

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076920.D
 Acq On : 10 Mar 2023 12:58
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 13:17:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 12:38:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	403305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	673808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	599658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	287799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	287929	50.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	8.172	113	209409	49.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.572	98	803594	49.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.848	95	303881	54.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	382978	81.608	ug/l	98
3) Chloromethane	2.378	50	182620	29.586	ug/l	95
4) Vinyl Chloride	2.525	62	176361	31.173	ug/l	98
5) Bromomethane	2.955	94	128923	34.680	ug/l	92
6) Chloroethane	3.131	64	105199	27.313	ug/l	99
7) Trichlorofluoromethane	3.507	101	466672	56.534	ug/l	95
8) Diethyl Ether	3.972	74	153619	48.378	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.390	101	234238	48.531	ug/l	97
10) Methyl Iodide	4.601	142	271600	53.952	ug/l	90
11) Tert butyl alcohol	5.531	59	216335	257.645	ug/l	99
12) 1,1-Dichloroethene	4.354	96	220000	48.882	ug/l	89
13) Acrolein	4.190	56	173063	159.324	ug/l	99
14) Allyl chloride	5.037	41	308604	41.071	ug/l #	87
15) Acrylonitrile	5.731	53	593128	219.649	ug/l	100
16) Acetone	4.437	43	496495	201.157	ug/l	93
17) Carbon Disulfide	4.725	76	603910	49.426	ug/l	100
18) Methyl Acetate	5.043	43	368389	43.558	ug/l	90
19) Methyl tert-butyl Ether	5.807	73	800882	51.893	ug/l	100
20) Methylene Chloride	5.290	84	244439	42.447	ug/l	88
21) trans-1,2-Dichloroethene	5.801	96	232038	47.683	ug/l	85
22) Diisopropyl ether	6.684	45	698901	41.343	ug/l	94
23) Vinyl Acetate	6.613	43	2286334	212.331	ug/l	93
24) 1,1-Dichloroethane	6.578	63	438387	45.477	ug/l	98
25) 2-Butanone	7.490	43	729673	202.379	ug/l	90
26) 2,2-Dichloropropane	7.501	77	391935	55.519	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	267485	46.921	ug/l	87
28) Bromochloromethane	7.819	49	152311	37.365	ug/l	90
29) Tetrahydrofuran	7.842	42	465578	200.171	ug/l	87
30) Chloroform	7.972	83	469615	49.050	ug/l	99
31) Cyclohexane	8.266	56	406369	42.543	ug/l	90
32) 1,1,1-Trichloroethane	8.178	97	452036	54.522	ug/l	99
36) 1,1-Dichloropropene	8.378	75	348427	51.430	ug/l	95
37) Ethyl Acetate	7.566	43	295891	42.550	ug/l	94
38) Carbon Tetrachloride	8.372	117	405168	58.870	ug/l	98
39) Methylcyclohexane	9.607	83	431623	51.687	ug/l #	88
40) Benzene	8.613	78	996363	48.280	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	168387	44.342	ug/l	88
42) 1,2-Dichloroethane	8.678	62	388530	54.045	ug/l	94
43) Isopropyl Acetate	8.695	43	499700	46.939	ug/l	93
44) Trichloroethene	9.360	130	255262	52.167	ug/l	99
45) 1,2-Dichloropropane	9.625	63	245379	46.011	ug/l	100
46) Dibromomethane	9.713	93	173090	51.100	ug/l	97
47) Bromodichloromethane	9.889	83	371787	53.391	ug/l	100
48) Methyl methacrylate	9.684	41	247675	47.878	ug/l #	84
49) 1,4-Dioxane	9.695	88	91899	969.244	ug/l #	85
51) 4-Methyl-2-Pentanone	10.448	43	1478680	220.207	ug/l	94
52) Toluene	10.636	92	627643	51.077	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	391844	58.051	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	417145	53.802	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	237724	48.632	ug/l	97
56) Ethyl methacrylate	10.878	69	389887	53.532	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	417686	49.214	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	607466	240.717	ug/l	96
59) 2-Hexanone	11.195	43	1081234	222.210	ug/l	93
60) Dibromochloromethane	11.360	129	272037	56.475	ug/l	100
61) 1,2-Dibromoethane	11.472	107	246821	52.534	ug/l	96
64) Tetrachloroethene	11.107	164	250938	56.232	ug/l	98
65) Chlorobenzene	11.895	112	643189	49.632	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	248488	53.007	ug/l	97
67) Ethyl Benzene	11.966	91	1238333	52.626	ug/l	97
68) m/p-Xylenes	12.072	106	925295	104.517	ug/l	88
69) o-Xylene	12.401	106	452644	51.920	ug/l	83
70) Styrene	12.413	104	745213	54.519	ug/l #	92
71) Bromoform	12.583	173	194883	61.075	ug/l #	99
73) Isopropylbenzene	12.701	105	1216268	48.483	ug/l	95
74) N-amyl acetate	12.495	43	416503	42.451	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	322427	40.104	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	313968m	43.257	ug/l	
77) Bromobenzene	12.983	156	261835	47.166	ug/l	90
78) n-propylbenzene	13.036	91	1409200	49.258	ug/l	96
79) 2-Chlorotoluene	13.130	91	872987	47.570	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	1078174	51.279	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.742	75	106688	48.477	ug/l #	86
82) 4-Chlorotoluene	13.224	91	842731	48.439	ug/l	92
83) tert-Butylbenzene	13.442	119	893442	49.726	ug/l	89
84) 1,2,4-Trimethylbenzene	13.483	105	1059318	51.076	ug/l	92
85) sec-Butylbenzene	13.619	105	1264351	50.402	ug/l	97
86) p-Isopropyltoluene	13.730	119	1045824	52.124	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	494866	48.821	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	493346	47.933	ug/l	97
89) n-Butylbenzene	14.060	91	878491	50.681	ug/l	99
90) Hexachloroethane	14.336	117	186249	51.377	ug/l	84
91) 1,2-Dichlorobenzene	14.107	146	488204	47.548	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	81871	53.741	ug/l	82
93) 1,2,4-Trichlorobenzene	15.395	180	289000	56.262	ug/l	99
94) Hexachlorobutadiene	15.507	225	158042	59.091	ug/l	99
95) Naphthalene	15.642	128	918139	55.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	285391	56.527	ug/l	98

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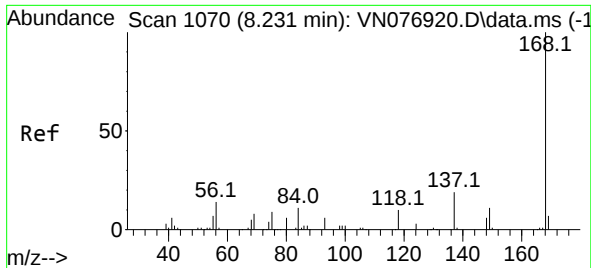
Manual Integrations
APPROVED

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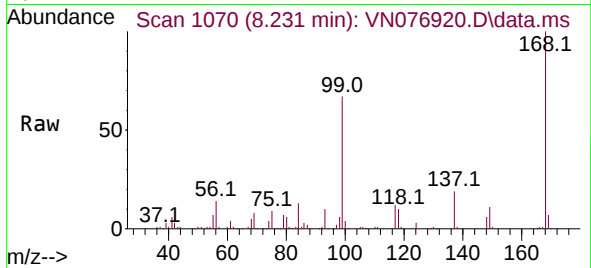
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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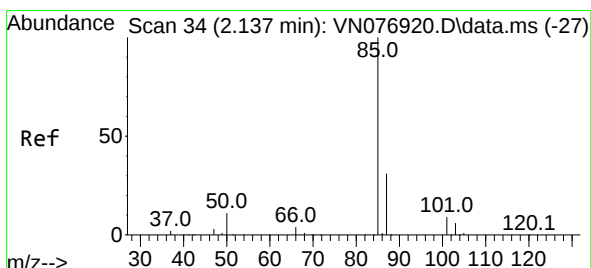
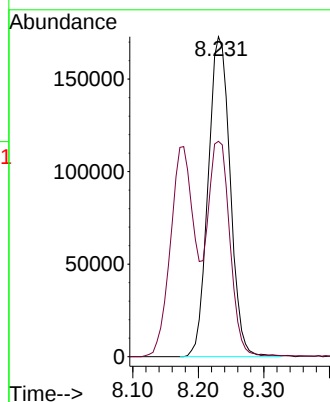
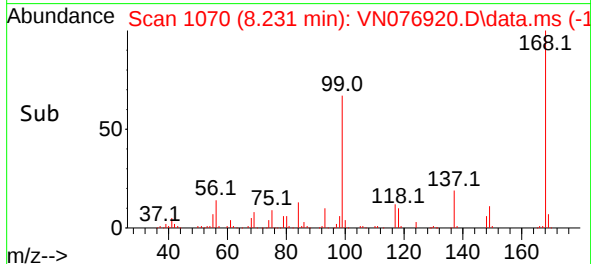
Instrument :
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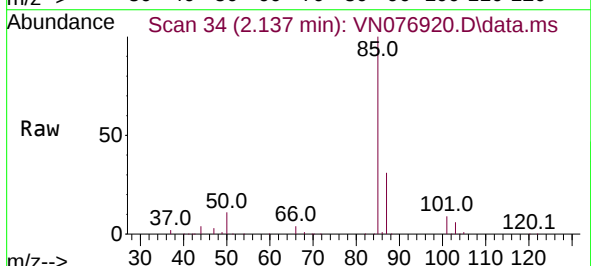
Tgt Ion:168 Resp: 403309
Ion Ratio Lower Upper
168 100
99 67.0 48.6 73.0

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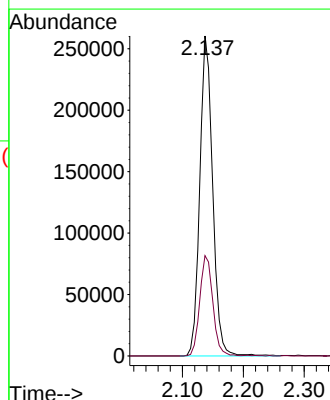
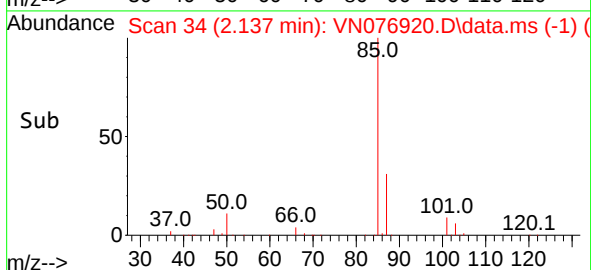
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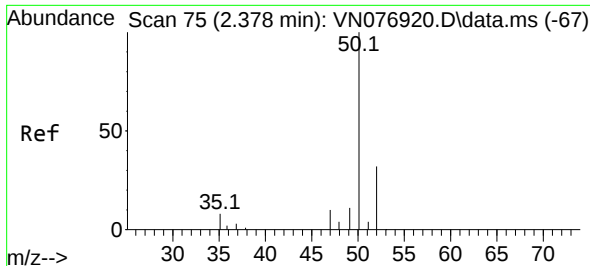


#2
Dichlorodifluoromethane
Concen: 81.608 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion: 85 Resp: 382978
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6





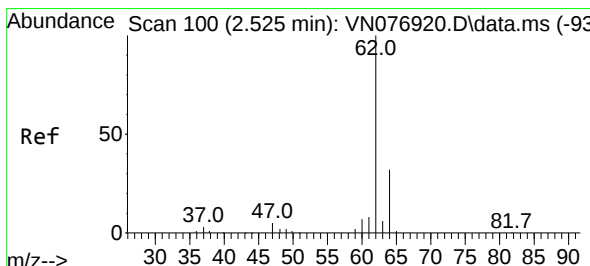
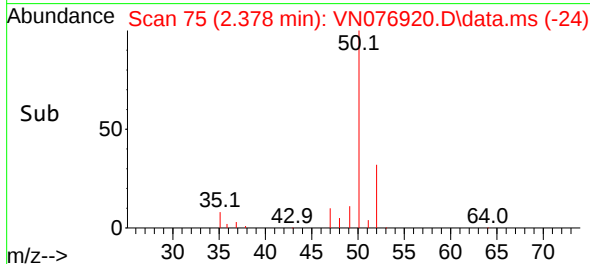
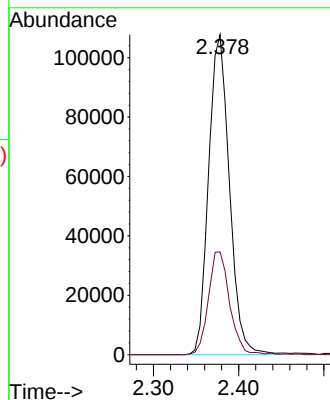
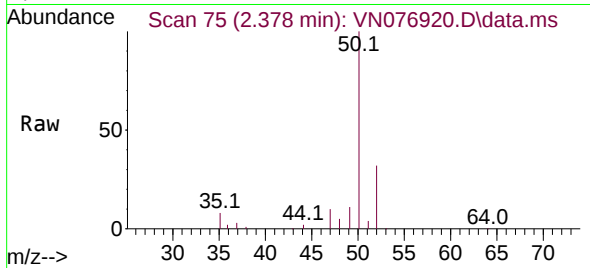
#3
Chloromethane
Concen: 29.586 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

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Tgt Ion: 50 Resp: 182620
Ion Ratio Lower Upper
50 100
52 32.1 27.9 41.9

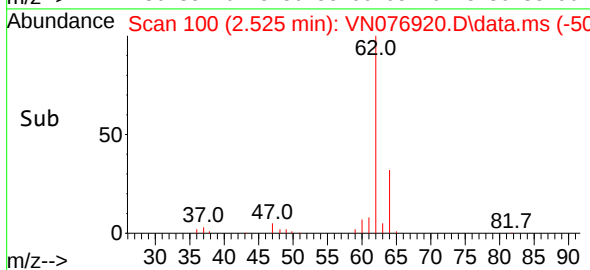
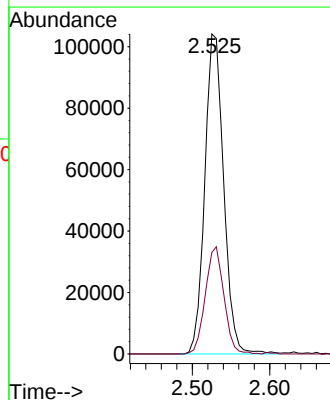
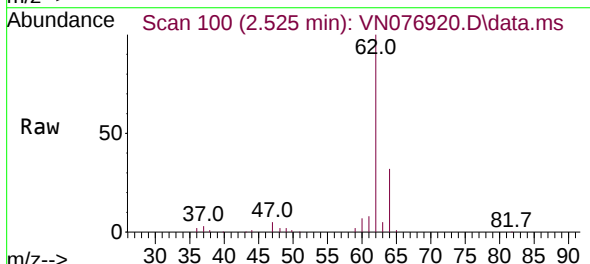
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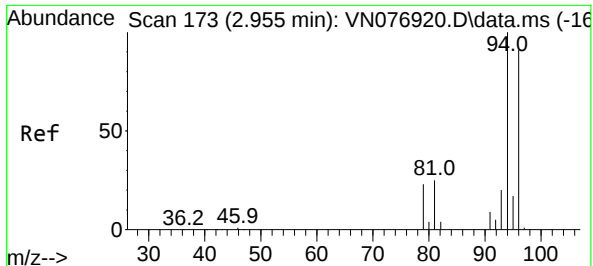
Reviewed By :John Carlone 03/13/2023
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#4
Vinyl Chloride
Concen: 31.173 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076920.D
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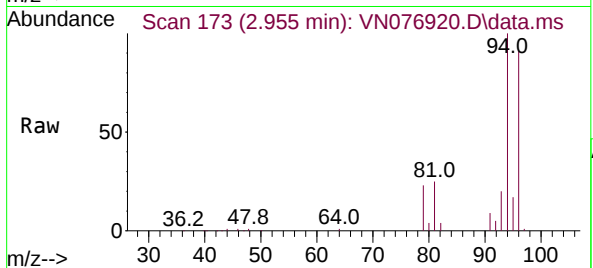
Tgt Ion: 62 Resp: 176361
Ion Ratio Lower Upper
62 100
64 31.7 24.5 36.7





#5
Bromomethane
Concen: 34.680 ug/l
RT: 2.955 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

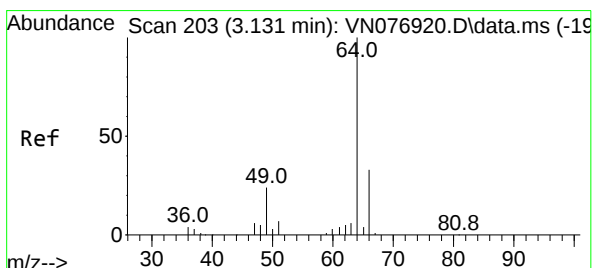
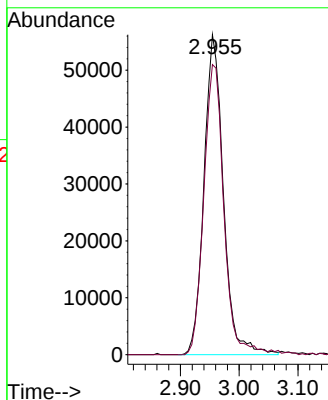
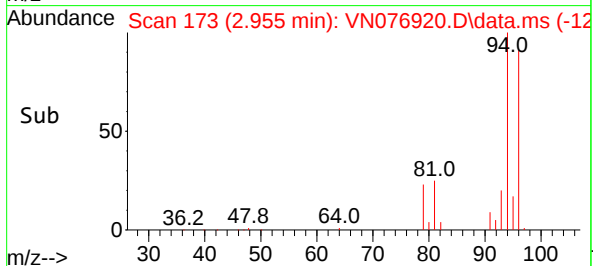
Instrument :
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Tgt Ion: 94 Resp: 12892
Ion Ratio Lower Upper
94 100
96 90.6 79.0 118.6

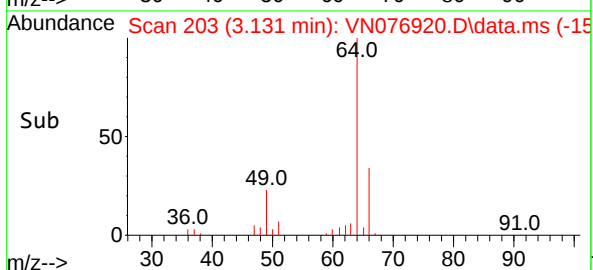
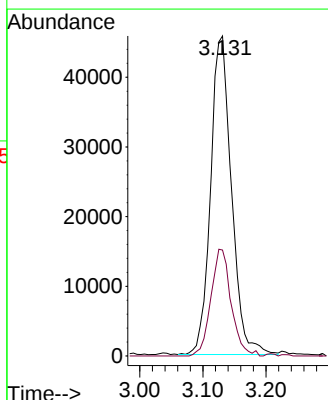
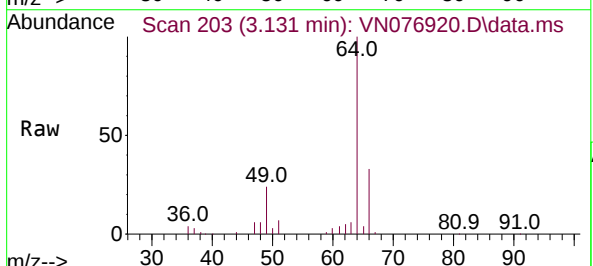
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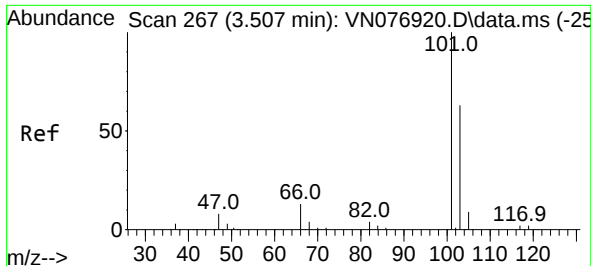
Reviewed By :John Carlone 03/13/2023
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#6
Chloroethane
Concen: 27.313 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076920.D
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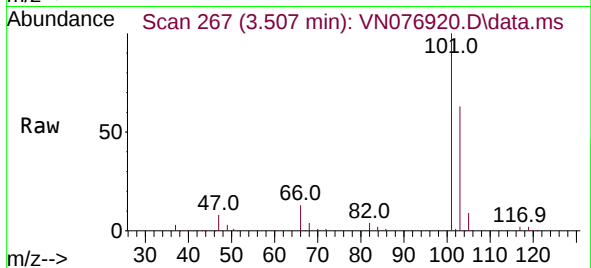
Tgt Ion: 64 Resp: 105199
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 56.534 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.006 min
 Lab File: VN076920.D
 Acq: 10 Mar 2023 12:58

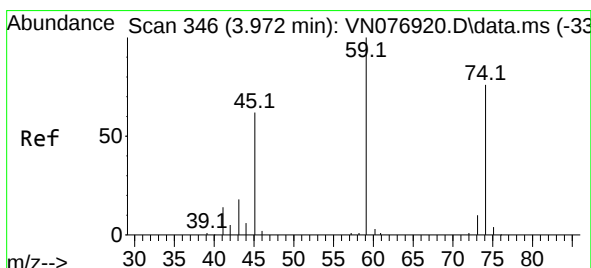
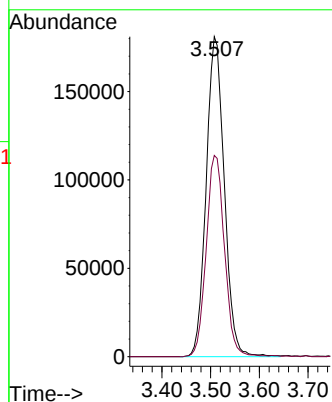
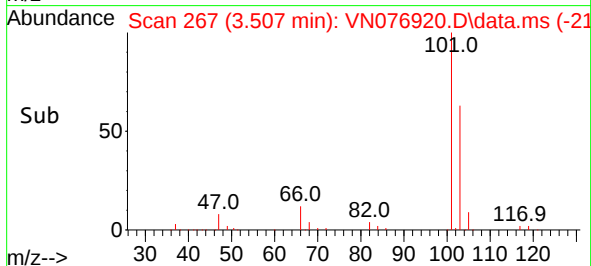
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



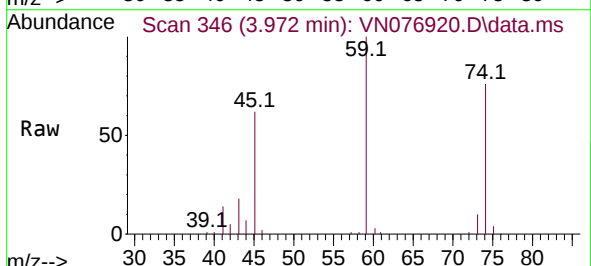
Tgt Ion:101 Resp: 466672
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.4 80.0

Manual Integrations
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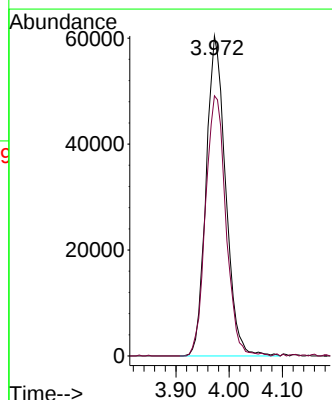
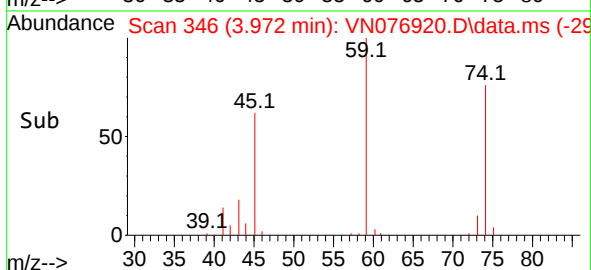
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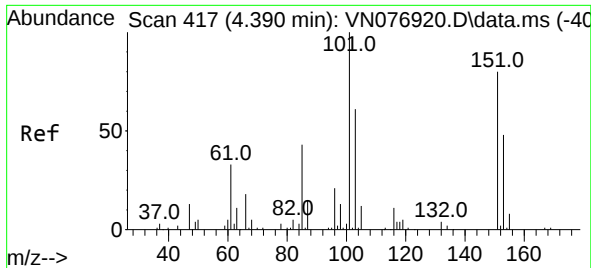


#8
 Diethyl Ether
 Concen: 48.378 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 153619
 Ion Ratio Lower Upper
 74 100
 45 84.7 35.5 106.5





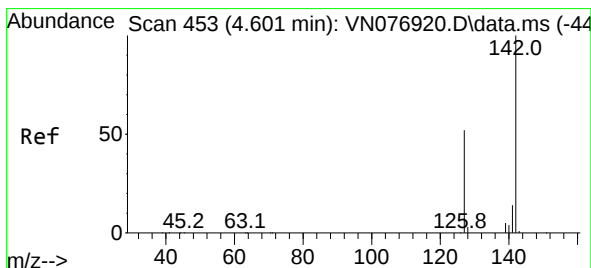
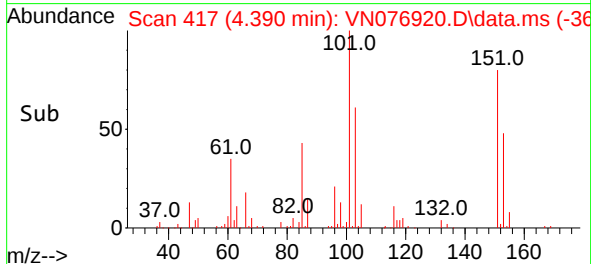
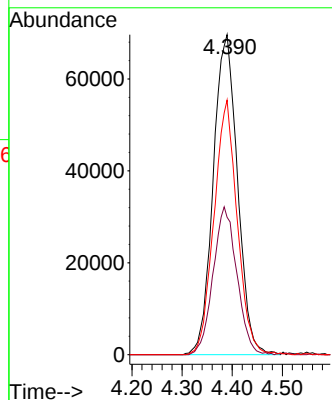
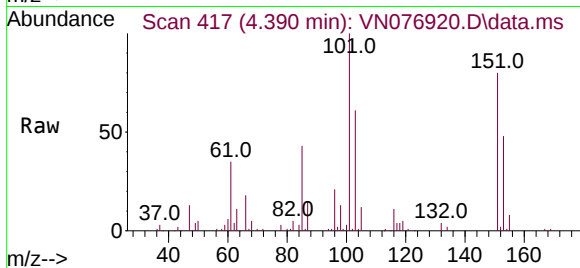
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.531 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 234238
Ion Ratio Lower Upper
101 100
85 45.2 35.2 52.8
151 76.4 58.9 88.3

