

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076889.D
 Acq On : 08 Mar 2023 20:23
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN030823

Quant Time: Mar 09 04:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

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

Internal Standards						
1) Bromochloromethane	7.825	128	46729	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	345462	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	377024	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	132674	30.889	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.967%			
60) 4-Bromofluorobenzene	12.848	95	217210	30.440	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.467%			
63) Toluene-d8	10.571	98	396089	29.869	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.567%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	119954	20.060	ug/l	96
3) Chloromethane	2.378	50	101367	18.547	ug/l	95
4) Vinyl Chloride	2.531	62	96072	19.276	ug/l	95
5) Bromomethane	2.984	94	60339	18.931	ug/l	87
6) Chloroethane	3.143	64	53913	18.409	ug/l	93
7) Trichlorofluoromethane	3.519	101	182872	19.641	ug/l	97
8) Diethyl Ether	3.978	74	69845	20.003	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.390	101	105123	19.930	ug/l	80
10) 1,1-Dichloroethene	4.360	96	99053	19.347	ug/l	96
11) Methyl Iodide	4.607	142	115608	18.740	ug/l	91
12) Methyl Acetate	5.048	43	166919	19.823	ug/l	97
13) Acrolein	4.195	56	112663	90.502	ug/l	97
14) Acrylonitrile	5.731	53	267618	96.476	ug/l #	64
15) Acetone	4.437	58	74199	98.287	ug/l #	68
16) Carbon Disulfide	4.731	76	283634	19.980	ug/l	97
17) Allyl chloride	5.037	41	157540	20.516	ug/l	91
18) Methylene Chloride	5.295	84	116440	19.444	ug/l	87
19) trans-1,2-Dichloroethene	5.801	96	110301	20.446	ug/l	94
20) Diisopropyl ether	6.684	45	348013	20.089	ug/l	95
21) 1,1-Dichloroethane	6.578	63	203297	19.720	ug/l	96
22) cis-1,2-Dichloroethene	7.495	96	123907	20.042	ug/l	96
23) tert-Butyl Alcohol	5.531	59	79702	98.932	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	336837	20.180	ug/l	92
25) Chloroform	7.972	83	205199	19.377	ug/l	97
26) Cyclohexane	8.266	56	187273	19.897	ug/l #	94
29) 1,1-Dichloropropene	8.377	75	159787	19.637	ug/l	98
30) 2-Butanone	7.495	43	342074	92.144	ug/l	95
31) 2,2-Dichloropropane	7.507	77	152597	18.928	ug/l #	61
32) 1,1,1-Trichloroethane	8.178	97	183189	19.301	ug/l	96
33) Carbon Tetrachloride	8.366	117	160595	19.136	ug/l	96
34) Benzene	8.613	78	477763	19.152	ug/l	98
35) Methacrylonitrile	7.789	41	85354	20.433	ug/l	89
36) 1,2-Dichloroethane	8.677	62	160883	19.241	ug/l	98
37) Trichloroethene	9.354	130	114766	18.666	ug/l	98
38) Methylcyclohexane	9.607	83	193940	19.148	ug/l	99
39) 1,2-Dichloropropane	9.624	63	120960	18.872	ug/l	100
40) Dibromomethane	9.713	93	76883	18.828	ug/l	93
41) Bromodichloromethane	9.895	83	158267	18.913	ug/l	98
42) Vinyl Acetate	6.613	43	1087407	93.967	ug/l	96

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Instrument :
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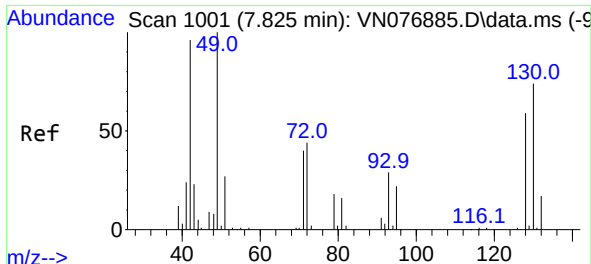
Quant Time: Mar 09 04:21:43 2023
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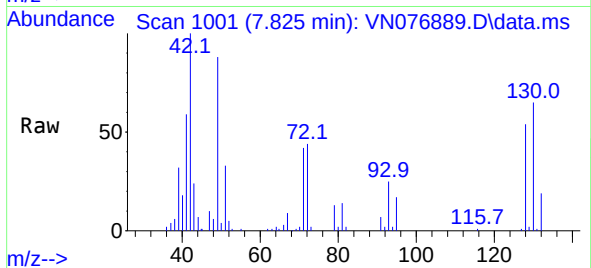
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	147280	19.661	ug/l	99
44) Isopropyl Acetate	8.695	43	232389	19.138	ug/l	91
45) 1,4-Dioxane	9.701	88	38453	376.421	ug/l #	88
46) Methyl methacrylate	9.683	41	113271	19.155	ug/l	91
47) n-amyl Acetate	12.495	43	189596	19.186	ug/l	91
48) t-1,3-Dichloropropene	10.836	75	163770	19.539	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	183947	19.322	ug/l #	89
50) 1,1,2-Trichloroethane	11.019	97	111159	18.582	ug/l	94
51) Ethyl methacrylate	10.877	69	170028	19.280	ug/l	88
52) 1,3-Dichloropropane	11.166	76	194819	18.855	ug/l	99
53) Dibromochloromethane	11.360	129	114308	18.731	ug/l	99
54) 1,2-Dibromoethane	11.471	107	111308	19.282	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	294936	95.386	ug/l	98
56) Bromoform	12.577	173	78969	19.342	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	735955	96.628	ug/l #	90
59) 2-Hexanone	11.201	43	523118	96.686	ug/l #	89
61) Tetrachloroethene	11.107	164	111877	18.797	ug/l	90
62) Toluene	10.636	91	503955	19.398	ug/l	99
64) Chlorobenzene	11.895	112	300280	19.636	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.960	131	108937	18.966	ug/l	96
66) Ethyl Benzene	11.966	91	548005	19.429	ug/l	99
67) m/p-Xylenes	12.071	106	420061	39.317	ug/l	92
68) o-Xylene	12.401	106	202962	19.458	ug/l	95
69) Styrene	12.413	104	334742	19.787	ug/l	98
70) Isopropylbenzene	12.701	105	535836	19.743	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.936	83	156482	19.122	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	144881m	19.300	ug/l	
73) Bromobenzene	12.983	156	117320	19.155	ug/l	92
74) n-propylbenzene	13.036	91	639519	19.963	ug/l	99
75) 2-Chlorotoluene	13.130	91	386123	19.490	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	462741	19.698	ug/l	94
77) t-1,4-Dichloro-2-butene	12.736	75	44794	19.548	ug/l	95
78) 4-Chlorotoluene	13.224	91	378803	19.835	ug/l	93
79) tert-butylbenzene	13.442	119	383615	19.528	ug/l	95
80) 1,2,4-Trimethylbenzene	13.483	105	462334	20.027	ug/l	94
81) sec-Butylbenzene	13.618	105	553791	19.703	ug/l	100
82) p-Isopropyltoluene	13.730	119	456204	20.083	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	230025	20.298	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	224117	20.360	ug/l	96
85) n-Butylbenzene	14.059	91	394572	20.492	ug/l	99
86) Hexachloroethane	14.336	117	78743	19.414	ug/l	95
87) 1,2-Dichlorobenzene	14.107	146	224159	19.836	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.724	75	32003	20.079	ug/l	97
89) 1,2,4-Trichlorobenzene	15.395	180	123661	20.514	ug/l	99
90) Hexachlorobutadiene	15.506	225	59952	18.864	ug/l	97
91) Naphthalene	15.642	128	386791	20.230	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	123353	20.411	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

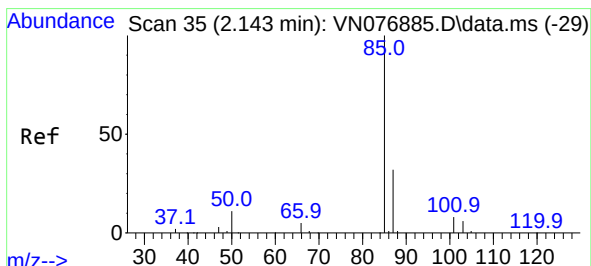
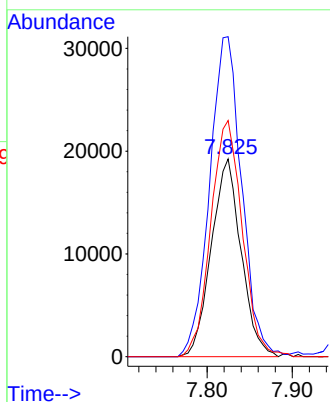
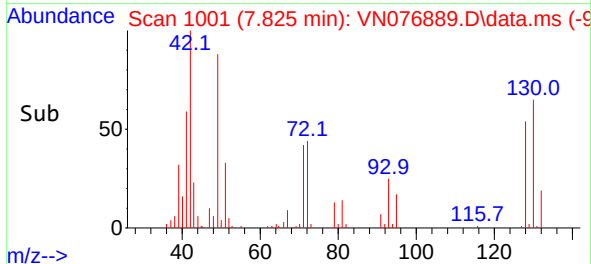
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



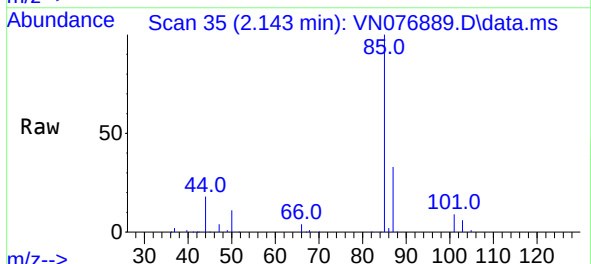
Tgt Ion:128 Resp: 46729
Ion Ratio Lower Upper
128 100
49 174.1 0.0 461.8
130 126.4 0.0 295.3

Manual Integrations
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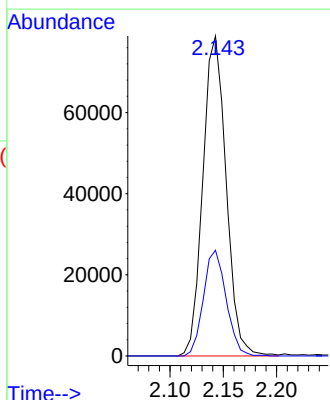
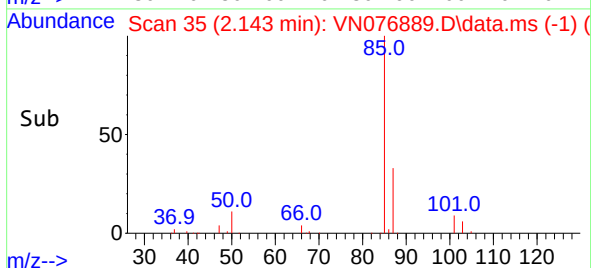
Reviewed By :John Carlone 03/09/2023
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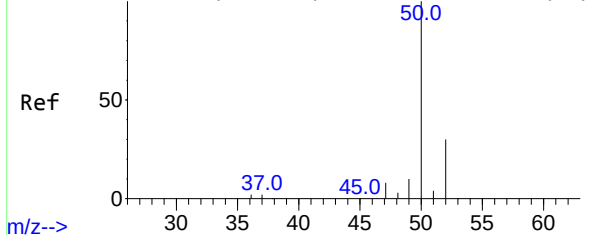
#2
Dichlorodifluoromethane
Concen: 20.060 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 85 Resp: 119954
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.1



Abundance Scan 75 (2.378 min): VN076885.D\data.ms (-69)



#3

Chloromethane

Concen: 18.547 ug/l

RT: 2.378 min Scan# 75

Delta R.T. -0.000 min

Lab File: VN076889.D

Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823

Tgt Ion: 50 Resp: 10136

Ion Ratio Lower Upper

50 100

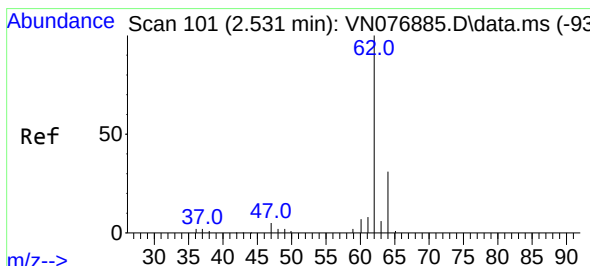
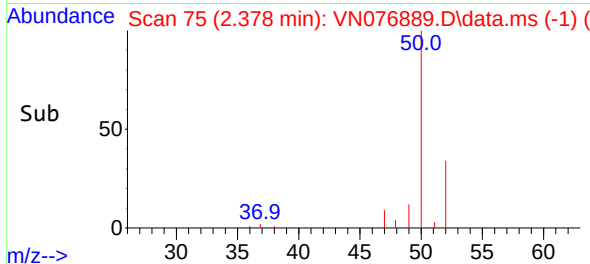
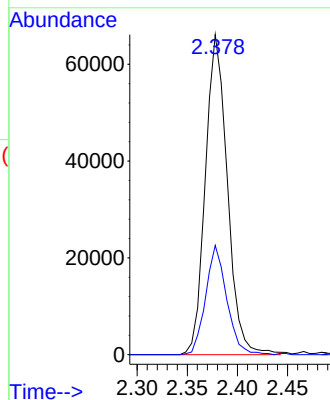
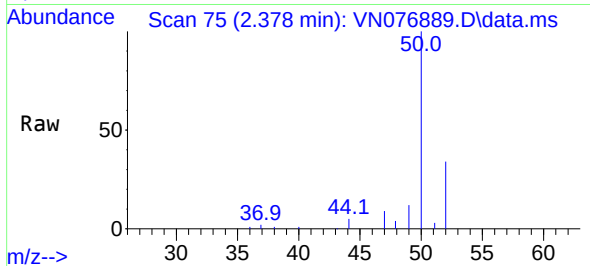
52 34.2 25.3 37.9

Manual Integrations

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Supervised By :Mahesh Dadoda 03/09/2023



#4

Vinyl Chloride

Concen: 19.276 ug/l

RT: 2.531 min Scan# 101

Delta R.T. -0.000 min

Lab File: VN076889.D

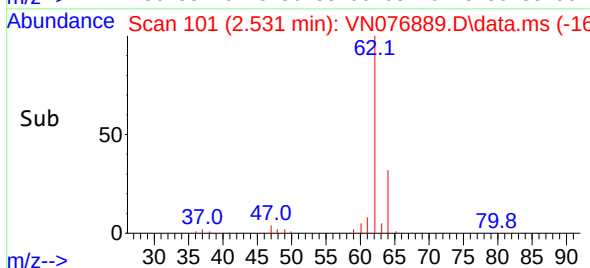
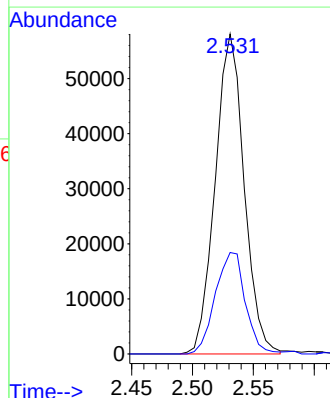
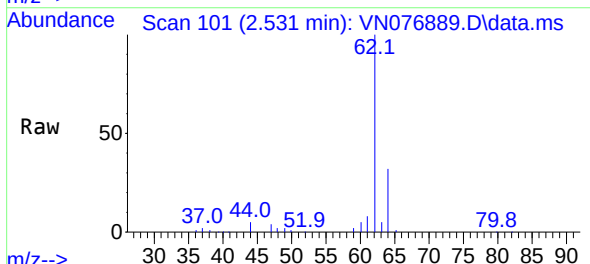
Acq: 08 Mar 2023 20:23

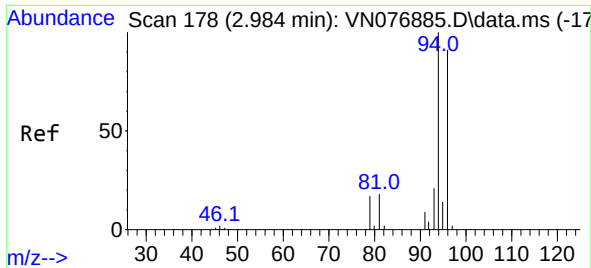
Tgt Ion: 62 Resp: 96072

Ion Ratio Lower Upper

62 100

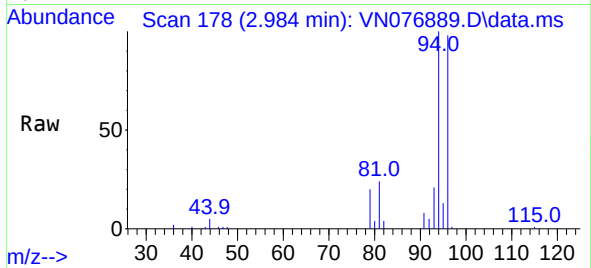
64 31.7 23.1 34.7





#5
Bromomethane
Concen: 18.931 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

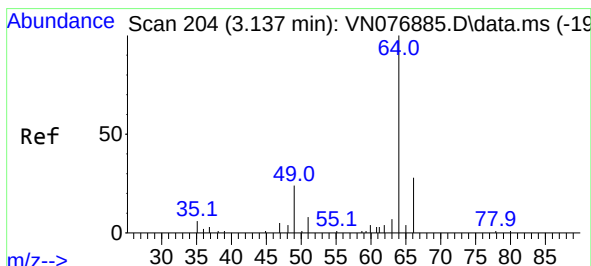
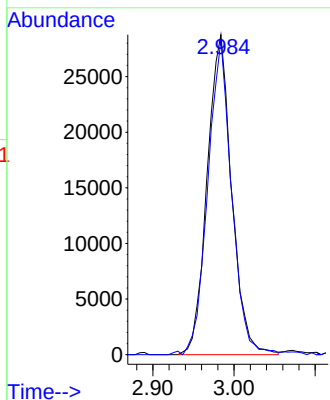
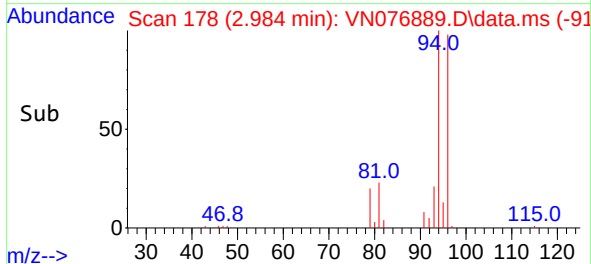
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



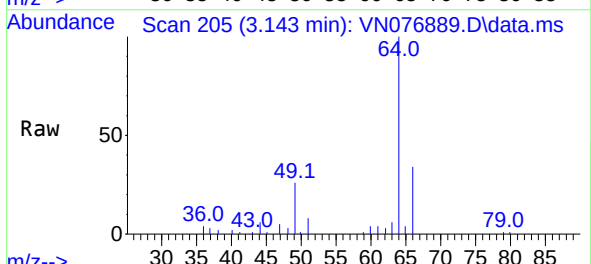
Tgt Ion: 94 Resp: 60339
Ion Ratio Lower Upper
94 100
96 97.7 68.6 103.0

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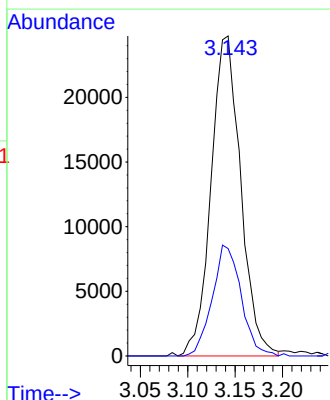
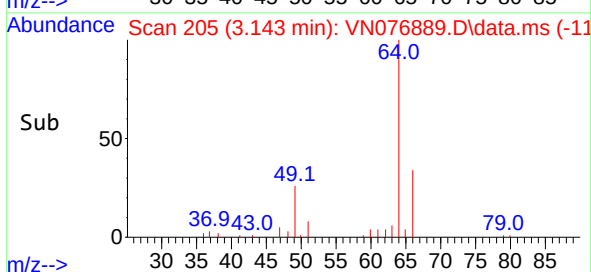
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

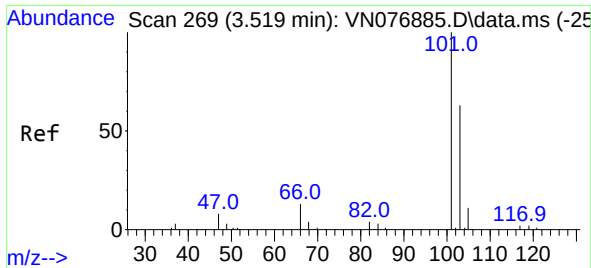


#6
Chloroethane
Concen: 18.409 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 64 Resp: 53913
Ion Ratio Lower Upper
64 100
66 33.6 23.8 35.6





#7
Trichlorofluoromethane
Concen: 19.641 ug/l
RT: 3.519 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

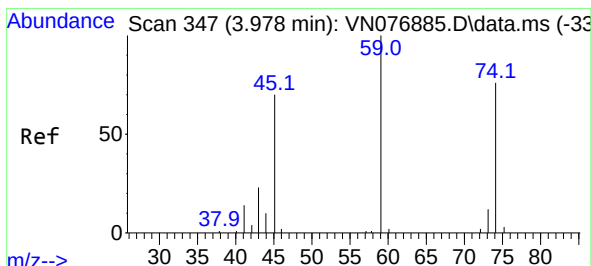
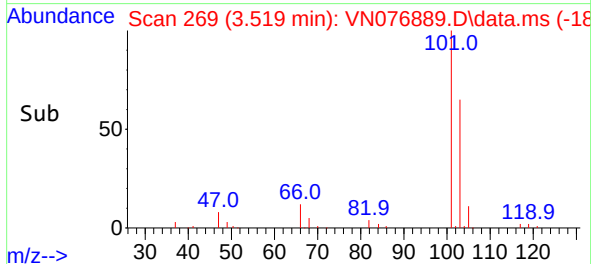
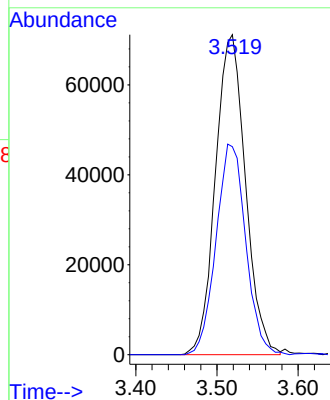
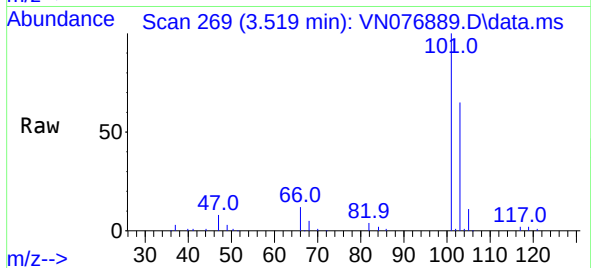
ICVVN030823

