

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076683.D
 Acq On : 15 Feb 2023 13:30
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021523

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2023
 Supervised By : Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 01:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	36099	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	267509	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	300879	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	106369	32.217	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.400%			
60) 4-Bromofluorobenzene	12.854	95	159007	29.878	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.600%			
63) Toluene-d8	10.572	98	313491	29.746	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	82380	21.565	ug/l	100
3) Chloromethane	2.372	50	98730	21.047	ug/l	99
4) Vinyl Chloride	2.525	62	106335	21.239	ug/l	97
5) Bromomethane	2.961	94	76552	22.146	ug/l	100
6) Chloroethane	3.131	64	66628	20.521	ug/l	97
7) Trichlorofluoromethane	3.513	101	130870	20.969	ug/l	95
8) Diethyl Ether	3.972	74	55253	22.312	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.384	101	76400	20.142	ug/l	97
10) 1,1-Dichloroethene	4.355	96	75058	21.069	ug/l	97
11) Methyl Iodide	4.602	142	87581	19.701	ug/l	89
12) Methyl Acetate	5.037	43	154924	21.212	ug/l	95
13) Acrolein	4.190	56	75391	86.913	ug/l	97
14) Acrylonitrile	5.731	53	234693	104.708	ug/l	98
15) Acetone	4.437	58	78197	107.754	ug/l	94
16) Carbon Disulfide	4.719	76	201431	20.158	ug/l	99
17) Allyl chloride	5.031	41	128196	20.103	ug/l	96
18) Methylene Chloride	5.290	84	92153	20.493	ug/l	93
19) trans-1,2-Dichloroethene	5.796	96	79564	19.914	ug/l	94
20) Diisopropyl ether	6.684	45	316280	20.975	ug/l	96
21) 1,1-Dichloroethane	6.578	63	169348	21.470	ug/l	98
22) cis-1,2-Dichloroethene	7.496	96	97840	21.344	ug/l	98
23) tert-Butyl Alcohol	5.531	59	71167	109.863	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	259052	21.016	ug/l	100
25) Chloroform	7.978	83	162420	20.999	ug/l	92
26) Cyclohexane	8.266	56	151211	21.450	ug/l #	94
29) 1,1-Dichloropropene	8.378	75	125234	20.523	ug/l	99
30) 2-Butanone	7.490	43	351617	98.787	ug/l	100
31) 2,2-Dichloropropane	7.501	77	129661	20.332	ug/l #	88
32) 1,1,1-Trichloroethane	8.178	97	141031	19.909	ug/l	96
33) Carbon Tetrachloride	8.372	117	121412	19.781	ug/l	92
34) Benzene	8.613	78	384726	19.749	ug/l	99
35) Methacrylonitrile	7.790	41	73955	19.048	ug/l	94
36) 1,2-Dichloroethane	8.678	62	131270	20.132	ug/l	99
37) Trichloroethene	9.354	130	86945	19.191	ug/l	97
38) Methylcyclohexane	9.607	83	155883	20.300	ug/l	99
39) 1,2-Dichloropropane	9.631	63	101019	19.953	ug/l	88
40) Dibromomethane	9.713	93	62482	19.351	ug/l	95
41) Bromodichloromethane	9.895	83	125680	19.405	ug/l #	99
42) Vinyl Acetate	6.613	43	1049107	101.705	ug/l	99

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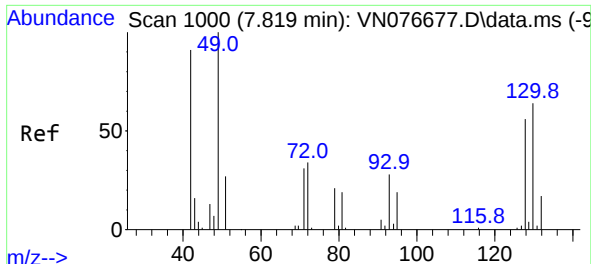
Manual Integrations
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 Supervised By : Mahesh Dadoda 02/18/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	139224	20.531	ug/l	100
44) Isopropyl Acetate	8.695	43	226076	20.253	ug/l	99
45) 1,4-Dioxane	9.695	88	37200	393.749	ug/l	99
46) Methyl methacrylate	9.684	41	107190	20.918	ug/l	94
47) n-amyl Acetate	12.495	43	196311	19.915	ug/l	99
48) t-1,3-Dichloropropene	10.837	75	131138	19.963	ug/l	96
49) cis-1,3-Dichloropropene	10.319	75	144669	19.350	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	91139	19.417	ug/l	92
51) Ethyl methacrylate	10.878	69	134734	19.771	ug/l	96
52) 1,3-Dichloropropane	11.166	76	157238	19.486	ug/l	99
53) Dibromochloromethane	11.360	129	95057	19.716	ug/l	96
54) 1,2-Dibromoethane	11.472	107	91118	19.942	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	254655	84.293	ug/l	99
56) Bromoform	12.583	173	62916	18.948	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	710849	99.335	ug/l	99
59) 2-Hexanone	11.195	43	530230	99.615	ug/l	99
61) Tetrachloroethene	11.107	164	74658	19.649	ug/l	94
62) Toluene	10.631	91	415690	19.769	ug/l	99
64) Chlorobenzene	11.895	112	249713	19.933	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	87550	19.064	ug/l	95
66) Ethyl Benzene	11.966	91	450896	20.171	ug/l	99
67) m/p-Xylenes	12.078	106	351477	40.208	ug/l	99
68) o-Xylene	12.401	106	171992	19.966	ug/l	96
69) Styrene	12.413	104	279039	20.177	ug/l	99
70) Isopropylbenzene	12.701	105	444206	20.212	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	137745	19.158	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	118565m	18.720	ug/l	
73) Bromobenzene	12.983	156	98148	19.247	ug/l	93
74) n-propylbenzene	13.036	91	529878	20.244	ug/l	98
75) 2-Chlorotoluene	13.130	91	317896	20.410	ug/l	99
76) 1,3,5-Trimethylbenzene	13.178	105	377854	20.615	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	39064	19.197	ug/l	97
78) 4-Chlorotoluene	13.225	91	302635	20.268	ug/l	100
79) tert-butylbenzene	13.442	119	330346	20.356	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	379296	20.841	ug/l	100
81) sec-Butylbenzene	13.619	105	486036	20.856	ug/l	100
82) p-Isopropyltoluene	13.730	119	385177	20.386	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	195944	20.110	ug/l	100
84) 1,4-Dichlorobenzene	13.813	146	192269	20.231	ug/l	98
85) n-Butylbenzene	14.060	91	332506	20.764	ug/l	98
86) Hexachloroethane	14.342	117	70562	19.292	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	195214	19.925	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.725	75	25790	19.350	ug/l	93
89) 1,2,4-Trichlorobenzene	15.395	180	96224	19.252	ug/l	97
90) Hexachlorobutadiene	15.507	225	46671	19.383	ug/l	99
91) Naphthalene	15.642	128	325607	20.261	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	98097	19.337	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



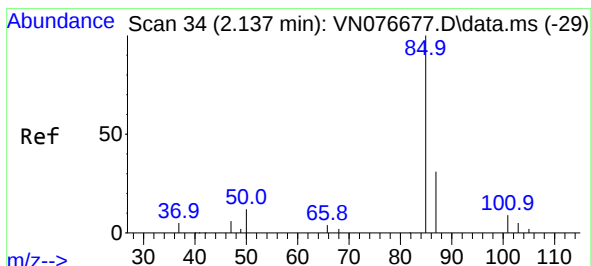
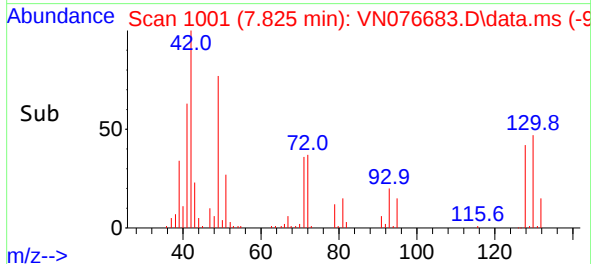
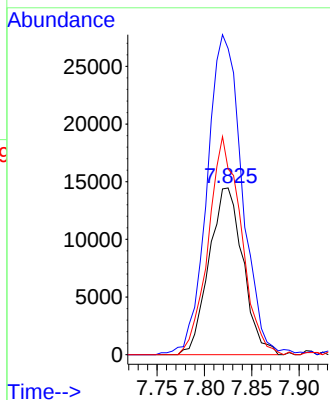
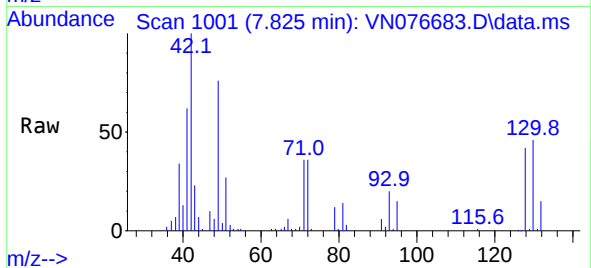
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

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ICVVN021523

Tgt Ion:128 Resp: 36099
Ion Ratio Lower Upper
128 100
49 197.3 0.0 461.8
130 125.7 0.0 295.3

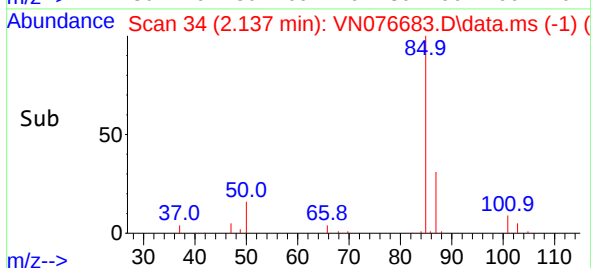
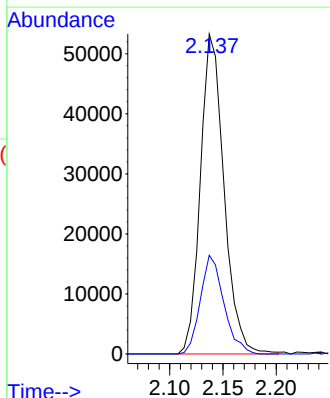
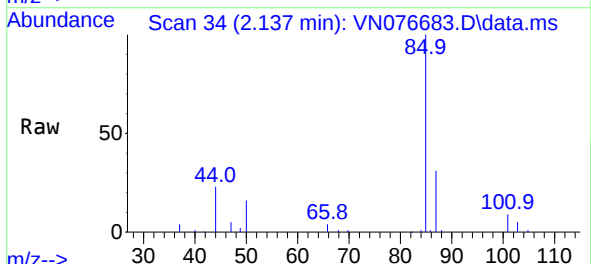
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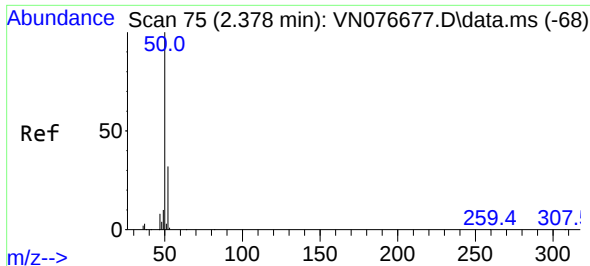
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 21.565 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

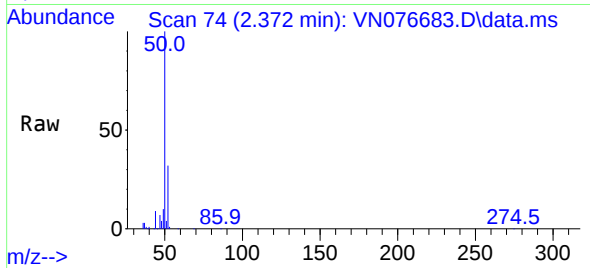
Tgt Ion: 85 Resp: 82380
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.1





#3
Chloromethane
Concen: 21.047 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

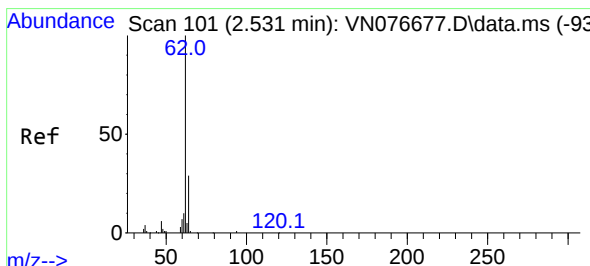
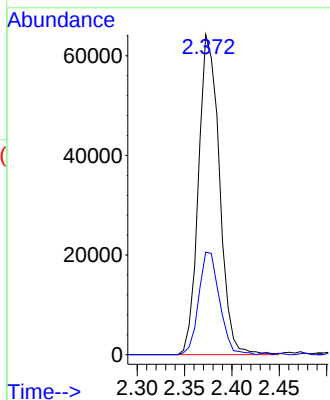
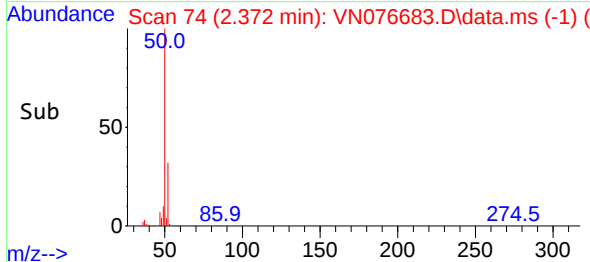
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



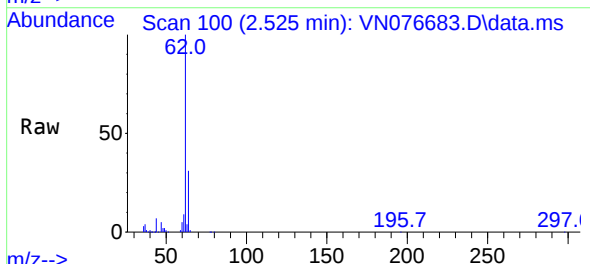
Tgt Ion: 50 Resp: 98730
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9

Manual Integrations
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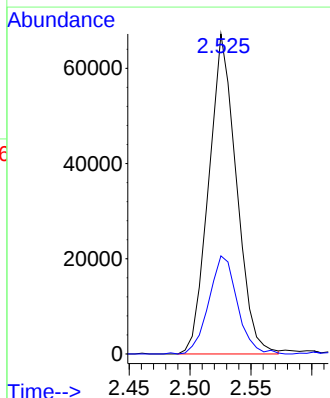
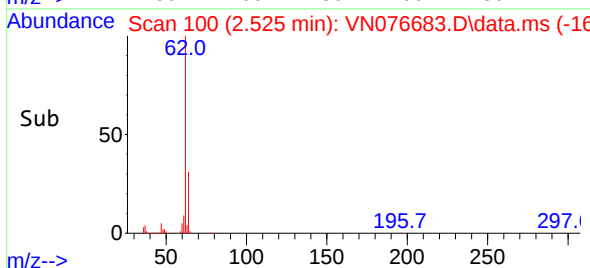
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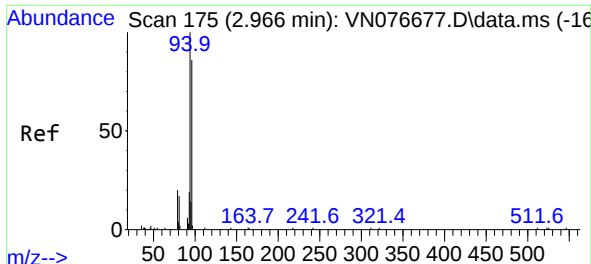


#4
Vinyl Chloride
Concen: 21.239 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



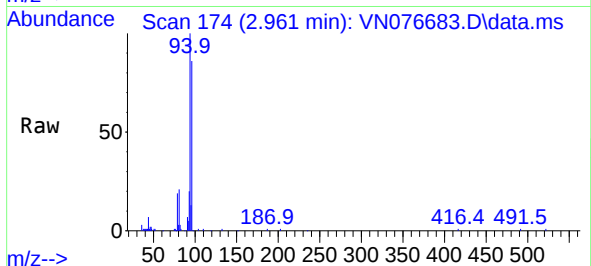
Tgt Ion: 62 Resp: 106335
Ion Ratio Lower Upper
62 100
64 30.6 23.1 34.7





#5
Bromomethane
Concen: 22.146 ug/l
RT: 2.961 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

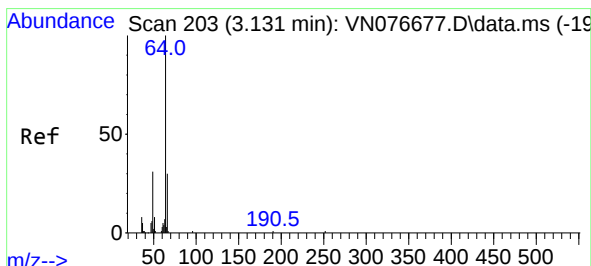
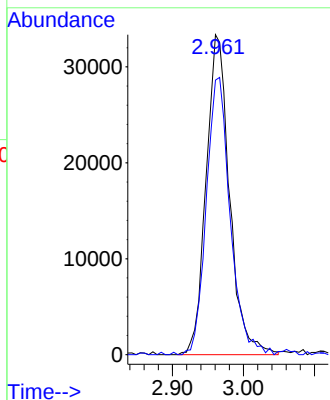
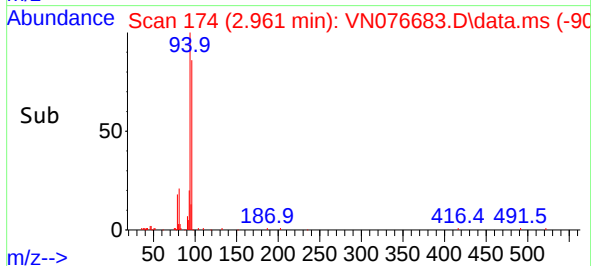
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion: 94 Resp: 76552
Ion Ratio Lower Upper
94 100
96 85.8 68.6 103.0

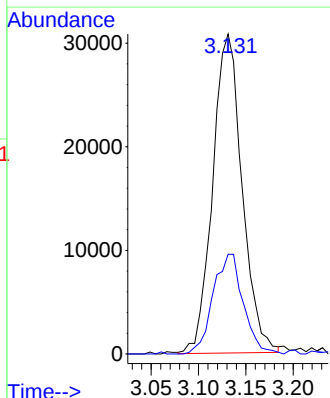
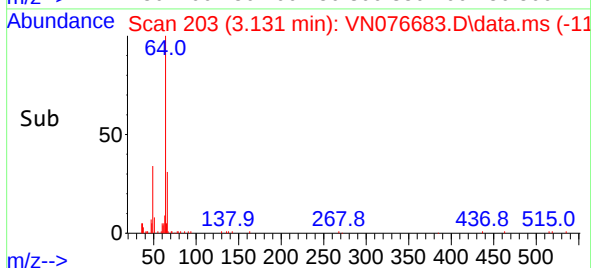
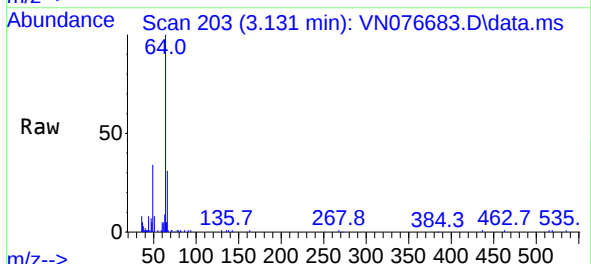
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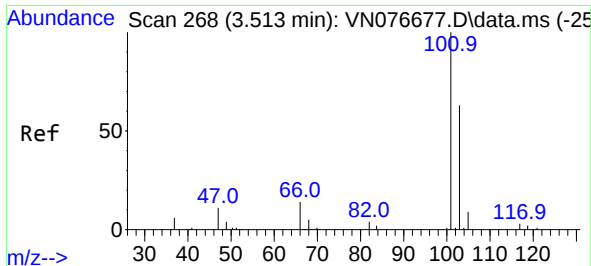
Reviewed By :John Carlone 02/16/2023
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#6
Chloroethane
Concen: 20.521 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion: 64 Resp: 66628
Ion Ratio Lower Upper
64 100
66 31.3 23.8 35.6





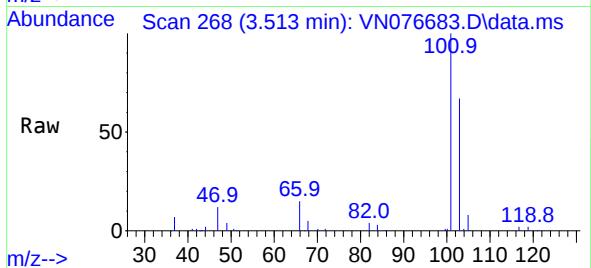
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Trichlorofluoromethane
Concen: 20.969 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523

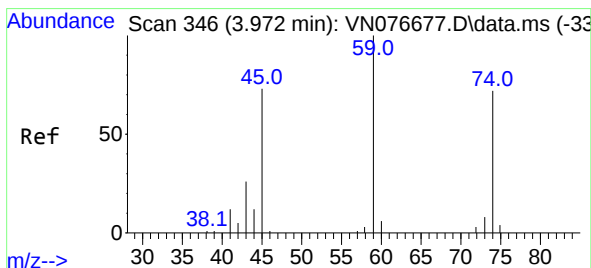
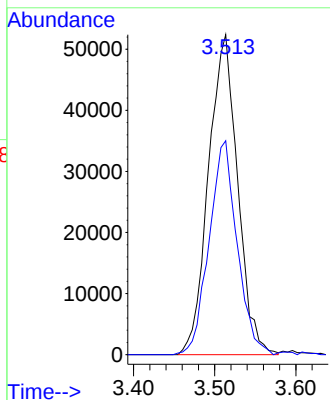
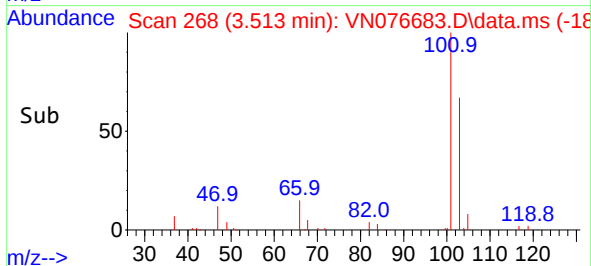


Tgt Ion:101 Resp: 130870
Ion Ratio Lower Upper
101 100
103 66.3 50.2 75.2

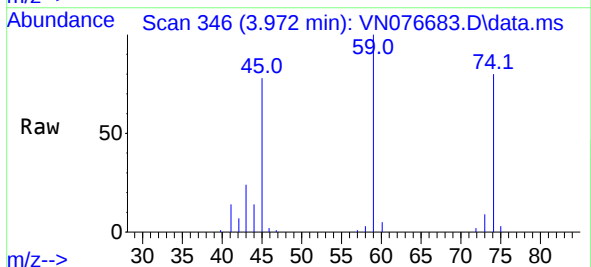
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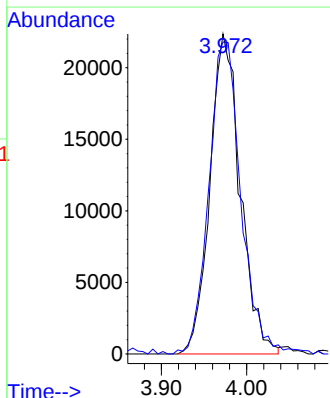
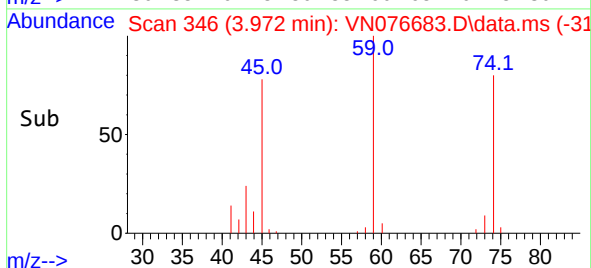
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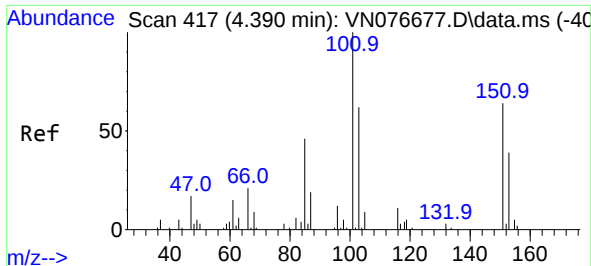


#8
Diethyl Ether
Concen: 22.312 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion: 74 Resp: 55253
Ion Ratio Lower Upper
74 100
45 102.8 21.4 193.0





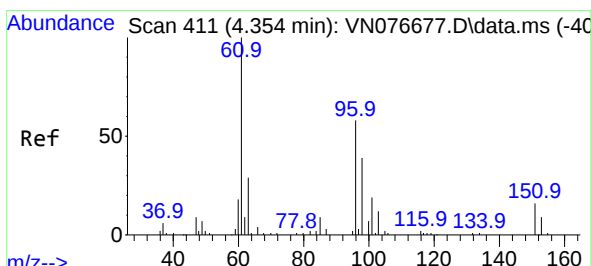
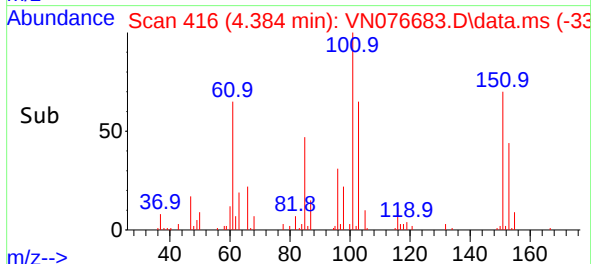
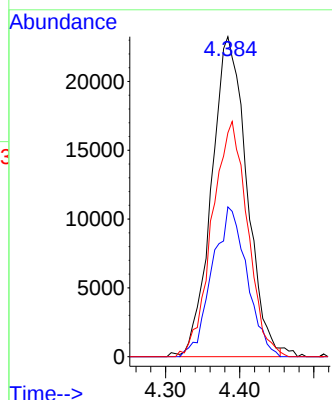
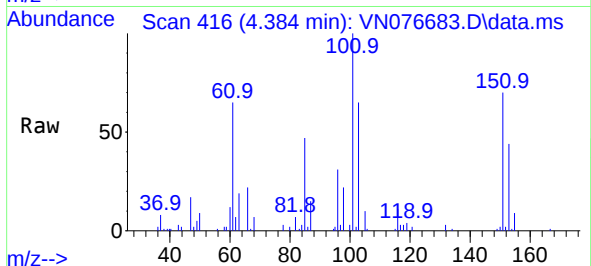
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1,1,2-Trichlorotrifluoroethane
Concen: 20.142 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion:101 Resp: 76400
Ion Ratio Lower Upper
101 100
85 46.5 0.0 95.2
151 74.5 0.0 142.2