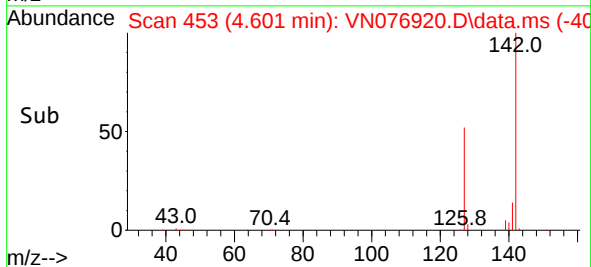
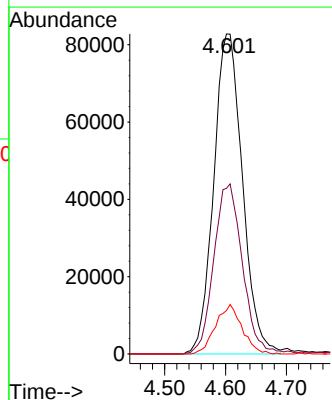
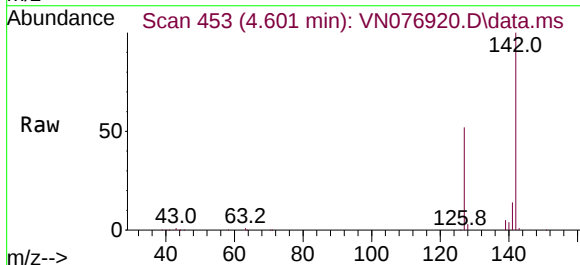
Manual Integrations
APPROVED

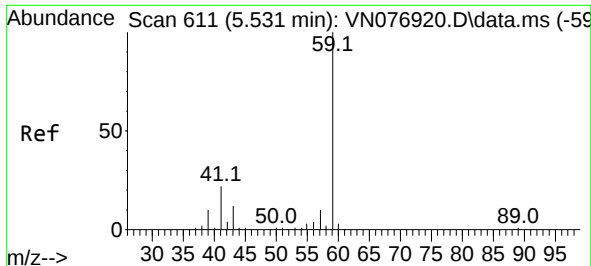
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 53.952 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

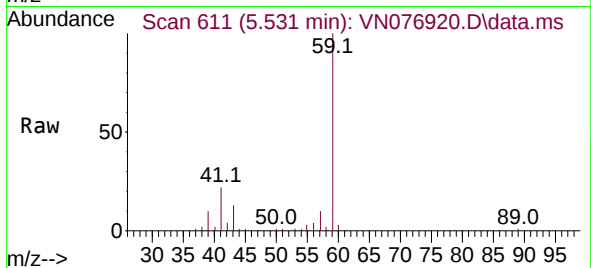
Tgt Ion:142 Resp: 271600
Ion Ratio Lower Upper
142 100
127 51.8 35.2 52.8
141 13.6 10.2 15.2





#11
Tert butyl alcohol
Concen: 257.645 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

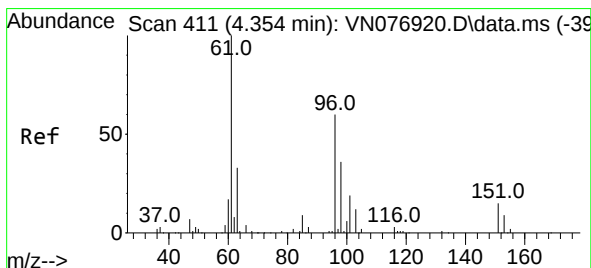
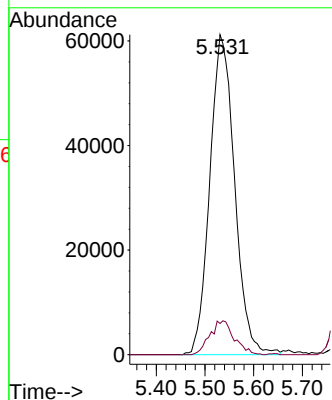
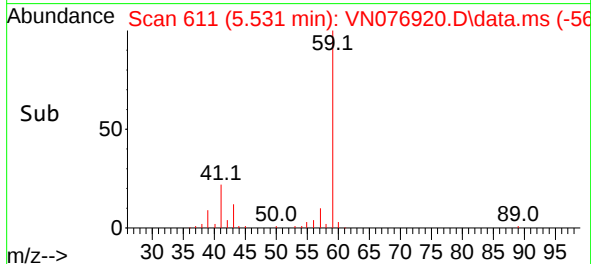
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



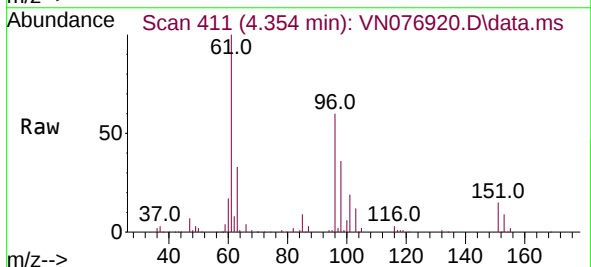
Tgt Ion: 59 Resp: 21633
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
APPROVED

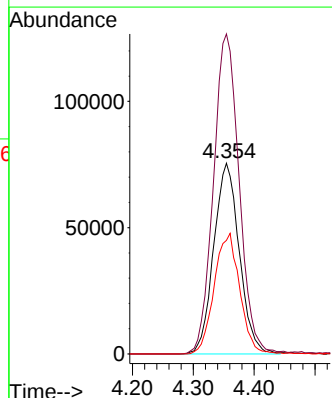
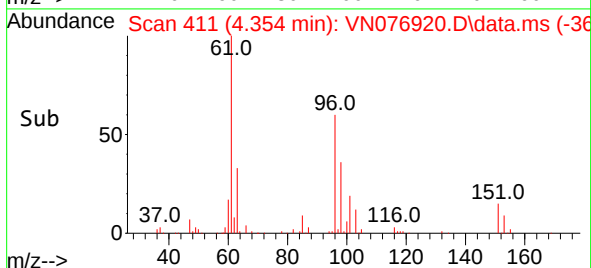
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

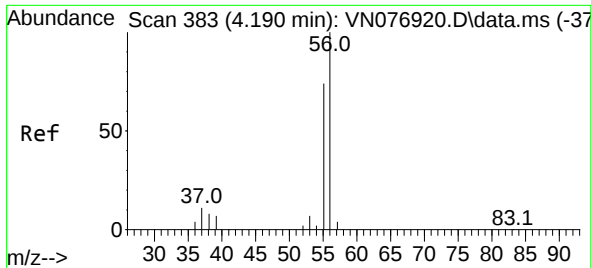


#12
1,1-Dichloroethene
Concen: 48.882 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



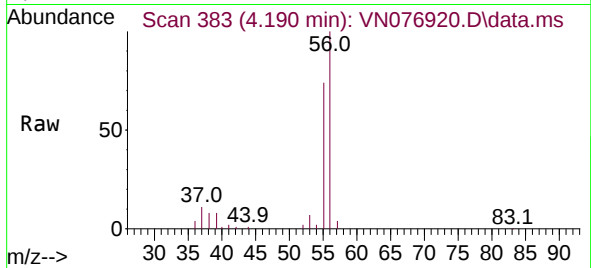
Tgt Ion: 96 Resp: 220000
Ion Ratio Lower Upper
96 100
61 167.7 121.3 181.9
98 59.6 52.1 78.1





#13
Acrolein
Concen: 159.324 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

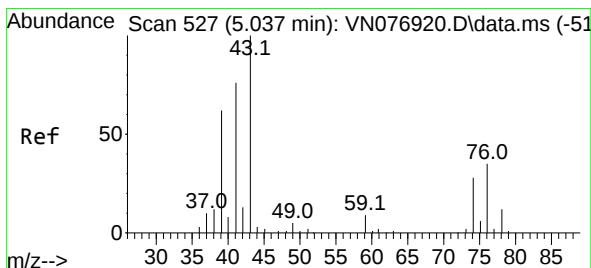
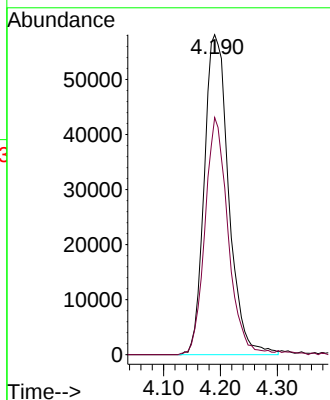
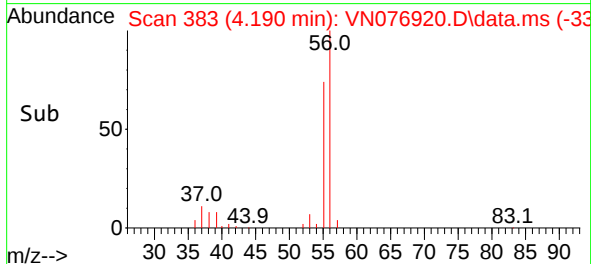
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 173063
Ion Ratio Lower Upper
56 100
55 70.3 56.7 85.1

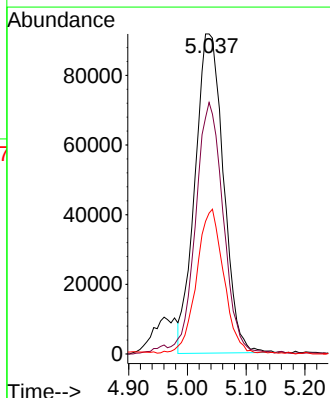
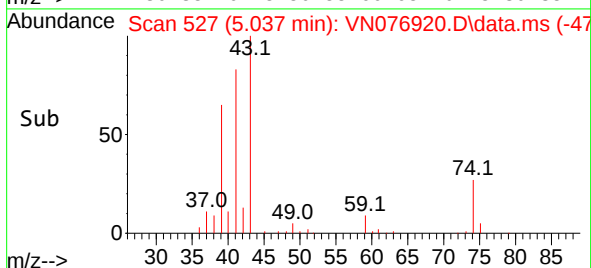
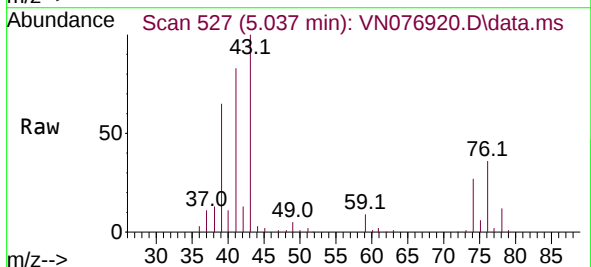
Manual Integrations
APPROVED

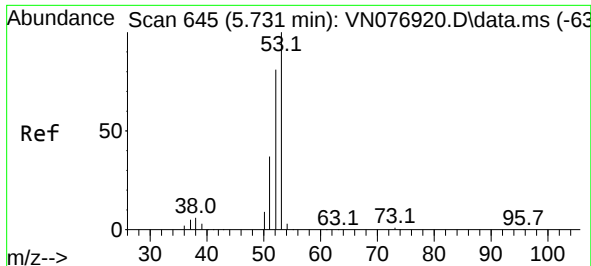
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#14
Allyl chloride
Concen: 41.071 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

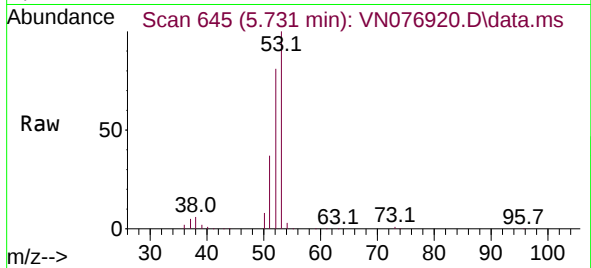
Tgt Ion: 41 Resp: 308604
Ion Ratio Lower Upper
41 100
39 76.2 68.1 102.1
76 42.7 44.1 66.1#





#15
Acrylonitrile
Concen: 219.649 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

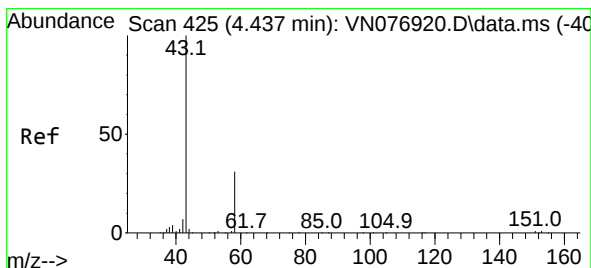
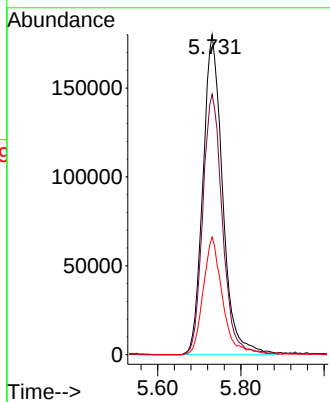
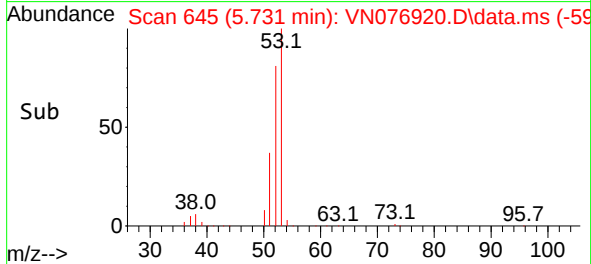
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 593128
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 36.0 28.8 43.2

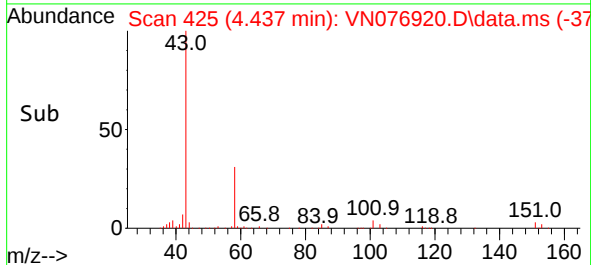
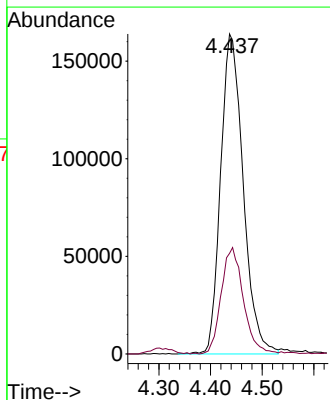
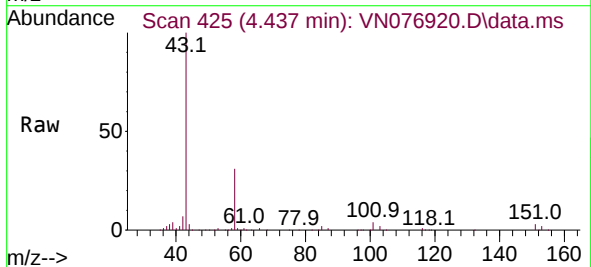
Manual Integrations
APPROVED

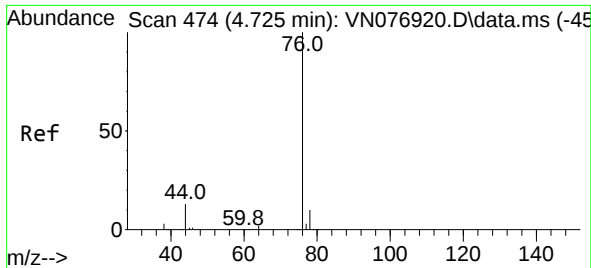
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#16
Acetone
Concen: 201.157 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

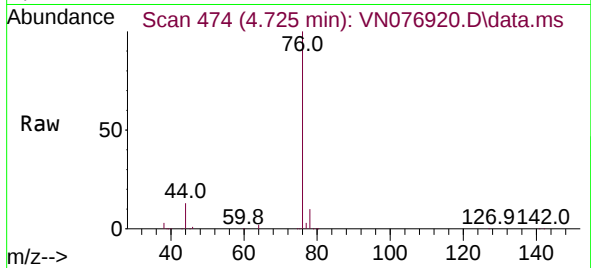
Tgt Ion: 43 Resp: 496495
Ion Ratio Lower Upper
43 100
58 31.1 28.2 42.2





#17
Carbon Disulfide
Concen: 49.426 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

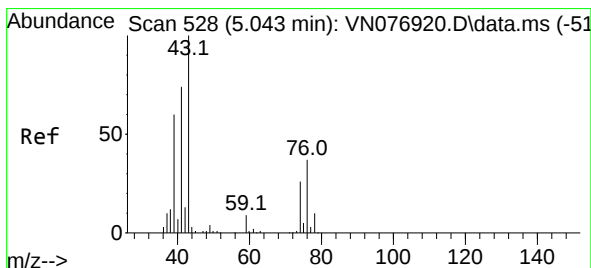
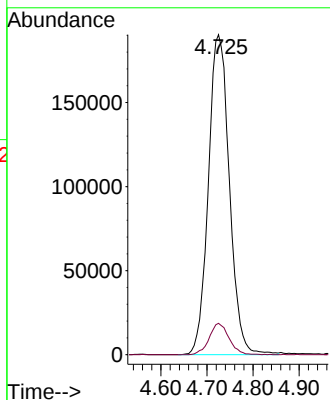
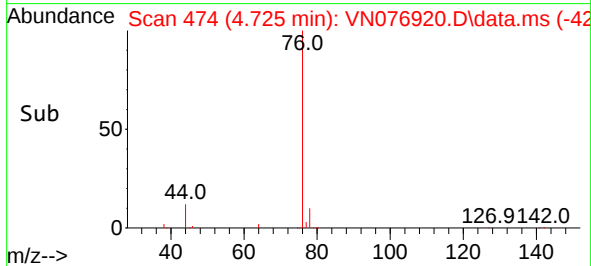
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 603910
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

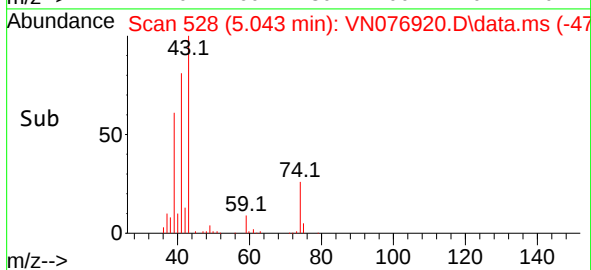
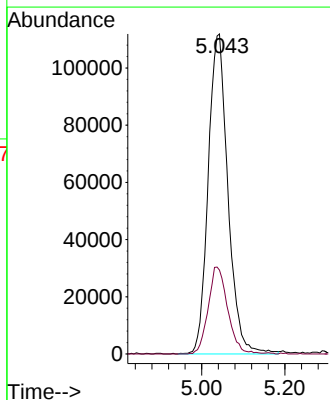
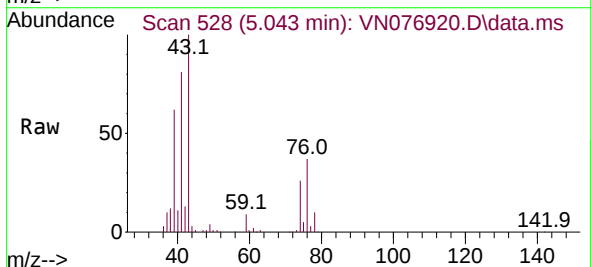
Manual Integrations
APPROVED

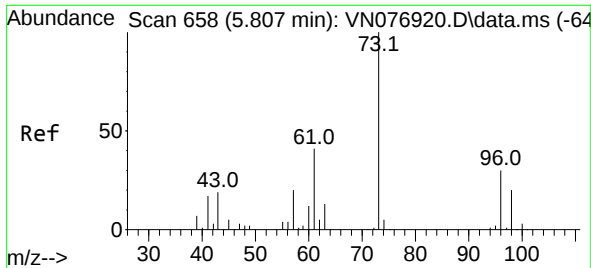
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#18
Methyl Acetate
Concen: 43.558 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

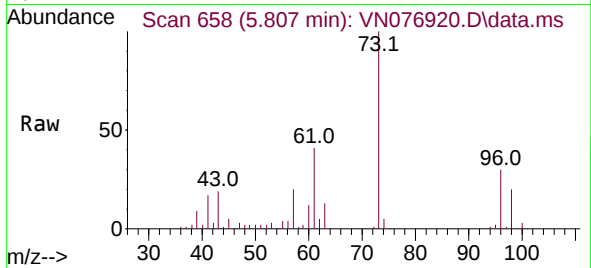
Tgt Ion: 43 Resp: 368389
Ion Ratio Lower Upper
43 100
74 26.9 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 51.893 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

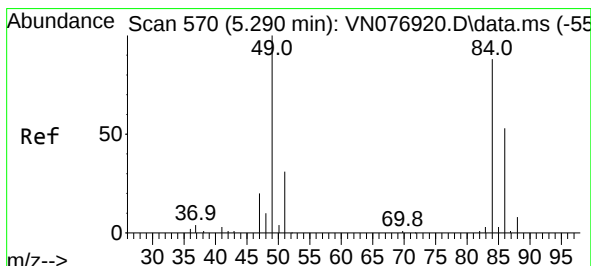
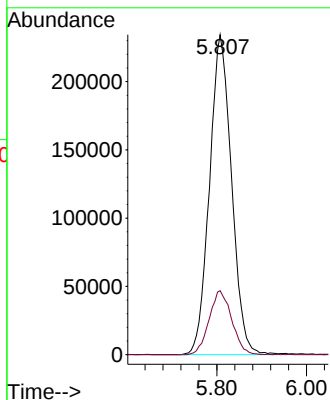
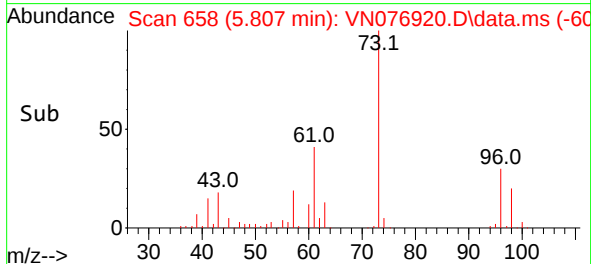
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 80088
Ion Ratio Lower Upper
73 100
57 20.0 16.1 24.1

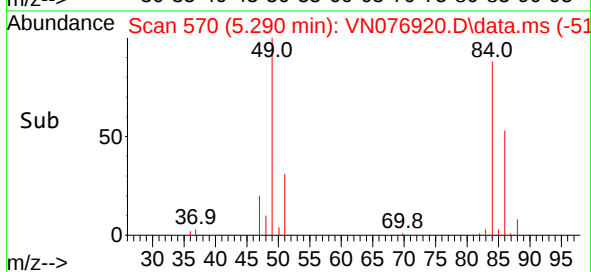
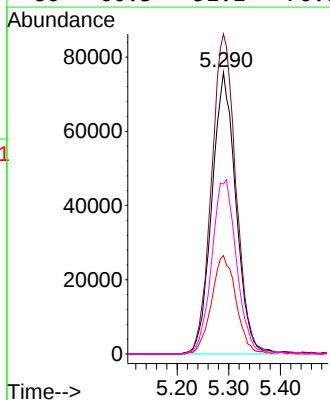
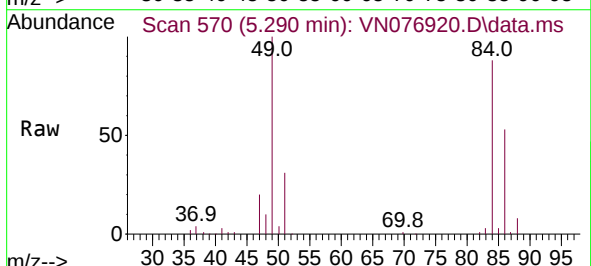
Manual Integrations
APPROVED

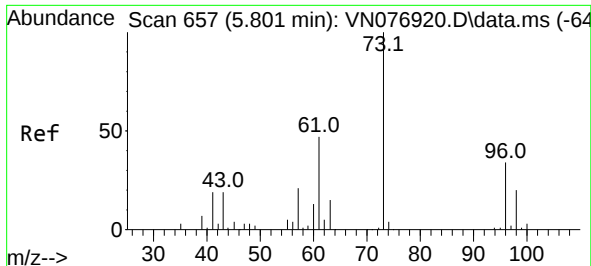
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 42.447 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 84 Resp: 244439
Ion Ratio Lower Upper
84 100
49 113.6 76.6 114.8
51 34.9 25.4 38.2
86 60.3 51.1 76.7





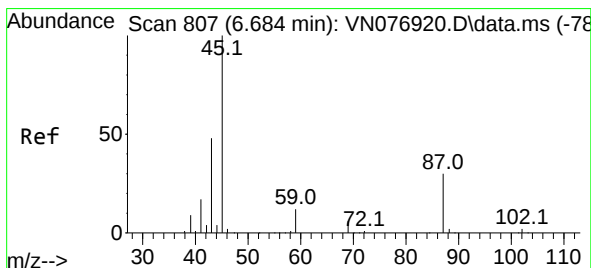
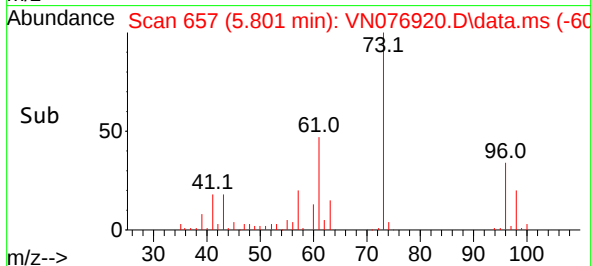
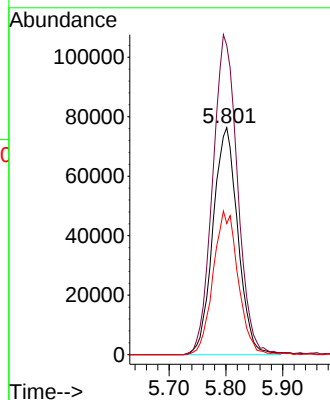
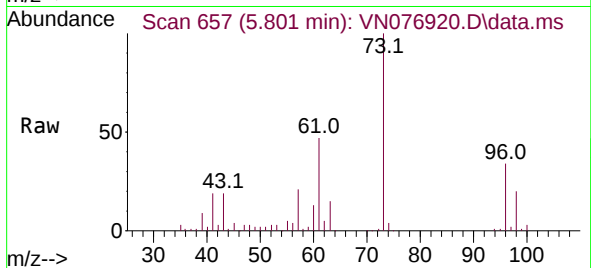
#21
trans-1,2-Dichloroethene
Concen: 47.683 ug/l
RT: 5.801 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 232038
Ion Ratio Lower Upper
96 100
61 136.2 95.0 142.6
98 57.8 54.5 81.7

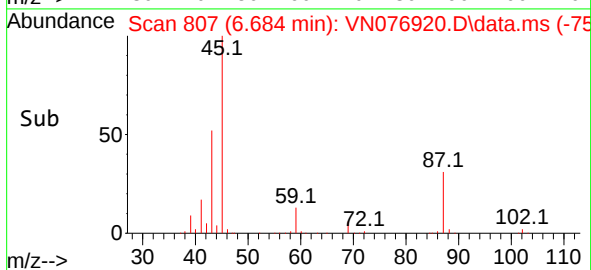
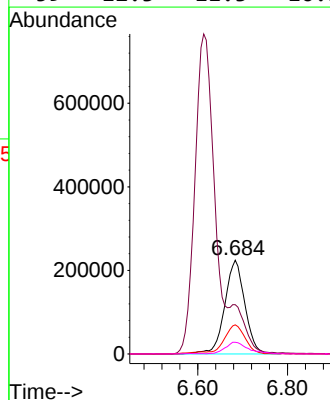
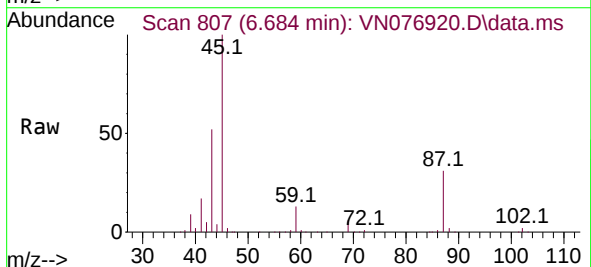
Manual Integrations
APPROVED

