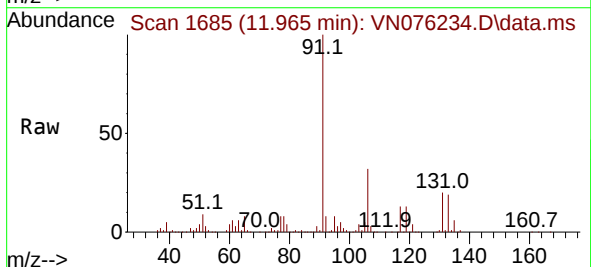
Manual Integrations
APPROVED

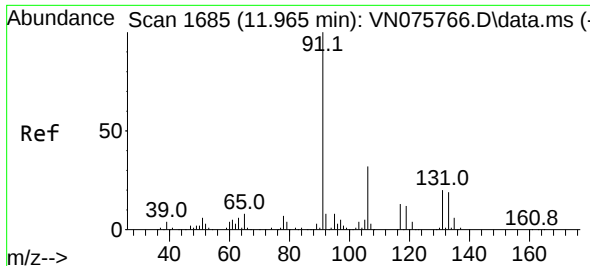
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.087 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

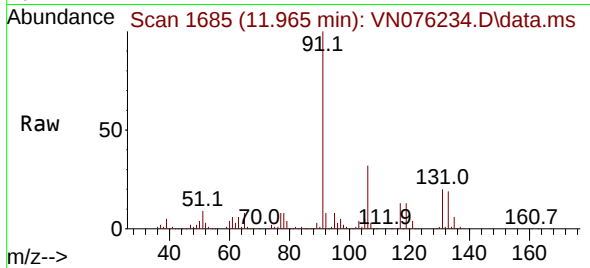
Tgt Ion:131 Resp: 190649
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 65.5 31.9 95.7





#67
Ethyl Benzene
Concen: 50.709 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

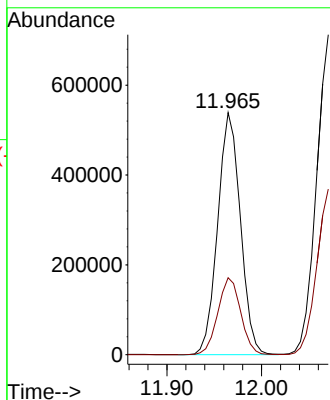
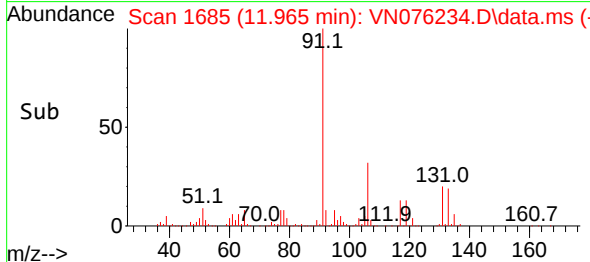
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



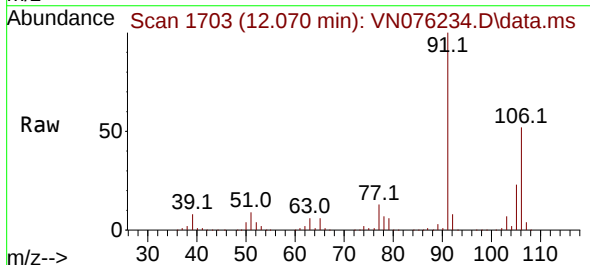
Tgt Ion: 91 Resp: 897425
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5

Manual Integrations
APPROVED

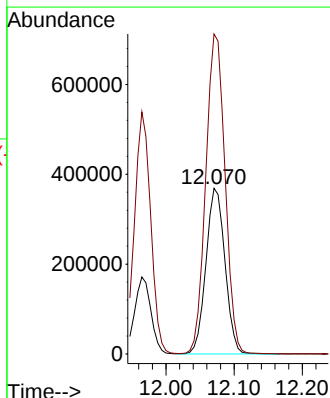
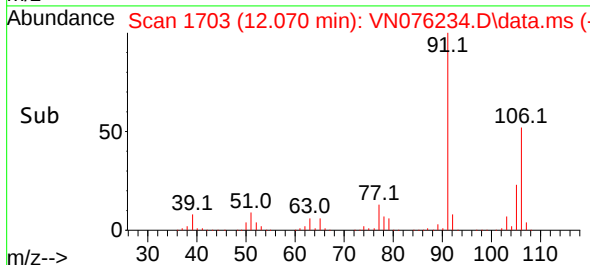
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

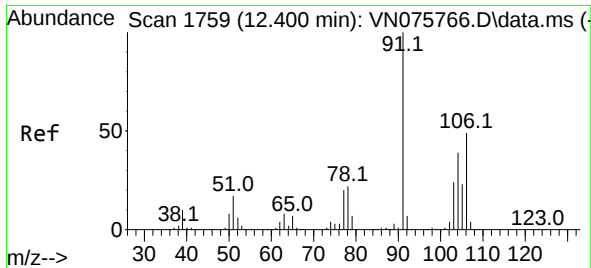


#68
m/p-Xylenes
Concen: 102.084 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



Tgt Ion:106 Resp: 715062
Ion Ratio Lower Upper
106 100
91 196.4 156.6 235.0





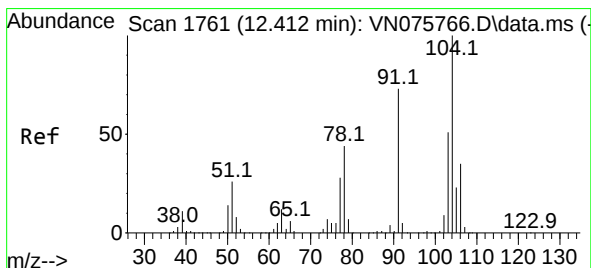
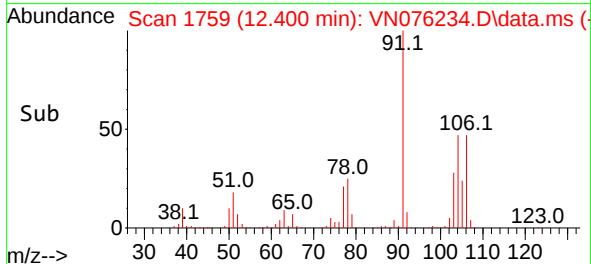
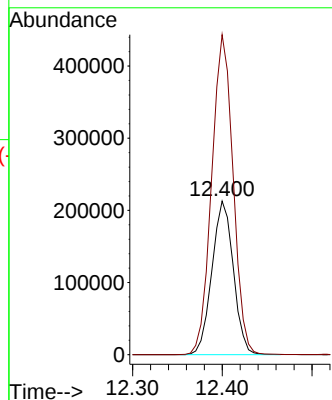
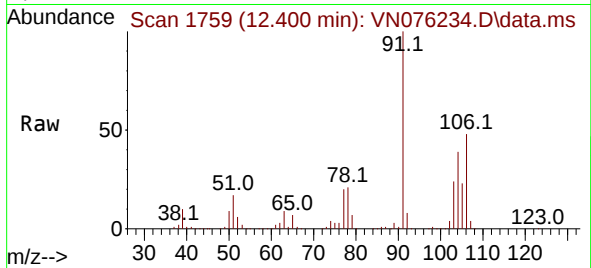
#69
o-Xylene
Concen: 50.930 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 353040
Ion Ratio Lower Upper
106 100
91 208.5 103.8 311.6

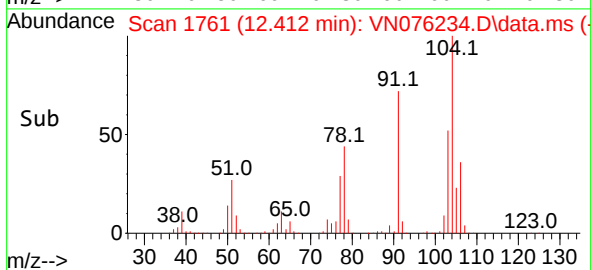
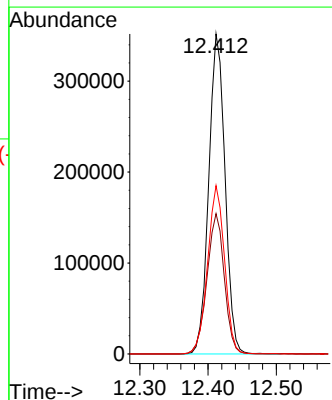
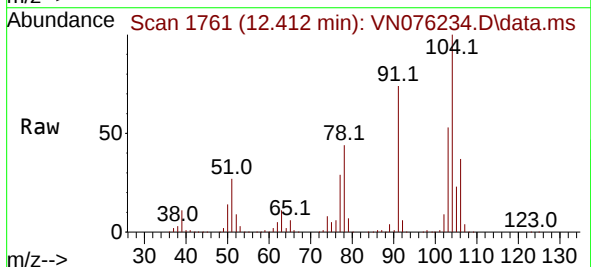
Manual Integrations
APPROVED