Tgt Ion:101 Resp: 182872
Ion Ratio Lower Upper
101 100
103 65.0 50.2 75.2

Manual Integrations

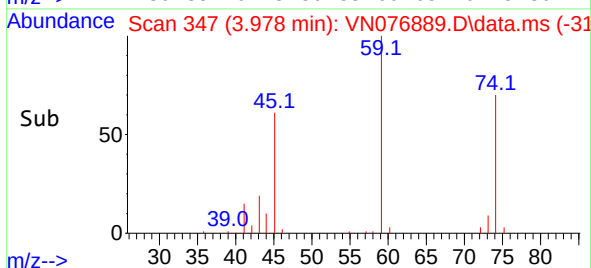
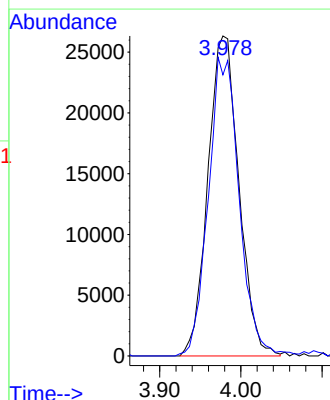
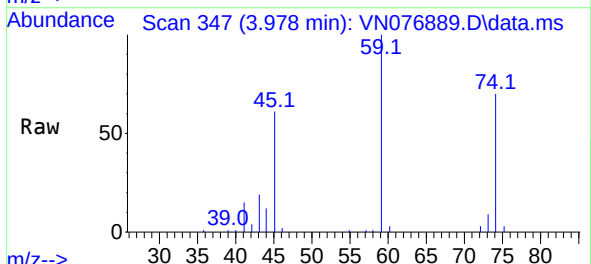
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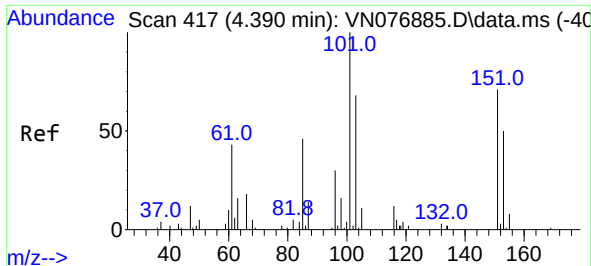
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#8
Diethyl Ether
Concen: 20.003 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion: 74 Resp: 69845
Ion Ratio Lower Upper
74 100
45 92.3 21.4 193.0





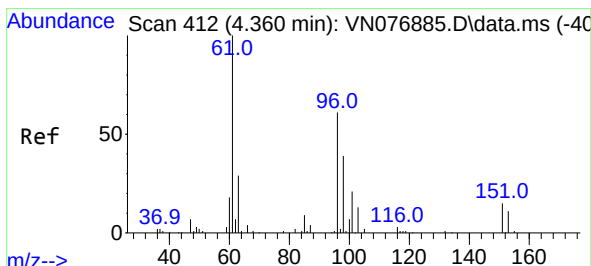
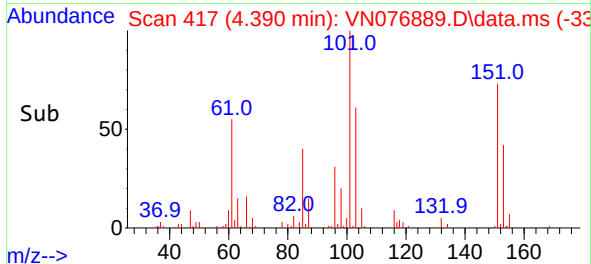
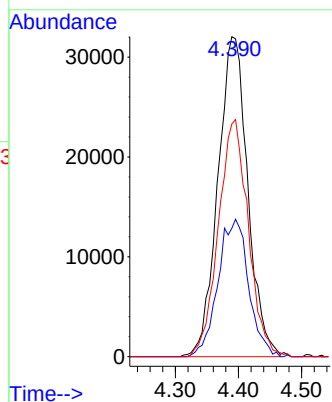
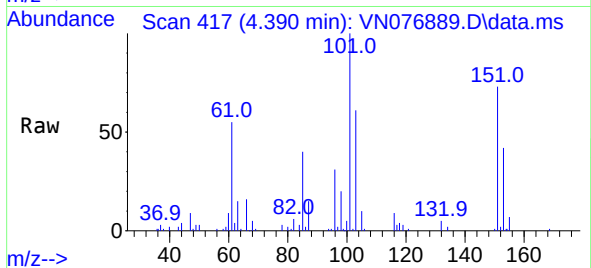
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.930 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :
MSVOA_N
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ICVVN030823

Tgt Ion:101 Resp: 10512
Ion Ratio Lower Upper
101 100
85 18.1 0.0 95.2
151 74.5 0.0 142.2

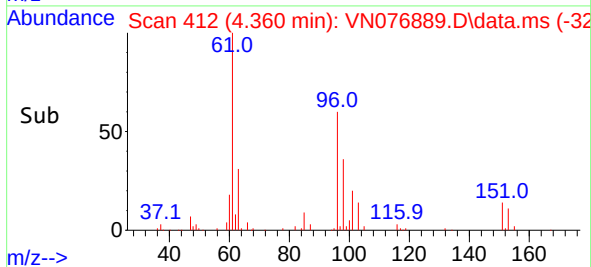
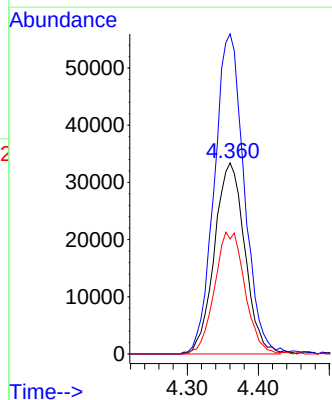
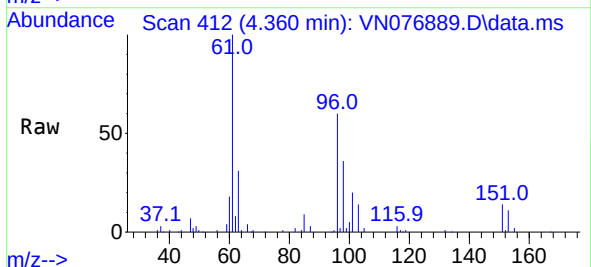
Manual Integrations
APPROVED

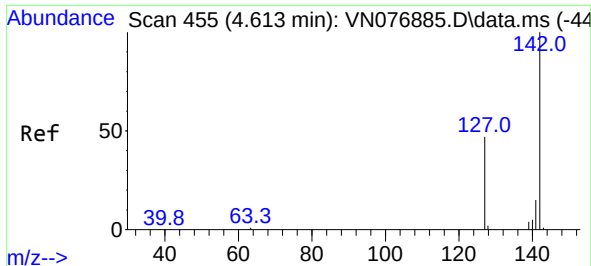
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
1,1-Dichloroethene
Concen: 19.347 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion: 96 Resp: 99053
Ion Ratio Lower Upper
96 100
61 167.5 137.1 205.7
98 60.2 53.2 79.8





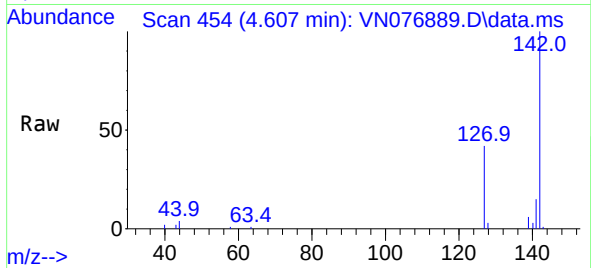
#11
Methyl Iodide
Concen: 18.740 ug/l
RT: 4.607 min Scan# 455
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823



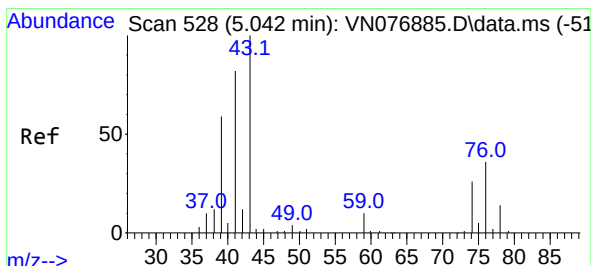
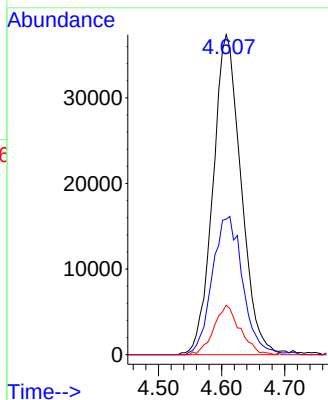
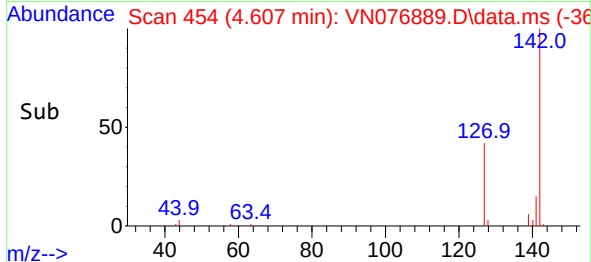
Tgt Ion:142 Resp: 115608
Ion Ratio Lower Upper
142 100
127 42.2 25.0 75.0
141 15.3 8.0 24.0

Manual Integrations

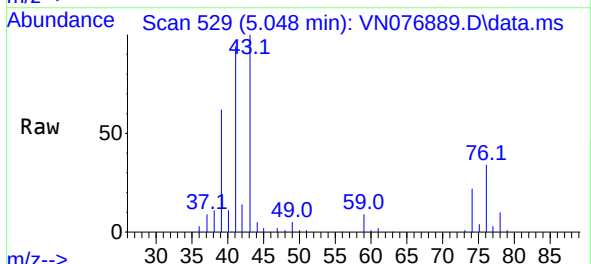
APPROVED

Reviewed By :John Carlone 03/09/2023

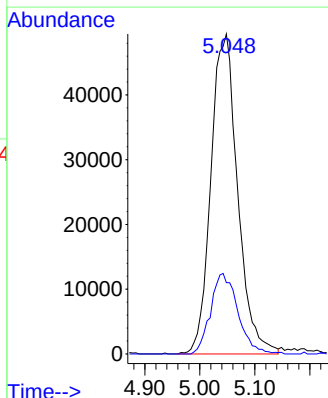
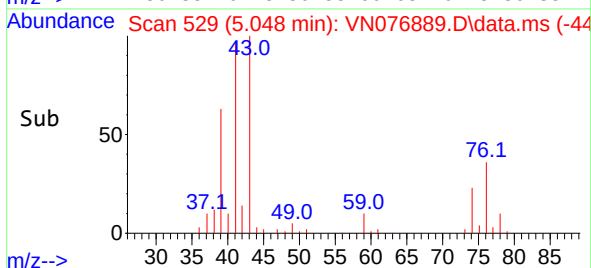
Supervised By :Mahesh Dadoda 03/09/2023

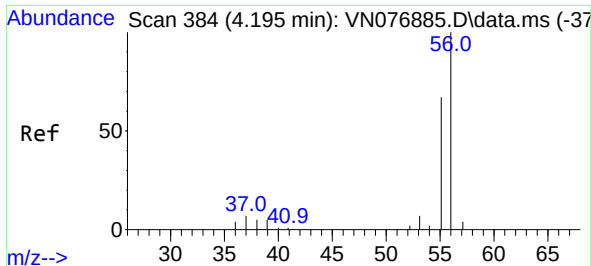


#12
Methyl Acetate
Concen: 19.823 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



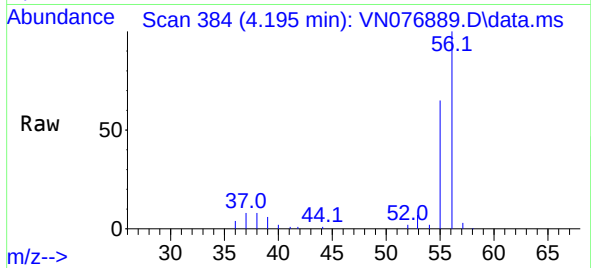
Tgt Ion: 43 Resp: 166919
Ion Ratio Lower Upper
43 100
74 22.3 19.0 28.4





#13
Acrolein
Concen: 90.502 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

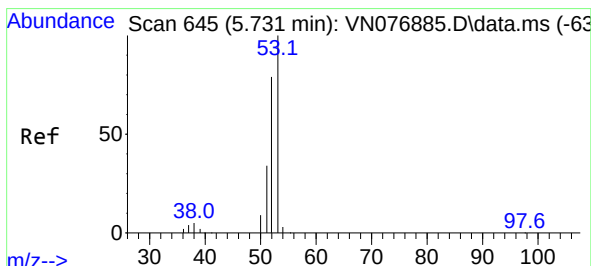
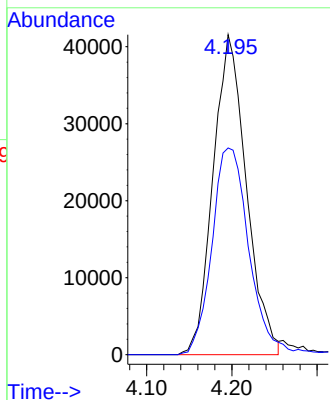
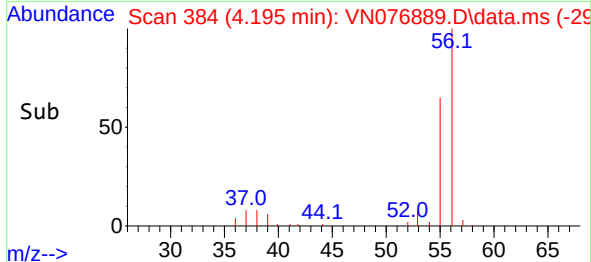
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



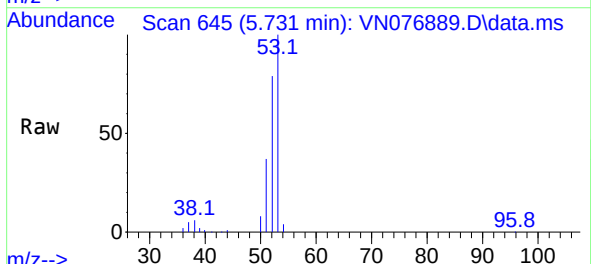
Tgt Ion: 56 Resp: 112663
Ion Ratio Lower Upper
56 100
55 71.3 55.0 82.4

Manual Integrations
APPROVED

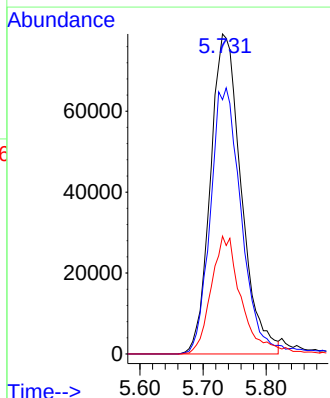
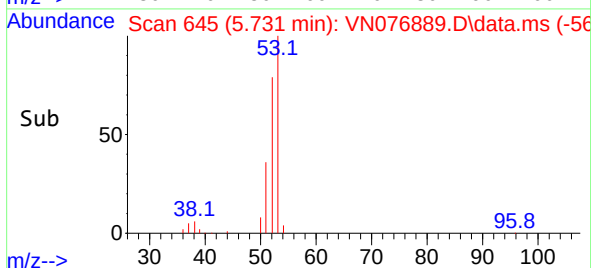
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

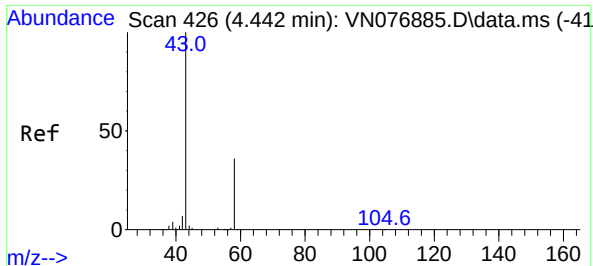


#14
Acrylonitrile
Concen: 96.476 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 53 Resp: 267618
Ion Ratio Lower Upper
53 100
52 36.8 41.5 124.6#
51 35.6 17.6 52.8





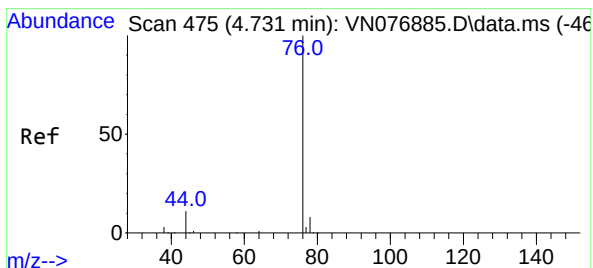
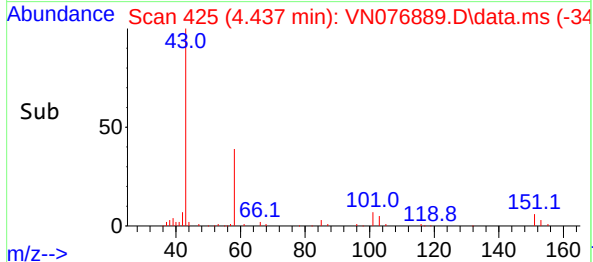
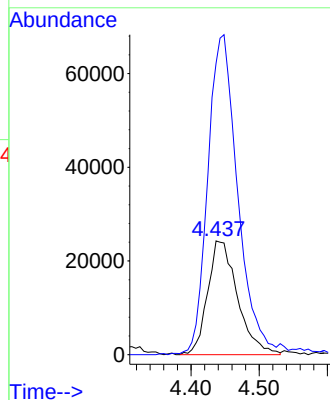
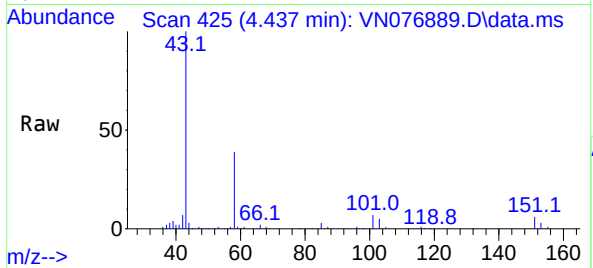
#15
Acetone
Concen: 98.287 ug/l
RT: 4.437 min Scan# 426
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823

Tgt Ion: 58 Resp: 74199
Ion Ratio Lower Upper
58 100
43 254.8 255.4 383.0

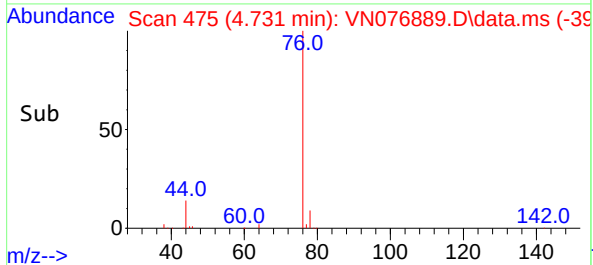
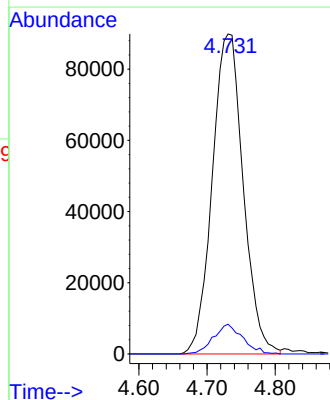
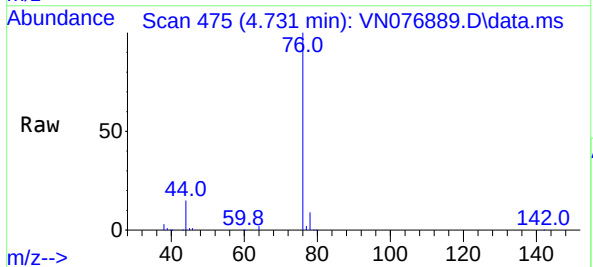
Manual Integrations
APPROVED

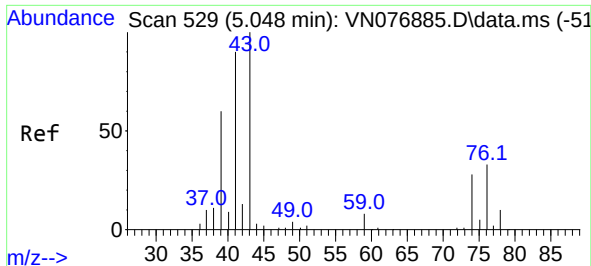
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#16
Carbon Disulfide
Concen: 19.980 ug/l
RT: 4.731 min Scan# 475
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion: 76 Resp: 283634
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8





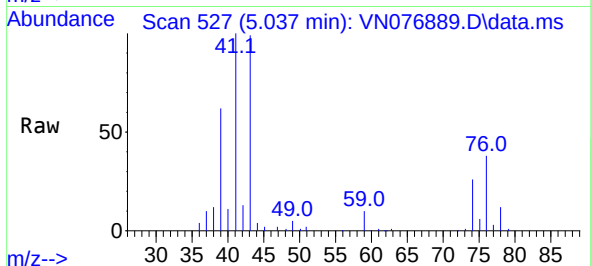
#17
 Allyl chloride
 Concen: 20.516 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN076889.D
 Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823



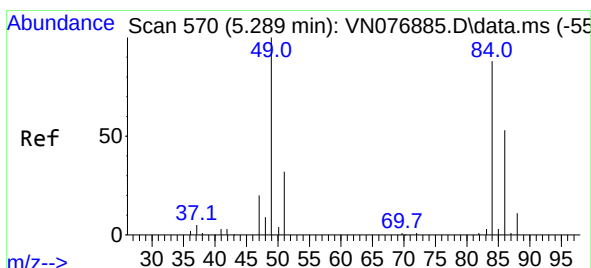
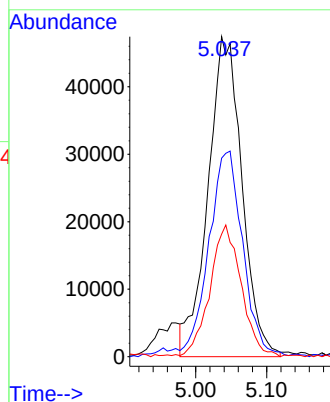
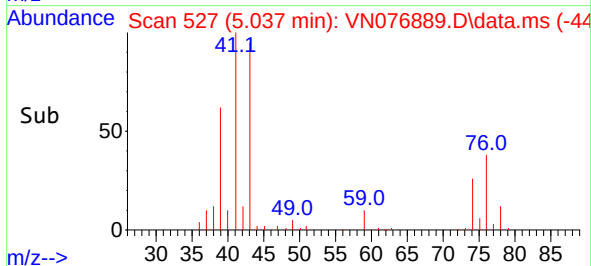
Tgt Ion: 41 Resp: 157540
 Ion Ratio Lower Upper
 41 100
 39 61.4 34.8 104.3
 76 38.8 17.5 52.5

