

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076624.D
 Acq On : 13 Feb 2023 11:51
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 13 12:13:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 13 11:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	376114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	643310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	590448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	301347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	246181	55.455	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.920%			
35) Dibromofluoromethane	8.172	113	199281	49.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.660%			
50) Toluene-d8	10.566	98	775990	51.580	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.848	95	267055	50.387	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	205909	52.698	ug/l	97
3) Chloromethane	2.378	50	231342	64.423	ug/l	95
4) Vinyl Chloride	2.525	62	244675	74.205	ug/l	95
5) Bromomethane	2.954	94	133054	54.389	ug/l	95
6) Chloroethane	3.125	64	159009	79.726	ug/l	96
7) Trichlorofluoromethane	3.507	101	326275	50.203	ug/l	97
8) Diethyl Ether	3.972	74	132439	53.816	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.384	101	187724	46.626	ug/l	94
10) Methyl Iodide	4.601	142	282188	47.919	ug/l	99
11) Tert butyl alcohol	5.537	59	164334	284.206	ug/l	99
12) 1,1-Dichloroethene	4.354	96	181074	48.142	ug/l	95
13) Acrolein	4.190	56	248300	321.445	ug/l	98
14) Allyl chloride	5.037	41	321918	65.717	ug/l #	87
15) Acrylonitrile	5.725	53	588033	338.896	ug/l	98
16) Acetone	4.437	43	497574	339.971	ug/l	95
17) Carbon Disulfide	4.725	76	487056	49.986	ug/l	99
18) Methyl Acetate	5.031	43	362678	78.320	ug/l #	86
19) Methyl tert-butyl Ether	5.807	73	652829	52.189	ug/l	95
20) Methylene Chloride	5.290	84	225124	49.896	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	200396	49.019	ug/l	84
22) Diisopropyl ether	6.684	45	788607	71.032	ug/l #	95
23) Vinyl Acetate	6.613	43	2565404	369.298	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	401473	56.314	ug/l	98
25) 2-Butanone	7.489	43	815297	387.540	ug/l #	87
26) 2,2-Dichloropropane	7.501	77	300653	50.521	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	245946	51.445	ug/l	92
28) Bromochloromethane	7.819	49	198276	69.412	ug/l #	79
29) Tetrahydrofuran	7.842	42	554276	409.943	ug/l #	81
30) Chloroform	7.972	83	407925	52.746	ug/l	98
31) Cyclohexane	8.260	56	380520	54.232	ug/l #	83
32) 1,1,1-Trichloroethane	8.172	97	351229	50.683	ug/l	94
36) 1,1-Dichloropropene	8.372	75	301715	52.843	ug/l	97
37) Ethyl Acetate	7.566	43	327777	76.625	ug/l #	93
38) Carbon Tetrachloride	8.372	117	303059	49.367	ug/l	97
39) Methylcyclohexane	9.607	83	367101	51.771	ug/l	95
40) Benzene	8.613	78	933243	53.920	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	192854	79.623	ug/l #	85
42) 1,2-Dichloroethane	8.678	62	319859	56.761	ug/l	97
43) Isopropyl Acetate	8.695	43	554532	77.905	ug/l #	90
44) Trichloroethene	9.354	130	224873	48.654	ug/l	98
45) 1,2-Dichloropropane	9.625	63	245329	59.016	ug/l	96
46) Dibromomethane	9.713	93	157770	52.613	ug/l	95
47) Bromodichloromethane	9.889	83	317238	52.609	ug/l	98
48) Methyl methacrylate	9.683	41	253620	72.449	ug/l #	83
49) 1,4-Dioxane	9.695	88	84047	1122.343	ug/l #	89
51) 4-Methyl-2-Pentanone	10.448	43	1710668	399.875	ug/l	87
52) Toluene	10.630	92	582111	52.115	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	332536	57.074	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	369151	55.560	ug/l #	87
55) 1,1,2-Trichloroethane	11.019	97	227452	51.992	ug/l	99
56) Ethyl methacrylate	10.878	69	360157	61.512	ug/l #	79
57) 1,3-Dichloropropane	11.166	76	394386	55.694	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	827609	494.621	ug/l	93
59) 2-Hexanone	11.195	43	1264868	414.728	ug/l	83
60) Dibromochloromethane	11.360	129	249919	54.207	ug/l	100
61) 1,2-Dibromoethane	11.472	107	229934	53.097	ug/l	98
64) Tetrachloroethene	11.107	164	187012	38.037	ug/l	95
65) Chlorobenzene	11.895	112	616777	50.512	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	234851	51.938	ug/l	99
67) Ethyl Benzene	11.966	91	1107000	51.014	ug/l	100
68) m/p-Xylenes	12.072	106	882606	104.393	ug/l	95
69) o-Xylene	12.401	106	426072	51.463	ug/l	100
70) Styrene	12.413	104	711447	54.030	ug/l	99
71) Bromoform	12.583	173	175246	55.523	ug/l	99
73) Isopropylbenzene	12.695	105	1112309	45.070	ug/l	97
74) N-amyl acetate	12.495	43	510143	74.123	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	355180	52.506	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	289361m	51.466	ug/l	
77) Bromobenzene	12.983	156	262150	45.666	ug/l	99
78) n-propylbenzene	13.036	91	1324274	48.731	ug/l	100
79) 2-Chlorotoluene	13.130	91	765697	44.232	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	938296	45.809	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	108111	59.044	ug/l	85
82) 4-Chlorotoluene	13.130	91	765697	44.232	ug/l	97
83) tert-Butylbenzene	13.442	119	846172	46.122	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	939133	46.072	ug/l	98
85) sec-Butylbenzene	13.619	105	1213526	49.051	ug/l	98
86) p-Isopropyltoluene	13.730	119	1004114	49.526	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	509482	48.221	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	501861	46.761	ug/l	98
89) n-Butylbenzene	14.060	91	879408	54.777	ug/l	99
90) Hexachloroethane	14.336	117	183877	52.068	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	513436	49.289	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	68925	58.872	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	286450	60.013	ug/l	98
94) Hexachlorobutadiene	15.507	225	130312	48.552	ug/l	99
95) Naphthalene	15.642	128	922291	66.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	282576	61.817	ug/l	98

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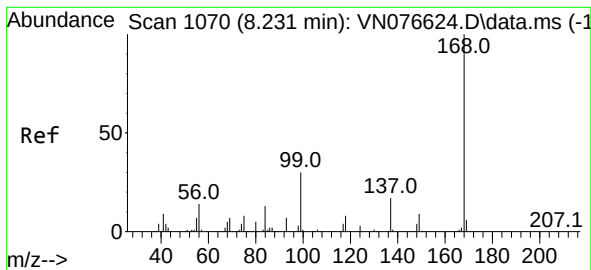
Manual Integrations
APPROVED

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Response via : Initial Calibration

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



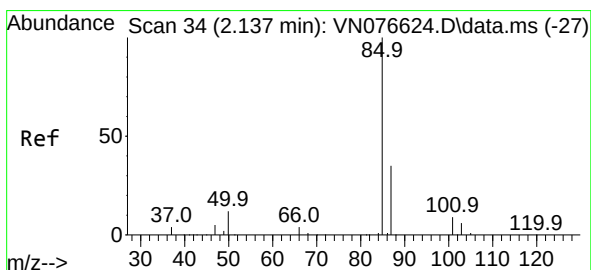
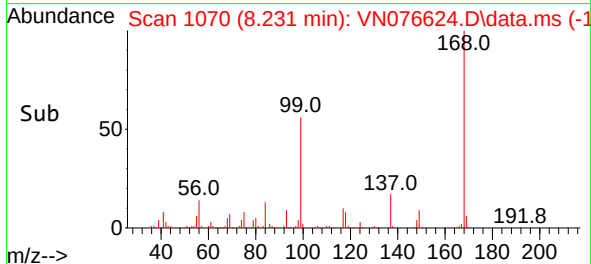
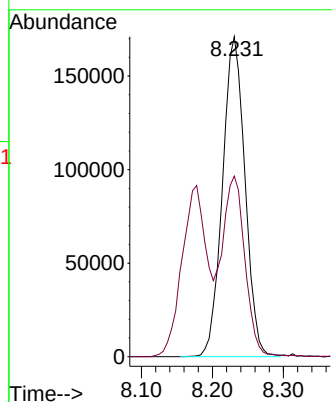
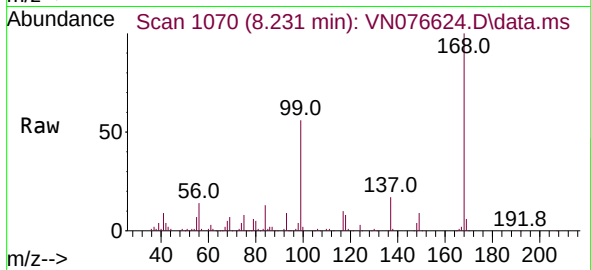
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN076624.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 376114
Ion Ratio Lower Upper
168 100
99 56.0 47.8 71.8

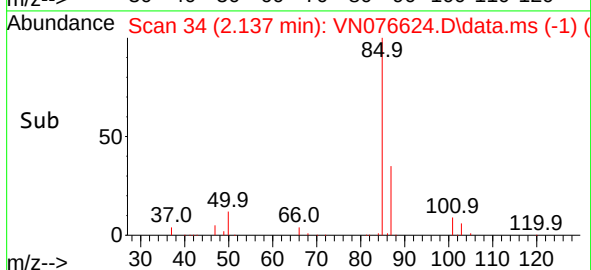
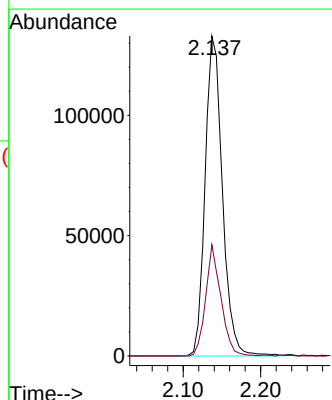
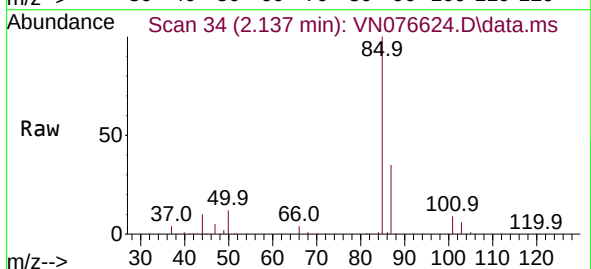
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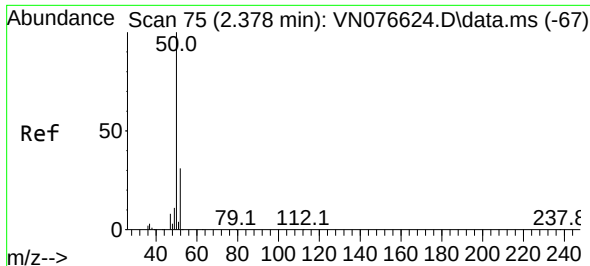
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 52.698 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

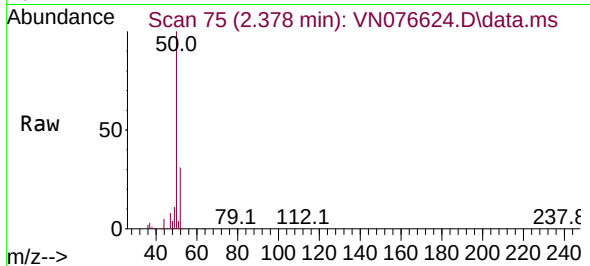
Tgt Ion: 85 Resp: 205909
Ion Ratio Lower Upper
85 100
87 34.8 16.6 49.8





#3
Chloromethane
Concen: 64.423 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.007 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

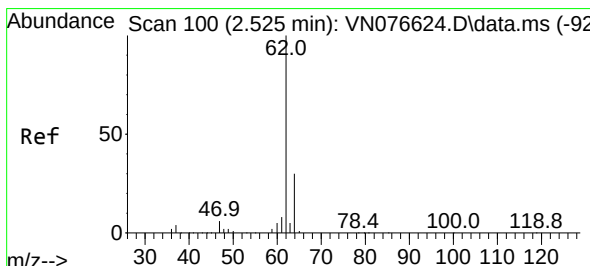
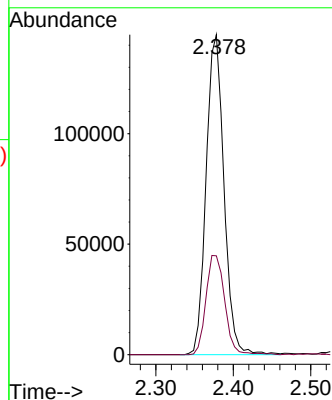
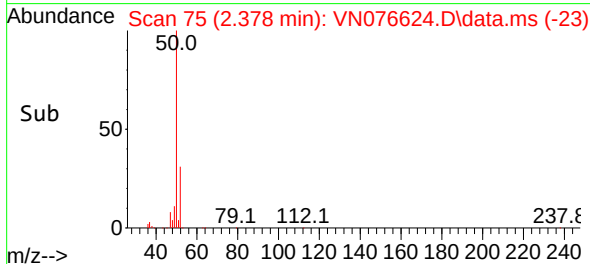
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 23134
Ion Ratio Lower Upper
50 100
52 30.9 27.0 40.4

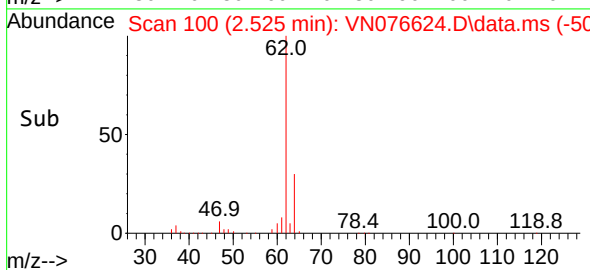
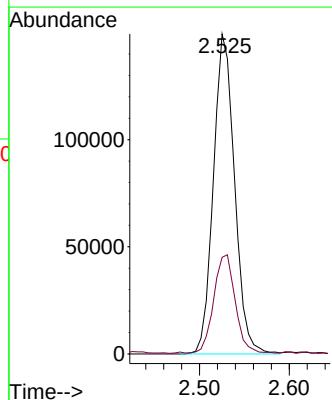
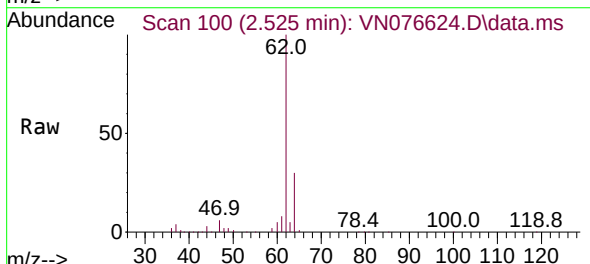
Manual Integrations
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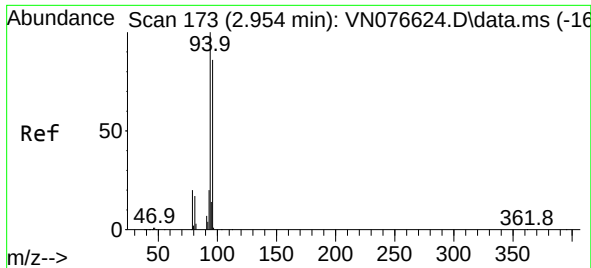
Reviewed By :John Carlone 02/14/2023
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#4
Vinyl Chloride
Concen: 74.205 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.005 min
Lab File: VN076624.D
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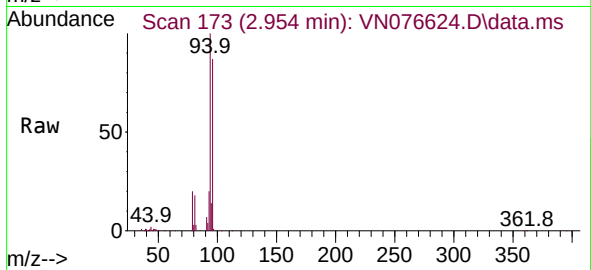
Tgt Ion: 62 Resp: 244675
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0





#5
Bromomethane
Concen: 54.389 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

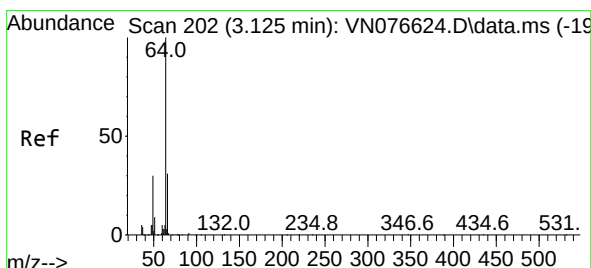
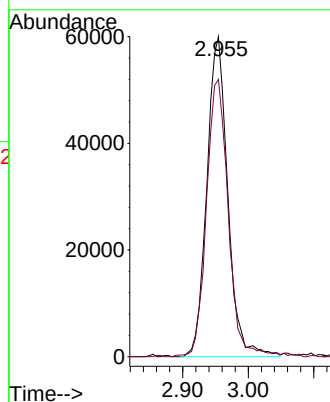
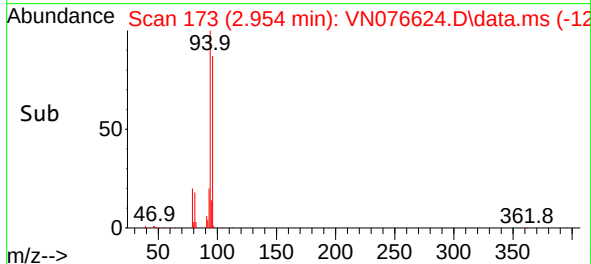
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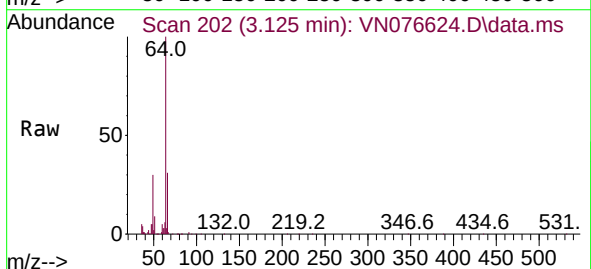
Tgt Ion: 94 Resp: 133054
Ion Ratio Lower Upper
94 100
96 86.2 72.7 109.1

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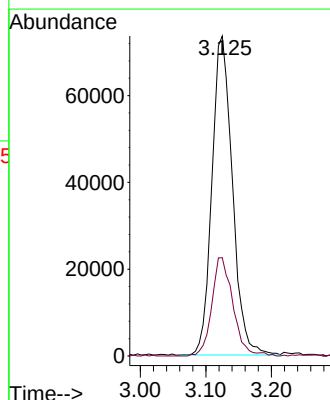
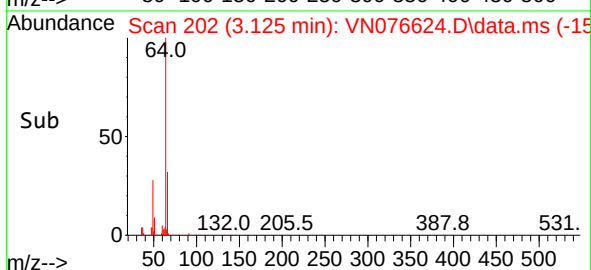
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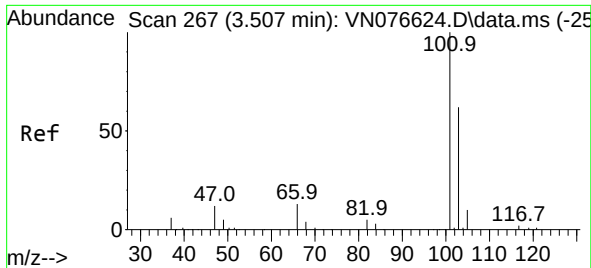


#6
Chloroethane
Concen: 79.726 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.001 min
Lab File: VN076624.D
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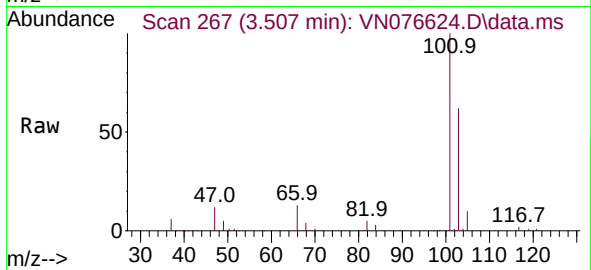
Tgt Ion: 64 Resp: 159009
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 50.203 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.005 min
Lab File: VN076624.D
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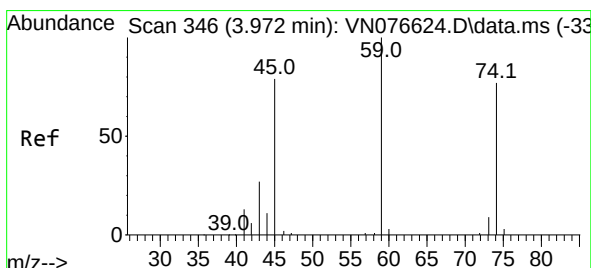
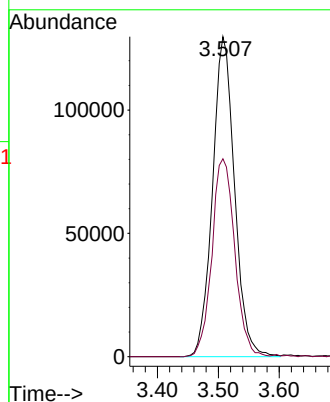
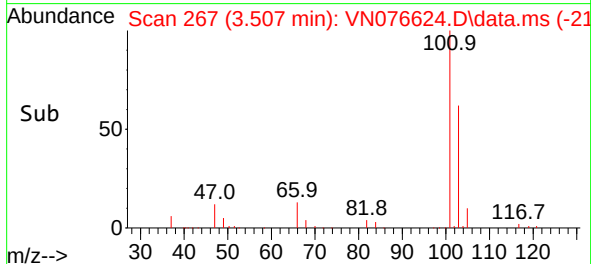
Instrument :
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VSTDICCC050



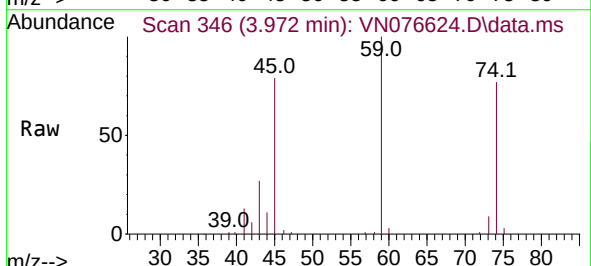
Tgt Ion:101 Resp: 326275
Ion Ratio Lower Upper
101 100
103 61.8 51.3 76.9

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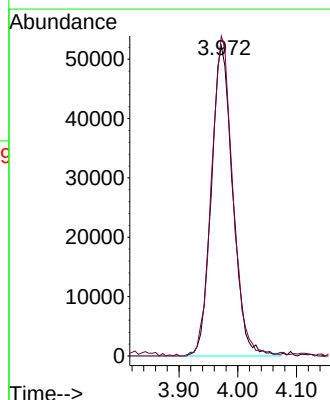
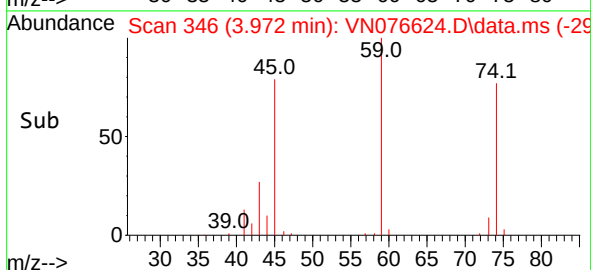
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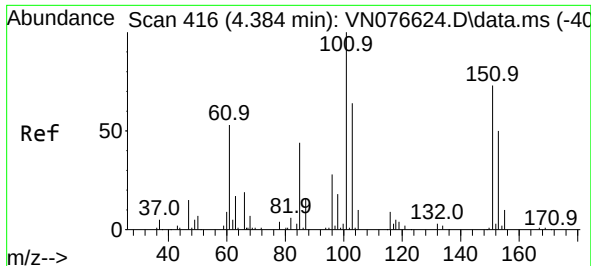


#8
Diethyl Ether
Concen: 53.816 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.005 min
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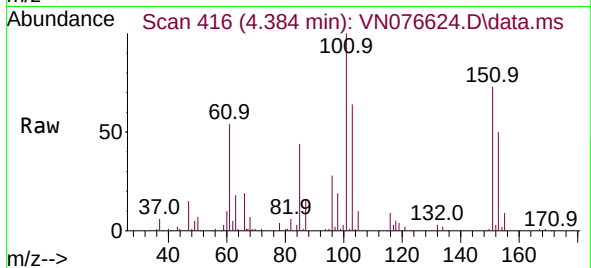
Tgt Ion: 74 Resp: 132439
Ion Ratio Lower Upper
74 100
45 102.6 39.8 119.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.626 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.005 min
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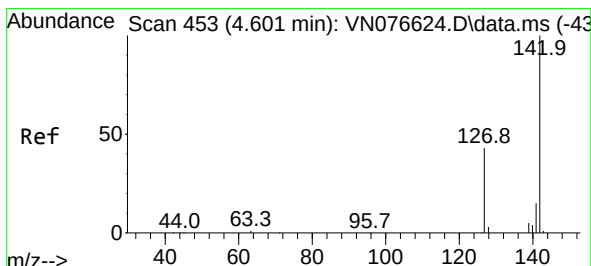
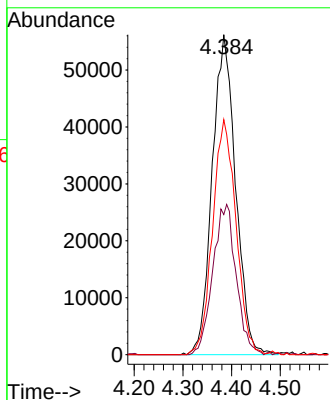
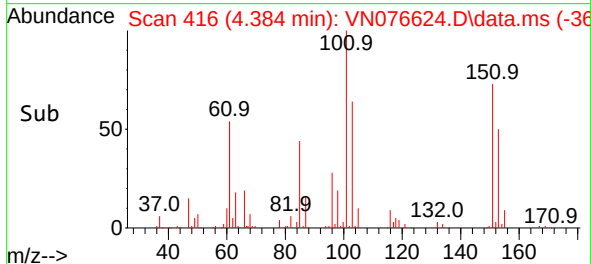
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



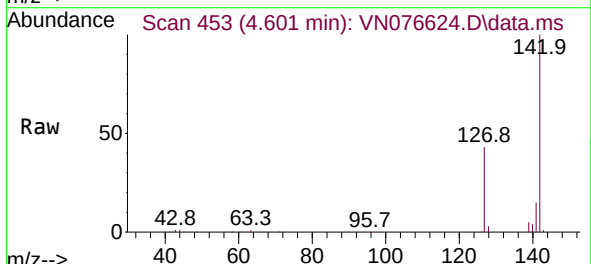
Tgt Ion:101 Resp: 187724
Ion Ratio Lower Upper
101 100
85 46.7 33.9 50.9
151 73.4 62.5 93.7