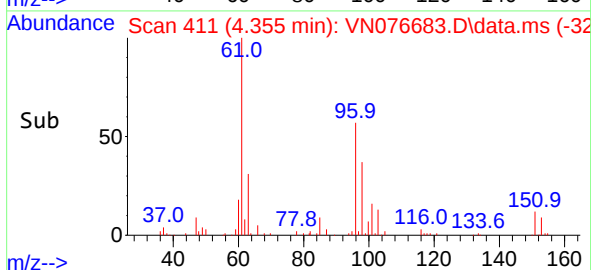
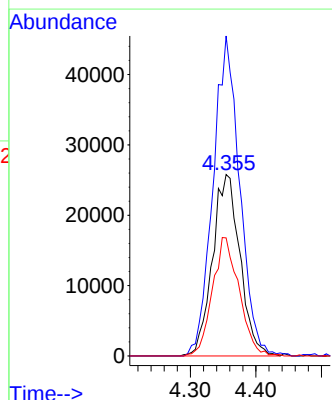
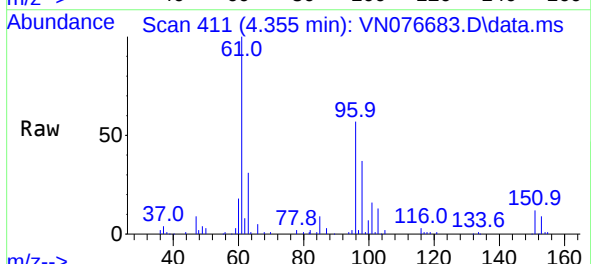
Manual Integrations
APPROVED

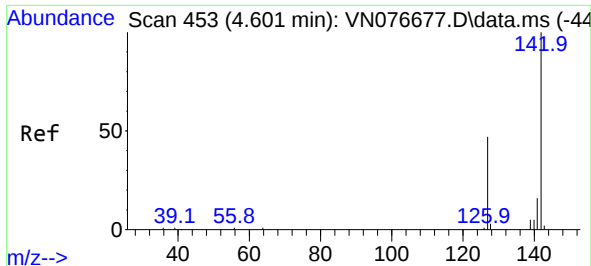
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
1,1-Dichloroethene
Concen: 21.069 ug/l
RT: 4.355 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

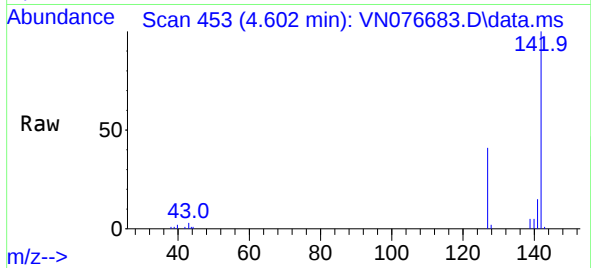
Tgt Ion: 96 Resp: 75058
Ion Ratio Lower Upper
96 100
61 176.4 137.1 205.7
98 65.1 53.2 79.8





#11
Methyl Iodide
Concen: 19.701 ug/l
RT: 4.602 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

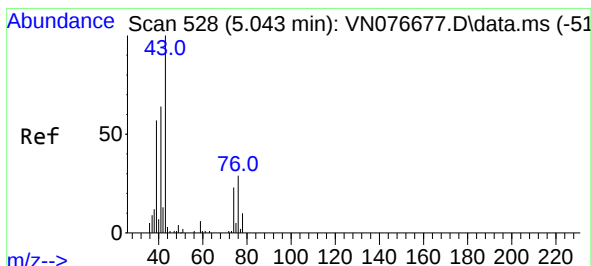
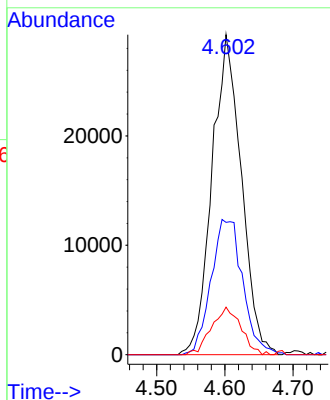
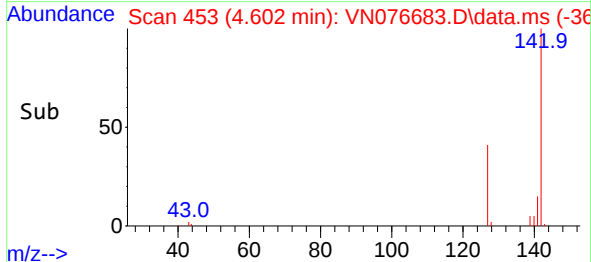
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion:142 Resp: 8758
Ion Ratio Lower Upper
142 100
127 41.1 25.0 75.0
141 14.4 8.0 24.0

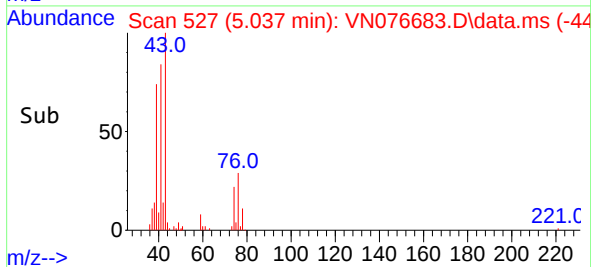
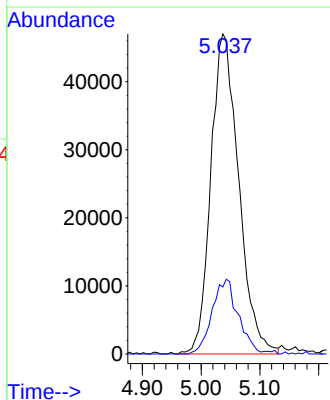
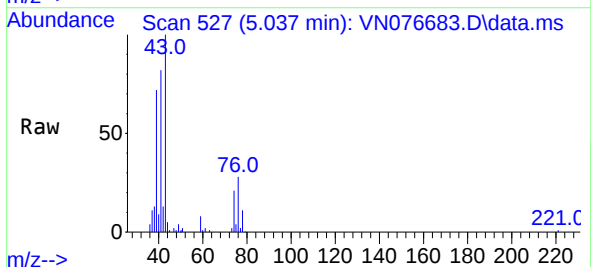
Manual Integrations
APPROVED

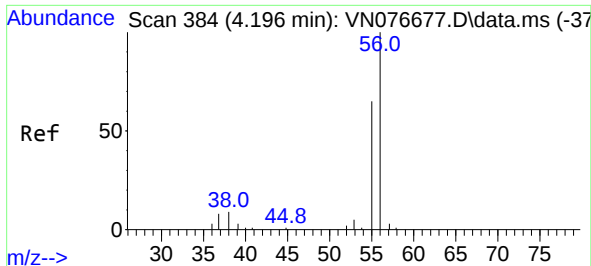
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#12
Methyl Acetate
Concen: 21.212 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion: 43 Resp: 154924
Ion Ratio Lower Upper
43 100
74 21.1 19.0 28.4





#13

Acrolein

Concen: 86.913 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN076683.D

Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523

Tgt Ion: 56 Resp: 7539

Ion Ratio Lower Upper

56 100

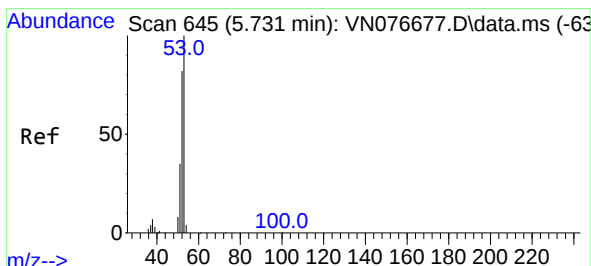
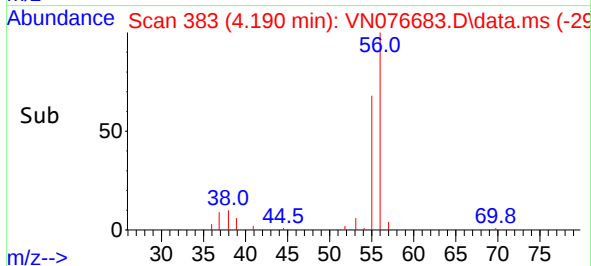
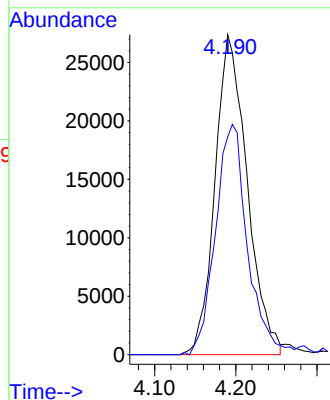
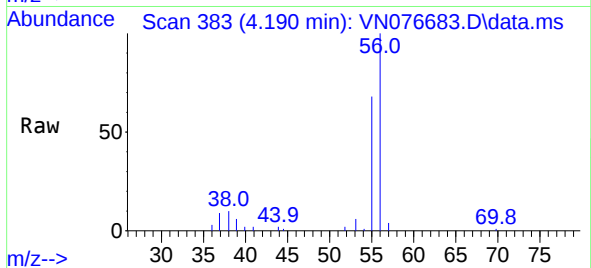
55 71.4 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#14

Acrylonitrile

Concen: 104.708 ug/l

RT: 5.731 min Scan# 645

Delta R.T. 0.000 min

Lab File: VN076683.D

Acq: 15 Feb 2023 13:30

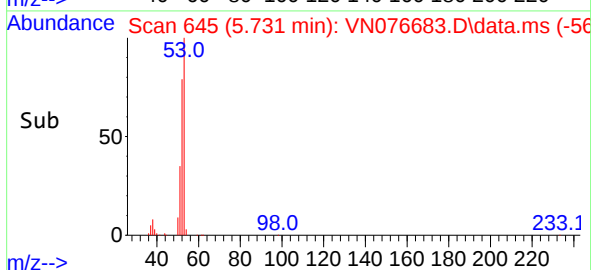
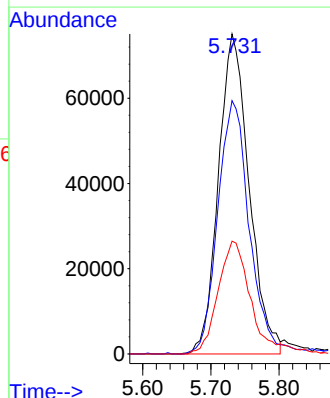
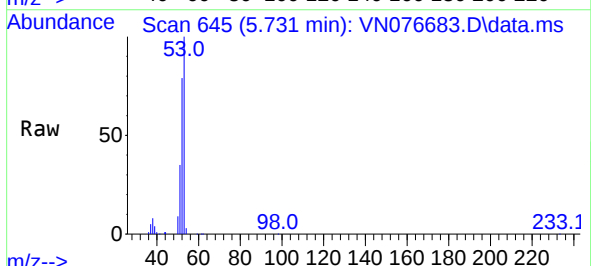
Tgt Ion: 53 Resp: 234693

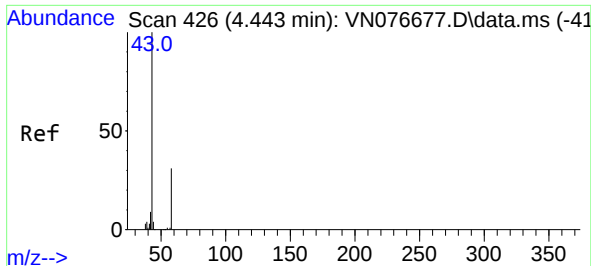
Ion Ratio Lower Upper

53 100

52 82.0 41.5 124.6

51 37.6 17.6 52.8





#15

Acetone

Concen: 107.754 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN076683.D

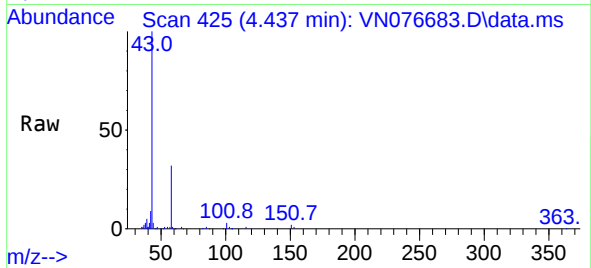
Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523



Tgt Ion: 58 Resp: 7819

Ion Ratio Lower Upper

58 100

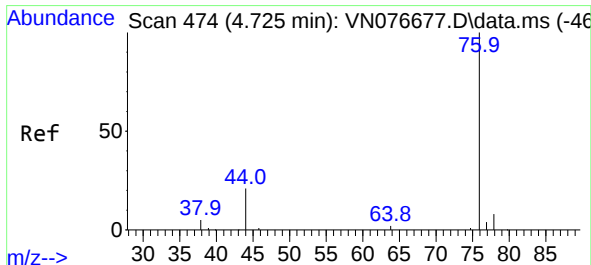
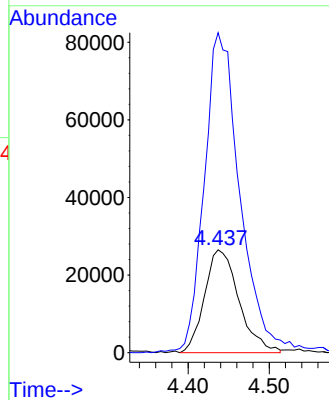
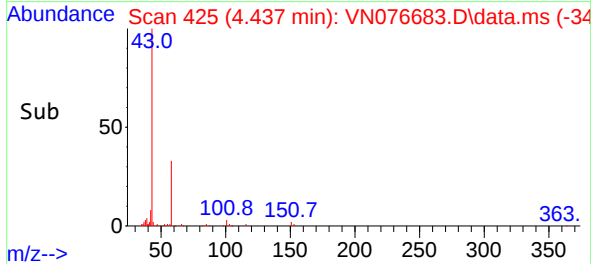
43 307.1 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#16

Carbon Disulfide

Concen: 20.158 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.006 min

Lab File: VN076683.D

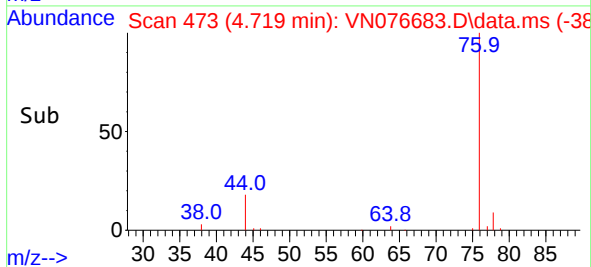
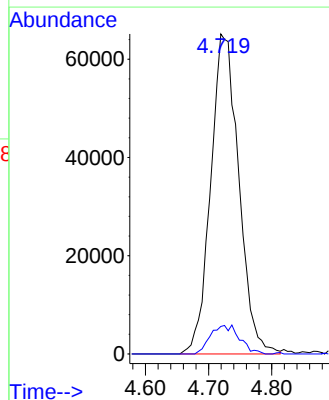
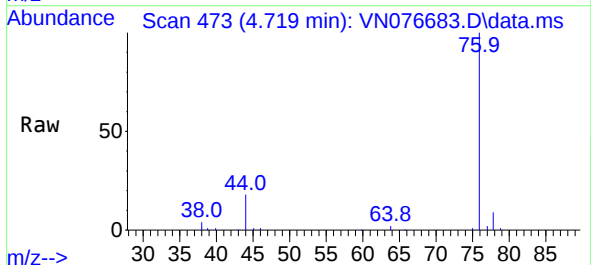
Acq: 15 Feb 2023 13:30

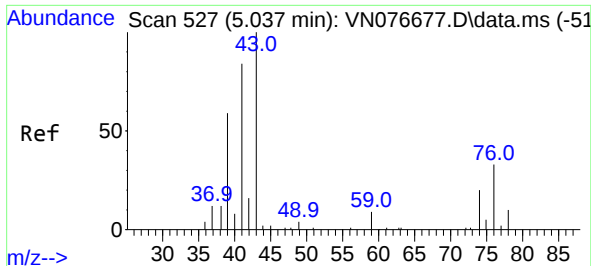
Tgt Ion: 76 Resp: 201431

Ion Ratio Lower Upper

76 100

78 8.6 6.6 9.8





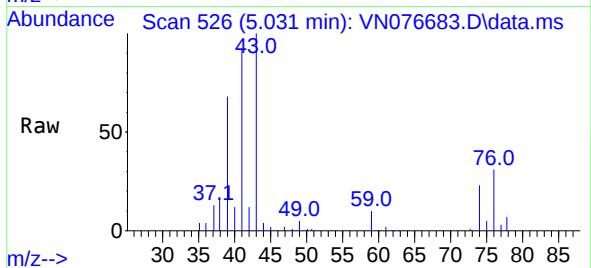
#17
 Allyl chloride
 Concen: 20.103 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN076683.D
 Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523

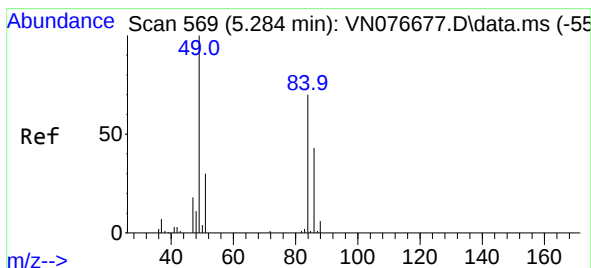
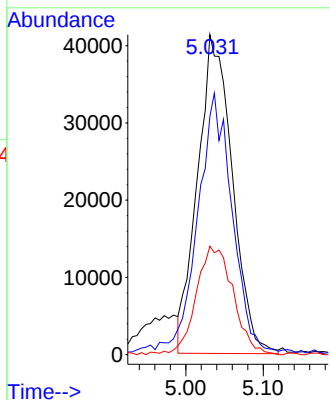
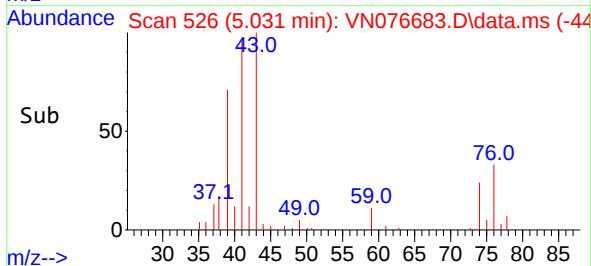


Tgt Ion: 41 Resp: 128190
 Ion Ratio Lower Upper
 41 100
 39 74.5 34.8 104.3
 76 34.4 17.5 52.5

Manual Integrations

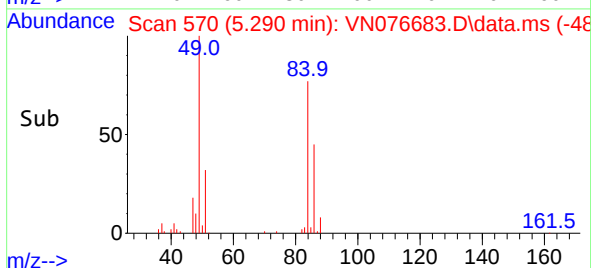
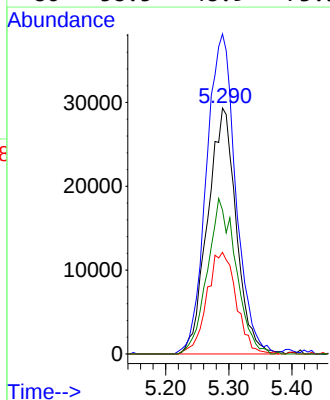
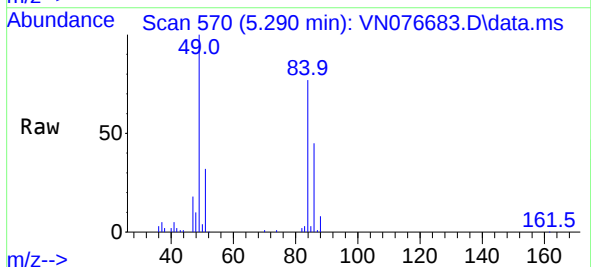
APPROVED

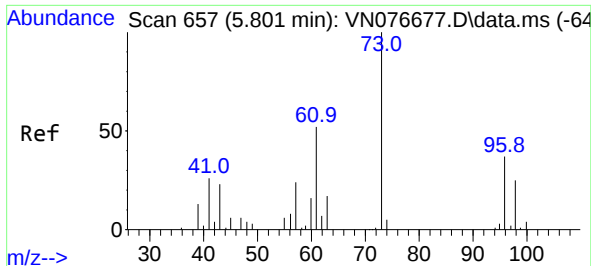
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#18
 Methylene Chloride
 Concen: 20.493 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VN076683.D
 Acq: 15 Feb 2023 13:30

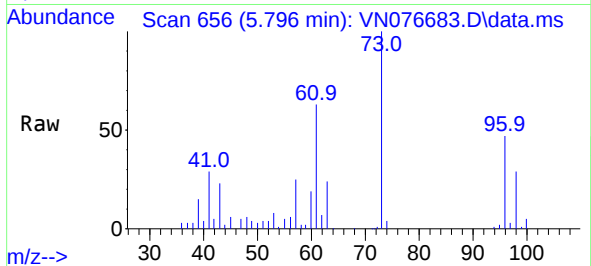
Tgt Ion: 84 Resp: 92153
 Ion Ratio Lower Upper
 84 100
 49 129.3 113.8 170.6
 51 41.3 34.2 51.4
 86 58.5 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 19.914 ug/l
RT: 5.796 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

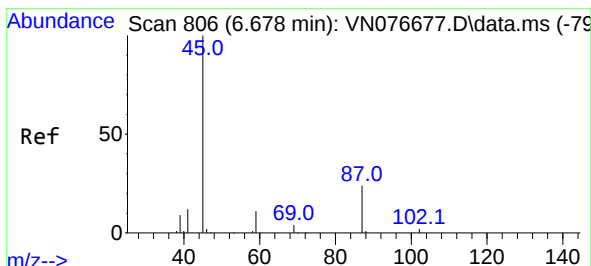
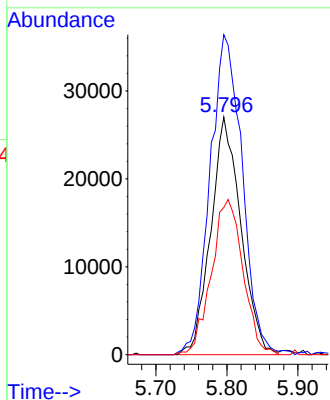
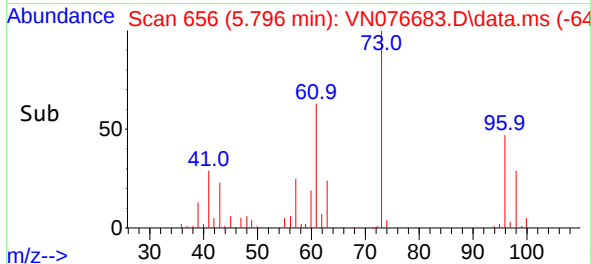
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



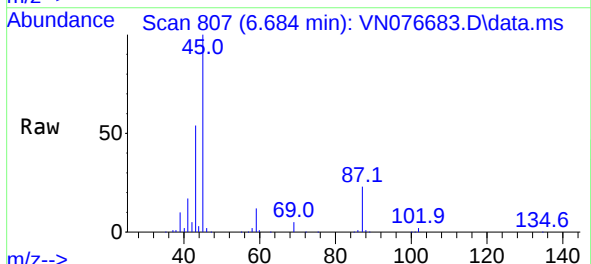
Tgt Ion: 96 Resp: 79564
Ion Ratio Lower Upper
96 100
61 133.5 111.0 166.4
98 61.9 55.0 82.6

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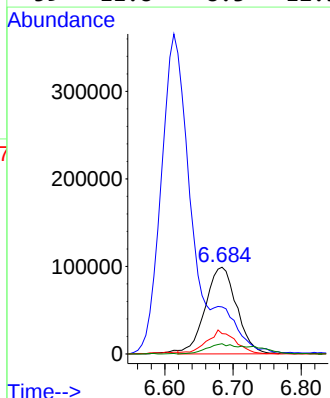
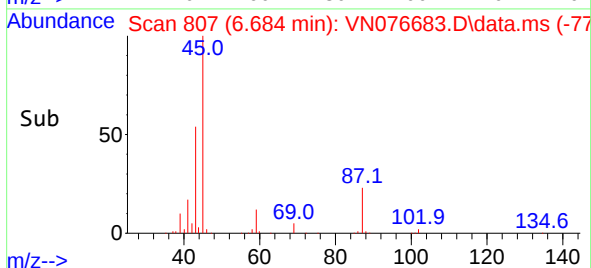
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

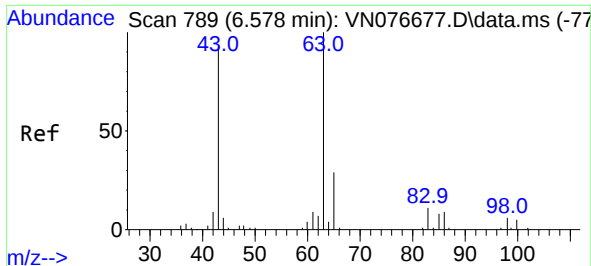


#20
Diisopropyl ether
Concen: 20.975 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



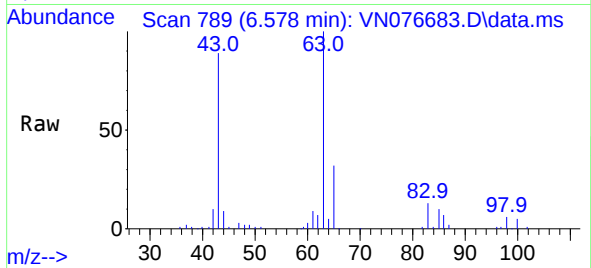
Tgt Ion: 45 Resp: 316280
Ion Ratio Lower Upper
45 100
43 51.9 38.6 58.0
87 23.5 20.1 30.1
59 11.8 8.3 12.5





#21
1,1-Dichloroethane
Concen: 21.470 ug/l
RT: 6.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