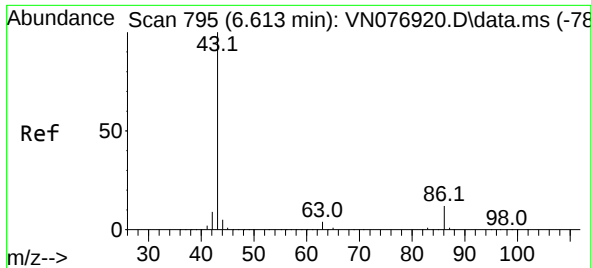
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 41.343 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 45 Resp: 698901
Ion Ratio Lower Upper
45 100
43 51.3 42.6 63.8
87 31.0 29.7 44.5
59 12.3 11.3 16.9





#23

Vinyl Acetate

Concen: 212.331 ug/l

RT: 6.613 min Scan# 795

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 2286334

Ion Ratio Lower Upper

43 100

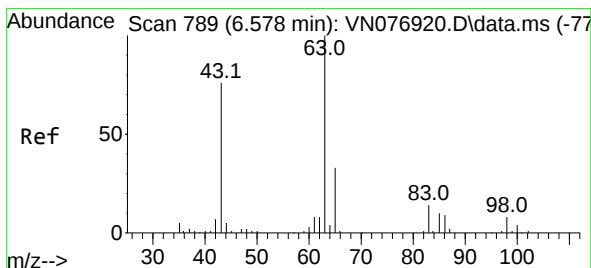
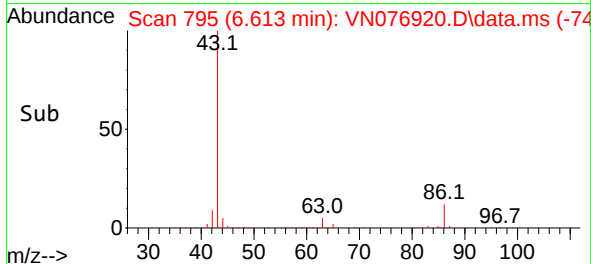
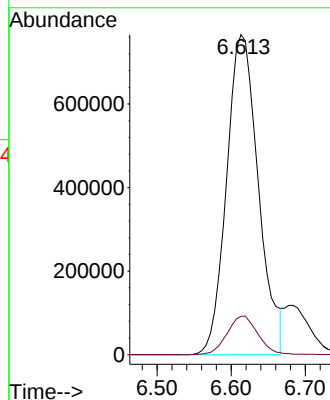
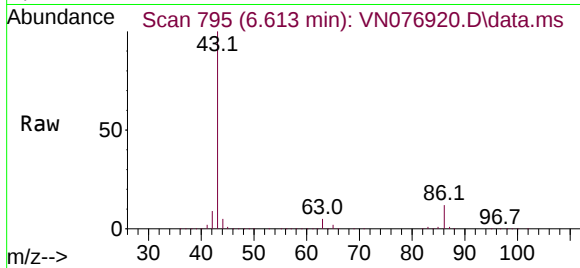
86 12.0 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#24

1,1-Dichloroethane

Concen: 45.477 ug/l

RT: 6.578 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

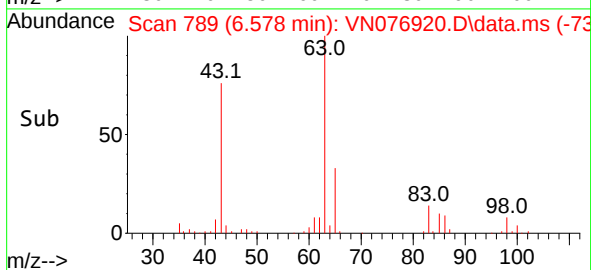
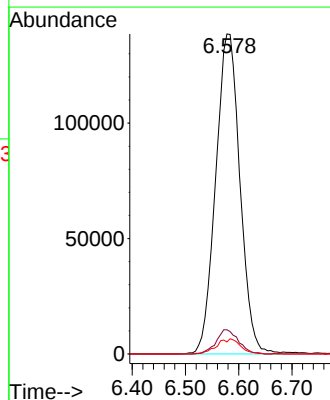
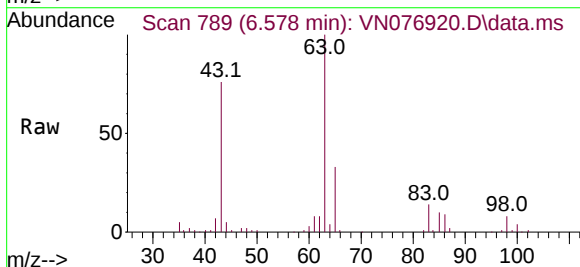
Tgt Ion: 63 Resp: 438387

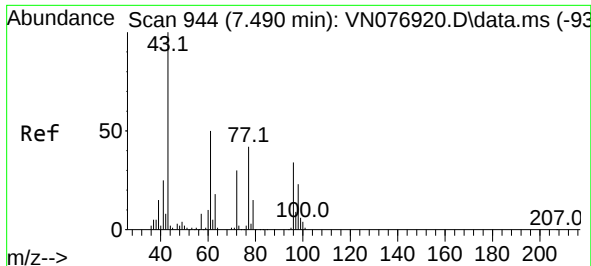
Ion Ratio Lower Upper

63 100

98 7.6 4.2 12.6

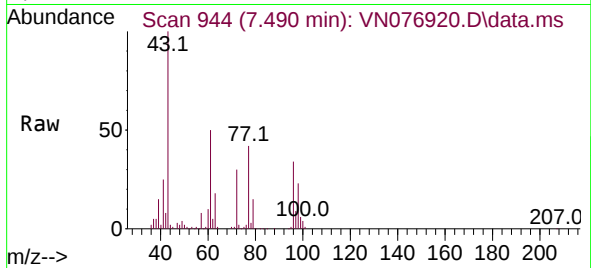
100 3.7 2.2 6.6





#25
2-Butanone
Concen: 202.379 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

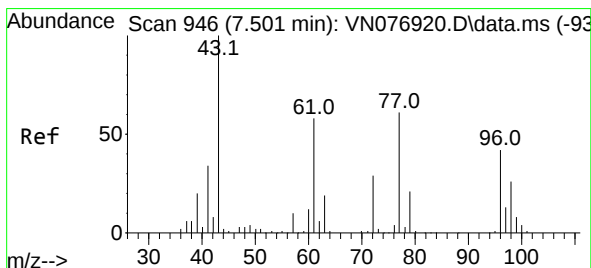
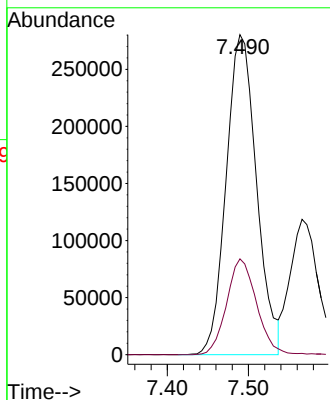
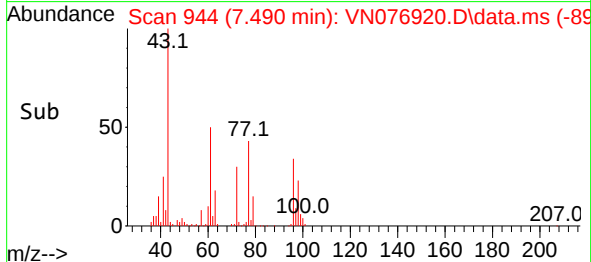
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 729673
Ion Ratio Lower Upper
43 100
72 29.9 28.8 43.2

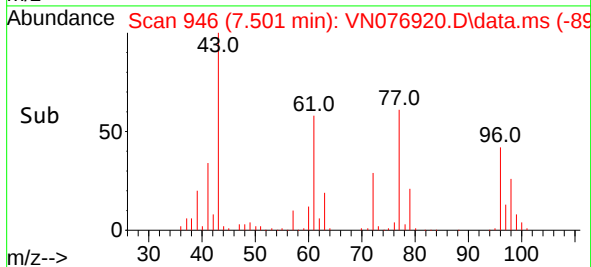
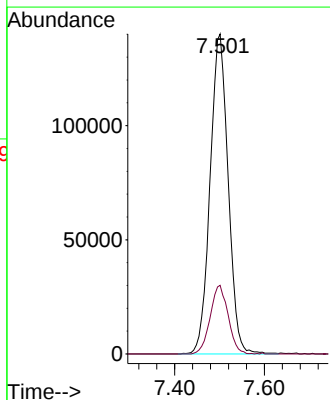
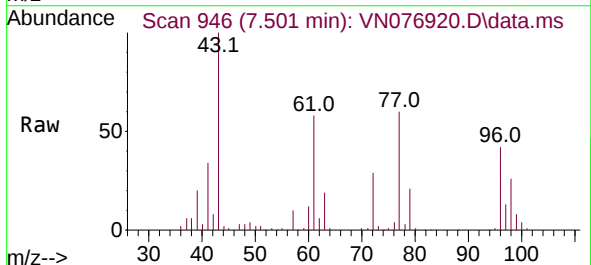
Manual Integrations
APPROVED

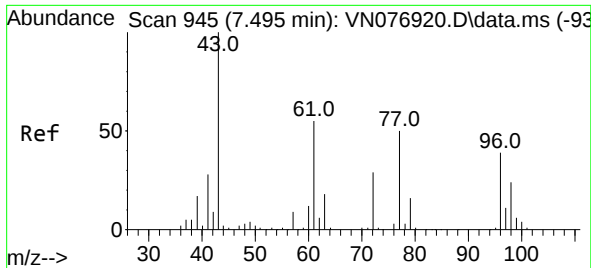
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 55.519 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

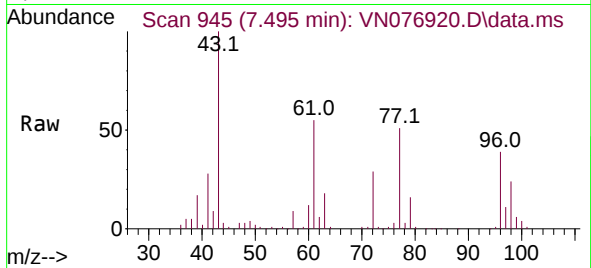
Tgt Ion: 77 Resp: 391935
Ion Ratio Lower Upper
77 100
97 21.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 46.921 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076920.D
 Acq: 10 Mar 2023 12:58

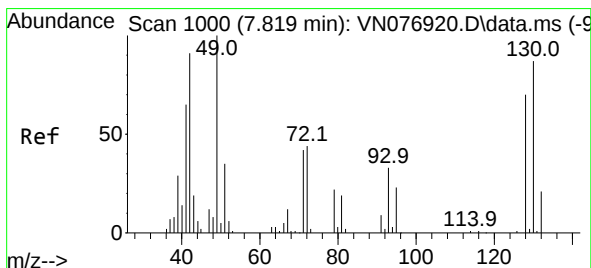
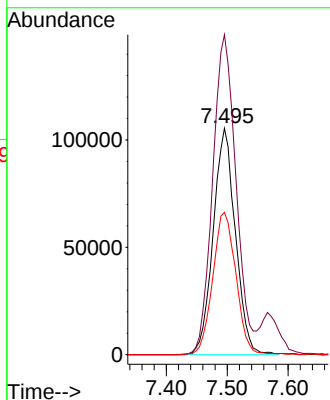
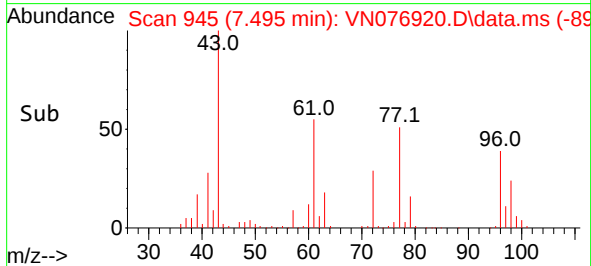
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



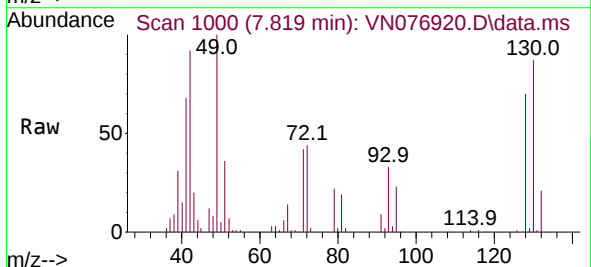
Tgt Ion: 96 Resp: 267485
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 255.6
 98 65.8 0.0 127.4

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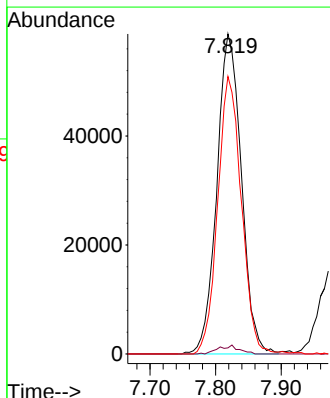
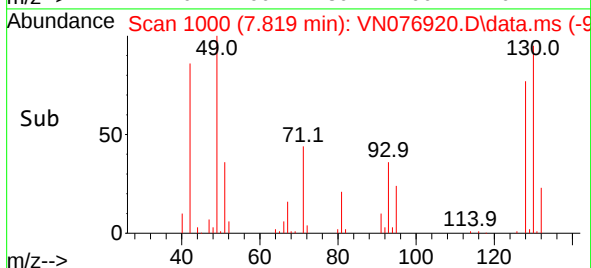
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

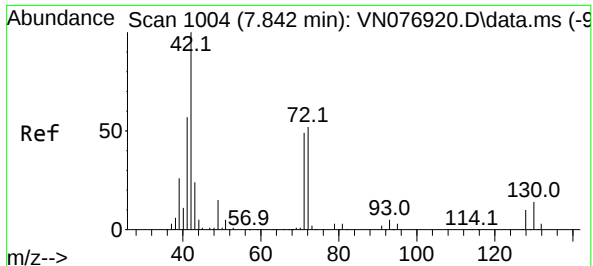


#28
 Bromochloromethane
 Concen: 37.365 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076920.D
 Acq: 10 Mar 2023 12:58



Tgt Ion: 49 Resp: 152311
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 83.5 74.8 112.2





#29

Tetrahydrofuran

Concen: 200.171 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 465578

Ion Ratio Lower Upper

42 100

72 50.7 48.6 73.0

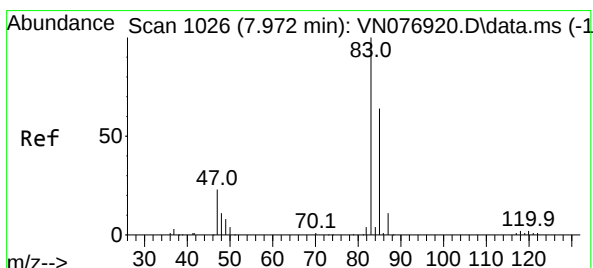
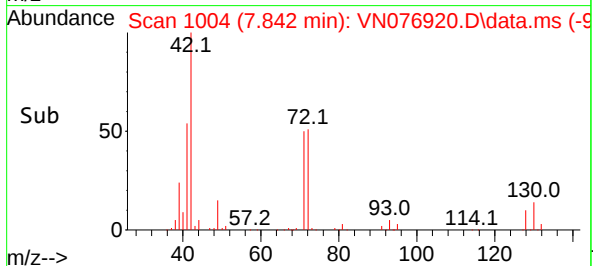
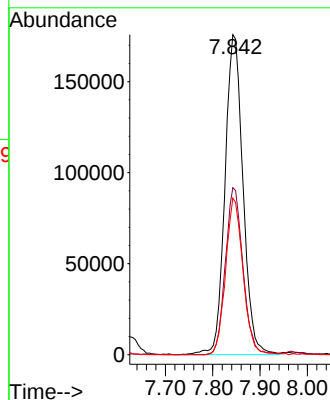
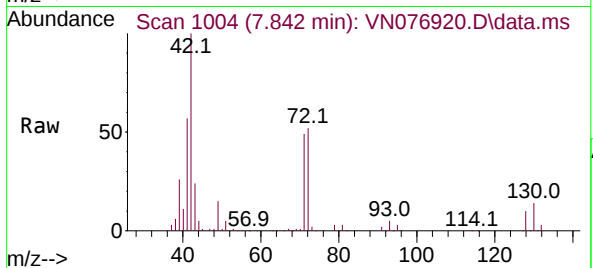
71 47.2 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 49.050 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076920.D

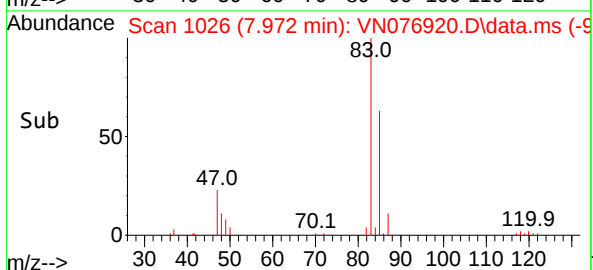
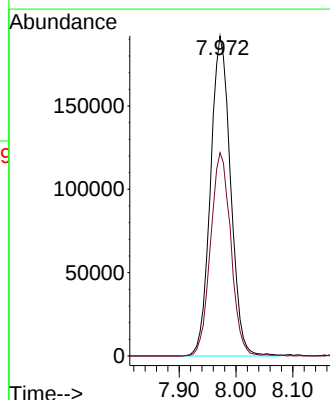
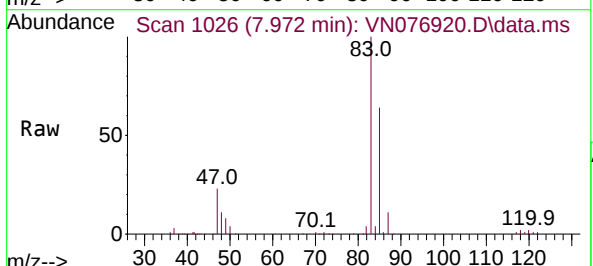
Acq: 10 Mar 2023 12:58

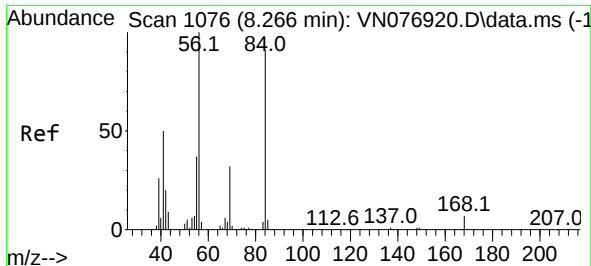
Tgt Ion: 83 Resp: 469615

Ion Ratio Lower Upper

83 100

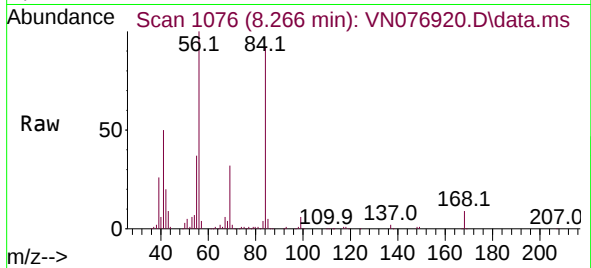
85 63.5 51.3 76.9





#31
Cyclohexane
Concen: 42.543 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

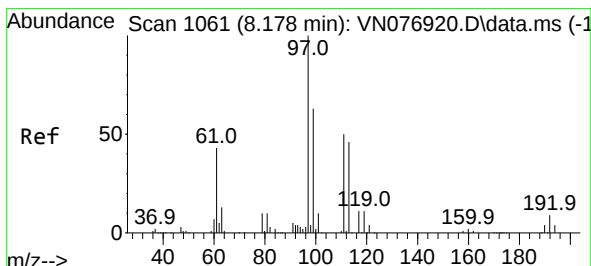
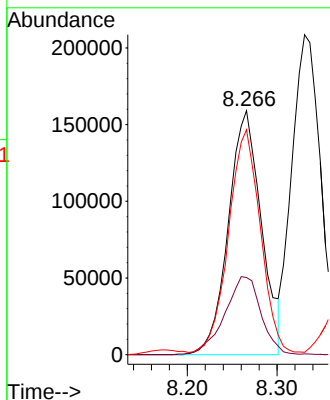
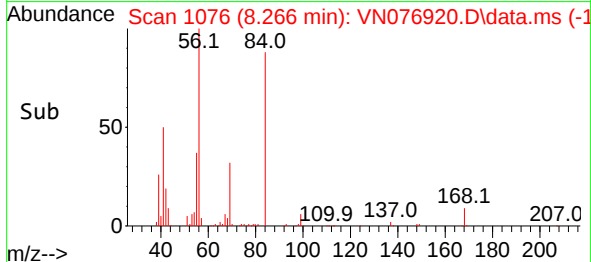
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



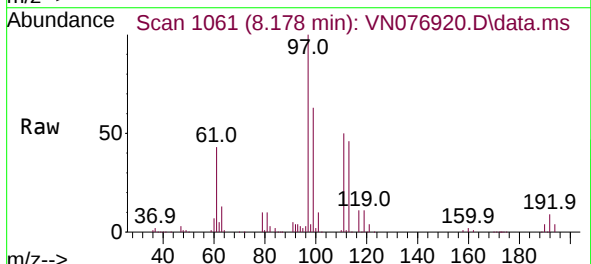
Tgt Ion: 56 Resp: 406369
Ion Ratio Lower Upper
56 100
69 31.3 27.0 40.6
84 90.9 82.9 124.3

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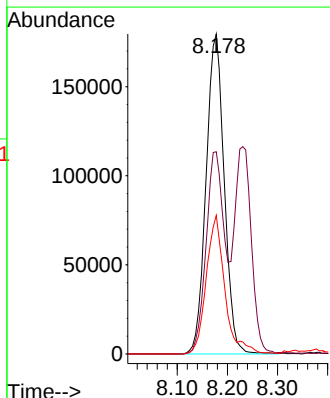
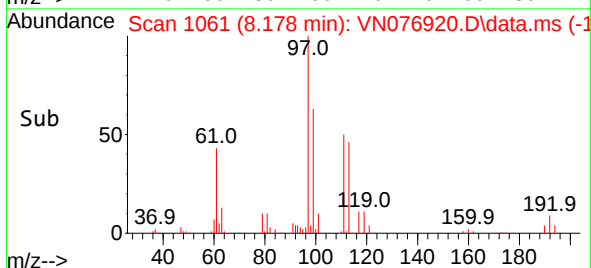
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

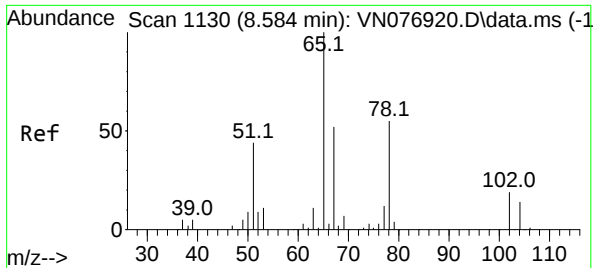


#32
1,1,1-Trichloroethane
Concen: 54.522 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion: 97 Resp: 452036
Ion Ratio Lower Upper
97 100
99 62.3 51.2 76.8
61 44.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.921 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 287929

Ion Ratio Lower Upper

65 100

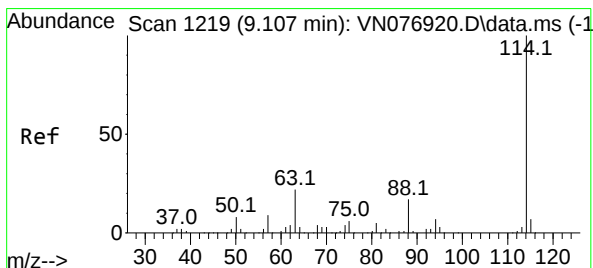
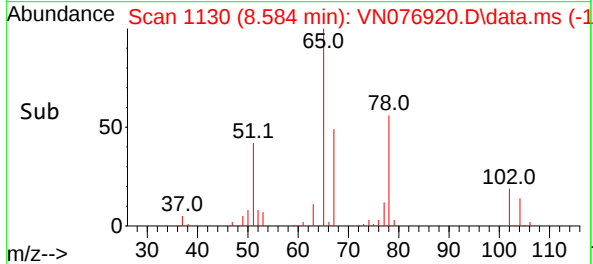
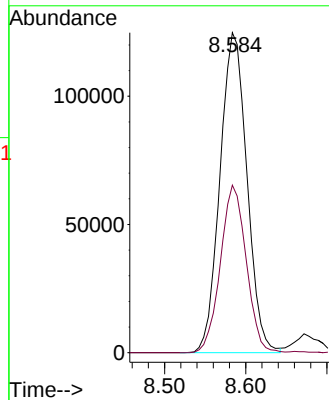
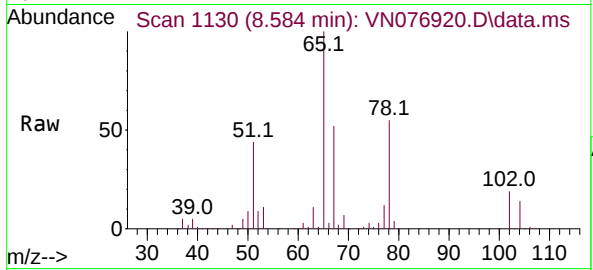
67 50.1 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

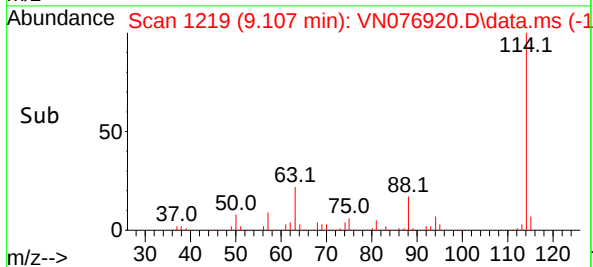
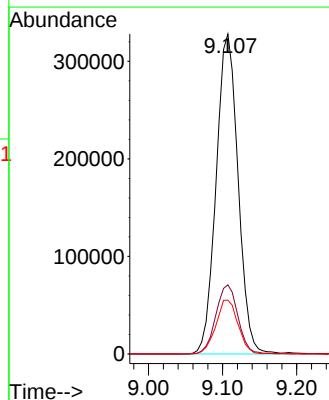
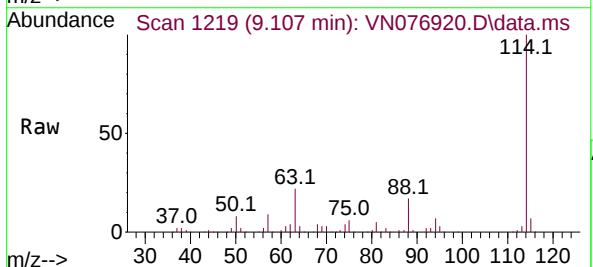
Tgt Ion:114 Resp: 673808