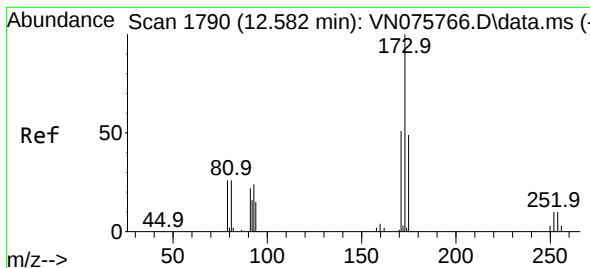
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#70
Styrene
Concen: 53.090 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion:104 Resp: 585146
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.9 43.5 65.3





#71

Bromoform

Concen: 52.150 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 147380

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.8

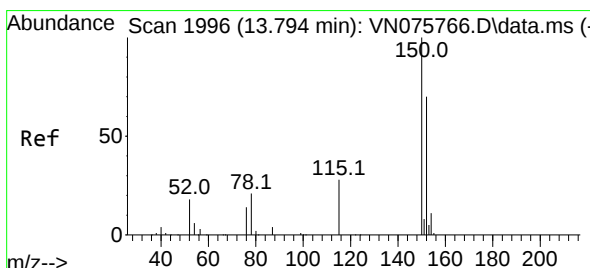
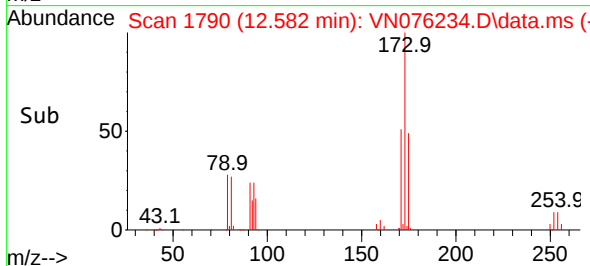
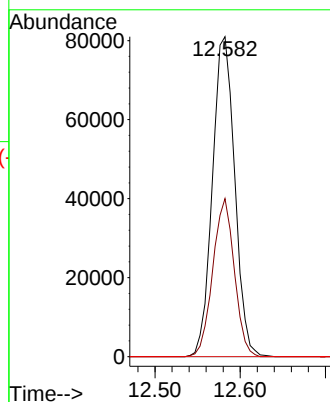
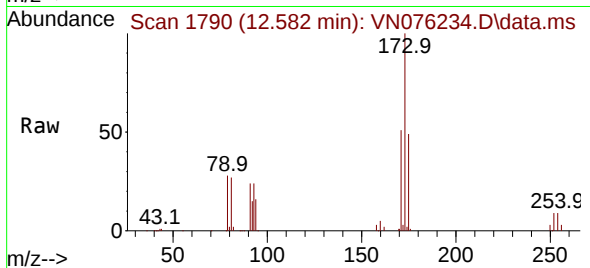
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

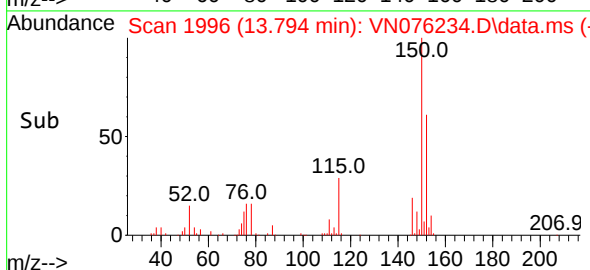
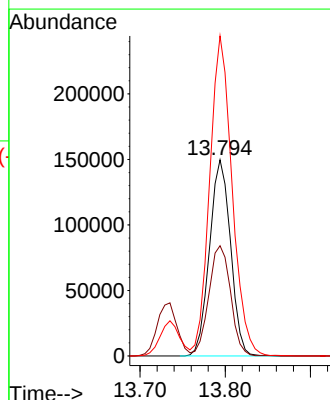
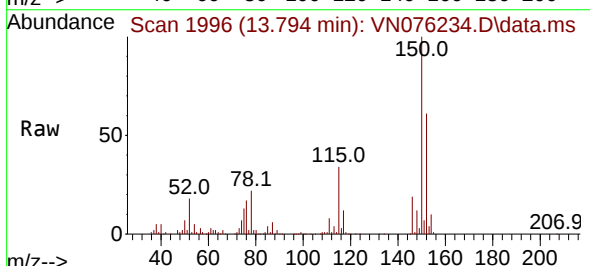
Tgt Ion:152 Resp: 256791

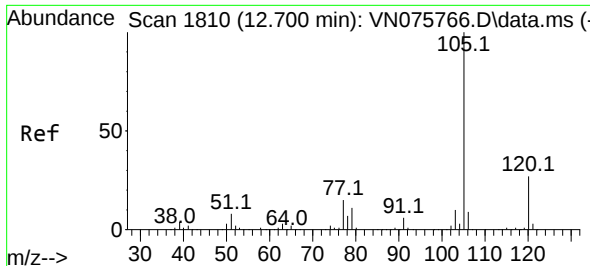
Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

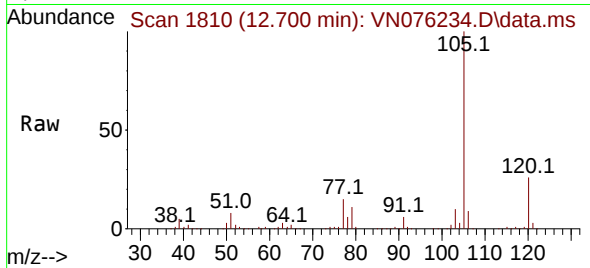
150 173.9 0.0 347.0





#73
Isopropylbenzene
Concen: 50.456 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

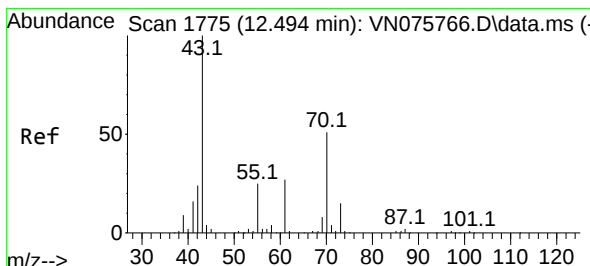
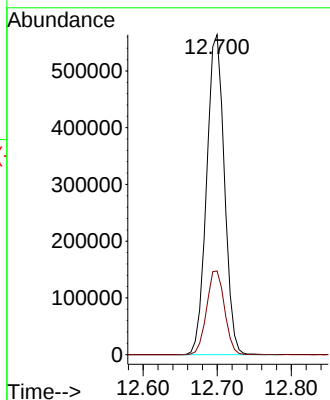
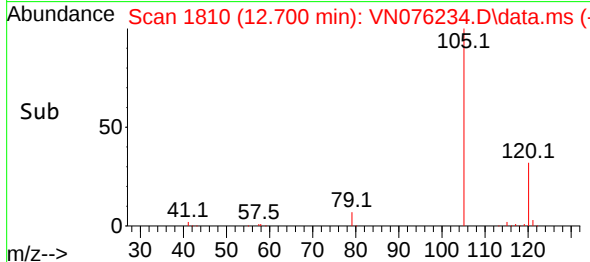
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



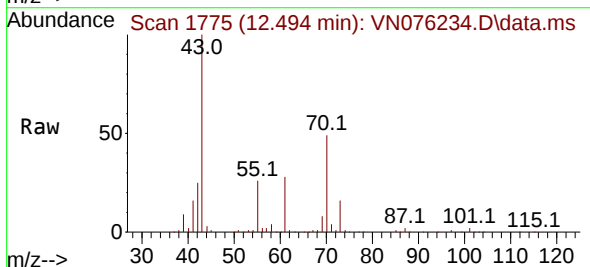
Tgt Ion:105 Resp: 936309
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