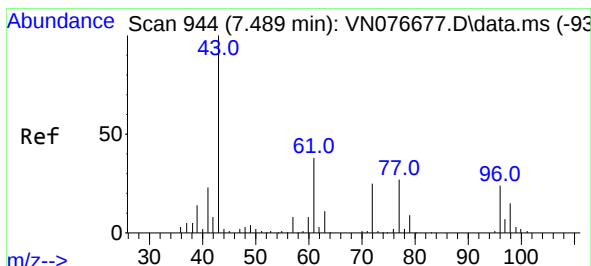
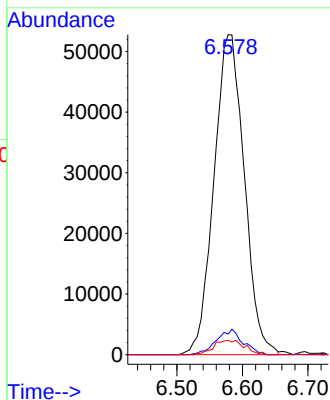
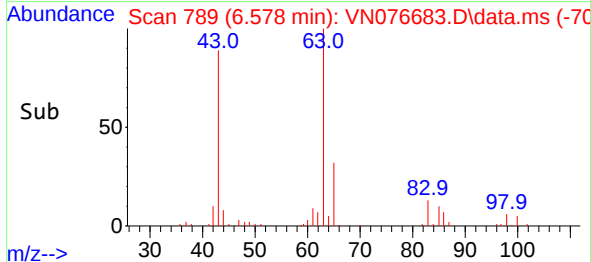
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



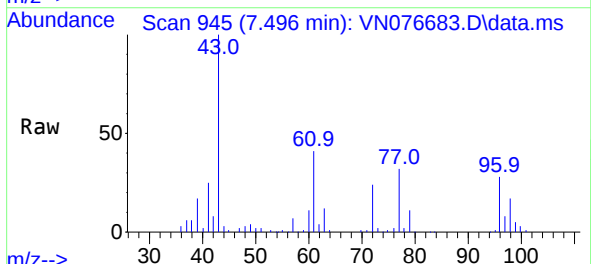
Tgt Ion: 63 Resp: 169348
Ion Ratio Lower Upper
63 100
98 6.5 3.6 10.9
100 4.5 2.6 7.8

Manual Integrations
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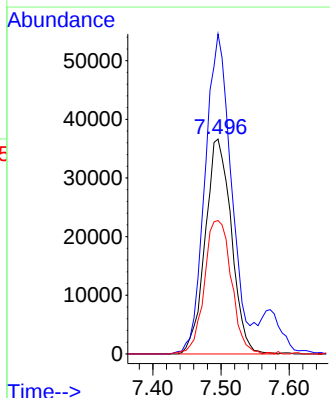
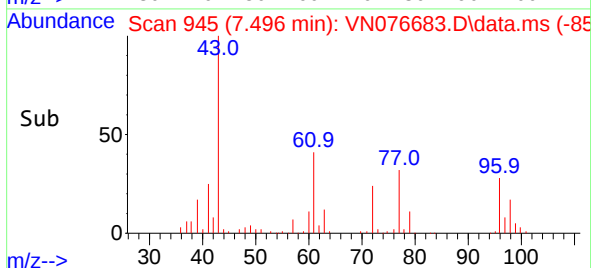
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

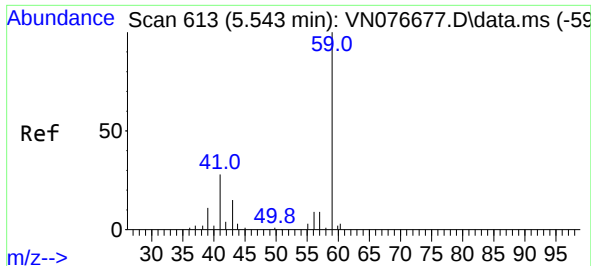


#22
cis-1,2-Dichloroethene
Concen: 21.344 ug/l
RT: 7.496 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



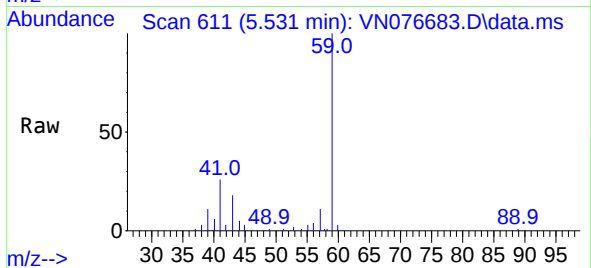
Tgt Ion: 96 Resp: 97840
Ion Ratio Lower Upper
96 100
61 148.9 121.0 181.4
98 64.0 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 109.863 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

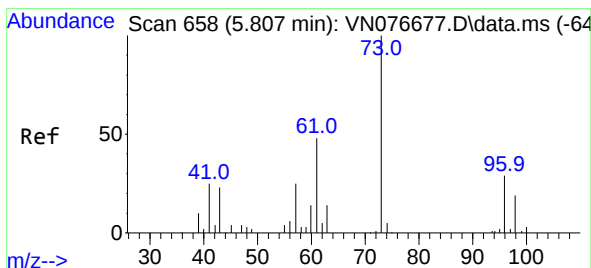
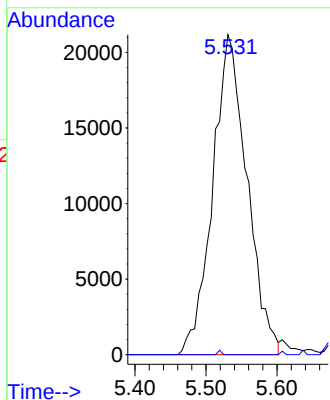
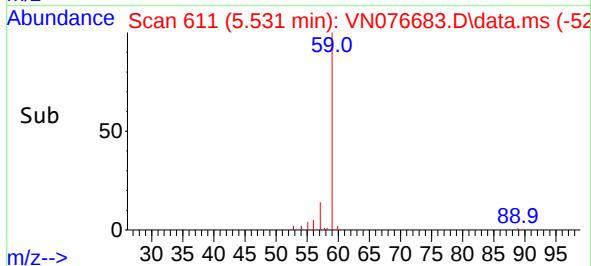
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion: 59 Resp: 7116
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

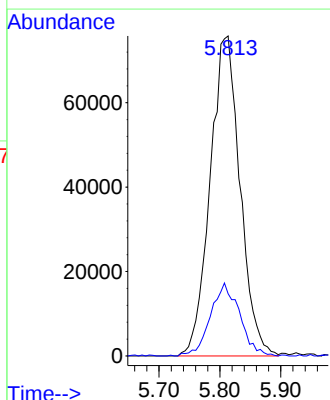
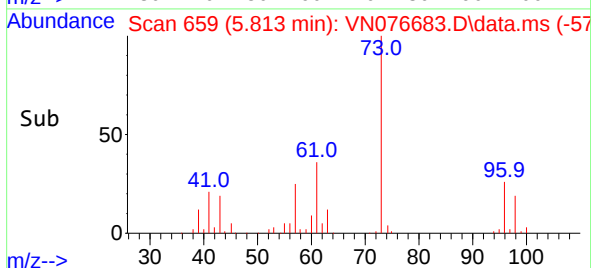
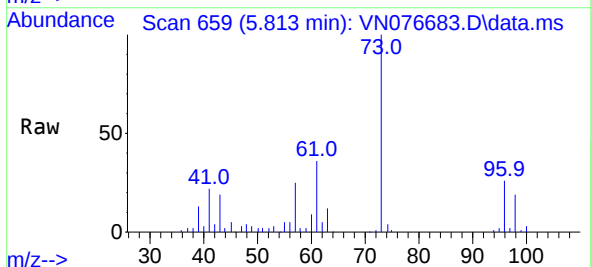
Manual Integrations
APPROVED

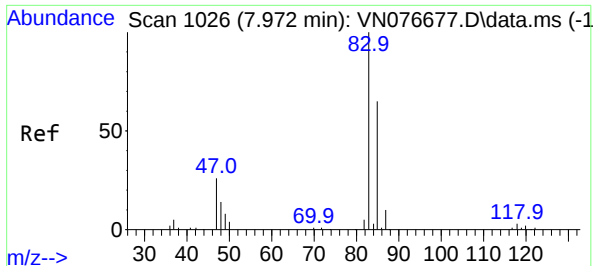
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#24
Methyl tert-Butyl Ether
Concen: 21.016 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

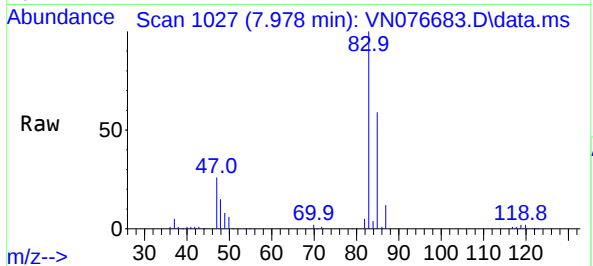
Tgt Ion: 73 Resp: 259052
Ion Ratio Lower Upper
73 100
43 22.0 17.8 26.6





#25
Chloroform
Concen: 20.999 ug/l
RT: 7.978 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

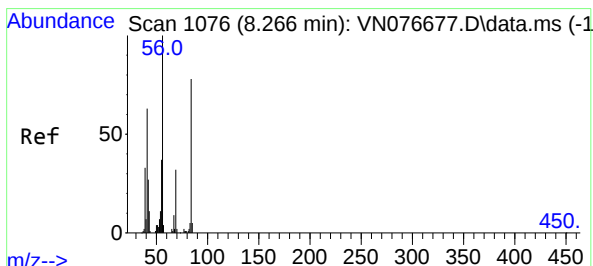
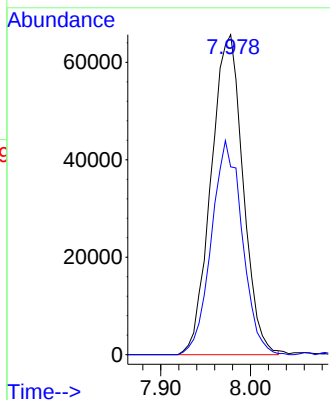
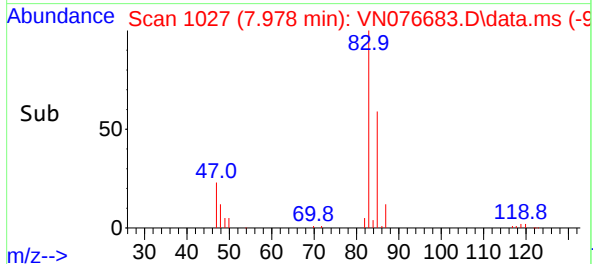
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



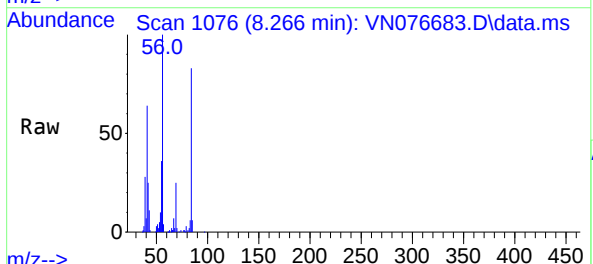
Tgt Ion: 83 Resp: 162420
Ion Ratio Lower Upper
83 100
85 58.7 51.8 77.6

Manual Integrations
APPROVED

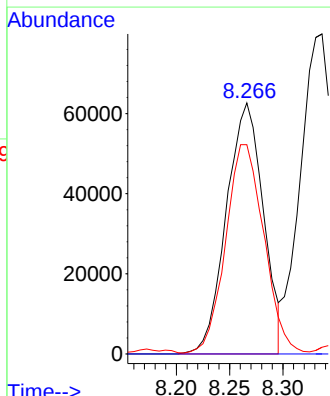
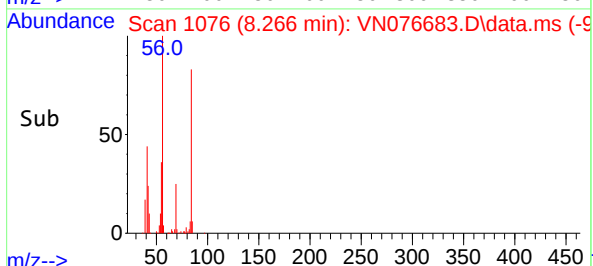
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

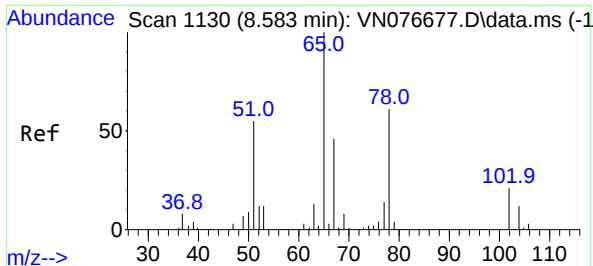


#26
Cyclohexane
Concen: 21.450 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion: 56 Resp: 151211
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.9 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 32.217 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523

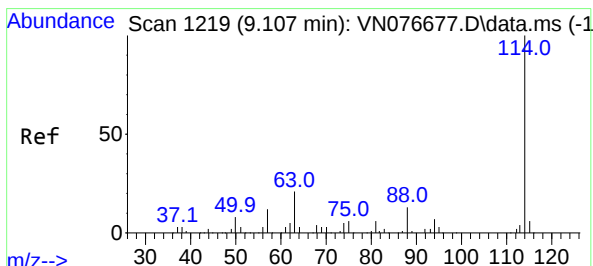
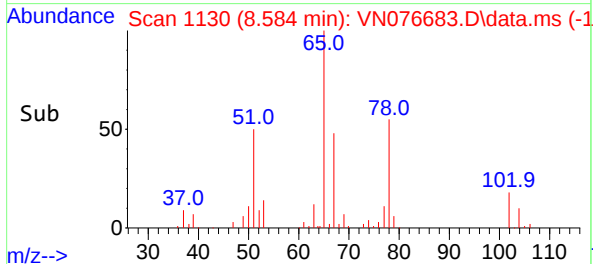
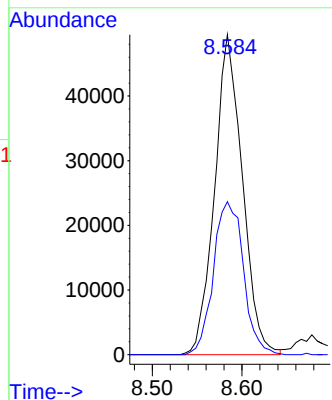
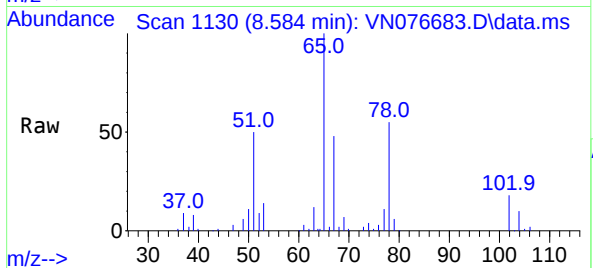
Tgt Ion: 65 Resp: 106369
Ion Ratio Lower Upper
65 100
67 51.7 40.9 61.3

Manual Integrations

APPROVED

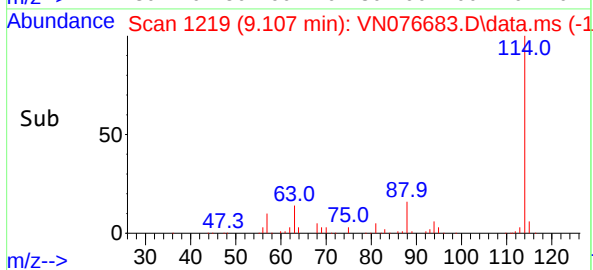
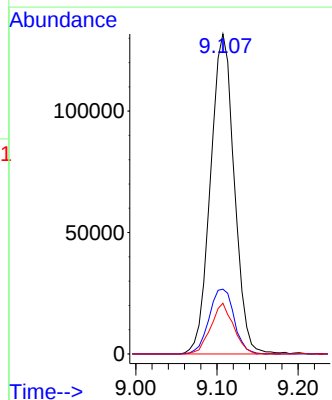
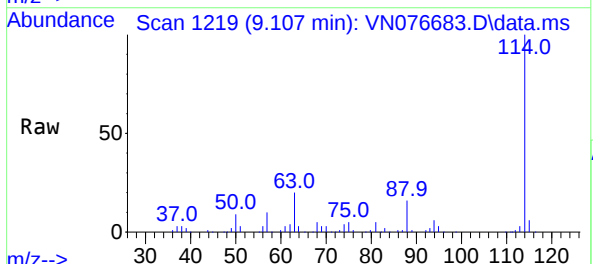
Reviewed By :John Carlone 02/16/2023

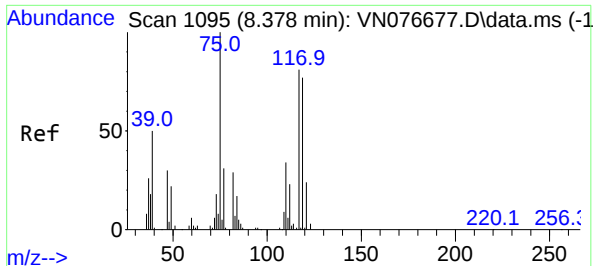
Supervised By :Mahesh Dadoda 02/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

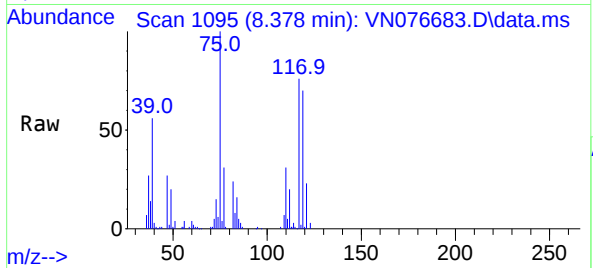
Tgt Ion:114 Resp: 267509
Ion Ratio Lower Upper
114 100
63 21.4 17.0 25.4
88 15.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.523 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

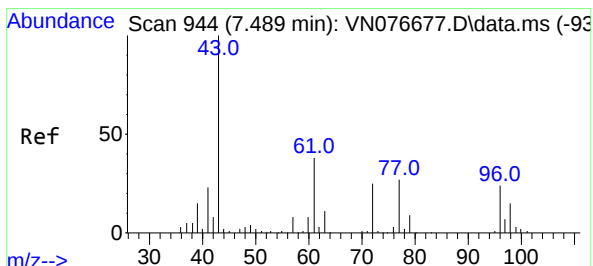
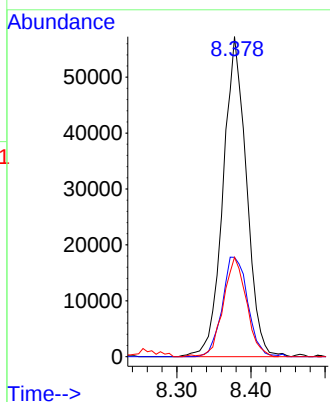
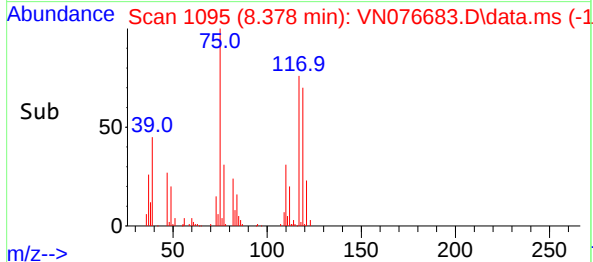
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion: 75 Resp: 125234
Ion Ratio Lower Upper
75 100
110 33.7 0.0 67.2
77 30.7 0.0 64.4

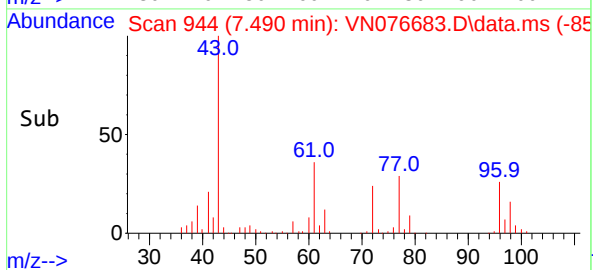
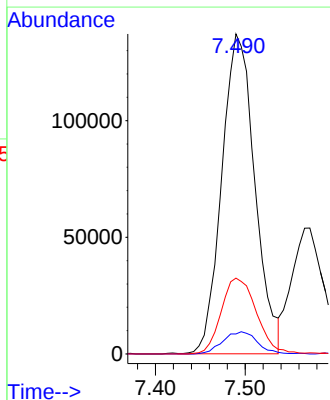
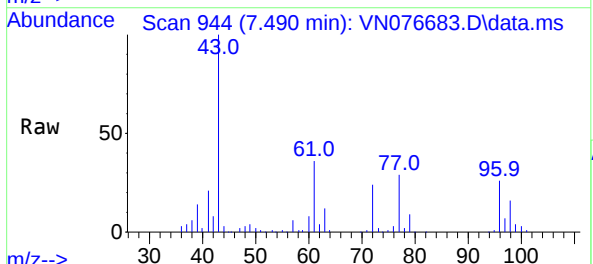
Manual Integrations
APPROVED

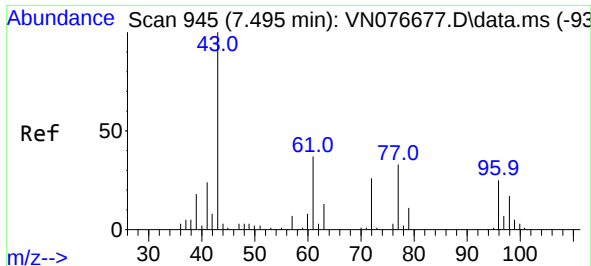
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#30
2-Butanone
Concen: 98.787 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion: 43 Resp: 351617
Ion Ratio Lower Upper
43 100
57 7.2 6.1 9.1
72 25.1 20.2 30.4





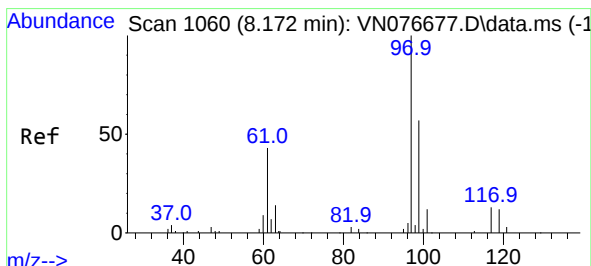
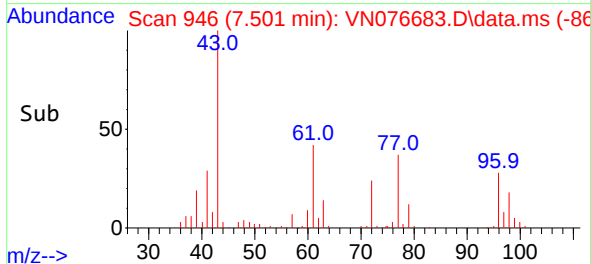
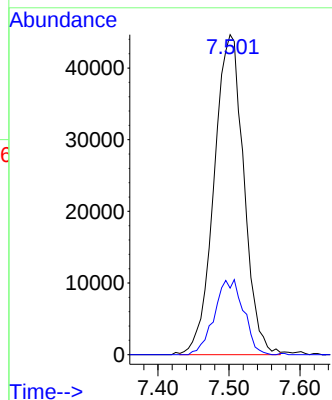
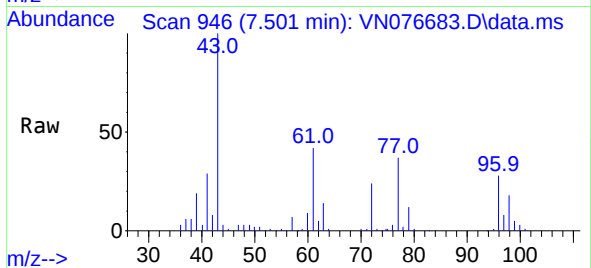
#31
2,2-Dichloropropane
Concen: 20.332 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion: 77 Resp: 12966
Ion Ratio Lower Upper
77 100
97 13.4 7.2 10.8

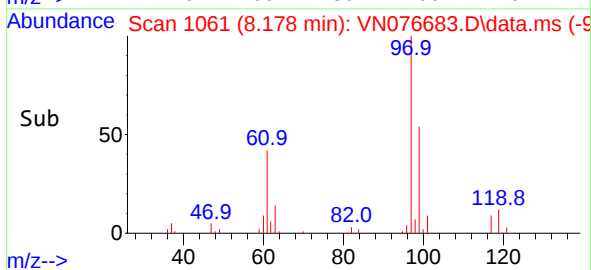
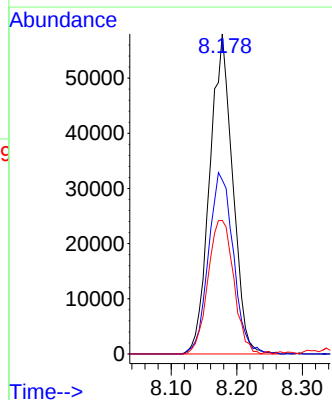
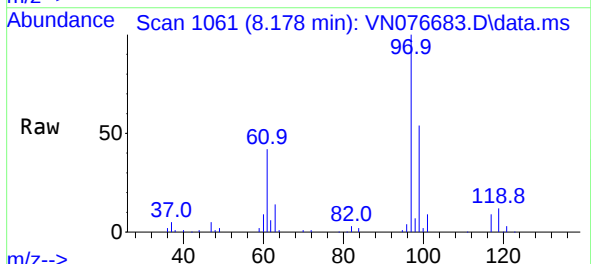
Manual Integrations
APPROVED

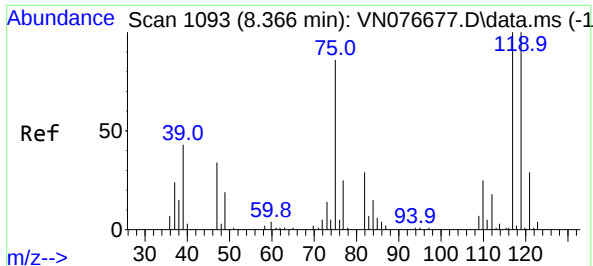
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#32
1,1,1-Trichloroethane
Concen: 19.909 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion: 97 Resp: 141031
Ion Ratio Lower Upper
97 100
99 61.3 51.8 77.8
61 46.7 39.3 58.9





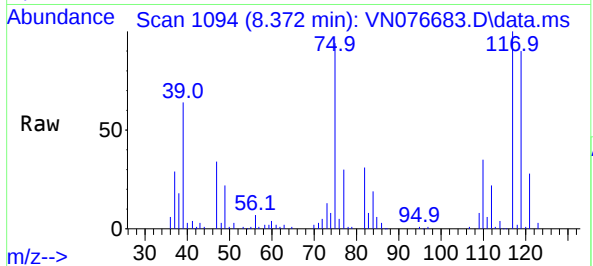
#33
Carbon Tetrachloride
Concen: 19.781 ug/l
RT: 8.372 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523