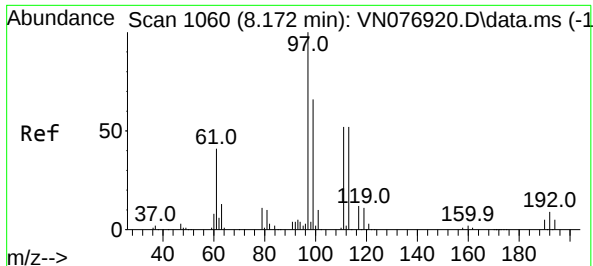
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

88 16.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 209409

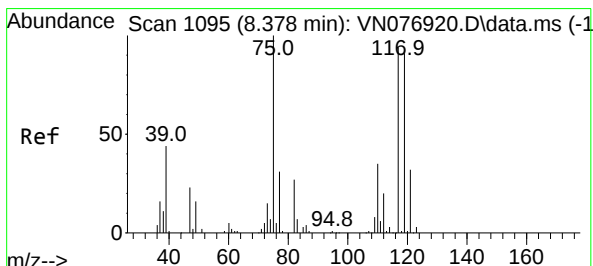
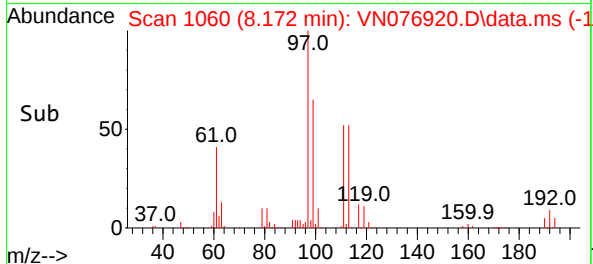
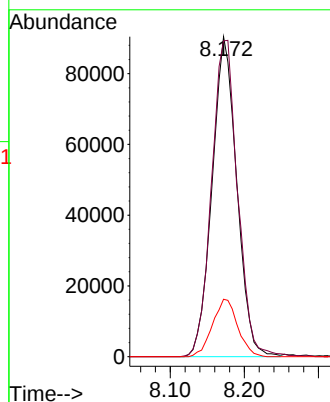
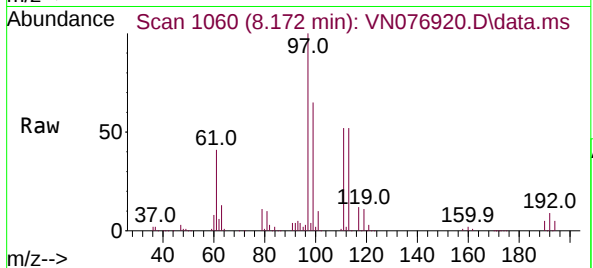
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	18.3	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#36

1,1-Dichloropropene

Concen: 51.430 ug/l

RT: 8.378 min Scan# 1095

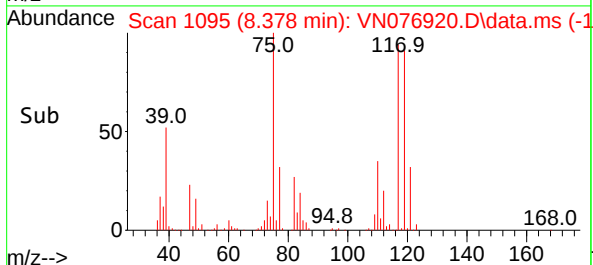
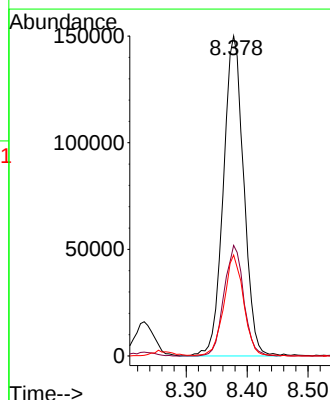
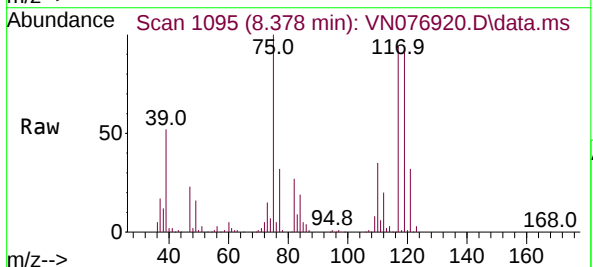
Delta R.T. -0.000 min

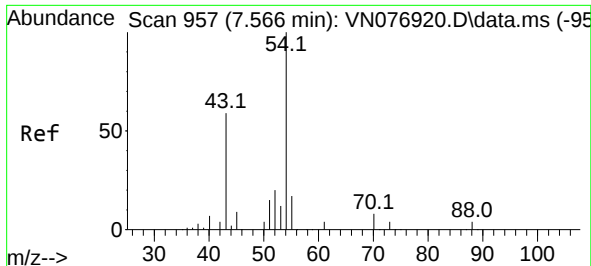
Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Tgt Ion: 75 Resp: 348427

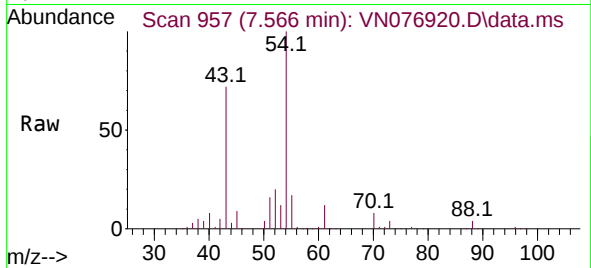
Ion	Ratio	Lower	Upper
75	100		
110	33.4	18.9	56.9
77	30.6	24.9	37.3





#37
Ethyl Acetate
Concen: 42.550 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

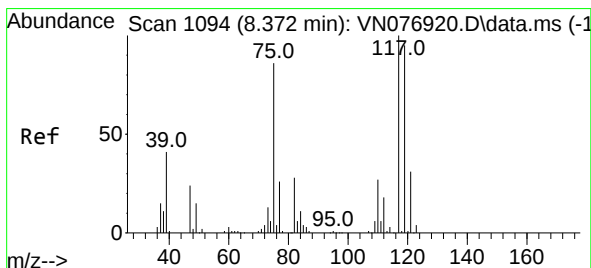
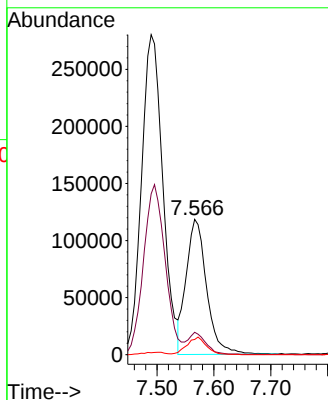
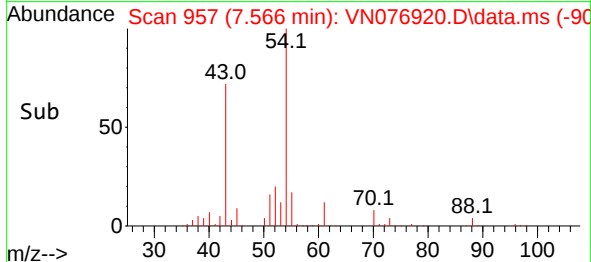
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 29589
Ion Ratio Lower Upper
43 100
61 13.8 13.5 20.3
70 12.4 11.0 16.6

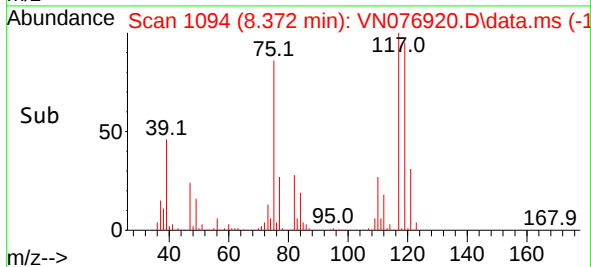
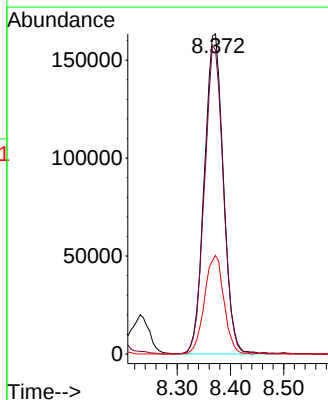
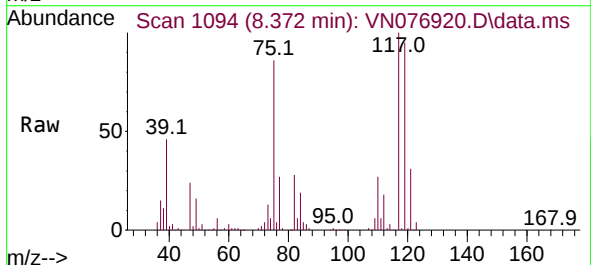
Manual Integrations
APPROVED

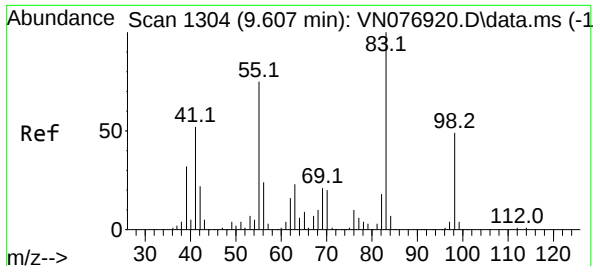
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#38
Carbon Tetrachloride
Concen: 58.870 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion:117 Resp: 405168
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3
121 30.8 23.2 34.8





#39

Methylcyclohexane

Concen: 51.687 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 431623

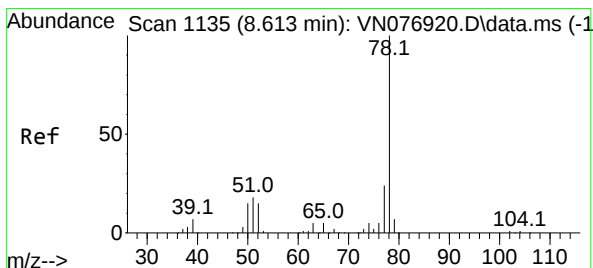
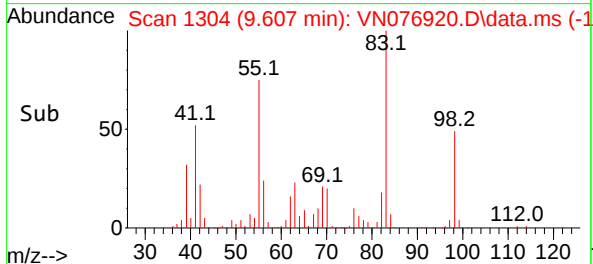
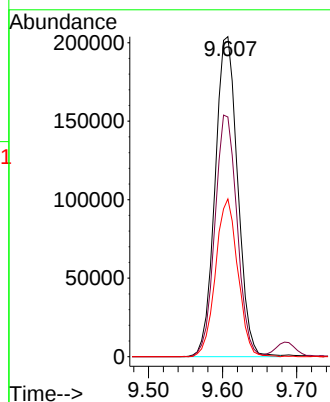
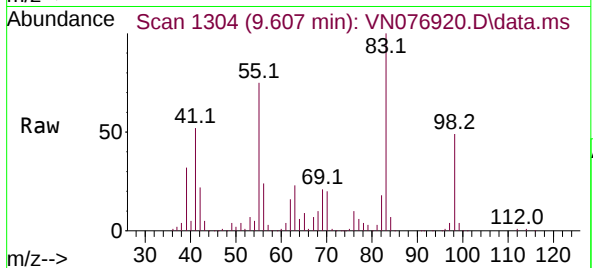
Ion	Ratio	Lower	Upper
83	100		
55	74.9	47.0	70.4
98	49.3	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 48.280 ug/l

RT: 8.613 min Scan# 1135

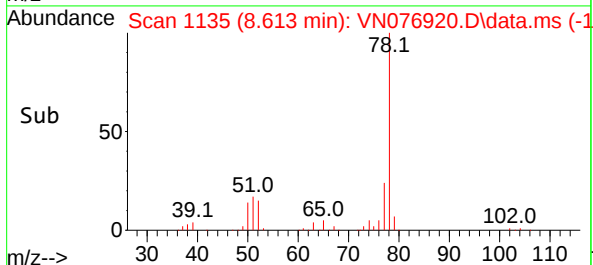
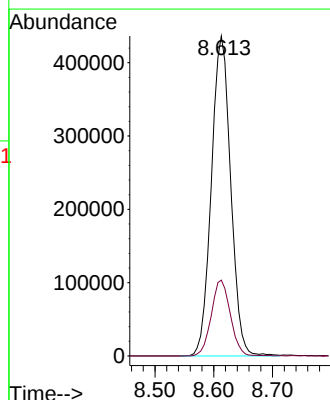
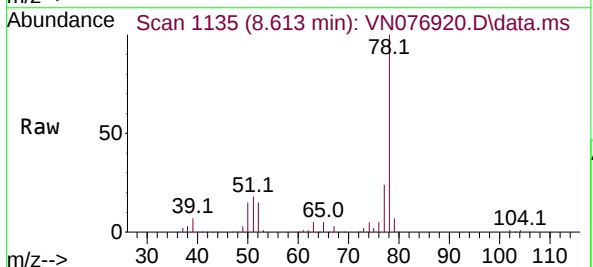
Delta R.T. -0.000 min

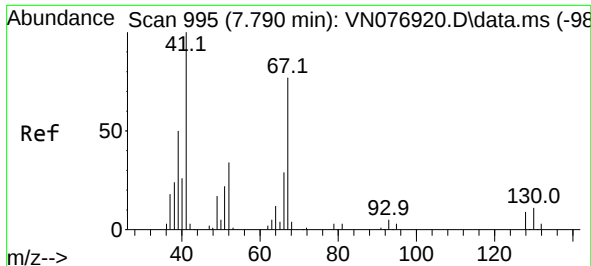
Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Tgt Ion: 78 Resp: 996363

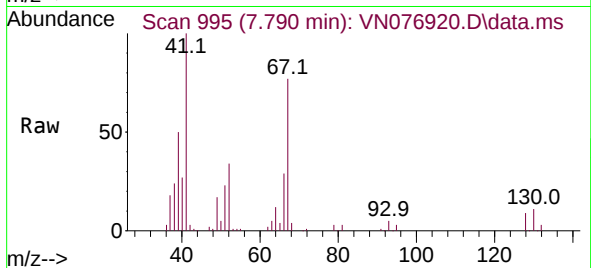
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#41
Methacrylonitrile
Concen: 44.342 ug/l
RT: 7.790 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

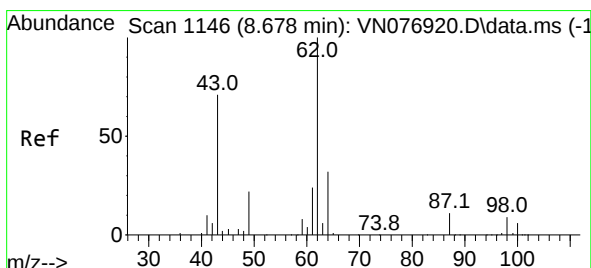
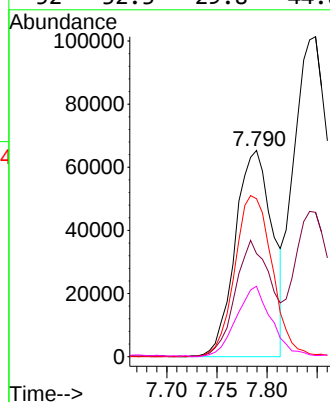
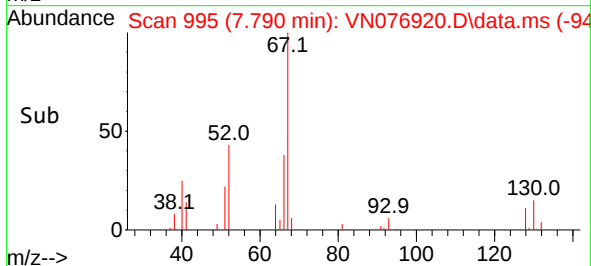
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 16838
Ion Ratio Lower Upper
41 100
39 54.5 43.4 65.0
67 79.0 78.6 118.0
52 32.3 29.8 44.8

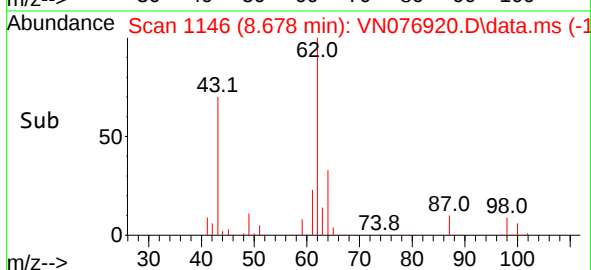
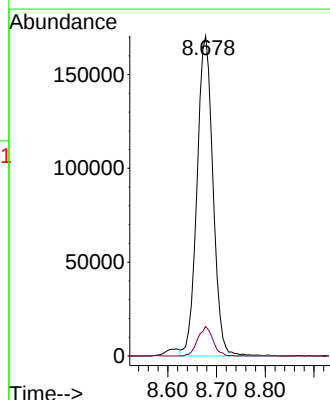
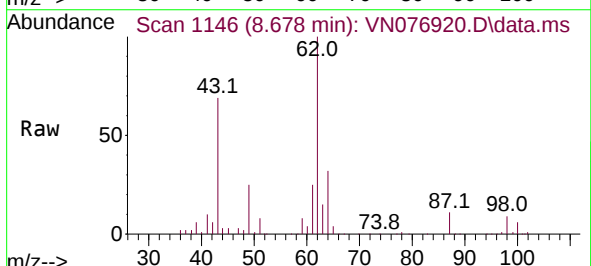
Manual Integrations
APPROVED

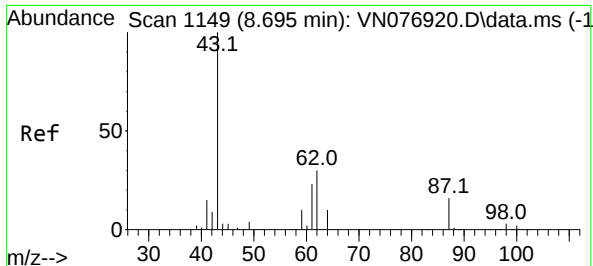
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#42
1,2-Dichloroethane
Concen: 54.045 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

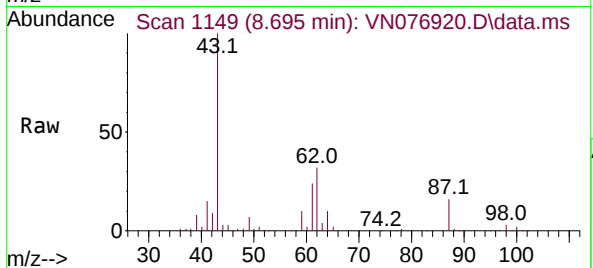
Tgt Ion: 62 Resp: 388530
Ion Ratio Lower Upper
62 100
98 8.8 0.0 21.8





#43
Isopropyl Acetate
Concen: 46.939 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

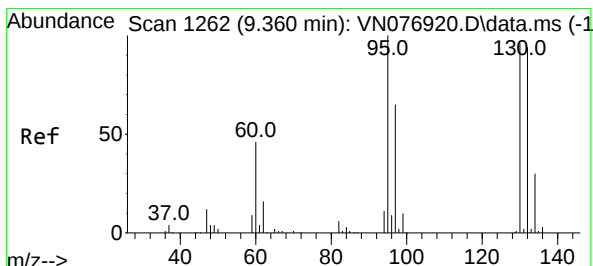
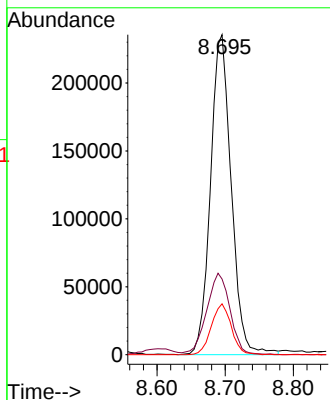
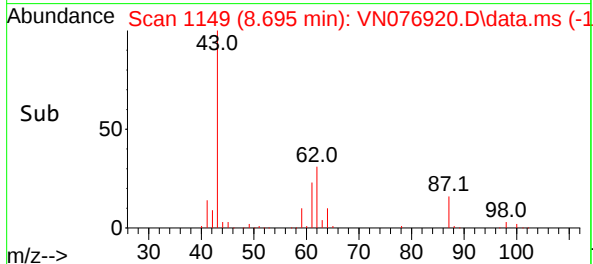
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



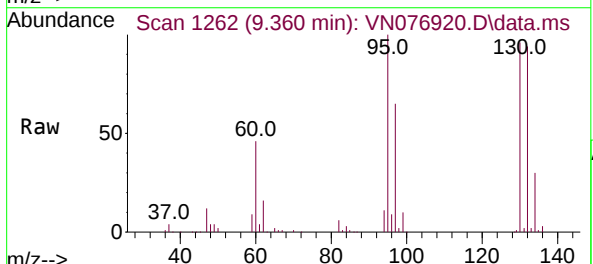
Tgt Ion: 43 Resp: 499700
Ion Ratio Lower Upper
43 100
61 28.7 26.2 39.2
87 15.3 14.8 22.2

Manual Integrations
APPROVED

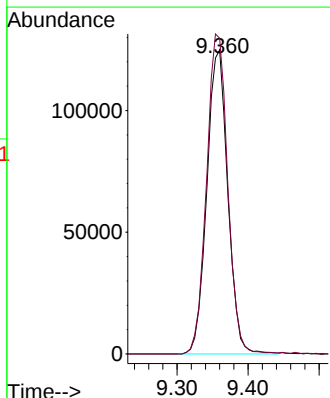
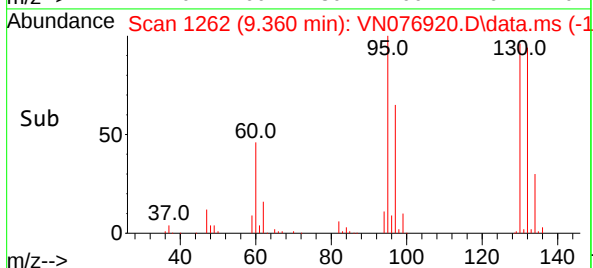
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

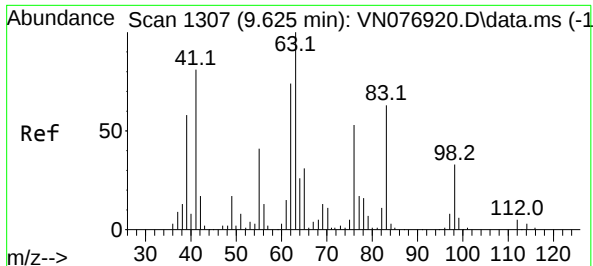


#44
Trichloroethene
Concen: 52.167 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion:130 Resp: 255262
Ion Ratio Lower Upper
130 100
95 103.8 0.0 208.6





#45

1,2-Dichloropropane

Concen: 46.011 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 245379

Ion Ratio Lower Upper

63 100

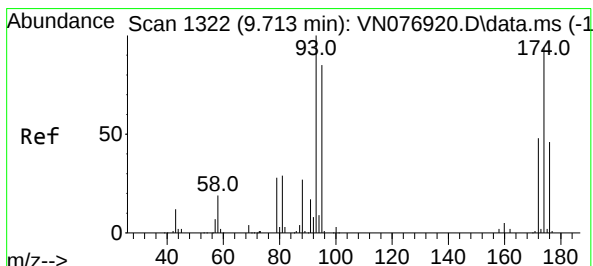
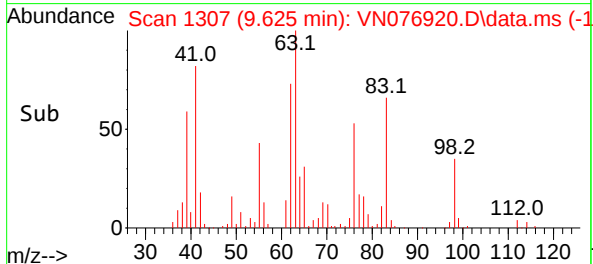
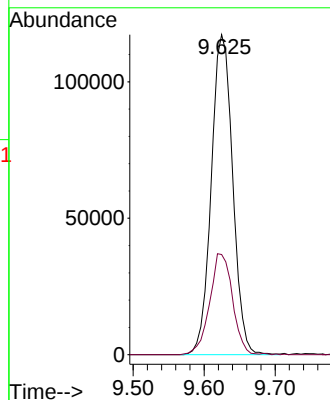
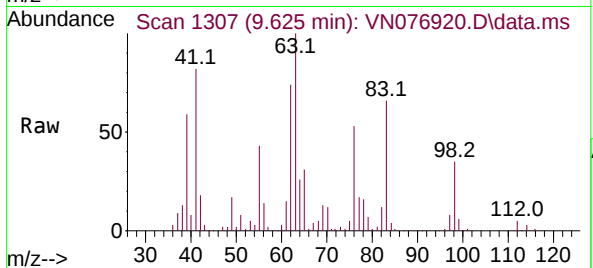
65 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 51.100 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

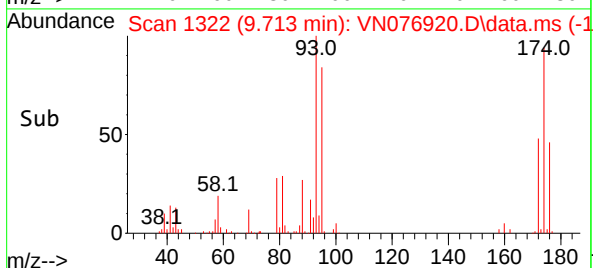
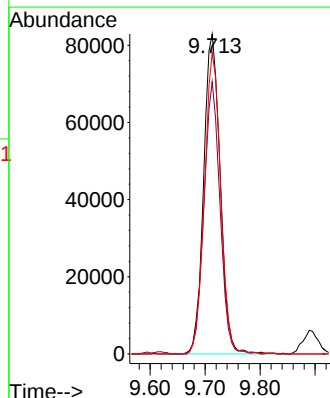
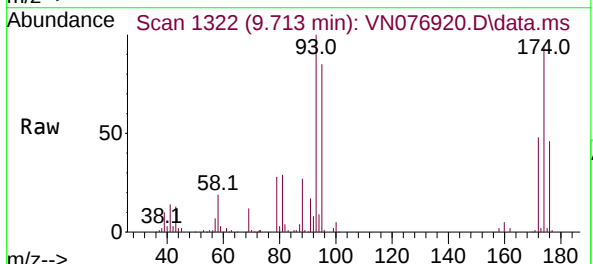
Tgt Ion: 93 Resp: 173090