Manual Integrations

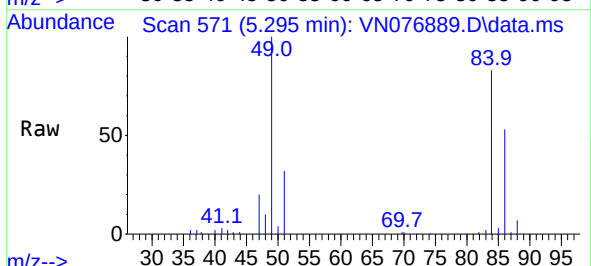
APPROVED

Reviewed By :John Carlone 03/09/2023

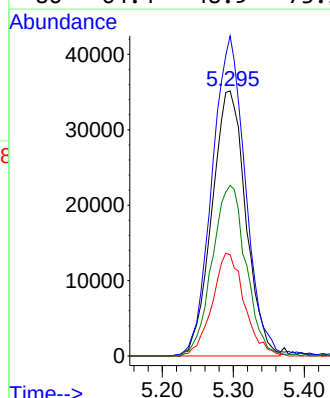
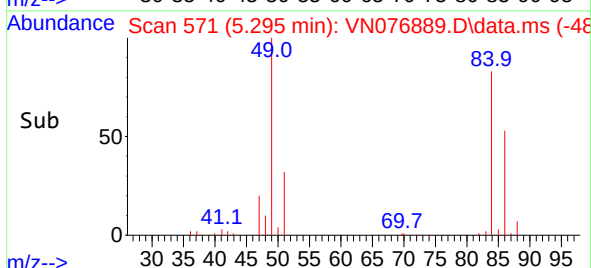
Supervised By :Mahesh Dadoda 03/09/2023

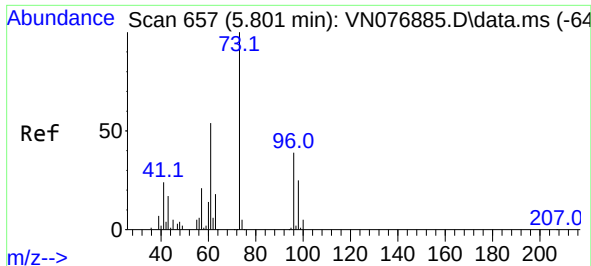


#18
 Methylene Chloride
 Concen: 19.444 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. -0.000 min
 Lab File: VN076889.D
 Acq: 08 Mar 2023 20:23



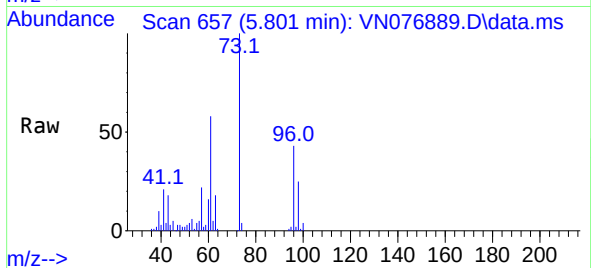
Tgt Ion: 84 Resp: 116440
 Ion Ratio Lower Upper
 84 100
 49 120.1 113.8 170.6
 51 38.2 34.2 51.4
 86 64.4 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 20.446 ug/l
RT: 5.801 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

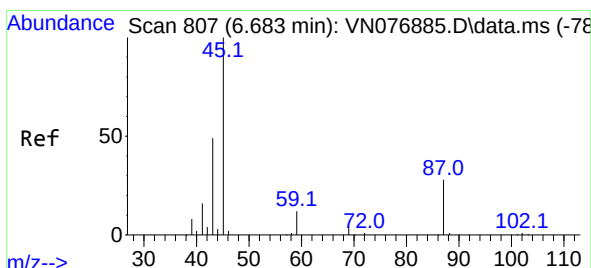
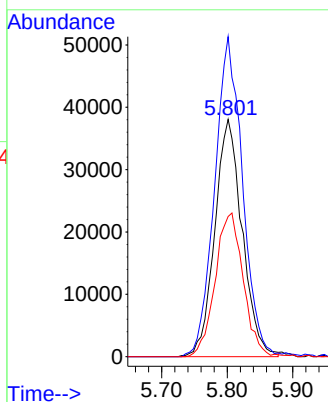
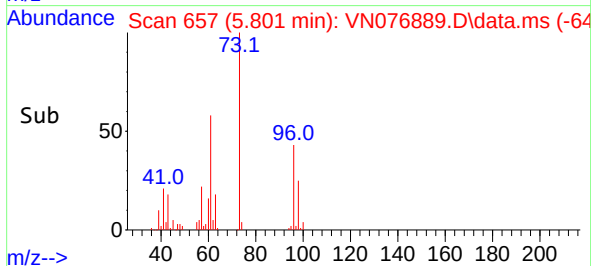
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



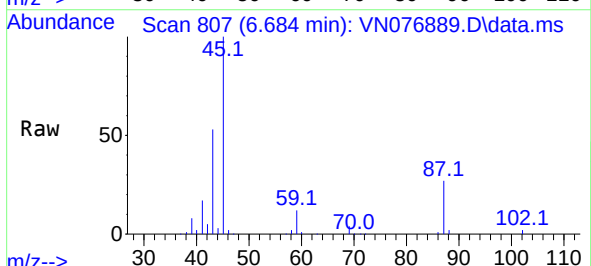
Tgt Ion: 96 Resp: 11030
Ion Ratio Lower Upper
96 100
61 134.9 111.0 166.4
98 59.1 55.0 82.6

Manual Integrations
APPROVED

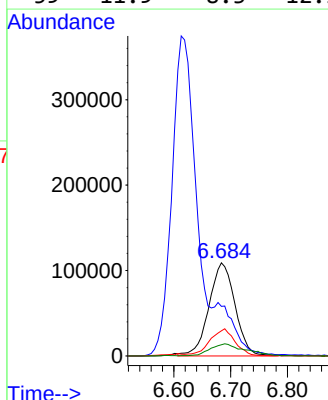
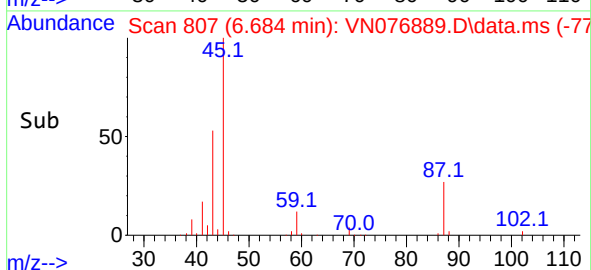
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

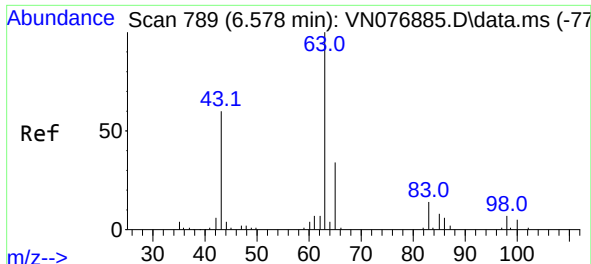


#20
Diisopropyl ether
Concen: 20.089 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



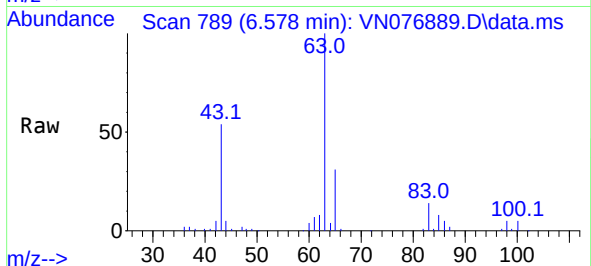
Tgt Ion: 45 Resp: 348013
Ion Ratio Lower Upper
45 100
43 52.2 38.6 58.0
87 26.8 20.1 30.1
59 11.9 8.3 12.5





#21
1,1-Dichloroethane
Concen: 19.720 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

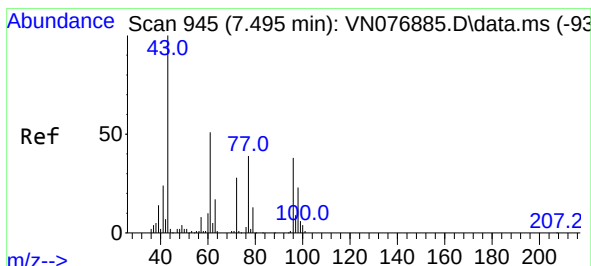
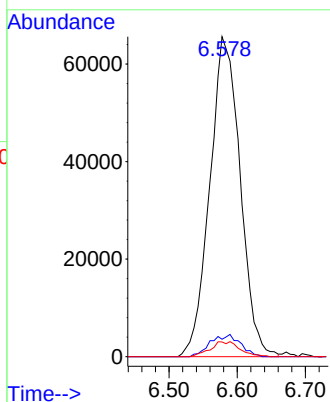
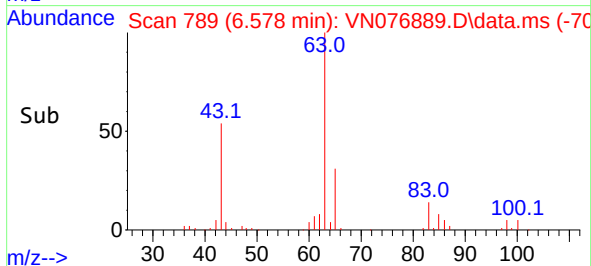
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



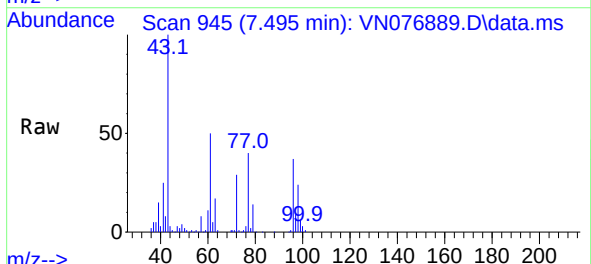
Tgt Ion: 63 Resp: 203297
Ion Ratio Lower Upper
63 100
98 5.4 3.6 10.9
100 4.6 2.6 7.8

Manual Integrations
APPROVED

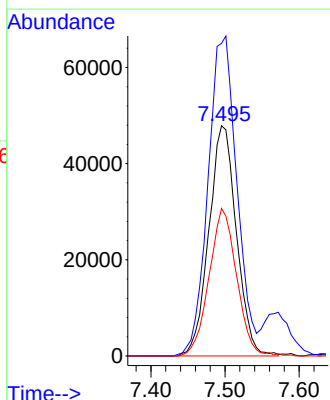
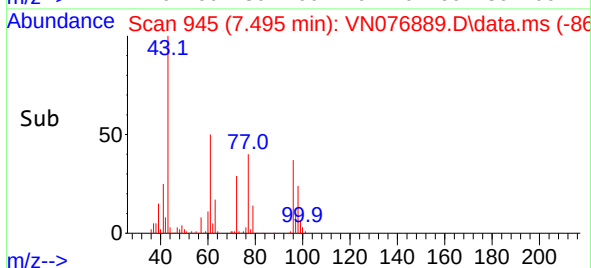
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

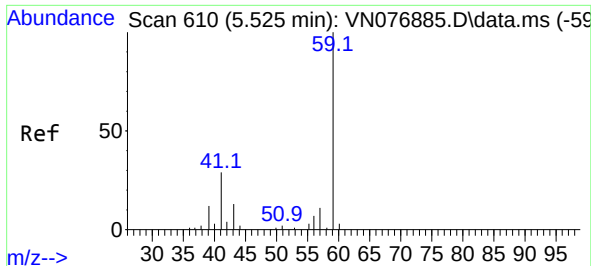


#22
cis-1,2-Dichloroethene
Concen: 20.042 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



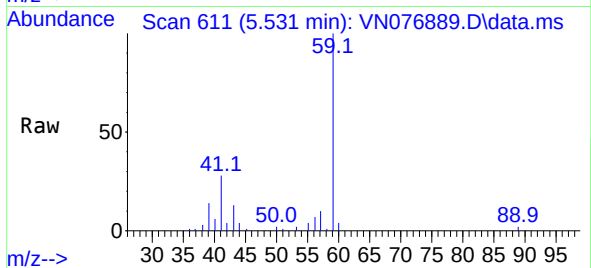
Tgt Ion: 96 Resp: 123907
Ion Ratio Lower Upper
96 100
61 144.9 121.0 181.4
98 63.4 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 98.932 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

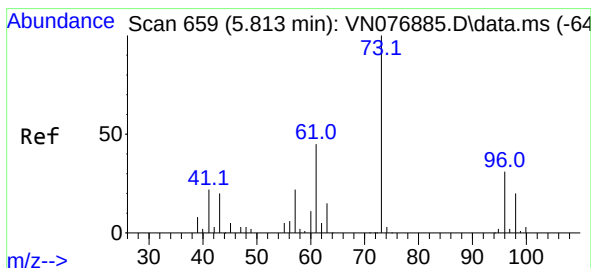
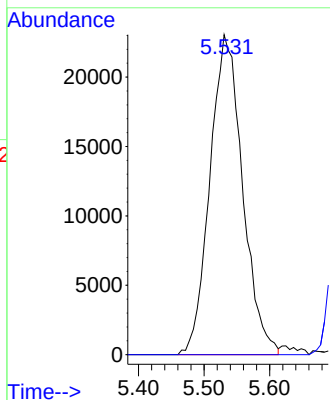
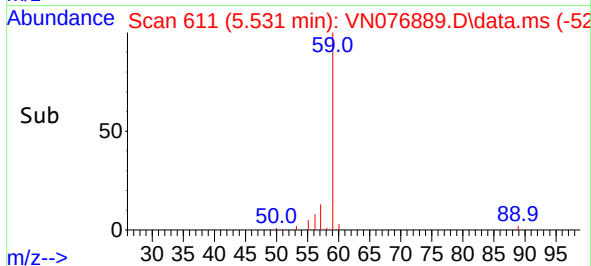
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



Tgt Ion: 59 Resp: 79702
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

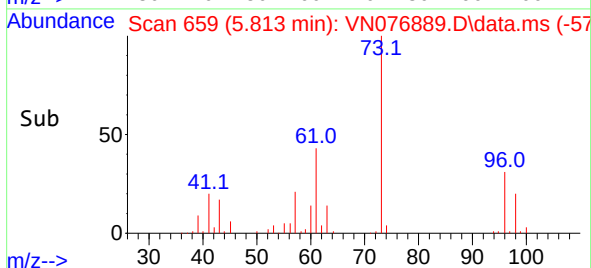
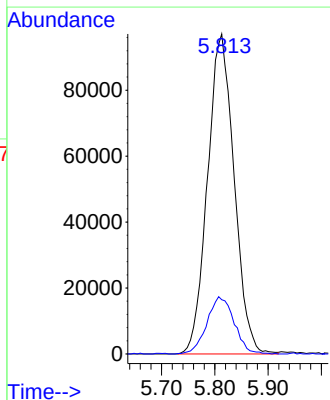
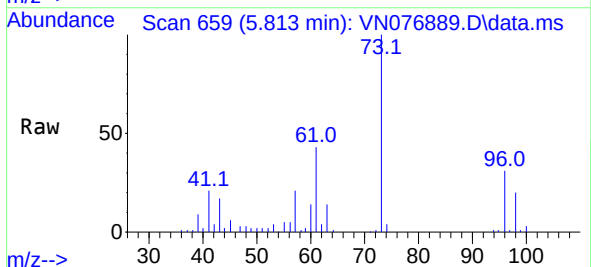
Manual Integrations
APPROVED

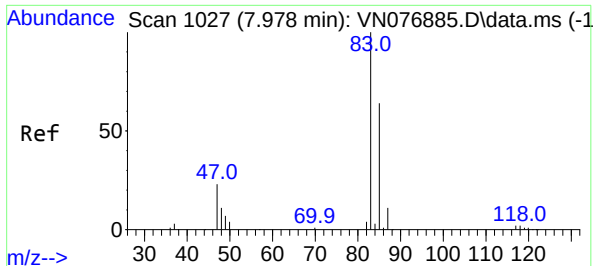
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.180 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion: 73 Resp: 336837
Ion Ratio Lower Upper
73 100
43 18.3 17.8 26.6





#25

Chloroform

Concen: 19.377 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076889.D

Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823

Tgt Ion: 83 Resp: 205199

Ion Ratio Lower Upper

83 100

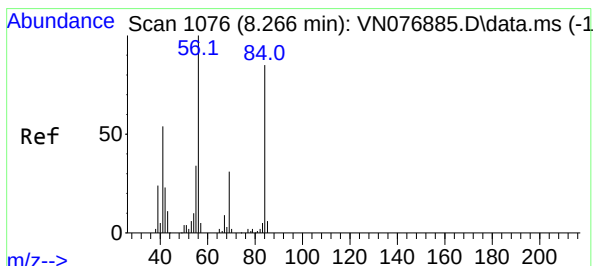
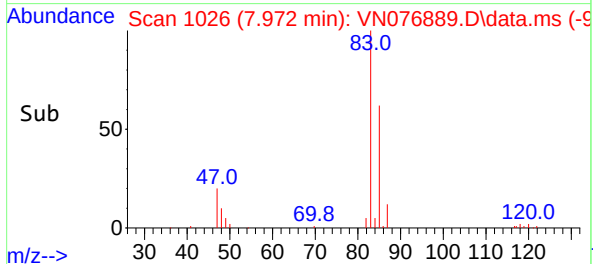
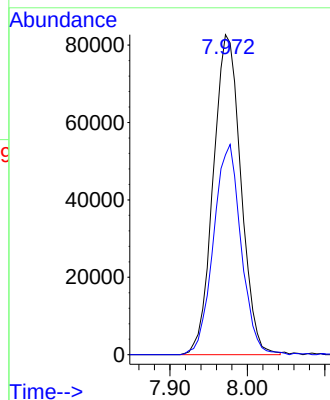
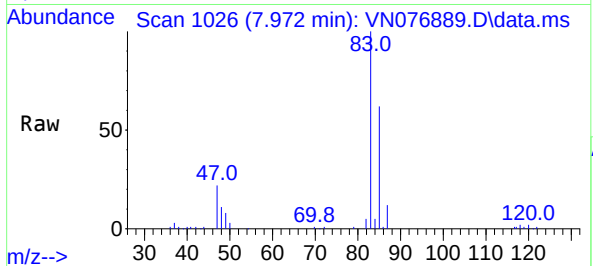
85 62.4 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#26

Cyclohexane

Concen: 19.897 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076889.D

Acq: 08 Mar 2023 20:23

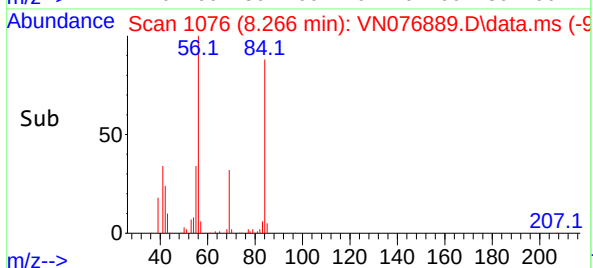
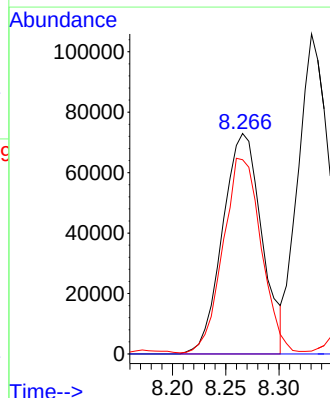
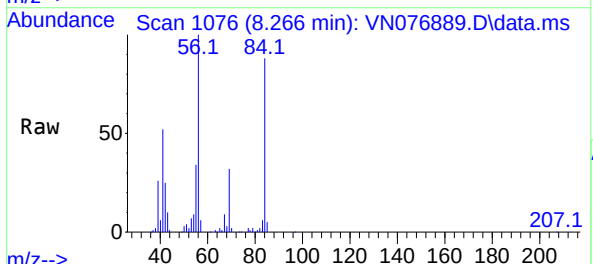
Tgt Ion: 56 Resp: 187273

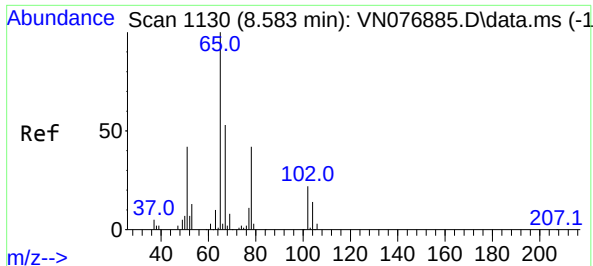
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.9 65.3 97.9





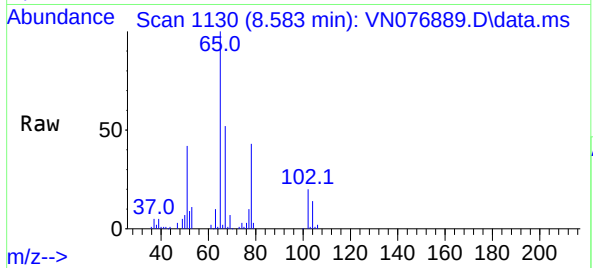
#27
1,2-Dichloroethane-d4
Concen: 30.889 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823



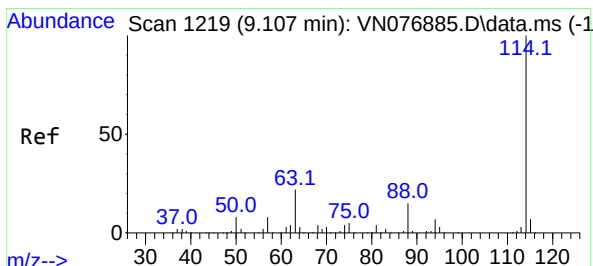
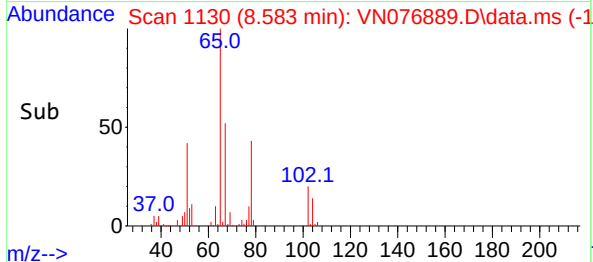
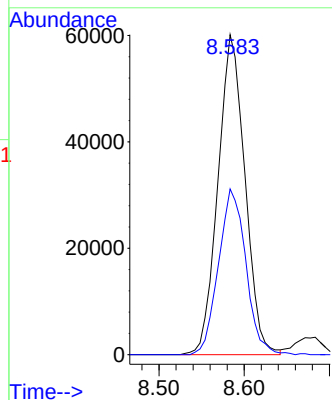
Tgt Ion: 65 Resp: 132674
Ion Ratio Lower Upper
65 100
67 52.5 40.9 61.3