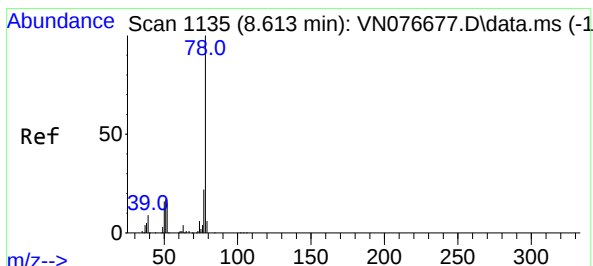
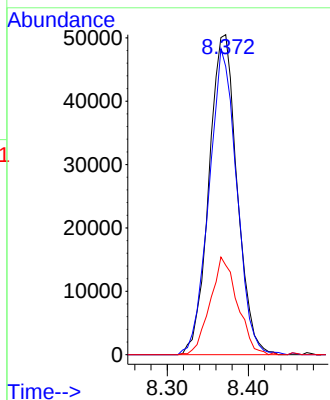
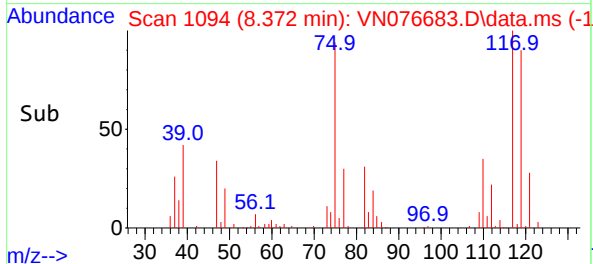
Tgt Ion:117 Resp: 12141
Ion Ratio Lower Upper
117 100
119 90.1 79.8 119.8
121 28.0 23.4 35.0

Manual Integrations

APPROVED

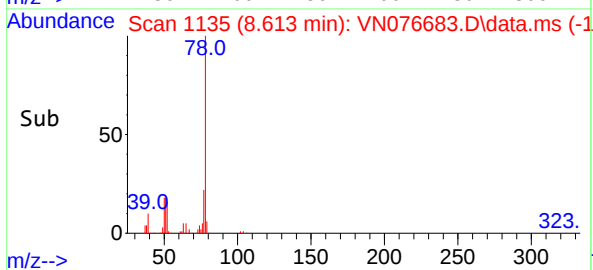
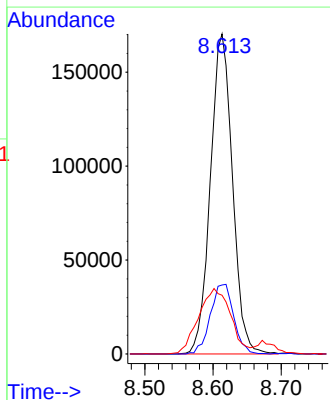
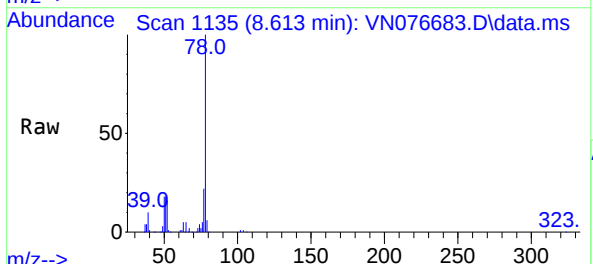
Reviewed By :John Carlone 02/16/2023

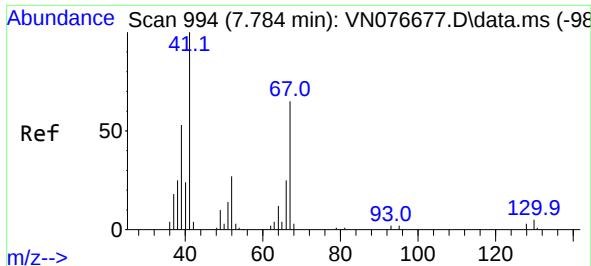
Supervised By :Mahesh Dadoda 02/18/2023



#34
Benzene
Concen: 19.749 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

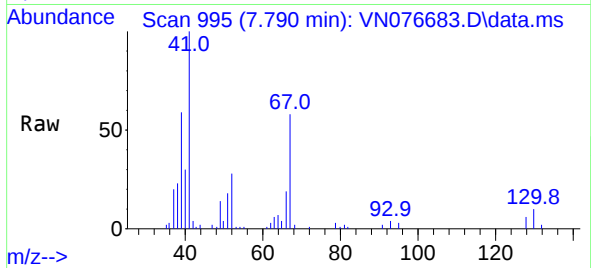
Tgt Ion: 78 Resp: 384726
Ion Ratio Lower Upper
78 100
77 21.6 17.4 26.2
51 18.0 13.8 20.6





#35
Methacrylonitrile
Concen: 19.048 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

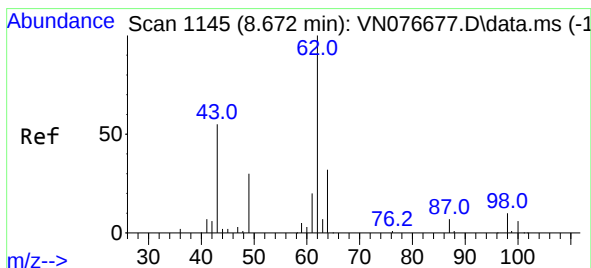
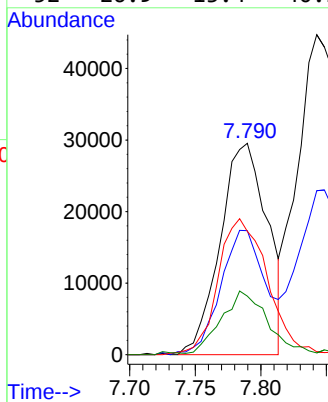
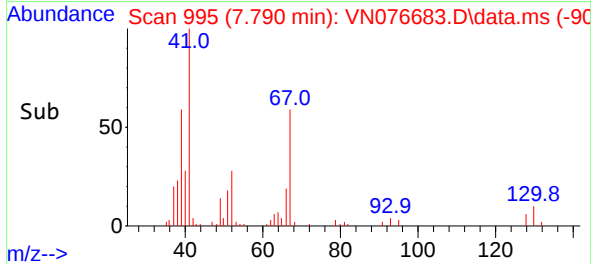
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion: 41 Resp: 7395
Ion Ratio Lower Upper
41 100
39 57.2 26.6 79.7
67 57.3 32.3 96.9
52 26.9 13.4 40.1

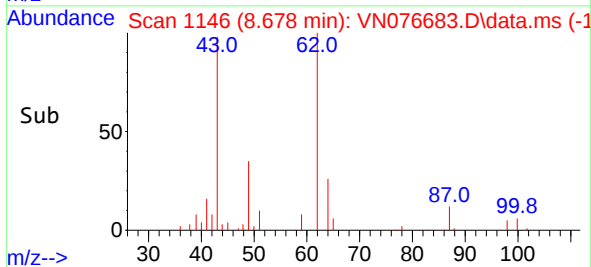
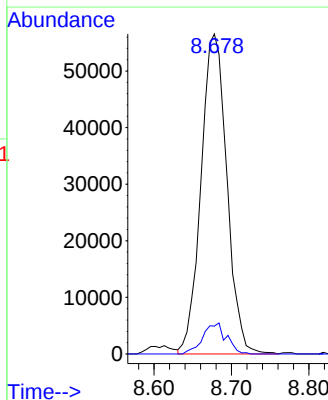
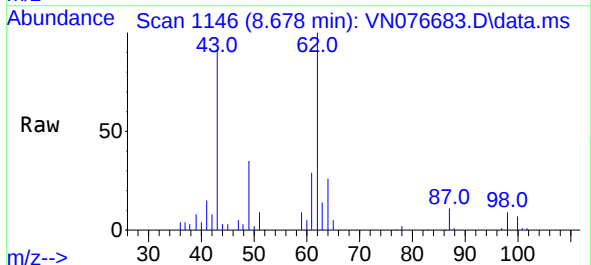
Manual Integrations
APPROVED

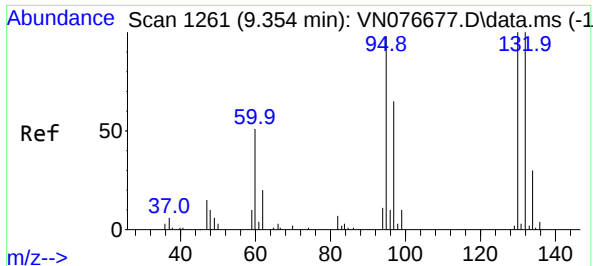
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
1,2-Dichloroethane
Concen: 20.132 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

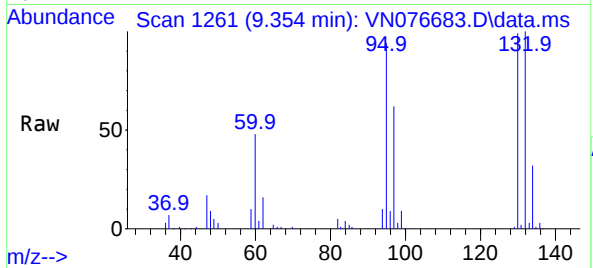
Tgt Ion: 62 Resp: 131270
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0





#37
Trichloroethene
Concen: 19.191 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

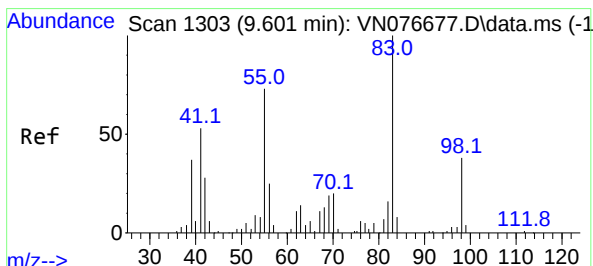
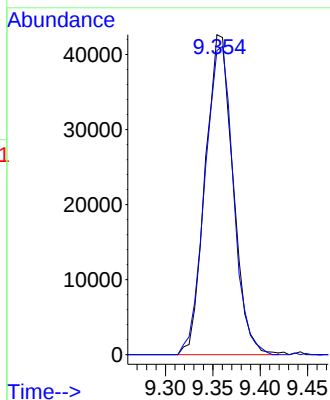
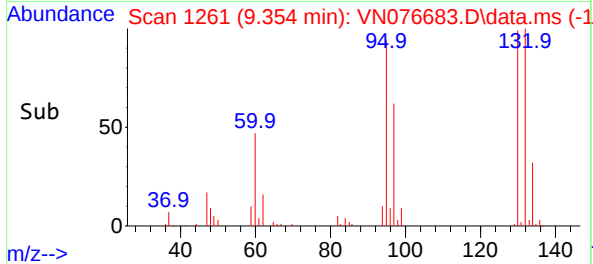
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



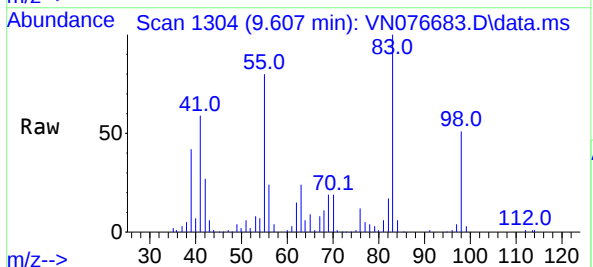
Tgt Ion:130 Resp: 8694
Ion Ratio Lower Upper
130 100
95 95.1 78.7 118.1

Manual Integrations
APPROVED

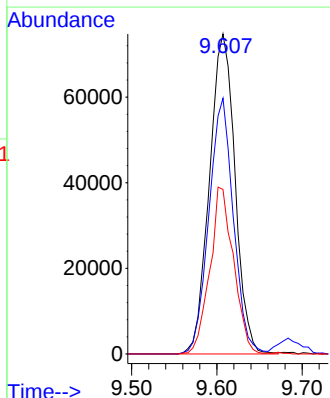
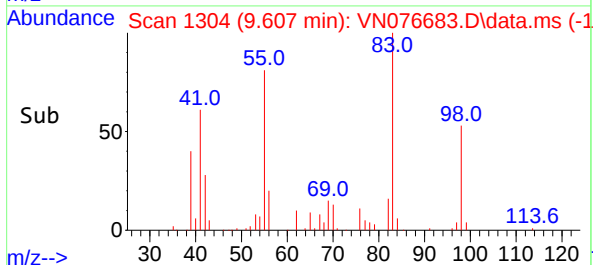
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

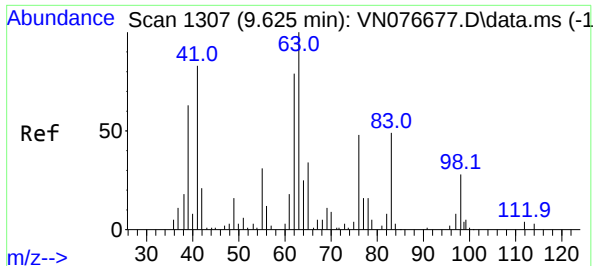


#38
Methylcyclohexane
Concen: 20.300 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion: 83 Resp: 155883
Ion Ratio Lower Upper
83 100
55 76.6 37.6 112.9
98 48.4 24.1 72.4





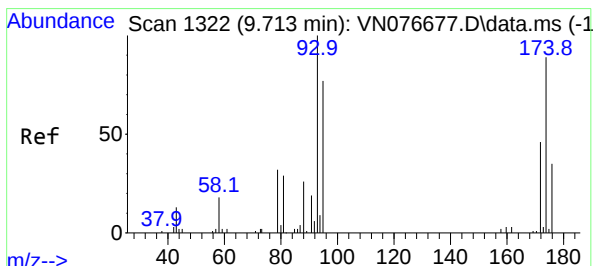
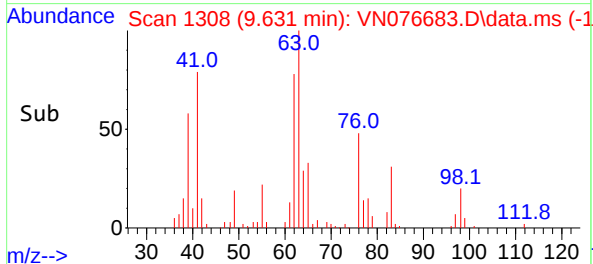
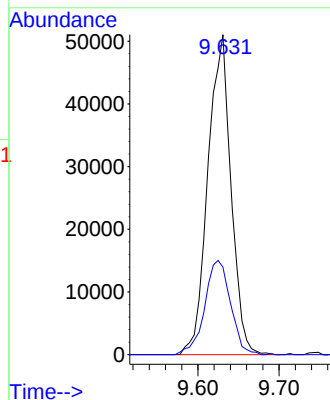
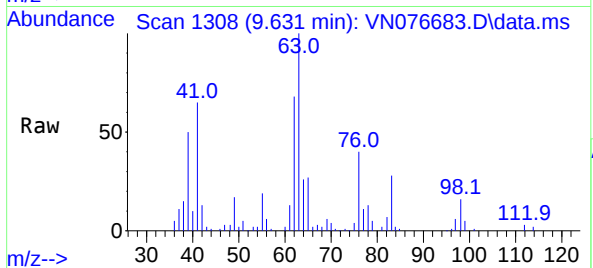
#39
1,2-Dichloropropane
Concen: 19.953 ug/l
RT: 9.631 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion: 63 Resp: 101019
Ion Ratio Lower Upper
63 100
65 27.4 27.2 40.8

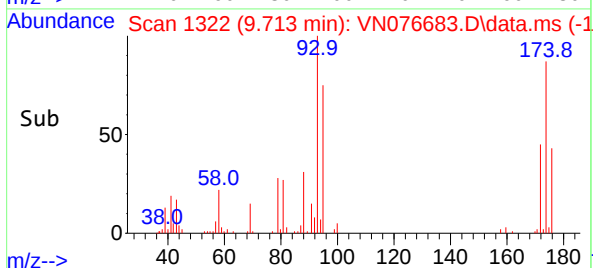
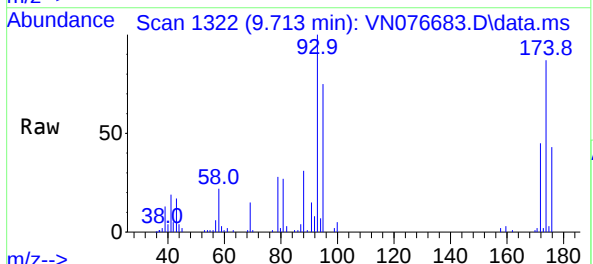
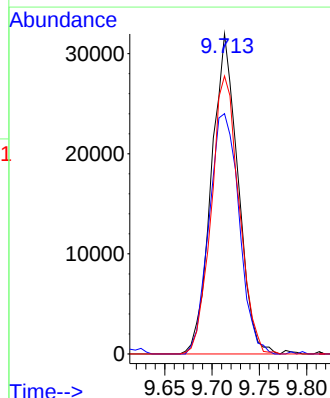
Manual Integrations
APPROVED

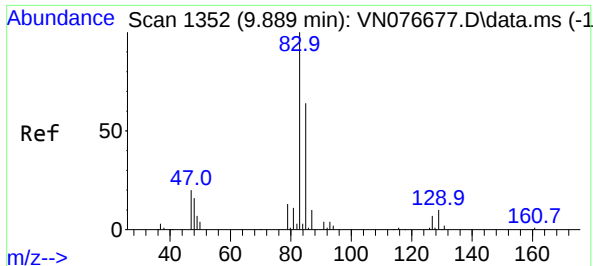
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40
Dibromomethane
Concen: 19.351 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

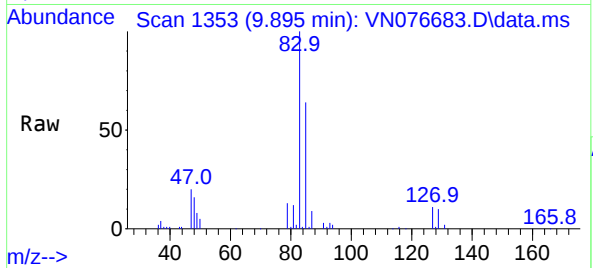
Tgt Ion: 93 Resp: 62482
Ion Ratio Lower Upper
93 100
95 84.5 0.0 158.0
174 90.0 0.0 171.2





#41
Bromodichloromethane
Concen: 19.405 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

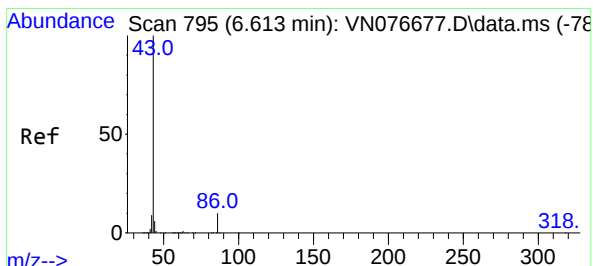
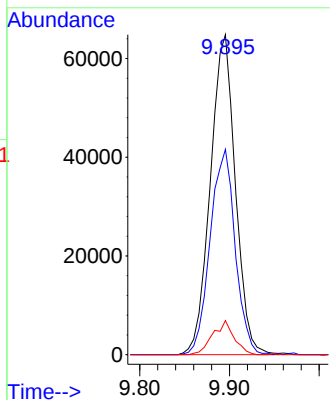
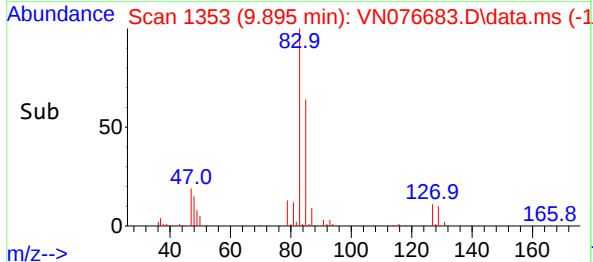
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion: 83 Resp: 125680
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 10.6 6.2 9.2

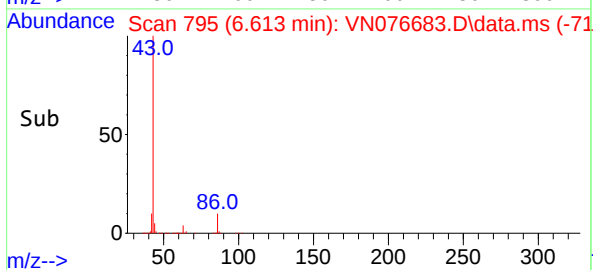
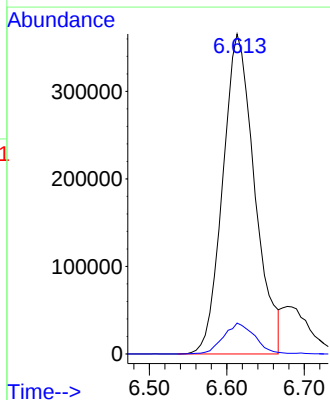
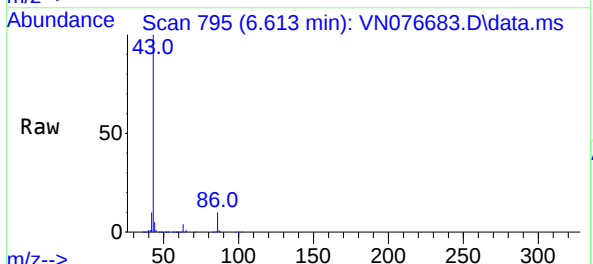
Manual Integrations
APPROVED

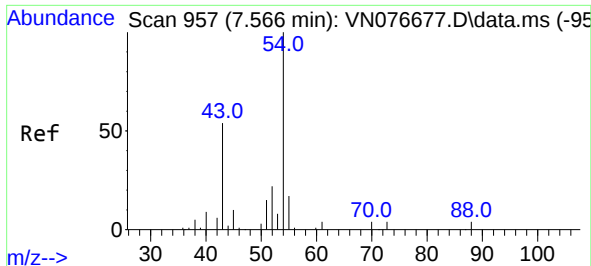
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
Vinyl Acetate
Concen: 101.705 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion: 43 Resp: 1049107
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





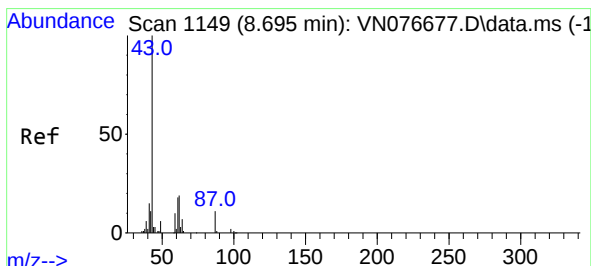
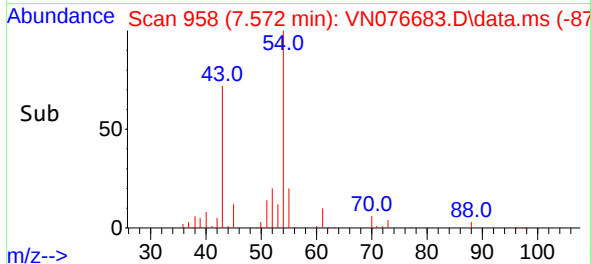
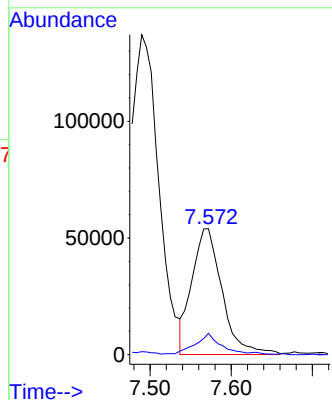
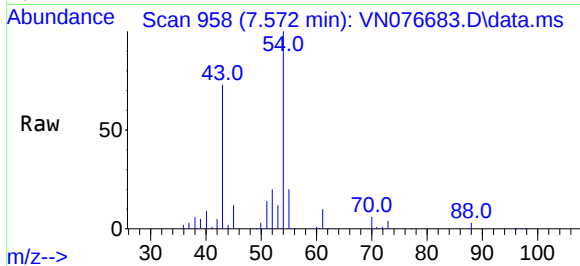
#43
Ethyl Acetate
Concen: 20.531 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion: 43 Resp: 139224
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8

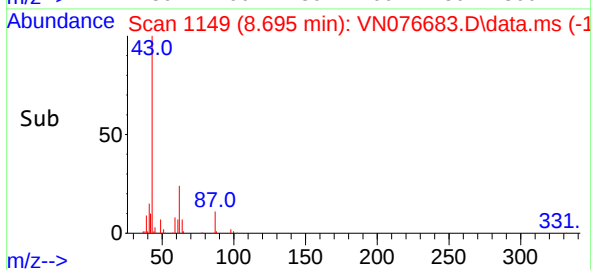
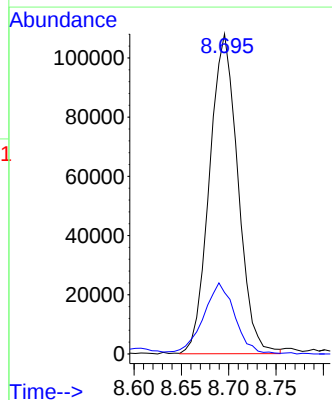
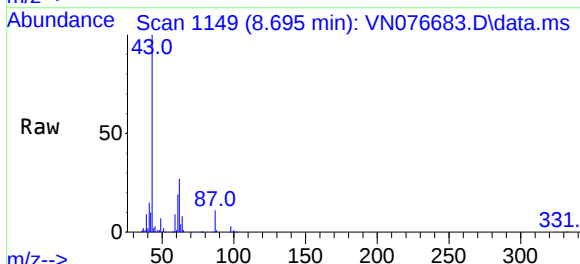
Manual Integrations
APPROVED

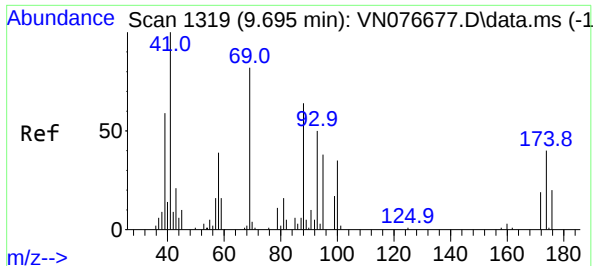
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#44
Isopropyl Acetate
Concen: 20.253 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