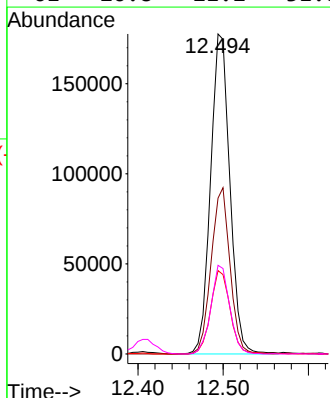
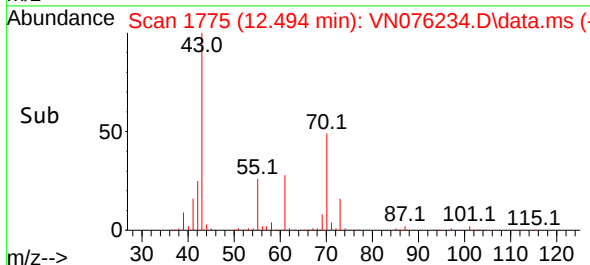
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

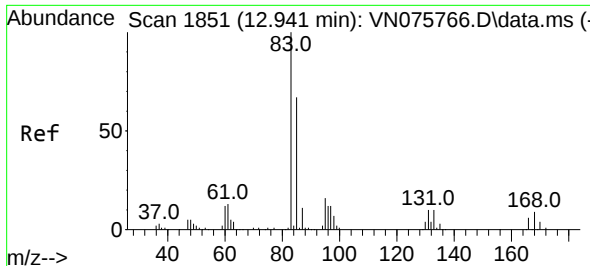


#74
N-ethyl acetate
Concen: 51.555 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



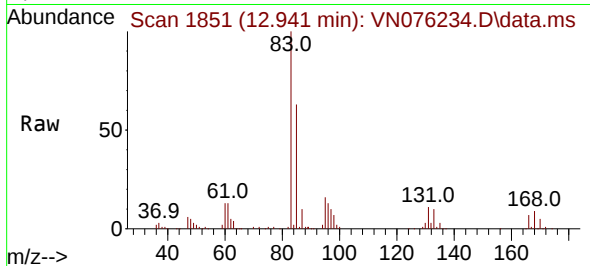
Tgt Ion: 43 Resp: 280664
Ion Ratio Lower Upper
43 100
70 50.7 41.4 62.0
55 26.1 21.3 31.9
61 26.8 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.430 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

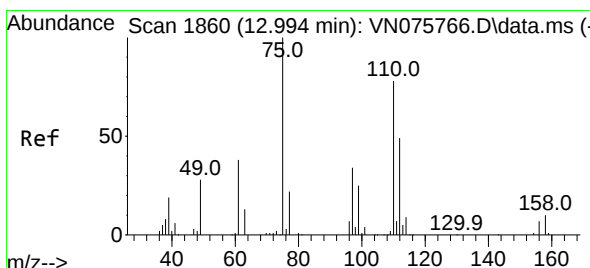
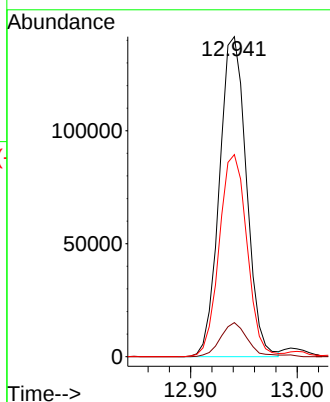
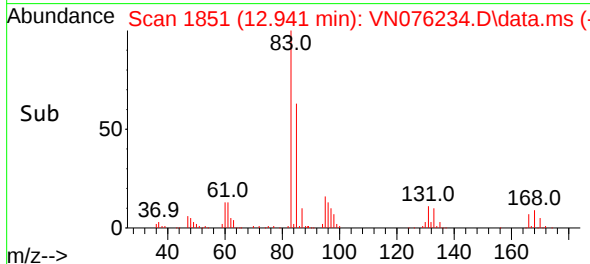
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 24914
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.9 32.6 98.0

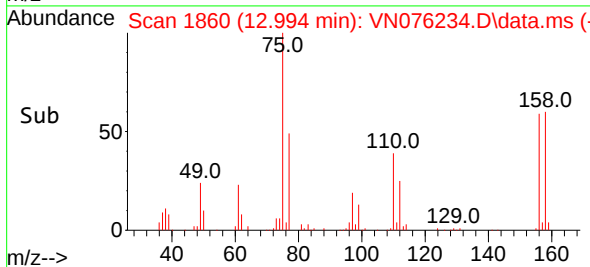
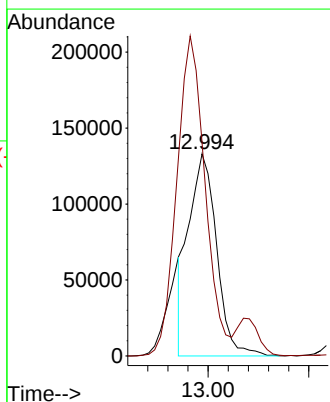
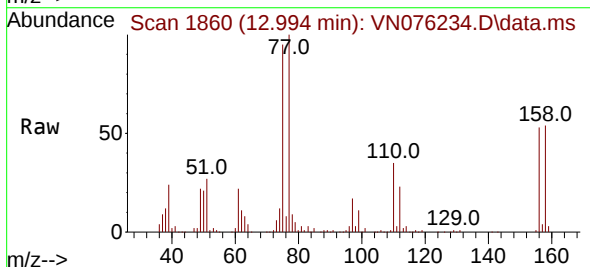
Manual Integrations
APPROVED

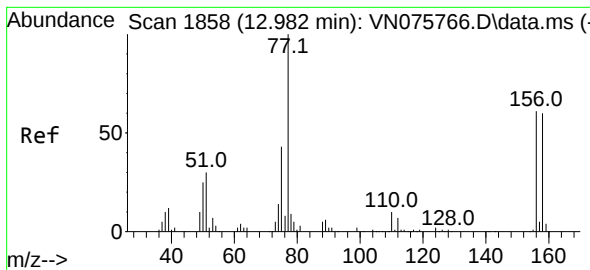
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#76
1,2,3-Trichloropropane
Concen: 49.642 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion: 75 Resp: 256963
Ion Ratio Lower Upper
75 100
77 160.6 82.6 247.8





#77

Bromobenzene

Concen: 47.373 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

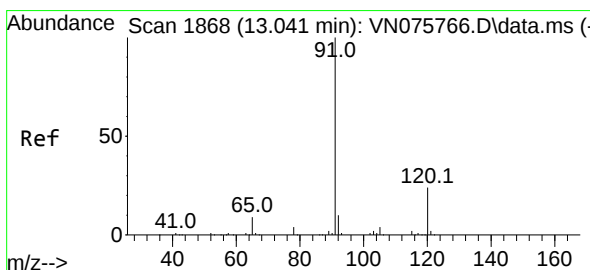
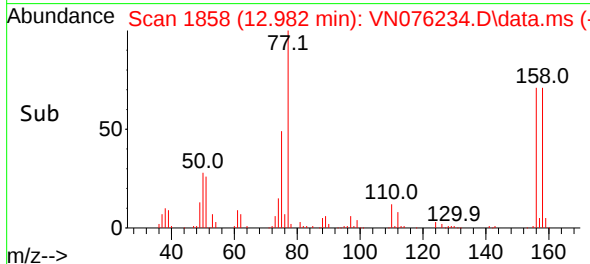
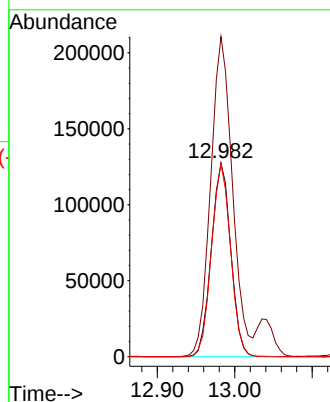
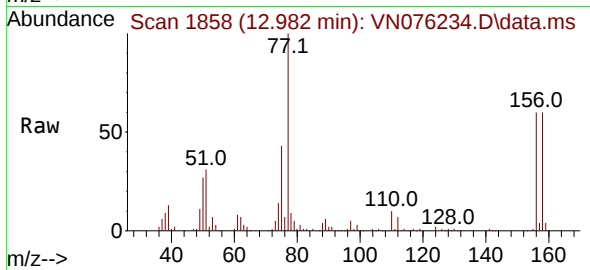
Tgt Ion:156 Resp: 222477
 Ion Ratio Lower Upper
 156 100
 77 185.5 93.8 281.3
 158 97.9 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#78