Manual Integrations
APPROVED

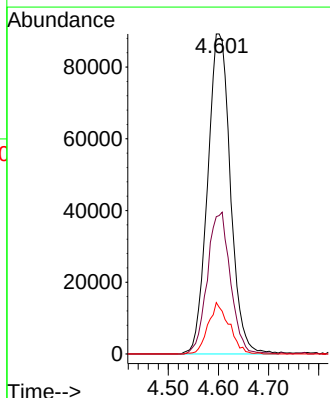
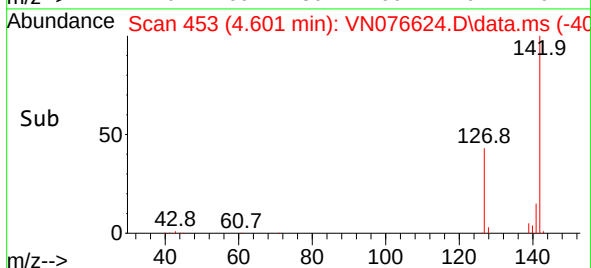
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

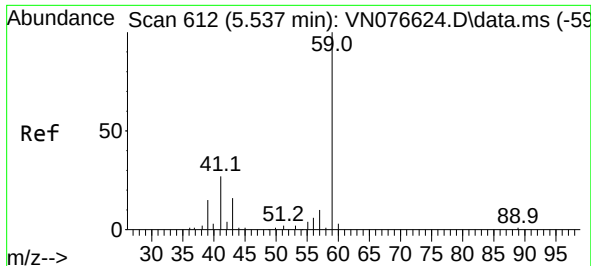


#10
Methyl Iodide
Concen: 47.919 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



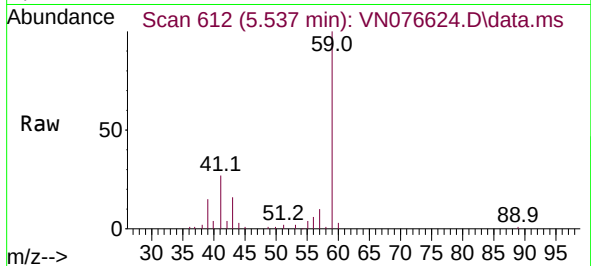
Tgt Ion:142 Resp: 282188
Ion Ratio Lower Upper
142 100
127 43.2 34.8 52.2
141 14.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 284.206 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

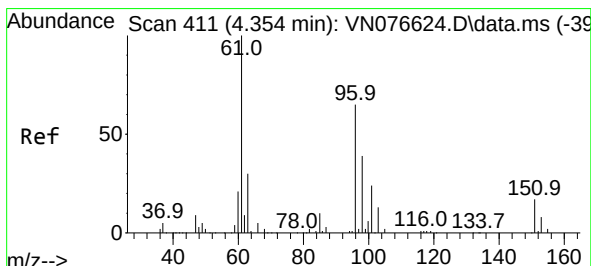
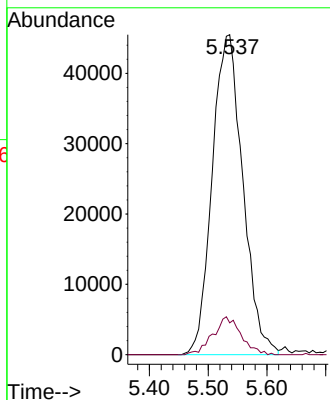
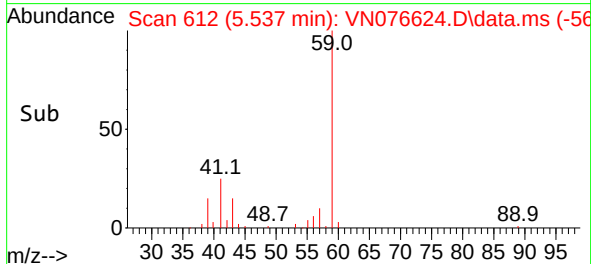
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



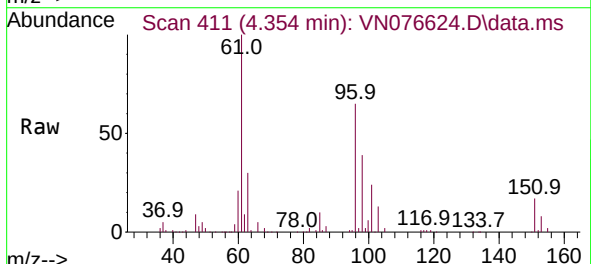
Tgt Ion: 59 Resp: 164334
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
APPROVED

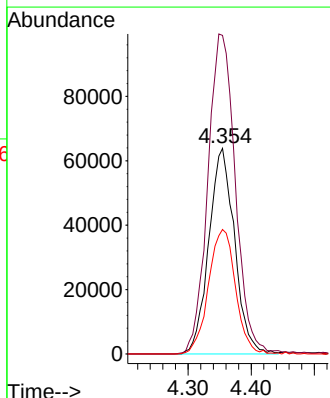
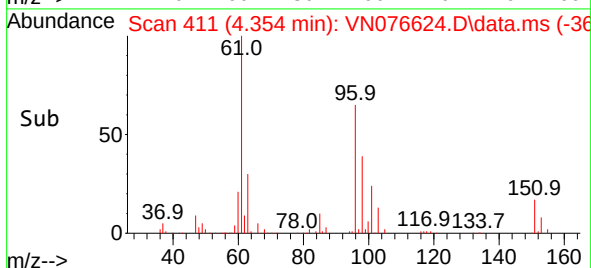
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

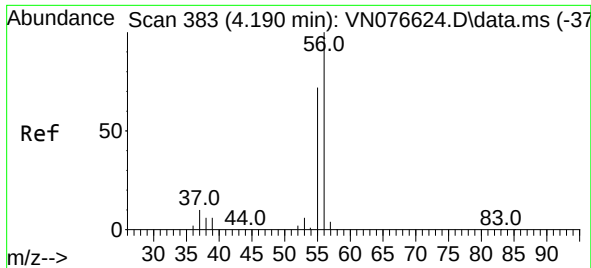


#12
1,1-Dichloroethene
Concen: 48.142 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



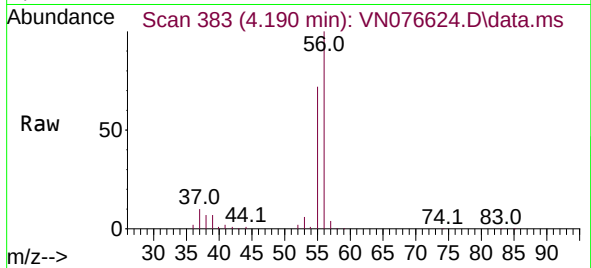
Tgt Ion: 96 Resp: 181074
Ion Ratio Lower Upper
96 100
61 154.7 118.3 177.5
98 60.5 50.7 76.1





#13
Acrolein
Concen: 321.445 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

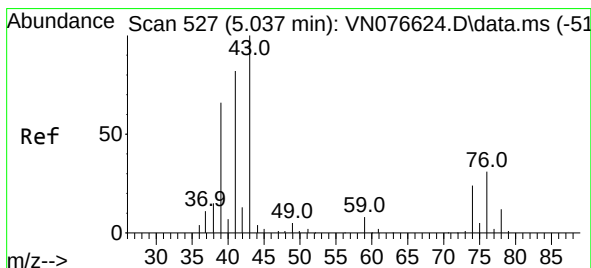
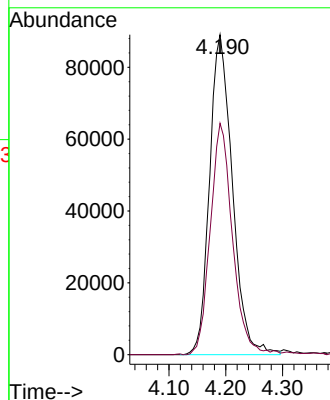
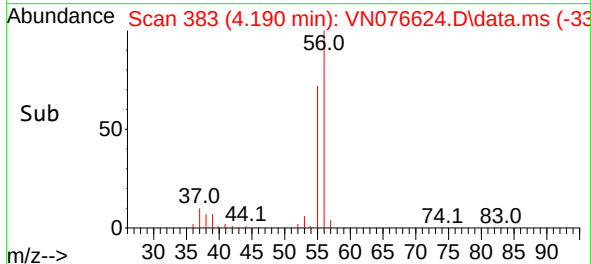
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 248300
Ion Ratio Lower Upper
56 100
55 70.4 54.7 82.1

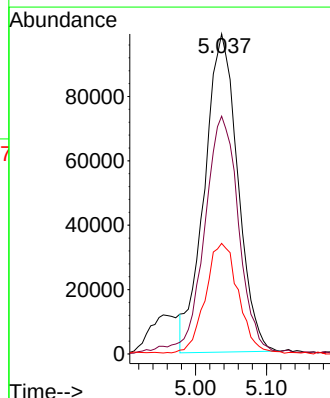
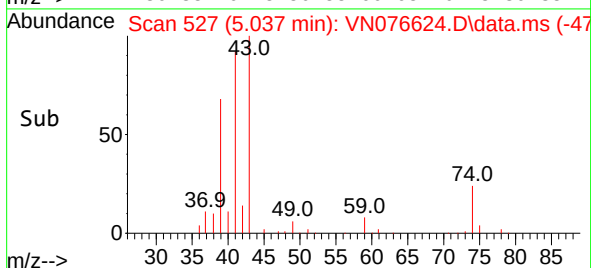
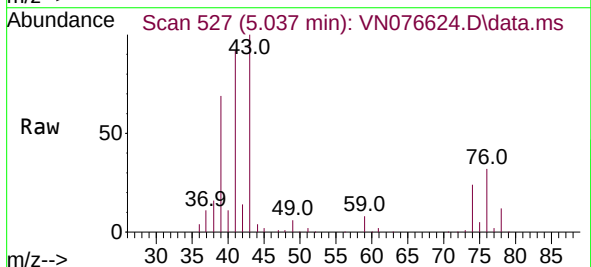
Manual Integrations
APPROVED

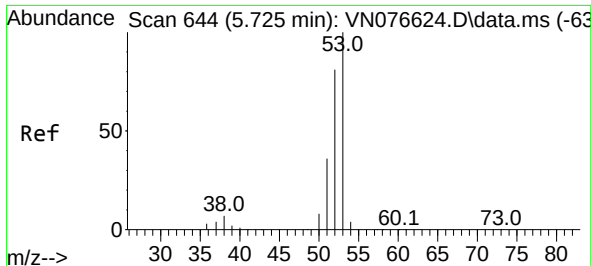
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#14
Allyl chloride
Concen: 65.717 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

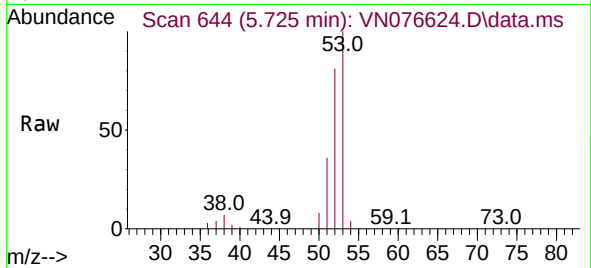
Tgt Ion: 41 Resp: 321918
Ion Ratio Lower Upper
41 100
39 77.9 55.8 83.6
76 33.8 36.8 55.2#





#15
Acrylonitrile
Concen: 338.896 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.011 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

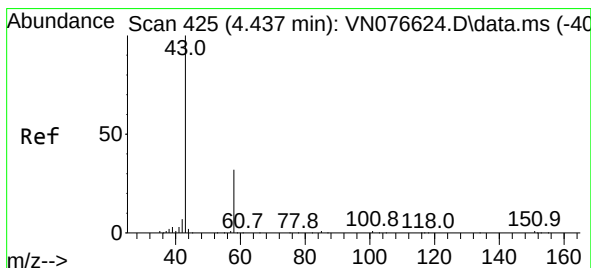
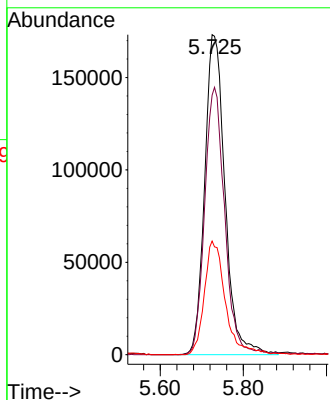
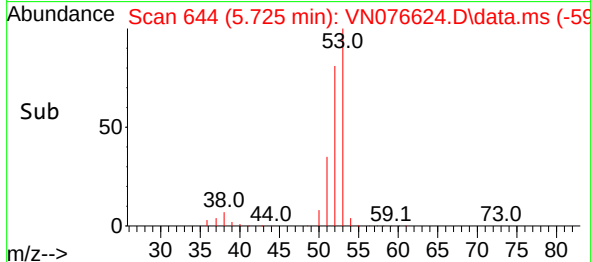
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 58803
Ion Ratio Lower Upper
53 100
52 81.6 64.6 96.8
51 36.5 27.9 41.9

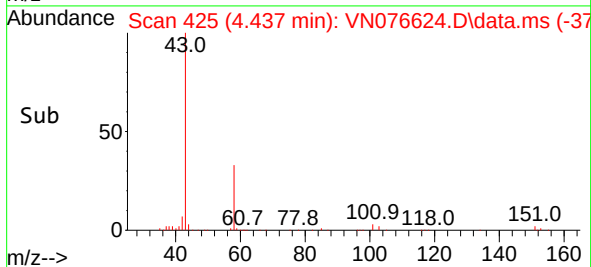
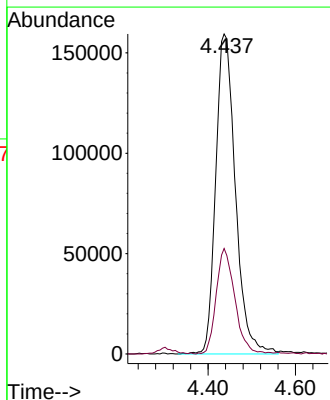
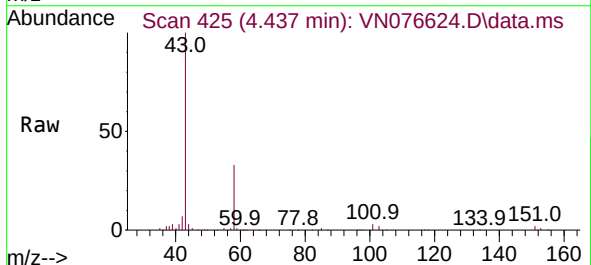
Manual Integrations
APPROVED

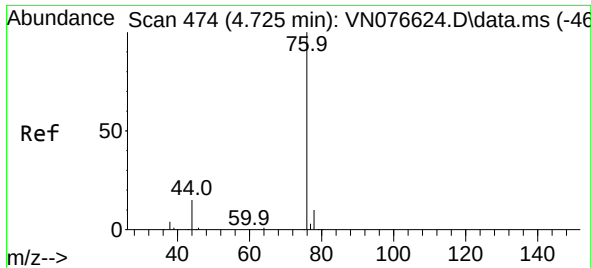
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
Acetone
Concen: 339.971 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

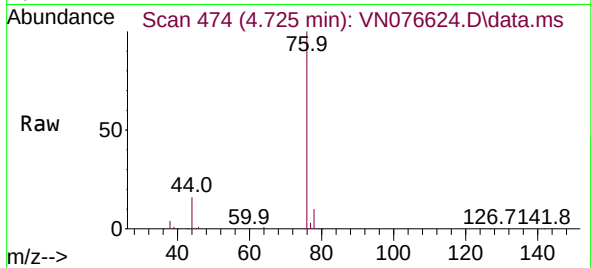
Tgt Ion: 43 Resp: 497574
Ion Ratio Lower Upper
43 100
58 32.4 28.4 42.6





#17
Carbon Disulfide
Concen: 49.986 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

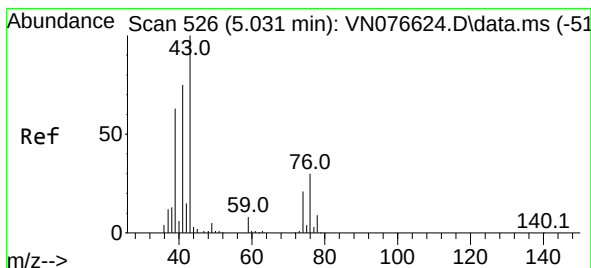
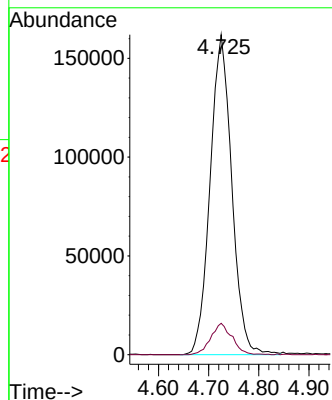
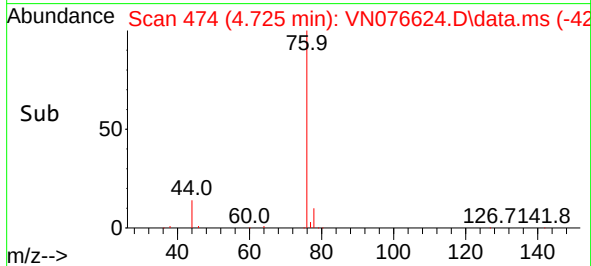
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 487056
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4

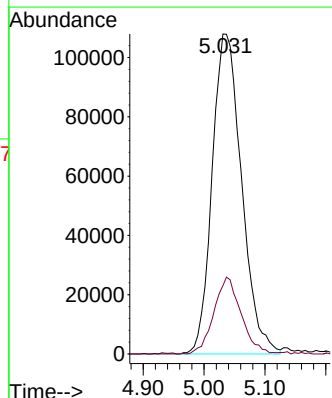
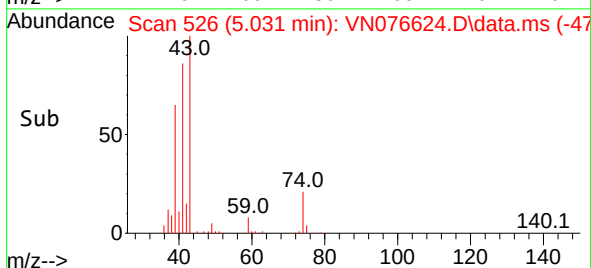
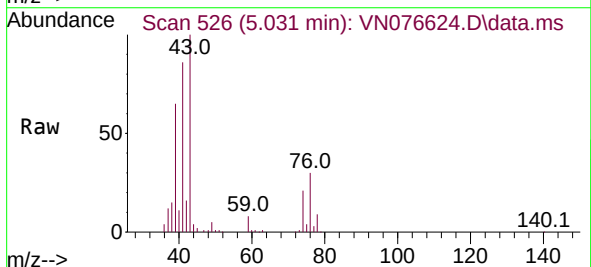
Manual Integrations
APPROVED

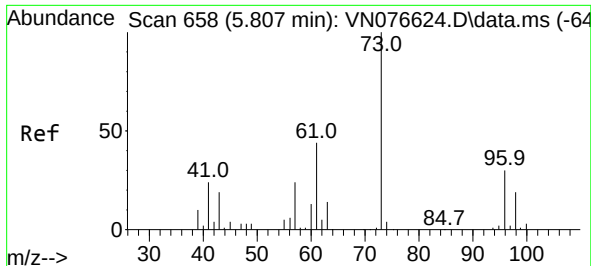
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#18
Methyl Acetate
Concen: 78.320 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.011 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Tgt Ion: 43 Resp: 362678
Ion Ratio Lower Upper
43 100
74 22.1 23.9 35.9#





#19

Methyl tert-butyl Ether

Concen: 52.189 ug/l

RT: 5.807 min Scan# 658

Delta R.T. -0.005 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 652829

Ion Ratio Lower Upper

73 100

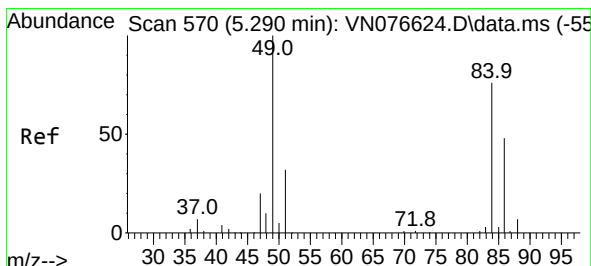
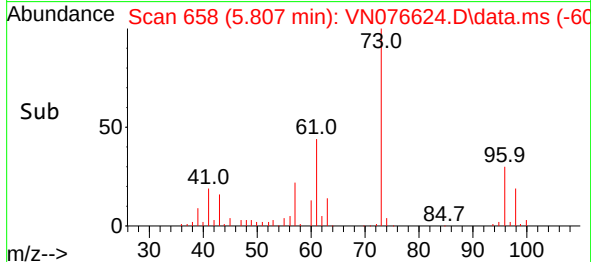
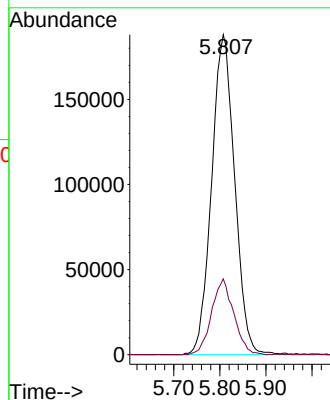
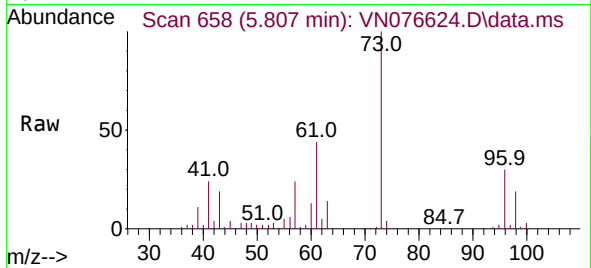
57 23.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#20

Methylene Chloride

Concen: 49.896 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Tgt Ion: 84 Resp: 225124

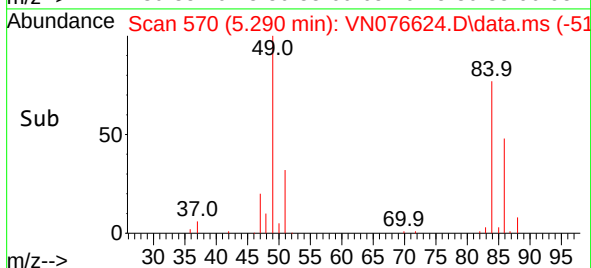
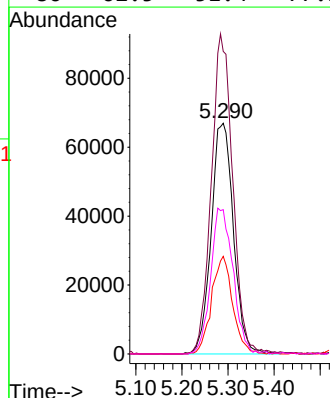
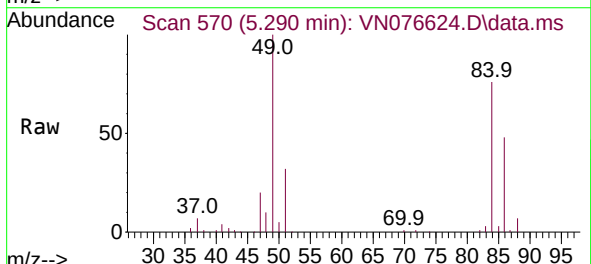
Ion Ratio Lower Upper

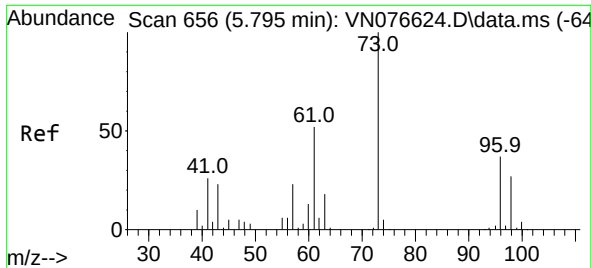
84 100

49 131.1 82.0 123.0#

51 42.3 26.0 39.0#

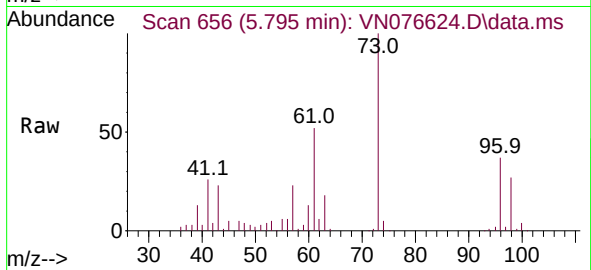
86 62.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 49.019 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

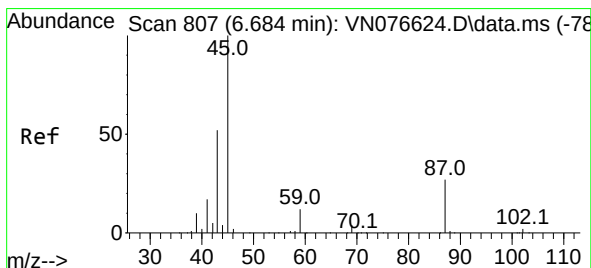
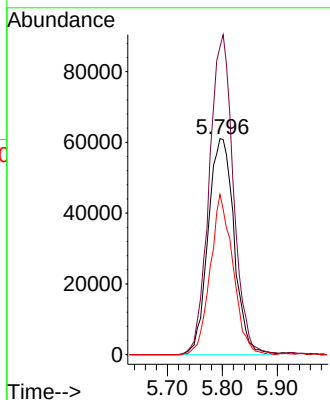
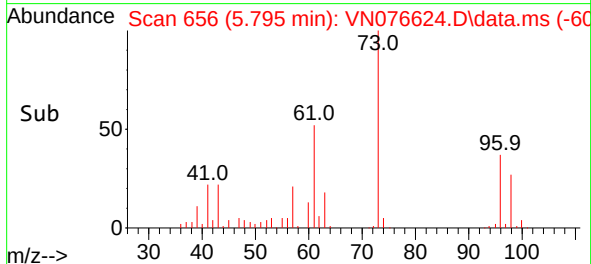
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 200390
Ion Ratio Lower Upper
96 100
61 142.4 98.9 148.3
98 74.2 49.4 74.2

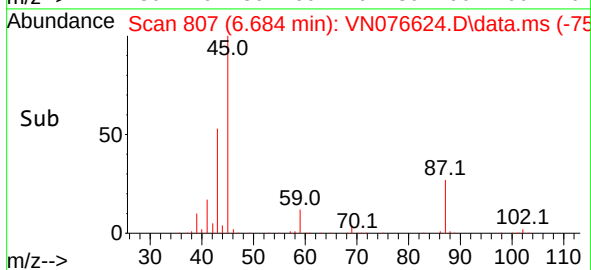
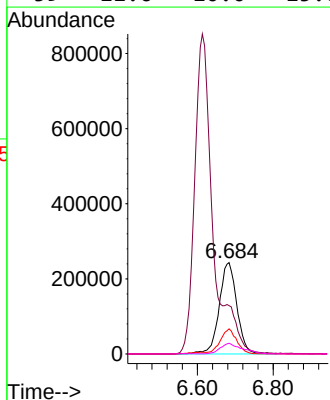
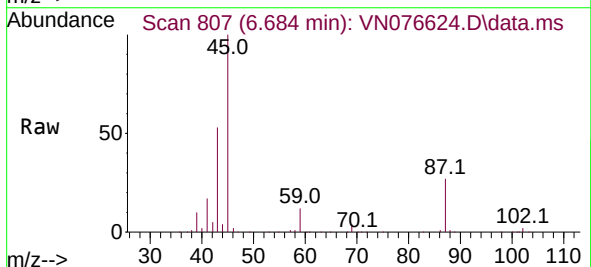
Manual Integrations
APPROVED