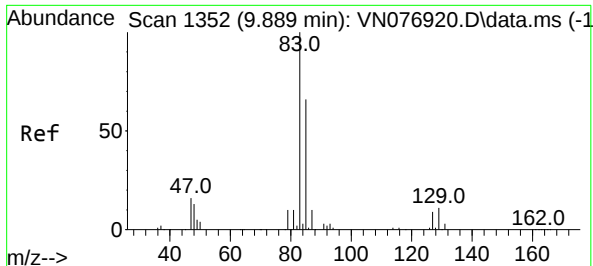
Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

174 92.5 69.3 103.9





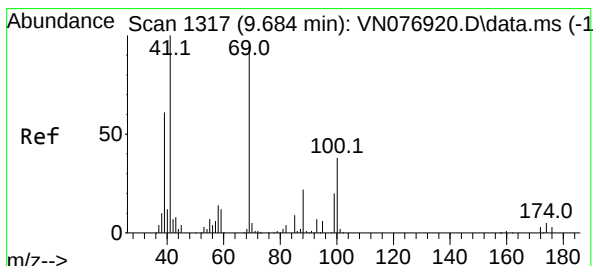
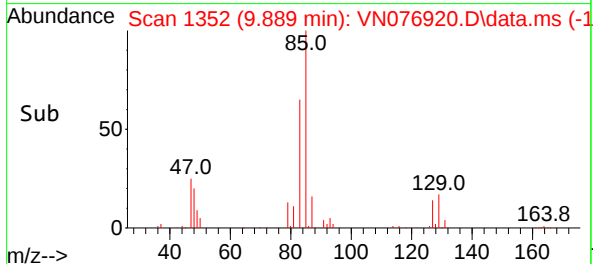
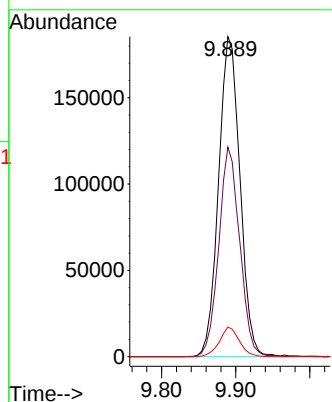
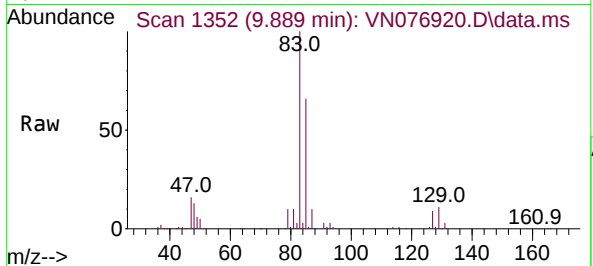
#47
Bromodichloromethane
Concen: 53.391 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 37178
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8
127 9.3 7.0 10.6

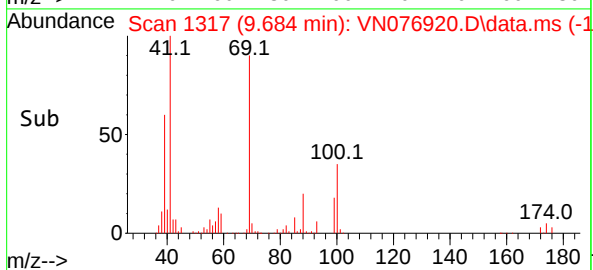
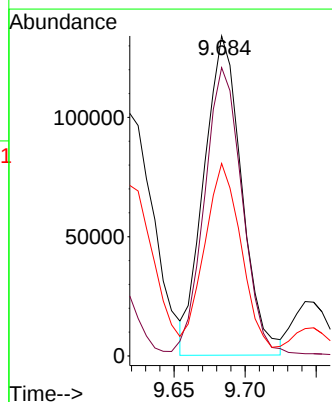
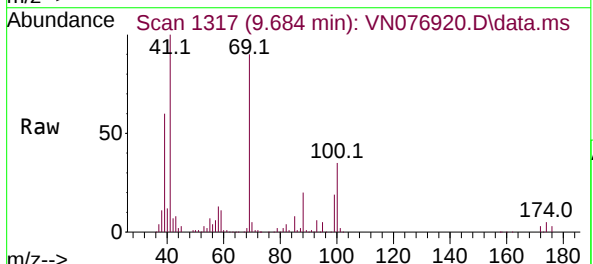
Manual Integrations
APPROVED

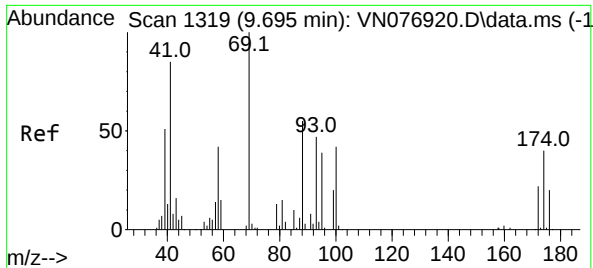
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 47.878 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 41 Resp: 247675
Ion Ratio Lower Upper
41 100
69 91.5 92.6 139.0#
39 60.1 51.4 77.0





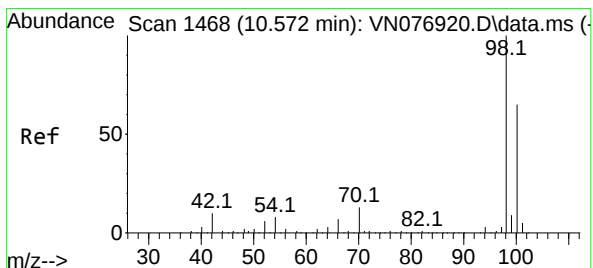
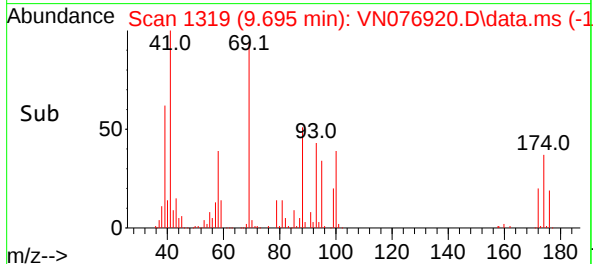
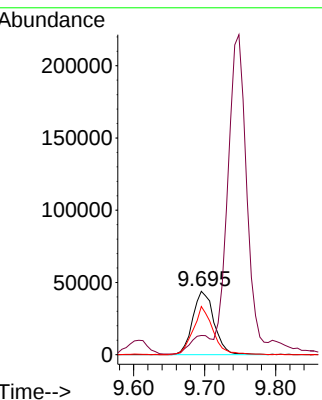
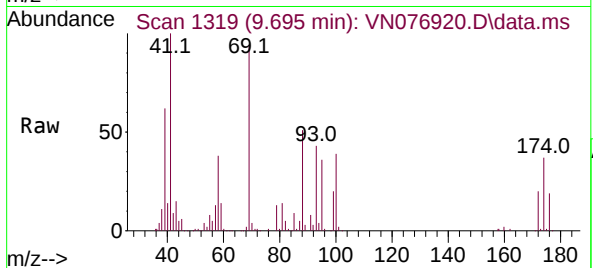
#49
1,4-Dioxane
Concen: 969.244 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 91899
Ion Ratio Lower Upper
88 100
43 26.7 15.3 22.9
58 70.7 47.6 71.4

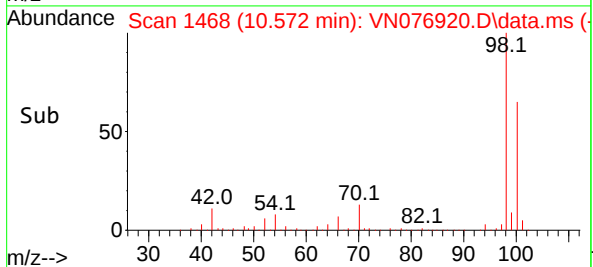
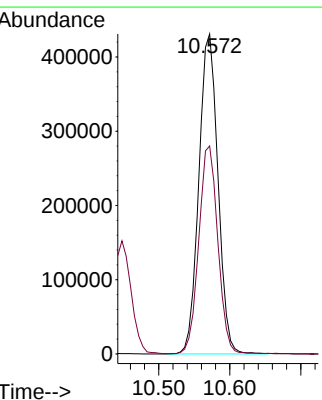
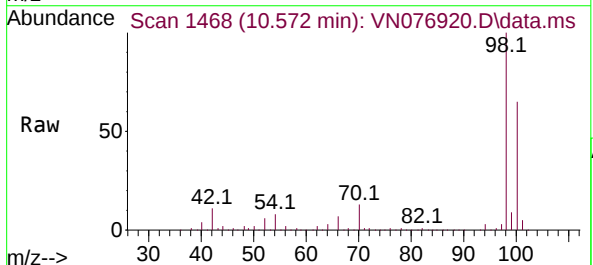
Manual Integrations
APPROVED

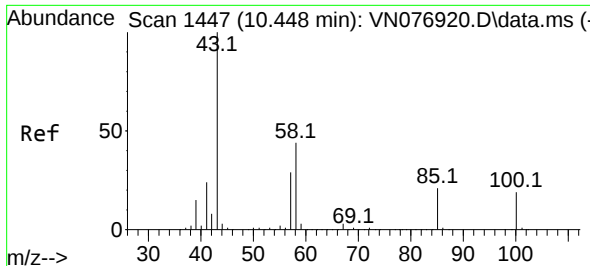
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#50
Toluene-d8
Concen: 49.483 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

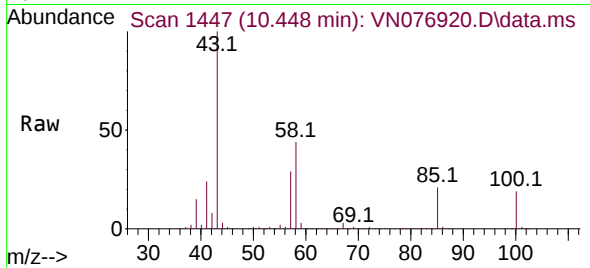
Tgt Ion: 98 Resp: 803594
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 220.207 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

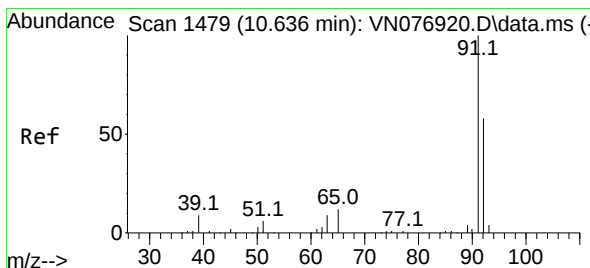
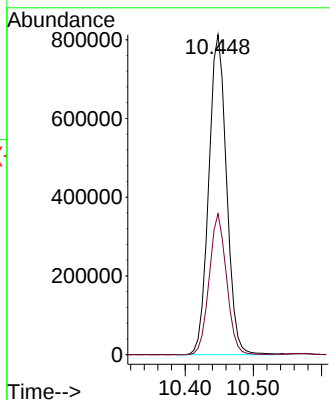
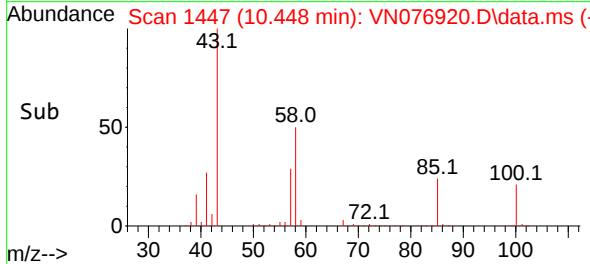
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1478680
Ion Ratio Lower Upper
43 100
58 42.8 37.4 56.0

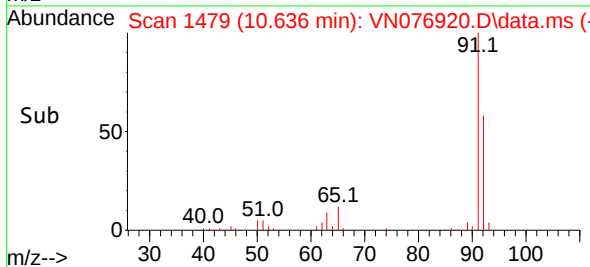
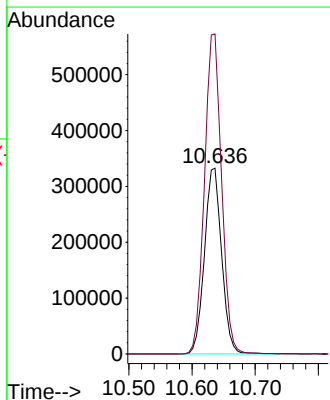
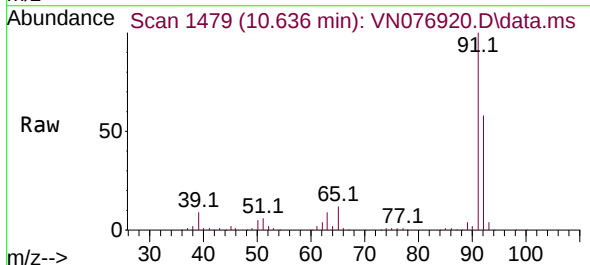
Manual Integrations
APPROVED

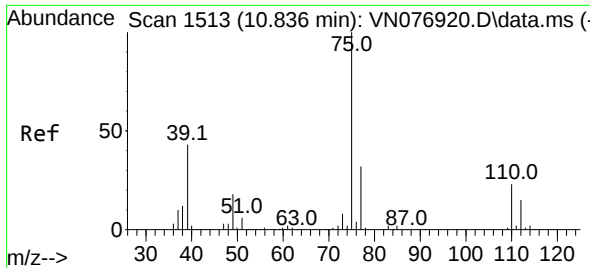
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#52
Toluene
Concen: 51.077 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 92 Resp: 627643
Ion Ratio Lower Upper
92 100
91 171.9 138.2 207.2





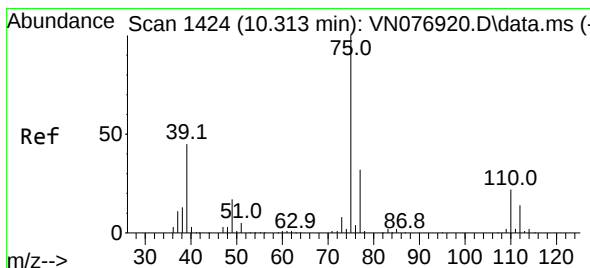
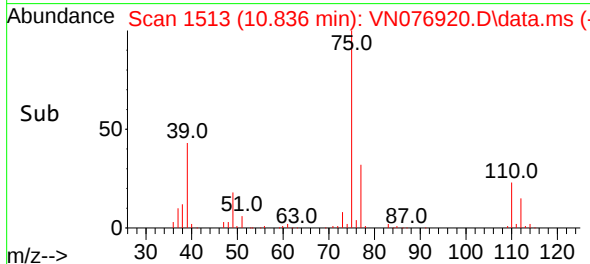
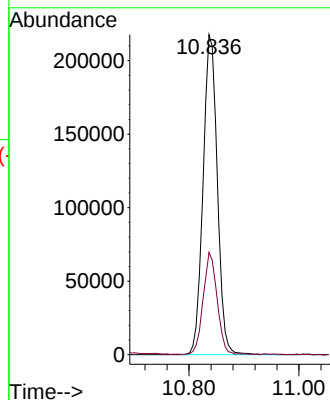
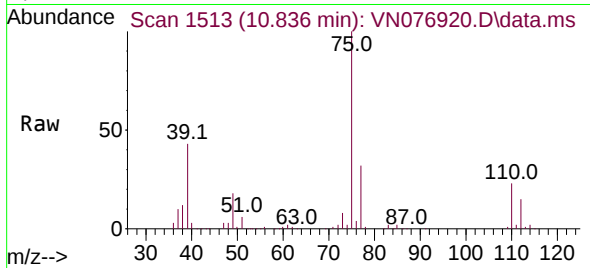
#53
 t-1,3-Dichloropropene
 Concen: 58.051 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076920.D
 Acq: 10 Mar 2023 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 391844
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6

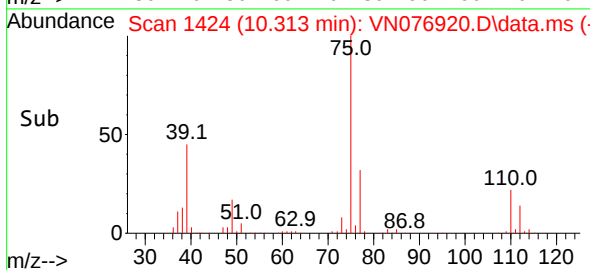
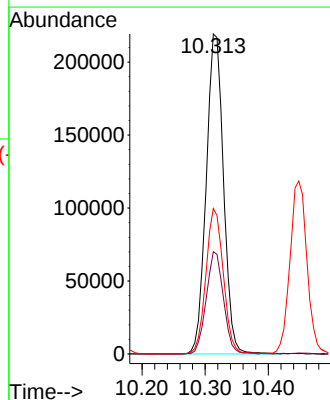
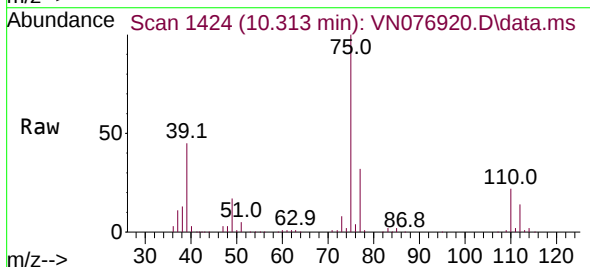
Manual Integrations
 APPROVED

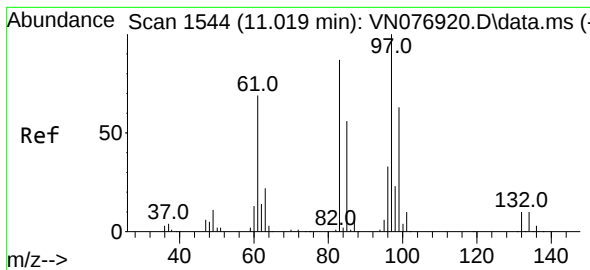
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.802 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076920.D
 Acq: 10 Mar 2023 12:58

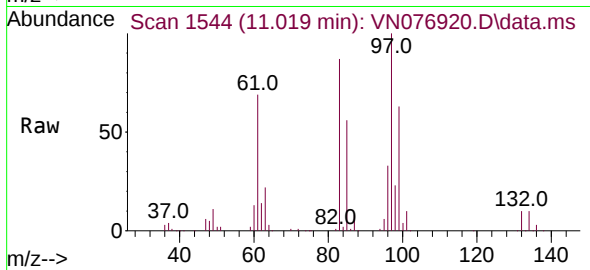
Tgt Ion: 75 Resp: 417145
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 45.5 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 48.632 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

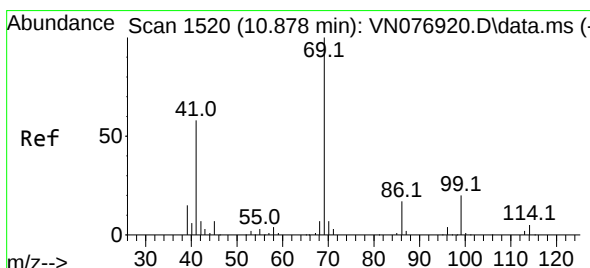
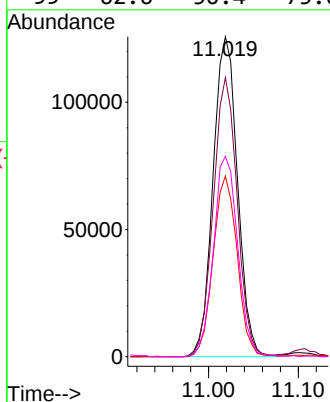
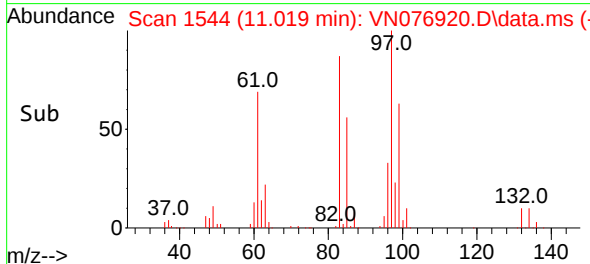


Tgt Ion: 97 Resp: 237724

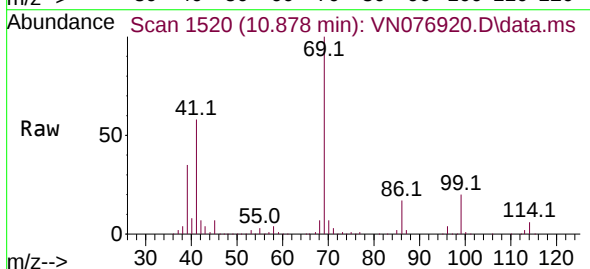
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.1	100.7
85	56.5	41.8	62.8
99	62.6	50.4	75.6

Manual Integrations
APPROVED

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

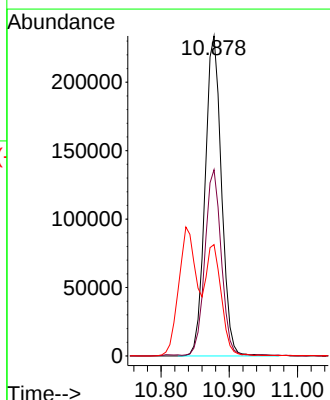
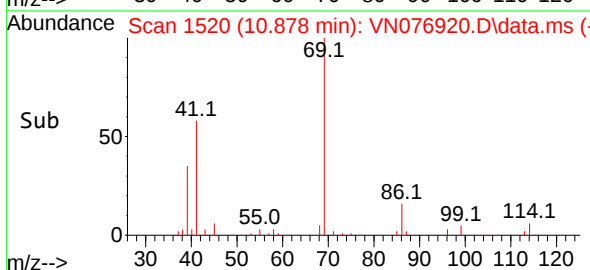


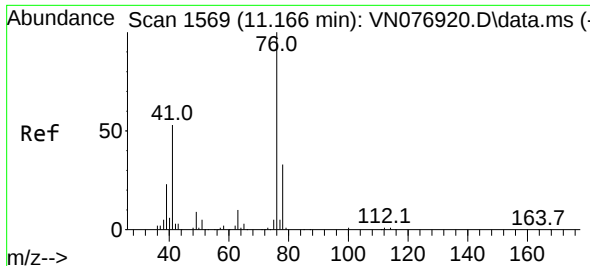
#56
Ethyl methacrylate
Concen: 53.532 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion: 69 Resp: 389887

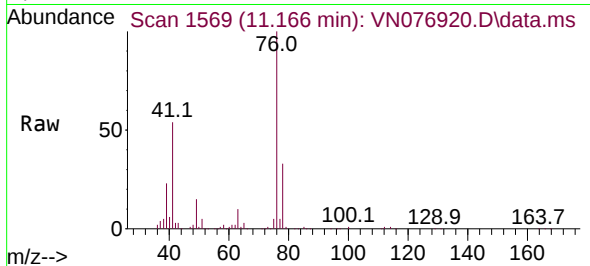
Ion	Ratio	Lower	Upper
69	100		
41	57.8	38.0	57.0#
39	32.1	22.4	33.6





#57
1,3-Dichloropropane
Concen: 49.214 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

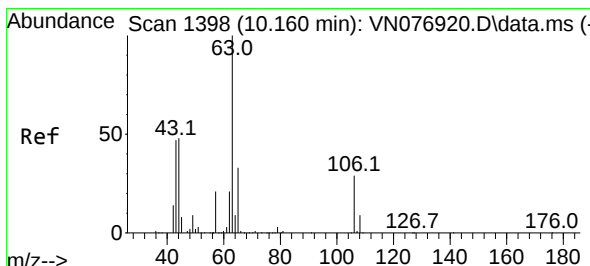
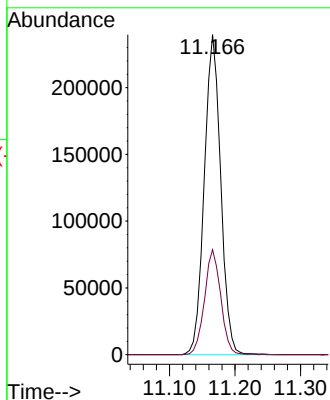
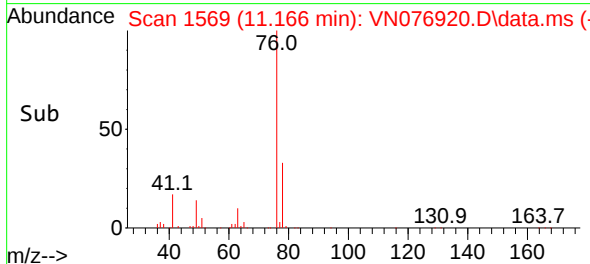
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 417680
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

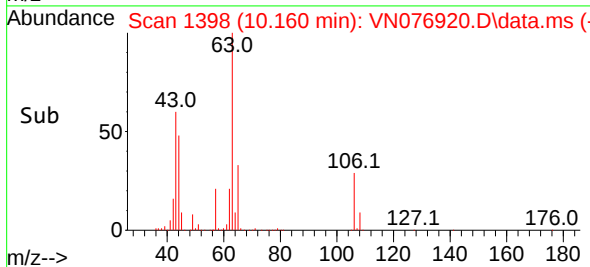
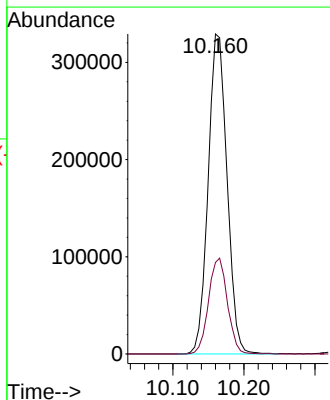
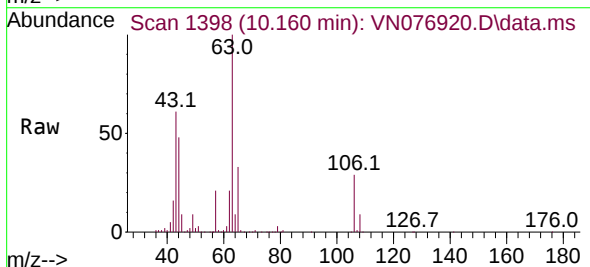
Manual Integrations
APPROVED

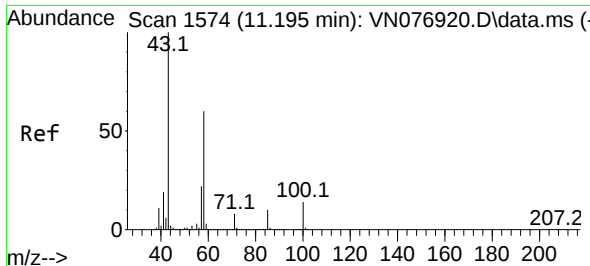
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 240.717 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 63 Resp: 607466
Ion Ratio Lower Upper
63 100
106 29.8 25.6 38.4