Manual Integrations

APPROVED

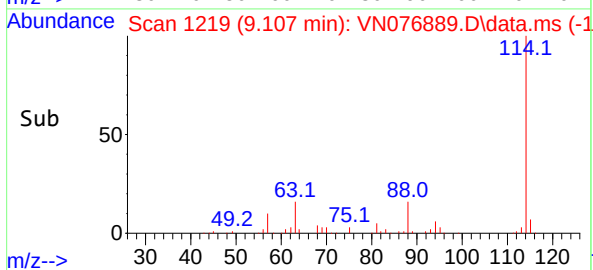
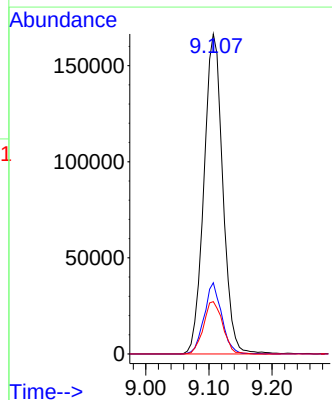
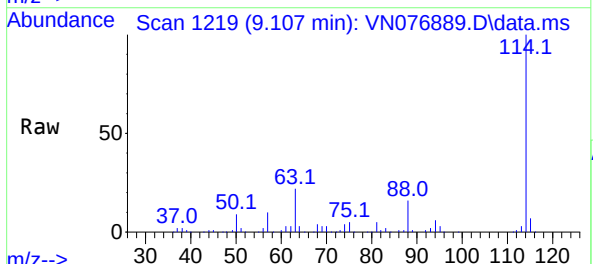
Reviewed By :John Carlone 03/09/2023

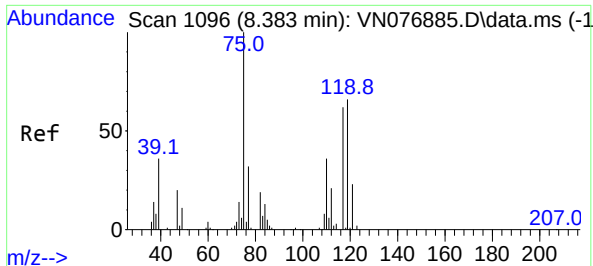
Supervised By :Mahesh Dadoda 03/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

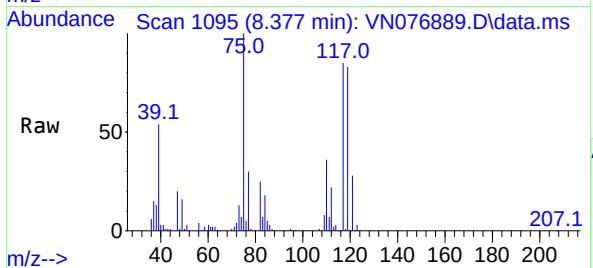
Tgt Ion:114 Resp: 345462
Ion Ratio Lower Upper
114 100
63 20.7 17.0 25.4
88 16.7 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.637 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

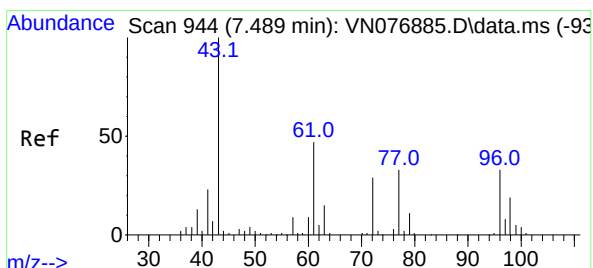
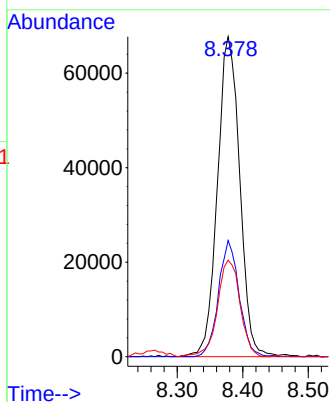
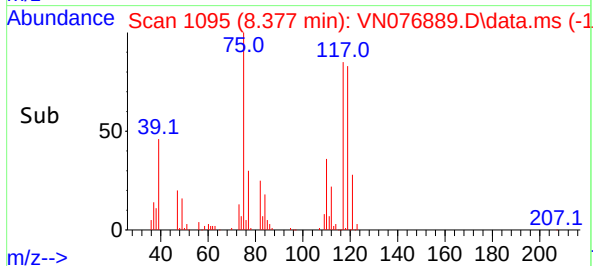
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



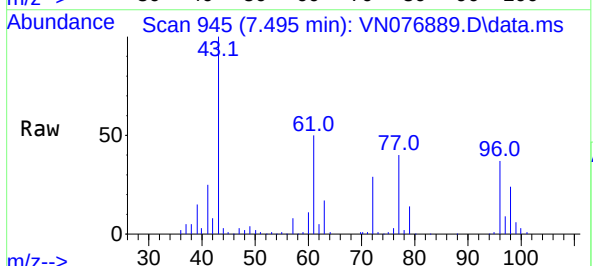
Tgt Ion: 75 Resp: 15978
Ion Ratio Lower Upper
75 100
110 33.6 0.0 67.2
77 30.5 0.0 64.4

Manual Integrations
APPROVED

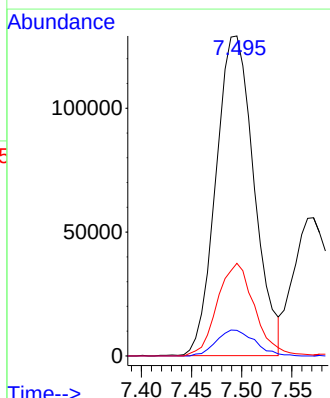
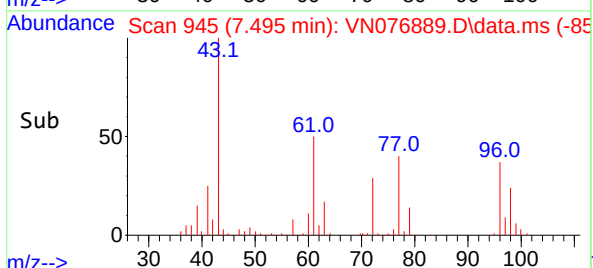
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

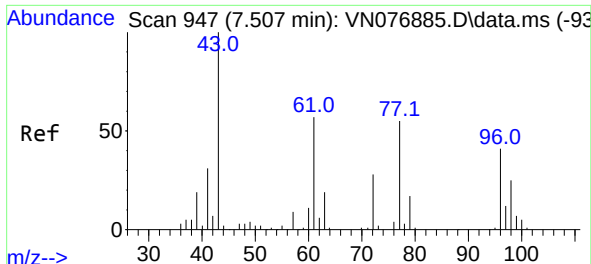


#30
2-Butanone
Concen: 92.144 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



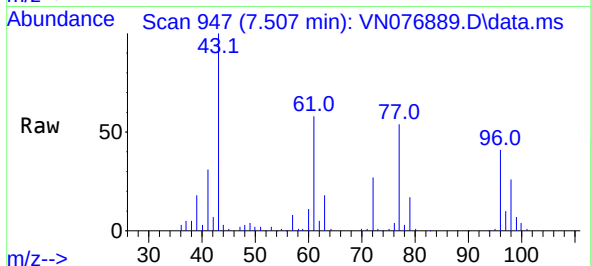
Tgt Ion: 43 Resp: 342074
Ion Ratio Lower Upper
43 100
57 8.2 6.1 9.1
72 28.2 20.2 30.4





#31
2,2-Dichloropropane
Concen: 18.928 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

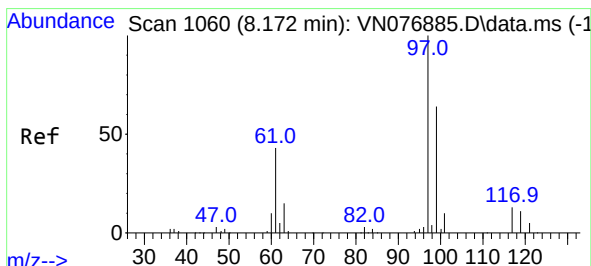
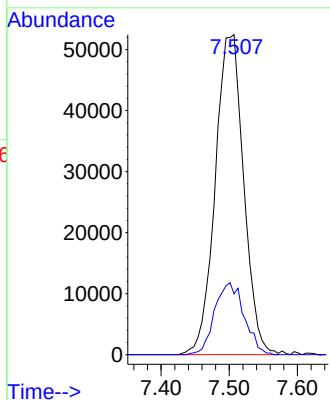
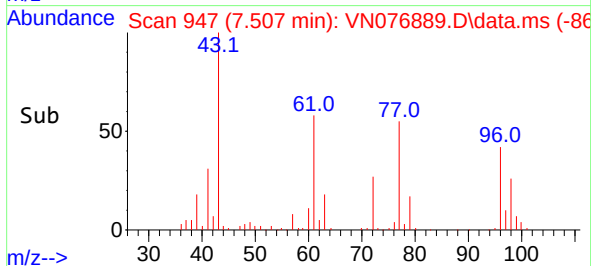
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



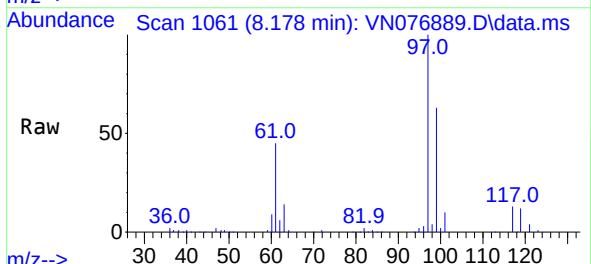
Tgt Ion: 77 Resp: 152597
Ion Ratio Lower Upper
77 100
97 23.3 7.2 10.8

Manual Integrations
APPROVED

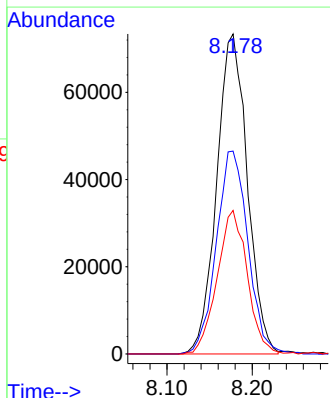
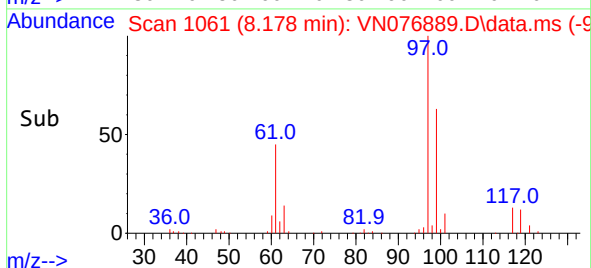
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

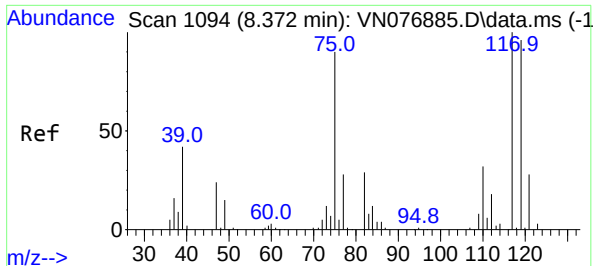


#32
1,1,1-Trichloroethane
Concen: 19.301 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



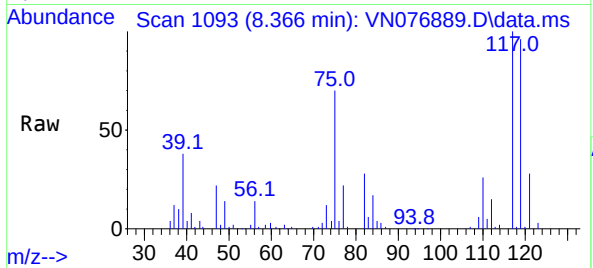
Tgt Ion: 97 Resp: 183189
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.8
61 44.1 39.3 58.9





#33
Carbon Tetrachloride
Concen: 19.136 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

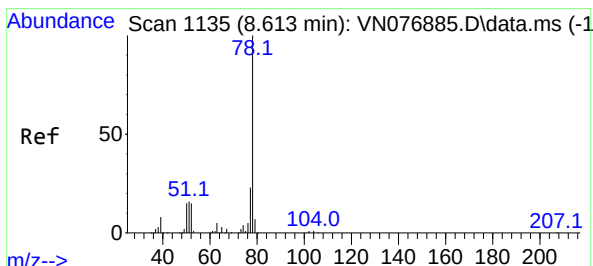
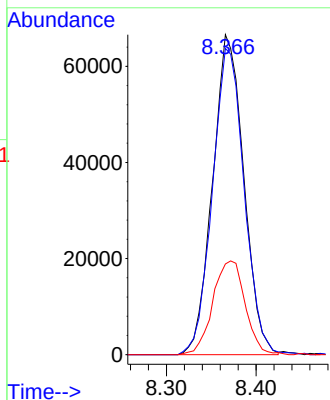
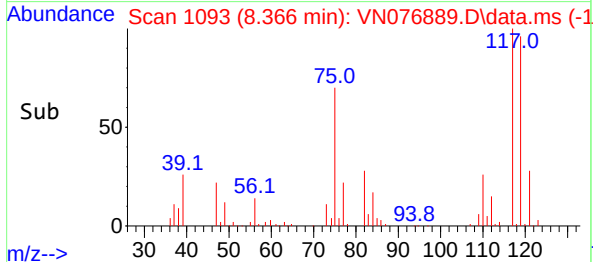
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



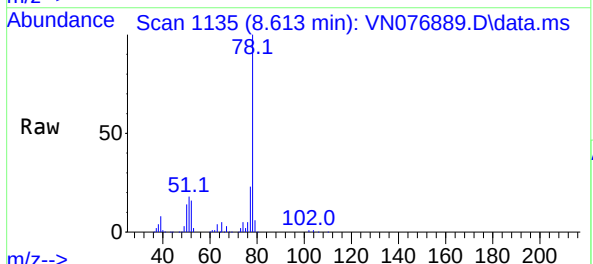
Tgt Ion: 117 Resp: 16059
Ion Ratio Lower Upper
117 100
119 95.7 79.8 119.8
121 28.4 23.4 35.0

Manual Integrations
APPROVED

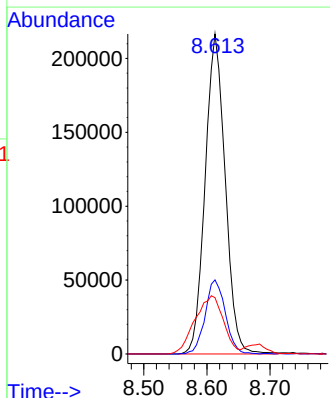
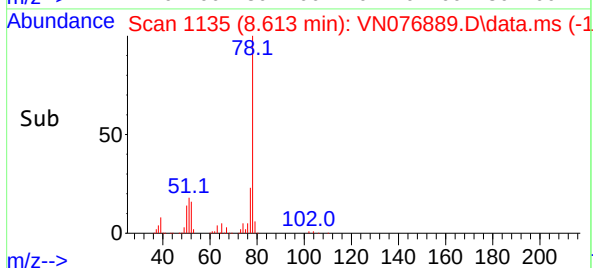
Reviewed By : John Carlone 03/09/2023
Supervised By : Mahesh Dadoda 03/09/2023

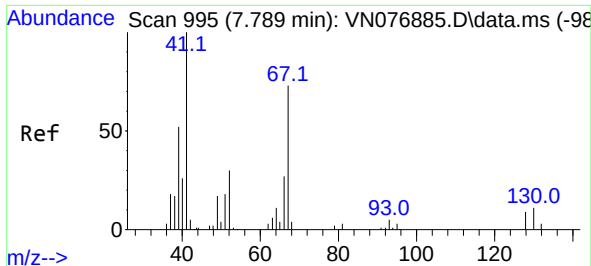


#34
Benzene
Concen: 19.152 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 78 Resp: 477763
Ion Ratio Lower Upper
78 100
77 23.1 17.4 26.2
51 17.4 13.8 20.6





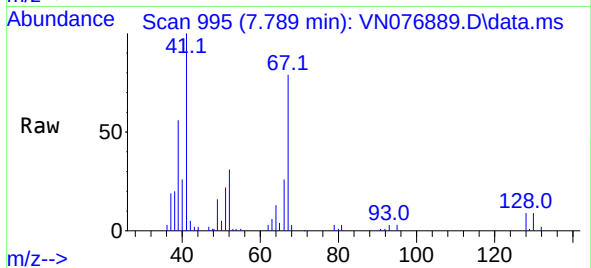
#35
Methacrylonitrile
Concen: 20.433 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823

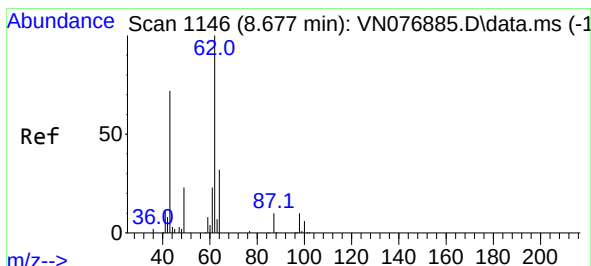
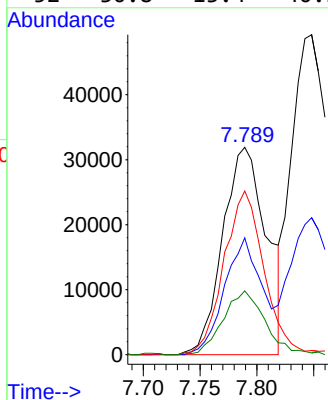
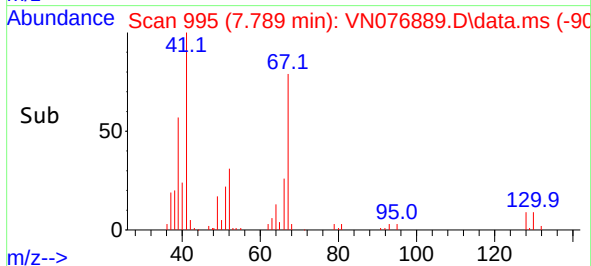


Tgt Ion: 41 Resp: 85354
Ion Ratio Lower Upper
41 100
39 56.4 26.6 79.7
67 78.9 32.3 96.9
52 30.8 13.4 40.1

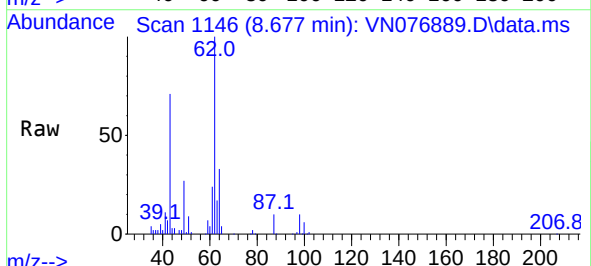
Manual Integrations

APPROVED

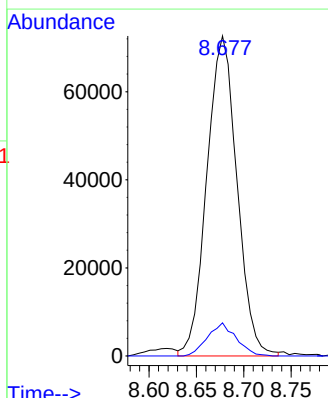
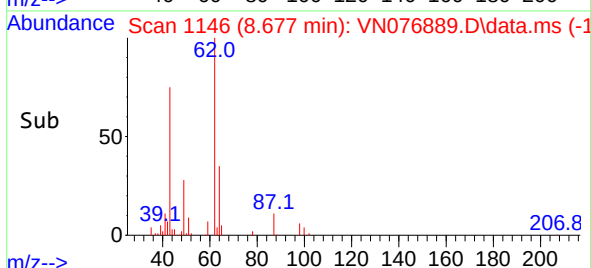
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

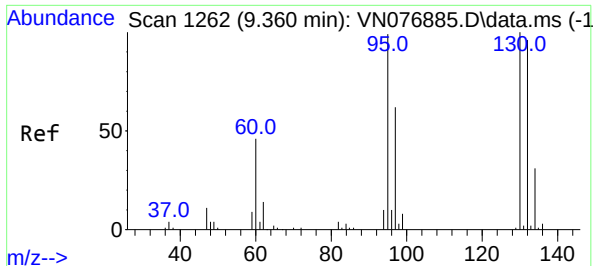


#36
1,2-Dichloroethane
Concen: 19.241 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 62 Resp: 160883
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





#37
Trichloroethene
Concen: 18.666 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823

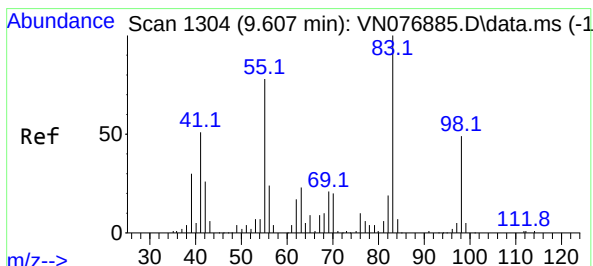
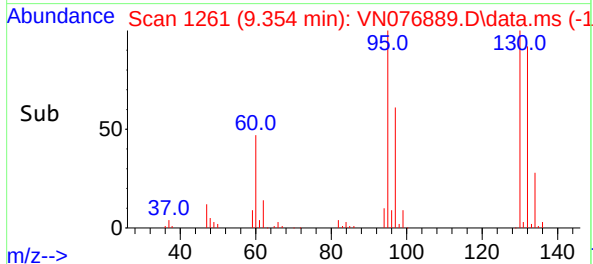
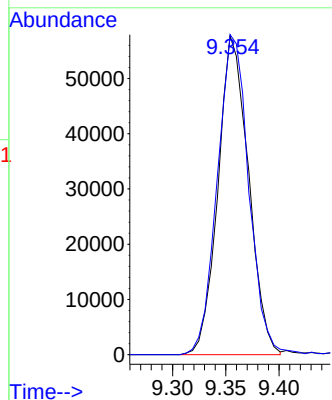
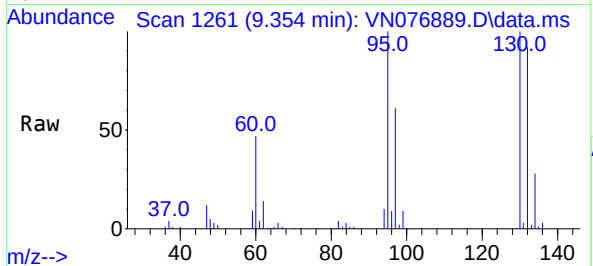
Tgt Ion:130 Resp: 114760
Ion Ratio Lower Upper
130 100
95 100.3 78.7 118.1