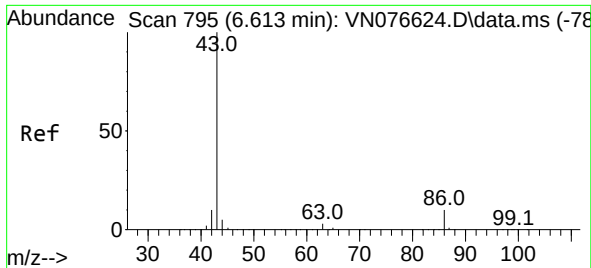
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#22
Diisopropyl ether
Concen: 71.032 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Tgt Ion: 45 Resp: 788607
Ion Ratio Lower Upper
45 100
43 52.2 41.4 62.2
87 27.3 28.2 42.4#
59 11.6 10.0 15.0





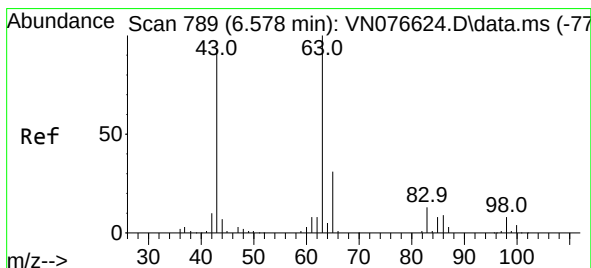
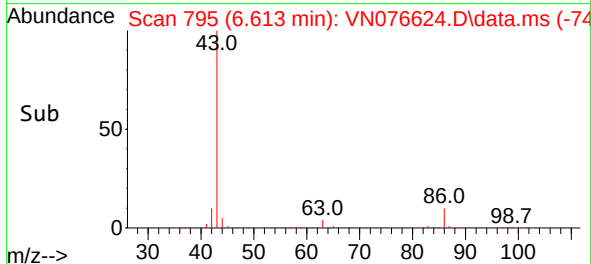
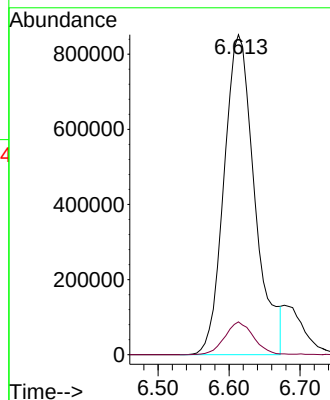
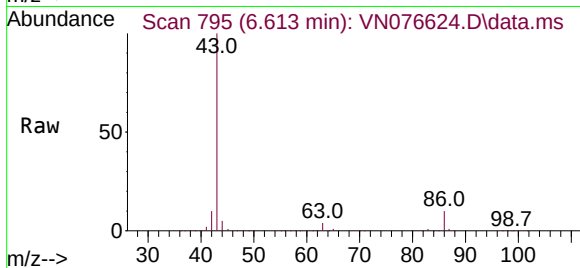
#23
 Vinyl Acetate
 Concen: 369.298 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2565404
 Ion Ratio Lower Upper
 43 100
 86 10.2 11.3 16.9

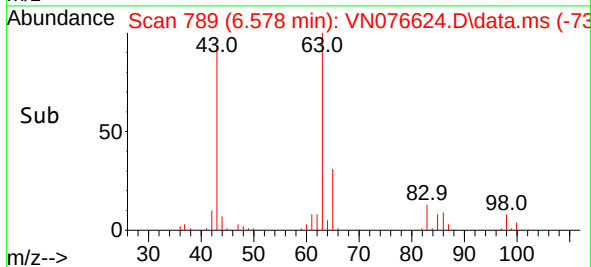
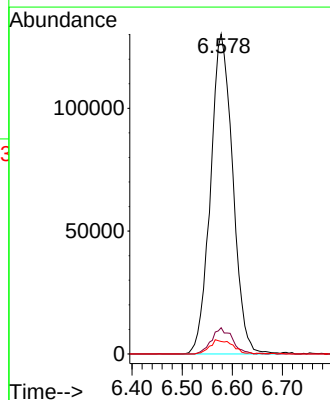
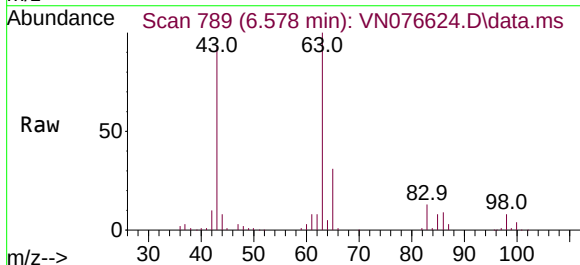
Manual Integrations
 APPROVED

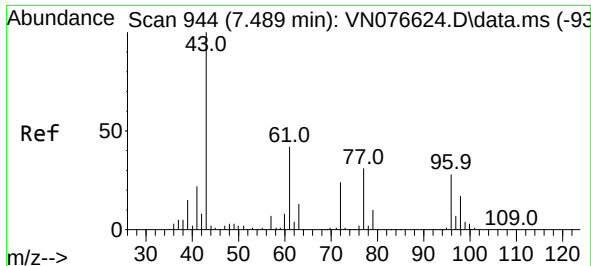
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 56.314 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.005 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51

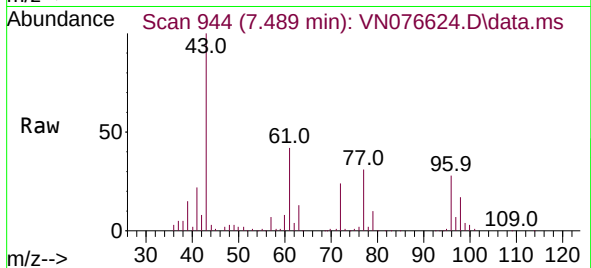
Tgt Ion: 63 Resp: 401473
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.4
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 387.540 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

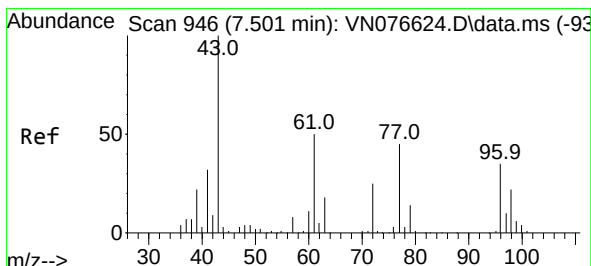
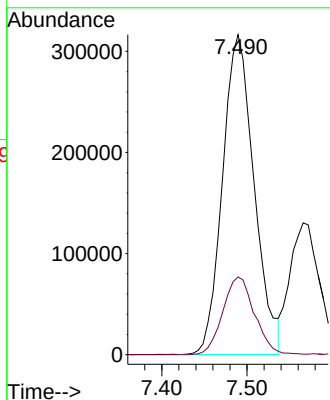
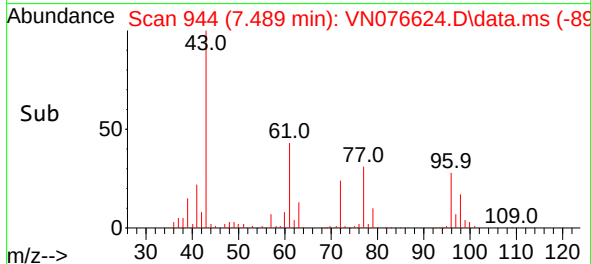
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 81529
Ion Ratio Lower Upper
43 100
72 24.3 25.1 37.7

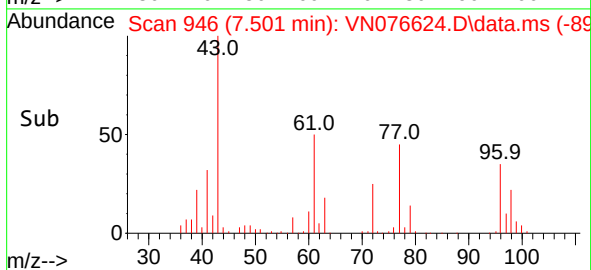
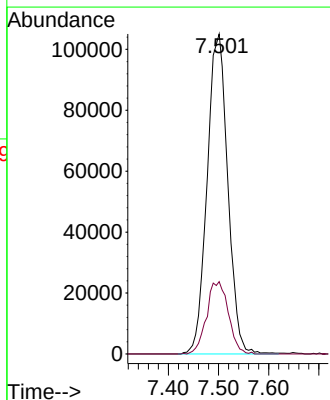
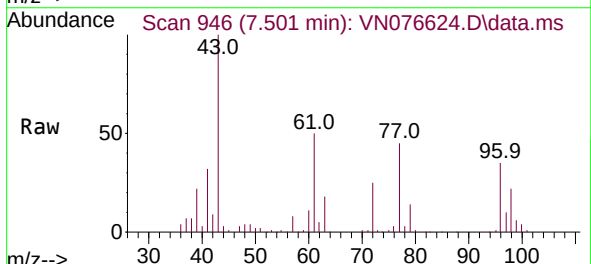
Manual Integrations
APPROVED

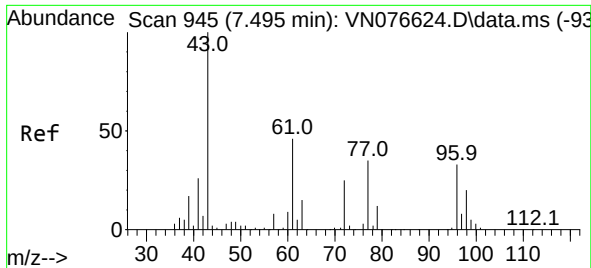
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 50.521 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

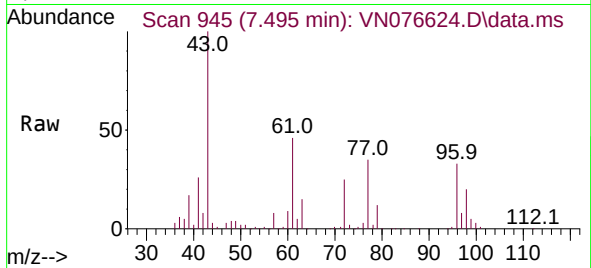
Tgt Ion: 77 Resp: 300653
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 51.445 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.001 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51

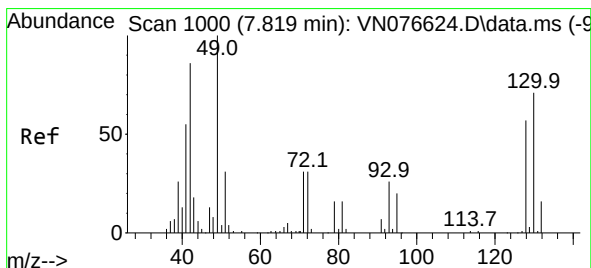
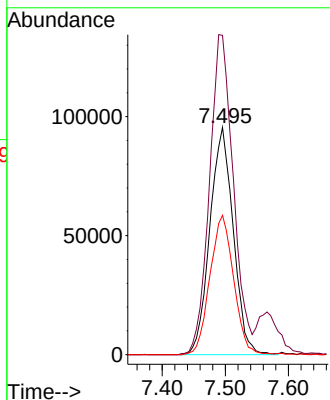
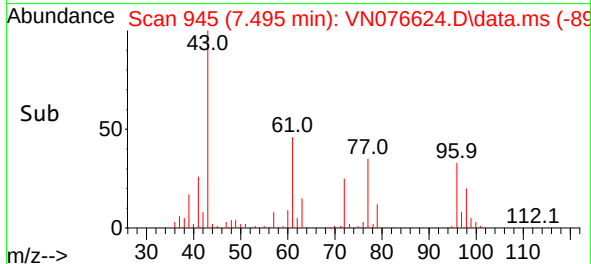
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 245940
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 262.2
 98 62.0 0.0 128.6

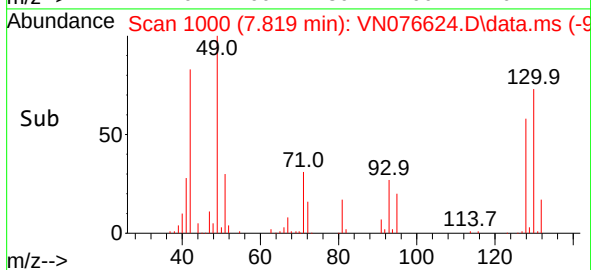
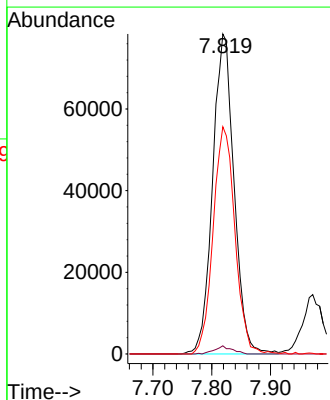
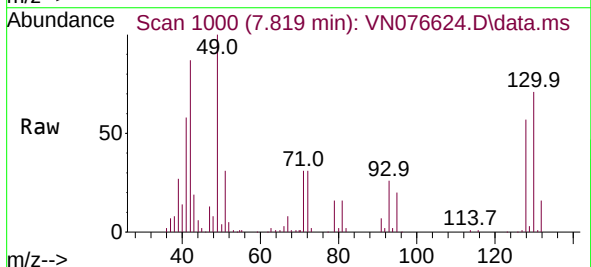
Manual Integrations
 APPROVED

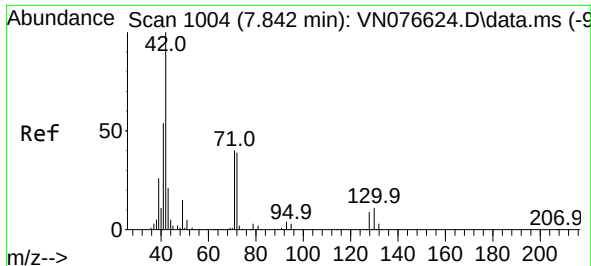
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#28
 Bromochloromethane
 Concen: 69.412 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.005 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51

Tgt Ion: 49 Resp: 198276
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 72.3 74.3 111.5#





#29

Tetrahydrofuran

Concen: 409.943 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.005 min

Lab File: VN076624.D

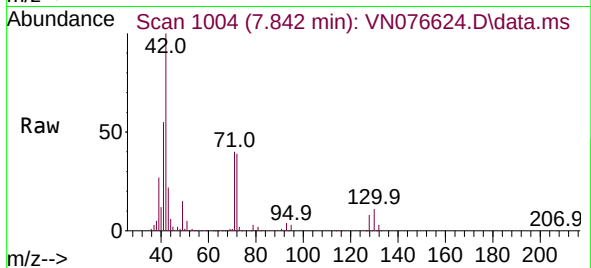
Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



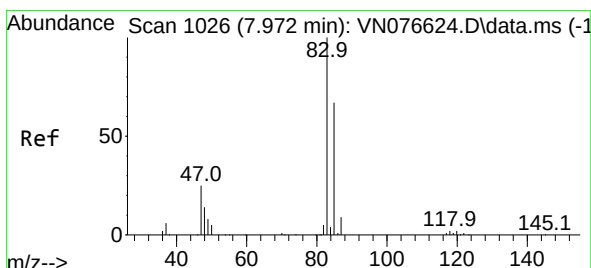
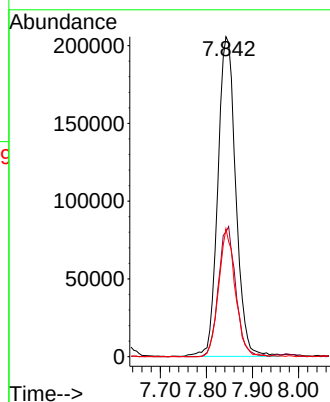
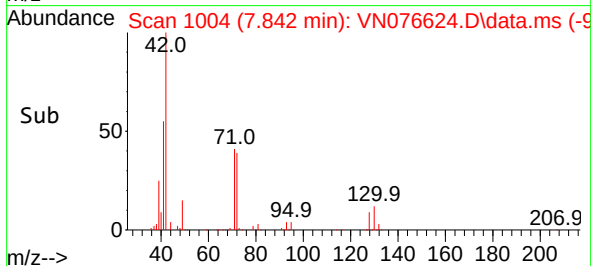
Tgt Ion:	42	Resp:	554270
Ion Ratio	100	Lower	Upper
42	100		
72	39.4	42.9	64.3
71	37.3	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 52.746 ug/l

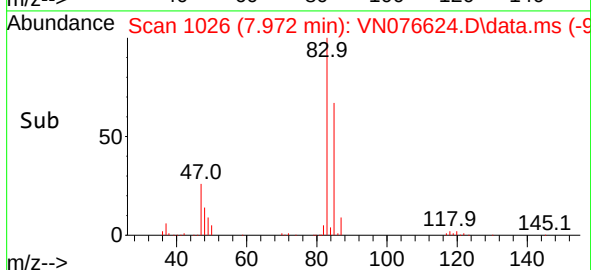
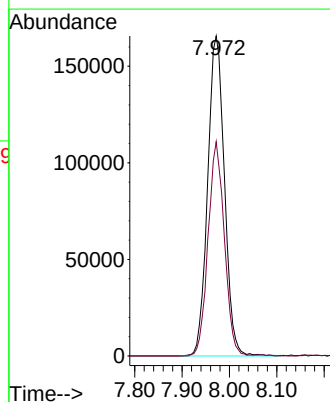
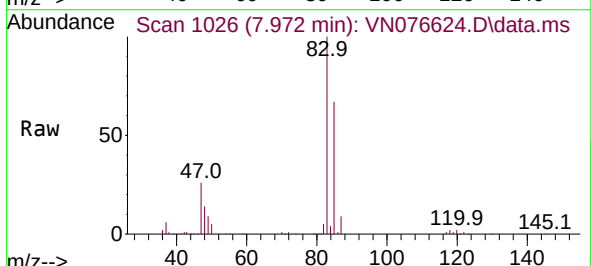
RT: 7.972 min Scan# 1026

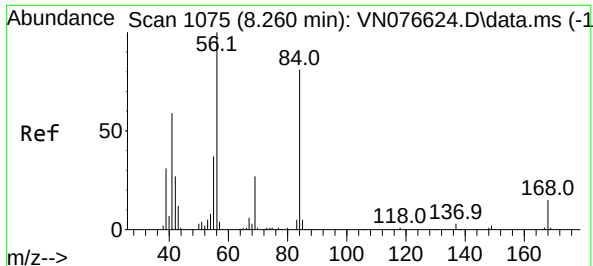
Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

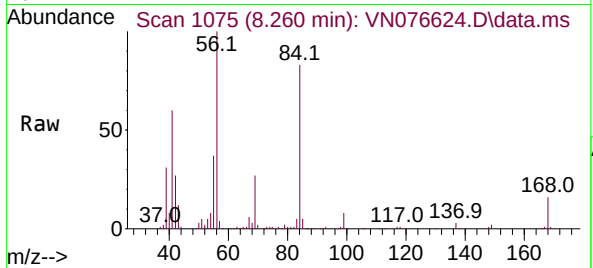
Tgt Ion:	83	Resp:	407925
Ion Ratio	100	Lower	Upper
83	100		
85	66.9	52.5	78.7





#31
Cyclohexane
Concen: 54.232 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

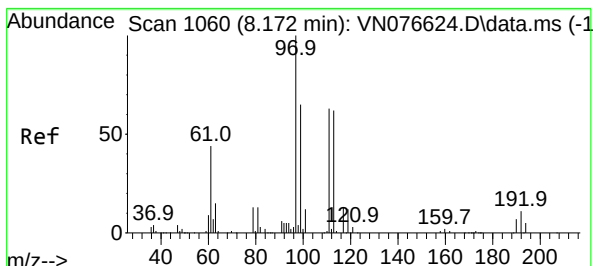
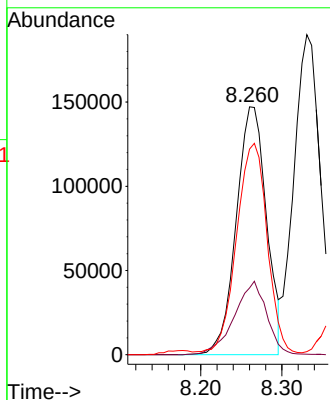
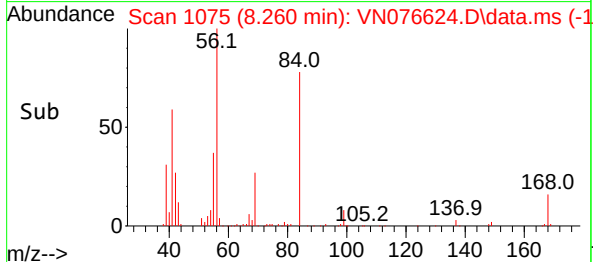
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



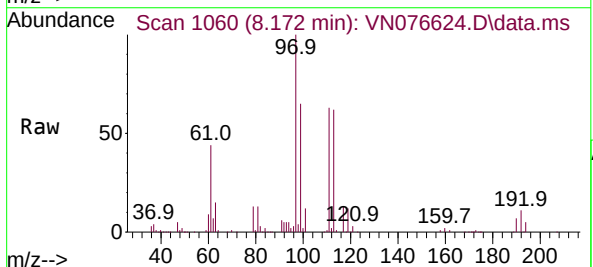
Tgt Ion: 56 Resp: 380520
Ion Ratio Lower Upper
56 100
69 27.0 27.0 40.4
84 81.4 79.5 119.3

Manual Integrations
APPROVED

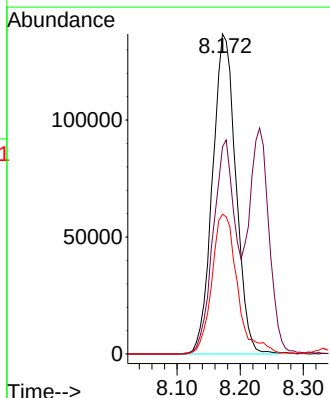
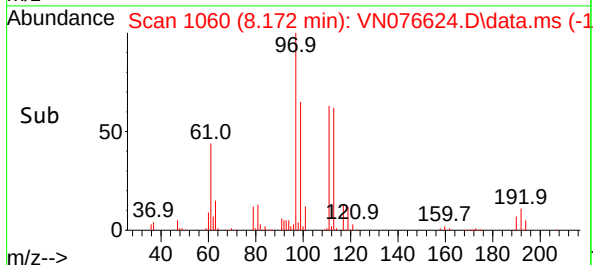
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

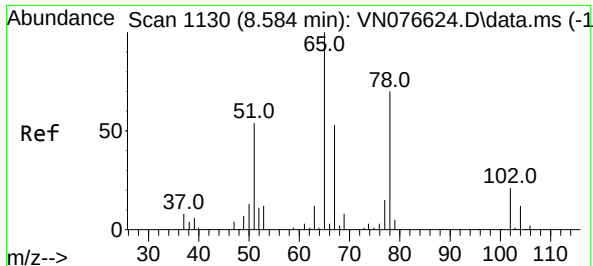


#32
1,1,1-Trichloroethane
Concen: 50.683 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



Tgt Ion: 97 Resp: 351229
Ion Ratio Lower Upper
97 100
99 64.0 53.5 80.3
61 47.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 55.455 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 24618

Ion Ratio Lower Upper

65 100

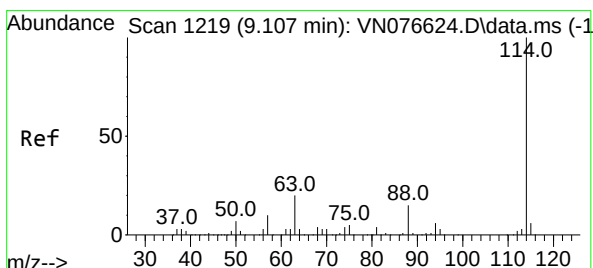
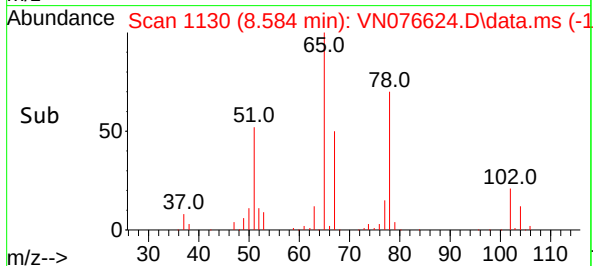
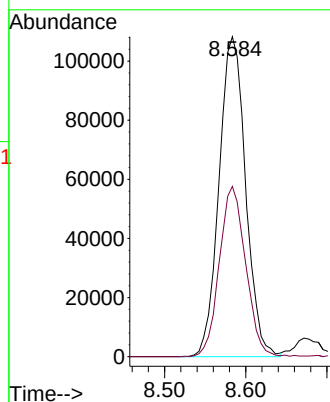
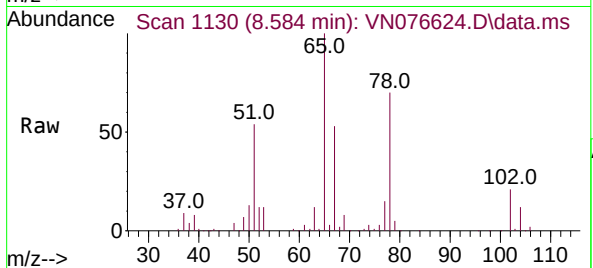
67 52.8 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

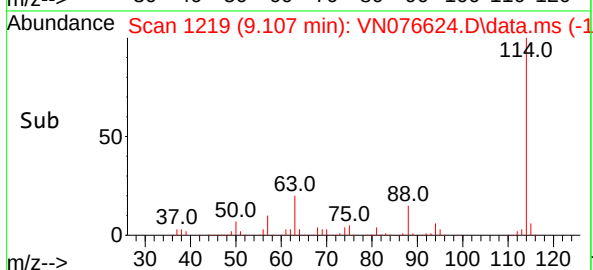
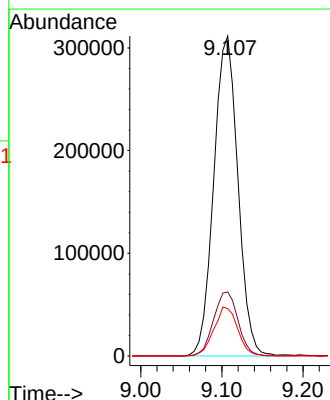
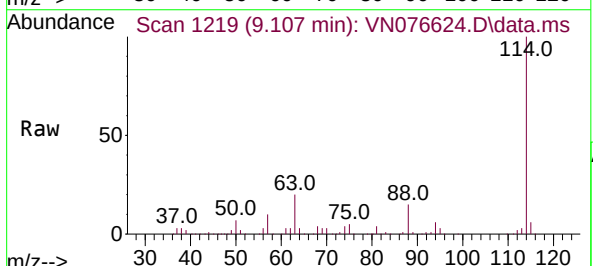
Tgt Ion:114 Resp: 643310