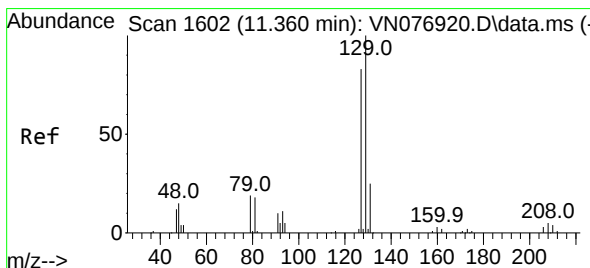
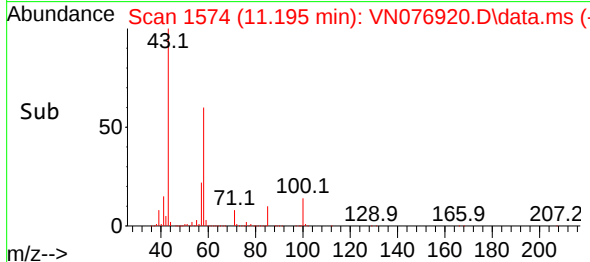
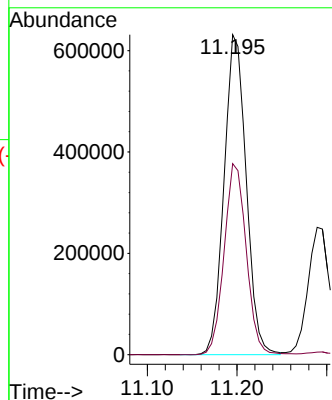
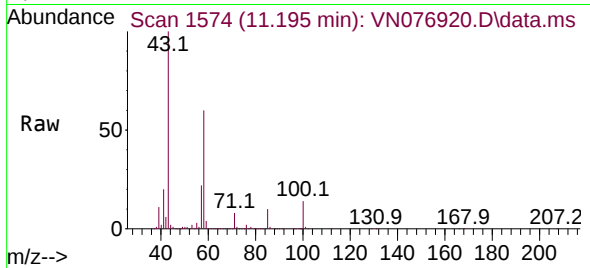
#59
2-Hexanone
Concen: 222.210 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050

Tgt Ion: 43 Resp: 1081234
Ion Ratio Lower Upper
43 100
58 59.7 32.6 98.0

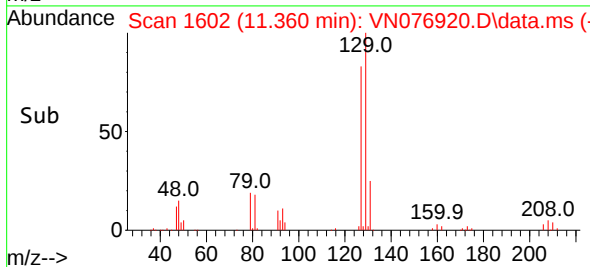
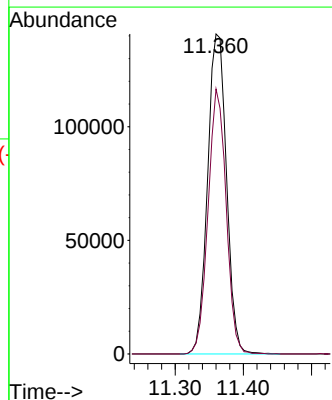
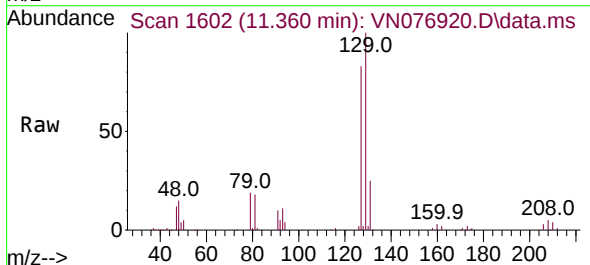
Manual Integrations
APPROVED

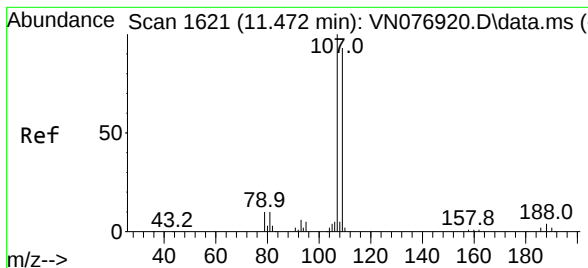
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 56.475 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

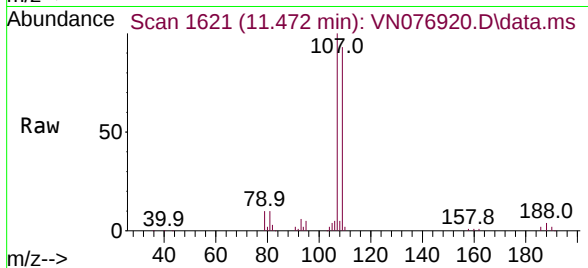
Tgt Ion:129 Resp: 272037
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8





#61
1,2-Dibromoethane
Concen: 52.534 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

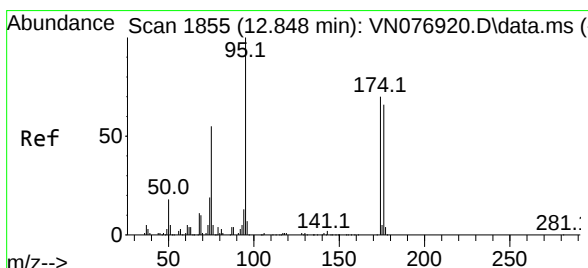
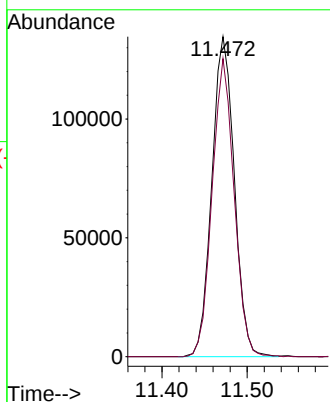
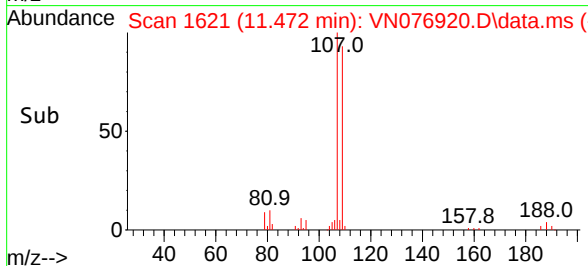
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



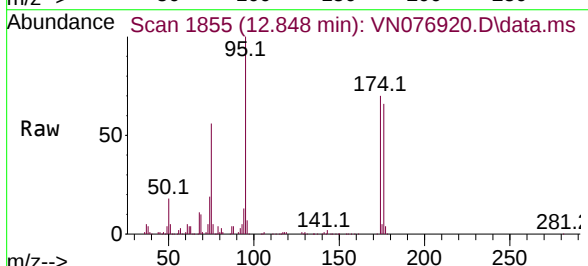
Tgt Ion:107 Resp: 24682
Ion Ratio Lower Upper
107 100
109 91.2 75.9 113.9

Manual Integrations
APPROVED

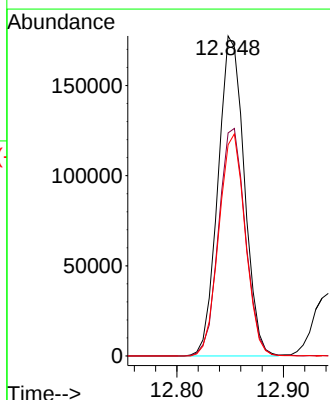
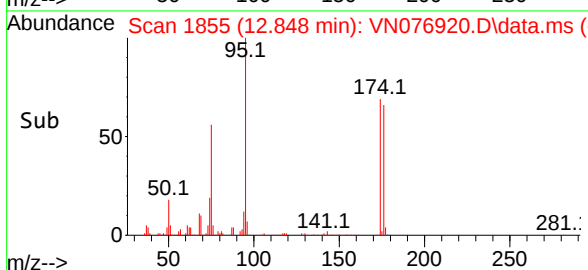
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

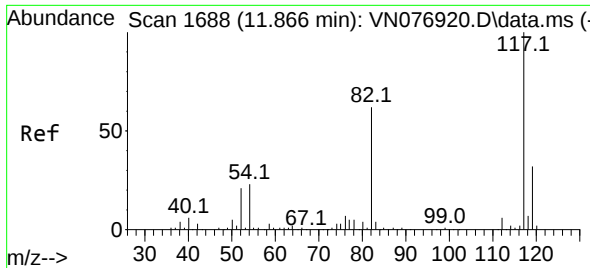


#62
4-Bromofluorobenzene
Concen: 54.001 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion: 95 Resp: 303881
Ion Ratio Lower Upper
95 100
174 72.2 0.0 162.4
176 69.5 0.0 157.4





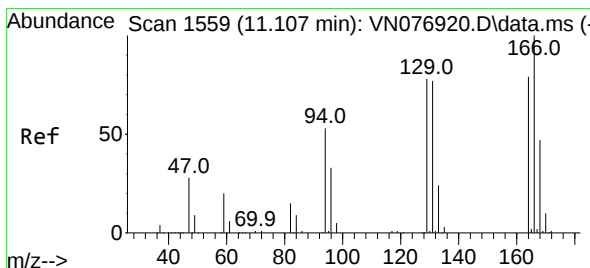
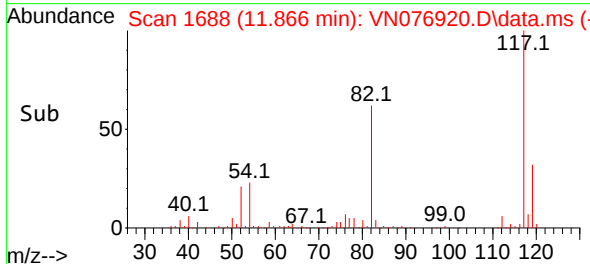
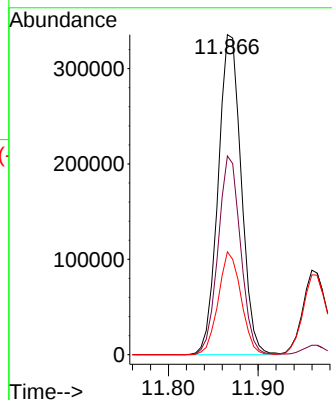
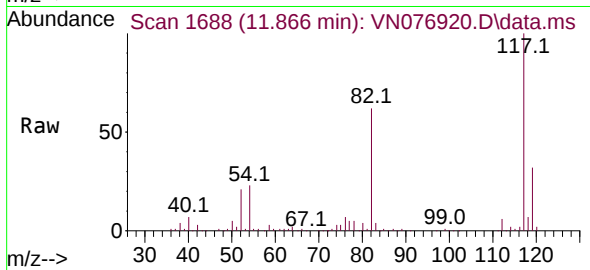
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 599658
Ion Ratio Lower Upper
117 100
82 62.1 43.5 65.3
119 32.2 25.5 38.3

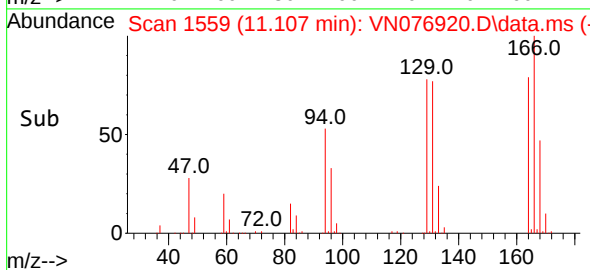
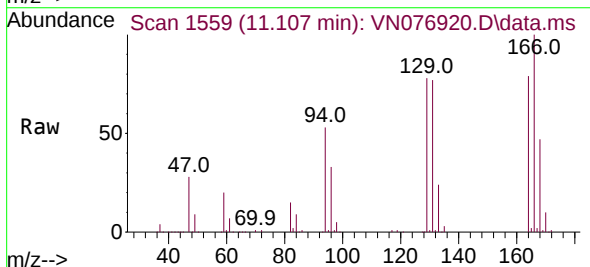
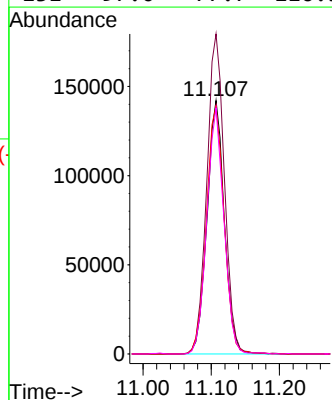
Manual Integrations
APPROVED

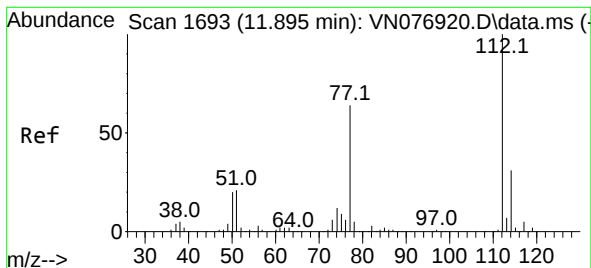
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 56.232 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion:164 Resp: 250938
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 98.0 81.5 122.3
131 97.0 77.7 116.5





#65

Chlorobenzene

Concen: 49.632 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:112 Resp: 643189

Ion Ratio Lower Upper

112 100

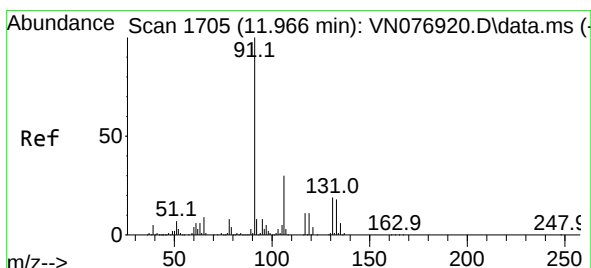
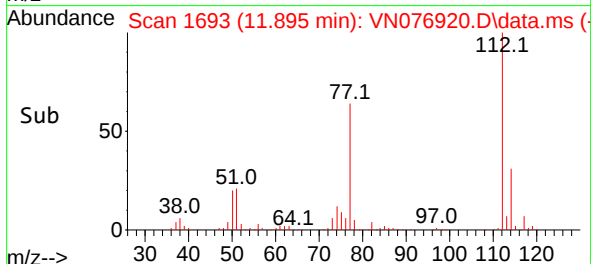
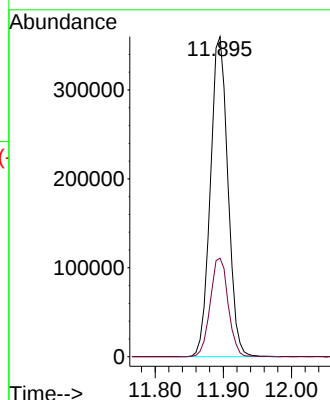
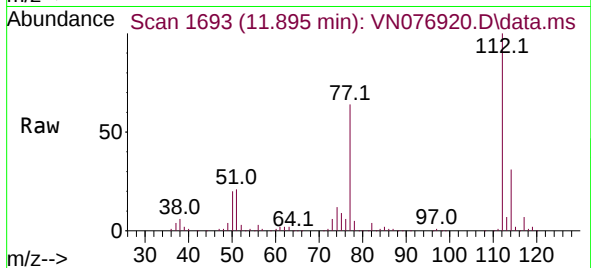
114 30.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 53.007 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

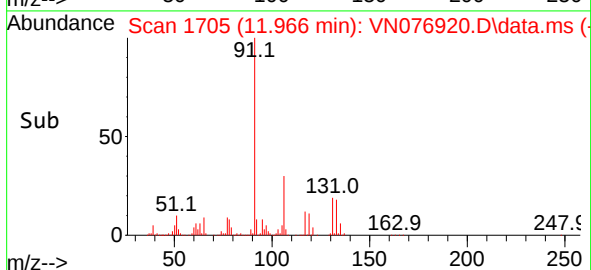
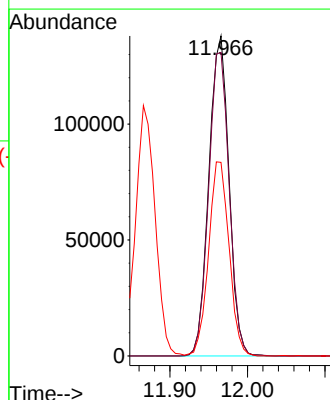
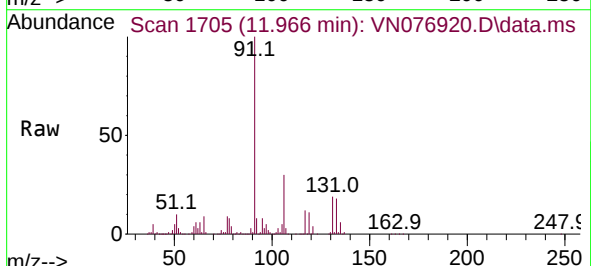
Tgt Ion:131 Resp: 248488

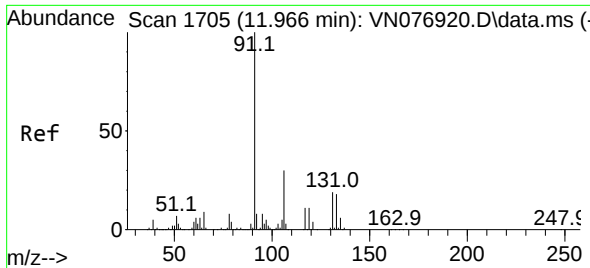
Ion Ratio Lower Upper

131 100

133 97.2 47.9 143.8

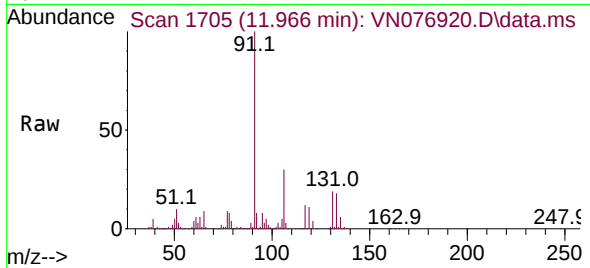
119 61.9 33.1 99.2





#67
Ethyl Benzene
Concen: 52.626 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

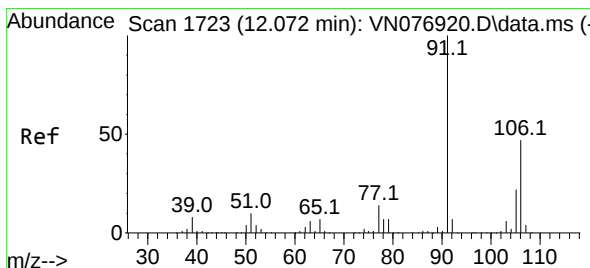
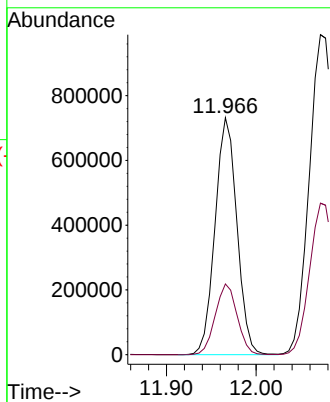
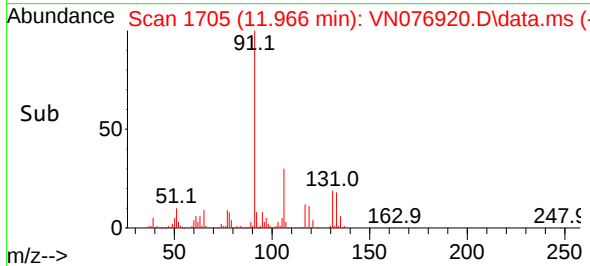
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



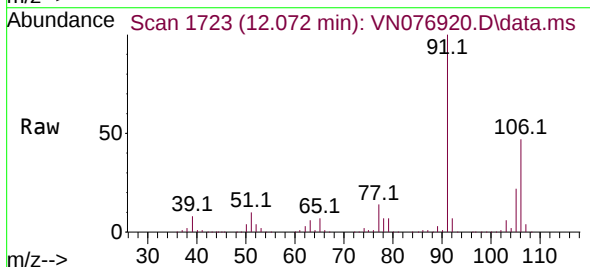
Tgt Ion: 91 Resp: 123833
Ion Ratio Lower Upper
91 100
106 29.8 25.1 37.7

Manual Integrations
APPROVED

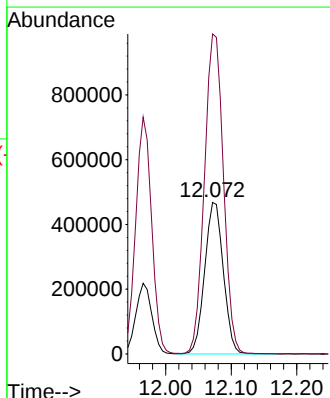
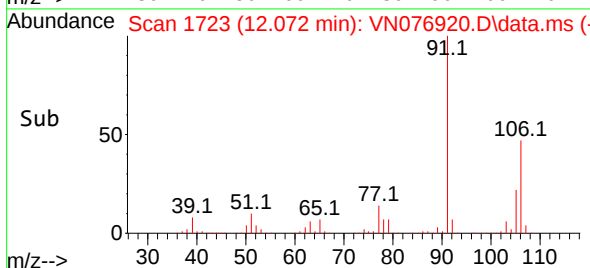
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

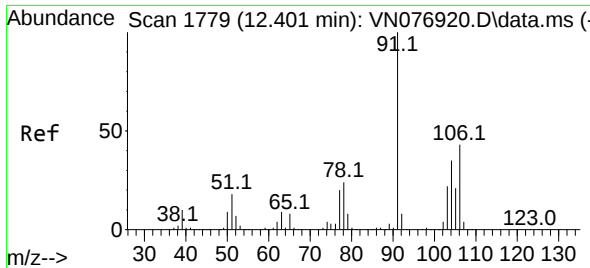


#68
m/p-Xylenes
Concen: 104.517 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion:106 Resp: 925295
Ion Ratio Lower Upper
106 100
91 215.4 158.0 237.0





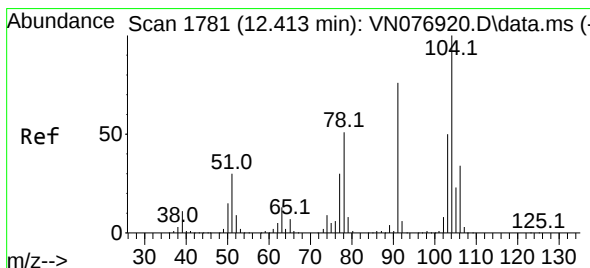
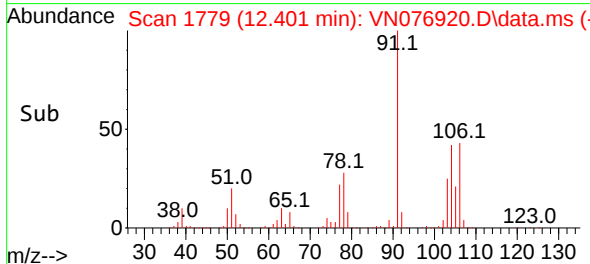
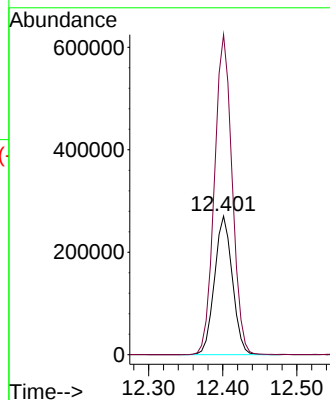
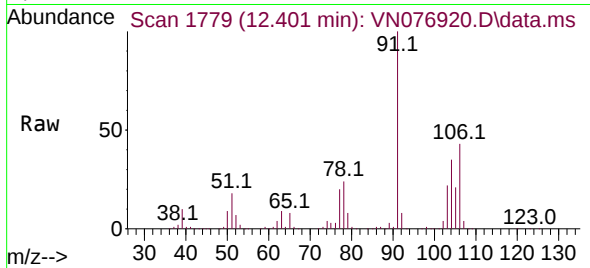
#69
o-Xylene
Concen: 51.920 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 452644
Ion Ratio Lower Upper
106 100
91 229.3 101.8 305.4

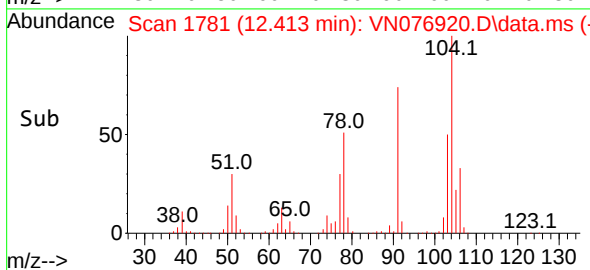
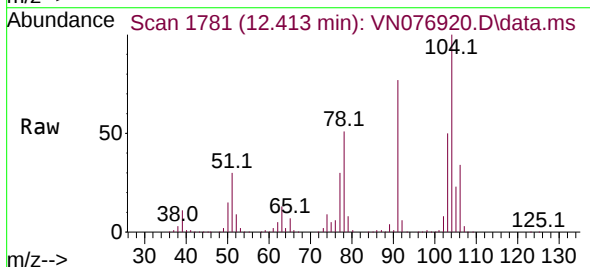
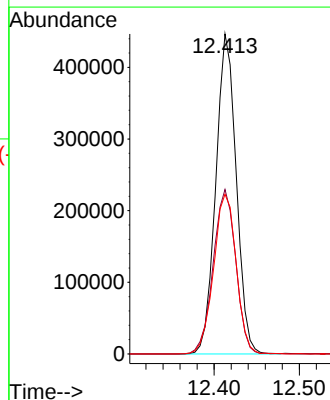
Manual Integrations
APPROVED

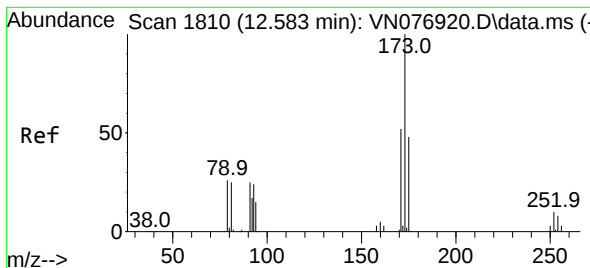
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 54.519 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion:104 Resp: 745213
Ion Ratio Lower Upper
104 100
78 56.6 36.6 55.0#
103 55.2 43.4 65.0