n-propylbenzene

Concen: 51.600 ug/l

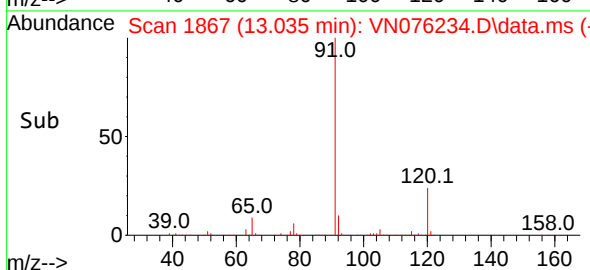
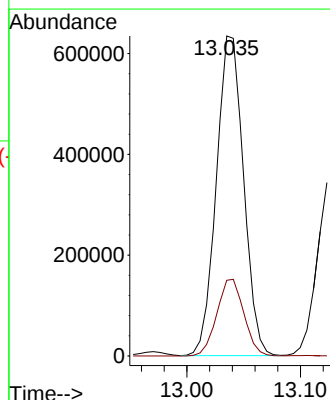
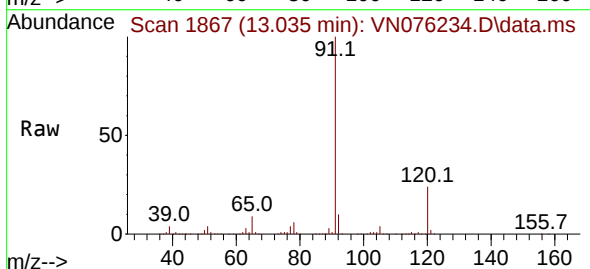
RT: 13.035 min Scan# 1867

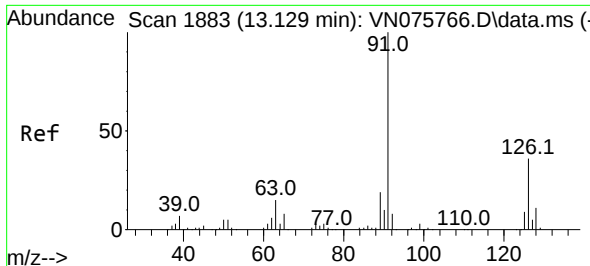
Delta R.T. -0.006 min

Lab File: VN076234.D

Acq: 12 Jan 2023 17:11

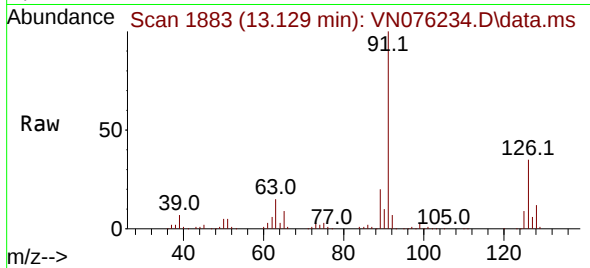
Tgt Ion: 91 Resp: 1056105
 Ion Ratio Lower Upper
 91 100
 120 23.8 12.0 36.1





#79
2-Chlorotoluene
Concen: 48.442 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

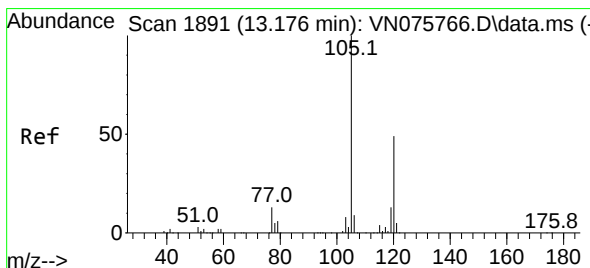
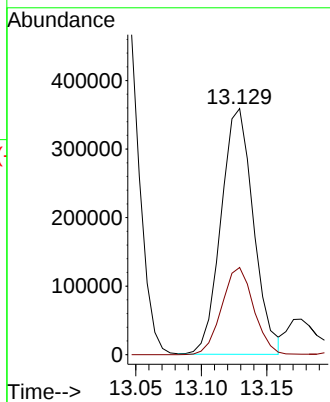
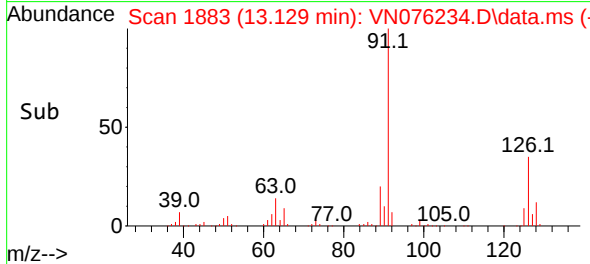
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 61890
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

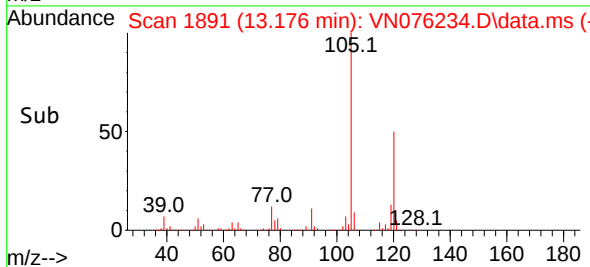
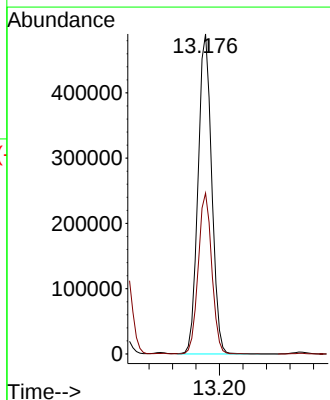
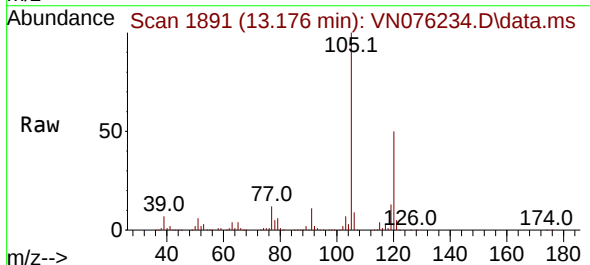
Manual Integrations
APPROVED

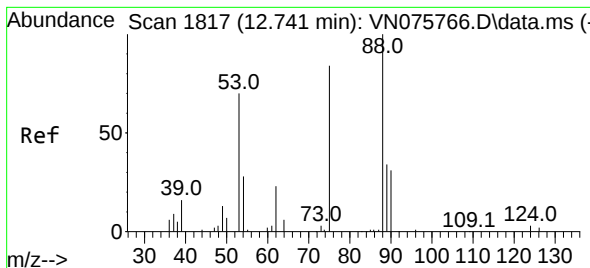
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.840 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Tgt Ion:105 Resp: 789601
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