Manual Integrations

APPROVED

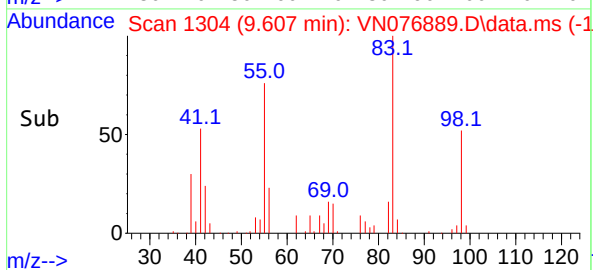
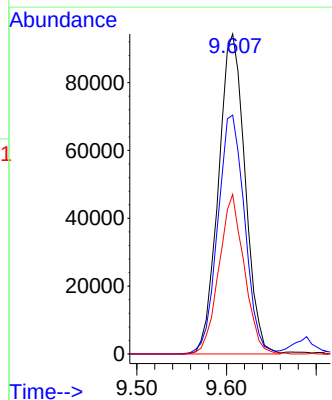
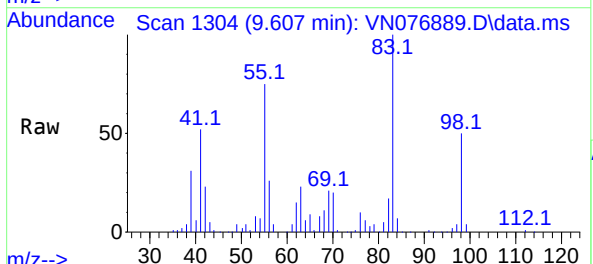
Reviewed By :John Carlone 03/09/2023

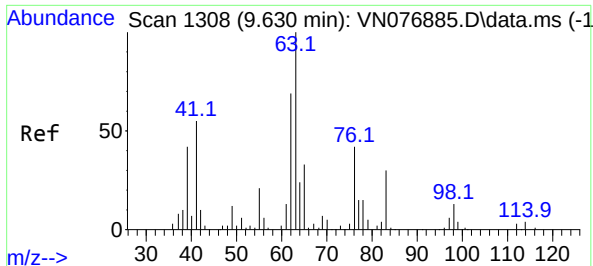
Supervised By :Mahesh Dadoda 03/09/2023



#38
Methylcyclohexane
Concen: 19.148 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion: 83 Resp: 193940
Ion Ratio Lower Upper
83 100
55 75.6 37.6 112.9
98 47.4 24.1 72.4





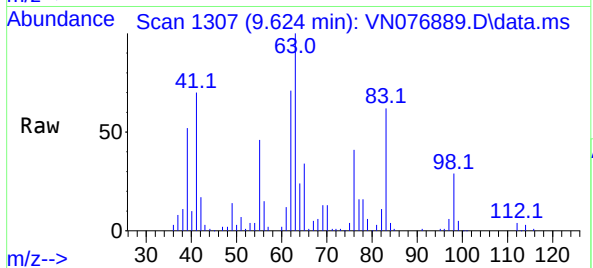
#39
1,2-Dichloropropane
Concen: 18.872 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823



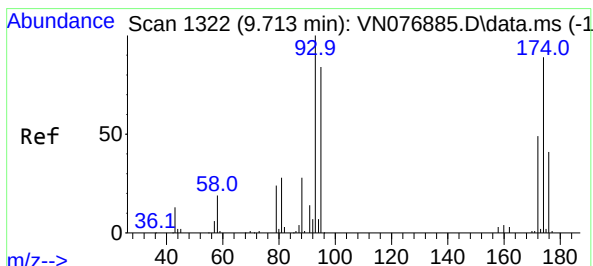
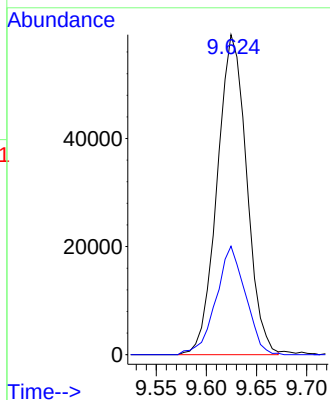
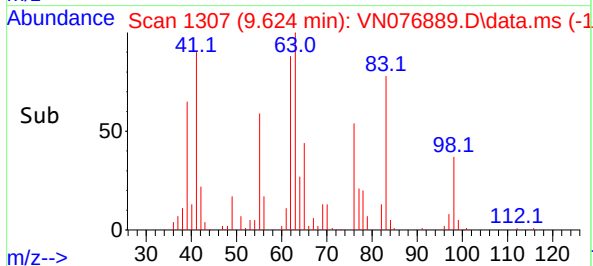
Tgt Ion: 63 Resp: 120960
Ion Ratio Lower Upper
63 100
65 33.9 27.2 40.8

Manual Integrations

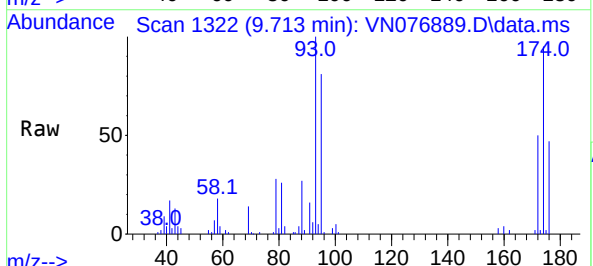
APPROVED

Reviewed By :John Carlone 03/09/2023

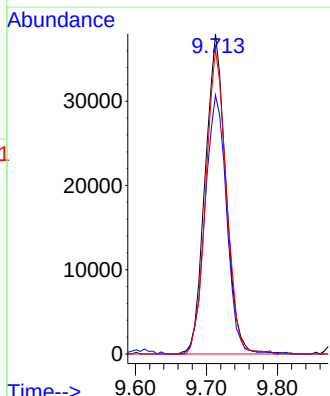
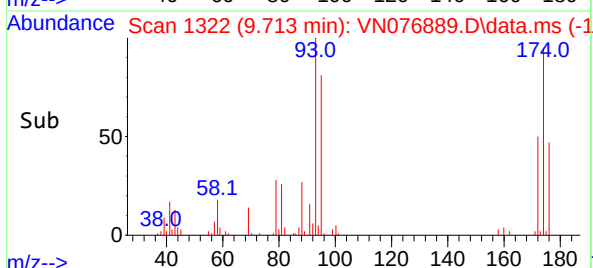
Supervised By :Mahesh Dadoda 03/09/2023

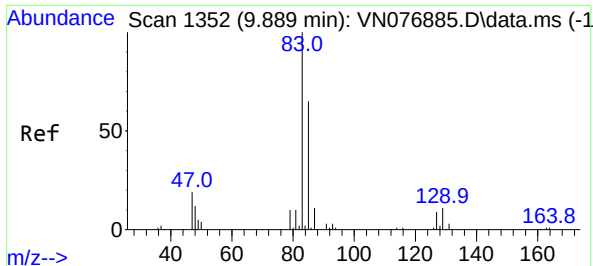


#40
Dibromomethane
Concen: 18.828 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



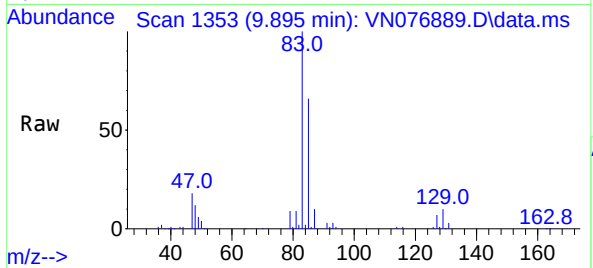
Tgt Ion: 93 Resp: 76883
Ion Ratio Lower Upper
93 100
95 84.0 0.0 158.0
174 93.9 0.0 171.2





#41
Bromodichloromethane
Concen: 18.913 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

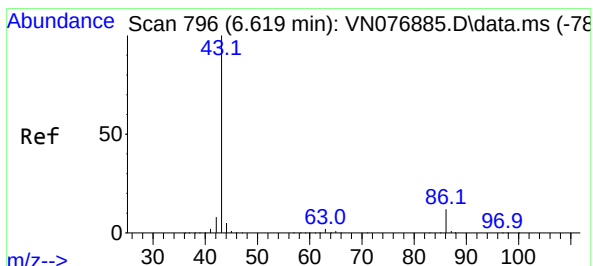
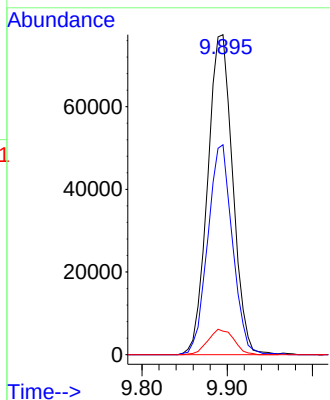
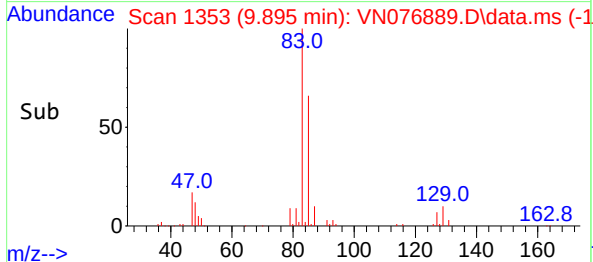
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



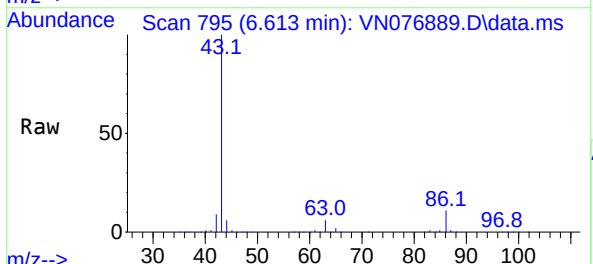
Tgt Ion: 83 Resp: 15826
Ion Ratio Lower Upper
83 100
85 65.6 51.0 76.4
127 7.4 6.2 9.2

Manual Integrations
APPROVED

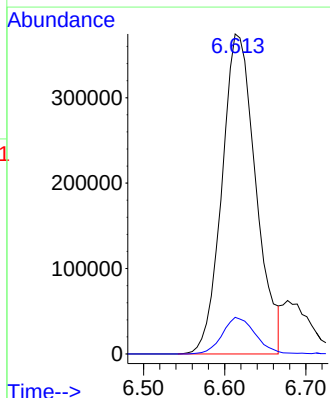
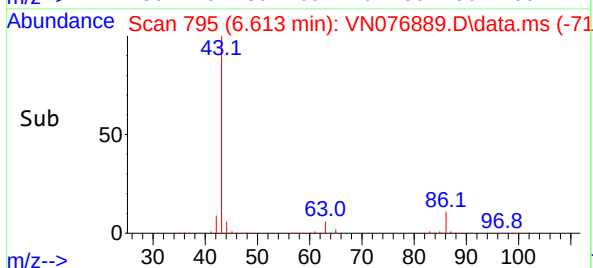
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

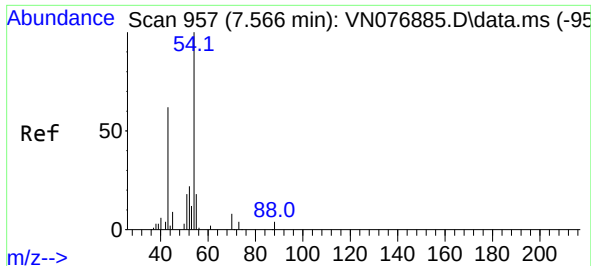


#42
Vinyl Acetate
Concen: 93.967 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 43 Resp: 1087407
Ion Ratio Lower Upper
43 100
86 11.1 7.8 11.6





#43

Ethyl Acetate

Concen: 19.661 ug/l

RT: 7.572 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076889.D

Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823

Tgt Ion: 43 Resp: 147280

Ion Ratio Lower Upper

43 100

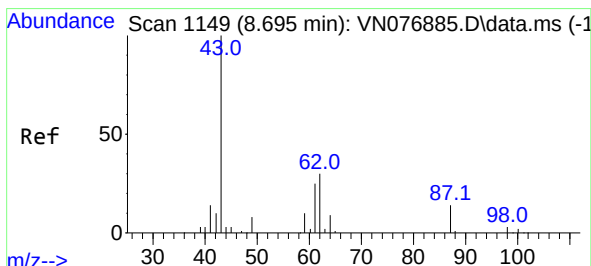
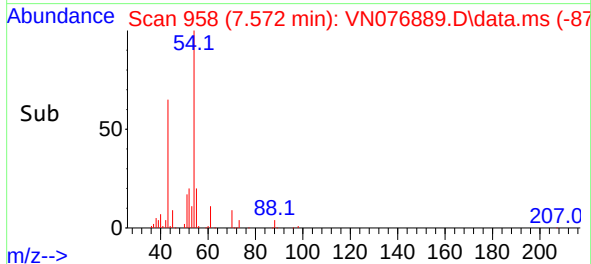
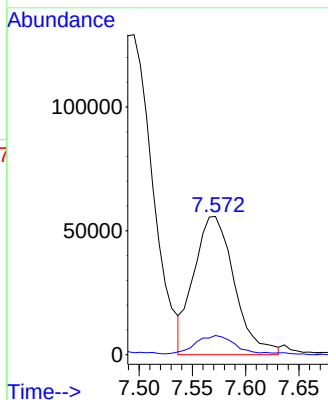
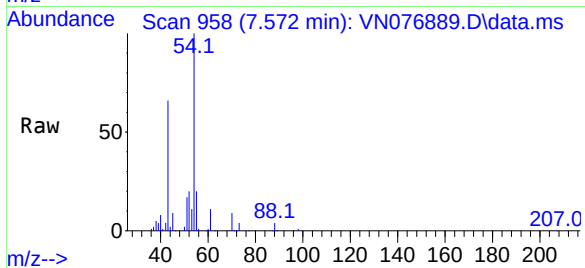
45 13.5 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#44

Isopropyl Acetate

Concen: 19.138 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN076889.D

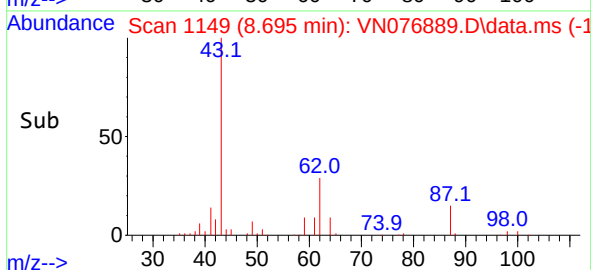
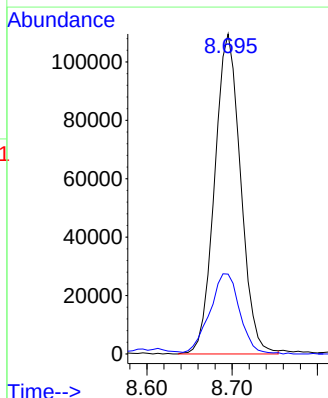
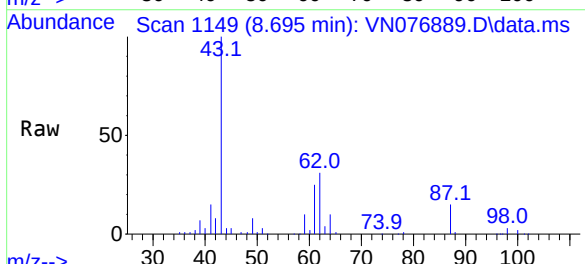
Acq: 08 Mar 2023 20:23

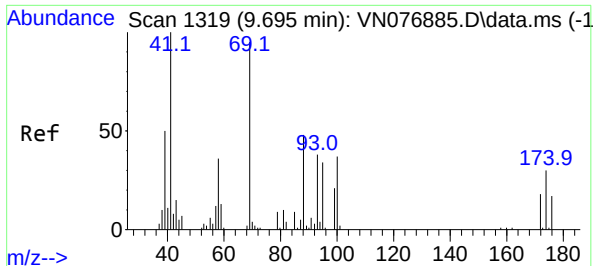
Tgt Ion: 43 Resp: 232389

Ion Ratio Lower Upper

43 100

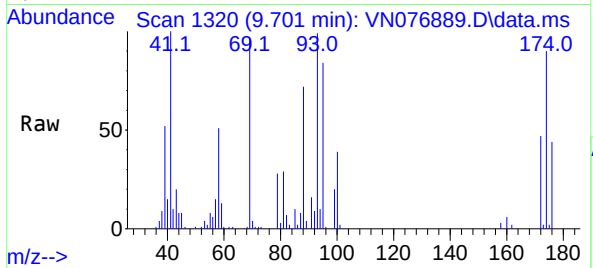
61 28.9 19.5 29.3





#45
1,4-Dioxane
Concen: 376.421 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

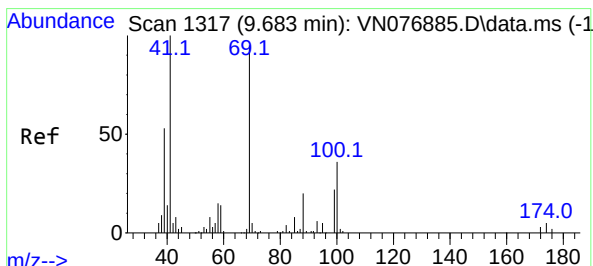
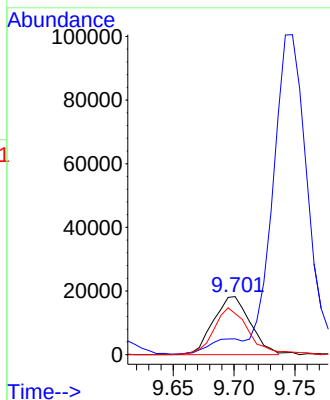
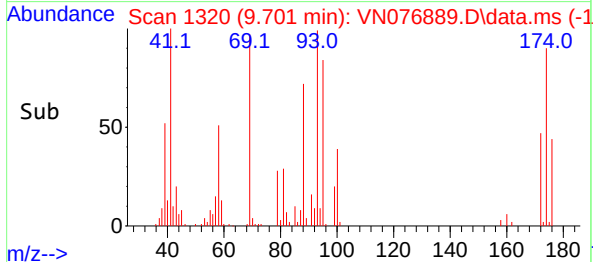
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



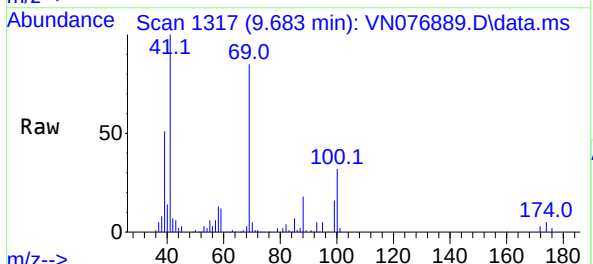
Tgt Ion: 88 Resp: 3845
Ion Ratio Lower Upper
88 100
43 25.6 26.0 39.0
58 77.5 54.3 81.5

Manual Integrations
APPROVED

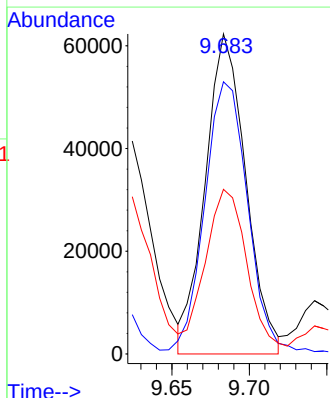
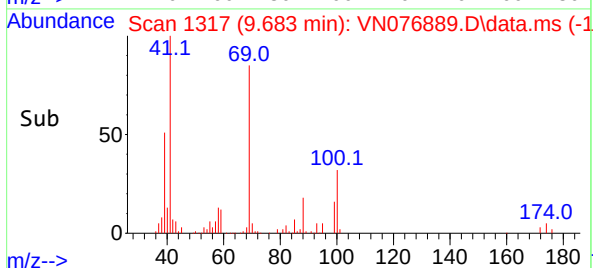
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

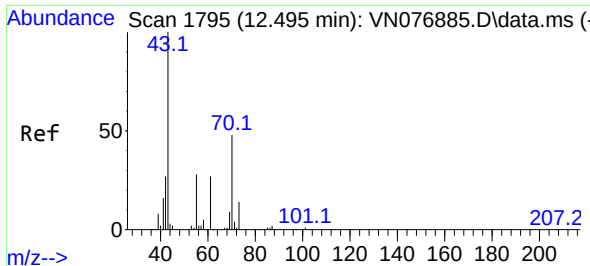


#46
Methyl methacrylate
Concen: 19.155 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



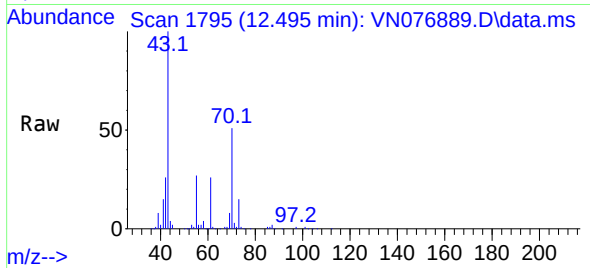
Tgt Ion: 41 Resp: 113271
Ion Ratio Lower Upper
41 100
69 86.4 40.6 121.7
39 50.8 30.5 91.5





#47
n-amyl acetate
Concen: 19.186 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

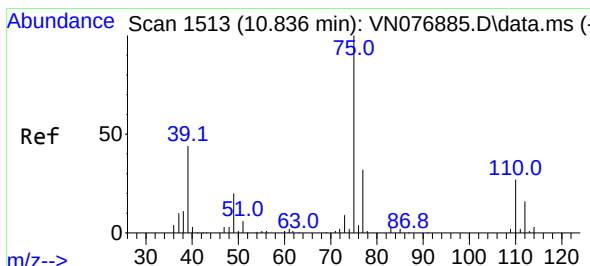
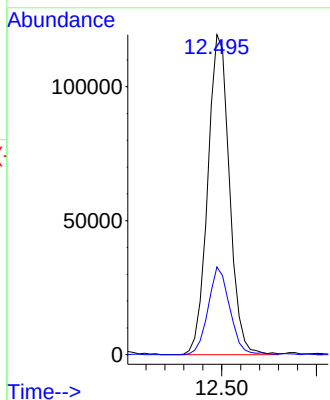
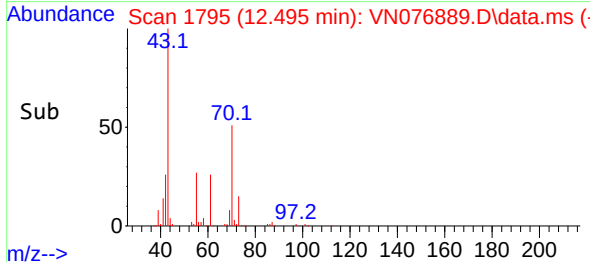
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



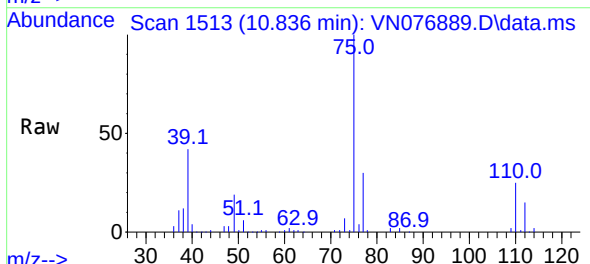
Tgt Ion: 43 Resp: 189590
Ion Ratio Lower Upper
43 100
55 27.4 18.3 27.5