#71

Bromoform

Concen: 61.075 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 19488

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.6

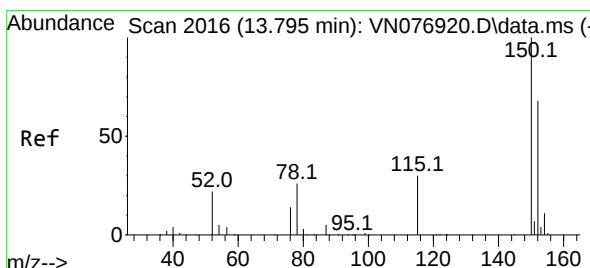
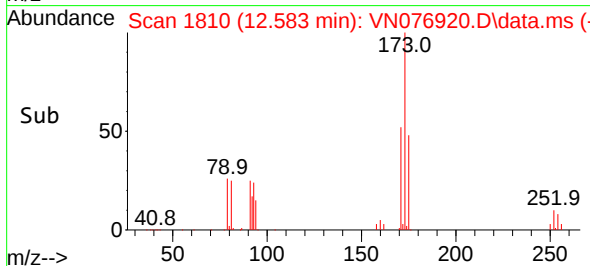
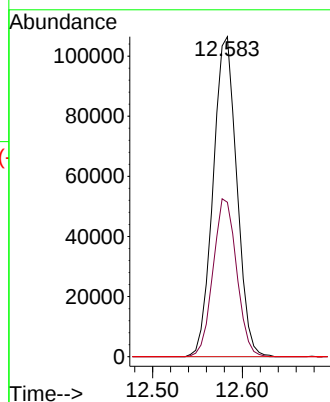
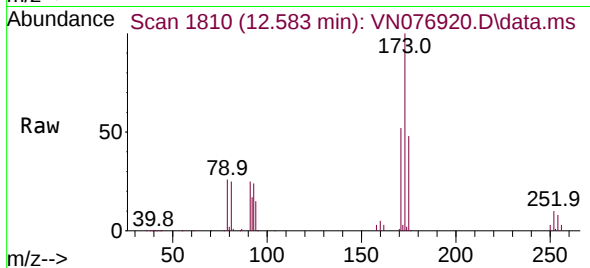
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

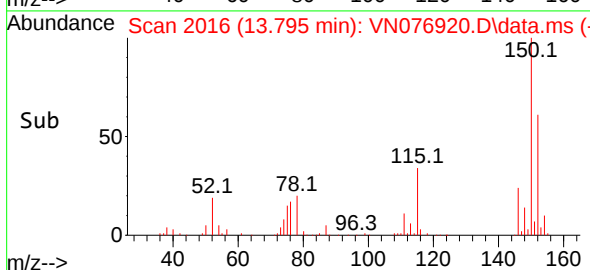
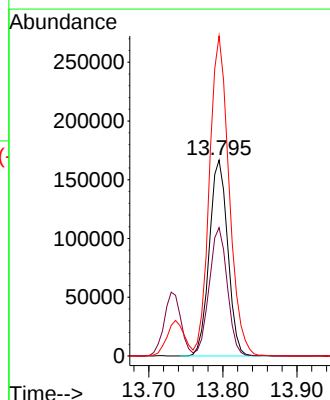
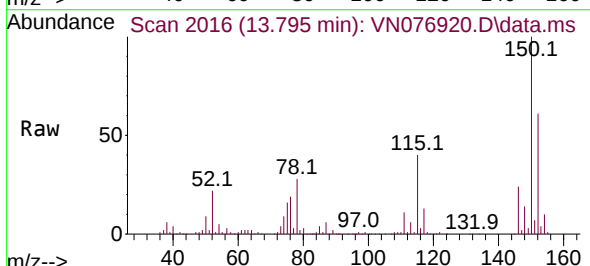
Tgt Ion:152 Resp: 287799

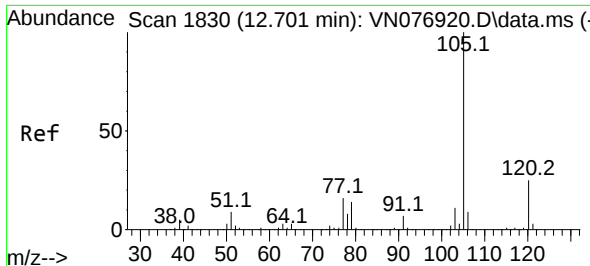
Ion Ratio Lower Upper

152 100

115 64.3 30.3 90.9

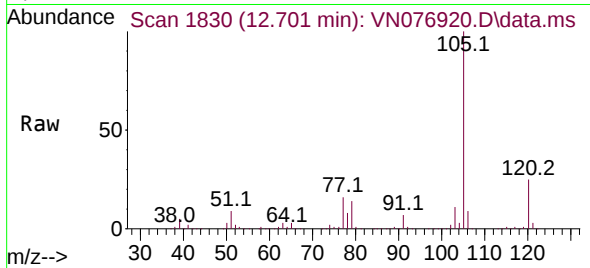
150 174.3 0.0 353.6





#73
Isopropylbenzene
Concen: 48.483 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

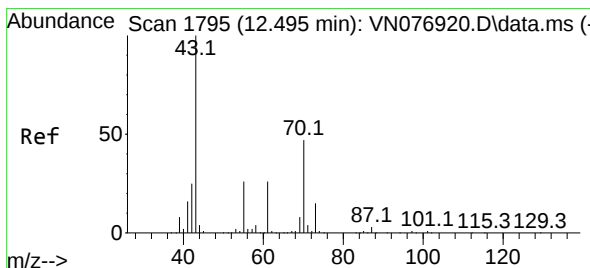
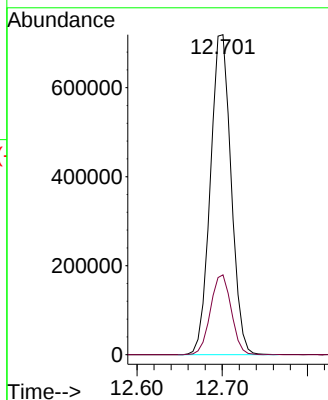
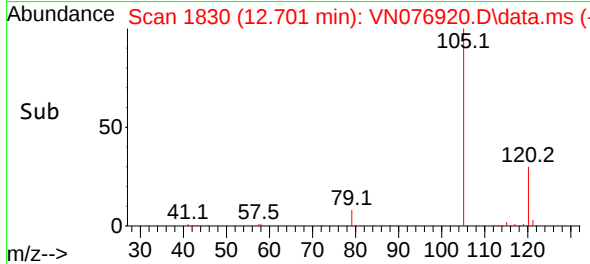
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



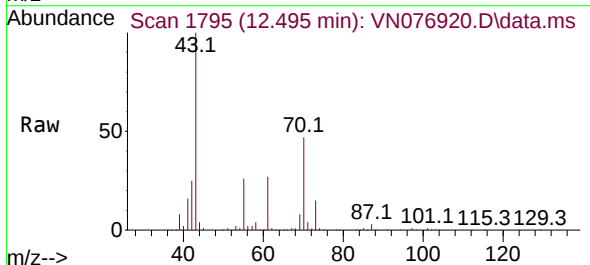
Tgt Ion:105 Resp: 121626
Ion Ratio Lower Upper
105 100
120 25.0 13.8 41.4

Manual Integrations
APPROVED

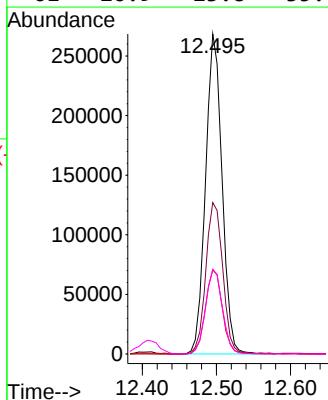
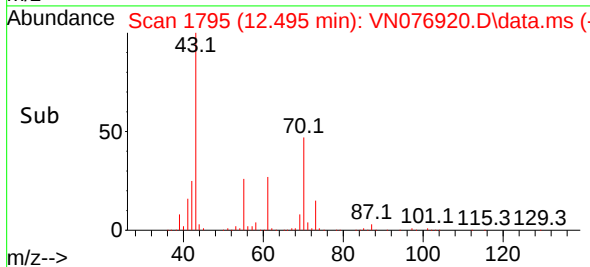
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

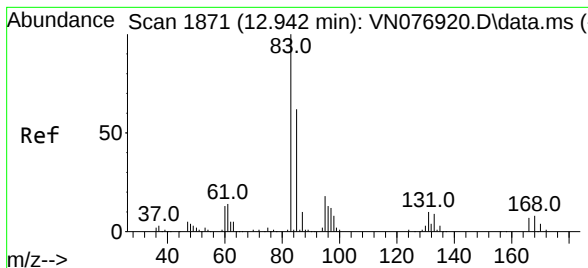


#74
N-ethyl acetate
Concen: 42.451 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion: 43 Resp: 416503
Ion Ratio Lower Upper
43 100
70 48.6 46.8 70.2
55 27.1 23.4 35.2
61 26.9 23.8 35.8





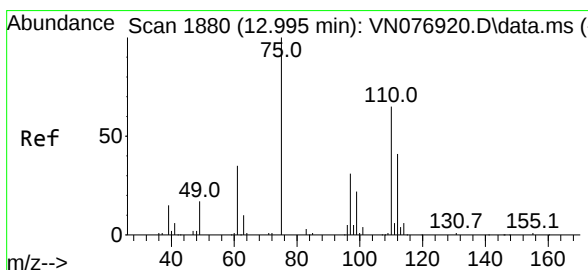
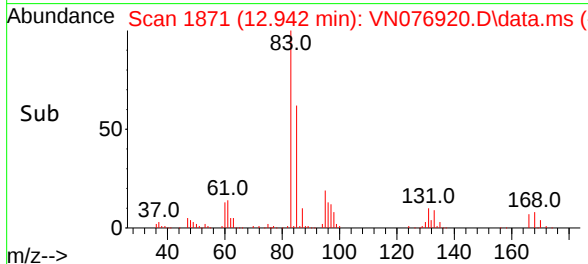
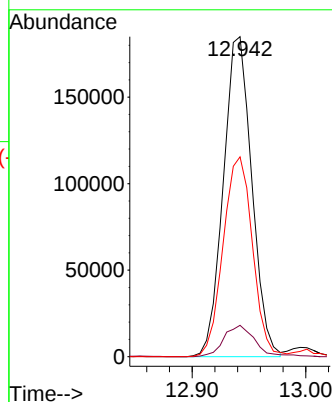
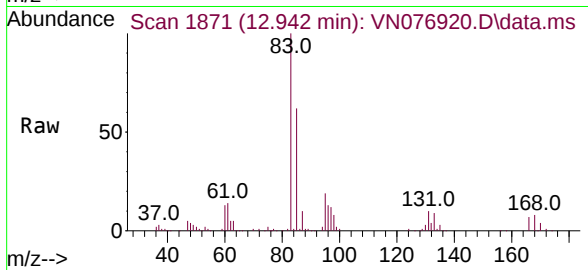
#75
1,1,2,2-Tetrachloroethane
Concen: 40.104 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 32242
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 64.4 32.0 96.0

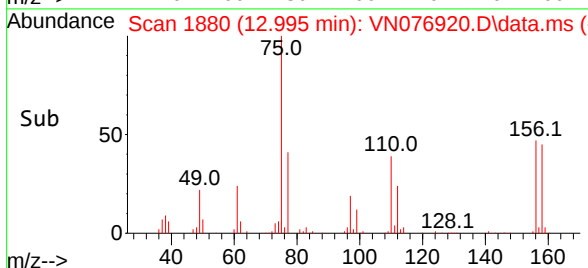
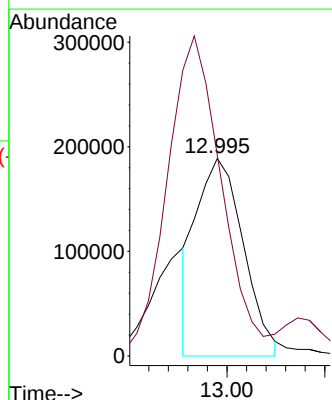
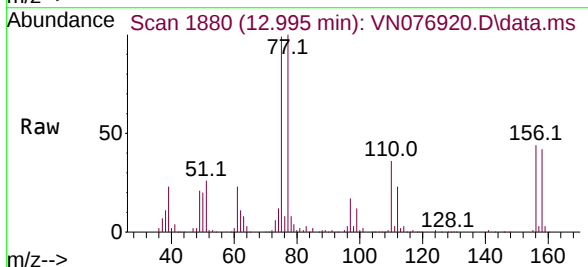
Manual Integrations
APPROVED

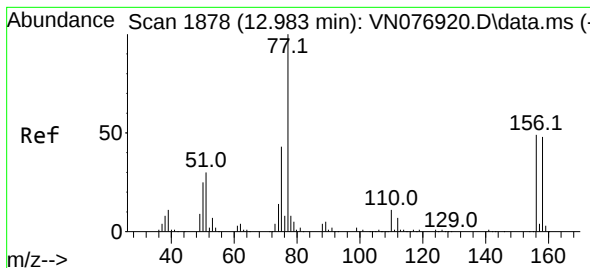
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#76
1,2,3-Trichloropropane
Concen: 43.257 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 75 Resp: 313968
Ion Ratio Lower Upper
75 100
77 187.6 93.8 281.4





#77

Bromobenzene

Concen: 47.166 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

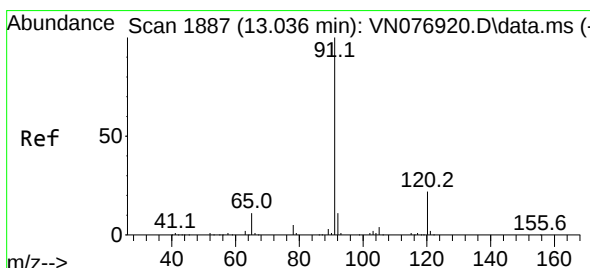
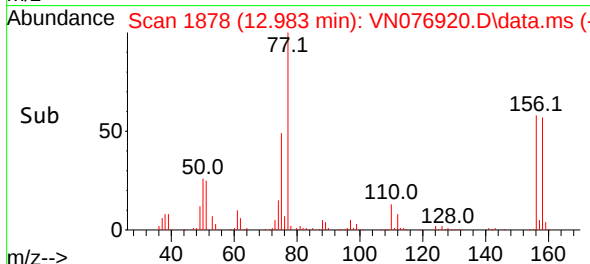
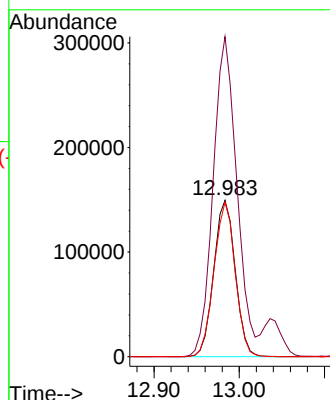
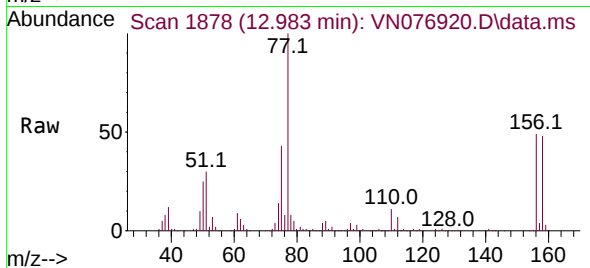
Tgt Ion:156 Resp: 261835
 Ion Ratio Lower Upper
 156 100
 77 224.9 101.3 303.7
 158 97.6 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#78

n-propylbenzene

Concen: 49.258 ug/l

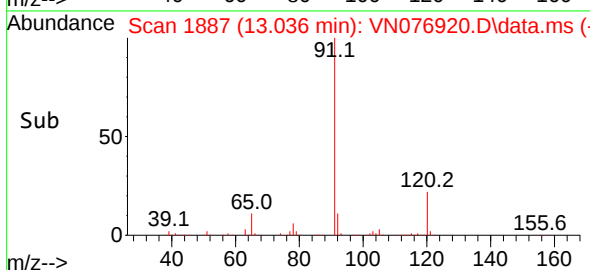
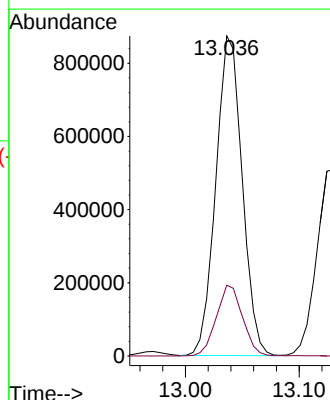
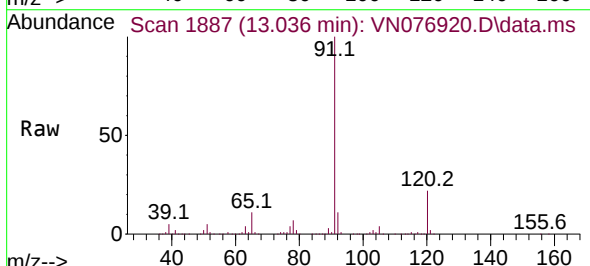
RT: 13.036 min Scan# 1887

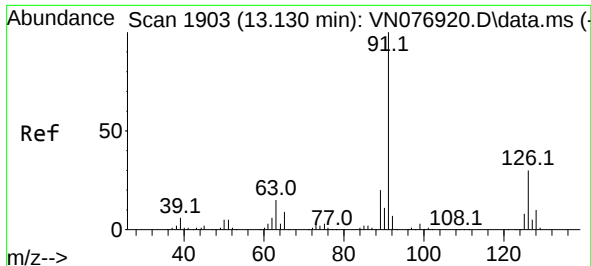
Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Tgt Ion: 91 Resp: 1409200
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.9 35.7





#79

2-Chlorotoluene

Concen: 47.570 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 87298

Ion Ratio Lower Upper

91 100

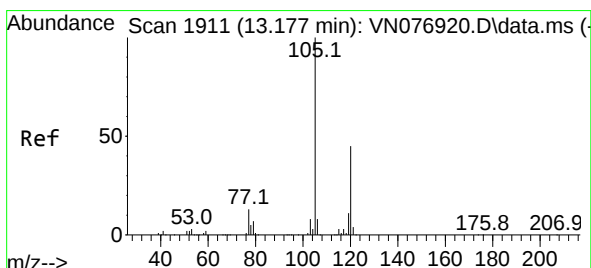
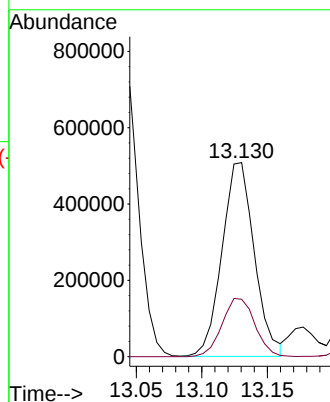
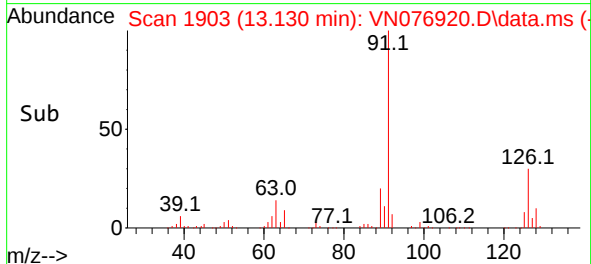
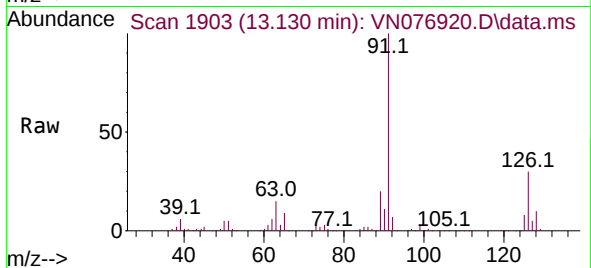
126 30.6 17.7 53.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#80

1,3,5-Trimethylbenzene

Concen: 51.279 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076920.D

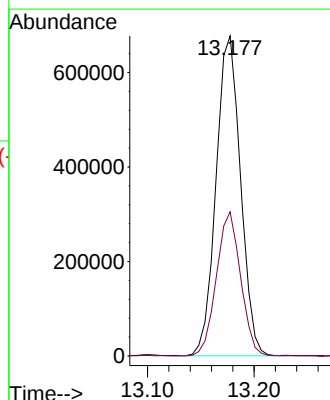
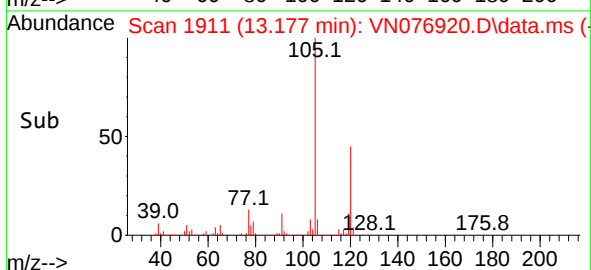
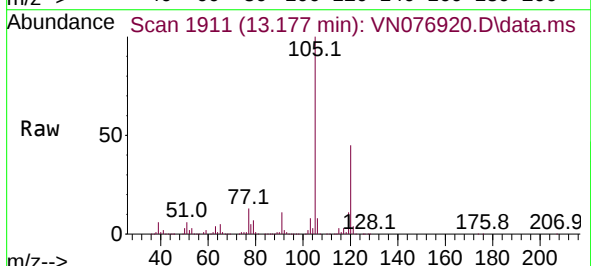
Acq: 10 Mar 2023 12:58

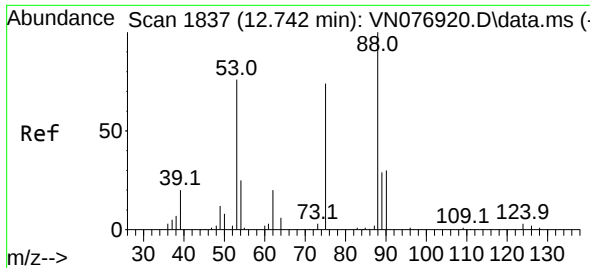
Tgt Ion:105 Resp: 1078174

Ion Ratio Lower Upper

105 100

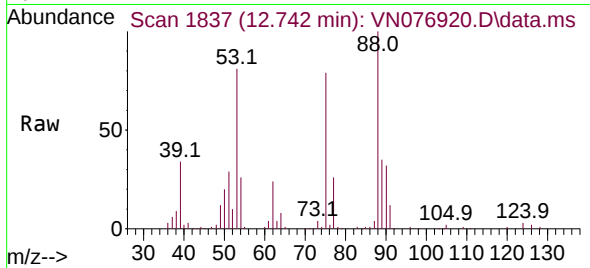
120 44.6 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.477 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

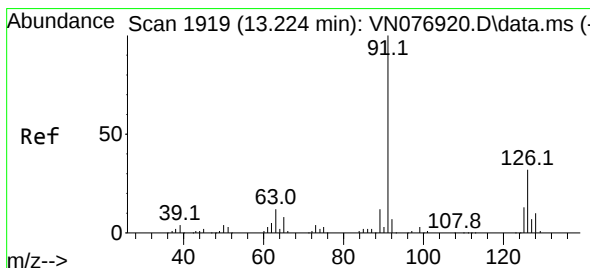
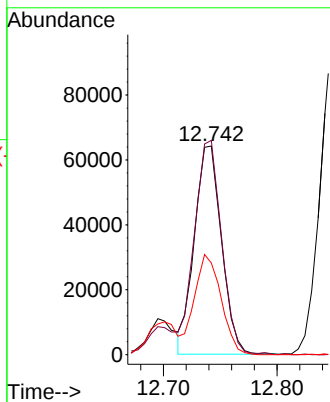
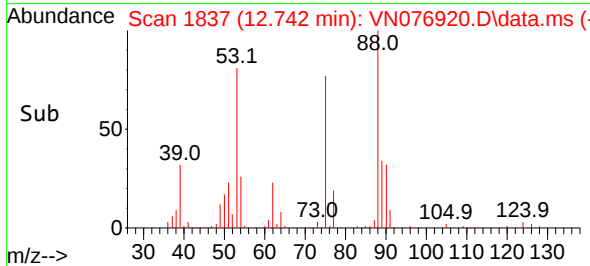
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 106688
Ion Ratio Lower Upper
75 100
53 102.7 67.4 101.0
89 47.9 39.5 59.3

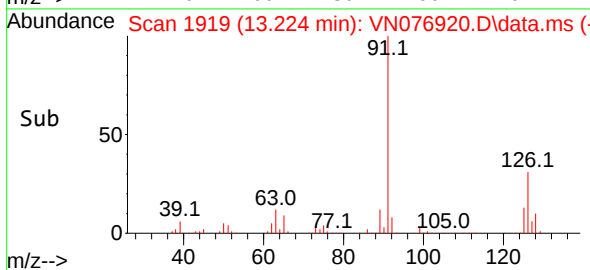
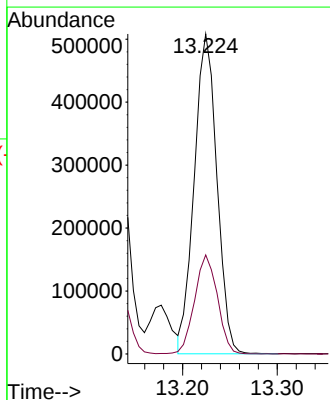
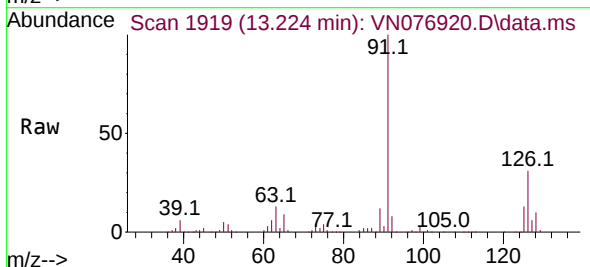
Manual Integrations
APPROVED

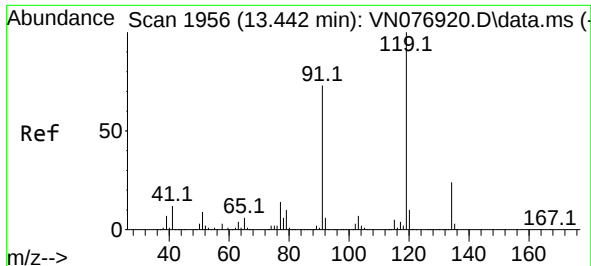
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 48.439 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 91 Resp: 842731
Ion Ratio Lower Upper
91 100
126 31.2 18.0 54.0





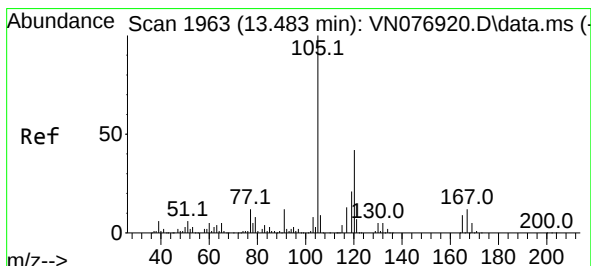
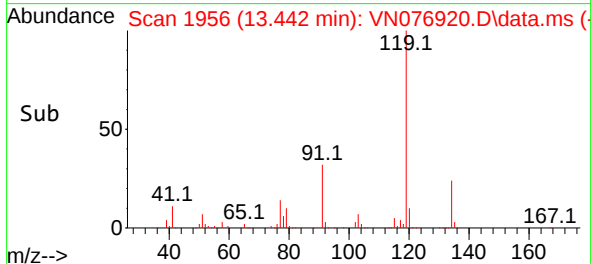
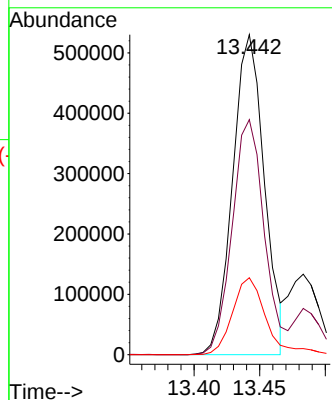
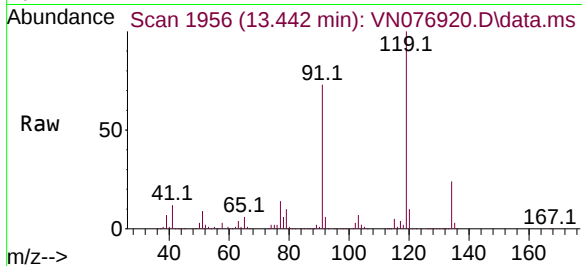
#83
tert-Butylbenzene
Concen: 49.726 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 89344
Ion Ratio Lower Upper
119 100
91 74.7 31.9 95.5
134 25.5 13.8 41.4