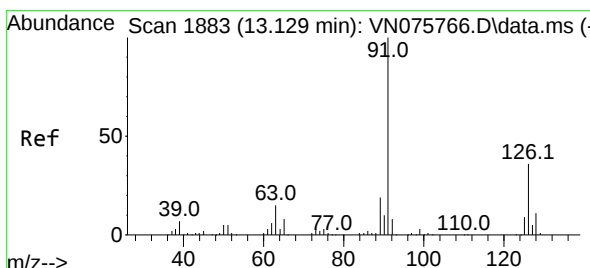
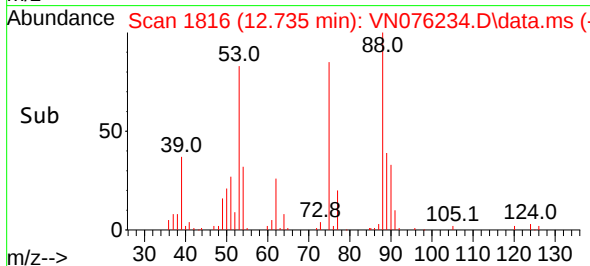
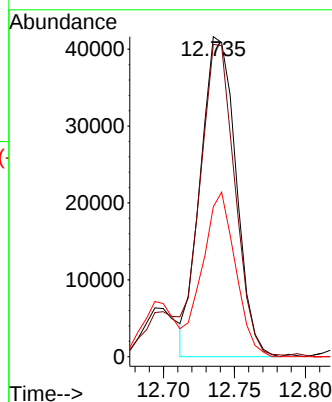
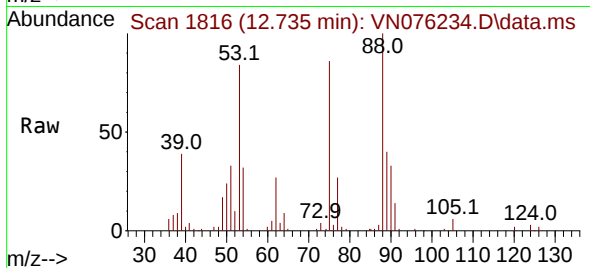
#81
trans-1,4-Dichloro-2-butene
Concen: 50.377 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7244
Ion Ratio Lower Upper
75 100
53 94.2 73.8 110.6
89 48.2 39.5 59.3

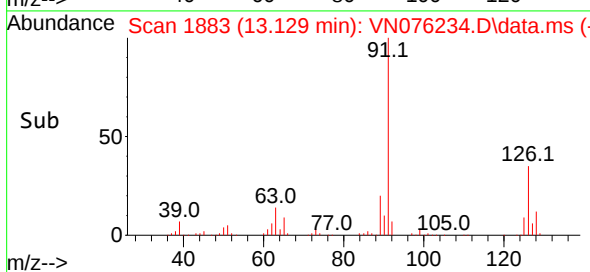
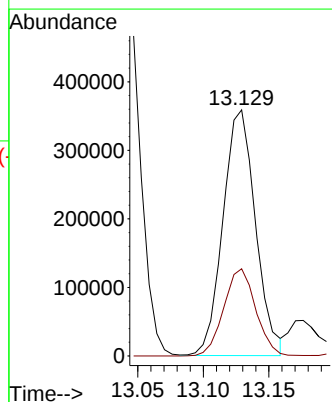
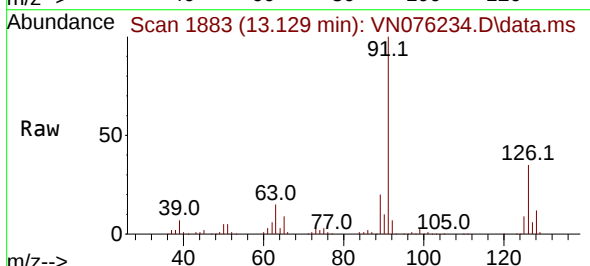
Manual Integrations
APPROVED

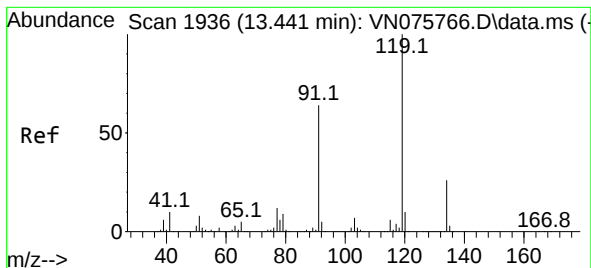
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#82
4-Chlorotoluene
Concen: 48.442 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

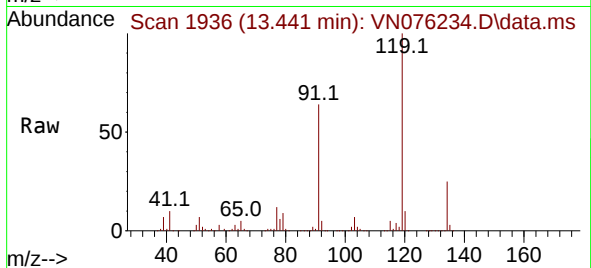
Tgt Ion: 91 Resp: 618903
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5





#83
tert-Butylbenzene
Concen: 52.871 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

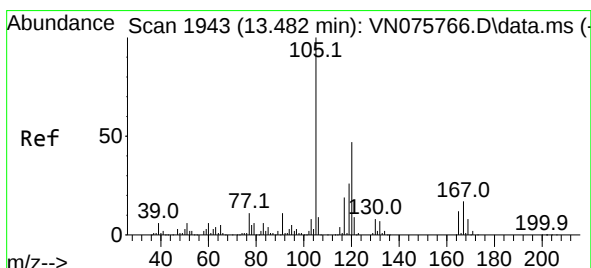
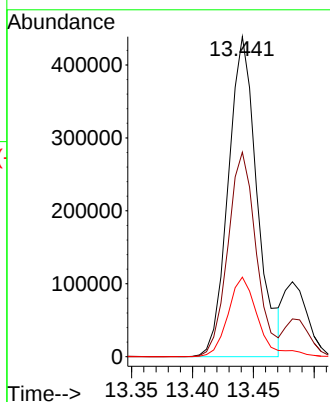
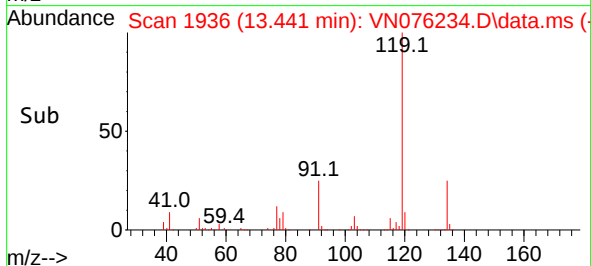
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



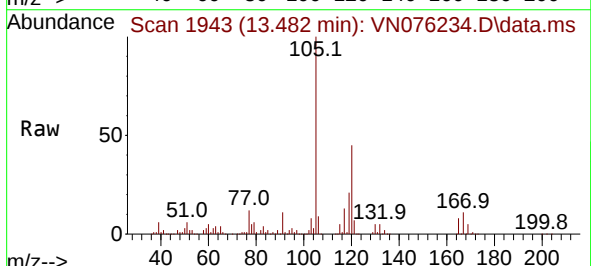
Tgt Ion:119 Resp: 723991
Ion Ratio Lower Upper
119 100
91 62.9 31.9 95.5
134 25.9 13.8 41.4

Manual Integrations
APPROVED

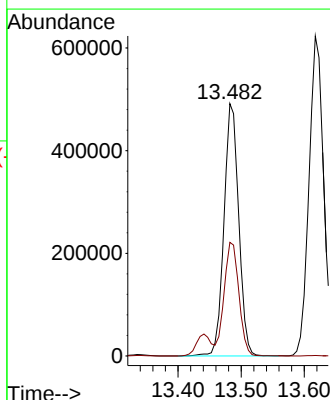
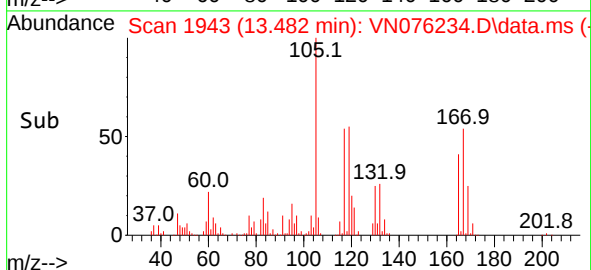
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

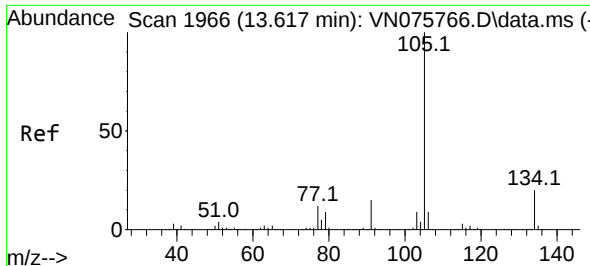


#84
1,2,4-Trimethylbenzene
Concen: 51.759 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