Manual Integrations
APPROVED

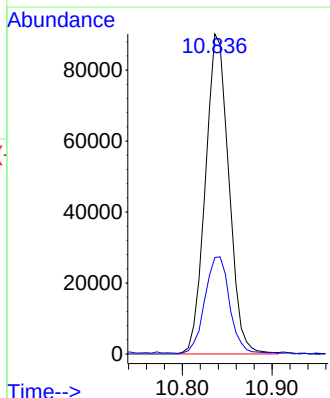
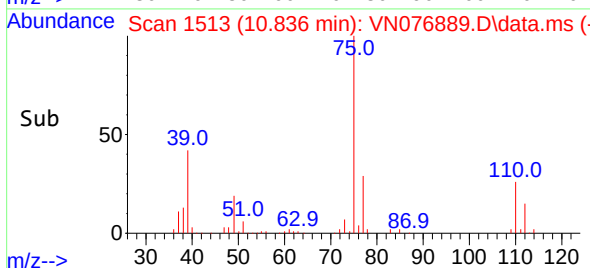
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

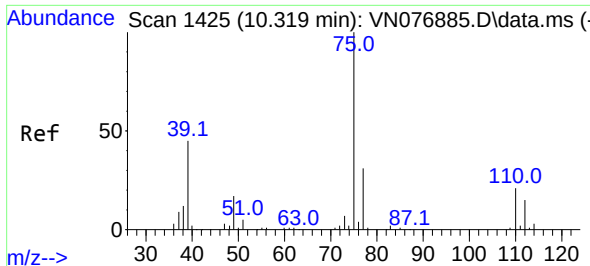


#48
t-1,3-Dichloropropene
Concen: 19.539 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



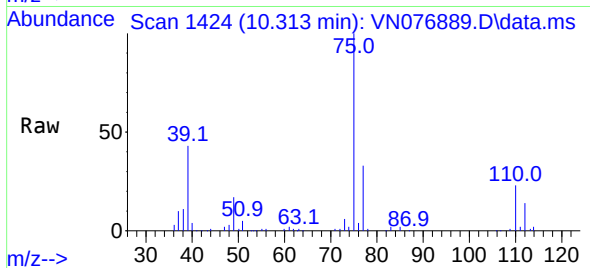
Tgt Ion: 75 Resp: 163770
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.322 ug/l
 RT: 10.313 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN076889.D
 Acq: 08 Mar 2023 20:23

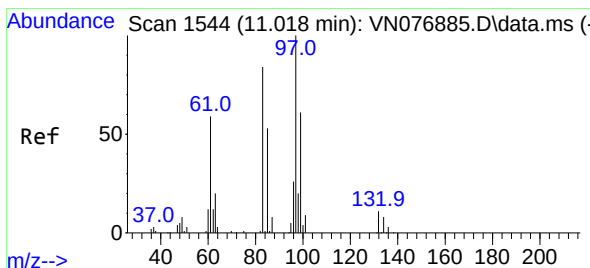
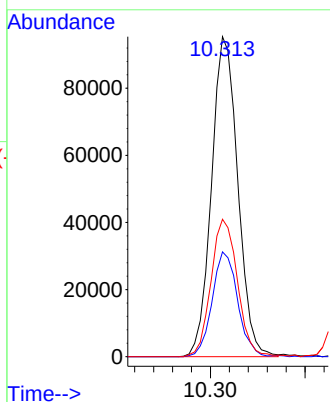
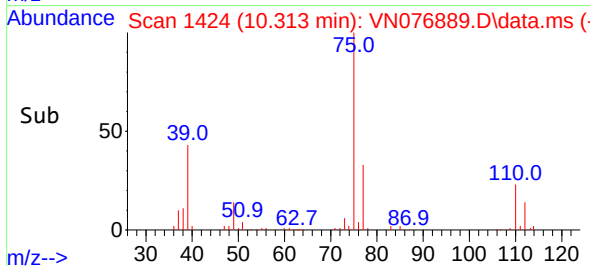
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN030823



Tgt Ion: 75 Resp: 18394
 Ion Ratio Lower Upper
 75 100
 77 32.8 27.5 41.3
 39 43.0 43.5 65.3

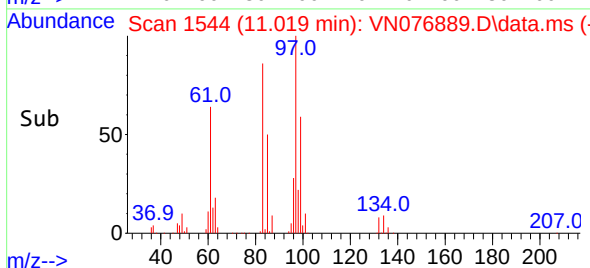
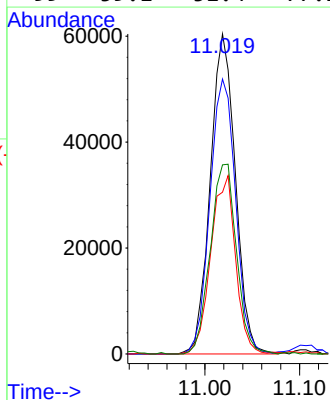
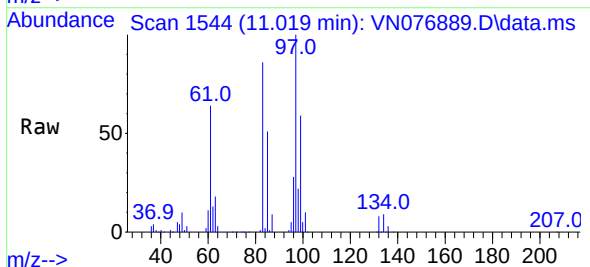
Manual Integrations
 APPROVED

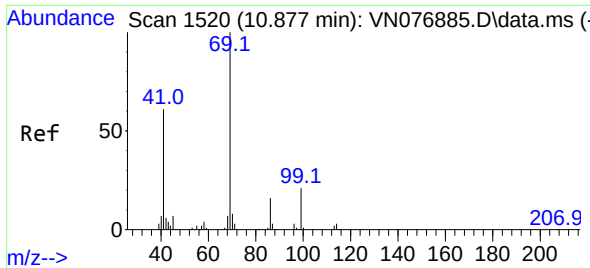
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 18.582 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN076889.D
 Acq: 08 Mar 2023 20:23

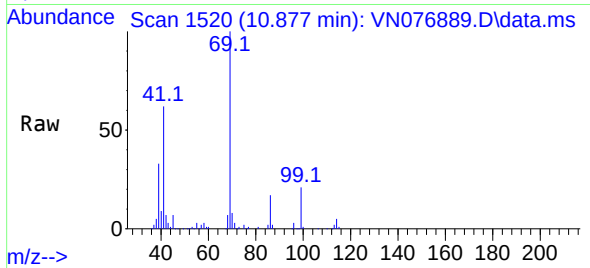
Tgt Ion: 97 Resp: 111159
 Ion Ratio Lower Upper
 97 100
 83 85.9 71.0 106.4
 85 50.5 45.5 68.3
 99 59.1 51.4 77.2





#51
Ethyl methacrylate
Concen: 19.280 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

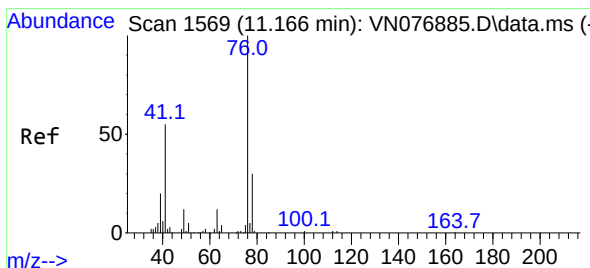
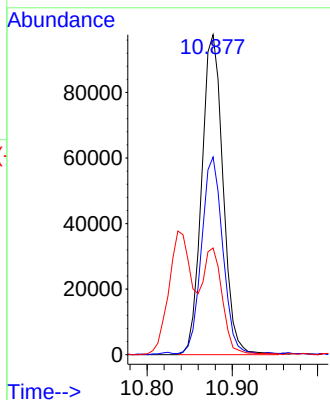
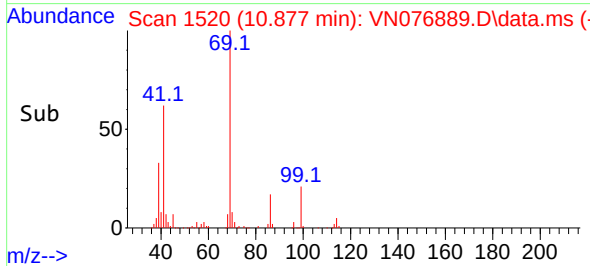
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



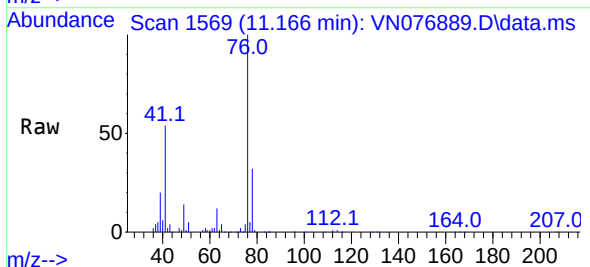
Tgt Ion: 69 Resp: 170028
Ion Ratio Lower Upper
69 100
41 61.4 36.3 108.7
39 33.1 19.9 59.7

Manual Integrations
APPROVED

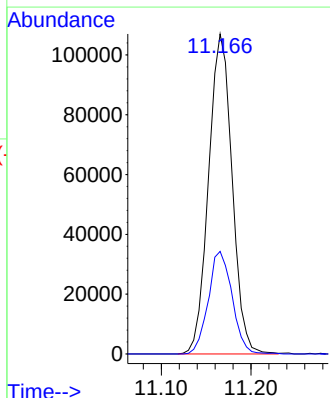
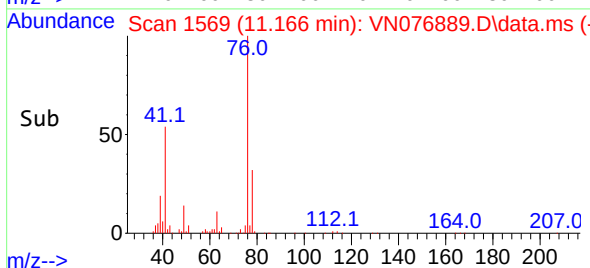
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

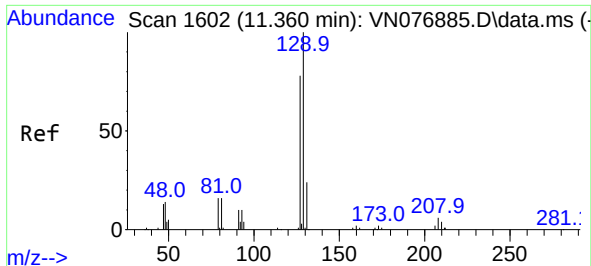


#52
1,3-Dichloropropane
Concen: 18.855 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



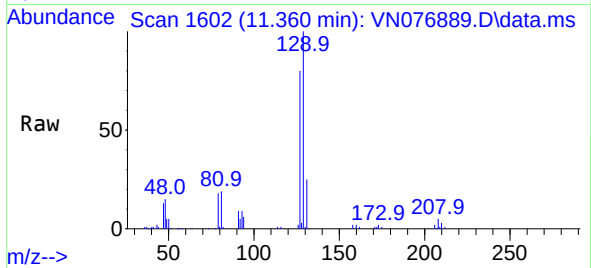
Tgt Ion: 76 Resp: 194819
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 18.731 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

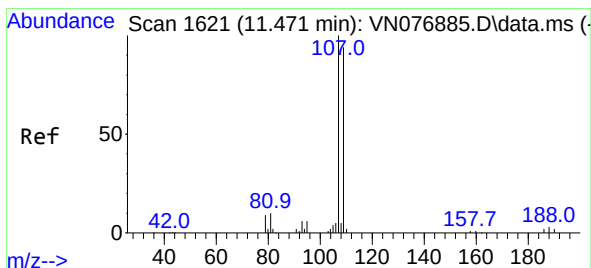
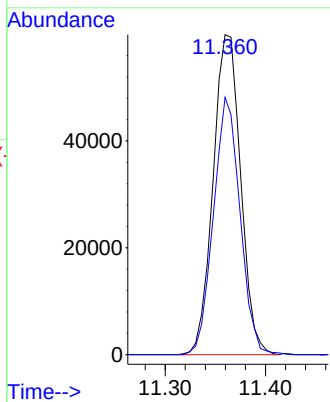
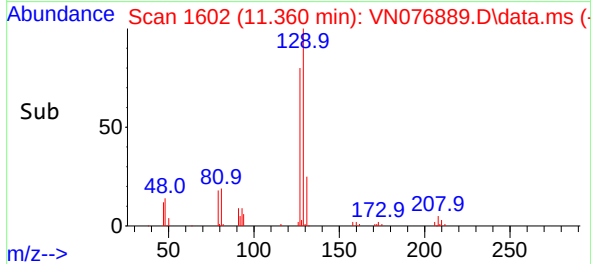
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



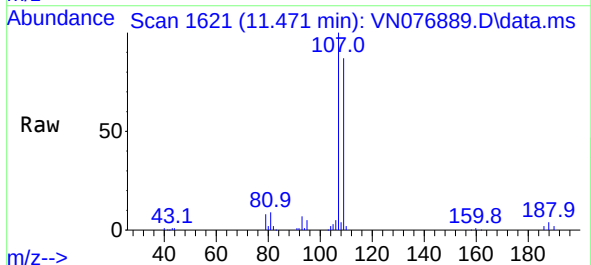
Tgt Ion:129 Resp: 114308
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1

Manual Integrations
APPROVED

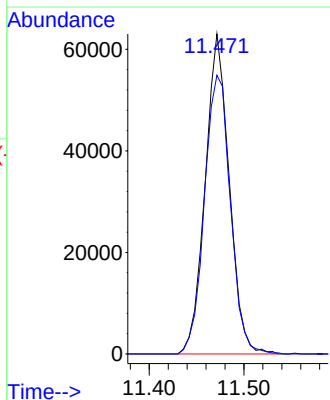
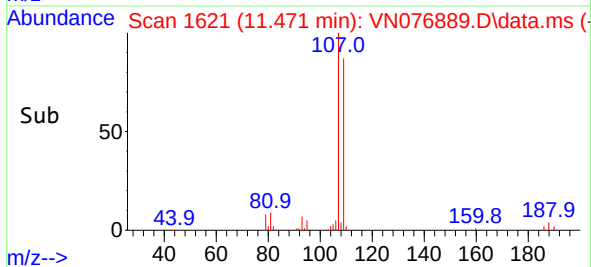
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

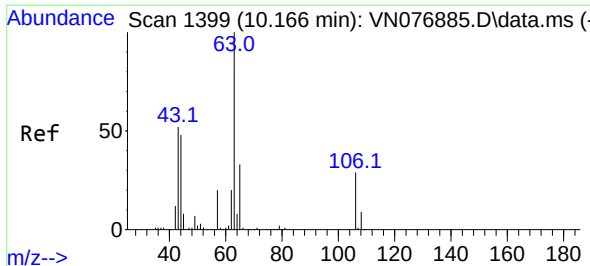


#54
1,2-Dibromoethane
Concen: 19.282 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



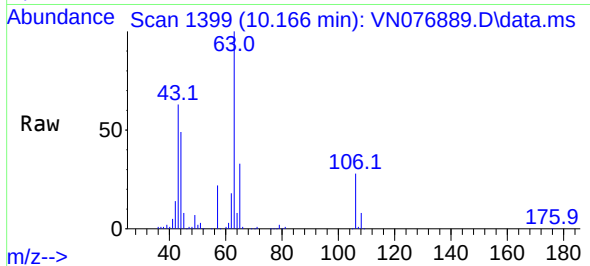
Tgt Ion:107 Resp: 111308
Ion Ratio Lower Upper
107 100
109 93.9 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 95.386 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

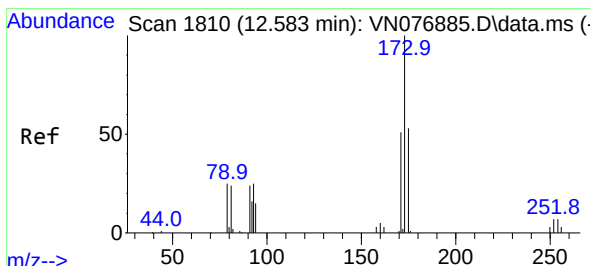
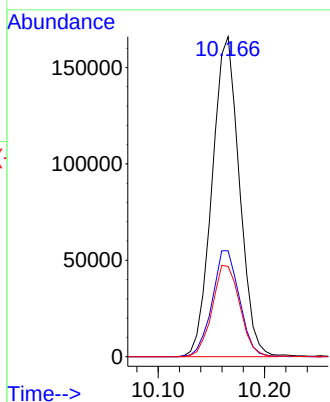
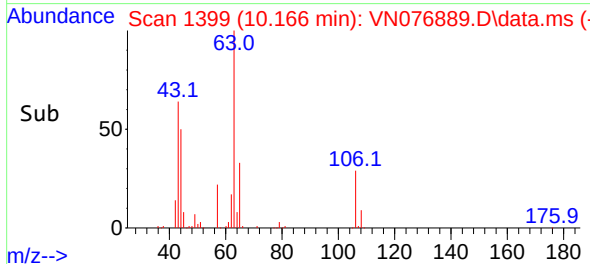
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



Tgt Ion: 63 Resp: 294930
Ion Ratio Lower Upper
63 100
65 33.1 26.3 39.5
106 28.9 21.6 32.4

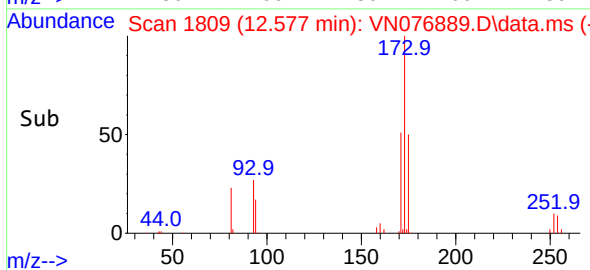
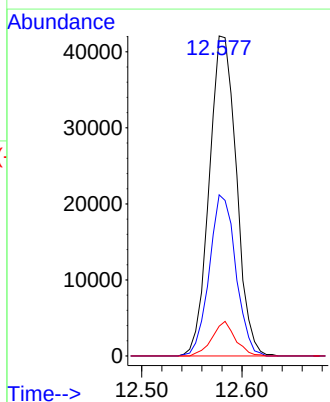
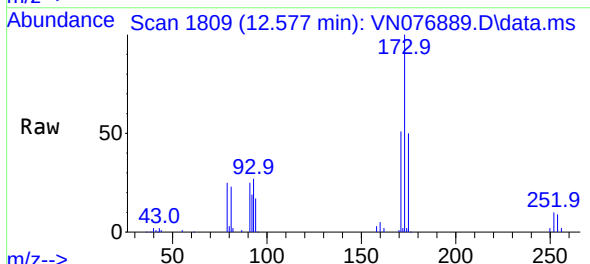
Manual Integrations
APPROVED

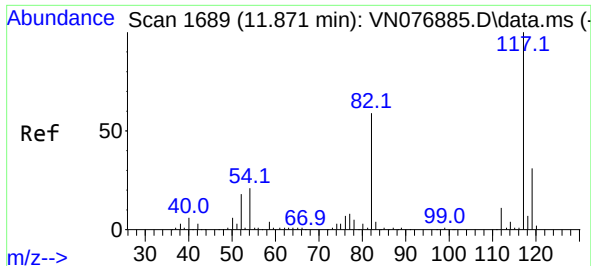
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#56
Bromoform
Concen: 19.342 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion:173 Resp: 78969
Ion Ratio Lower Upper
173 100
175 49.2 37.8 56.6
254 9.3 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

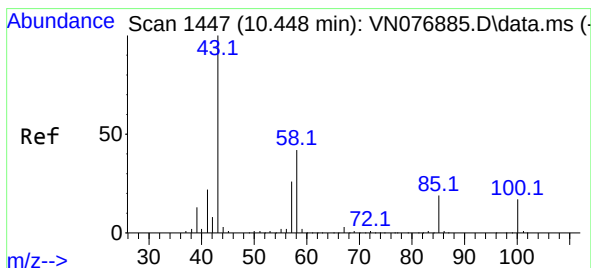
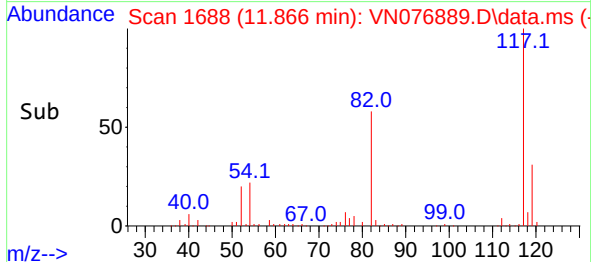
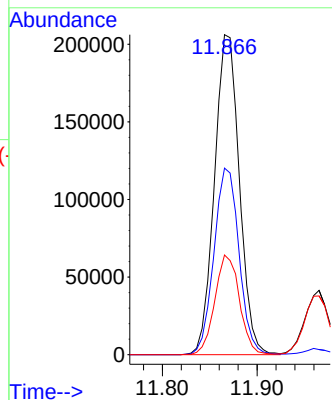
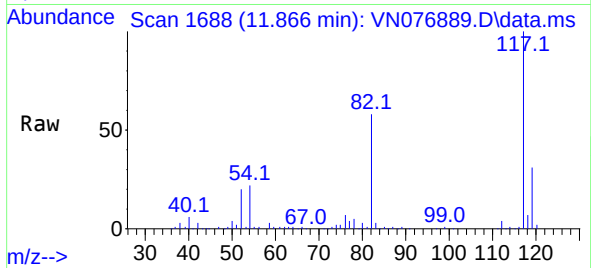
ICVVN030823

Tgt Ion:117 Resp: 377024
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.0
119 30.8 26.8 40.2

Manual Integrations

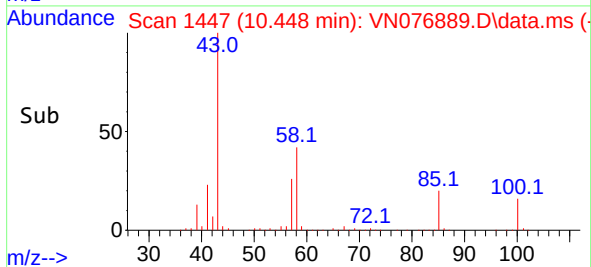
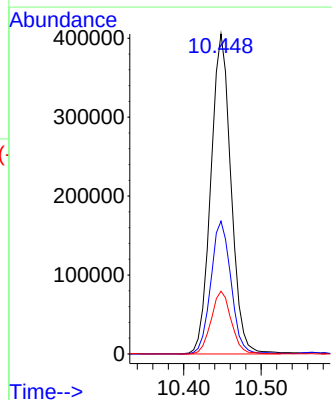
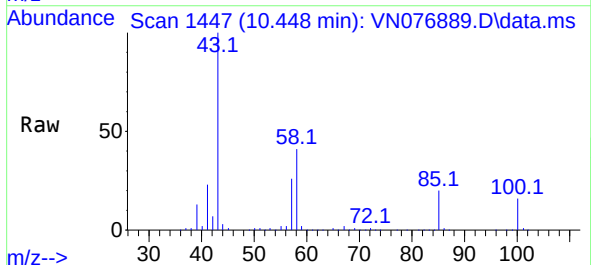
APPROVED