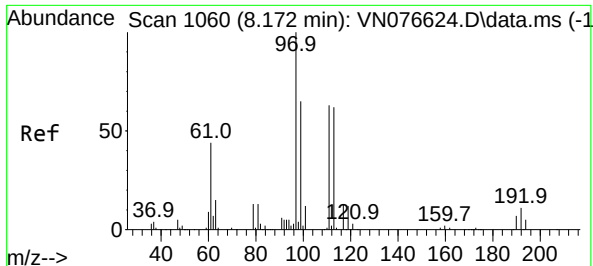
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 14.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.832 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 19928

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

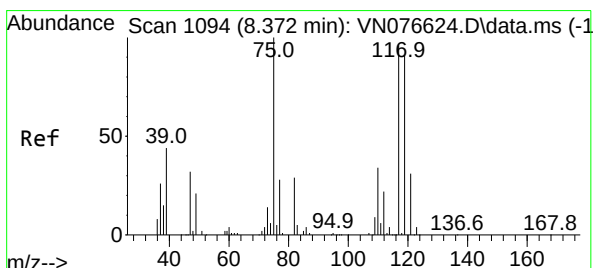
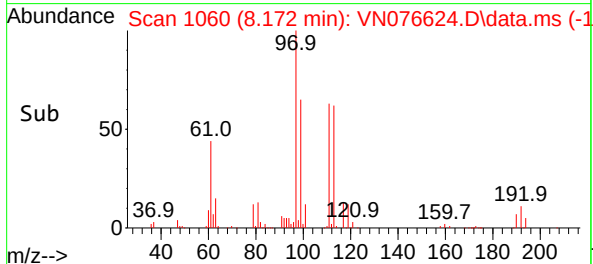
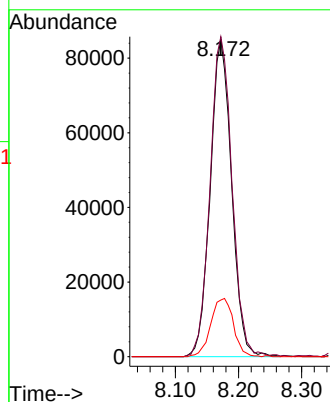
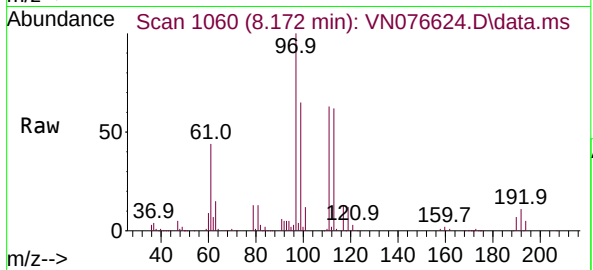
192 19.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#36

1,1-Dichloropropene

Concen: 52.843 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.005 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

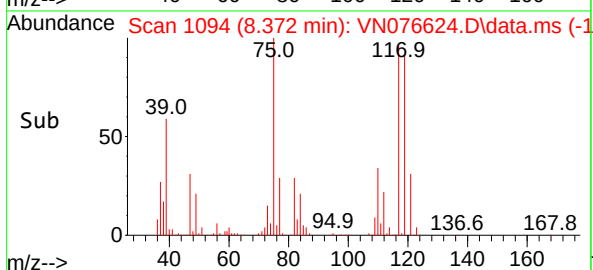
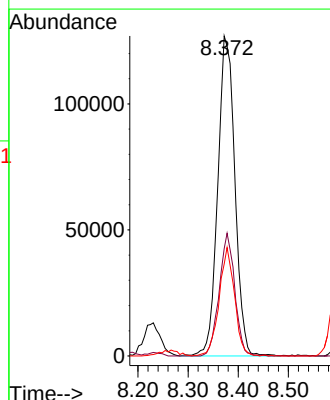
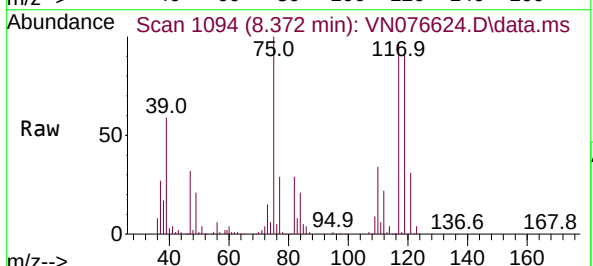
Tgt Ion: 75 Resp: 301715

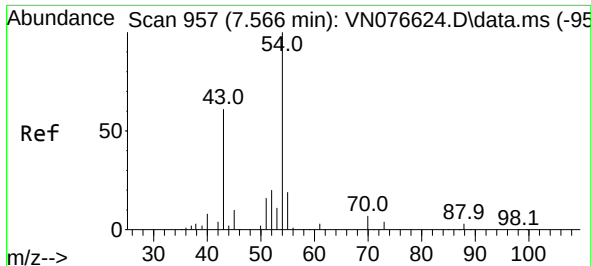
Ion Ratio Lower Upper

75 100

110 35.0 18.6 55.6

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 76.625 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 32777

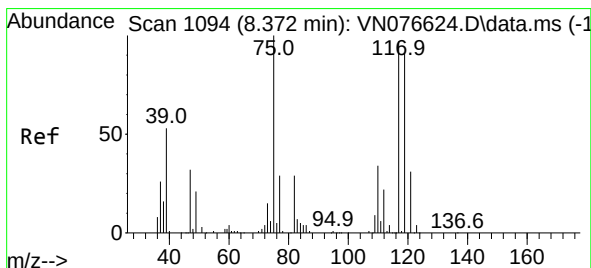
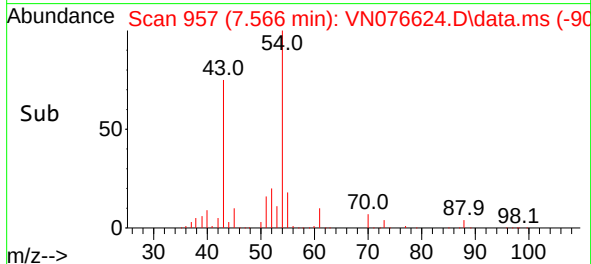
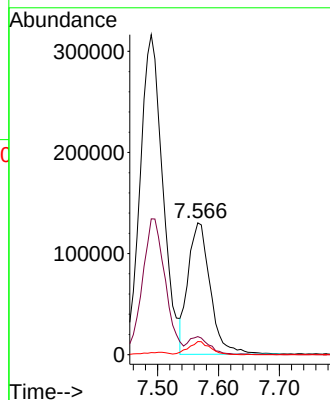
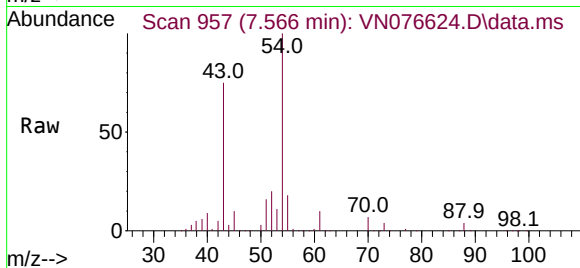
Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.8	17.6
70	9.7	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#38

Carbon Tetrachloride

Concen: 49.367 ug/l

RT: 8.372 min Scan# 1094

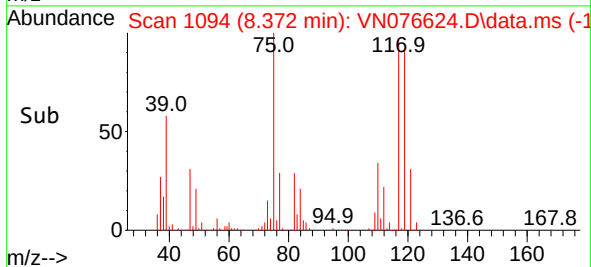
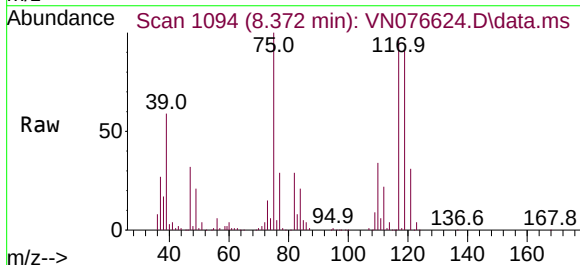
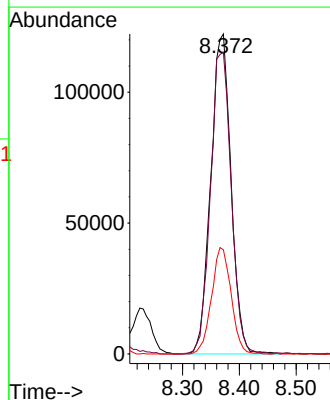
Delta R.T. 0.007 min

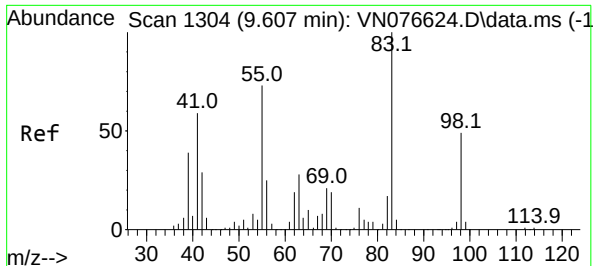
Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Tgt Ion:117 Resp: 303059

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.2	115.8
121	32.5	23.9	35.9





#39

Methylcyclohexane

Concen: 51.771 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 36710

Ion Ratio Lower Upper

83 100

55 73.3 53.8 80.6

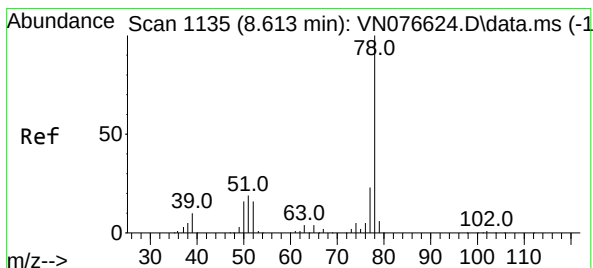
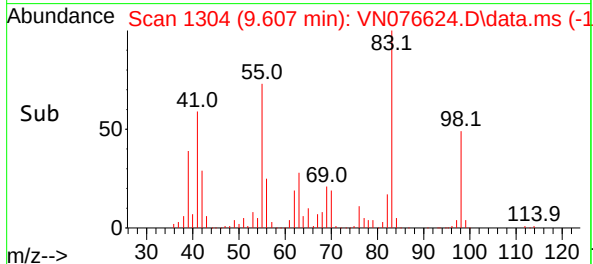
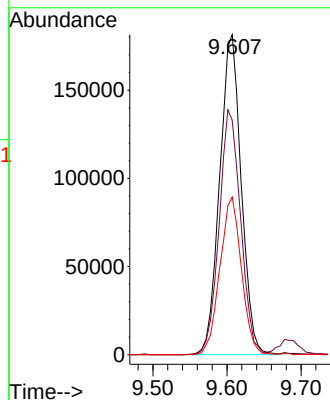
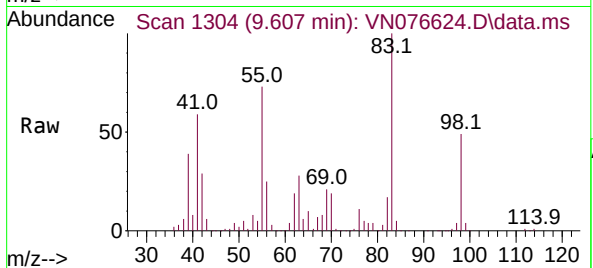
98 49.3 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 53.920 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.001 min

Lab File: VN076624.D

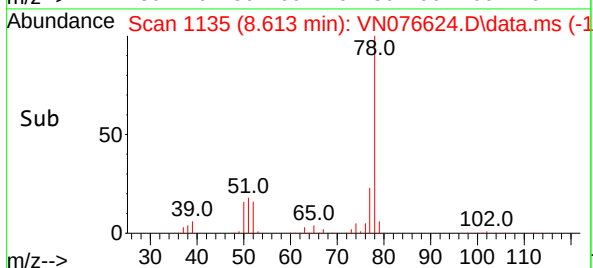
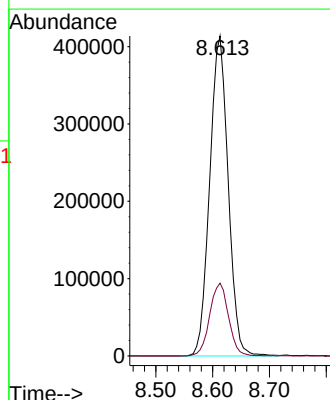
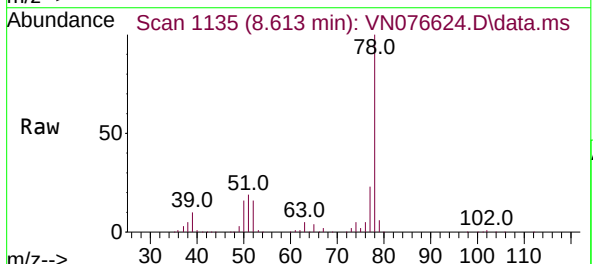
Acq: 13 Feb 2023 11:51

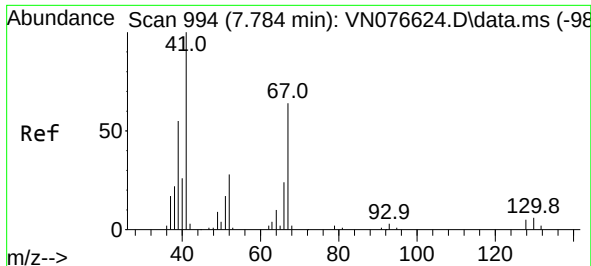
Tgt Ion: 78 Resp: 933243

Ion Ratio Lower Upper

78 100

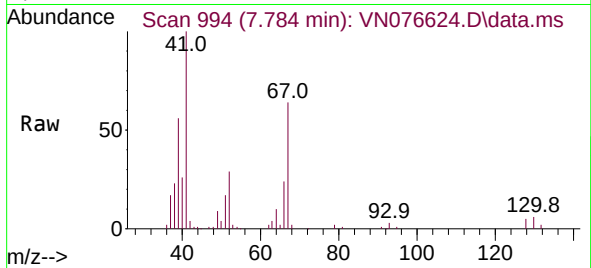
77 22.8 18.6 27.8





#41
Methacrylonitrile
Concen: 79.623 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

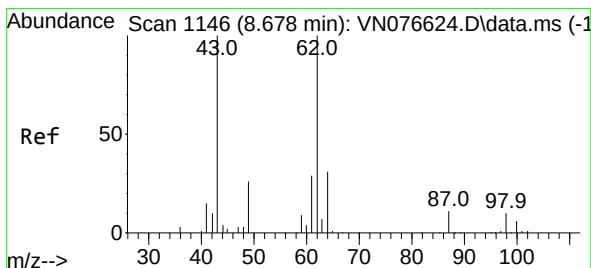
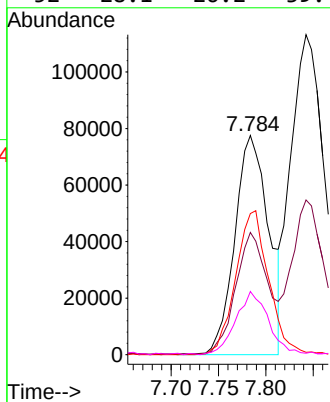
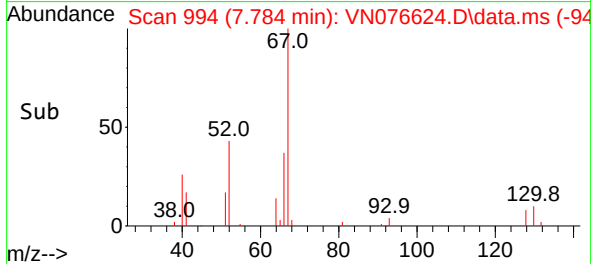
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



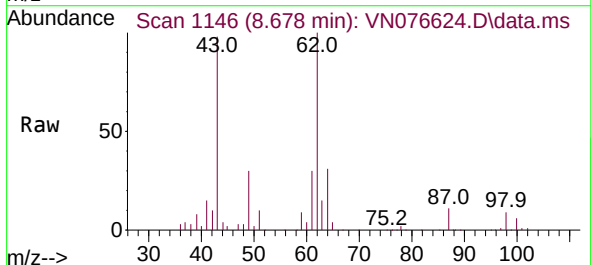
Tgt Ion: 41 Resp: 192854
Ion Ratio Lower Upper
41 100
39 53.2 41.3 61.9
67 64.2 69.6 104.4
52 28.1 26.2 39.4

Manual Integrations
APPROVED

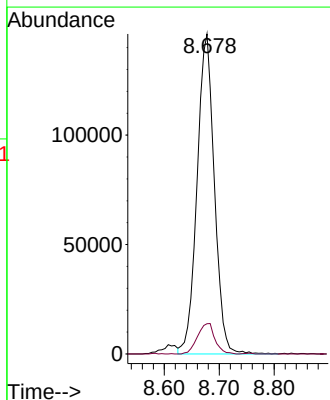
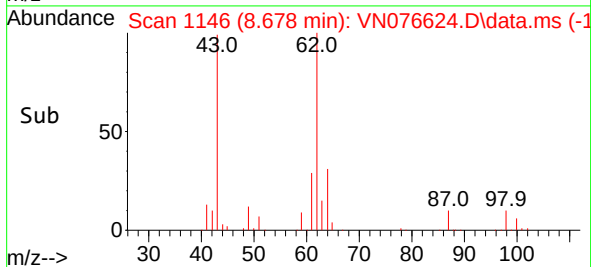
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

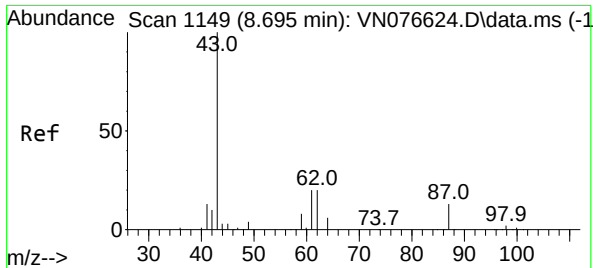


#42
1,2-Dichloroethane
Concen: 56.761 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



Tgt Ion: 62 Resp: 319859
Ion Ratio Lower Upper
62 100
98 9.6 0.0 21.6





#43

Isopropyl Acetate

Concen: 77.905 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

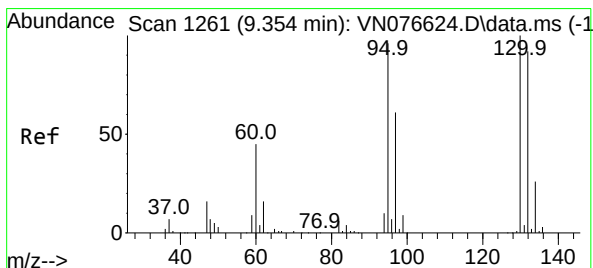
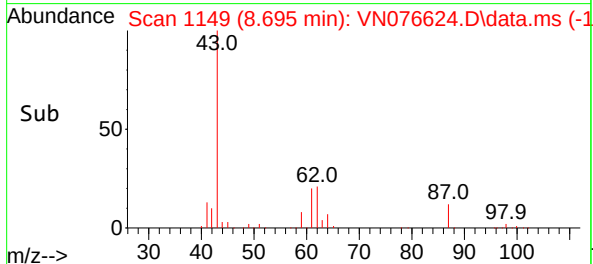
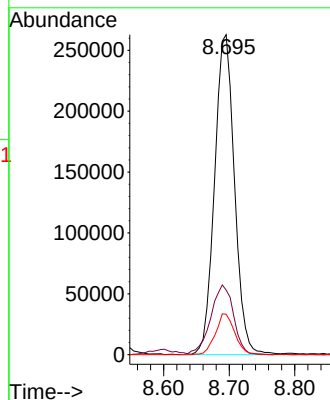
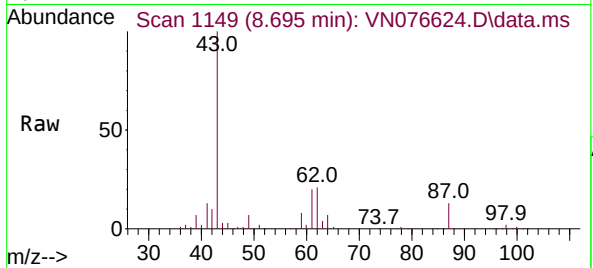
Tgt Ion:	43	Resp:	55453
Ion Ratio	Lower	Upper	
43	100		
61	25.0	24.5	36.7
87	12.4	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#44

Trichloroethene

Concen: 48.654 ug/l

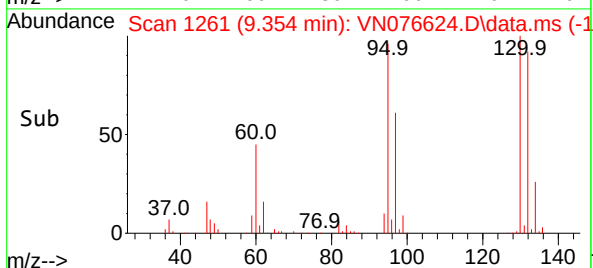
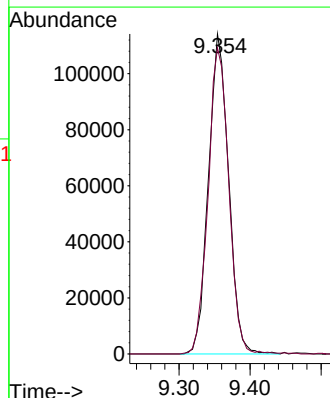
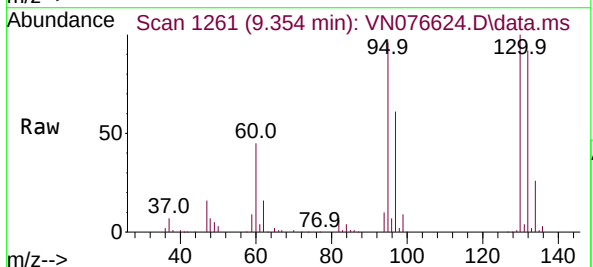
RT: 9.354 min Scan# 1261

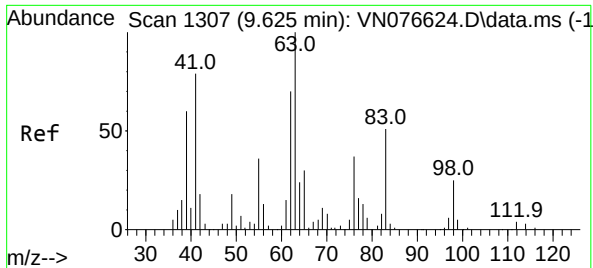
Delta R.T. -0.005 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Tgt Ion:	130	Resp:	224873
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	196.0





#45

1,2-Dichloropropane

Concen: 59.016 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 245329

Ion Ratio Lower Upper

63 100

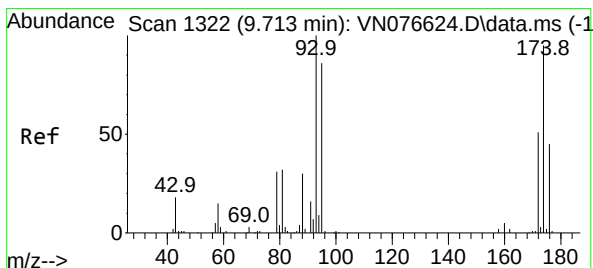
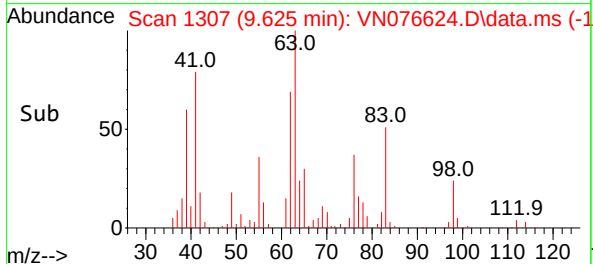
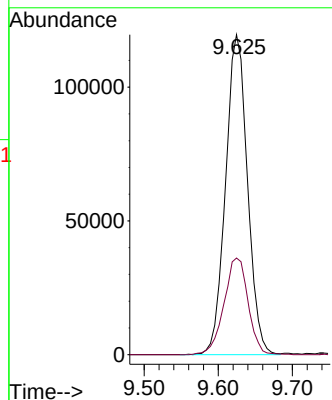
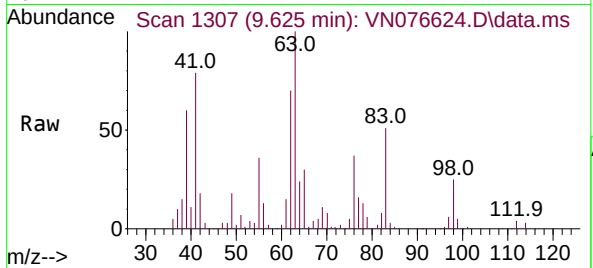
65 30.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 52.613 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

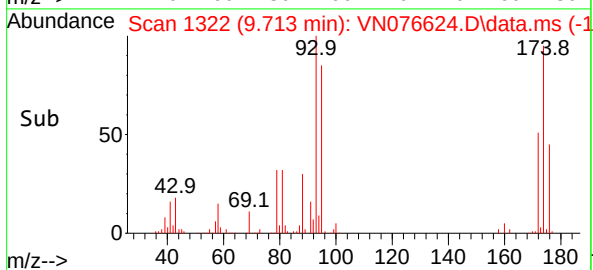
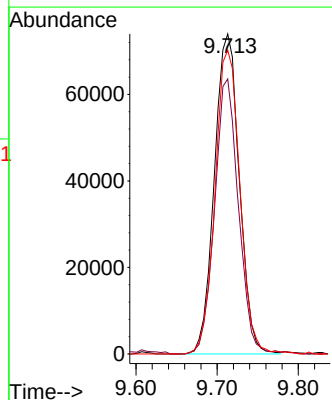
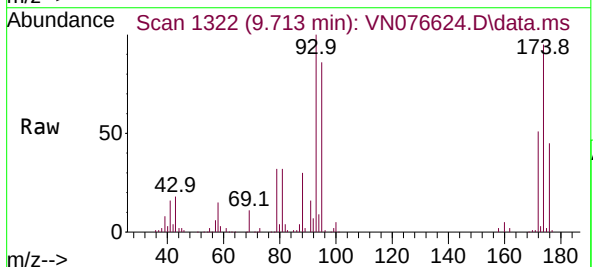
Tgt Ion: 93 Resp: 157770

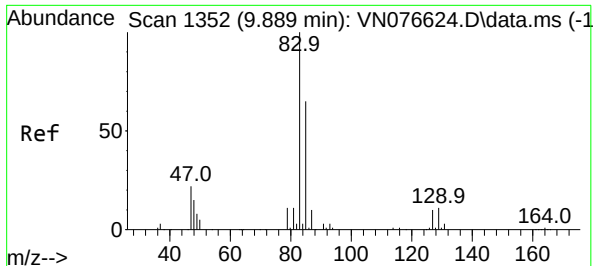
Ion Ratio Lower Upper

93 100

95 82.5 68.0 102.0

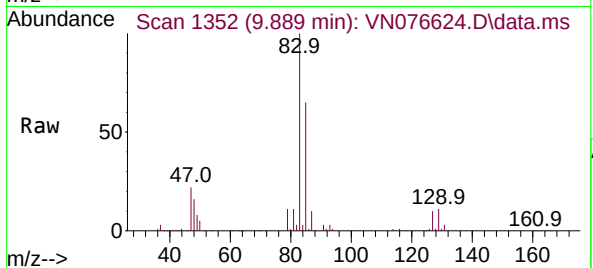
174 94.8 80.9 121.3





#47
Bromodichloromethane
Concen: 52.609 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