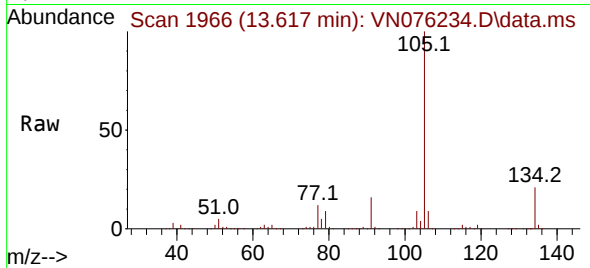
Tgt Ion:105 Resp: 797473
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.877 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076234.D
 Acq: 12 Jan 2023 17:11

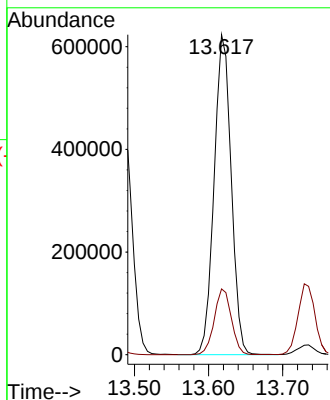
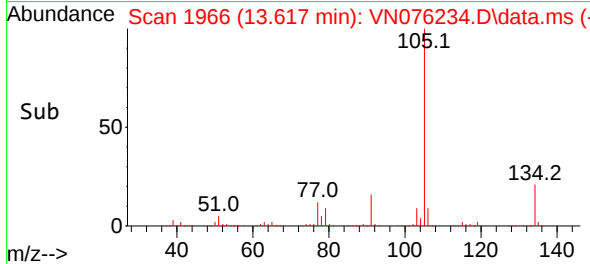
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



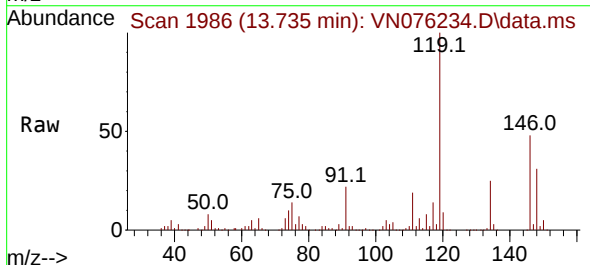
Tgt Ion:105 Resp: 99939
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
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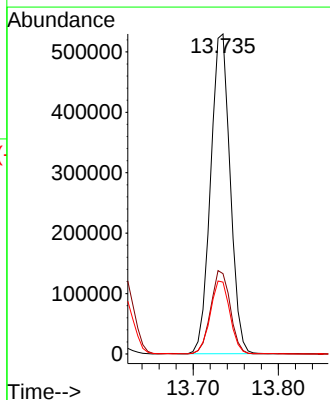
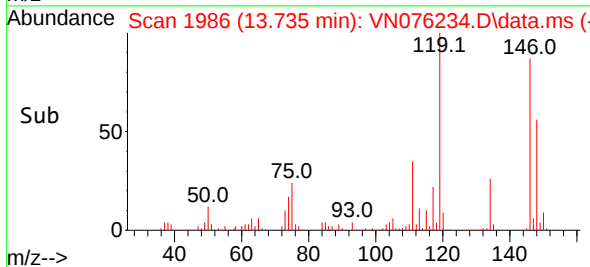
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

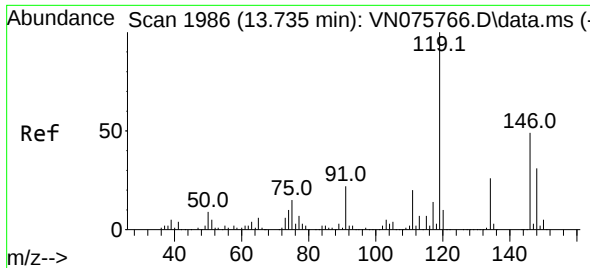


#86
 p-Isopropyltoluene
 Concen: 53.523 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076234.D
 Acq: 12 Jan 2023 17:11



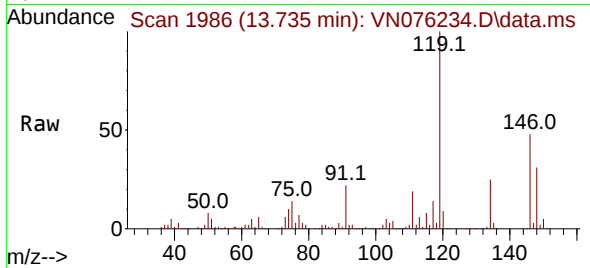
Tgt Ion:119 Resp: 841734
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 22.9 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 48.454 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

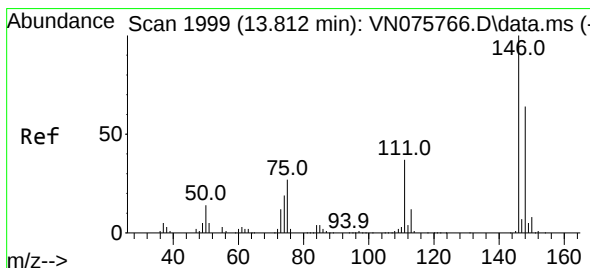
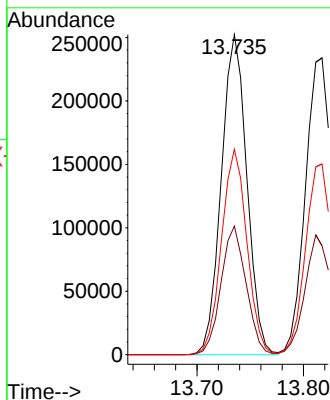
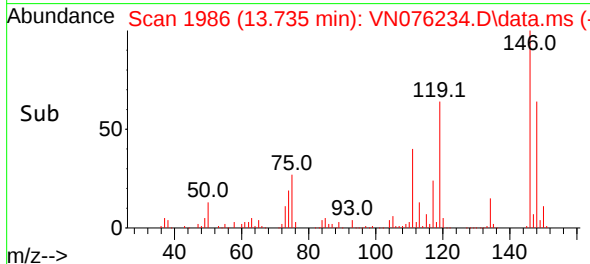
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



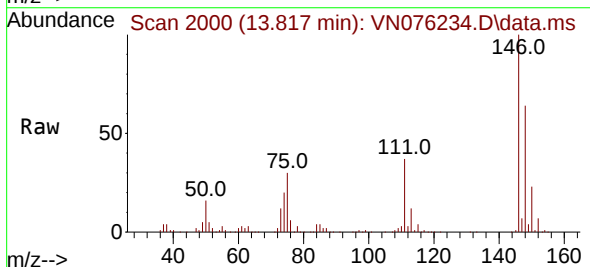
Tgt Ion:146 Resp: 420335
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 63.7 31.4 94.2

Manual Integrations
APPROVED

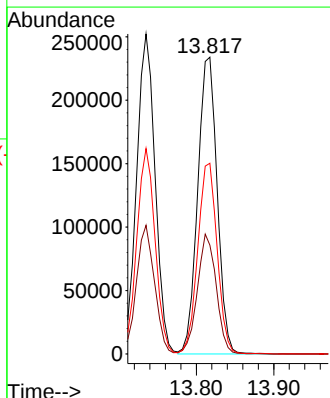
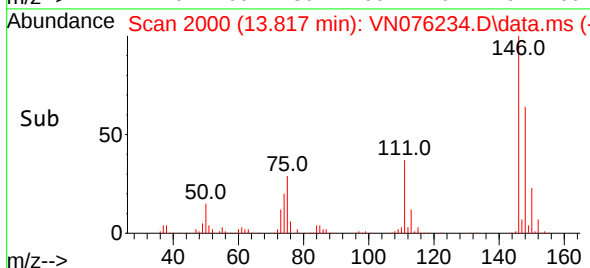
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

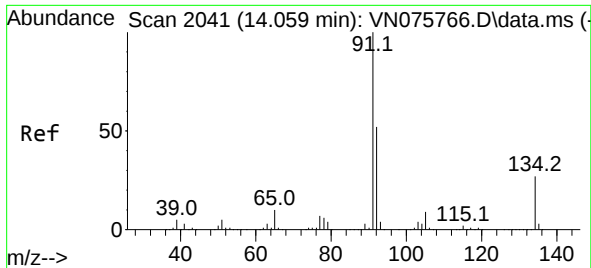


#88
1,4-Dichlorobenzene
Concen: 46.023 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