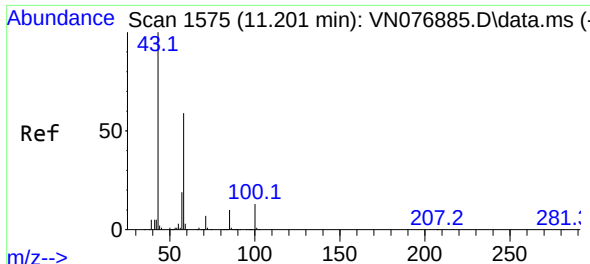
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#58
4-Methyl-2-Pentanone
Concen: 96.628 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

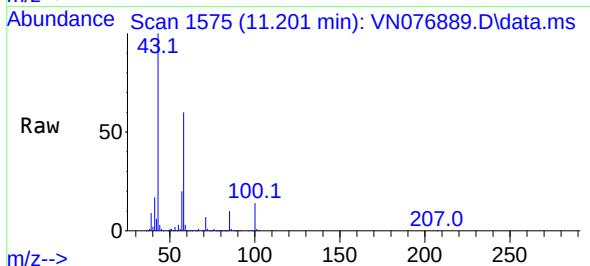
Tgt Ion: 43 Resp: 735955
Ion Ratio Lower Upper
43 100
58 41.3 28.6 42.8
85 19.5 11.8 17.8#





#59
2-Hexanone
Concen: 96.686 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

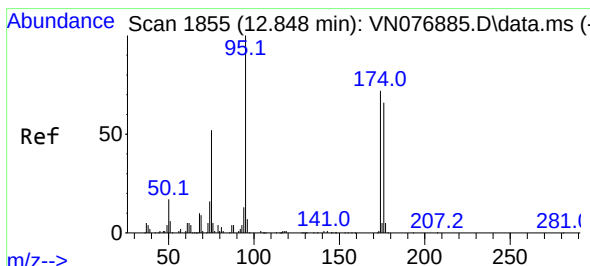
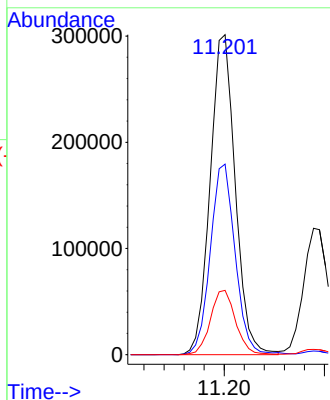
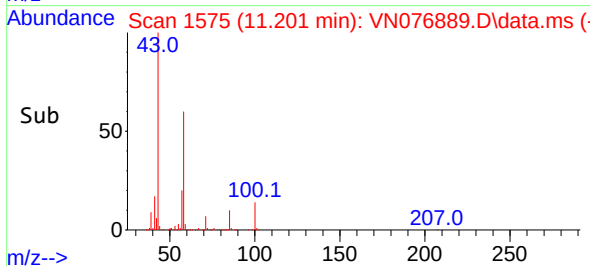
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



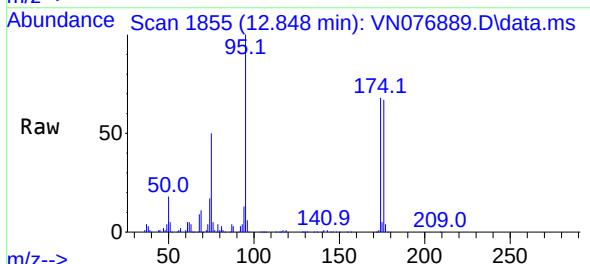
Tgt Ion: 43 Resp: 523118
Ion Ratio Lower Upper
43 100
58 59.0 40.6 60.8
57 20.2 13.1 19.7

Manual Integrations
APPROVED

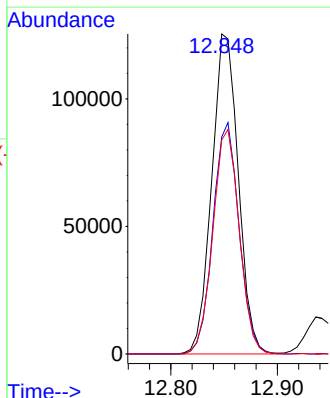
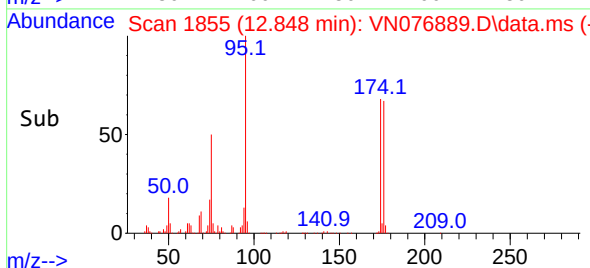
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

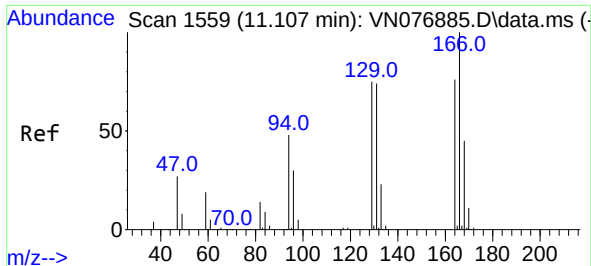


#60
4-Bromofluorobenzene
Concen: 30.440 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 95 Resp: 217210
Ion Ratio Lower Upper
95 100
174 71.2 64.2 96.4
176 69.4 61.4 92.0





#61
Tetrachloroethene
Concen: 18.797 ug/l
RT: 11.107 min Scan# 11187
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823

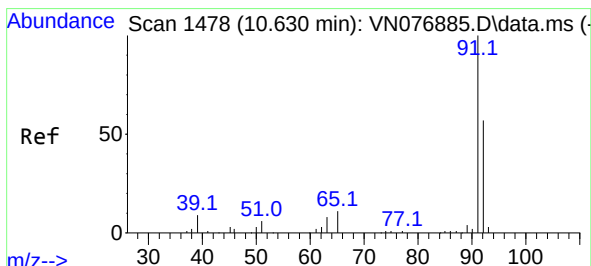
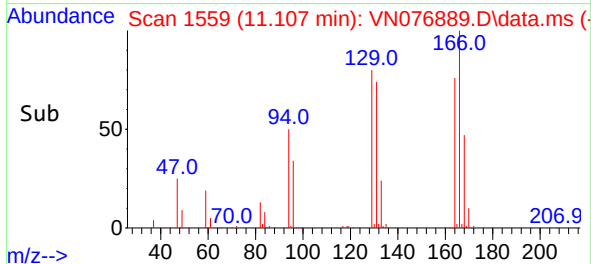
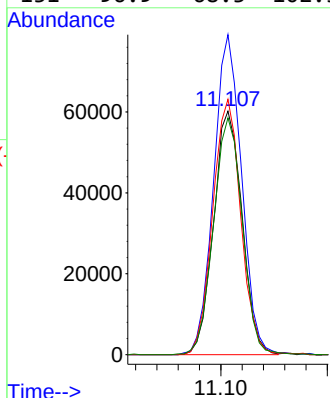
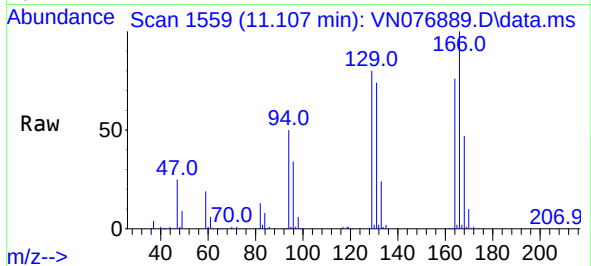
Tgt Ion:164 Resp: 11187
Ion Ratio Lower Upper
164 100
166 131.4 96.2 144.2
129 104.8 78.2 117.4
131 96.9 68.3 102.5

Manual Integrations

APPROVED

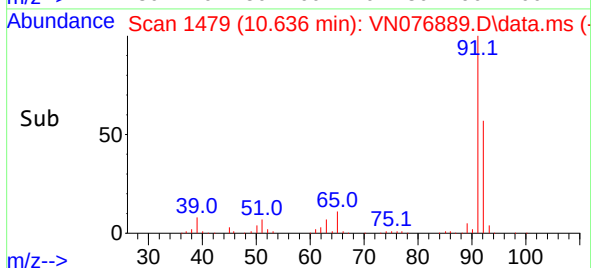
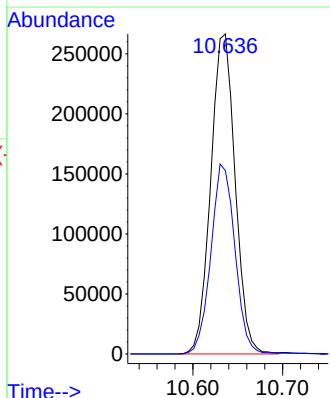
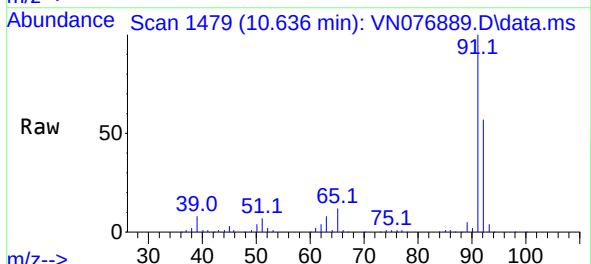
Reviewed By :John Carlone 03/09/2023

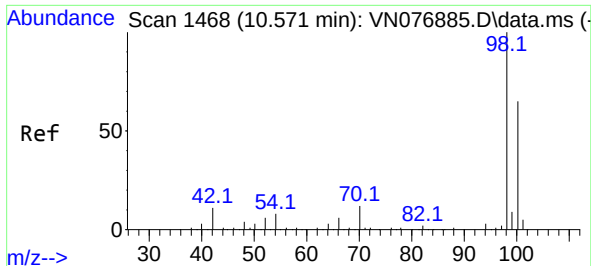
Supervised By :Mahesh Dadoda 03/09/2023



#62
Toluene
Concen: 19.398 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

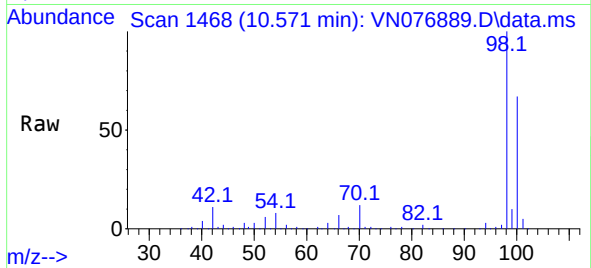
Tgt Ion: 91 Resp: 503955
Ion Ratio Lower Upper
91 100
92 58.4 46.3 69.5





#63
Toluene-d8
Concen: 29.869 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

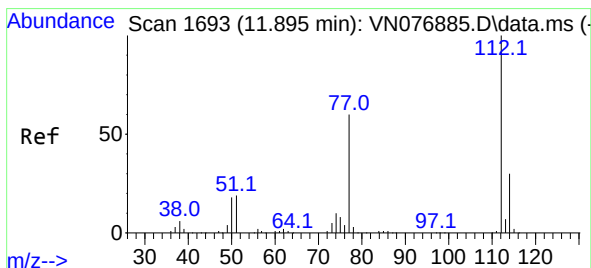
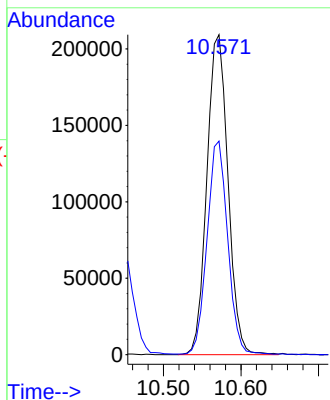
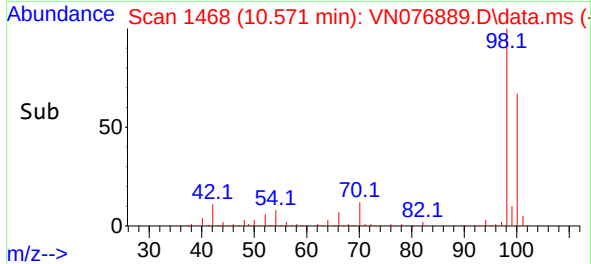
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



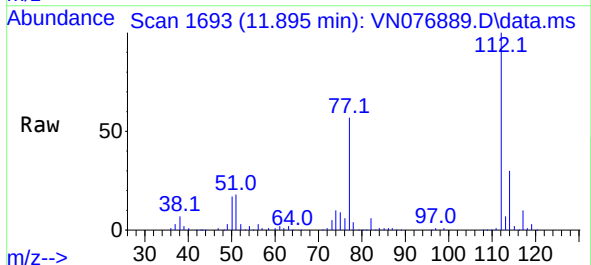
Tgt Ion: 98 Resp: 396089
Ion Ratio Lower Upper
98 100
100 64.9 53.8 80.6

Manual Integrations
APPROVED

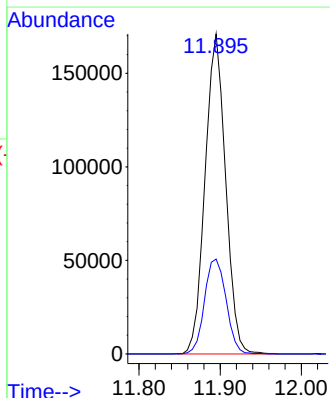
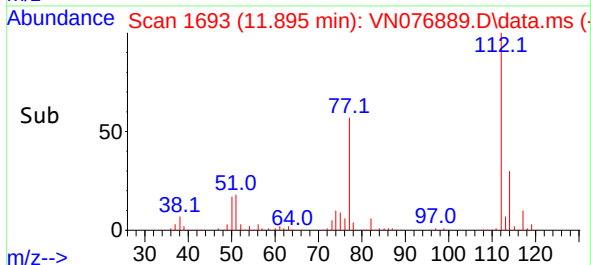
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

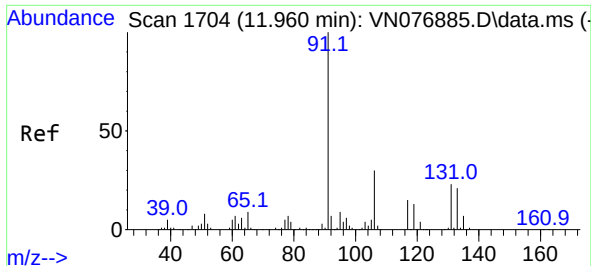


#64
Chlorobenzene
Concen: 19.636 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



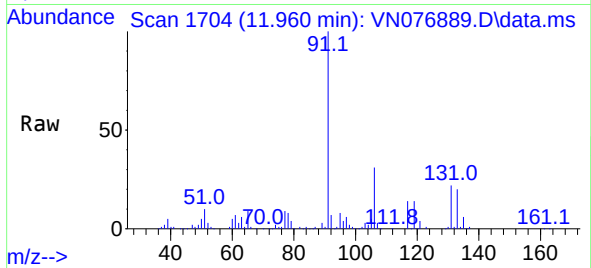
Tgt Ion:112 Resp: 300280
Ion Ratio Lower Upper
112 100
114 29.6 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 18.966 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

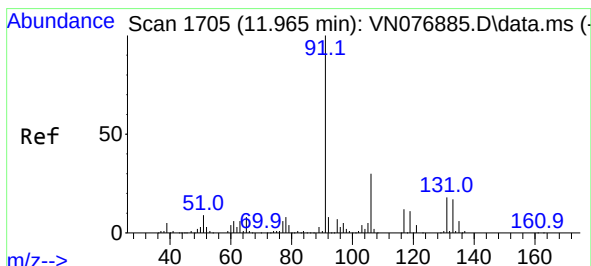
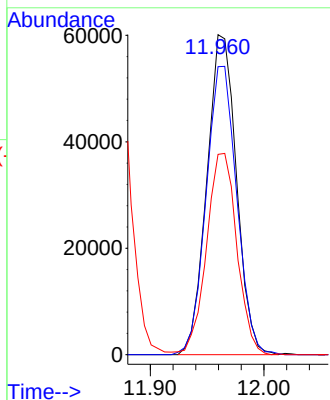
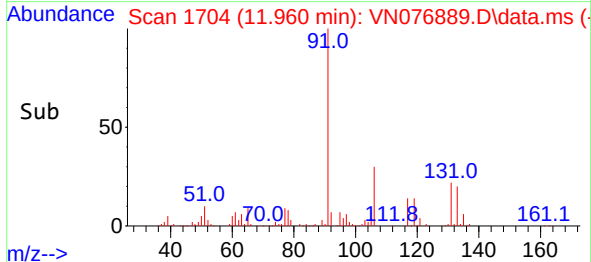
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



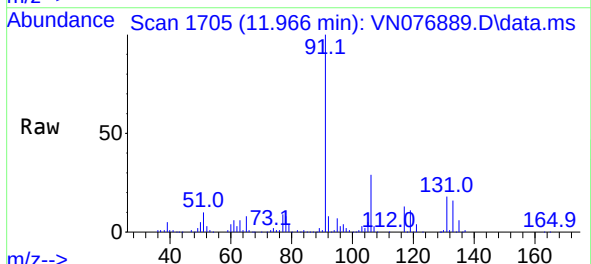
Tgt Ion:131 Resp: 10893
Ion Ratio Lower Upper
131 100
133 93.1 0.0 197.6
119 64.2 0.0 127.8

Manual Integrations
APPROVED

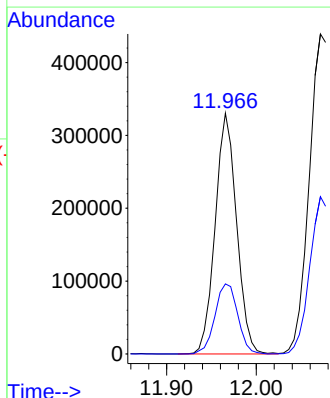
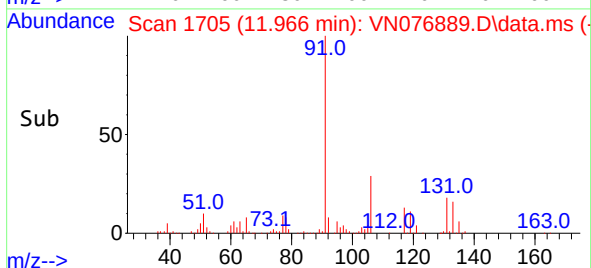
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

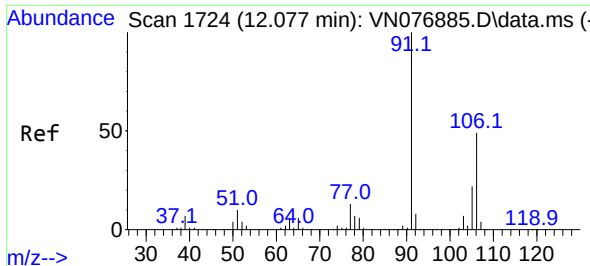


#66
Ethyl Benzene
Concen: 19.429 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 91 Resp: 548005
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.8





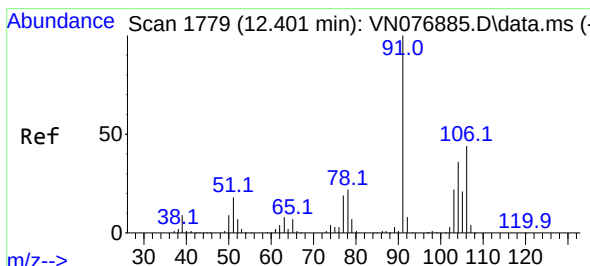
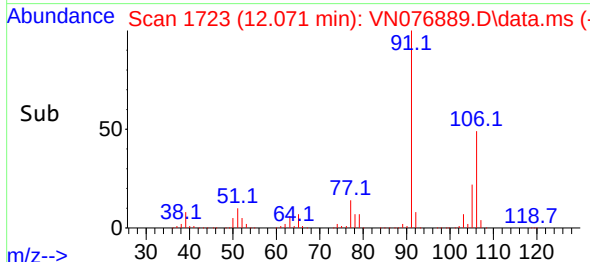
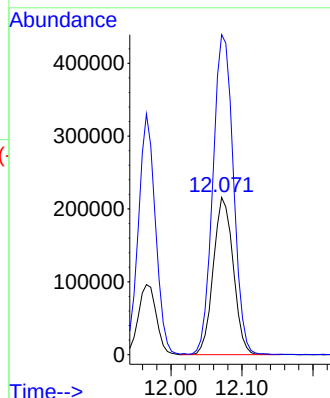
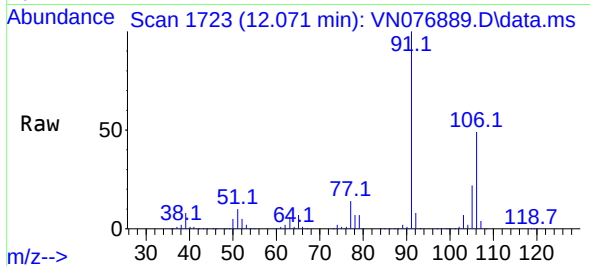
#67
m/p-Xylenes
Concen: 39.317 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823

Tgt Ion:106 Resp: 42006
Ion Ratio Lower Upper
106 100
91 209.1 157.4 236.2

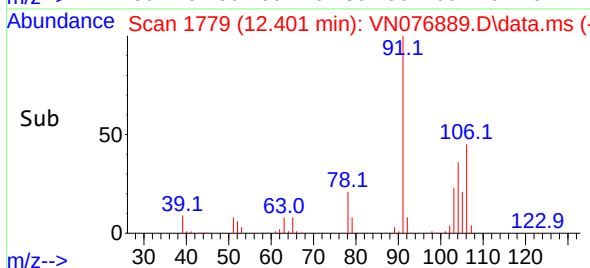
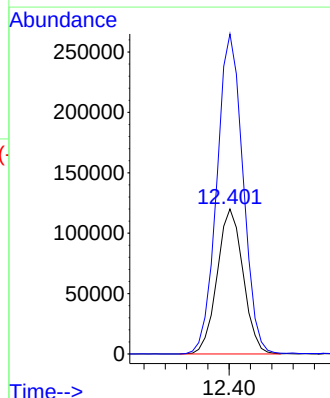
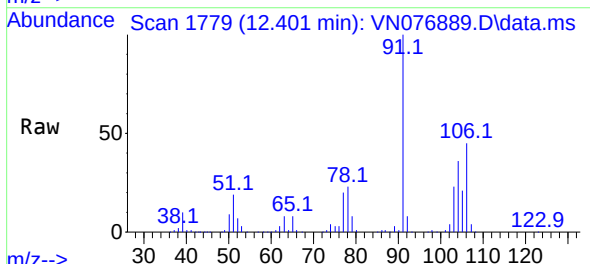
Manual Integrations
APPROVED