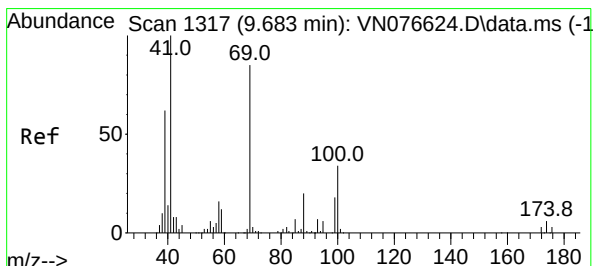
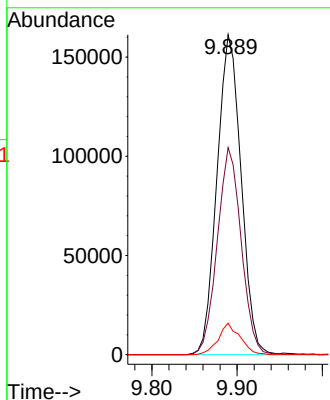
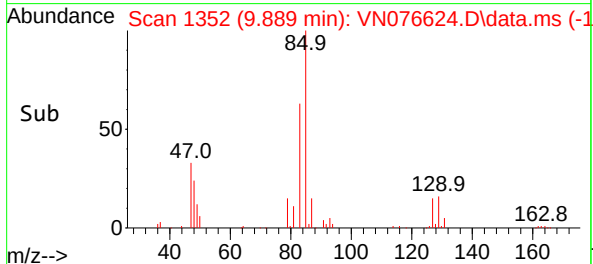
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



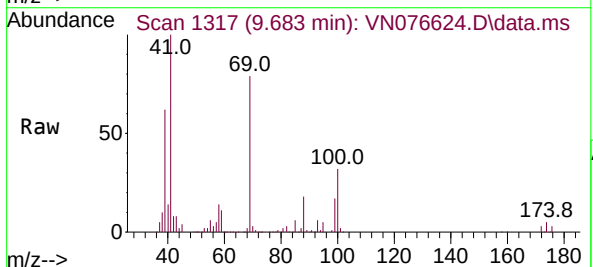
Tgt Ion: 83 Resp: 317238
Ion Ratio Lower Upper
83 100
85 64.7 50.7 76.1
127 9.9 7.0 10.6

Manual Integrations
APPROVED

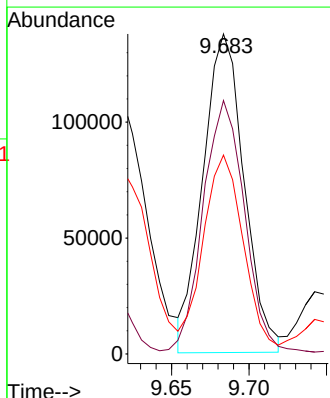
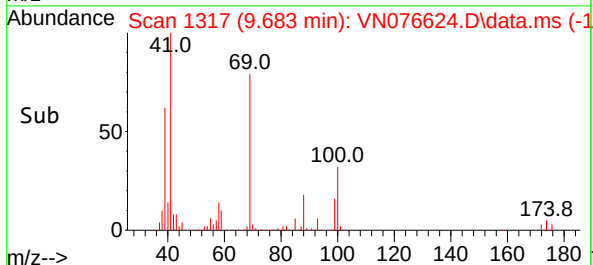
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

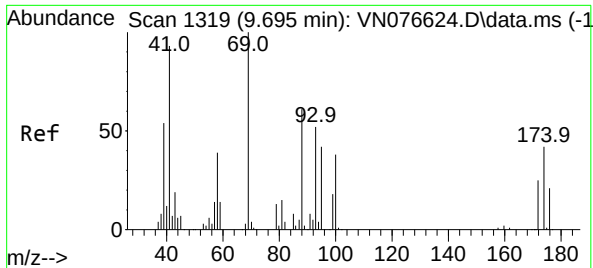


#48
Methyl methacrylate
Concen: 72.449 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



Tgt Ion: 41 Resp: 253620
Ion Ratio Lower Upper
41 100
69 81.7 83.0 124.4#
39 61.6 43.8 65.8





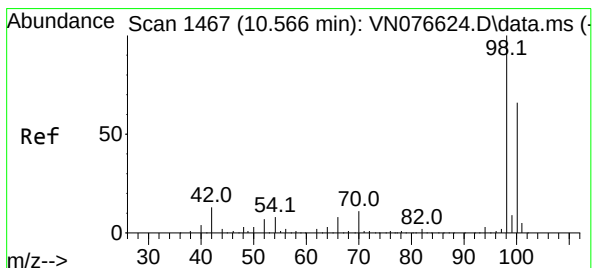
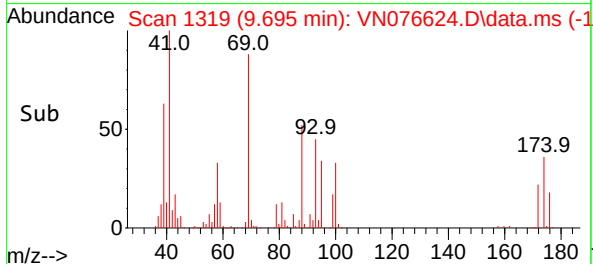
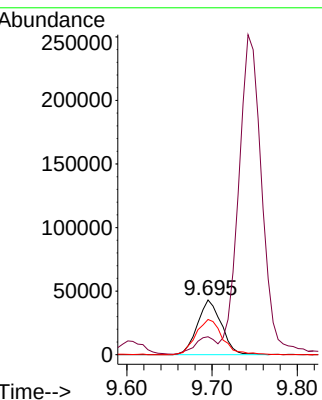
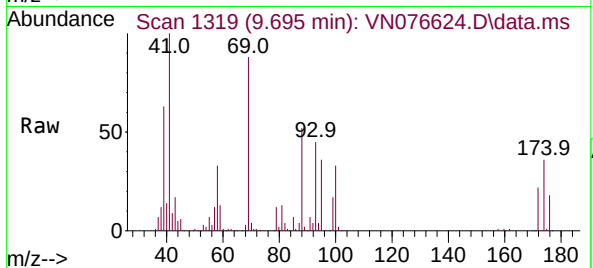
#49
1,4-Dioxane
Concen: 1122.343 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 8404
Ion Ratio Lower Upper
88 100
43 28.2 16.7 25.1
58 72.0 51.7 77.5

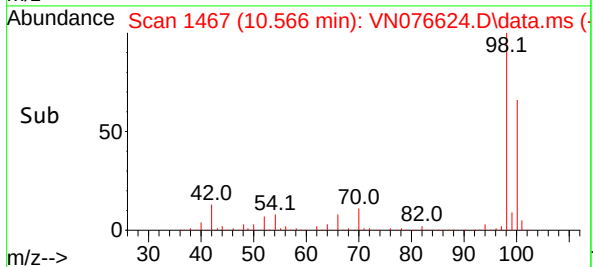
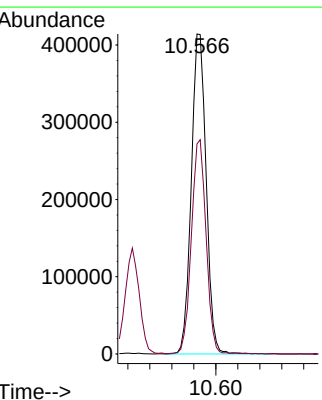
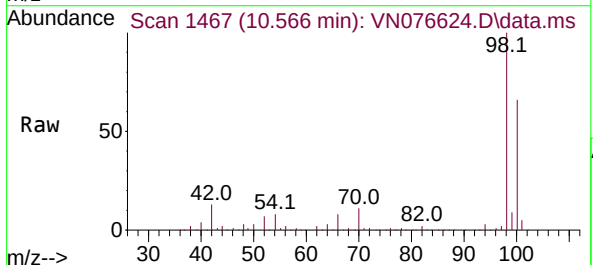
Manual Integrations
APPROVED

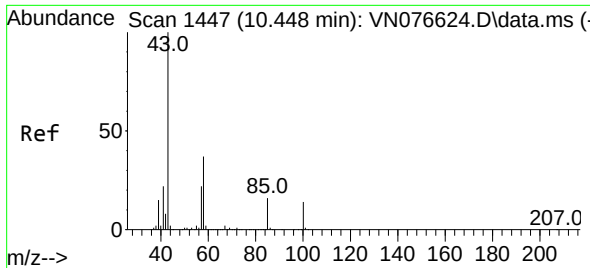
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#50
Toluene-d8
Concen: 51.580 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

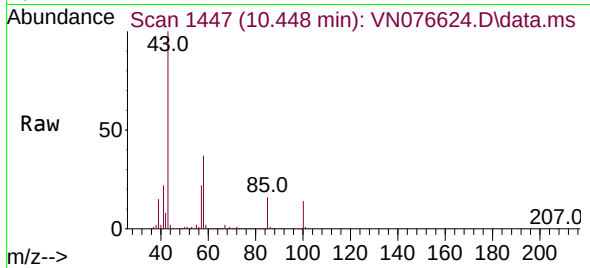
Tgt Ion: 98 Resp: 775990
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 399.875 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

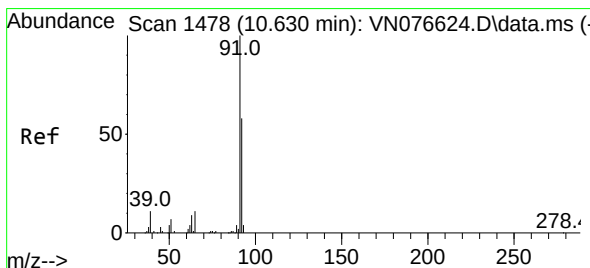
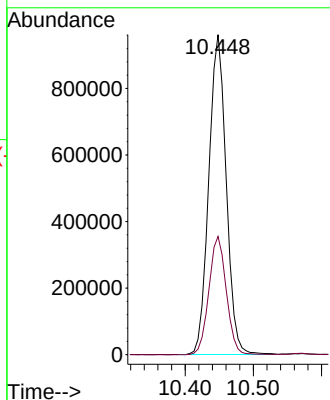
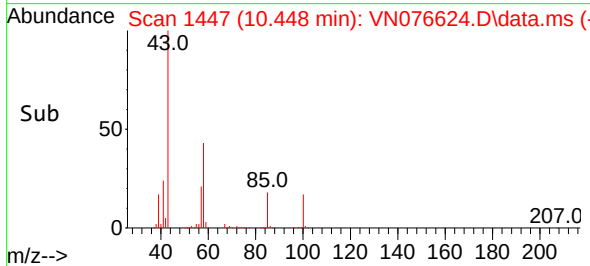
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



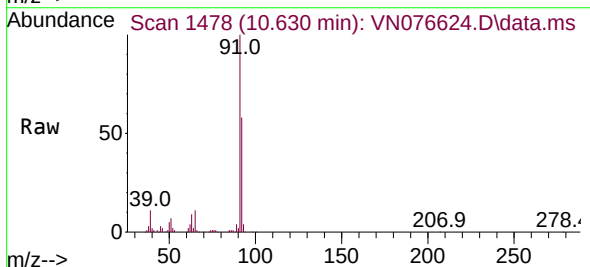
Tgt Ion: 43 Resp: 171066
Ion Ratio Lower Upper
43 100
58 36.9 36.4 54.6

Manual Integrations
APPROVED

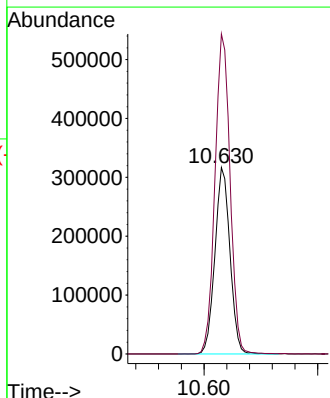
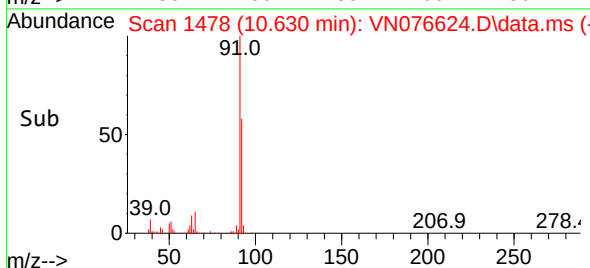
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

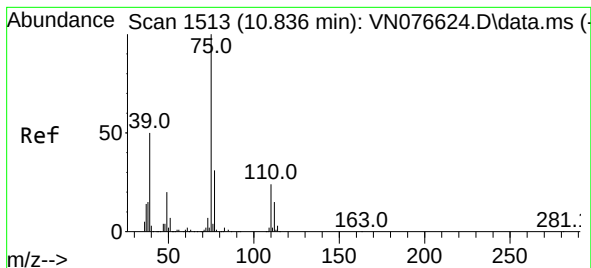


#52
Toluene
Concen: 52.115 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



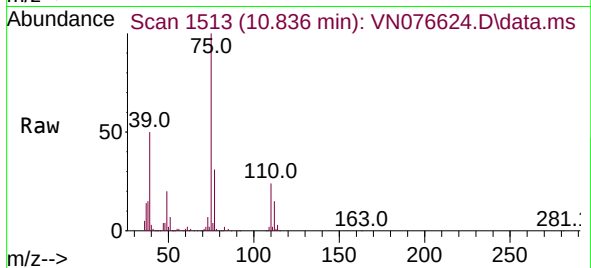
Tgt Ion: 92 Resp: 582111
Ion Ratio Lower Upper
92 100
91 172.5 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 57.074 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

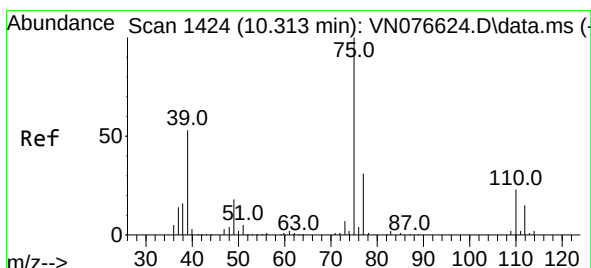
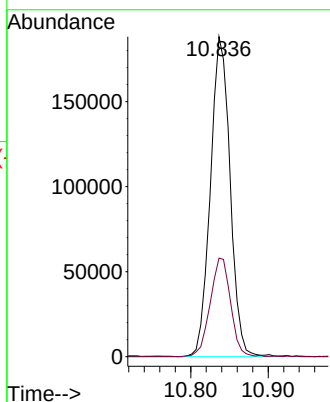
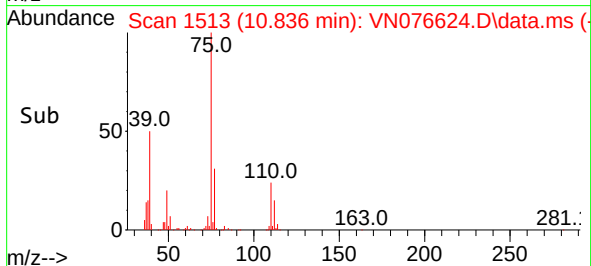
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 332536
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7

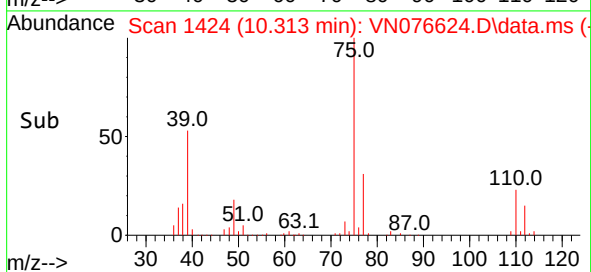
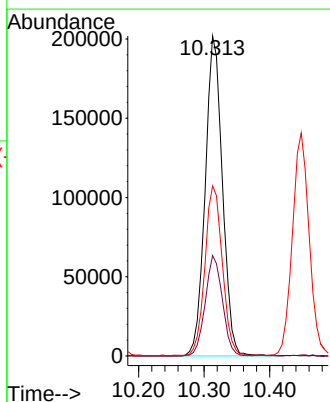
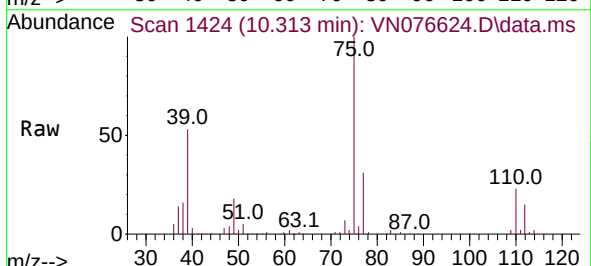
Manual Integrations
APPROVED

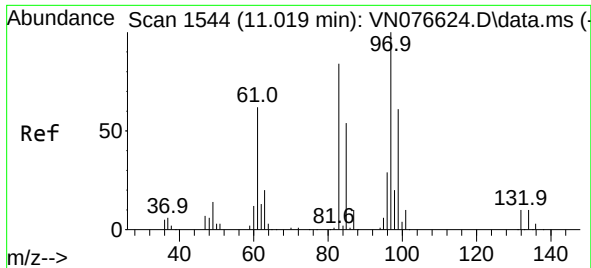
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 55.560 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

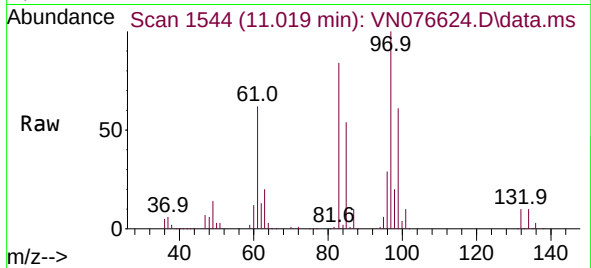
Tgt Ion: 75 Resp: 369151
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 52.9 31.1 46.7#





#55
1,1,2-Trichloroethane
Concen: 51.992 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

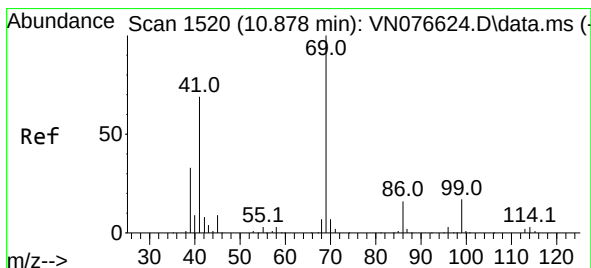
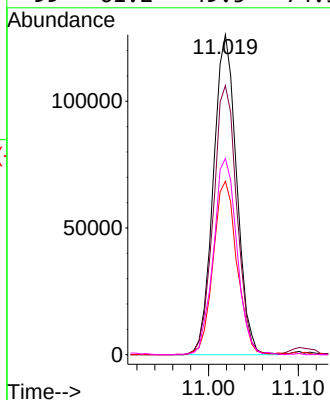
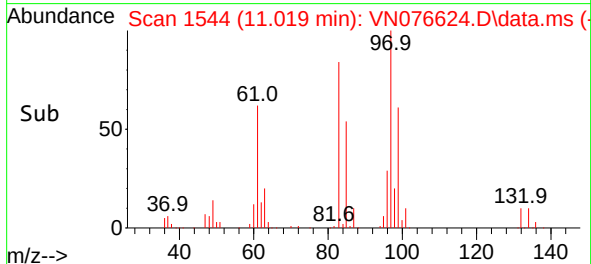
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 227452
Ion Ratio Lower Upper
97 100
83 84.1 67.5 101.3
85 54.0 43.0 64.6
99 61.2 49.5 74.3

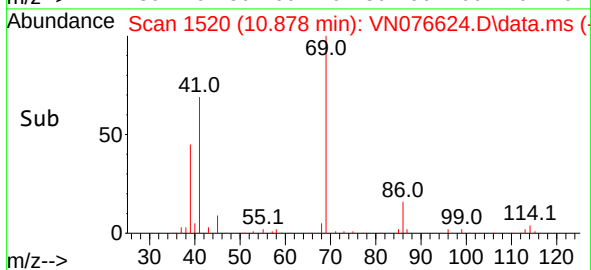
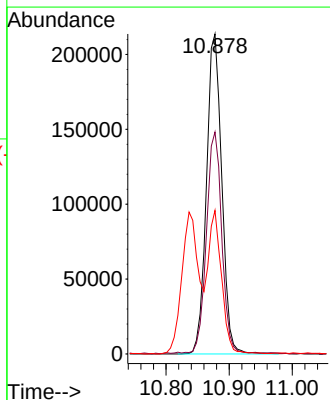
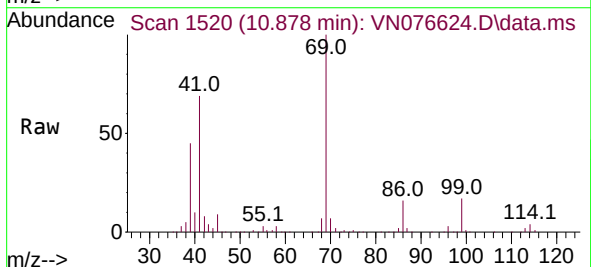
Manual Integrations
APPROVED

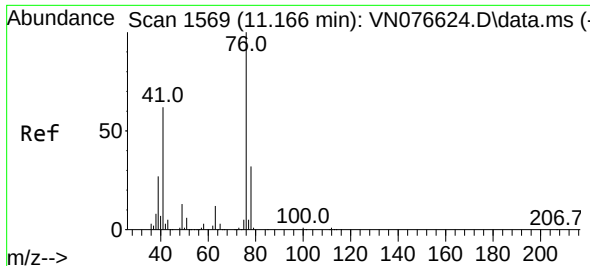
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#56
Ethyl methacrylate
Concen: 61.512 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

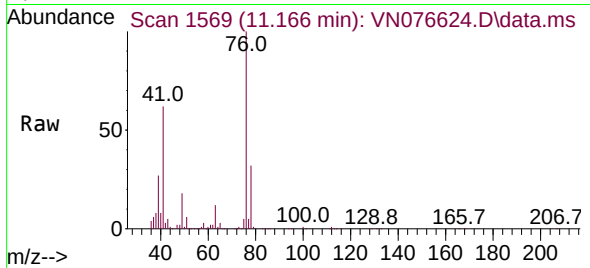
Tgt Ion: 69 Resp: 360157
Ion Ratio Lower Upper
69 100
41 68.9 43.5 65.3#
39 38.4 21.3 31.9#





#57
1,3-Dichloropropane
Concen: 55.694 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

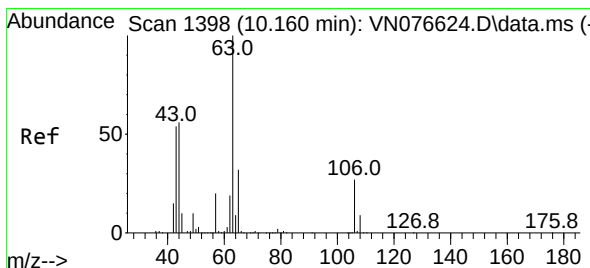
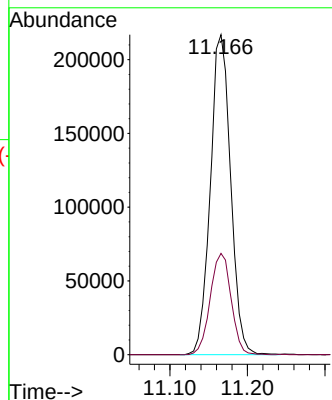
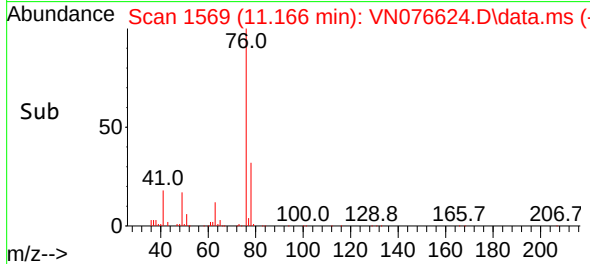
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 394380
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4

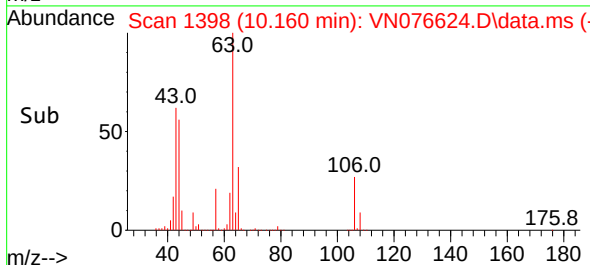
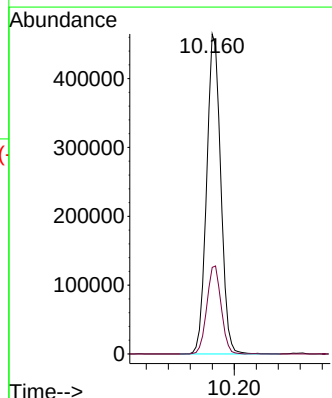
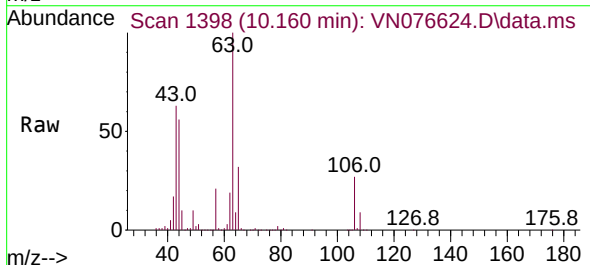
Manual Integrations
APPROVED

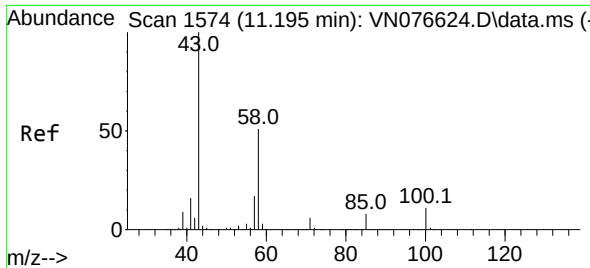
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 494.621 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Tgt Ion: 63 Resp: 827609
Ion Ratio Lower Upper
63 100
106 27.9 25.6 38.4