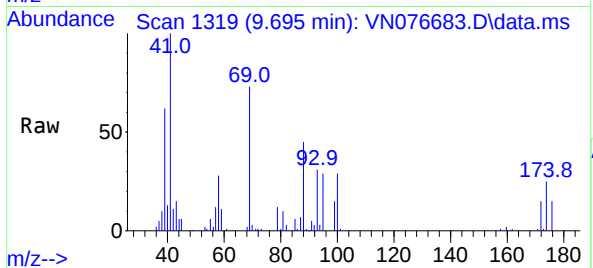
Tgt Ion: 43 Resp: 226076
Ion Ratio Lower Upper
43 100
61 24.7 19.5 29.3





#45
1,4-Dioxane
Concen: 393.749 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

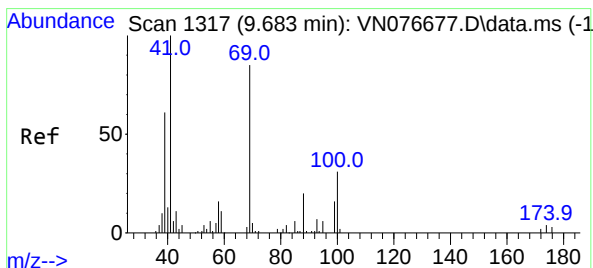
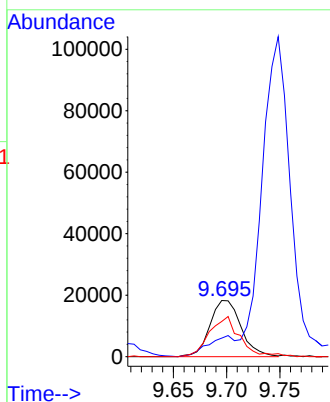
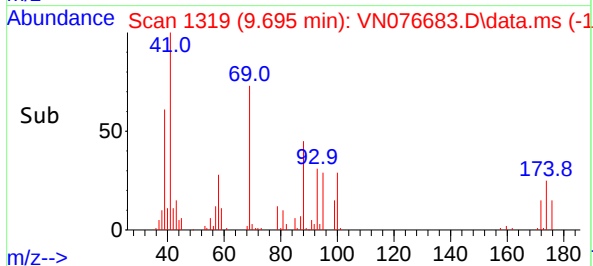
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



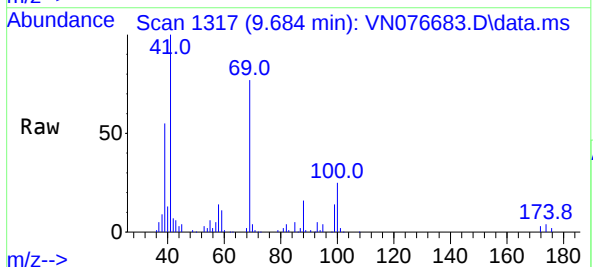
Tgt Ion: 88 Resp: 37200
Ion Ratio Lower Upper
88 100
43 31.8 26.0 39.0
58 66.8 54.3 81.5

Manual Integrations
APPROVED

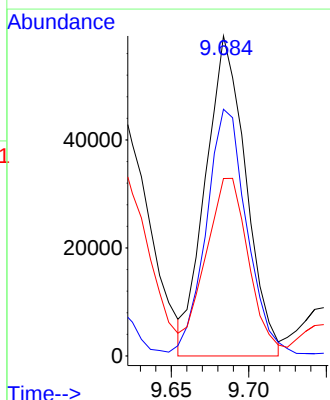
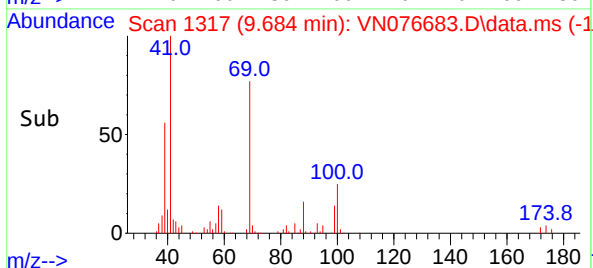
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

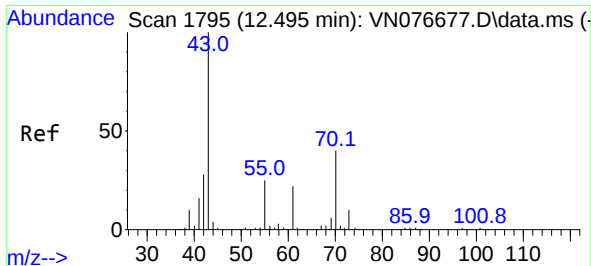


#46
Methyl methacrylate
Concen: 20.918 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



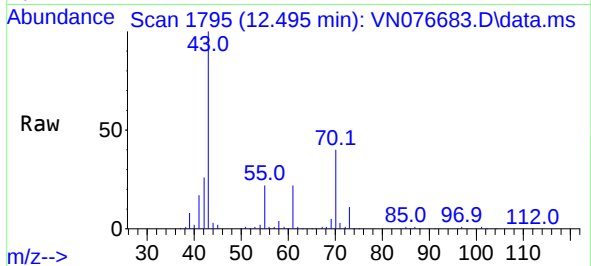
Tgt Ion: 41 Resp: 107190
Ion Ratio Lower Upper
41 100
69 77.3 40.6 121.7
39 54.4 30.5 91.5





#47
n-amyl acetate
Concen: 19.915 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

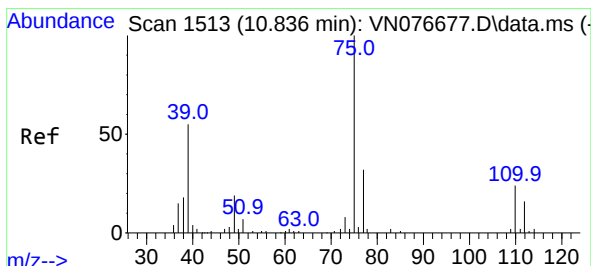
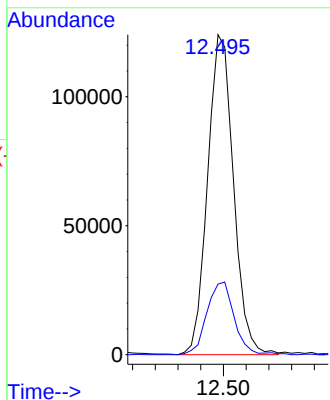
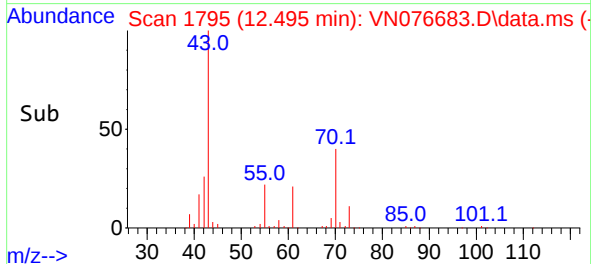
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



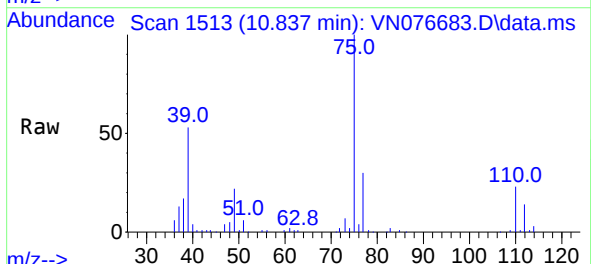
Tgt Ion: 43 Resp: 19631
Ion Ratio Lower Upper
43 100
55 23.6 18.3 27.5

Manual Integrations
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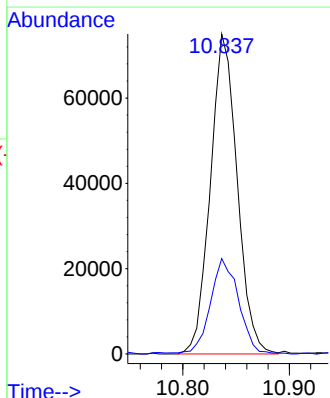
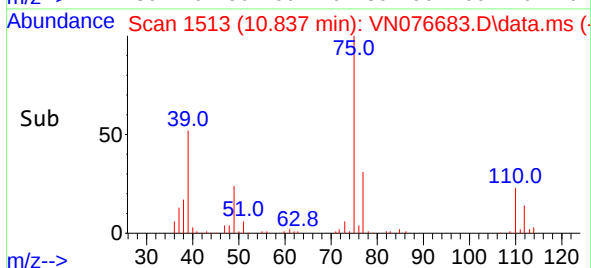
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

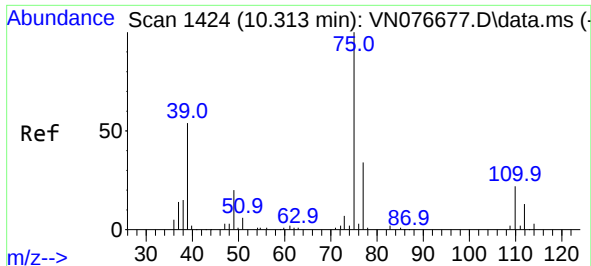


#48
t-1,3-Dichloropropene
Concen: 19.963 ug/l
RT: 10.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



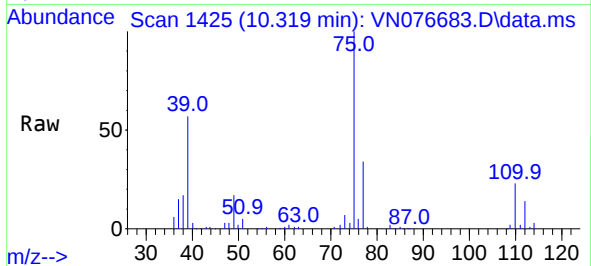
Tgt Ion: 75 Resp: 131138
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2





#49
cis-1,3-Dichloropropene
Concen: 19.350 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

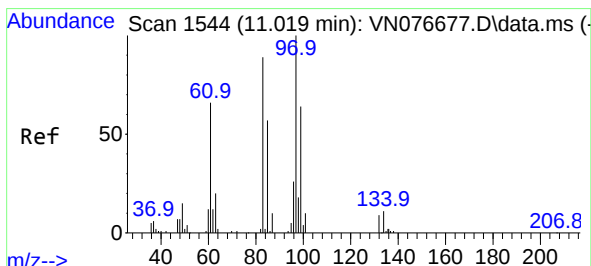
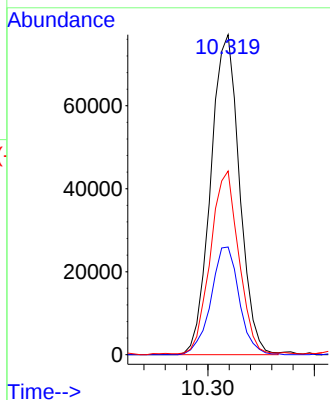
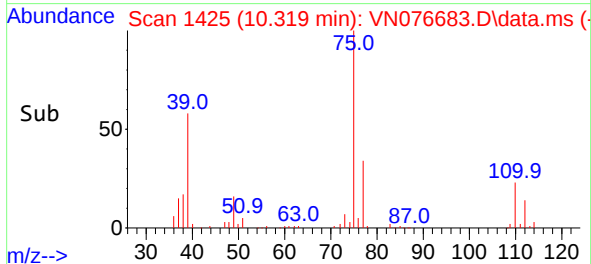
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



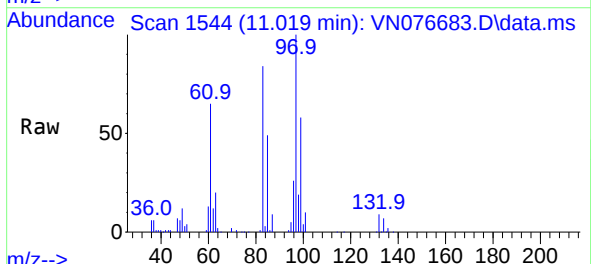
Tgt Ion: 75 Resp: 144669
Ion Ratio Lower Upper
75 100
77 33.7 27.5 41.3
39 57.1 43.5 65.3

Manual Integrations
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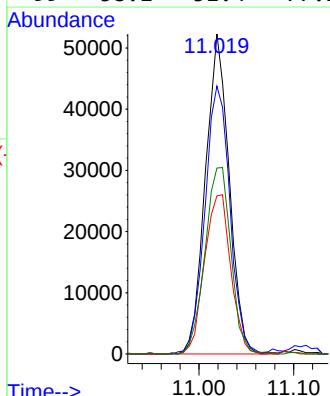
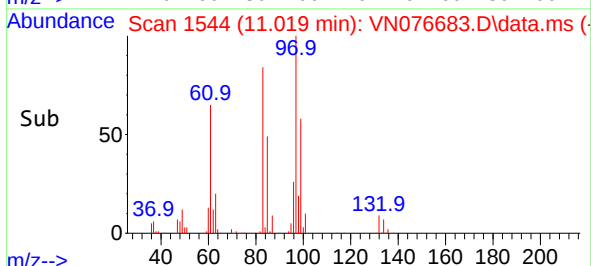
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

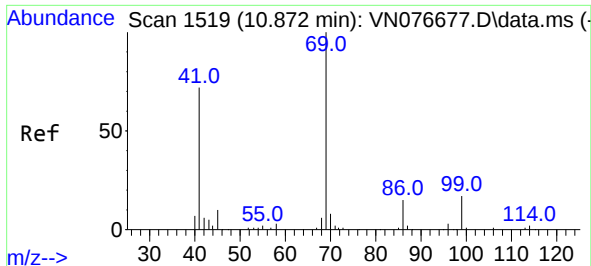


#50
1,1,2-Trichloroethane
Concen: 19.417 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion: 97 Resp: 91139
Ion Ratio Lower Upper
97 100
83 83.0 71.0 106.4
85 49.4 45.5 68.3
99 58.1 51.4 77.2





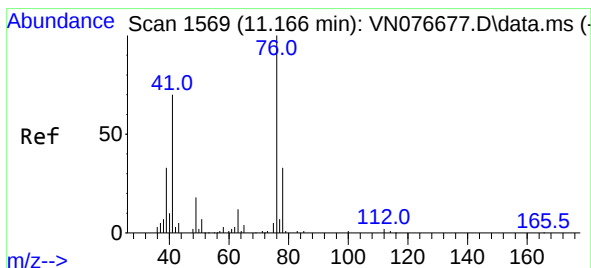
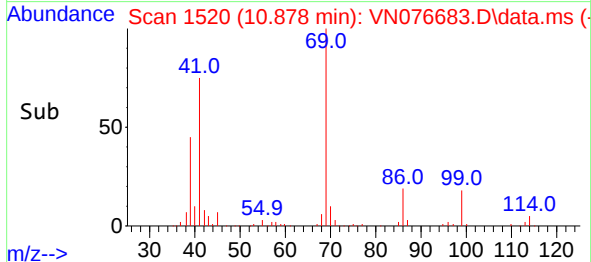
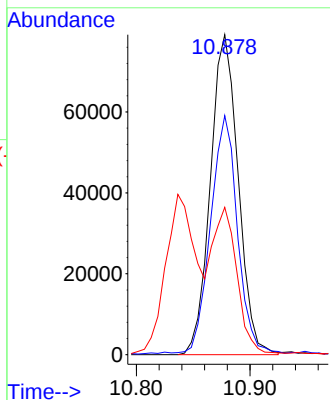
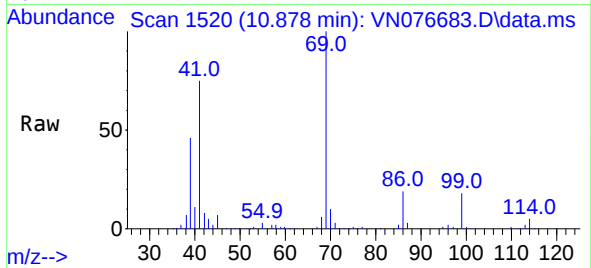
#51
Ethyl methacrylate
Concen: 19.771 ug/l
RT: 10.878 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion: 69 Resp: 134734
Ion Ratio Lower Upper
69 100
41 74.0 36.3 108.7
39 45.5 19.9 59.7

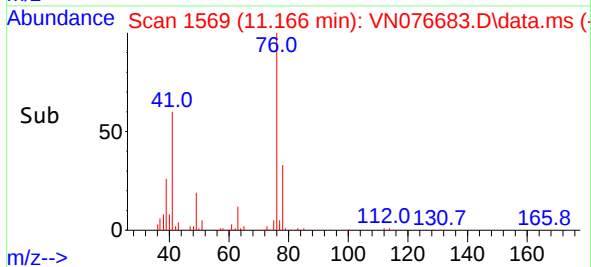
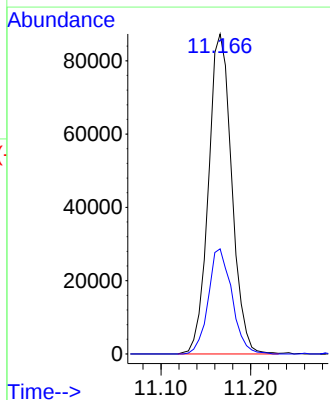
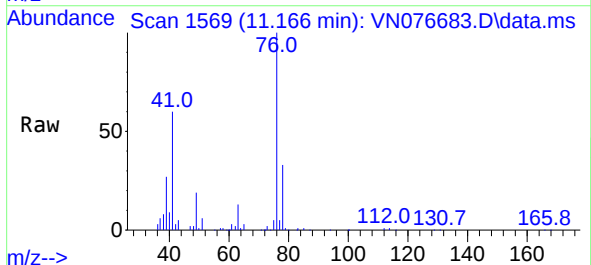
Manual Integrations
APPROVED

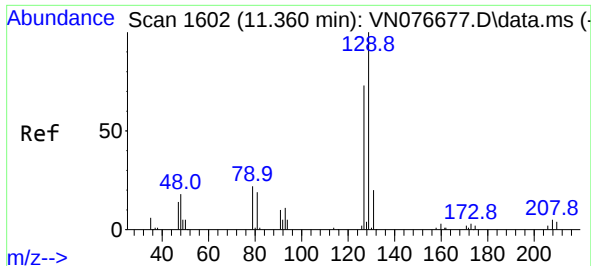
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#52
1,3-Dichloropropane
Concen: 19.486 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

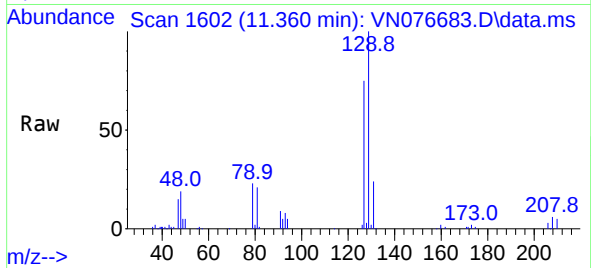
Tgt Ion: 76 Resp: 157238
Ion Ratio Lower Upper
76 100
78 33.4 0.0 65.4





#53
Dibromochloromethane
Concen: 19.716 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

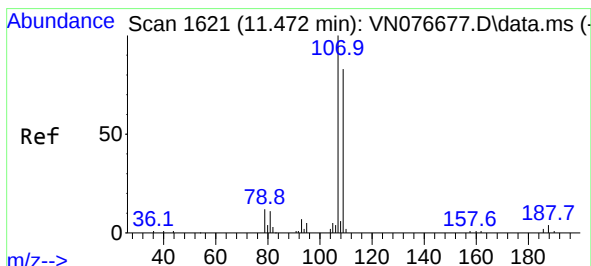
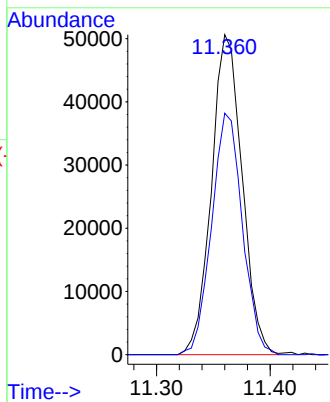
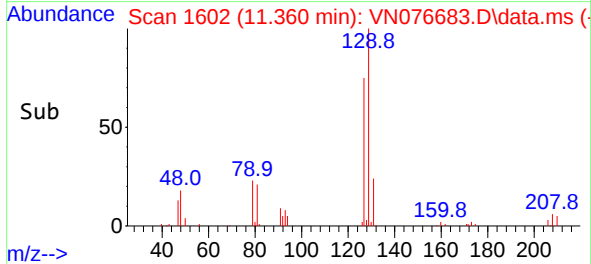
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



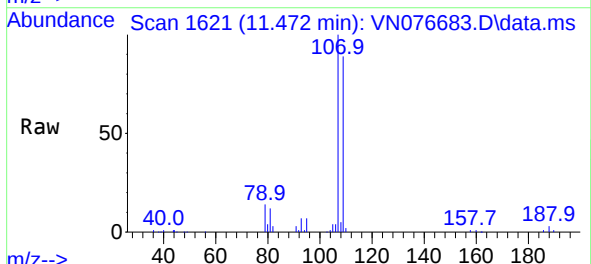
Tgt Ion:129 Resp: 9505
Ion Ratio Lower Upper
129 100
127 75.5 39.4 118.1

Manual Integrations
APPROVED

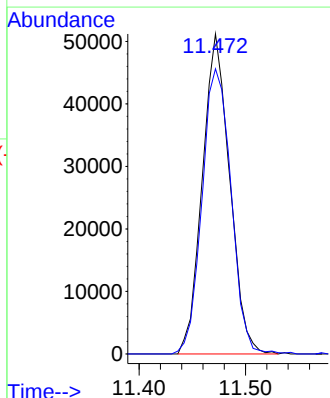
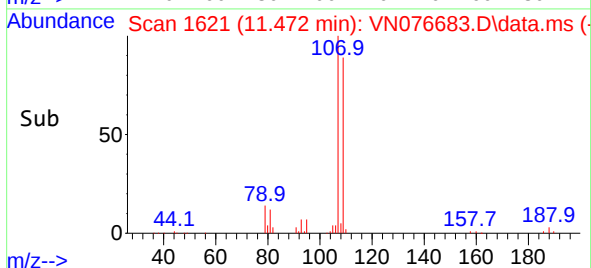
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

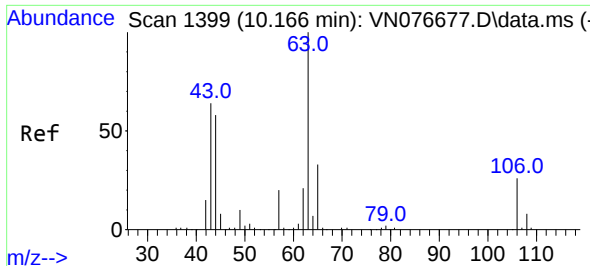


#54
1,2-Dibromoethane
Concen: 19.942 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



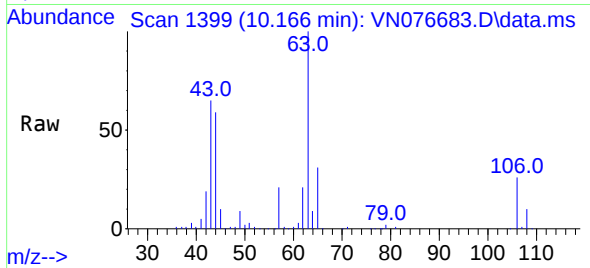
Tgt Ion:107 Resp: 91118
Ion Ratio Lower Upper
107 100
109 94.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 84.293 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

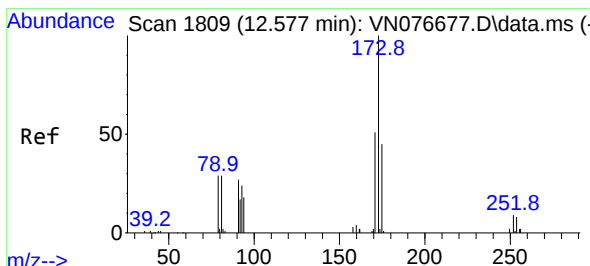
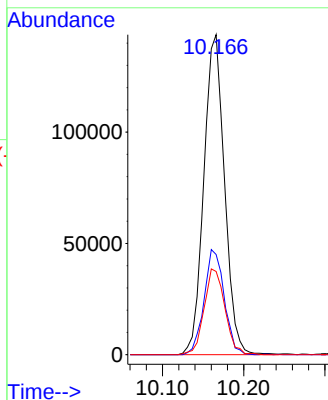
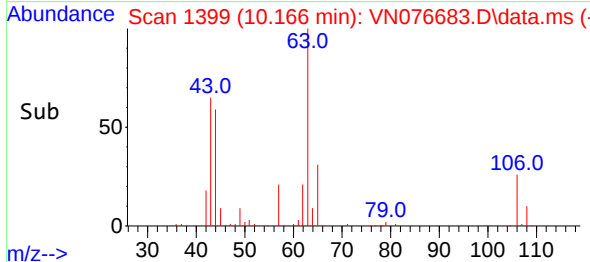
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion: 63 Resp: 25465
Ion Ratio Lower Upper
63 100
65 31.9 26.3 39.5
106 26.8 21.6 32.4

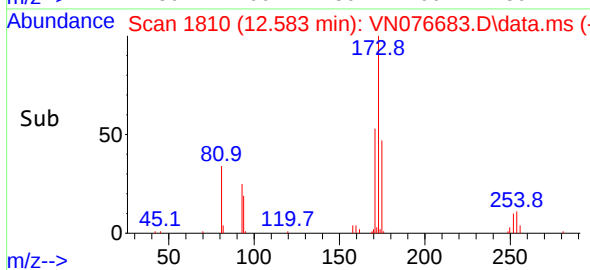
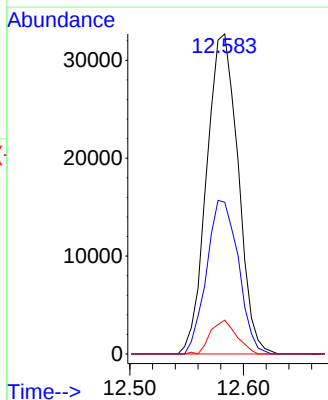
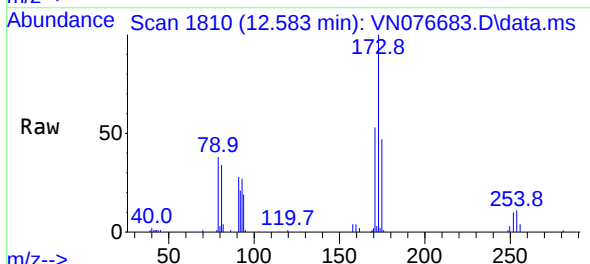
Manual Integrations
APPROVED