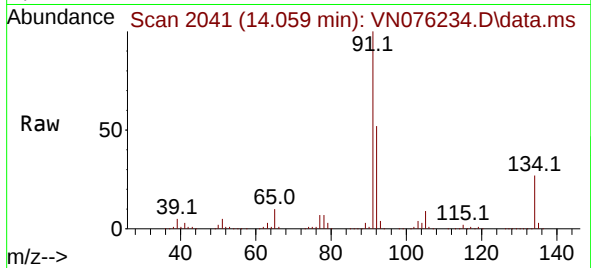
Tgt Ion:146 Resp: 407861
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 64.1 32.0 96.2





#89
n-Butylbenzene
Concen: 53.774 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

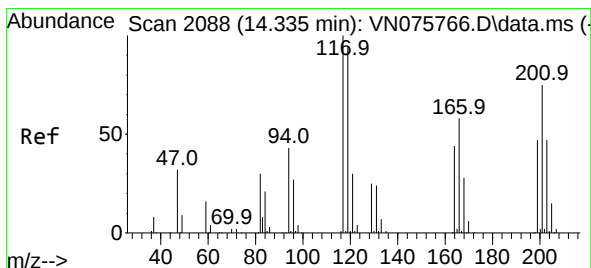
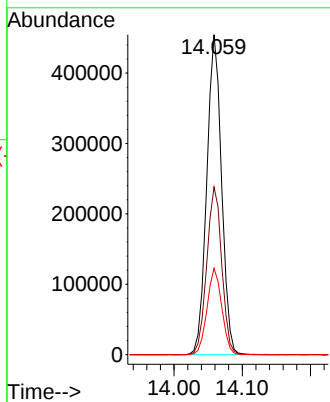
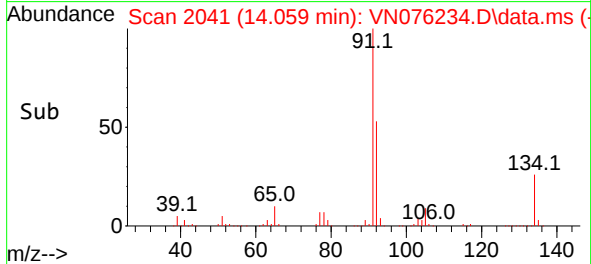
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 685118
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 26.8 13.4 40.2

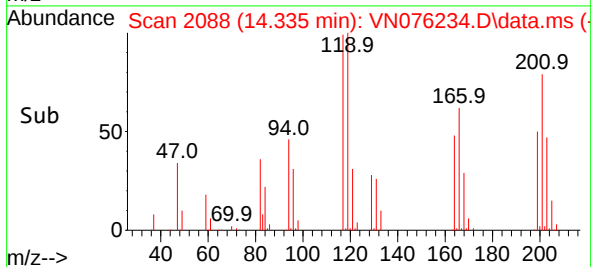
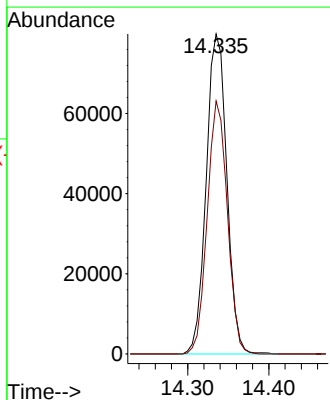
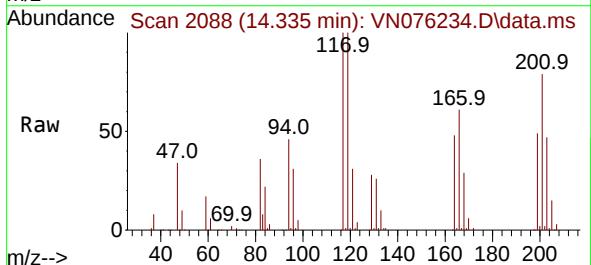
Manual Integrations
APPROVED

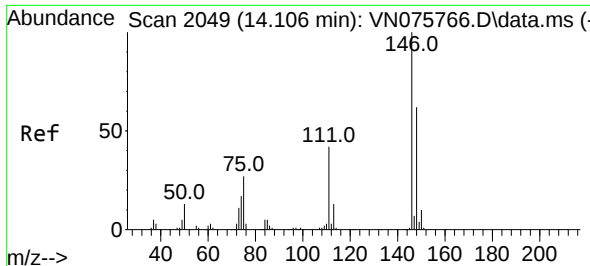
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#90
Hexachloroethane
Concen: 49.977 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

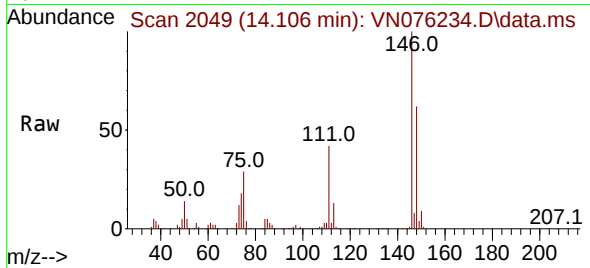
Tgt Ion:117 Resp: 140593
Ion Ratio Lower Upper
117 100
201 77.2 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 48.526 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

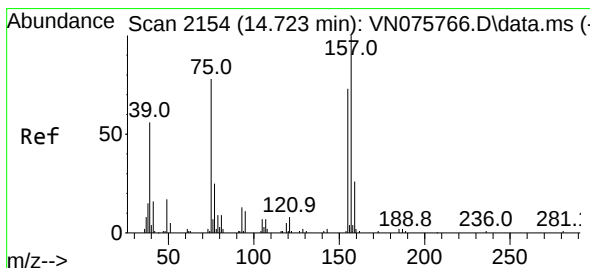
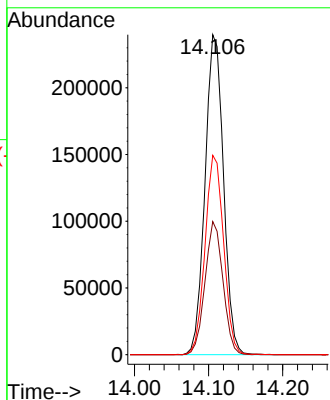
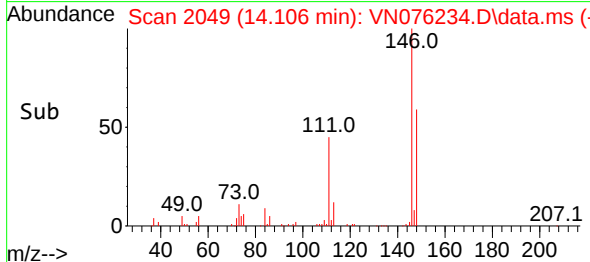
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



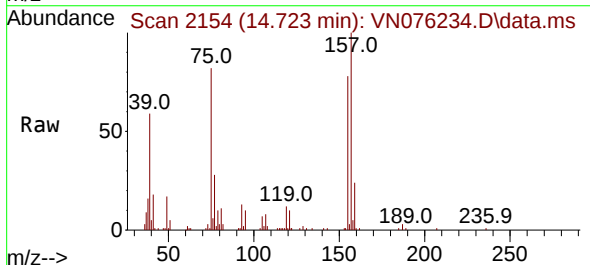
Tgt Ion:146 Resp: 41464
Ion Ratio Lower Upper
146 100
111 40.6 20.3 61.0
148 62.9 31.7 95.1

Manual Integrations
APPROVED

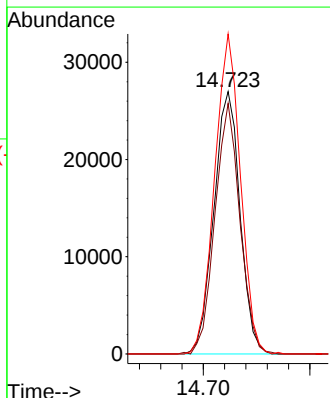
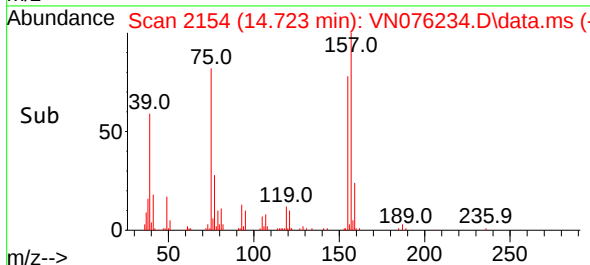
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