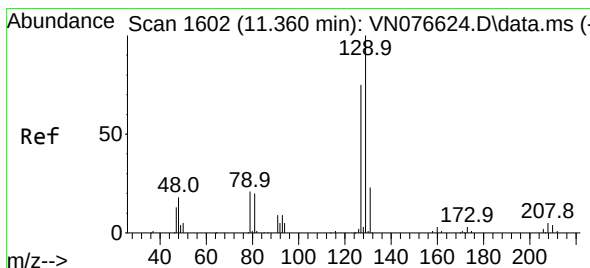
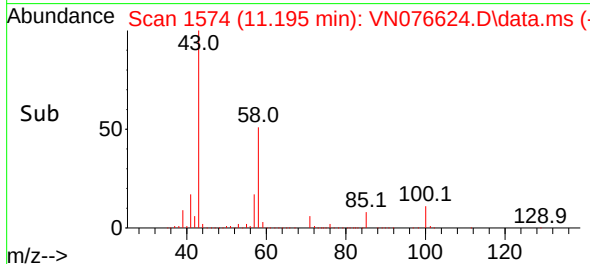
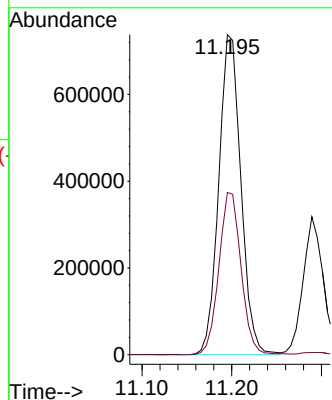
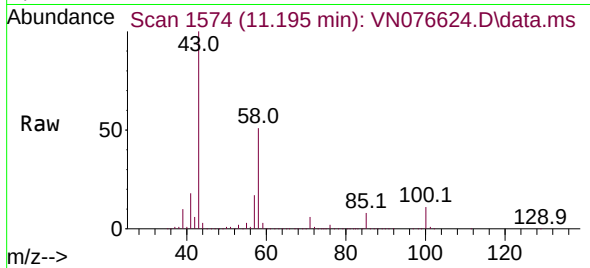
#59
2-Hexanone
Concen: 414.728 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 126486
Ion Ratio Lower Upper
43 100
58 50.7 31.8 95.4

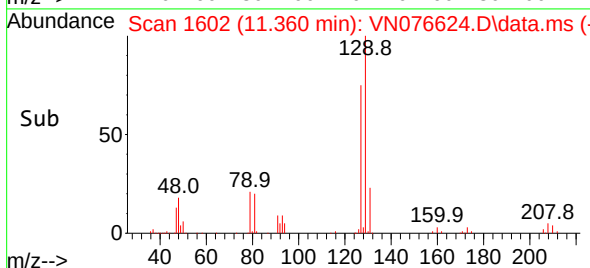
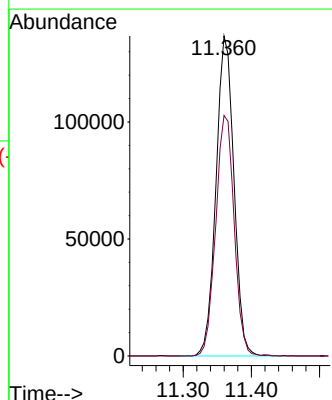
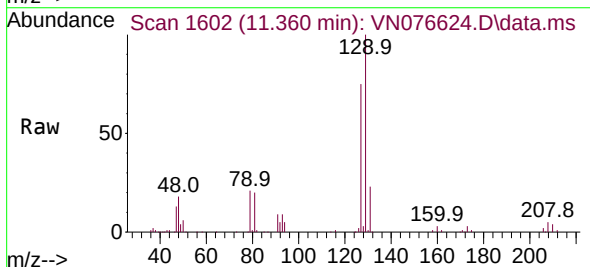
Manual Integrations
APPROVED

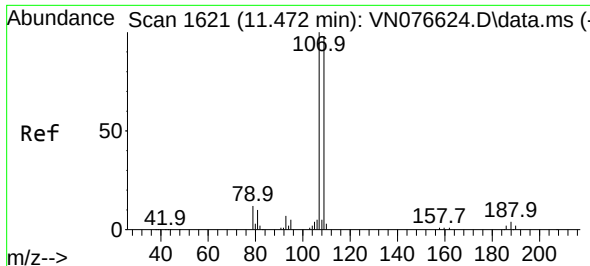
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
Dibromochloromethane
Concen: 54.207 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

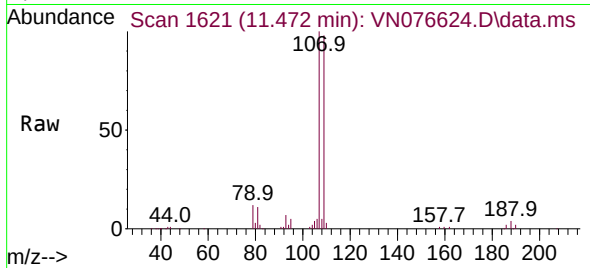
Tgt Ion:129 Resp: 249919
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





#61
1,2-Dibromoethane
Concen: 53.097 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

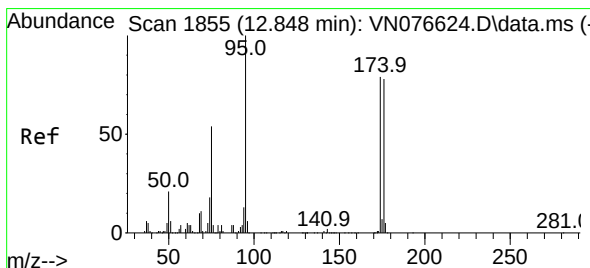
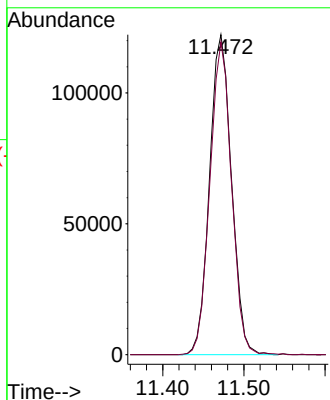
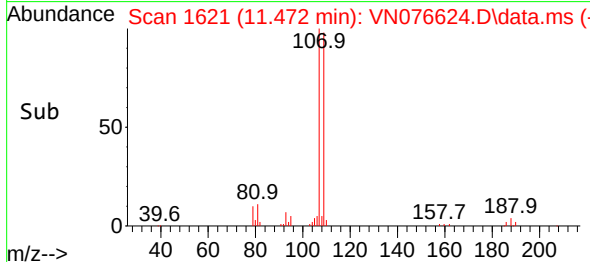
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 229934
Ion Ratio Lower Upper
107 100
109 96.0 75.4 113.0

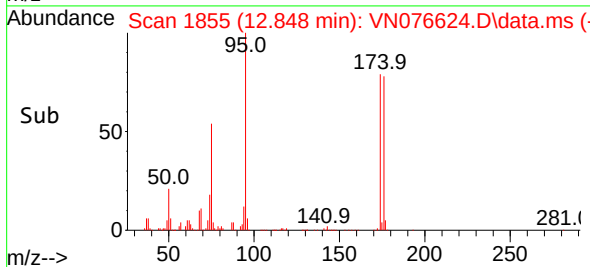
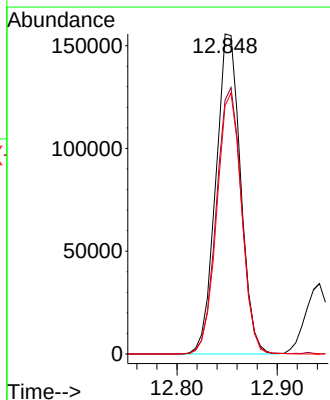
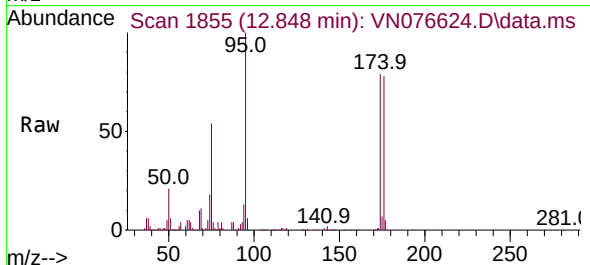
Manual Integrations
APPROVED

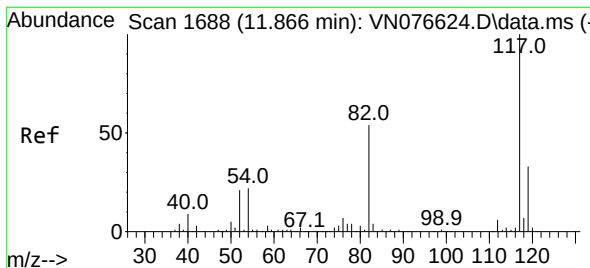
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#62
4-Bromofluorobenzene
Concen: 50.387 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

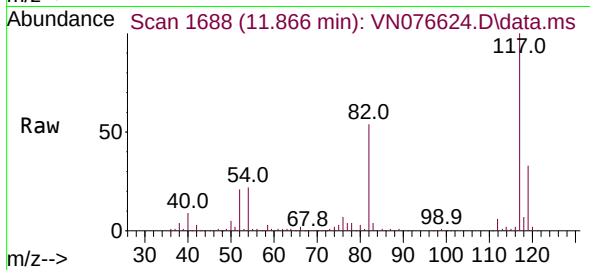
Tgt Ion: 95 Resp: 267055
Ion Ratio Lower Upper
95 100
174 84.6 0.0 154.0
176 81.7 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

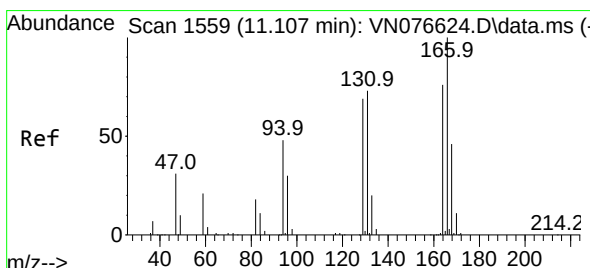
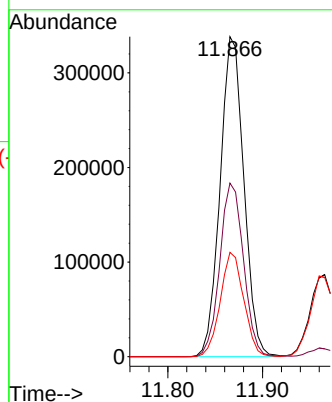
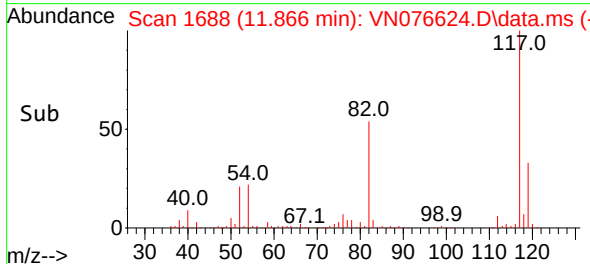
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 590448
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.4
119 32.6 25.1 37.7

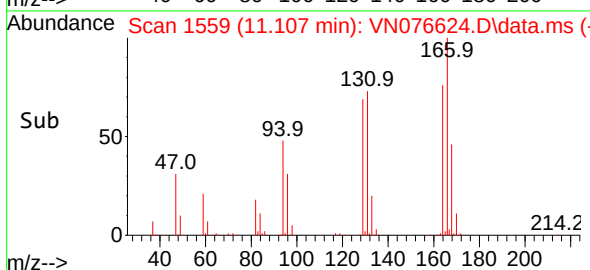
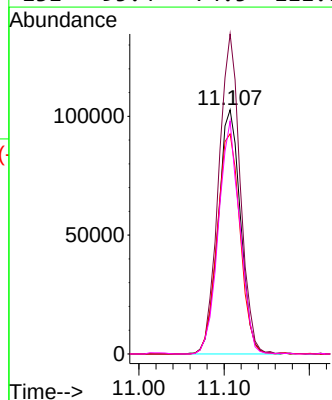
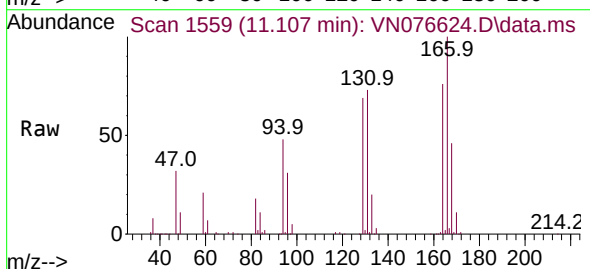
Manual Integrations
APPROVED

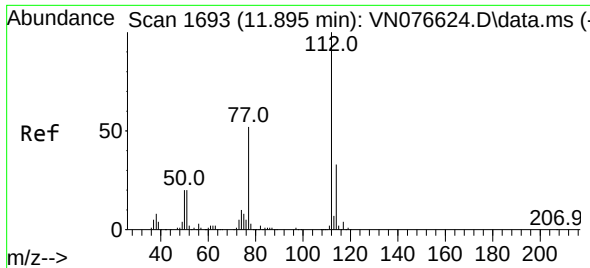
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#64
Tetrachloroethene
Concen: 38.037 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

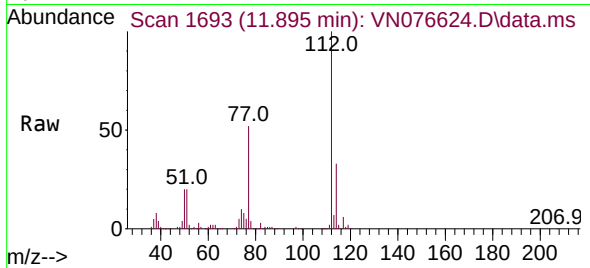
Tgt Ion:164 Resp: 187012
Ion Ratio Lower Upper
164 100
166 131.0 100.2 150.4
129 90.2 76.8 115.2
131 95.4 74.5 111.7





#65
Chlorobenzene
Concen: 50.512 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

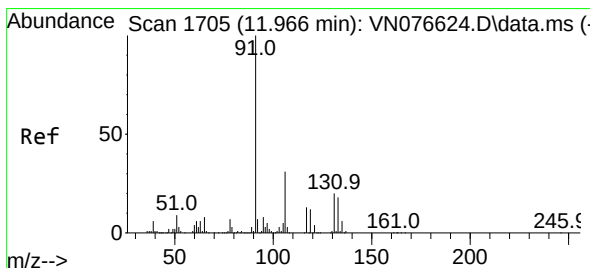
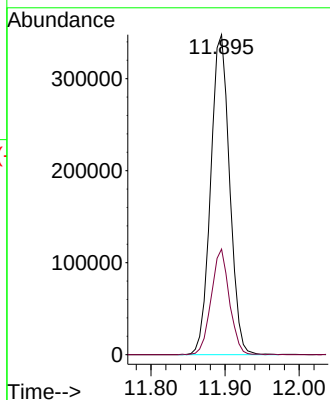
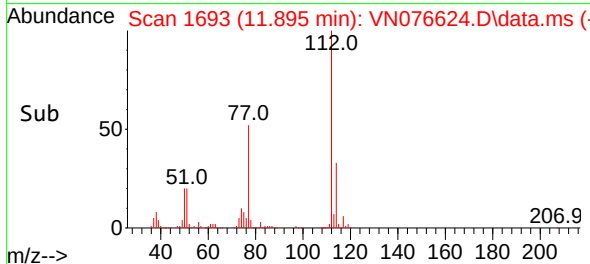
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



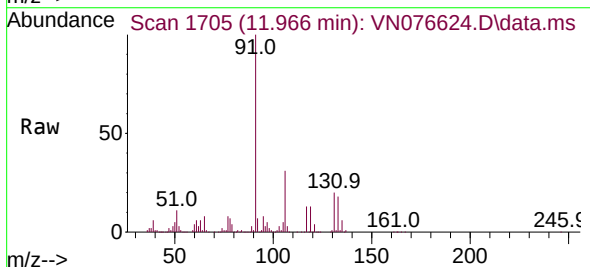
Tgt Ion:112 Resp: 61677
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9

Manual Integrations
APPROVED

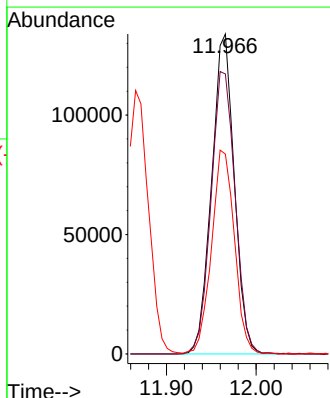
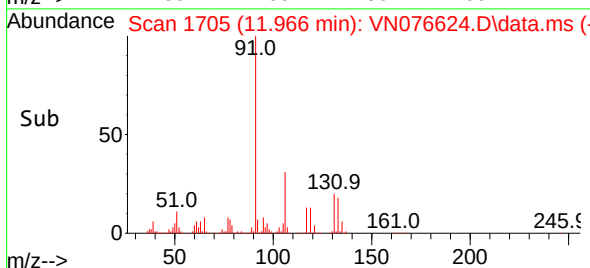
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

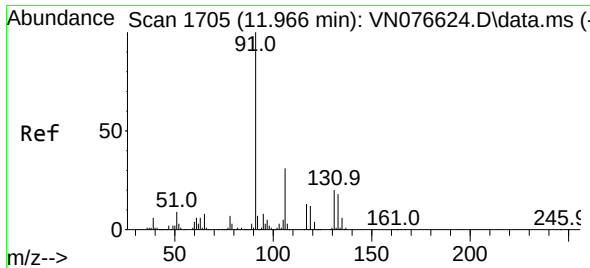


#66
1,1,1,2-Tetrachloroethane
Concen: 51.938 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



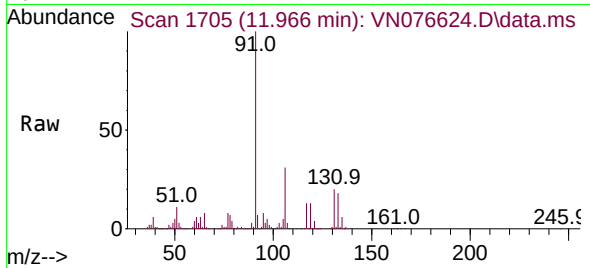
Tgt Ion:131 Resp: 234851
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.2
119 64.5 32.4 97.0





#67
Ethyl Benzene
Concen: 51.014 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

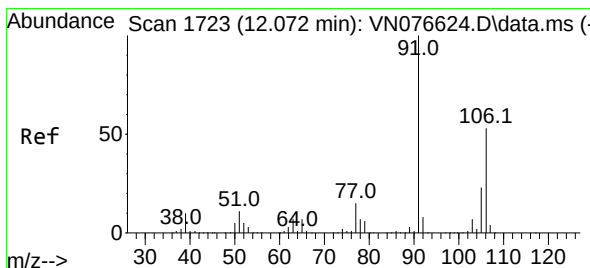
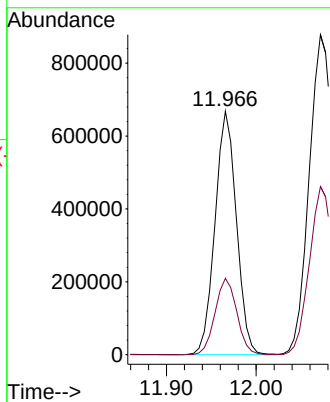
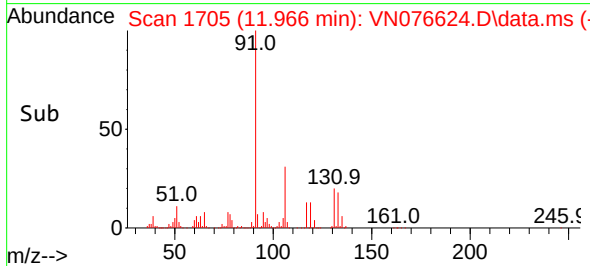
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



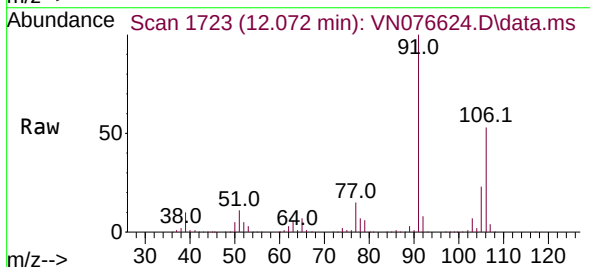
Tgt Ion: 91 Resp: 1107000
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

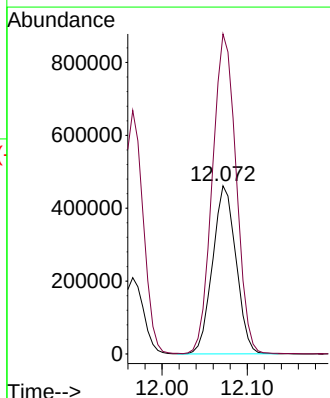
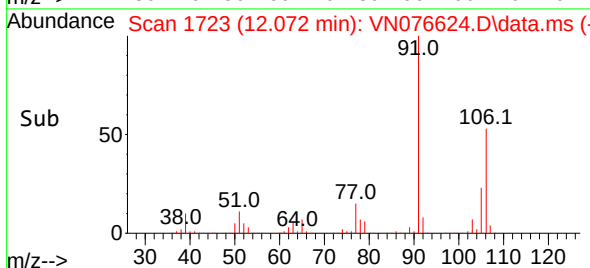
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

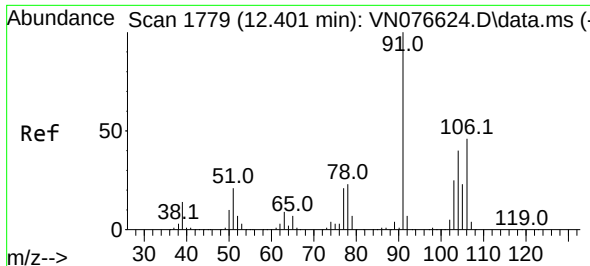


#68
m/p-Xylenes
Concen: 104.393 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



Tgt Ion:106 Resp: 882606
Ion Ratio Lower Upper
106 100
91 193.4 160.2 240.4





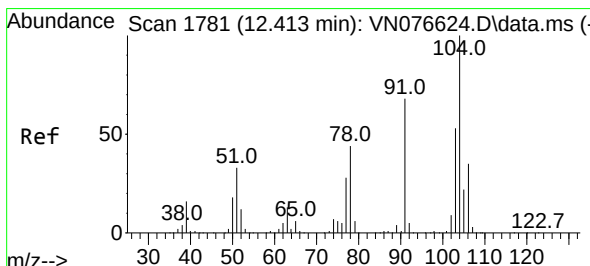
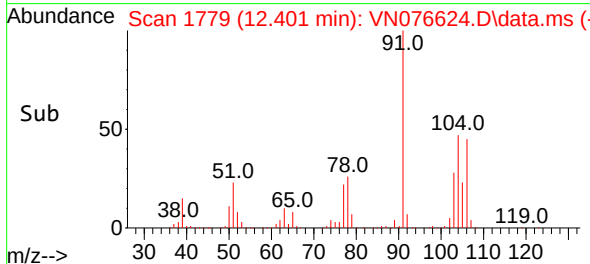
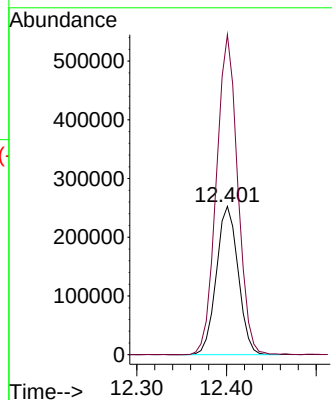
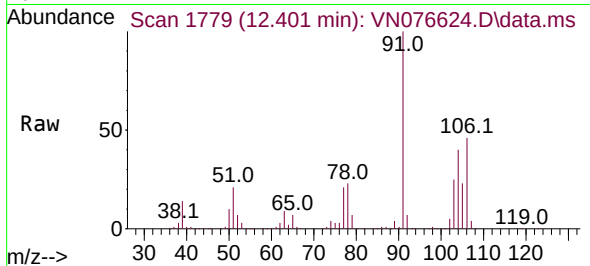
#69
o-Xylene
Concen: 51.463 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 426072
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.5

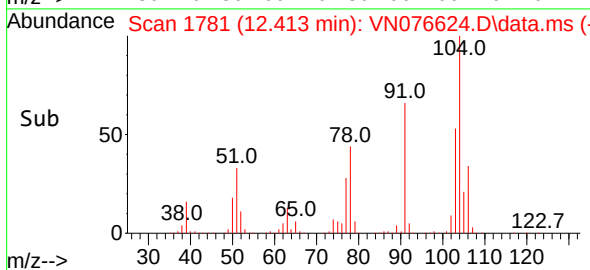
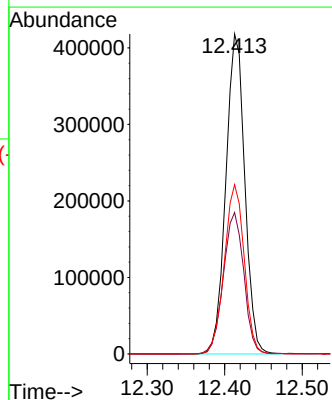
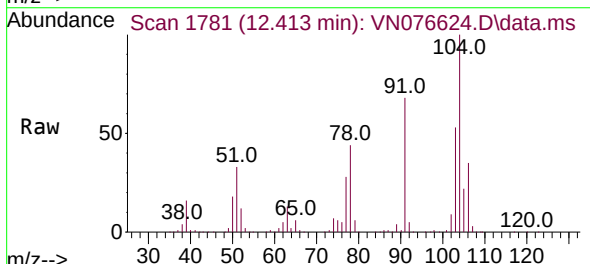
Manual Integrations
APPROVED

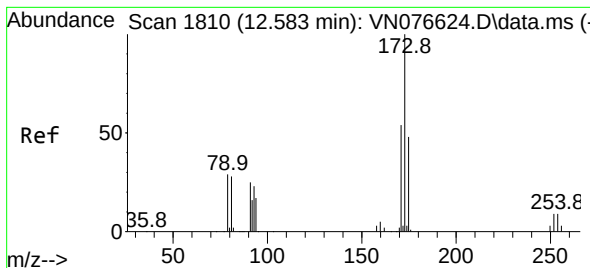
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 54.030 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Tgt Ion:104 Resp: 711447
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 55.3 43.7 65.5





#71

Bromoform

Concen: 55.523 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 175240

Ion Ratio Lower Upper

173 100

175 49.8 24.8 74.3

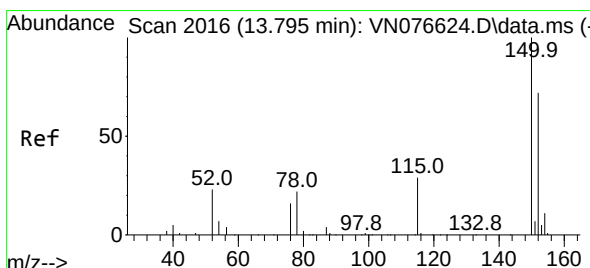
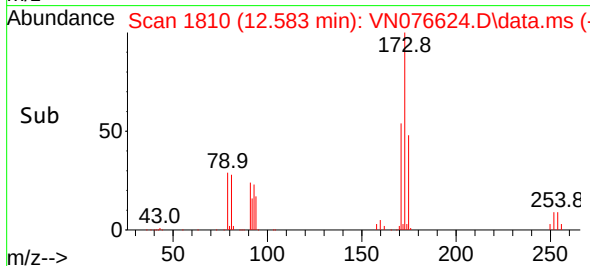
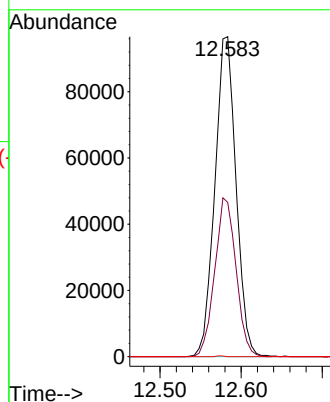
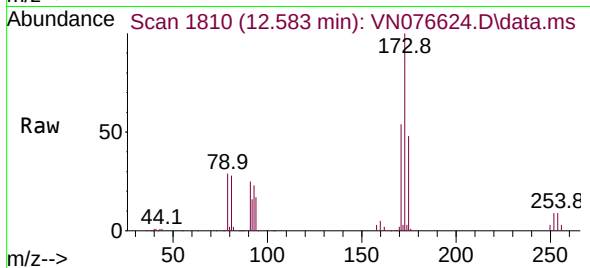
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