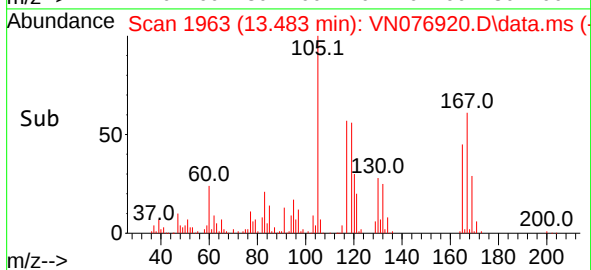
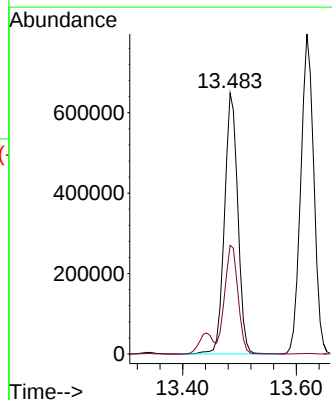
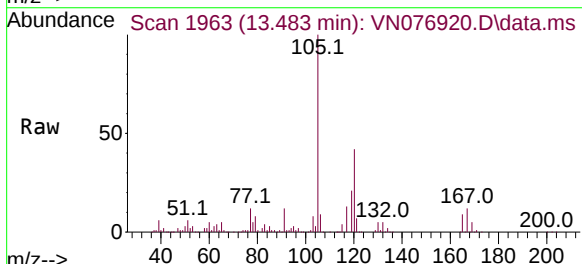
Manual Integrations
APPROVED

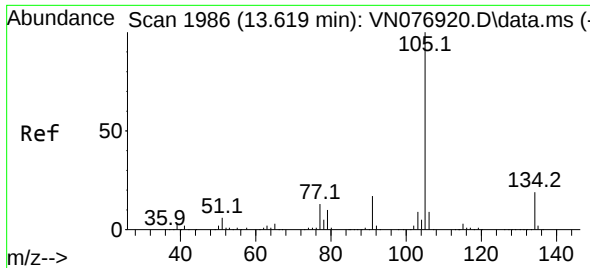
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.076 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion:105 Resp: 1059318
Ion Ratio Lower Upper
105 100
120 41.6 23.6 70.8





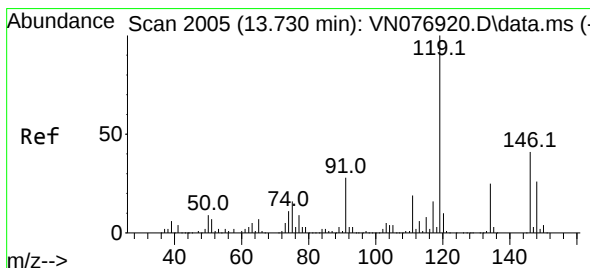
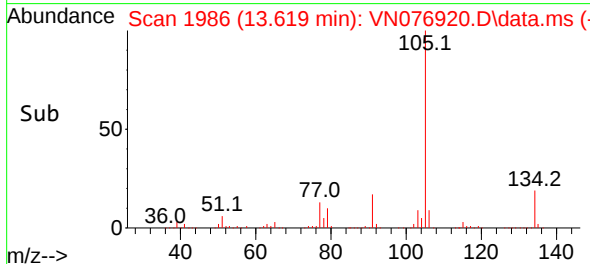
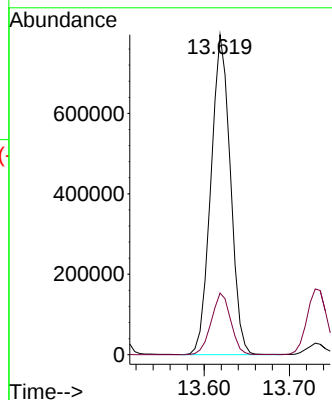
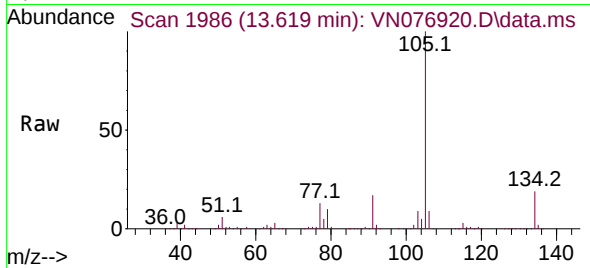
#85
 sec-Butylbenzene
 Concen: 50.402 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN076920.D
 Acq: 10 Mar 2023 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 126435
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.2

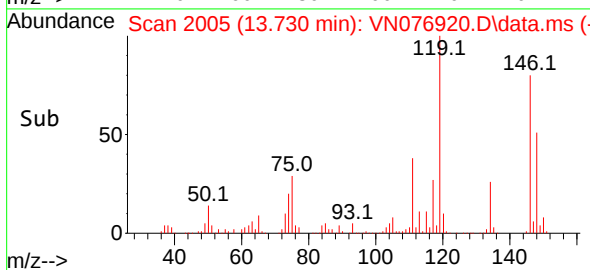
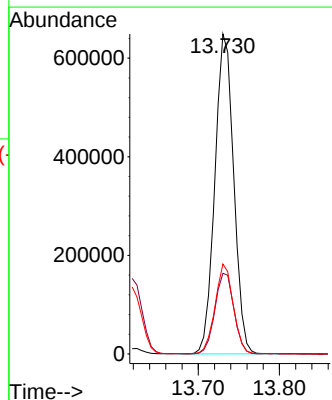
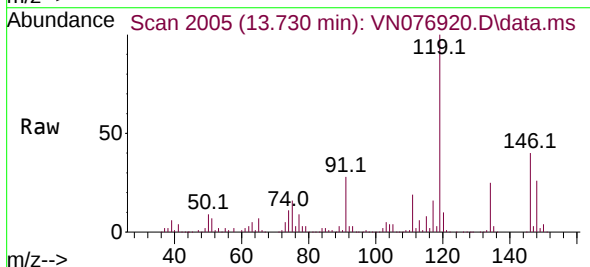
Manual Integrations
 APPROVED

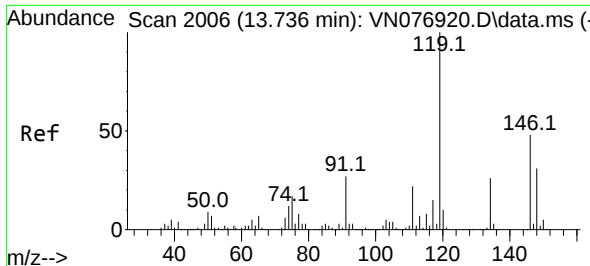
Reviewed By :John Carbone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 52.124 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076920.D
 Acq: 10 Mar 2023 12:58

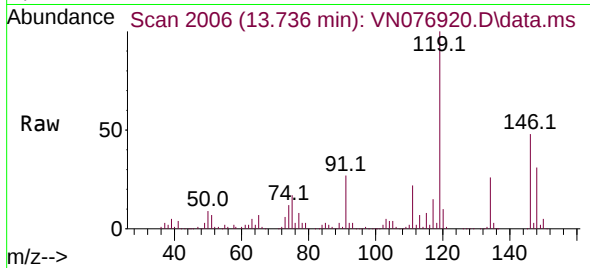
Tgt Ion:119 Resp: 1045824
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.5 40.5
 91 27.0 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 48.821 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

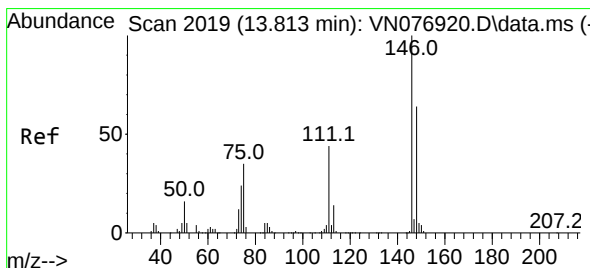
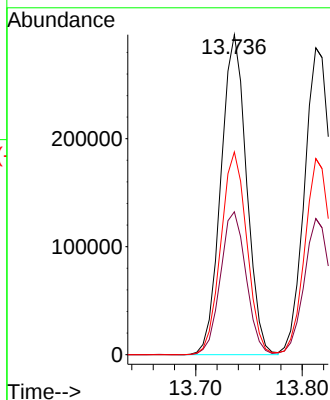
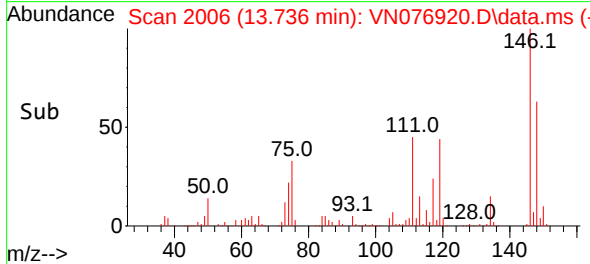
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



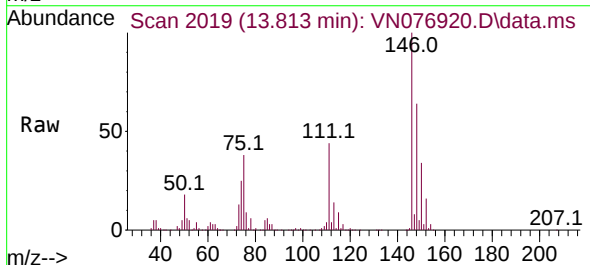
Tgt Ion:146 Resp: 494860
Ion Ratio Lower Upper
146 100
111 44.7 20.4 61.2
148 64.1 31.5 94.5

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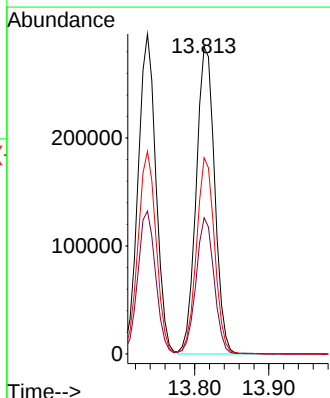
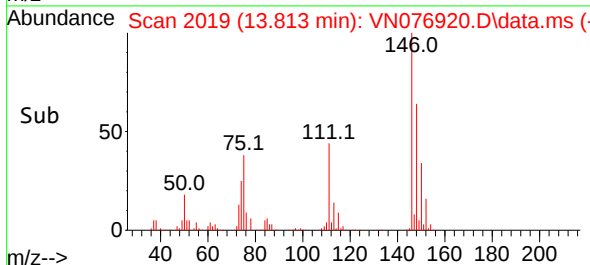
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

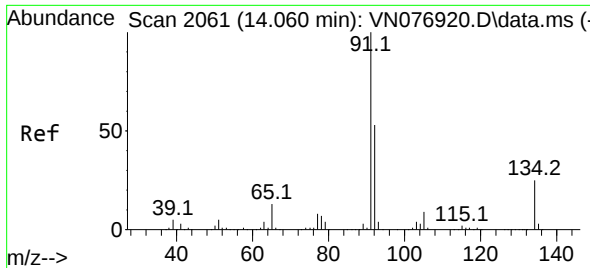


#88
1,4-Dichlorobenzene
Concen: 47.933 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58



Tgt Ion:146 Resp: 493346
Ion Ratio Lower Upper
146 100
111 43.5 20.0 60.0
148 62.7 31.8 95.4





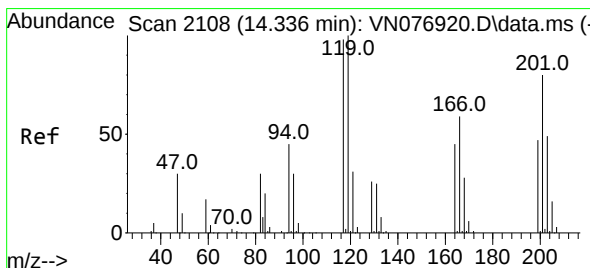
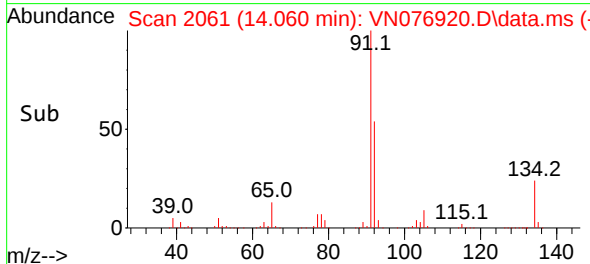
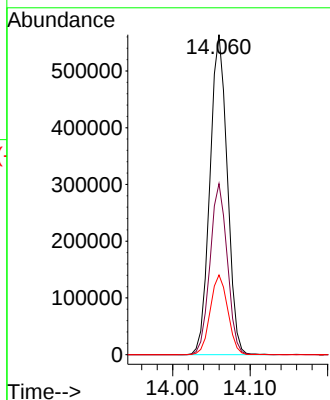
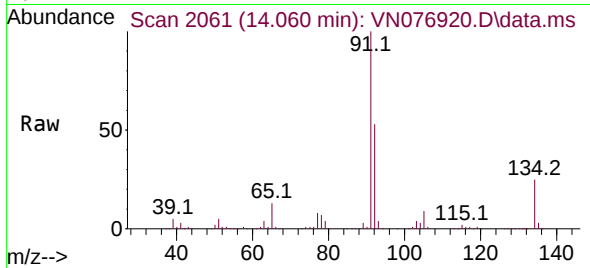
#89
n-Butylbenzene
Concen: 50.681 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 87849
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 25.2 13.6 40.7

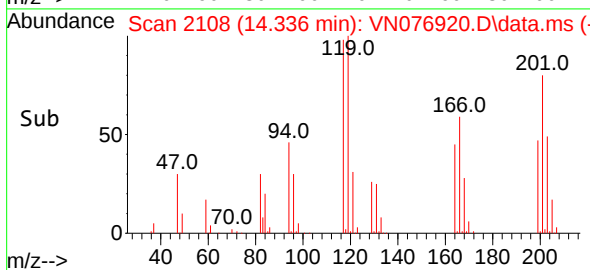
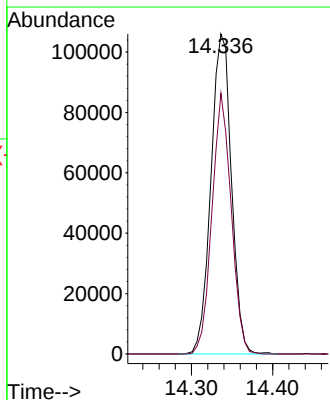
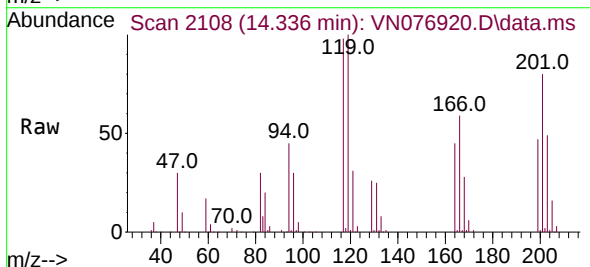
Manual Integrations
APPROVED

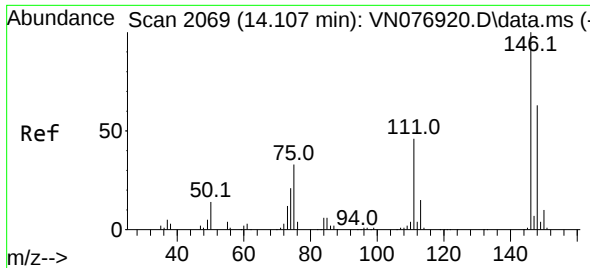
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 51.377 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

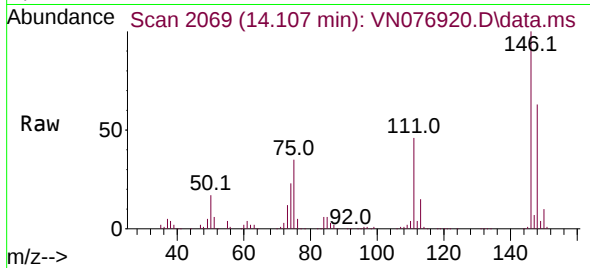
Tgt Ion:117 Resp: 186249
Ion Ratio Lower Upper
117 100
201 76.2 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 47.548 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

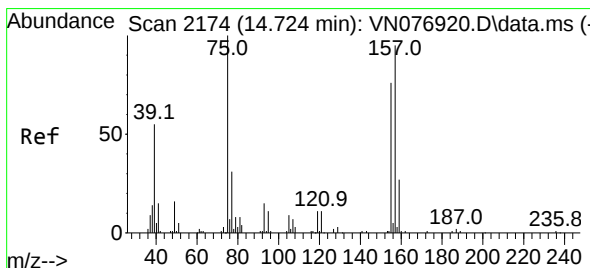
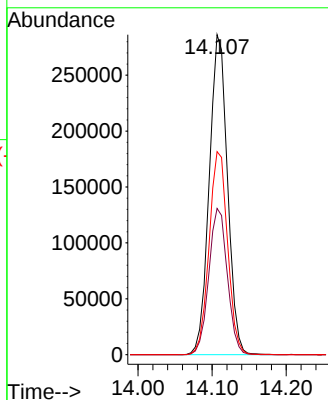
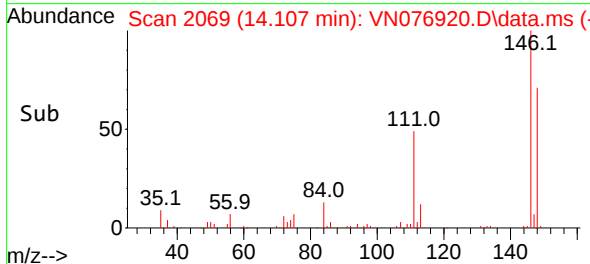
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 488204
Ion Ratio Lower Upper
146 100
111 46.5 21.4 64.2
148 64.4 32.0 96.0

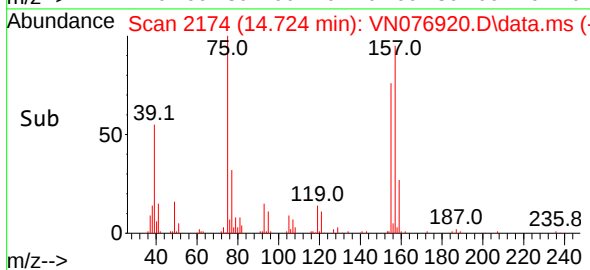
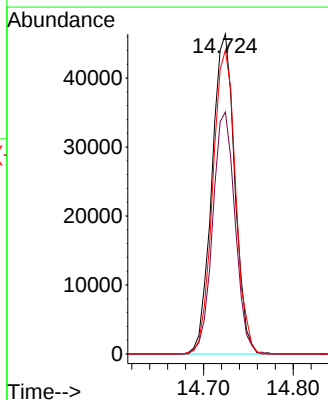
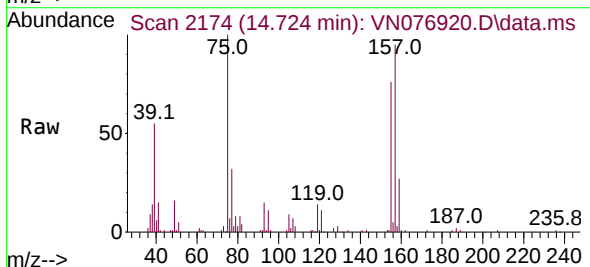
Manual Integrations
APPROVED

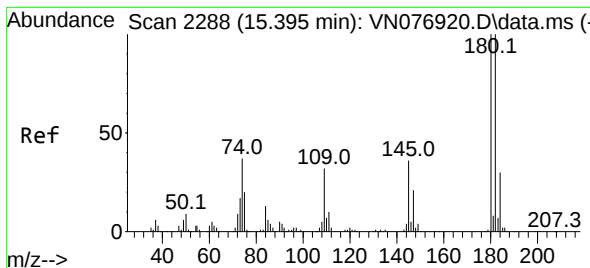
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.741 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076920.D
Acq: 10 Mar 2023 12:58

Tgt Ion: 75 Resp: 81871
Ion Ratio Lower Upper
75 100
155 74.0 44.3 132.8
157 94.6 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 56.262 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076920.D

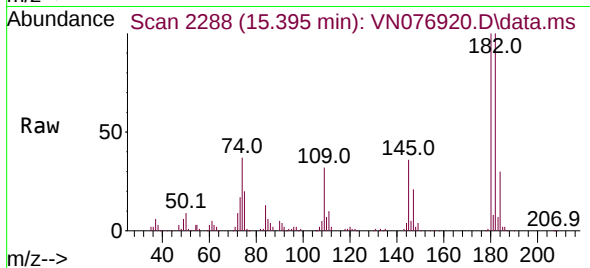
Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



Tgt Ion:180 Resp: 289000

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

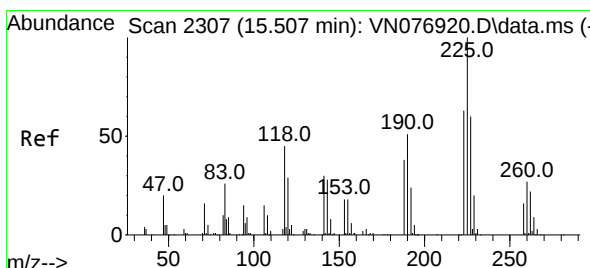
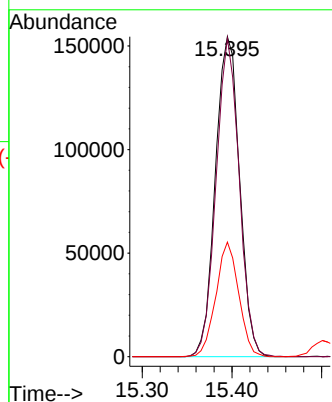
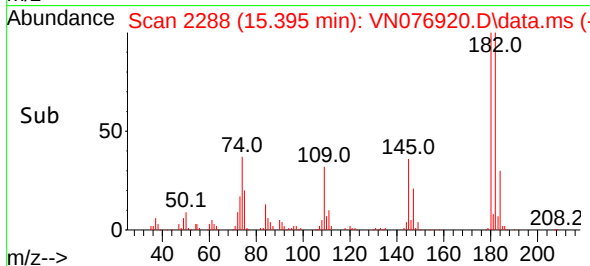
145 33.8 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#94

Hexachlorobutadiene

Concen: 59.091 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

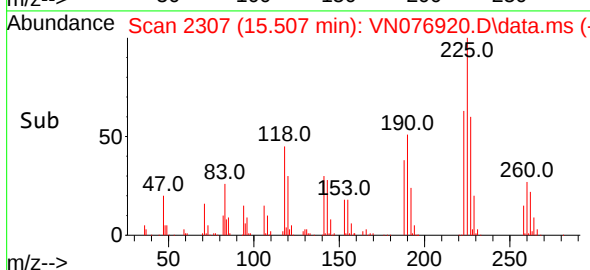
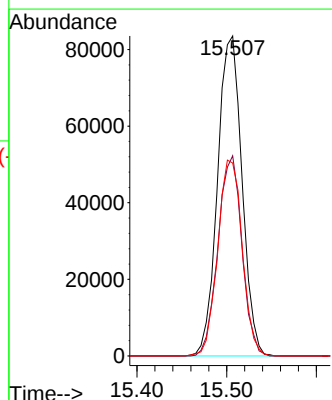
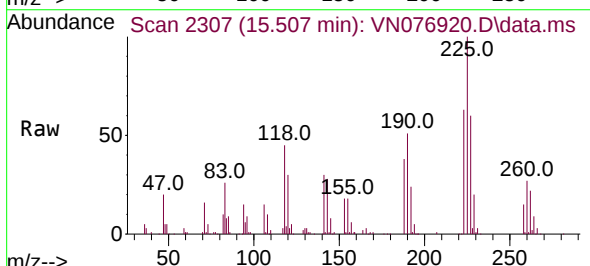
Tgt Ion:225 Resp: 158042

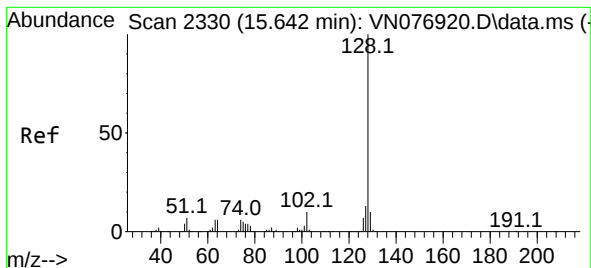
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.0

227 61.3 30.9 92.7





#95

Naphthalene

Concen: 55.802 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

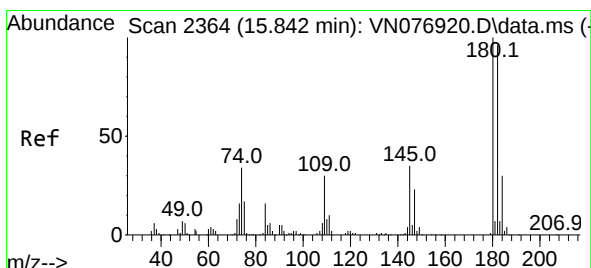
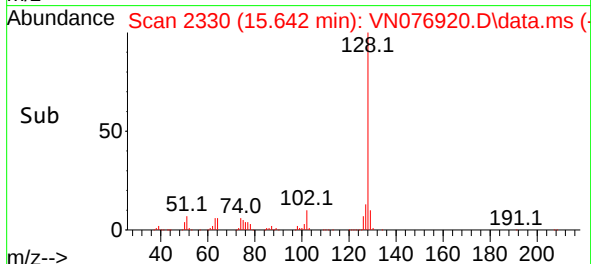
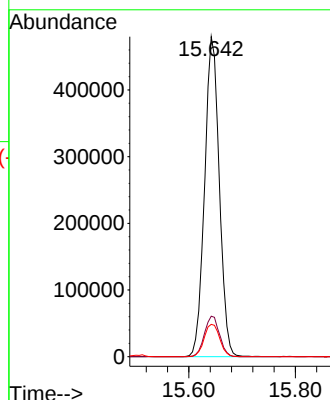
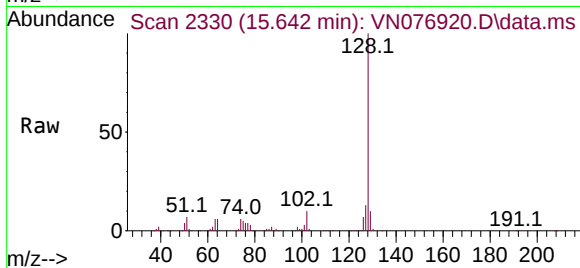
Tgt Ion:	128	Resp:	918139
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 56.527 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076920.D

Acq: 10 Mar 2023 12:58

Tgt Ion:	180	Resp:	285391
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.7	143.1
145	35.6	17.0	51.0