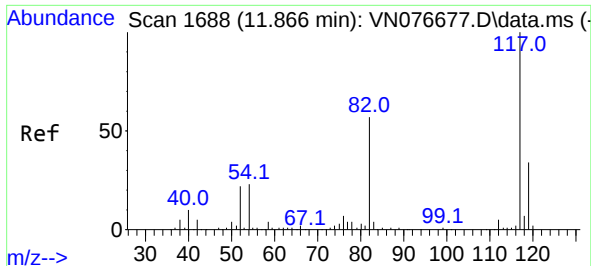
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
Bromoform
Concen: 18.948 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion:173 Resp: 62916
Ion Ratio Lower Upper
173 100
175 48.4 37.8 56.6
254 8.7 7.3 10.9





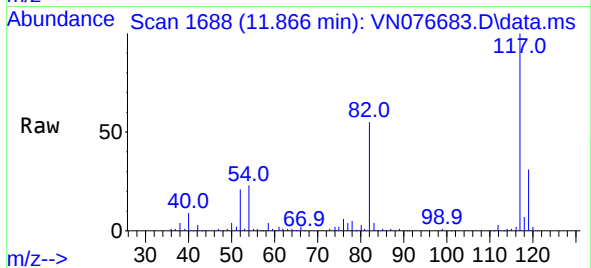
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523



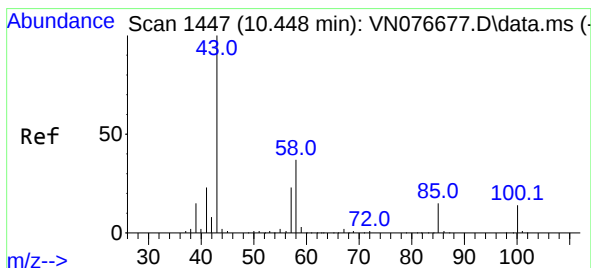
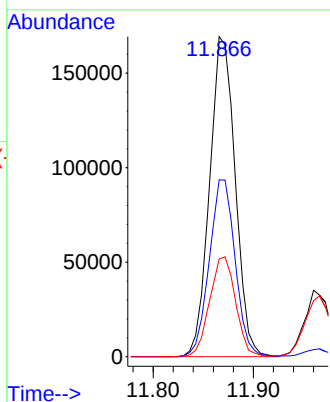
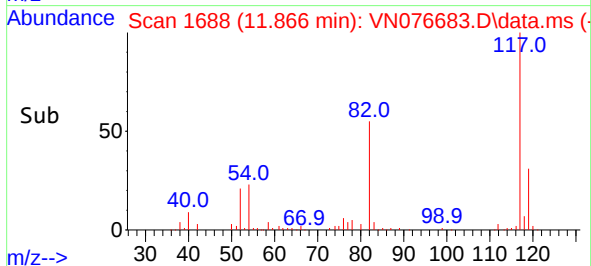
Tgt Ion:117 Resp: 300879
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.6 26.8 40.2

Manual Integrations

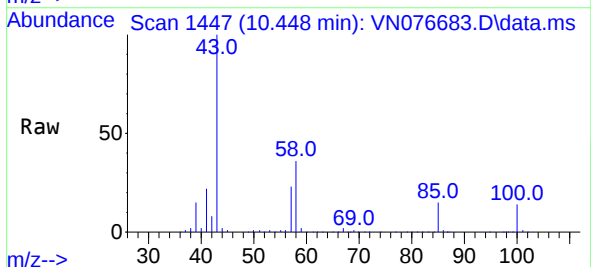
APPROVED

Reviewed By :John Carlone 02/16/2023

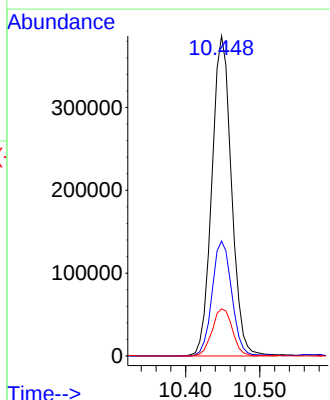
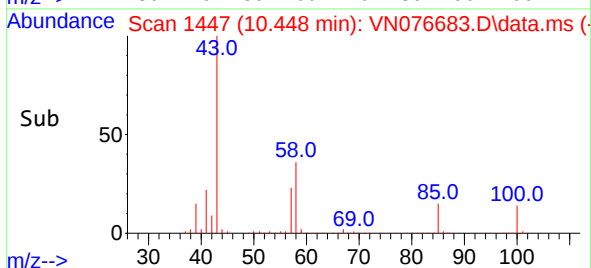
Supervised By :Mahesh Dadoda 02/18/2023

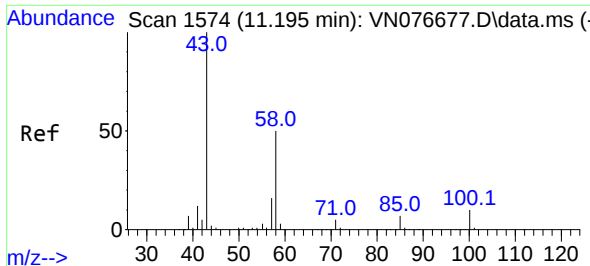


#58
4-Methyl-2-Pentanone
Concen: 99.335 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



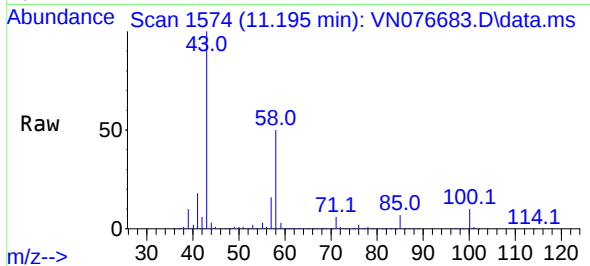
Tgt Ion: 43 Resp: 710849
Ion Ratio Lower Upper
43 100
58 35.9 28.6 42.8
85 15.2 11.8 17.8





#59
2-Hexanone
Concen: 99.615 ug/l
RT: 11.195 min Scan# 11574
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

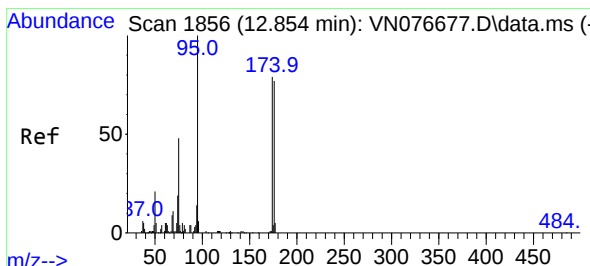
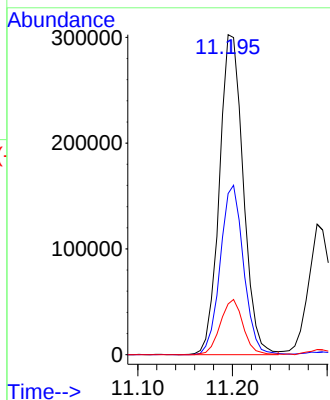
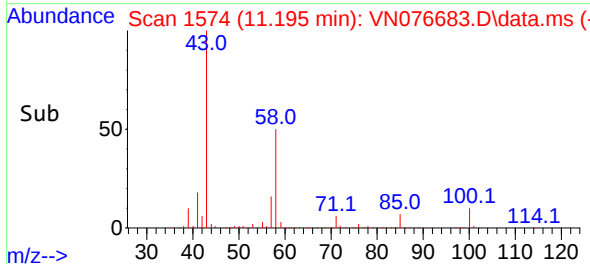
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



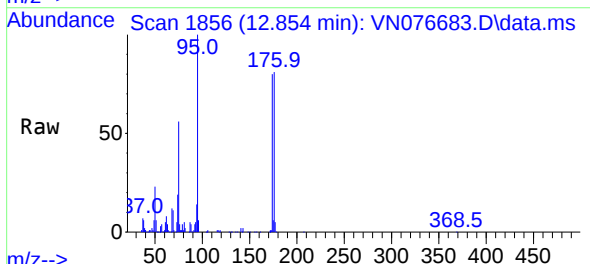
Tgt Ion: 43 Resp: 530230
Ion Ratio Lower Upper
43 100
58 51.7 40.6 60.8
57 16.4 13.1 19.7

Manual Integrations
APPROVED

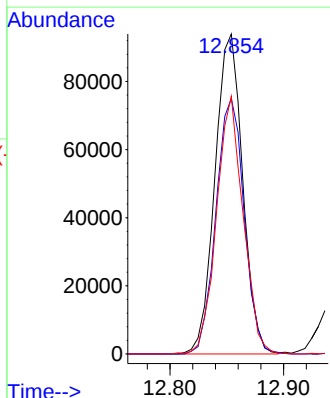
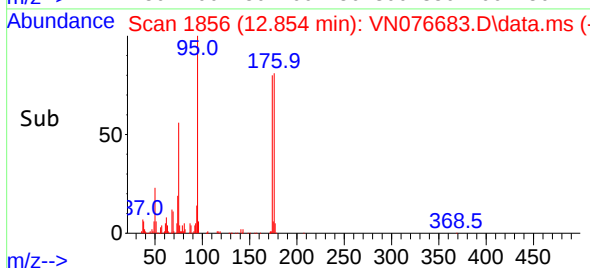
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

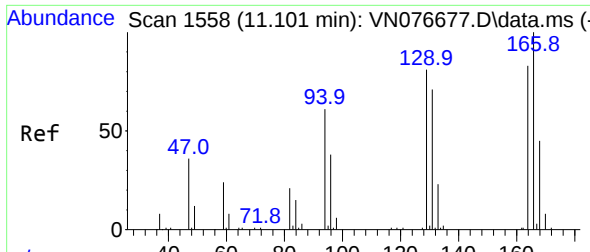


#60
4-Bromofluorobenzene
Concen: 29.878 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion: 95 Resp: 159007
Ion Ratio Lower Upper
95 100
174 81.2 64.2 96.4
176 77.3 61.4 92.0





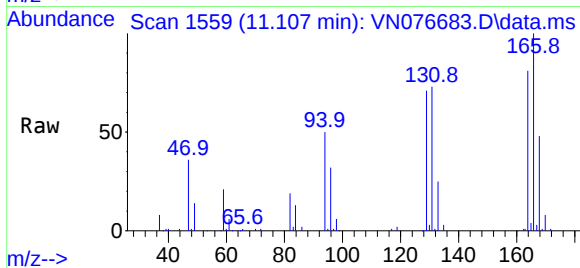
#61
Tetrachloroethene
Concen: 19.649 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523

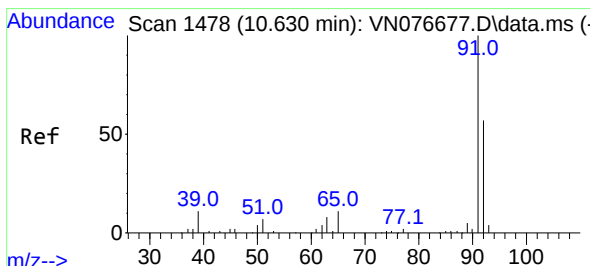
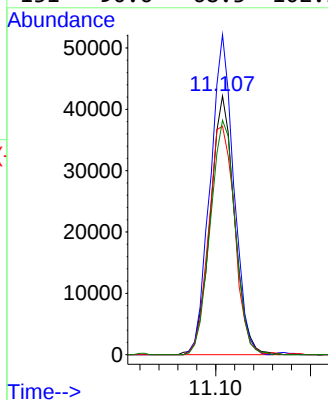
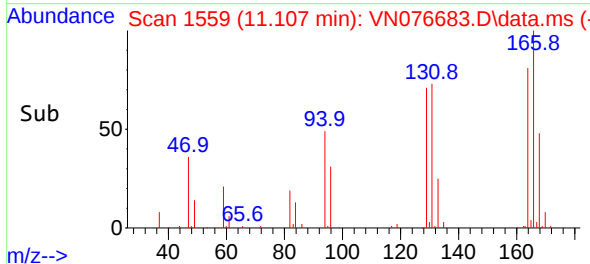


Tgt Ion:164 Resp: 74658
Ion Ratio Lower Upper
164 100
166 123.7 96.2 144.2
129 88.3 78.2 117.4
131 90.6 68.3 102.5

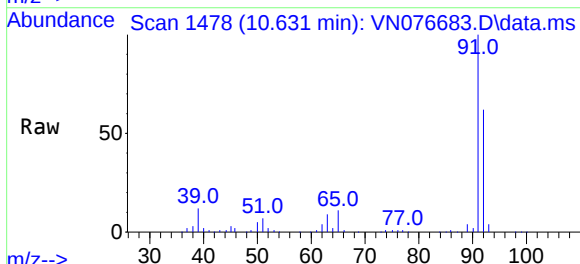
Manual Integrations

APPROVED

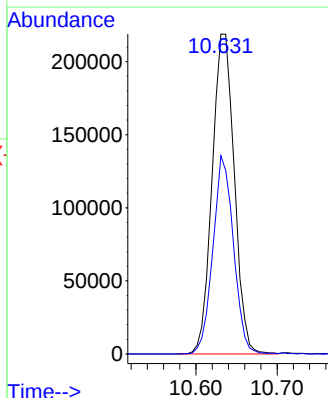
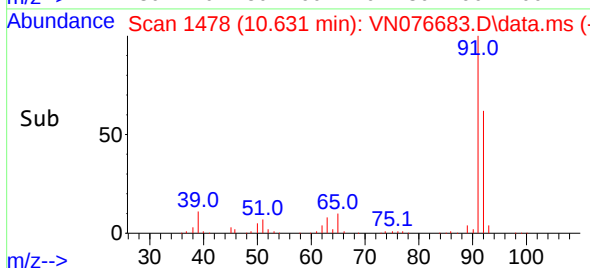
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

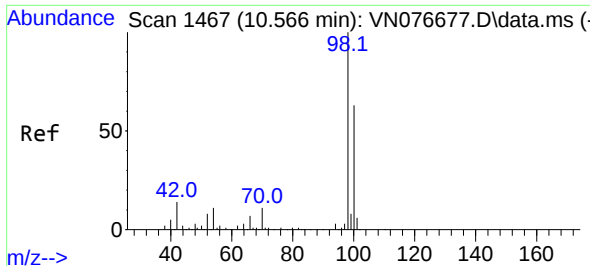


#62
Toluene
Concen: 19.769 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



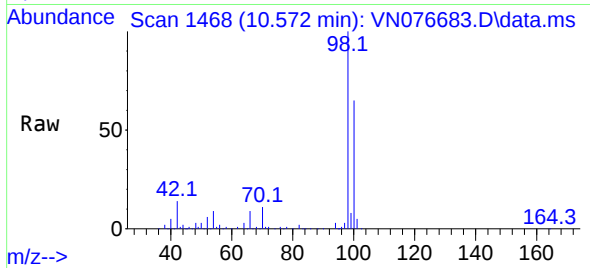
Tgt Ion: 91 Resp: 415690
Ion Ratio Lower Upper
91 100
92 57.5 46.3 69.5





#63
Toluene-d8
Concen: 29.746 ug/l
RT: 10.572 min Scan# 1467
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

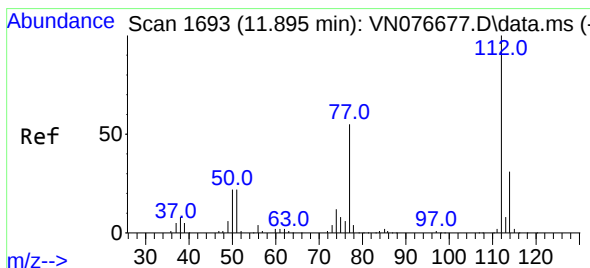
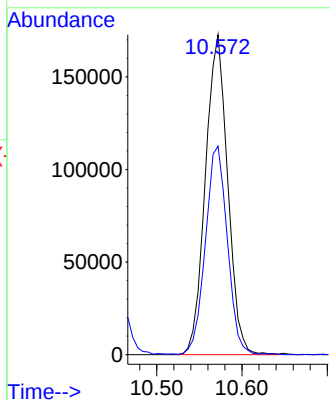
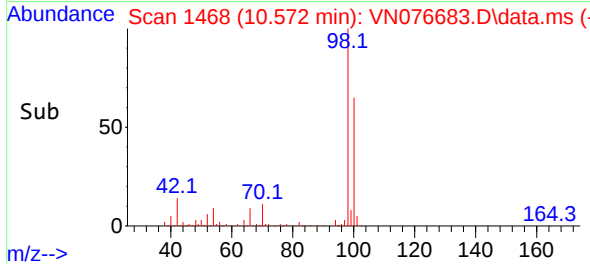
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



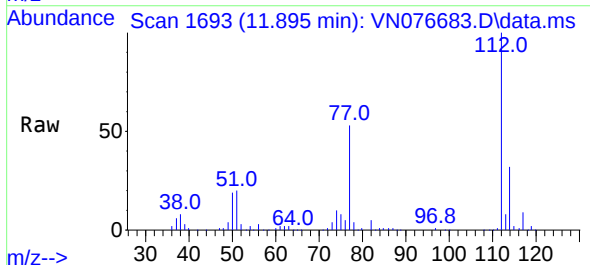
Tgt Ion: 98 Resp: 31349
Ion Ratio Lower Upper
98 100
100 64.3 53.8 80.6

Manual Integrations
APPROVED

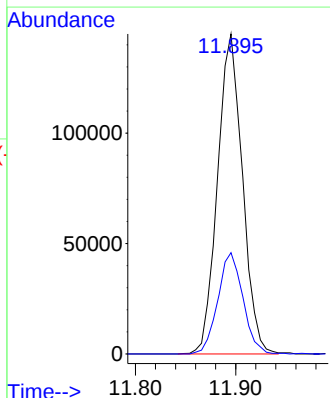
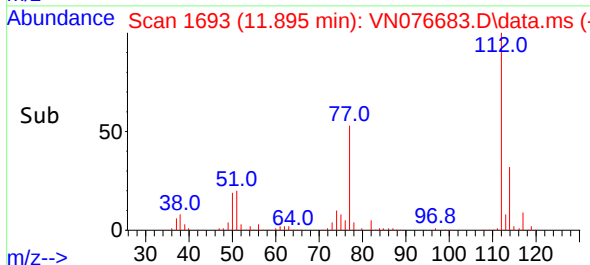
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

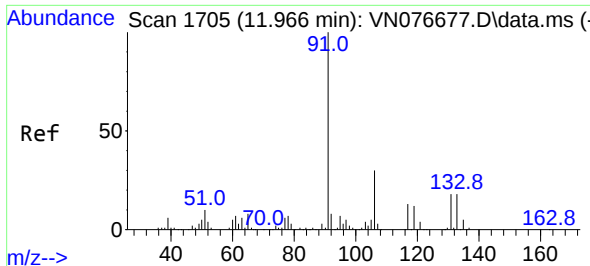


#64
Chlorobenzene
Concen: 19.933 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion:112 Resp: 249713
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7





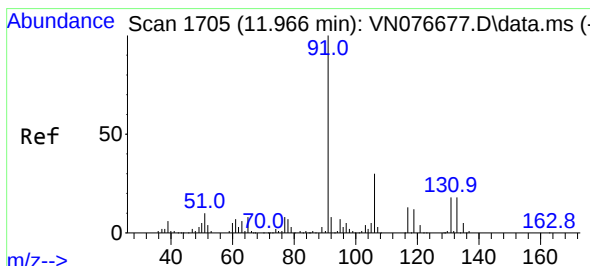
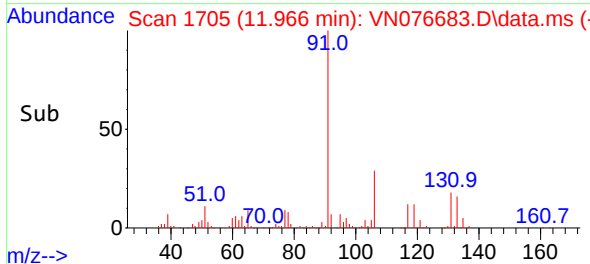
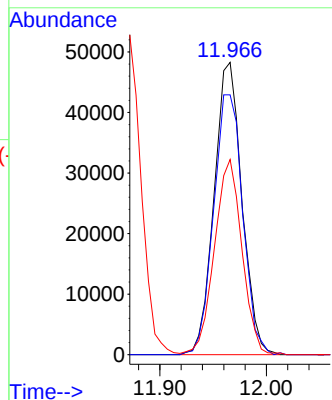
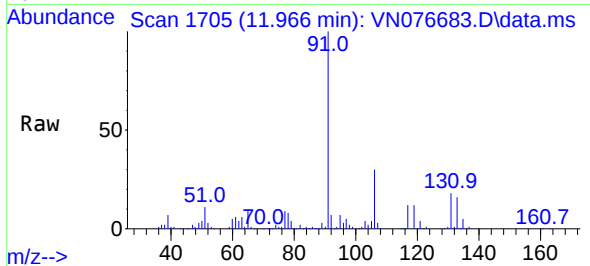
#65
1,1,1,2-Tetrachloroethane
Concen: 19.064 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion:131 Resp: 87550
Ion Ratio Lower Upper
131 100
133 93.0 0.0 197.6
119 65.9 0.0 127.8

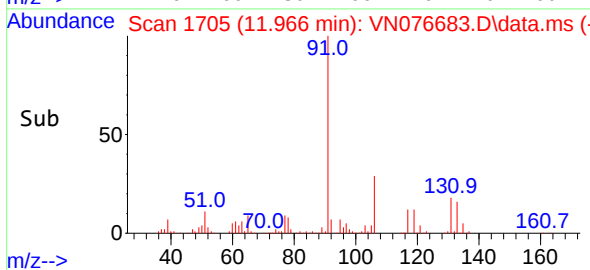
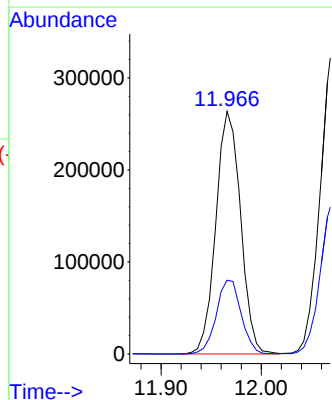
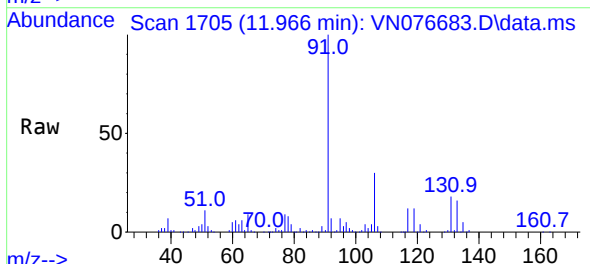
Manual Integrations
APPROVED

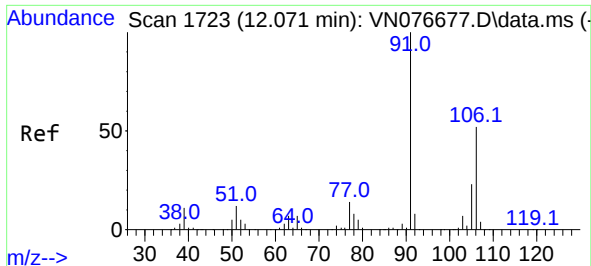
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Ethyl Benzene
Concen: 20.171 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion: 91 Resp: 450896
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8





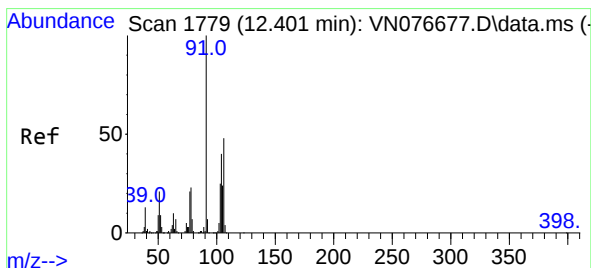
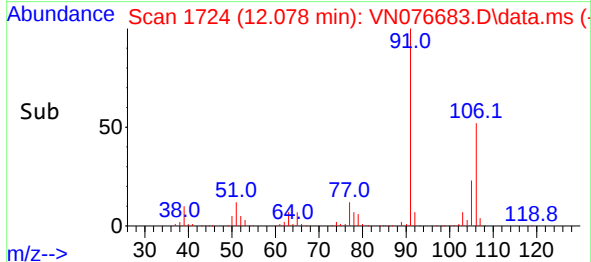
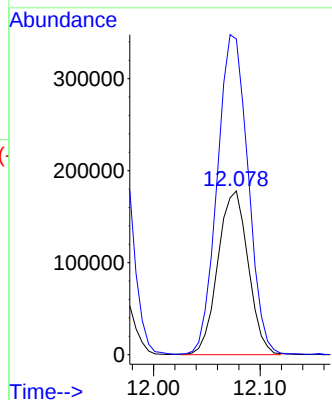
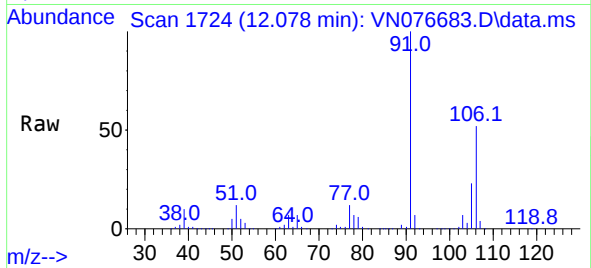
#67
m/p-Xylenes
Concen: 40.208 ug/l
RT: 12.078 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion:106 Resp: 35147
Ion Ratio Lower Upper
106 100
91 199.0 157.4 236.2

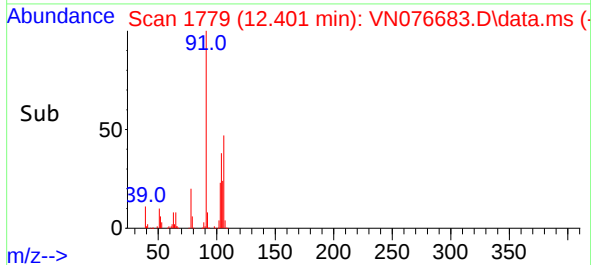
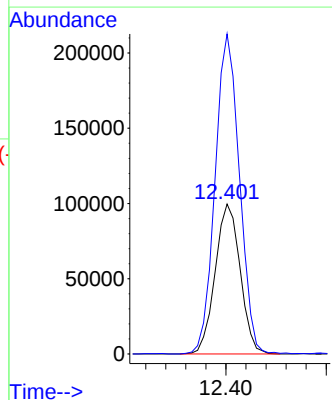
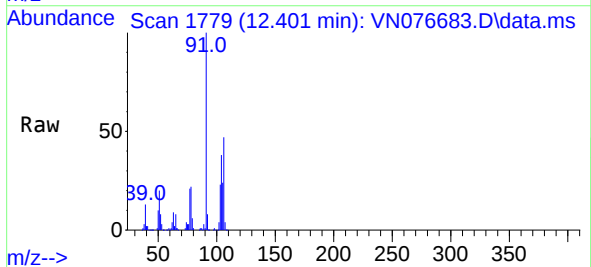
Manual Integrations
APPROVED