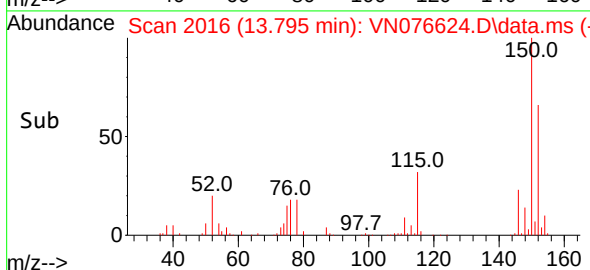
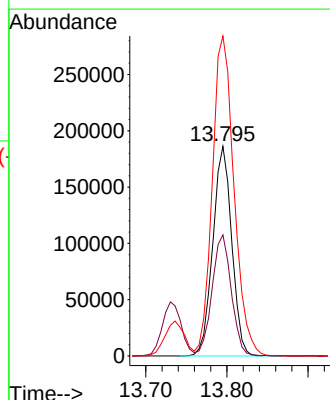
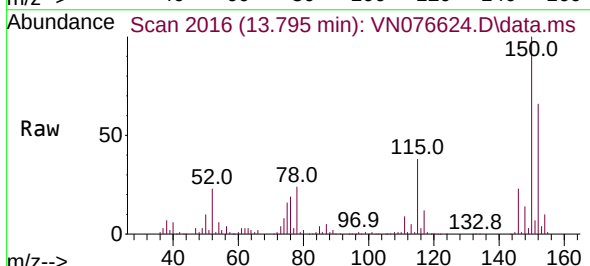
Tgt Ion:152 Resp: 301347

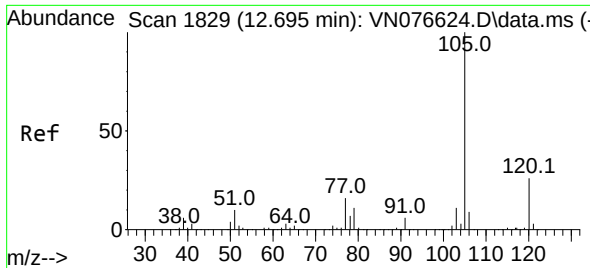
Ion Ratio Lower Upper

152 100

115 58.6 30.8 92.3

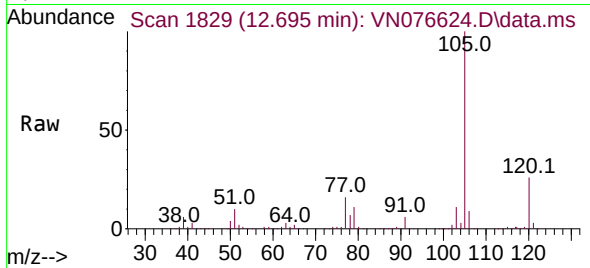
150 174.9 0.0 348.8





#73
Isopropylbenzene
Concen: 45.070 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

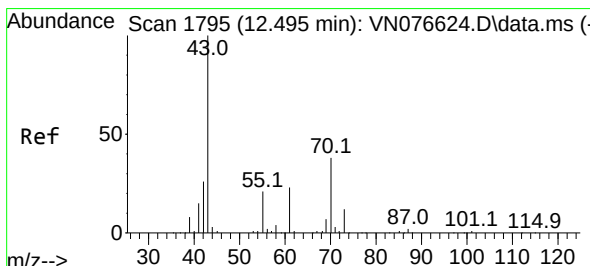
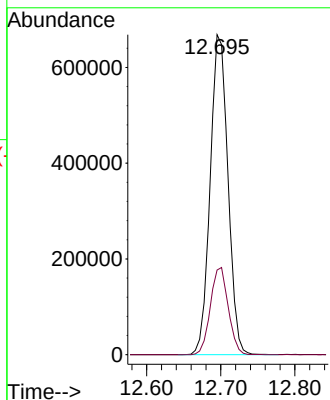
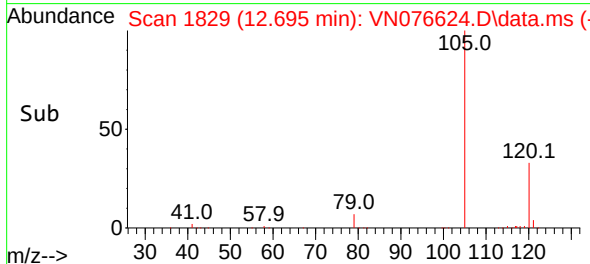
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



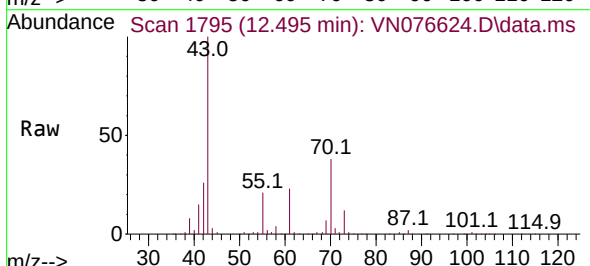
Tgt Ion:105 Resp: 1112309
Ion Ratio Lower Upper
105 100
120 27.3 13.0 39.0

Manual Integrations
APPROVED

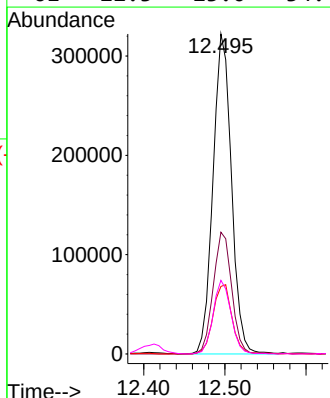
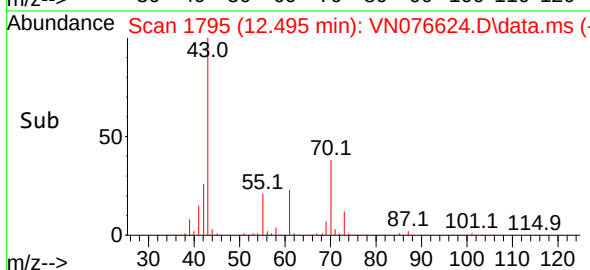
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

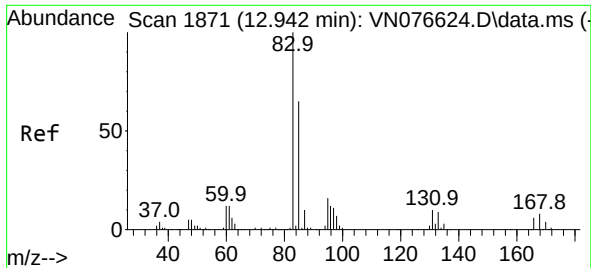


#74
N-ethyl acetate
Concen: 74.123 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



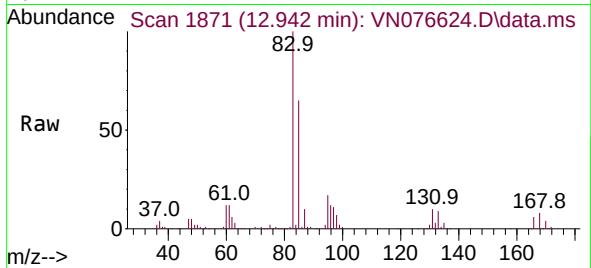
Tgt Ion: 43 Resp: 510143
Ion Ratio Lower Upper
43 100
70 38.1 43.1 64.7#
55 22.3 22.4 33.6#
61 22.3 23.0 34.4#





#75
1,1,2,2-Tetrachloroethane
Concen: 52.506 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

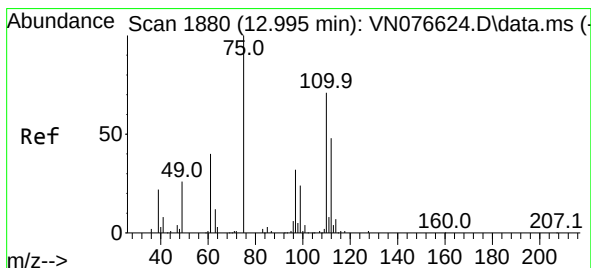
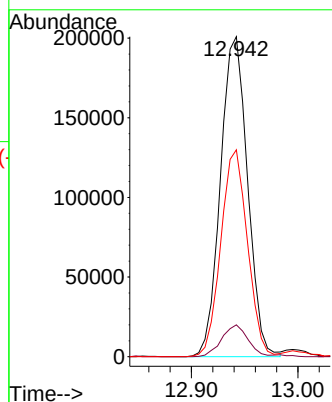
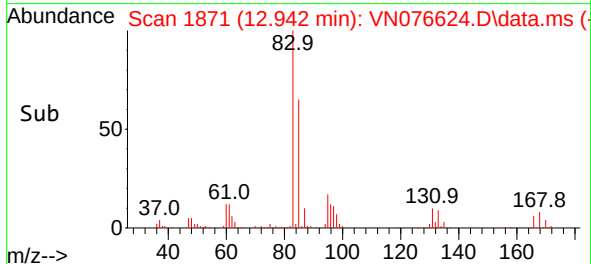
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



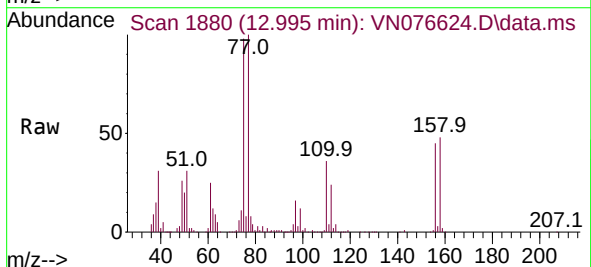
Tgt Ion: 83 Resp: 355180
Ion Ratio Lower Upper
83 100
131 10.0 5.3 16.1
85 63.5 32.4 97.0

Manual Integrations
APPROVED

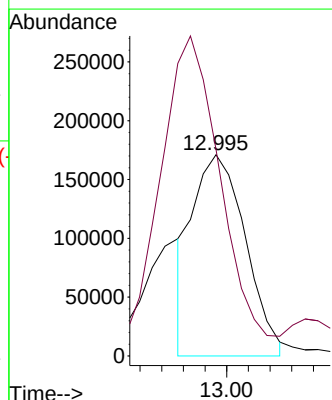
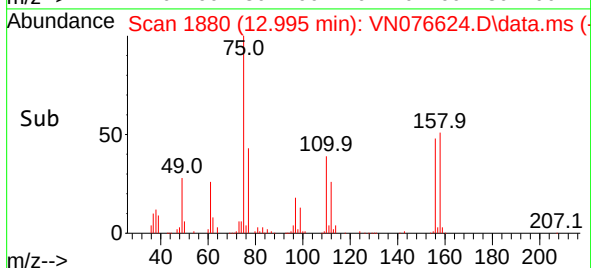
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

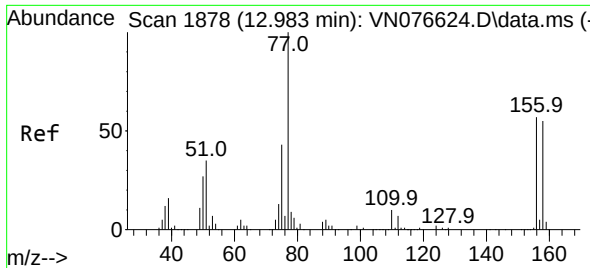


#76
1,2,3-Trichloropropane
Concen: 51.466 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



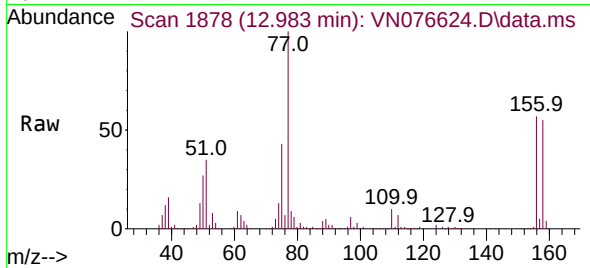
Tgt Ion: 75 Resp: 289361
Ion Ratio Lower Upper
75 100
77 186.2 87.5 262.5





#77
Bromobenzene
Concen: 45.666 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

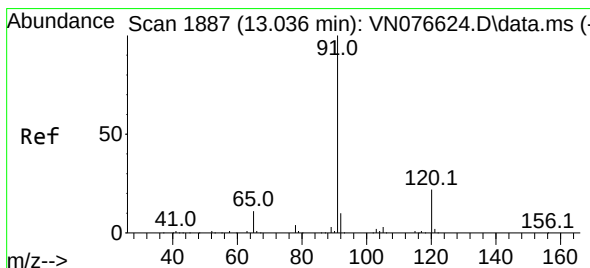
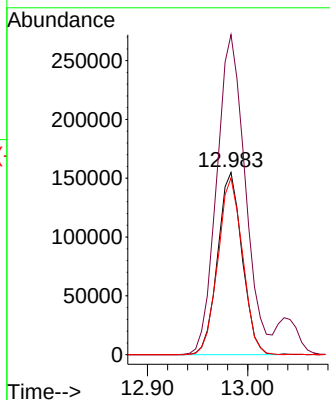
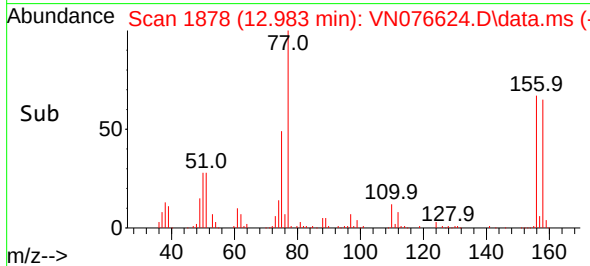
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 262150
Ion Ratio Lower Upper
156 100
77 205.6 101.6 304.9
158 97.7 48.9 146.7

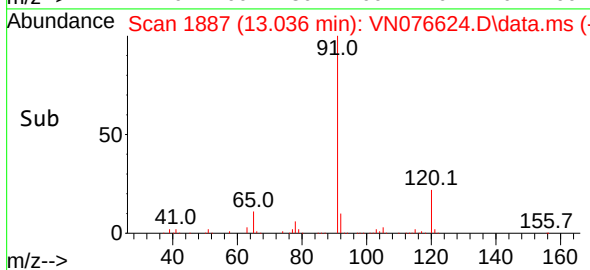
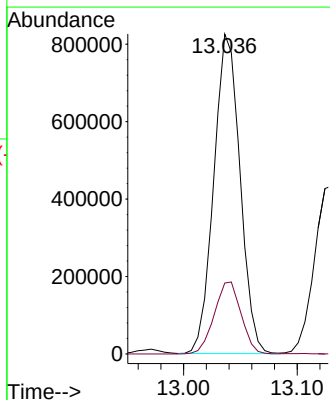
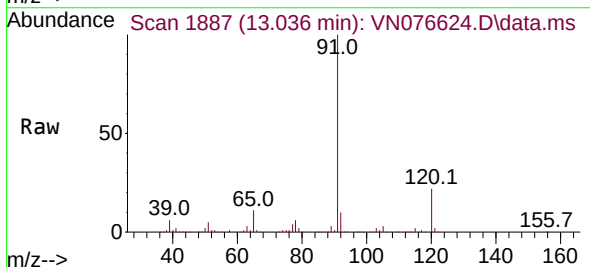
Manual Integrations
APPROVED

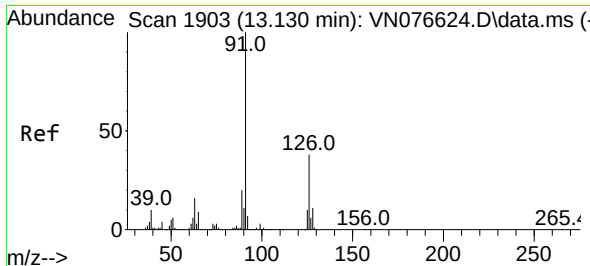
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 48.731 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Tgt Ion: 91 Resp: 1324274
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





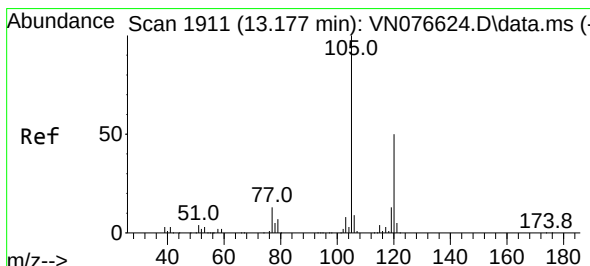
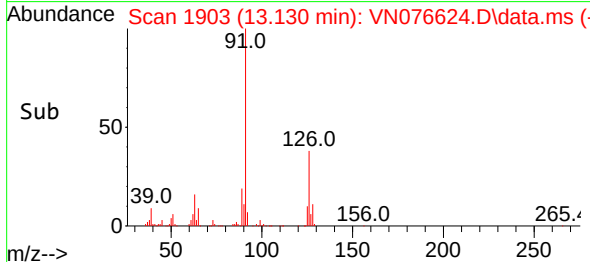
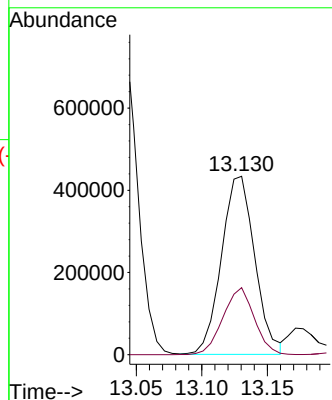
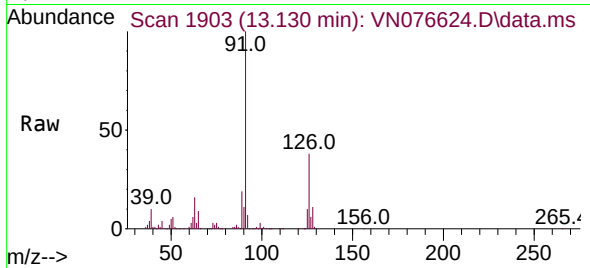
#79
2-Chlorotoluene
Concen: 44.232 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 76569
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.3

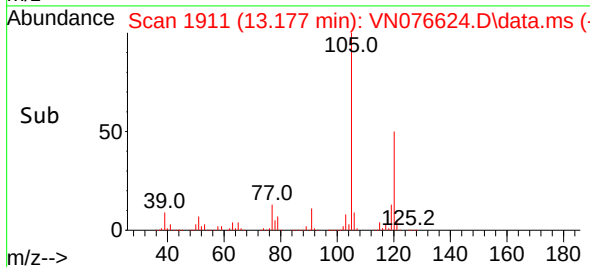
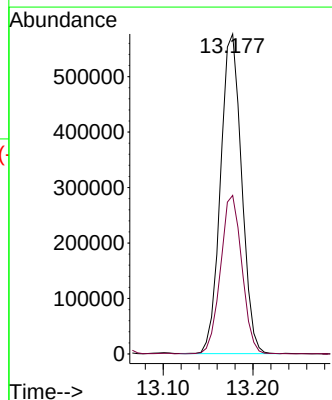
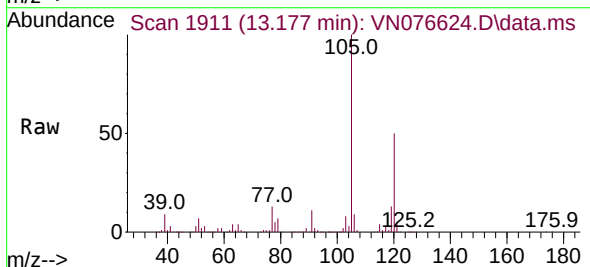
Manual Integrations
APPROVED

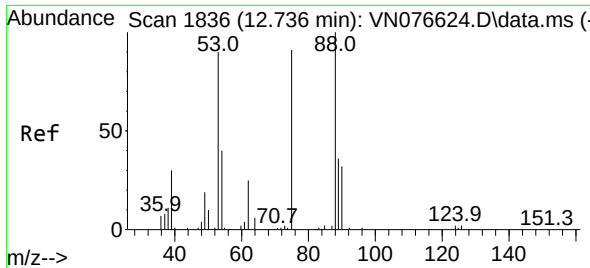
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.809 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

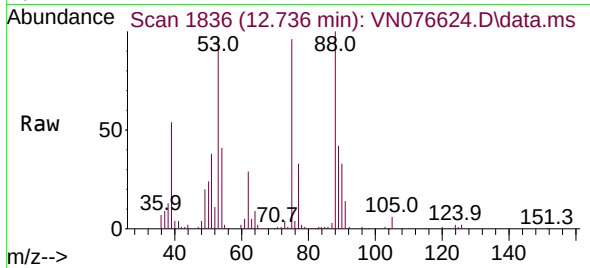
Tgt Ion:105 Resp: 938296
Ion Ratio Lower Upper
105 100
120 50.3 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 59.044 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.005 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

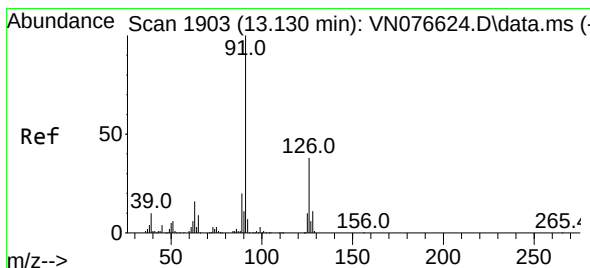
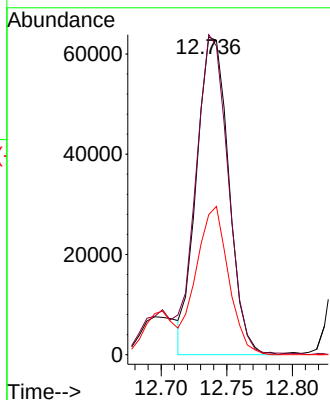
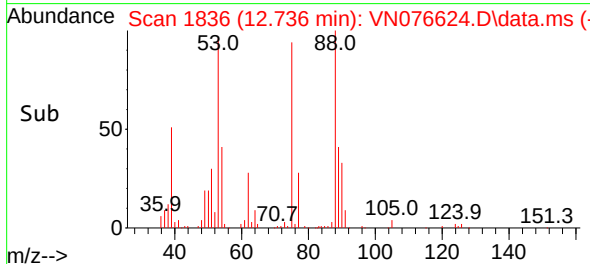
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



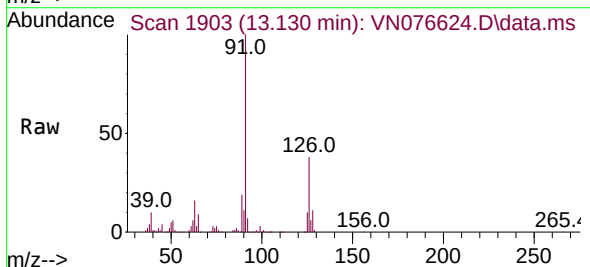
Tgt Ion: 75 Resp: 10811
Ion Ratio Lower Upper
75 100
53 115.1 77.1 115.7
89 46.9 41.5 62.3

Manual Integrations
APPROVED

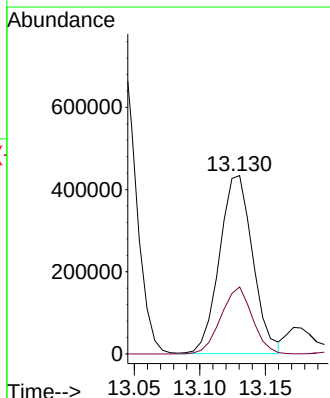
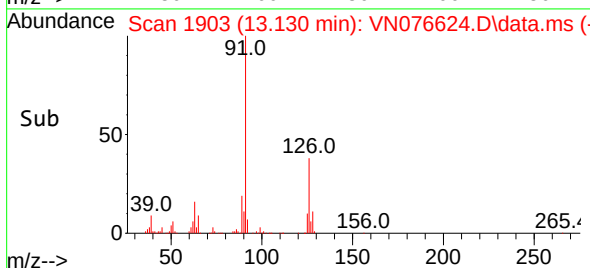
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

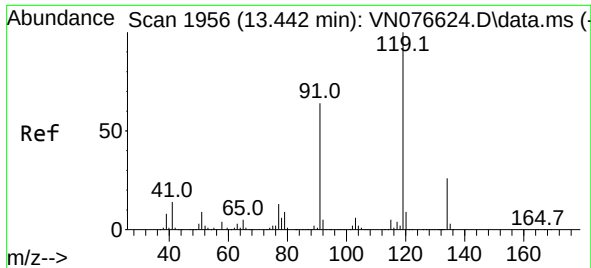


#82
4-Chlorotoluene
Concen: 44.232 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



Tgt Ion: 91 Resp: 765697
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.3





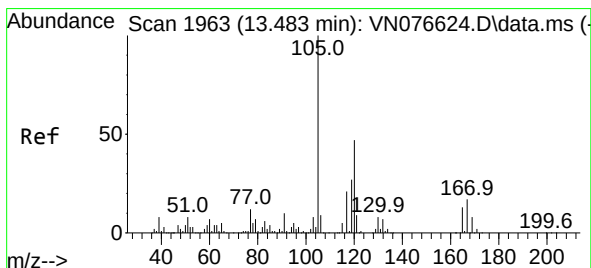
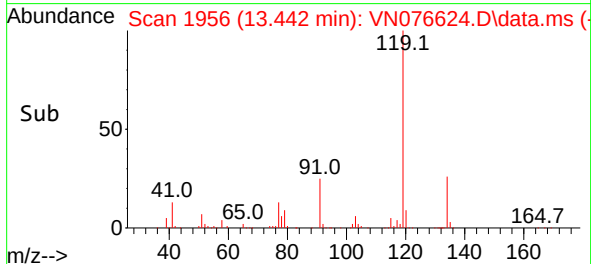
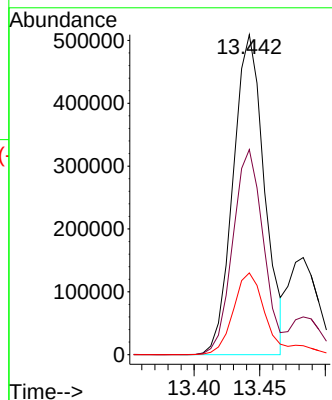
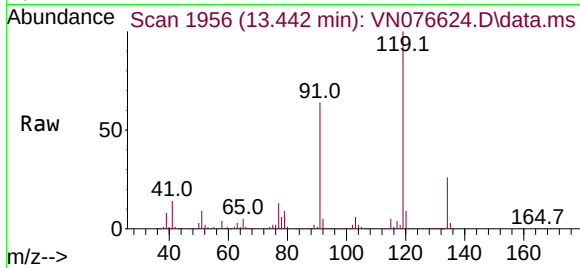
#83
tert-Butylbenzene
Concen: 46.122 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 846172
Ion Ratio Lower Upper
119 100
91 64.1 33.2 99.6
134 27.6 13.4 40.1