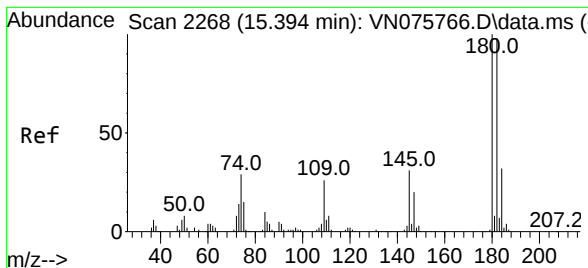


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.185 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



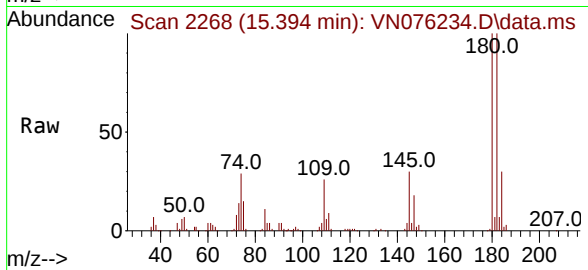
Tgt Ion: 75 Resp: 45995
Ion Ratio Lower Upper
75 100
155 91.1 49.3 147.8
157 120.3 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 50.255 ug/l
RT: 15.394 min Scan# 21259
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

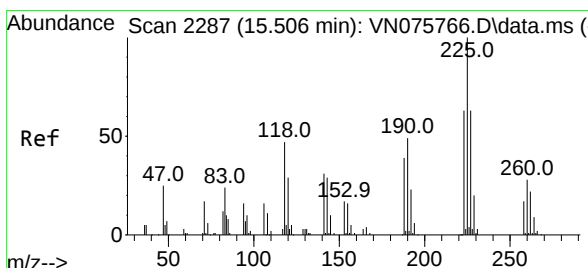
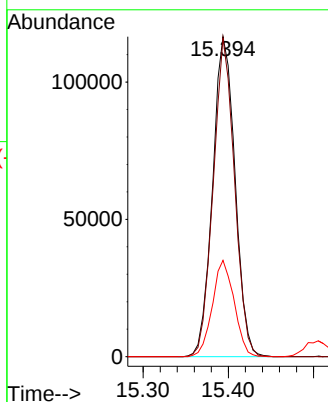
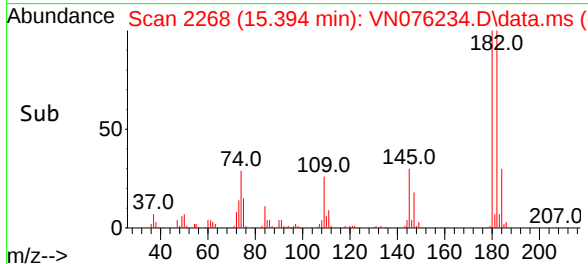
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



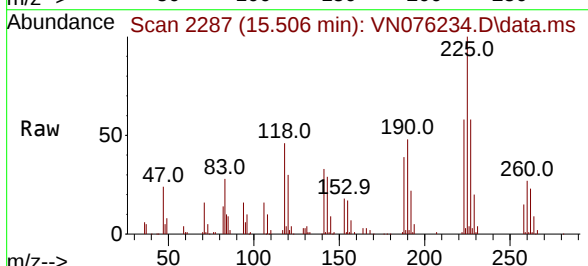
Tgt Ion:180 Resp: 21259
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 29.3 15.3 45.8

Manual Integrations
APPROVED

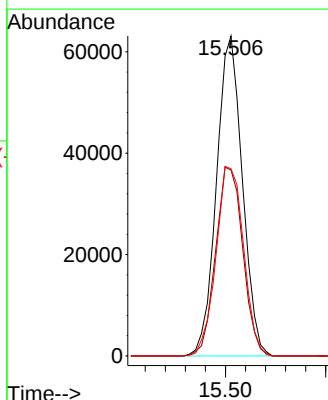
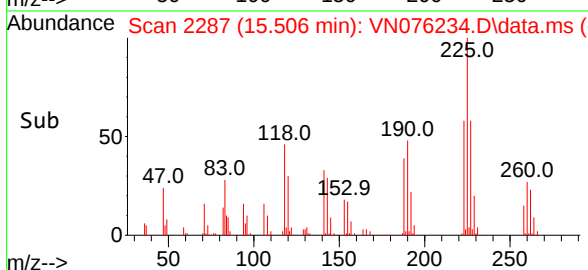
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

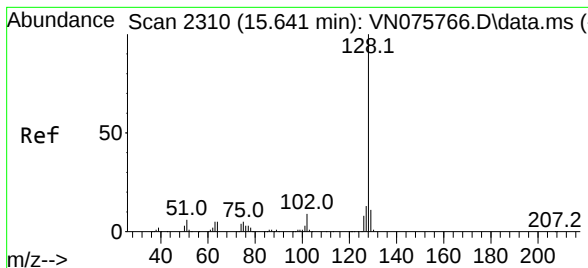


#94
Hexachlorobutadiene
Concen: 48.951 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



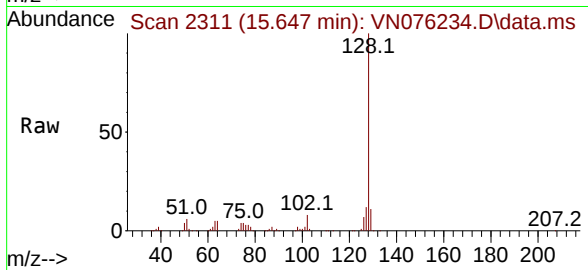
Tgt Ion:225 Resp: 112980
Ion Ratio Lower Upper
225 100
223 62.0 31.5 94.5
227 63.0 31.6 95.0





#95
Naphthalene
Concen: 44.816 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11

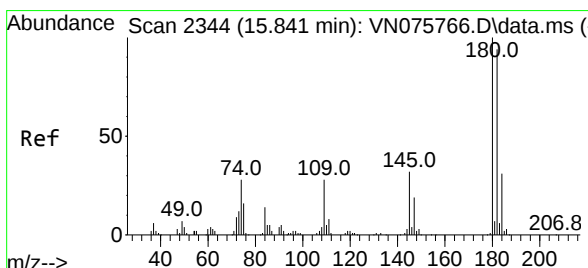
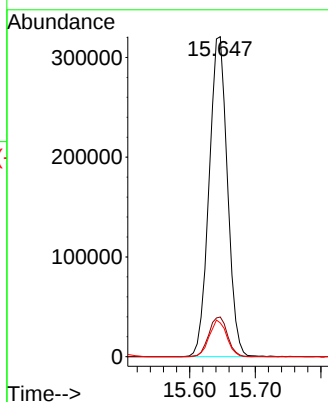
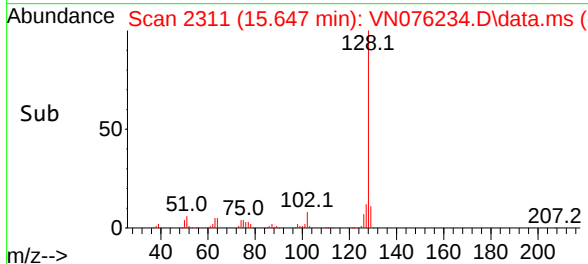
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



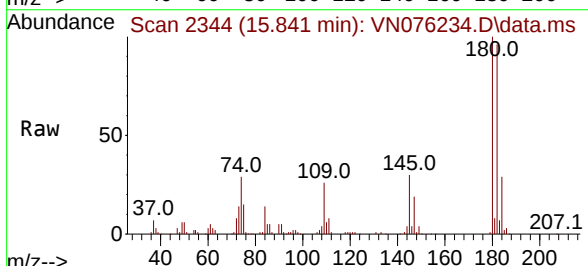
Tgt Ion:128 Resp: 623025
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.176 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076234.D
Acq: 12 Jan 2023 17:11



Tgt Ion:180 Resp: 202346
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.0
145 32.1 16.0 47.9