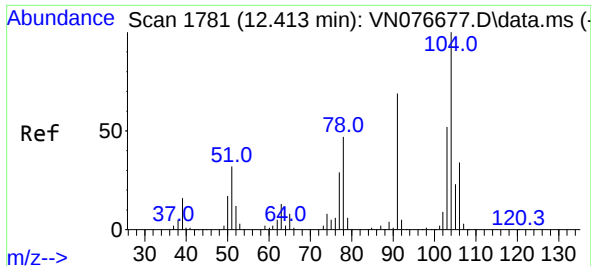
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#68
o-Xylene
Concen: 19.966 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

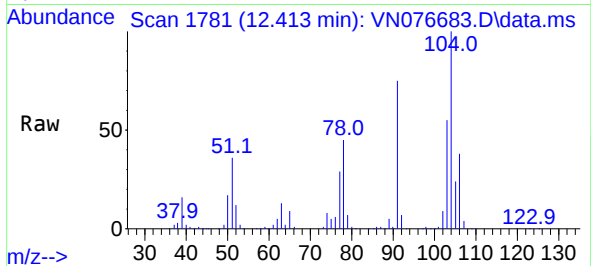
Tgt Ion:106 Resp: 171992
Ion Ratio Lower Upper
106 100
91 208.6 107.2 321.6





#69
Styrene
Concen: 20.177 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

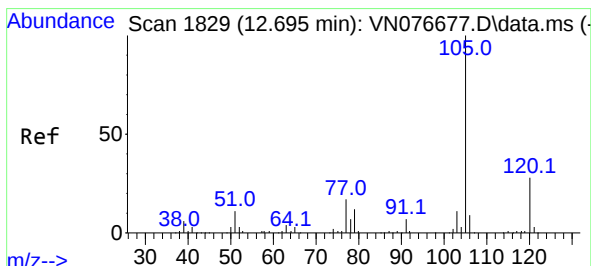
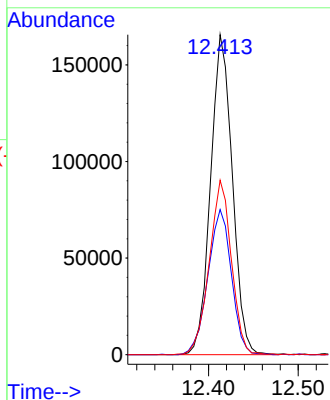
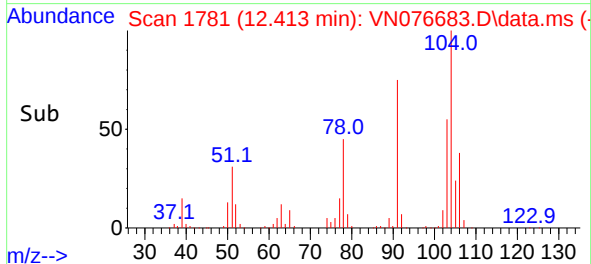
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



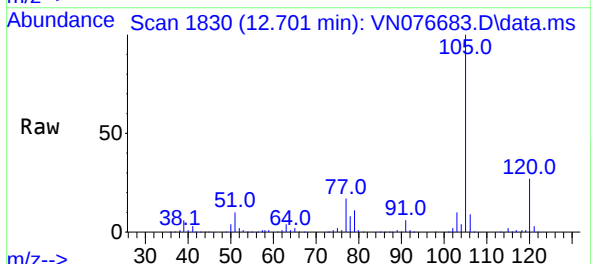
Tgt Ion:104 Resp: 279039
Ion Ratio Lower Upper
104 100
78 48.9 39.6 59.4
103 55.3 43.9 65.9

Manual Integrations
APPROVED

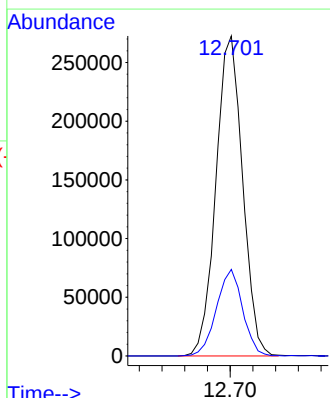
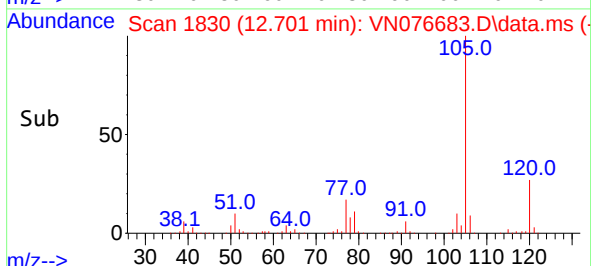
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

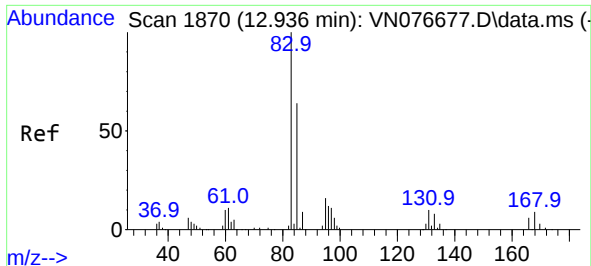


#70
Isopropylbenzene
Concen: 20.212 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



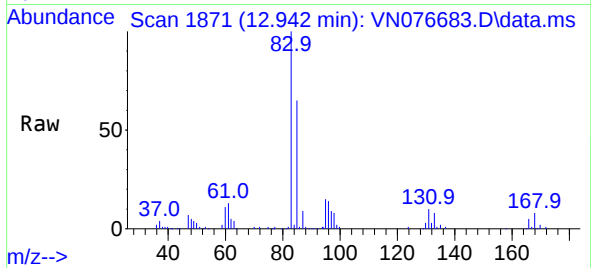
Tgt Ion:105 Resp: 444206
Ion Ratio Lower Upper
105 100
120 26.6 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.158 ug/l
RT: 12.942 min Scan# 1870
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

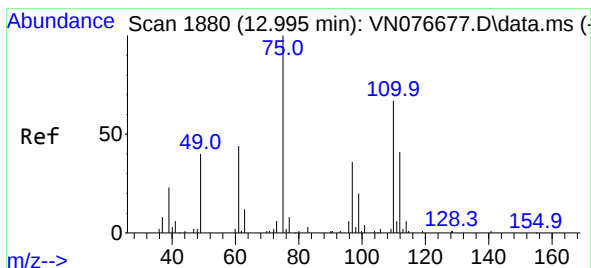
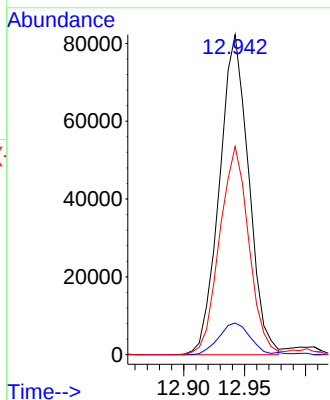
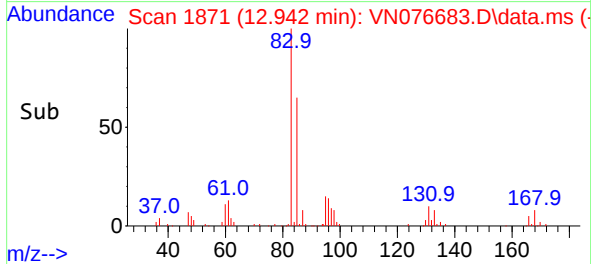
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



Tgt Ion: 83 Resp: 137745
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 65.0 32.3 96.9

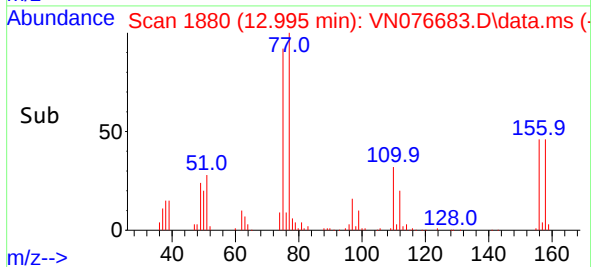
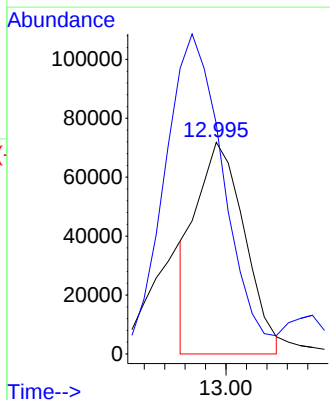
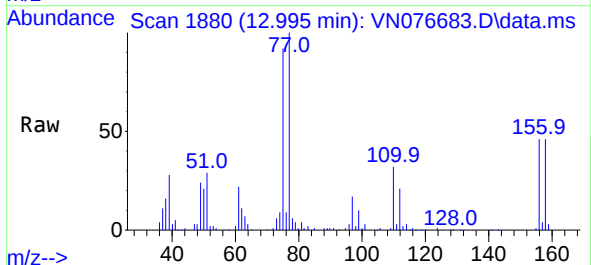
Manual Integrations
APPROVED

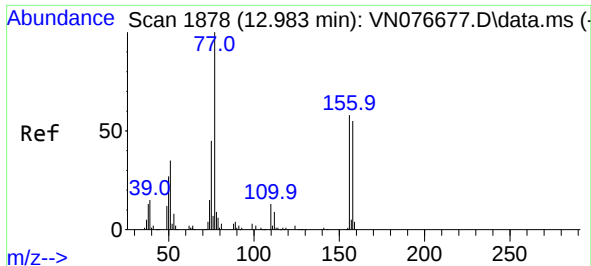
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#72
1,2,3-Trichloropropane
Concen: 18.720 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

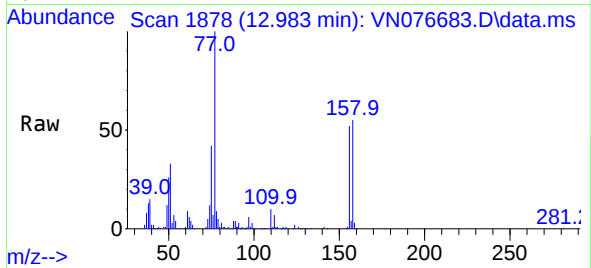
Tgt Ion: 75 Resp: 118565
Ion Ratio Lower Upper
75 100
77 185.2 0.0 332.6





#73
Bromobenzene
Concen: 19.247 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

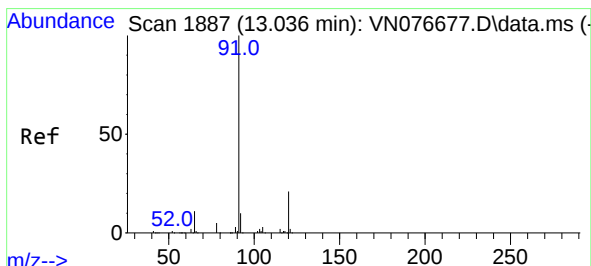
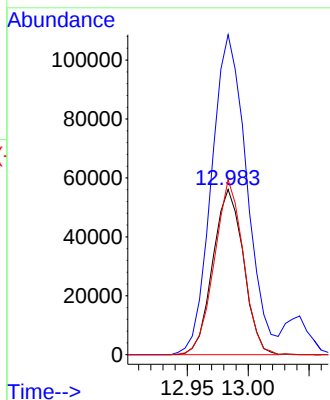
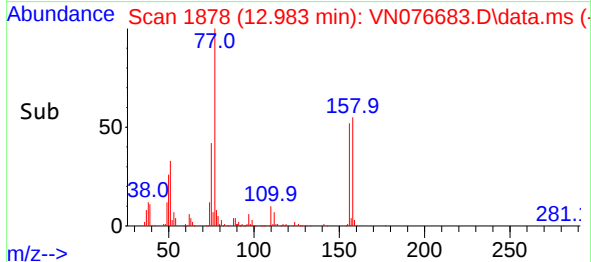
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



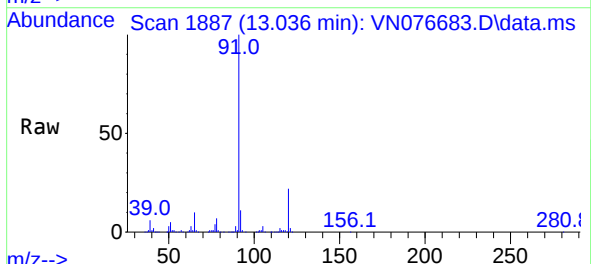
Tgt Ion:156 Resp: 9814
Ion Ratio Lower Upper
156 100
77 223.7 0.0 423.0
158 100.1 0.0 188.6

Manual Integrations
APPROVED

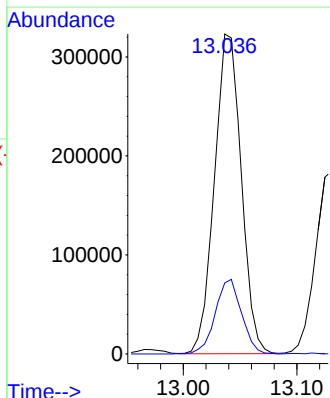
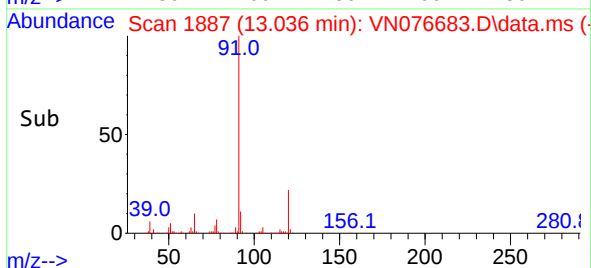
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

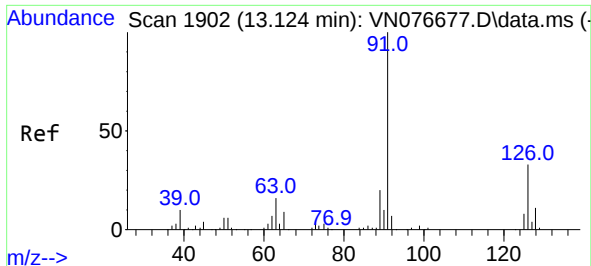


#74
n-propylbenzene
Concen: 20.244 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion: 91 Resp: 529878
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.0





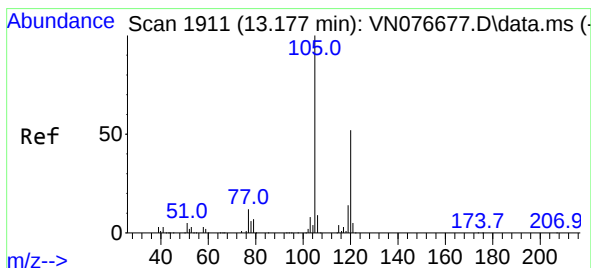
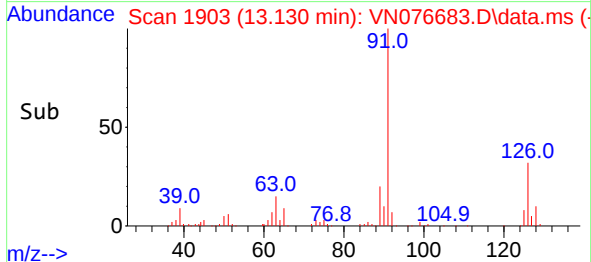
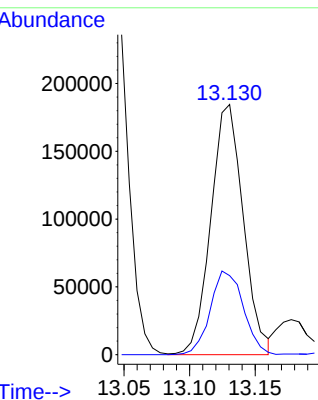
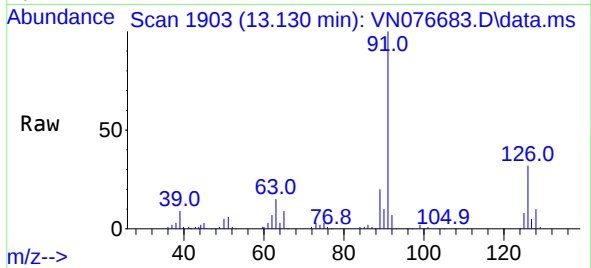
#75
2-Chlorotoluene
Concen: 20.410 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion: 91 Resp: 317890
Ion Ratio Lower Upper
91 100
126 34.0 0.0 66.4

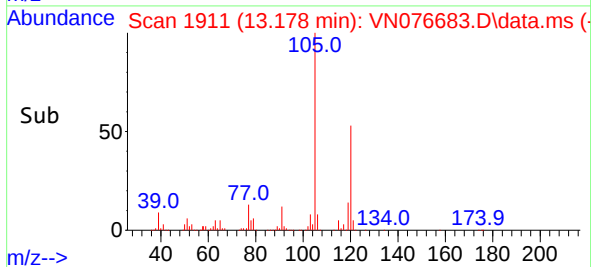
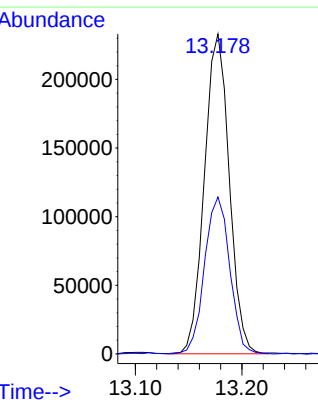
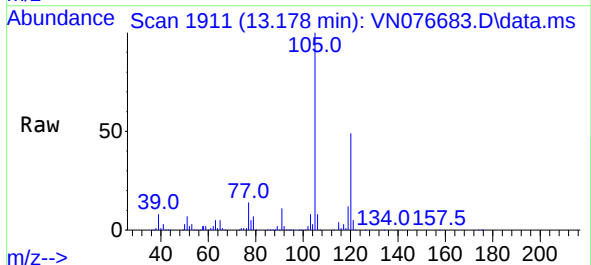
Manual Integrations
APPROVED

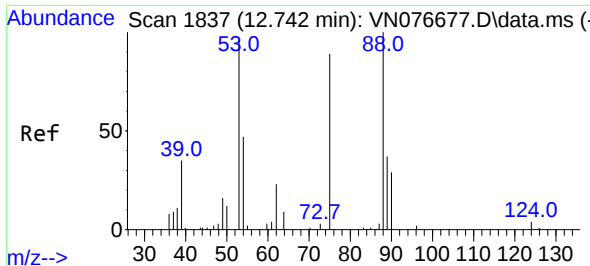
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.615 ug/l
RT: 13.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

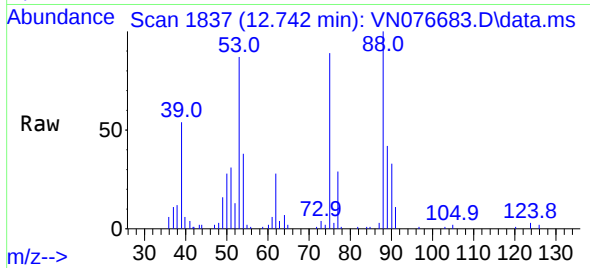
Tgt Ion:105 Resp: 377854
Ion Ratio Lower Upper
105 100
120 49.7 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.197 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

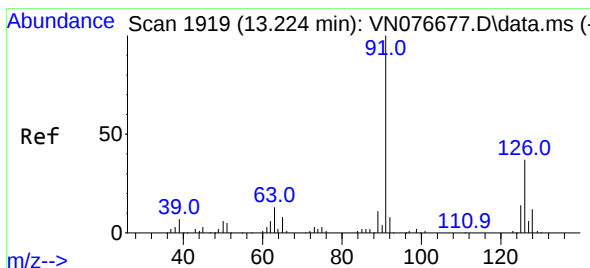
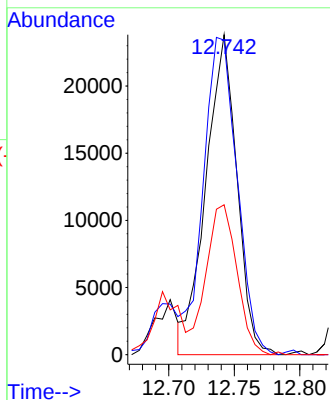
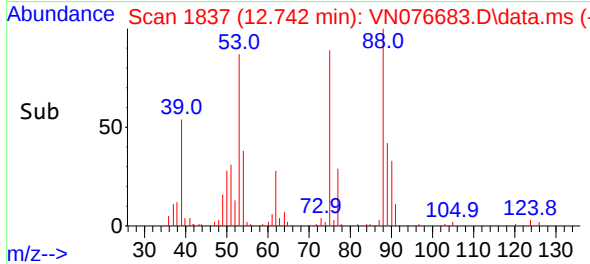
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



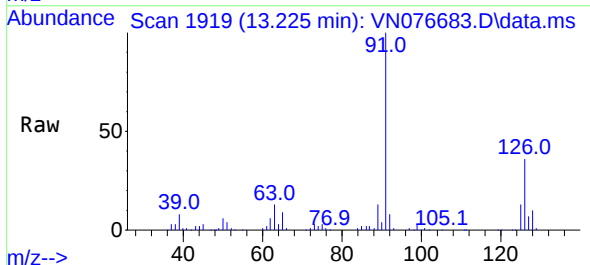
Tgt Ion: 75 Resp: 39064
Ion Ratio Lower Upper
75 100
53 98.3 50.4 151.3
89 46.0 22.1 66.5

Manual Integrations
APPROVED

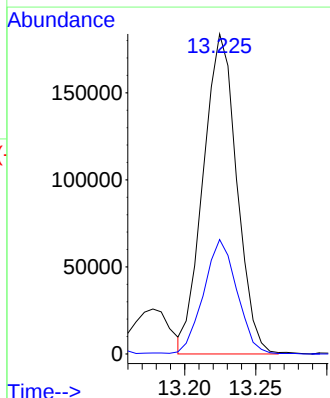
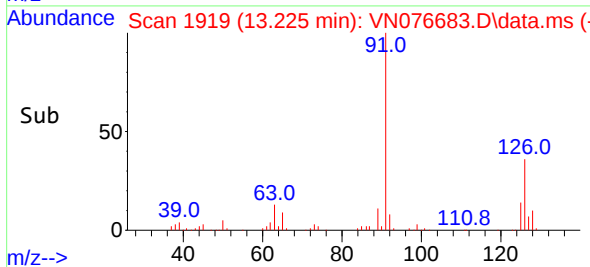
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

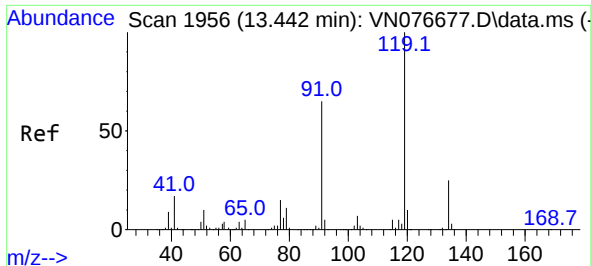


#78
4-Chlorotoluene
Concen: 20.268 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion: 91 Resp: 302635
Ion Ratio Lower Upper
91 100
126 35.4 0.0 70.6





#79

tert-butylbenzene

Concen: 20.356 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN076683.D

Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523

Tgt Ion:119 Resp: 330340

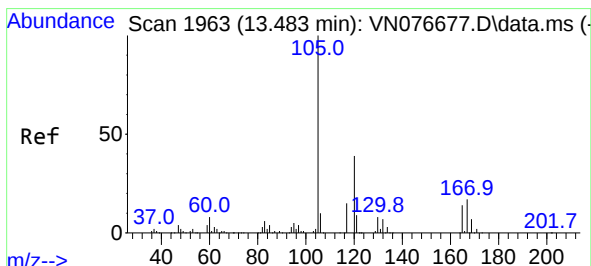
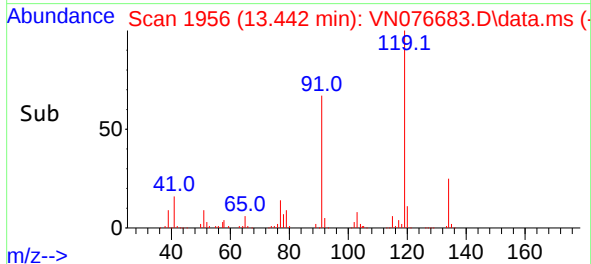
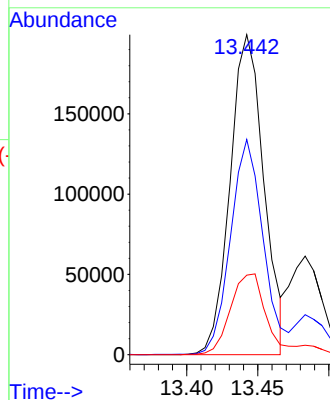
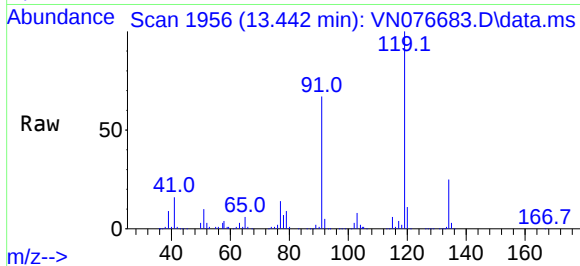
Ion	Ratio	Lower	Upper
119	100		
91	65.2	0.0	129.6
134	26.7	0.0	47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#80

1,2,4-Trimethylbenzene

Concen: 20.841 ug/l

RT: 13.483 min Scan# 1963

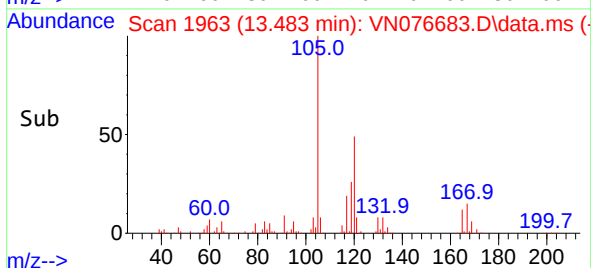
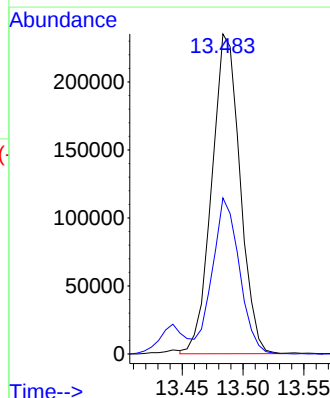
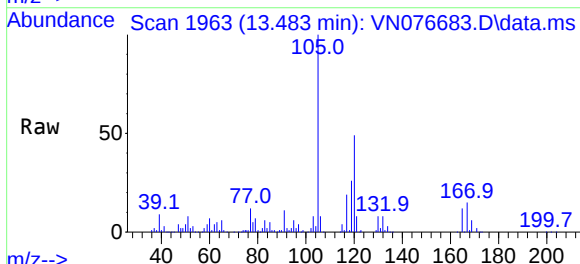
Delta R.T. 0.000 min