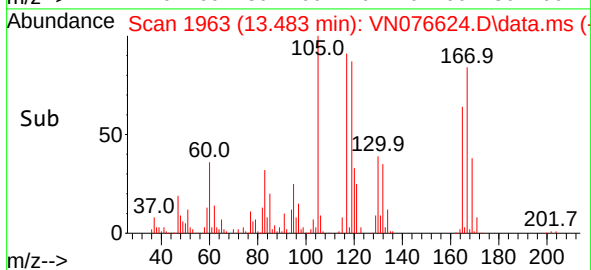
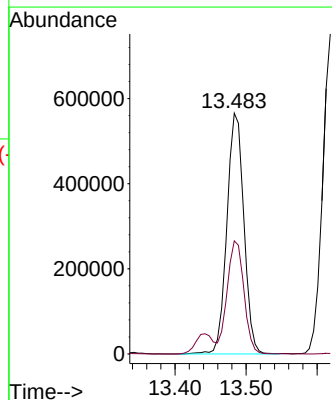
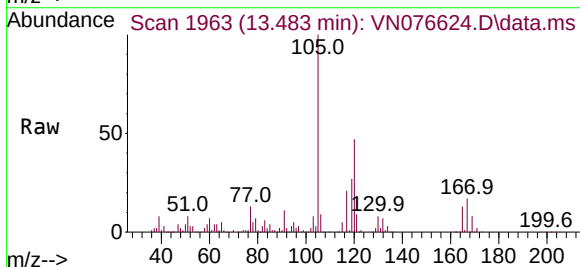
Manual Integrations
APPROVED

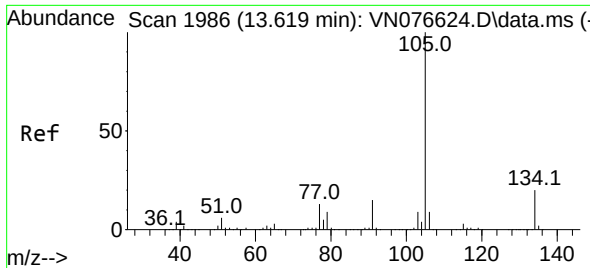
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.072 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

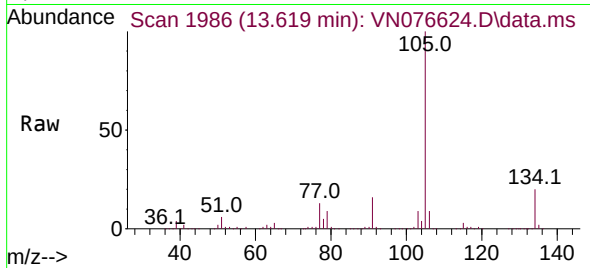
Tgt Ion:105 Resp: 939133
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 49.051 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51

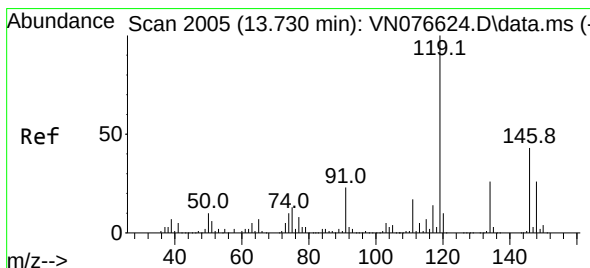
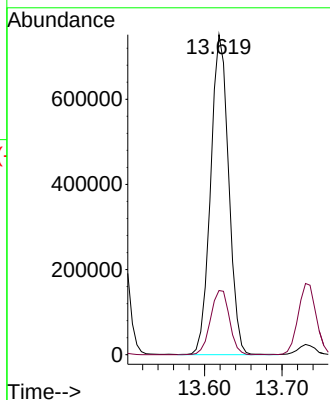
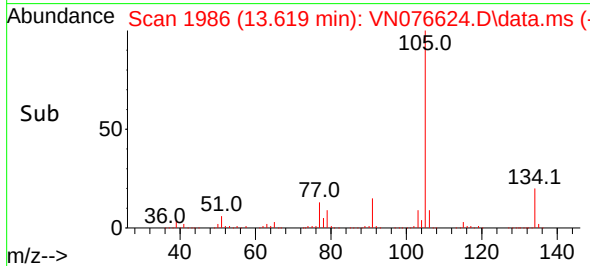
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



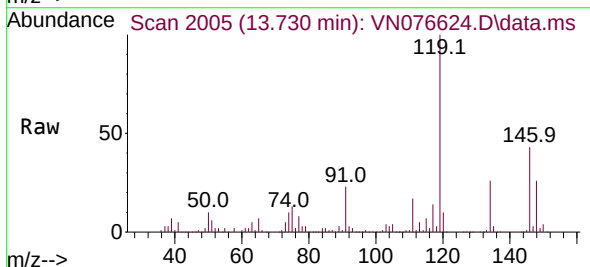
Tgt Ion:105 Resp: 1213520
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1

Manual Integrations
 APPROVED

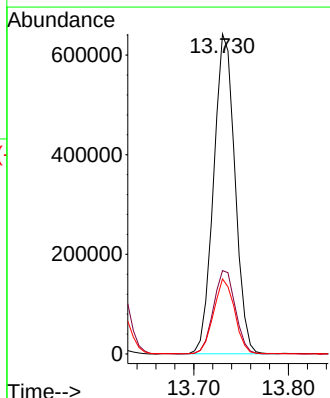
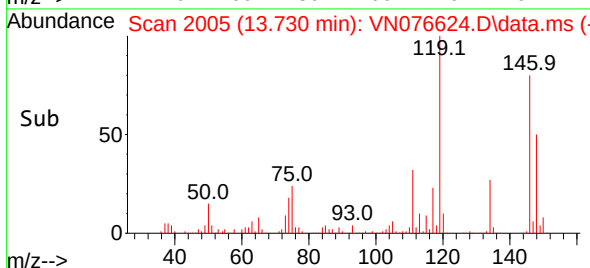
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

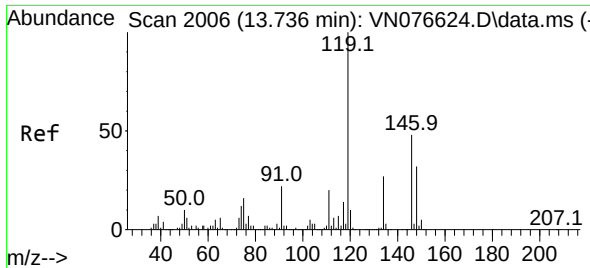


#86
 p-Isopropyltoluene
 Concen: 49.526 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.001 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51



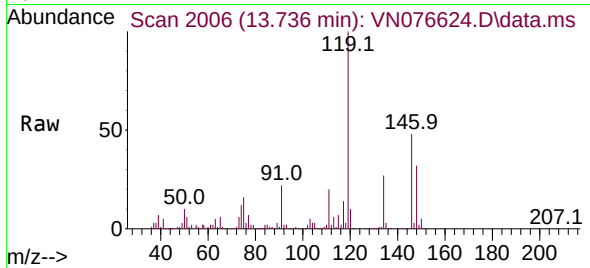
Tgt Ion:119 Resp: 1004114
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.4
 91 23.3 11.5 34.4





#87
 1,3-Dichlorobenzene
 Concen: 48.221 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.001 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51

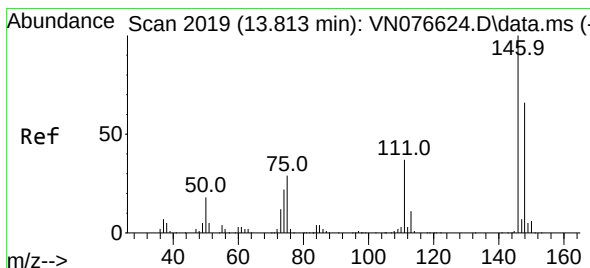
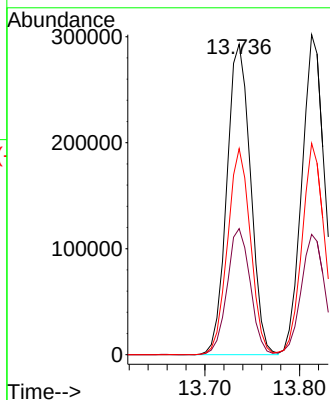
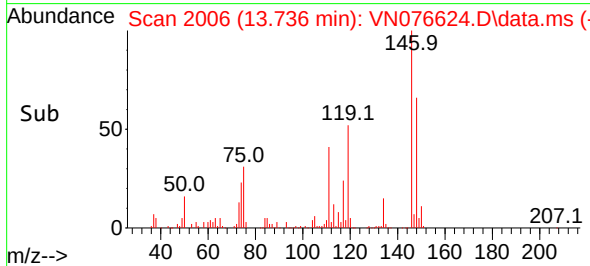
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



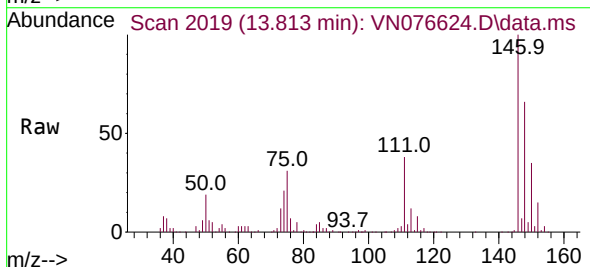
Tgt Ion:146 Resp: 50948
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 61.0
 148 64.1 31.5 94.5

Manual Integrations
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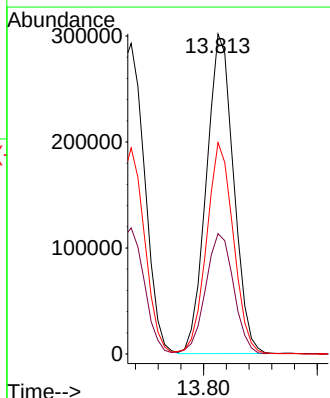
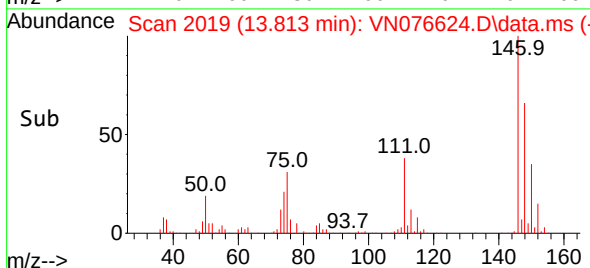
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

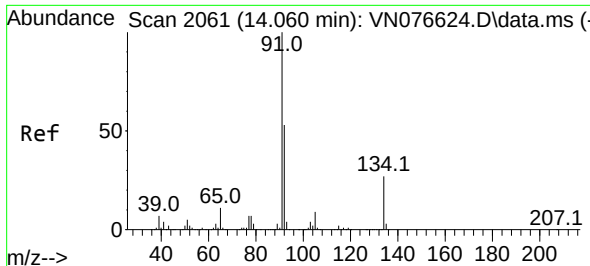


#88
 1,4-Dichlorobenzene
 Concen: 46.761 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. 0.001 min
 Lab File: VN076624.D
 Acq: 13 Feb 2023 11:51



Tgt Ion:146 Resp: 501861
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.8 59.4
 148 65.4 31.6 94.8





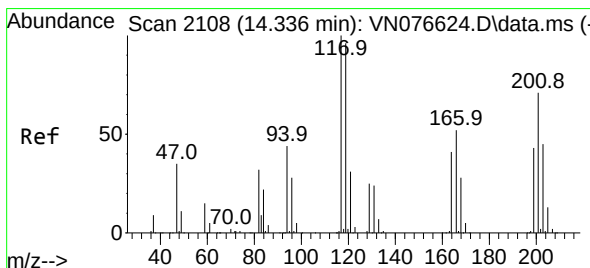
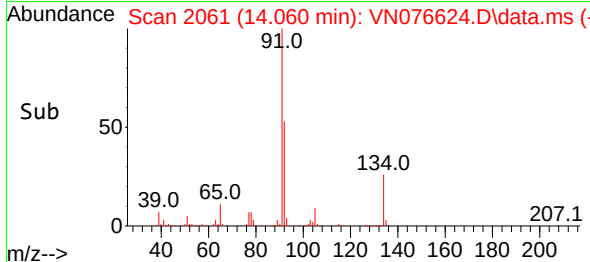
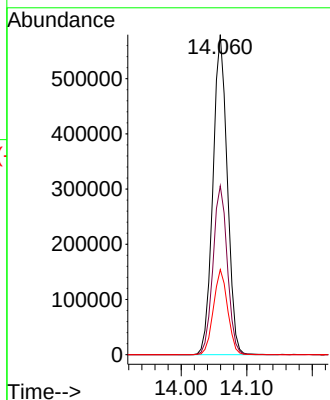
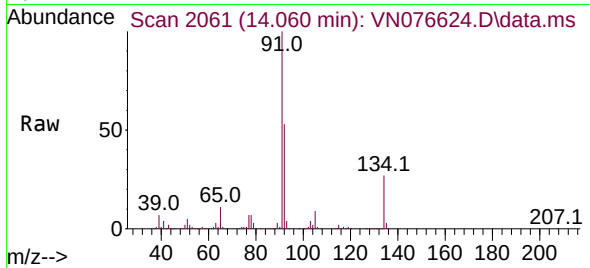
#89
n-Butylbenzene
Concen: 54.777 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 879408
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 26.3 13.1 39.3

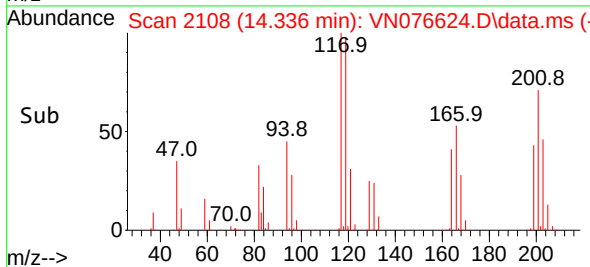
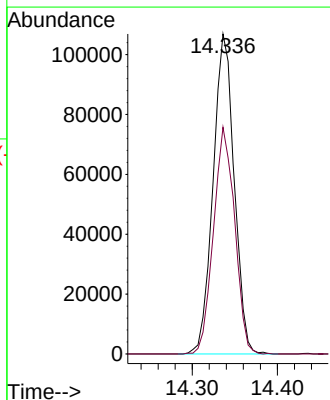
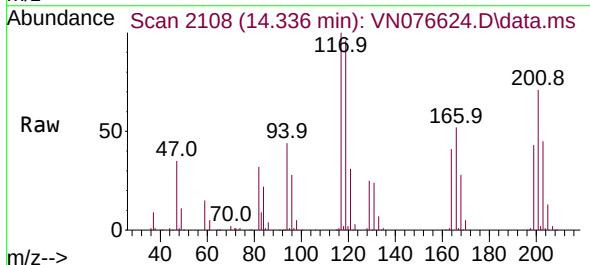
Manual Integrations
APPROVED

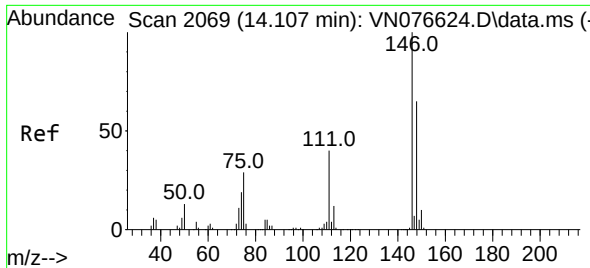
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#90
Hexachloroethane
Concen: 52.068 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Tgt Ion:117 Resp: 183877
Ion Ratio Lower Upper
117 100
201 71.1 37.2 111.6





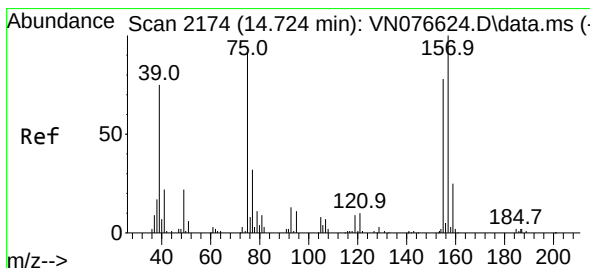
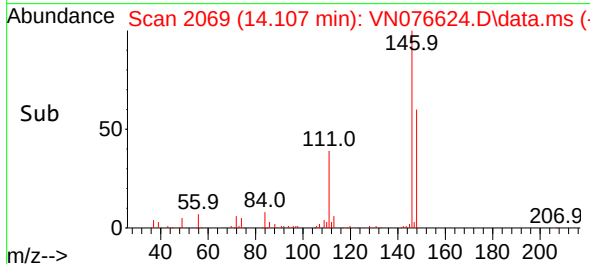
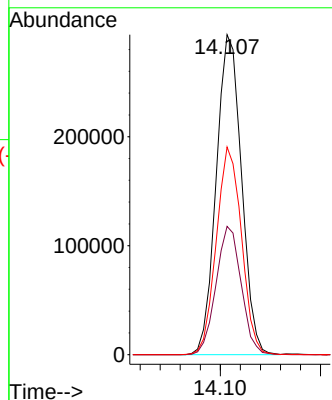
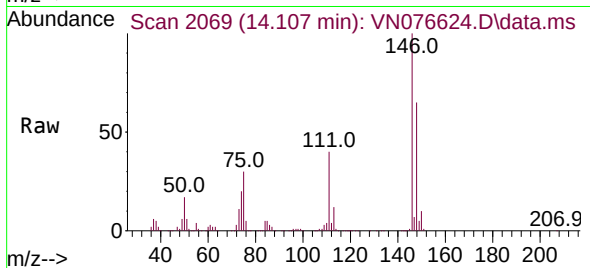
#91
1,2-Dichlorobenzene
Concen: 49.289 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 513436
Ion Ratio Lower Upper
146 100
111 39.9 21.4 64.3
148 64.8 31.9 95.9

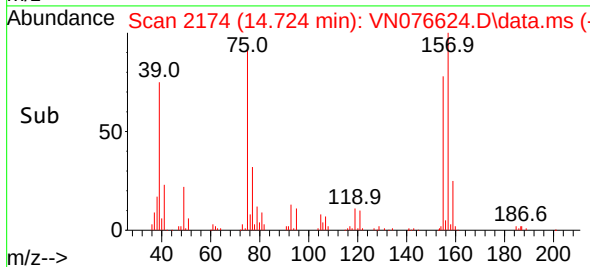
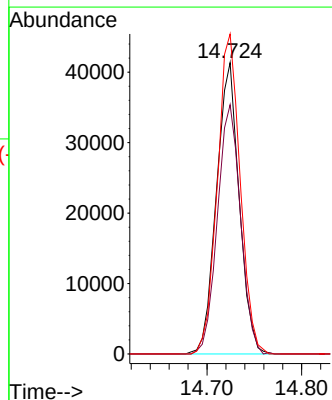
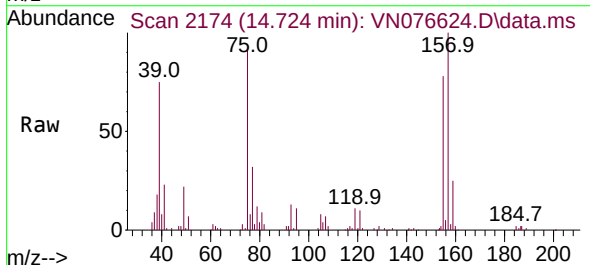
Manual Integrations
APPROVED

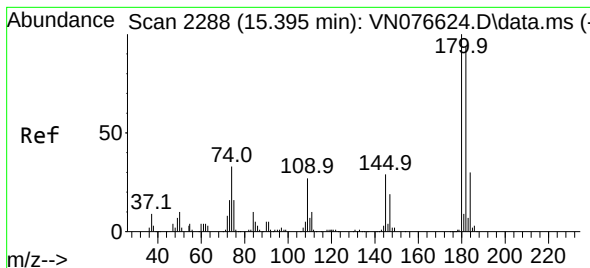
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.872 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

Tgt Ion: 75 Resp: 68925
Ion Ratio Lower Upper
75 100
155 86.8 44.8 134.4
157 110.4 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 60.013 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

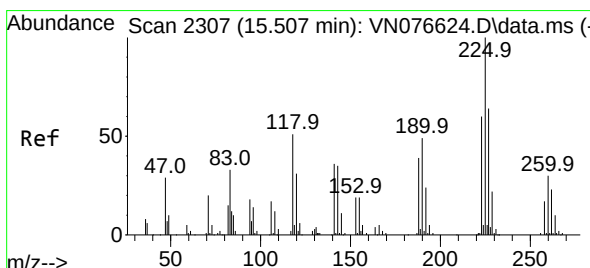
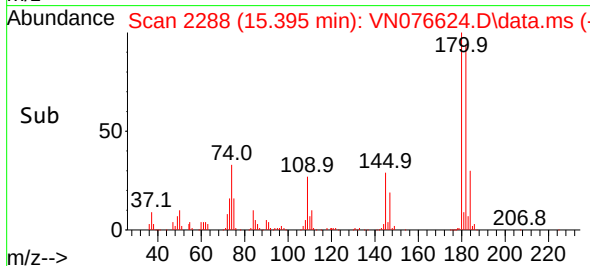
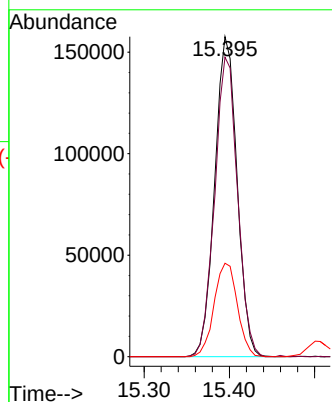
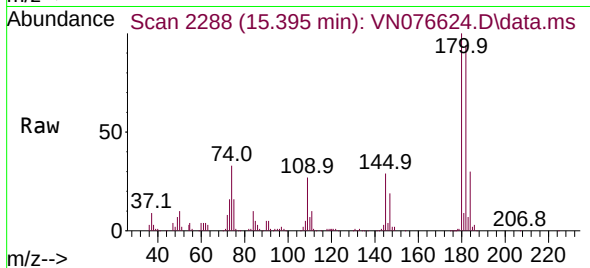
Tgt Ion:180 Resp: 286450
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.4 142.2
 145 30.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#94

Hexachlorobutadiene

Concen: 48.552 ug/l

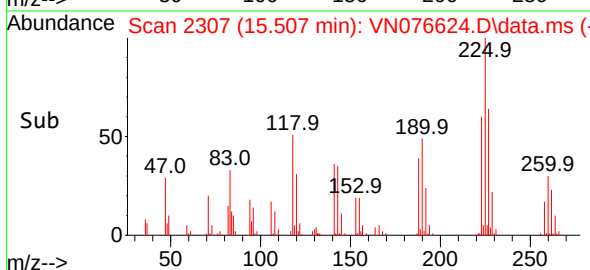
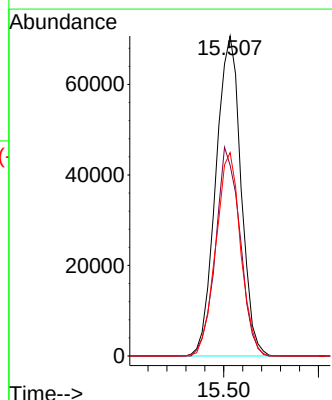
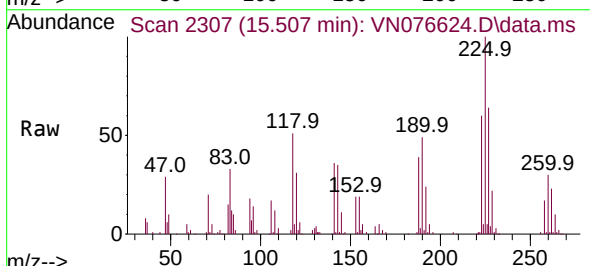
RT: 15.507 min Scan# 2307

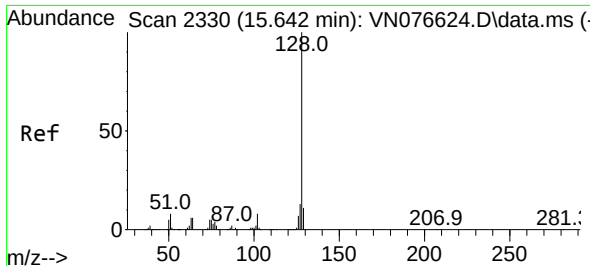
Delta R.T. 0.001 min

Lab File: VN076624.D

Acq: 13 Feb 2023 11:51

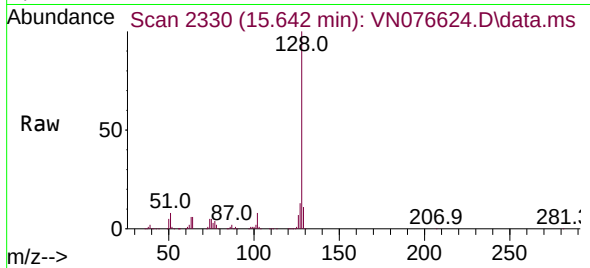
Tgt Ion:225 Resp: 130312
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.2 93.6
 227 62.6 31.8 95.3





#95
Naphthalene
Concen: 66.416 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51

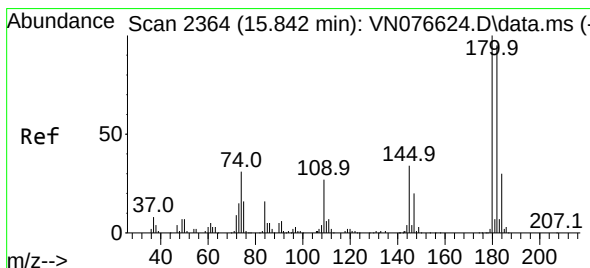
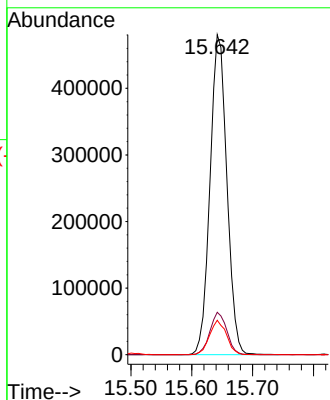
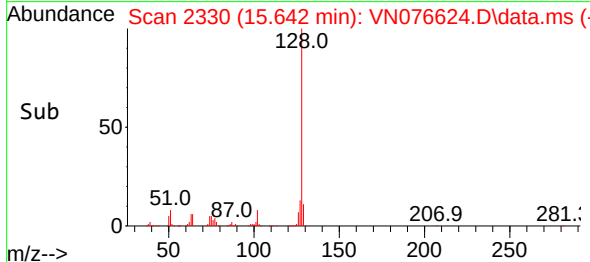
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



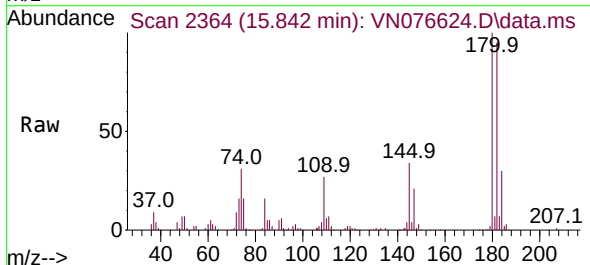
Tgt Ion:128 Resp: 92229
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 61.817 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.001 min
Lab File: VN076624.D
Acq: 13 Feb 2023 11:51



Tgt Ion:180 Resp: 282576
Ion Ratio Lower Upper
180 100
182 93.4 47.4 142.2
145 31.9 17.2 51.5