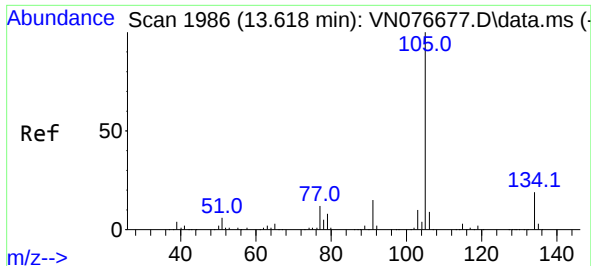
Lab File: VN076683.D

Acq: 15 Feb 2023 13:30

Tgt Ion:105 Resp: 379296

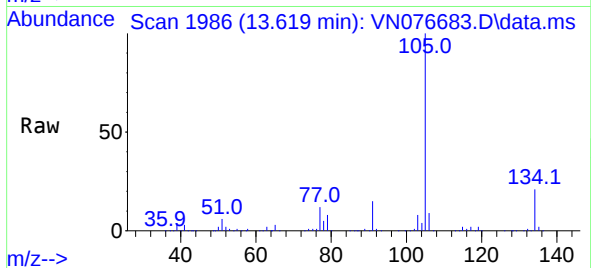
Ion	Ratio	Lower	Upper
105	100		
120	46.4	0.0	93.2





#81
 sec-Butylbenzene
 Concen: 20.856 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076683.D
 Acq: 15 Feb 2023 13:30

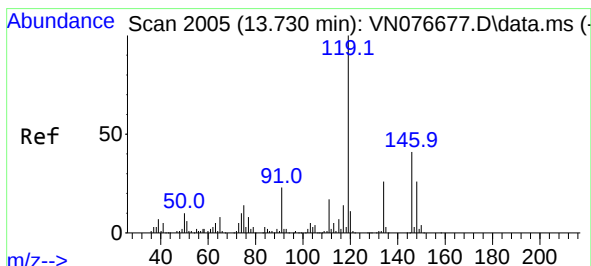
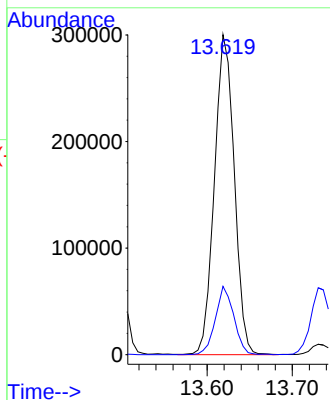
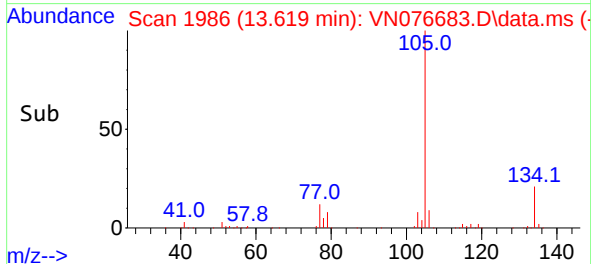
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021523



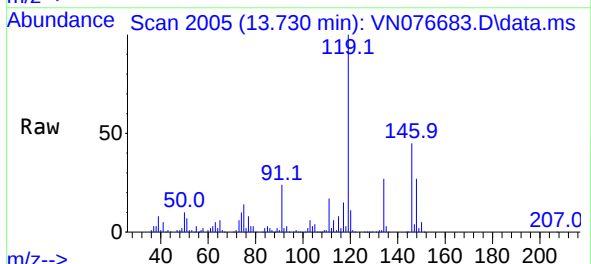
Tgt Ion:105 Resp: 486030
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

Manual Integrations
 APPROVED

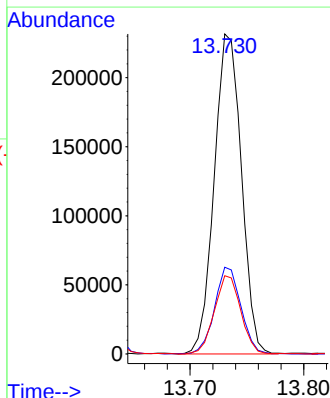
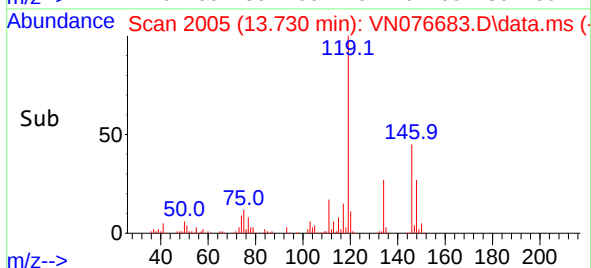
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

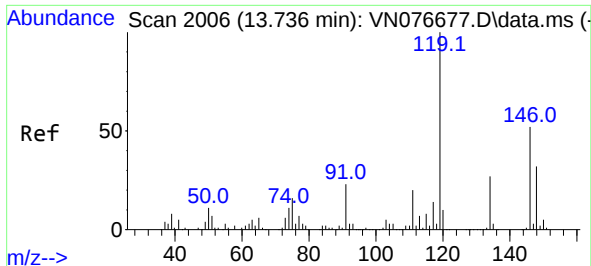


#82
 p-Isopropyltoluene
 Concen: 20.386 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076683.D
 Acq: 15 Feb 2023 13:30



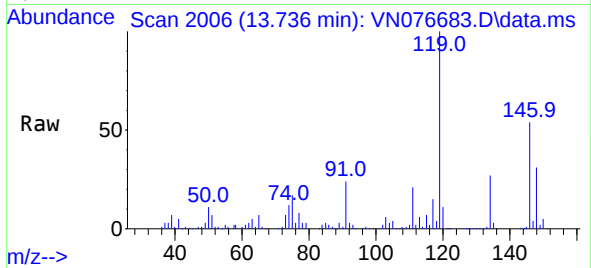
Tgt Ion:119 Resp: 385177
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.4
 91 23.7 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.110 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

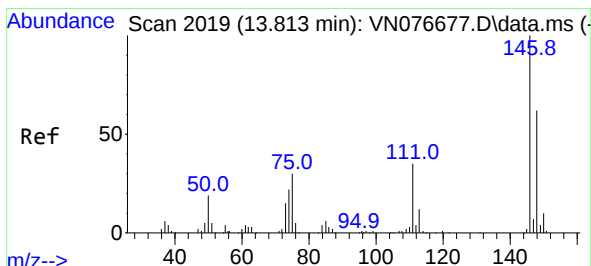
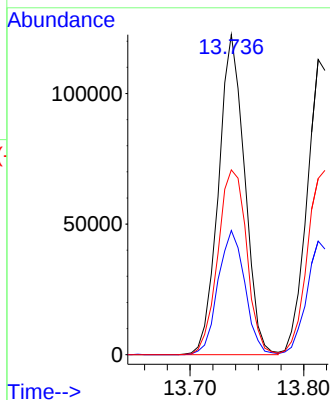
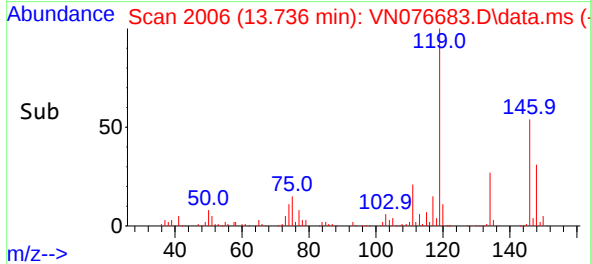
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



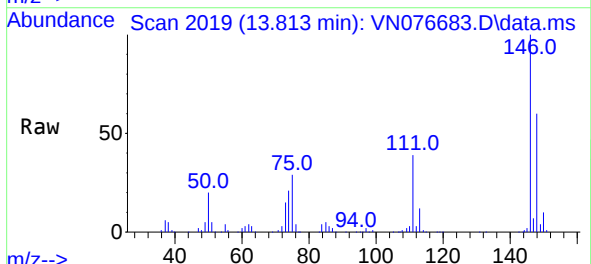
Tgt Ion:146 Resp: 195944
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.8
148 63.8 31.9 95.5

Manual Integrations
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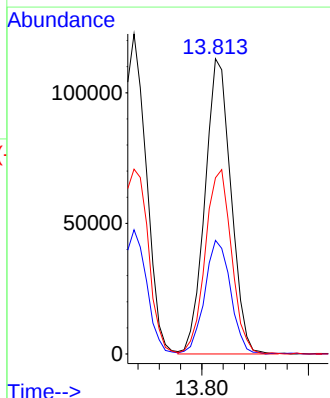
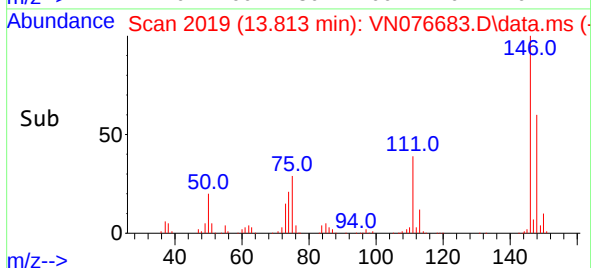
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

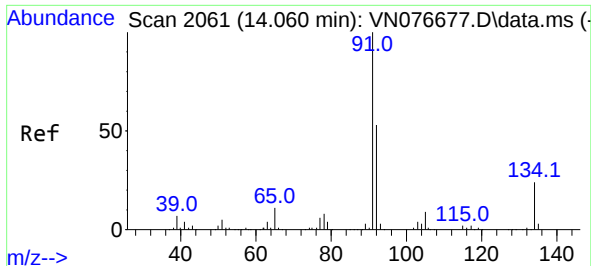


#84
1,4-Dichlorobenzene
Concen: 20.231 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



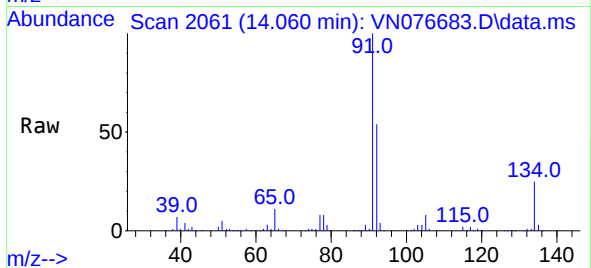
Tgt Ion:146 Resp: 192269
Ion Ratio Lower Upper
146 100
111 38.2 18.2 54.6
148 63.1 31.1 93.2





#85
n-Butylbenzene
Concen: 20.764 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

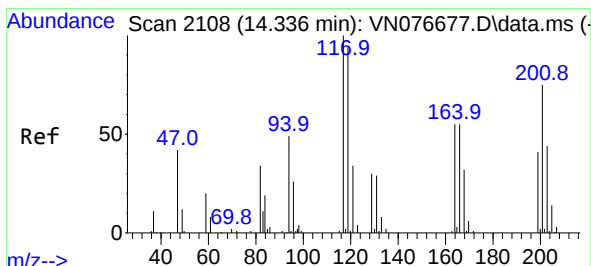
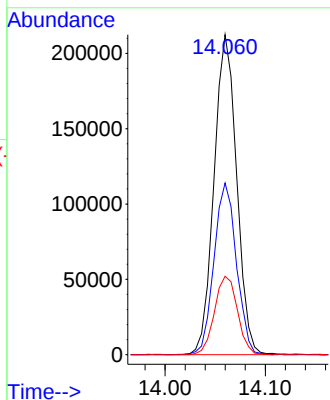
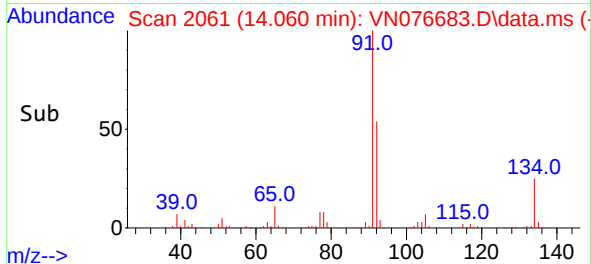
Instrument :
MSVOA_N
ClientSampleId :
ICNVN021523



Tgt Ion: 91 Resp: 332500
Ion Ratio Lower Upper
91 100
92 53.2 0.0 103.2
134 24.9 0.0 50.0

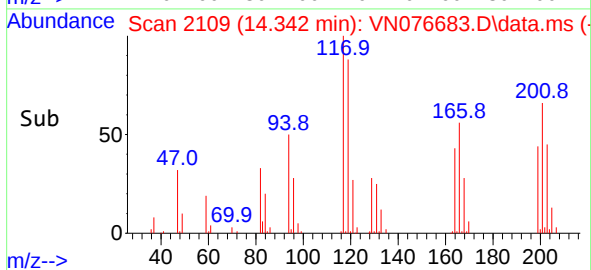
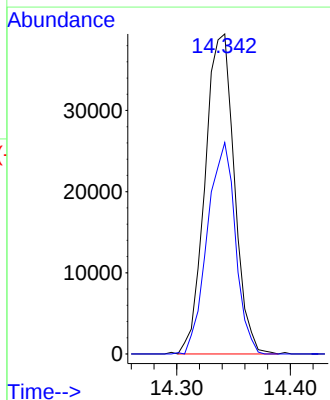
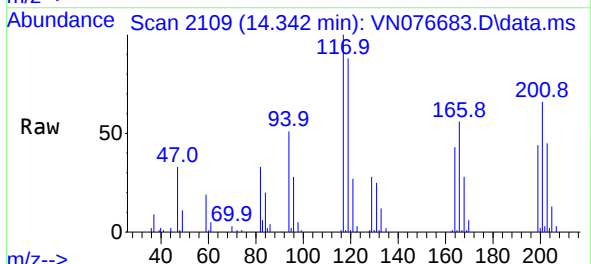
Manual Integrations
APPROVED

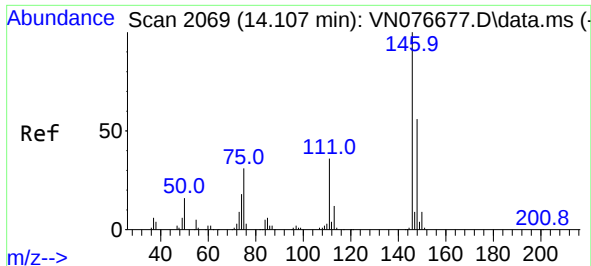
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#86
Hexachloroethane
Concen: 19.292 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion:117 Resp: 70562
Ion Ratio Lower Upper
117 100
201 63.1 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 19.925 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VN076683.D

Acq: 15 Feb 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021523

Tgt Ion:146 Resp: 195214

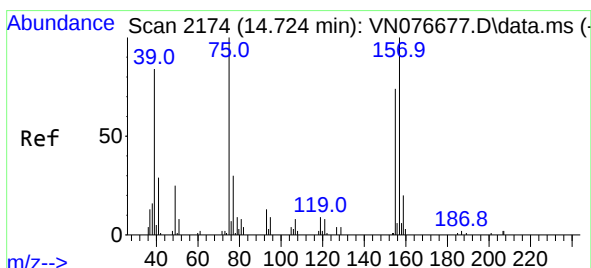
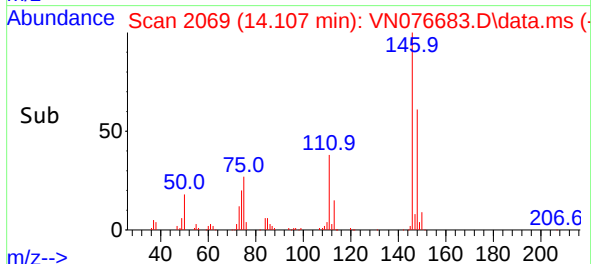
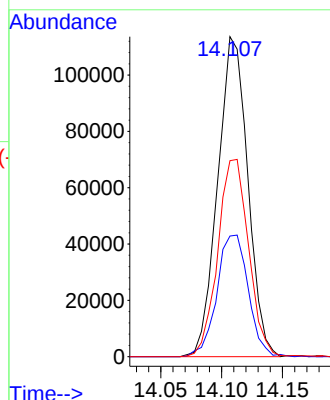
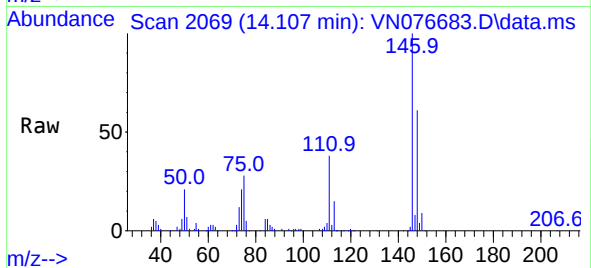
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.5	61.6
148	63.2	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.350 ug/l

RT: 14.725 min Scan# 2174

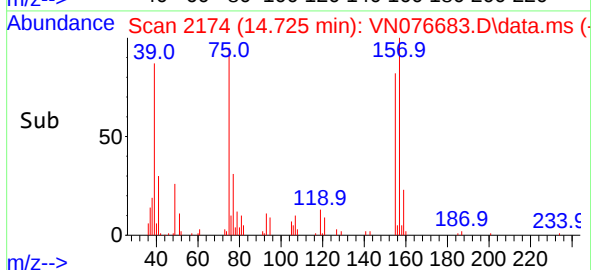
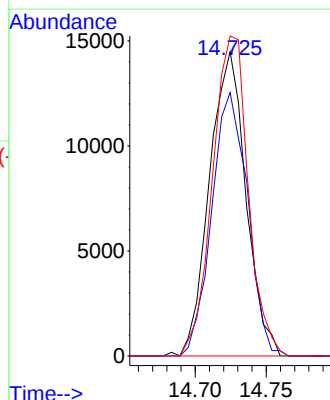
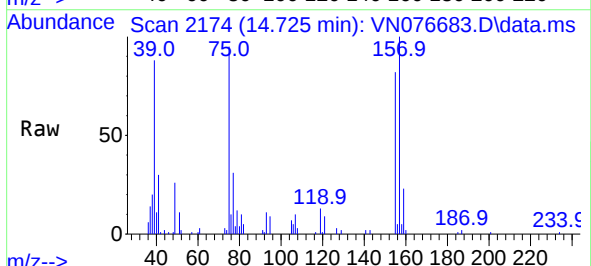
Delta R.T. 0.000 min

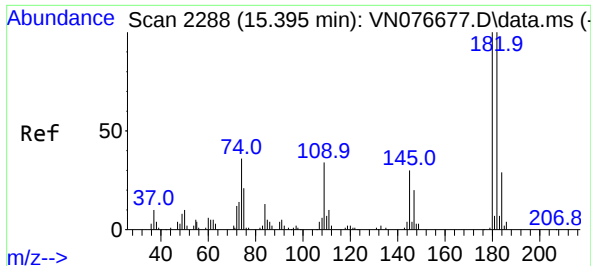
Lab File: VN076683.D

Acq: 15 Feb 2023 13:30

Tgt Ion: 75 Resp: 25790

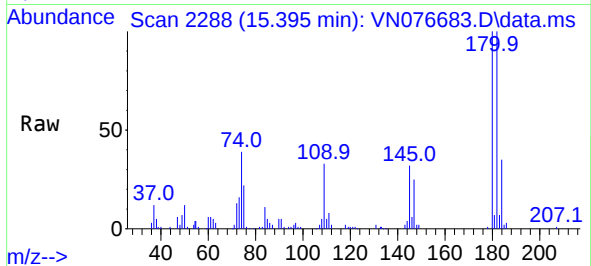
Ion	Ratio	Lower	Upper
75	100		
155	85.3	62.5	93.7
157	103.4	77.5	116.3





#89
1,2,4-Trichlorobenzene
Concen: 19.252 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

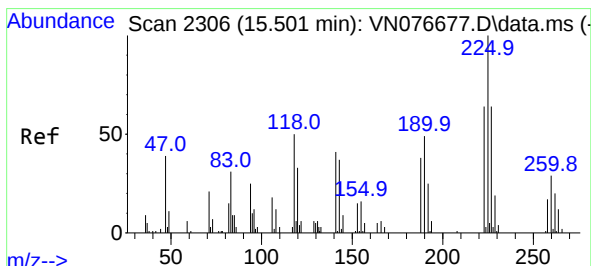
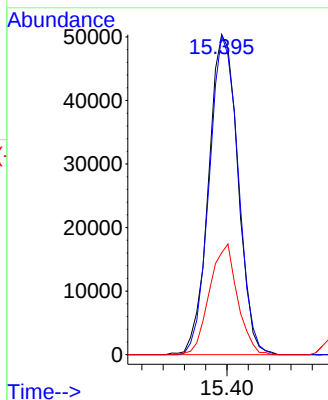
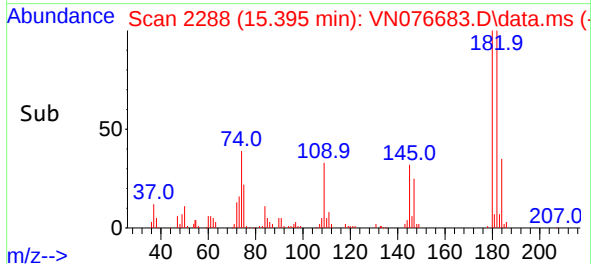
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523



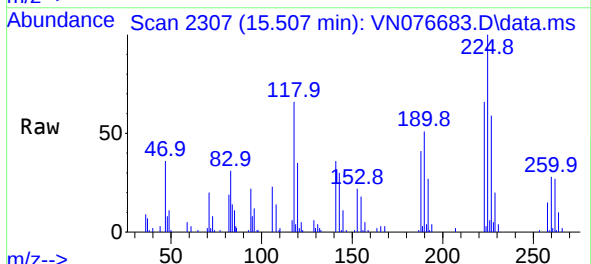
Tgt Ion:180 Resp: 96224
Ion Ratio Lower Upper
180 100
182 97.8 76.6 115.0
145 32.9 24.6 36.8

Manual Integrations
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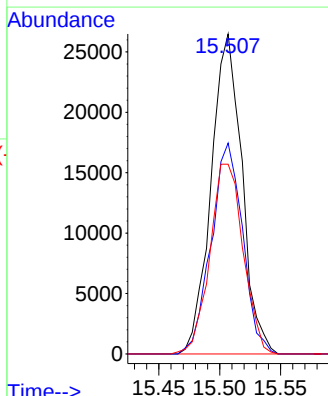
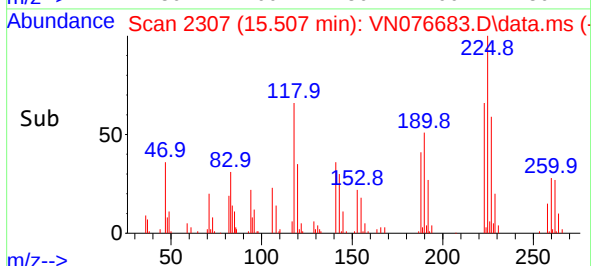
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

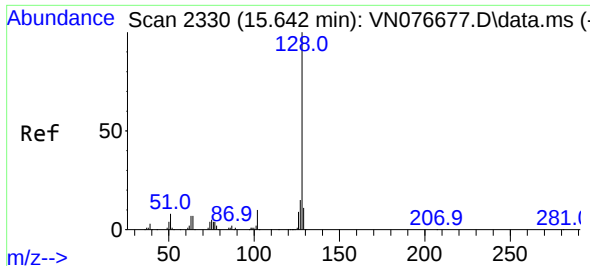


#90
Hexachlorobutadiene
Concen: 19.383 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30



Tgt Ion:225 Resp: 46671
Ion Ratio Lower Upper
225 100
223 67.3 0.0 135.4
227 64.1 0.0 129.4





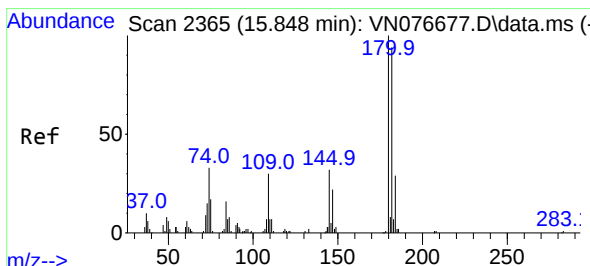
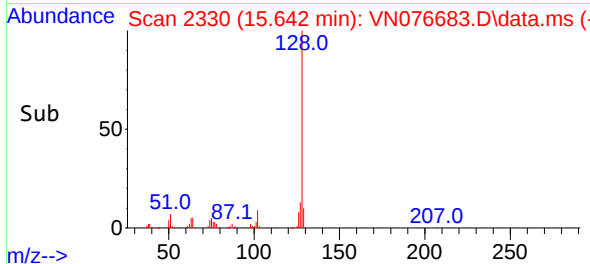
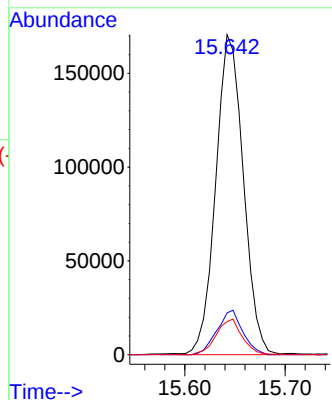
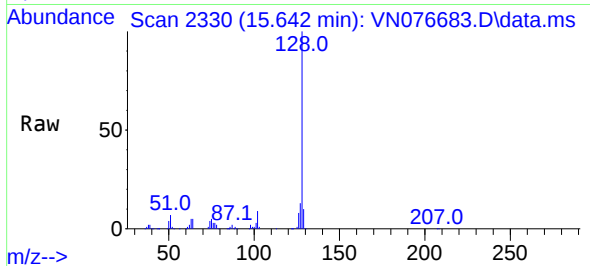
#91
Naphthalene
Concen: 20.261 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021523

Tgt Ion:128 Resp: 32560
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.6
129 10.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.337 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN076683.D
Acq: 15 Feb 2023 13:30

Tgt Ion:180 Resp: 98097
Ion Ratio Lower Upper
180 100
182 93.7 0.0 190.8
145 31.8 0.0 65.0