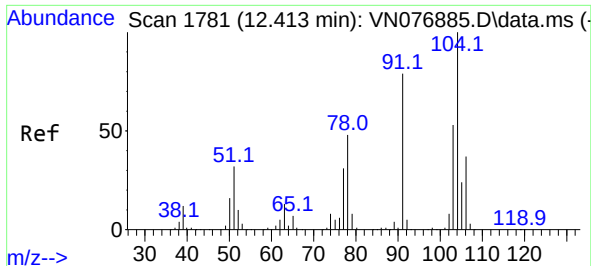
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#68
o-Xylene
Concen: 19.458 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion:106 Resp: 202962
Ion Ratio Lower Upper
106 100
91 222.4 107.2 321.6





#69
Styrene
Concen: 19.787 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

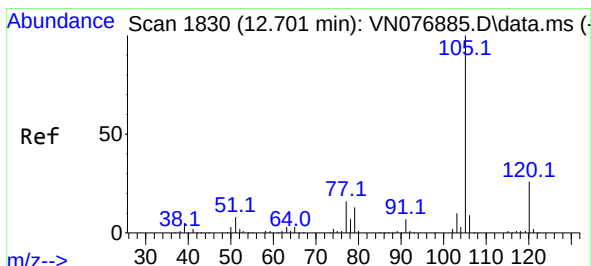
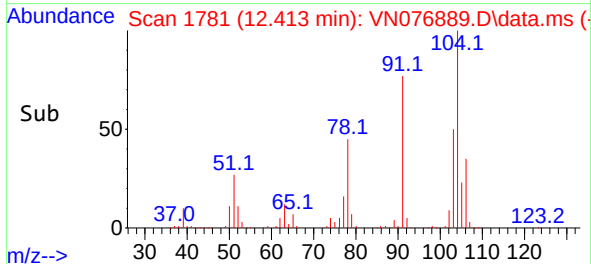
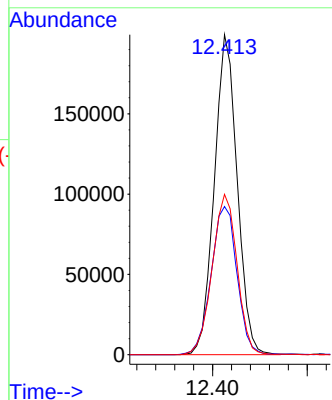
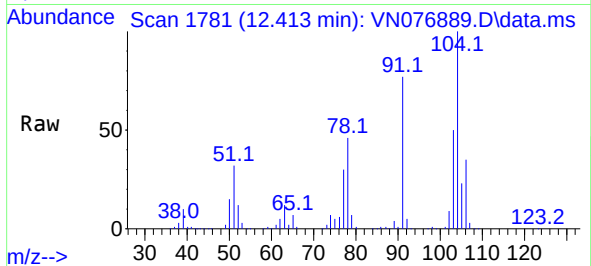
ICVVN030823

Tgt Ion:104 Resp: 33474
Ion Ratio Lower Upper
104 100
78 52.4 39.6 59.4
103 54.4 43.9 65.9

Manual Integrations

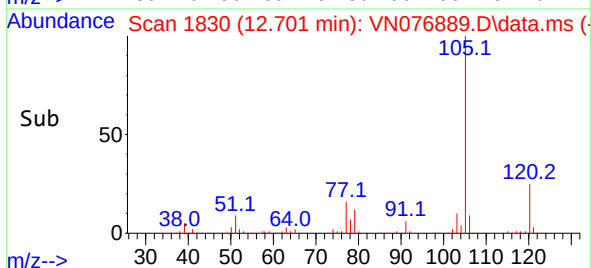
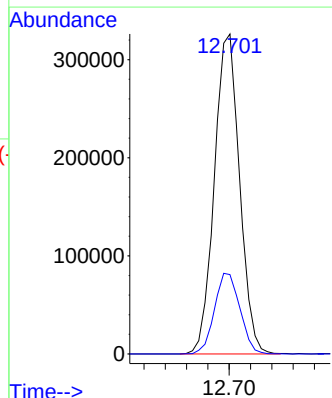
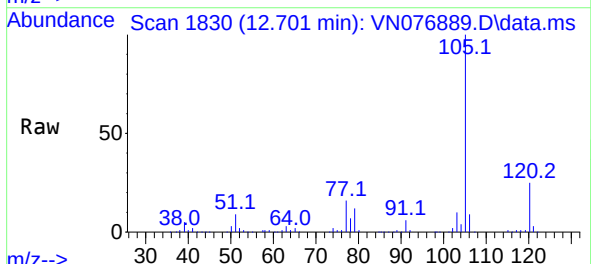
APPROVED

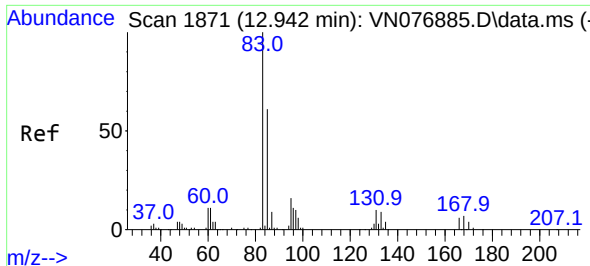
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
Isopropylbenzene
Concen: 19.743 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

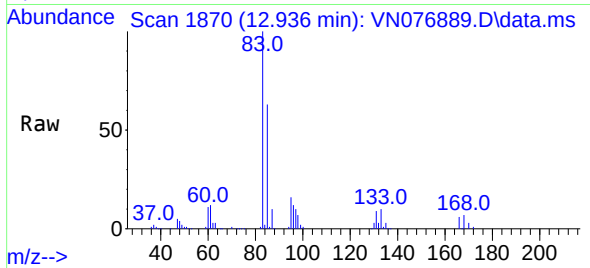
Tgt Ion:105 Resp: 535836
Ion Ratio Lower Upper
105 100
120 25.3 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.122 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

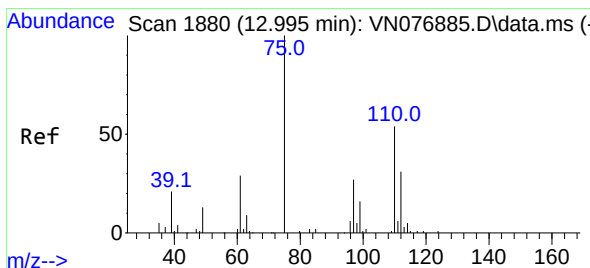
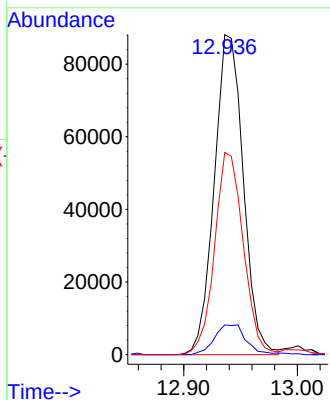
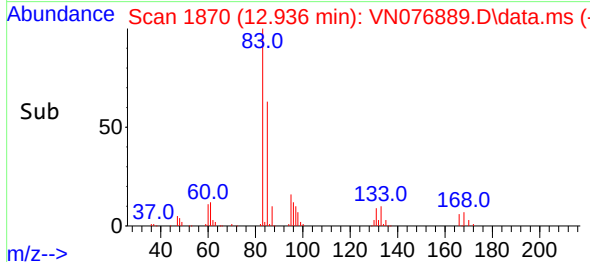
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



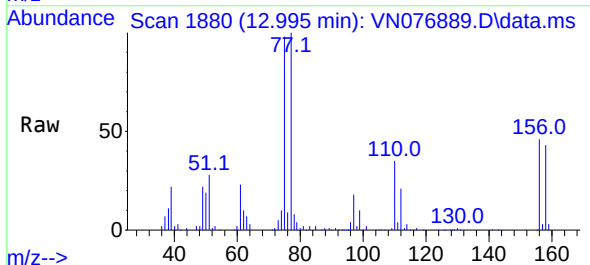
Tgt Ion: 83 Resp: 15648
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 62.4 32.3 96.9

Manual Integrations
APPROVED

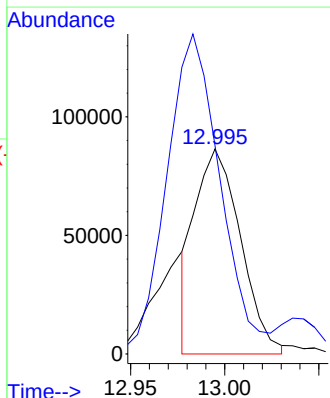
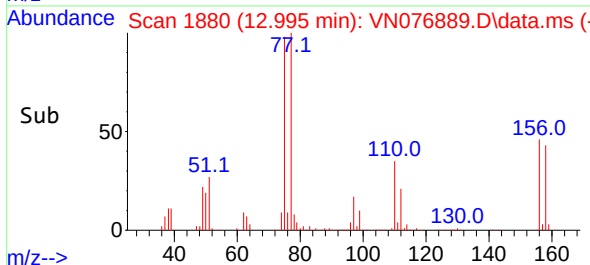
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

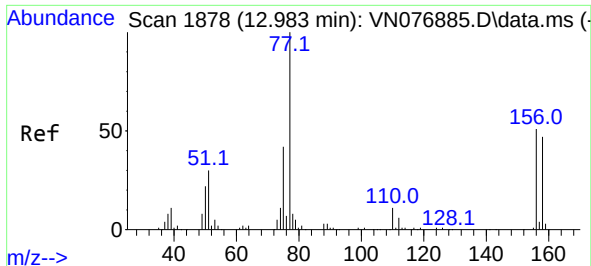


#72
1,2,3-Trichloropropane
Concen: 19.300 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



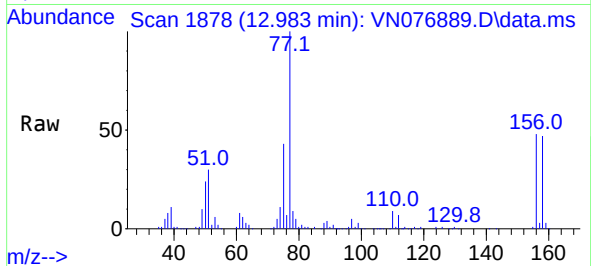
Tgt Ion: 75 Resp: 144881
Ion Ratio Lower Upper
75 100
77 184.8 0.0 332.6





#73
Bromobenzene
Concen: 19.155 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

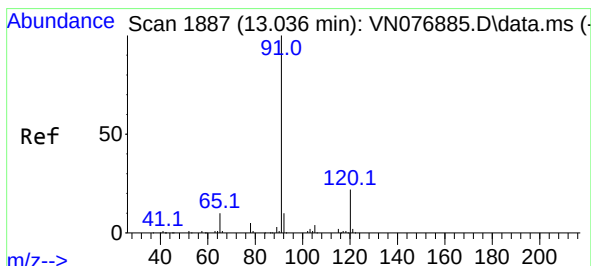
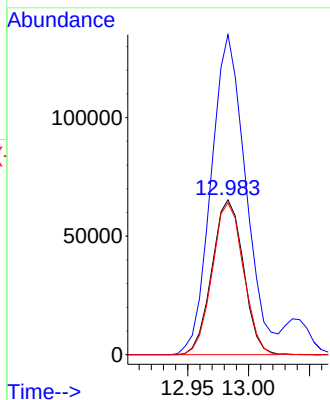
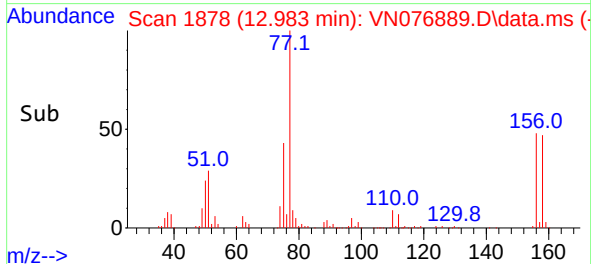
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



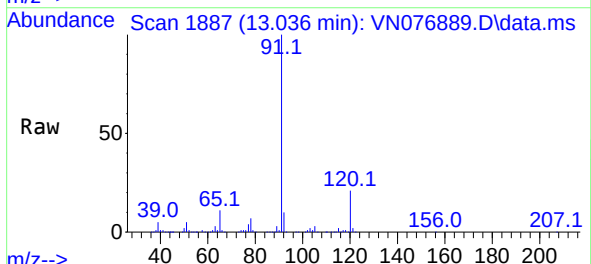
Tgt Ion:156 Resp: 117320
Ion Ratio Lower Upper
156 100
77 228.2 0.0 423.0
158 97.5 0.0 188.6

Manual Integrations
APPROVED

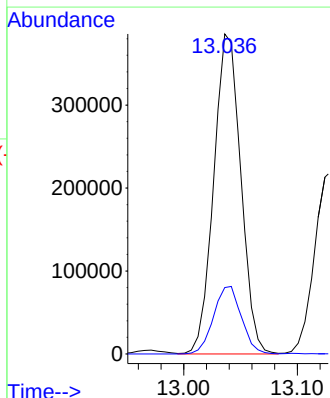
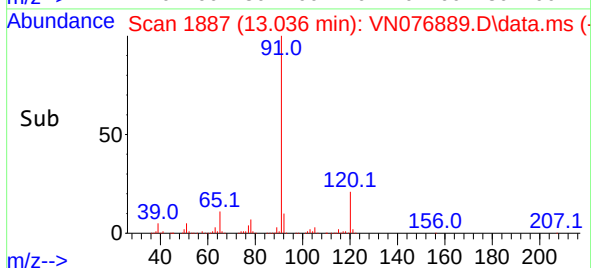
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

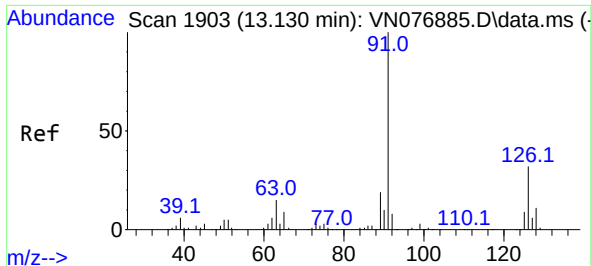


#74
n-propylbenzene
Concen: 19.963 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion: 91 Resp: 639519
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.0





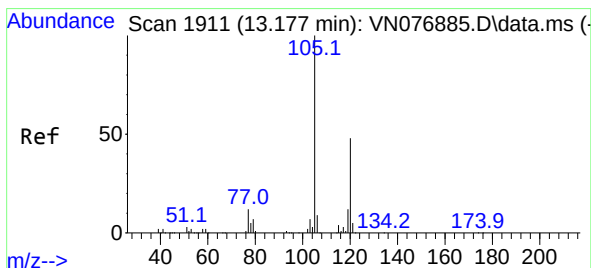
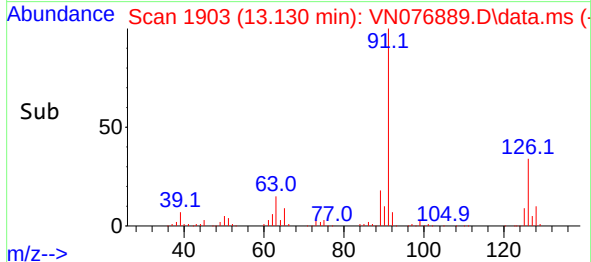
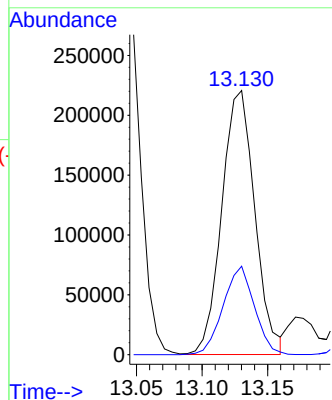
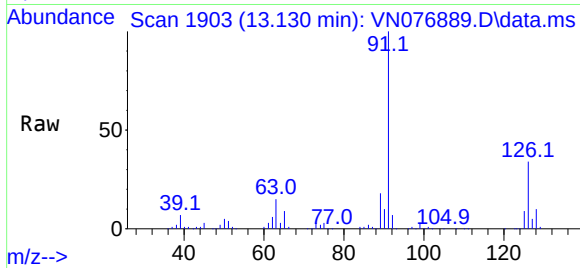
#75
2-Chlorotoluene
Concen: 19.490 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument : MSVOA_N
ClientSampleId : ICVVN030823

Tgt Ion: 91 Resp: 38612
Ion Ratio Lower Upper
91 100
126 31.8 0.0 66.4

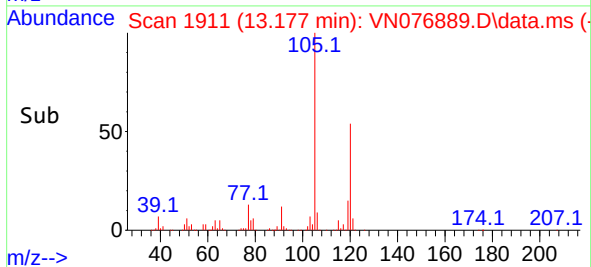
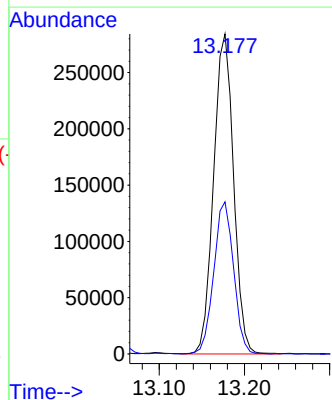
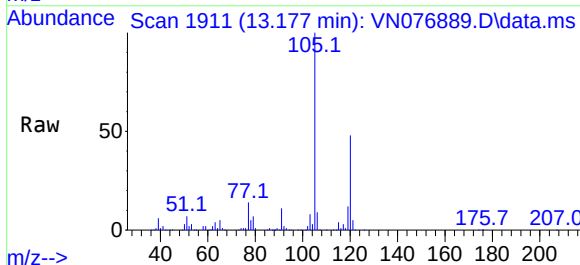
Manual Integrations
APPROVED

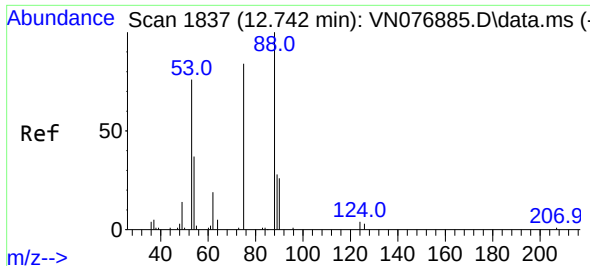
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.698 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

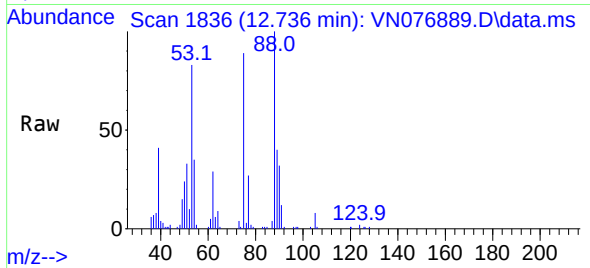
Tgt Ion:105 Resp: 462741
Ion Ratio Lower Upper
105 100
120 47.3 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.548 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

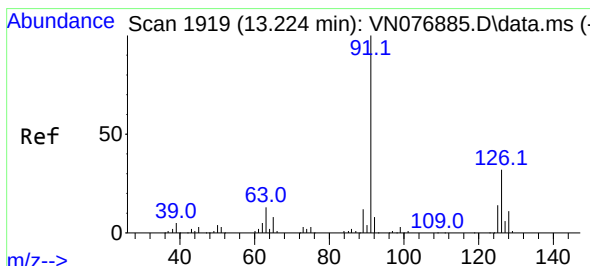
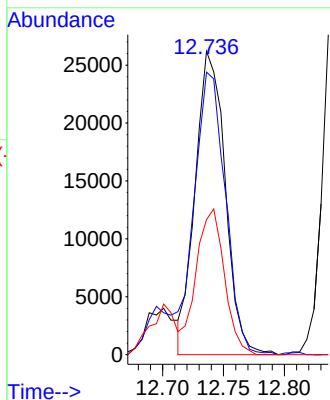
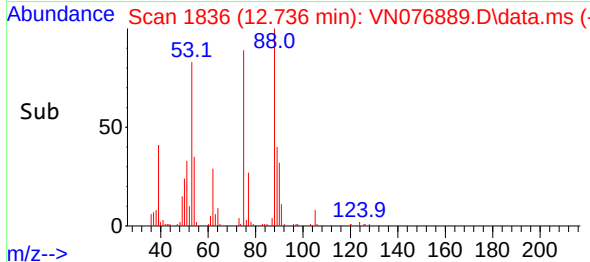
Instrument : MSVOA_N
ClientSampleId : ICVVN030823



Tgt Ion: 75 Resp: 44794
Ion Ratio Lower Upper
75 100
53 93.1 50.4 151.3
89 44.5 22.1 66.5

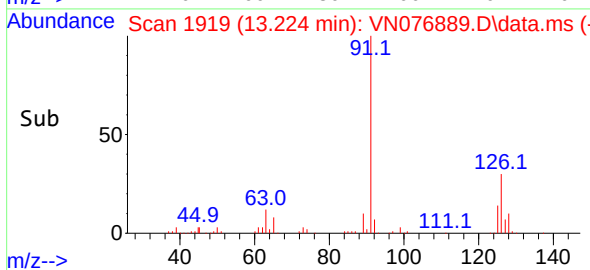
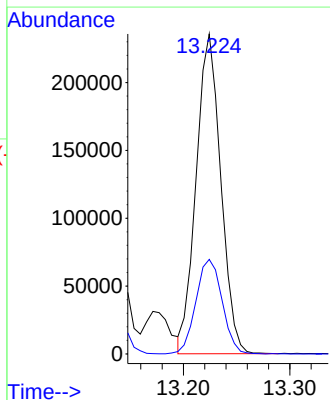
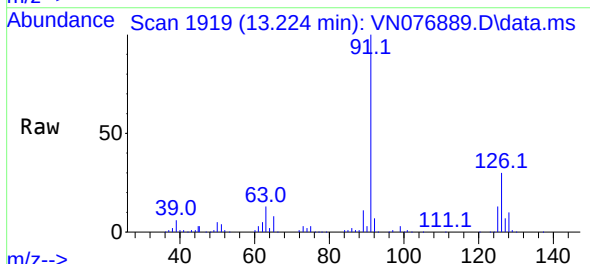
Manual Integrations
APPROVED

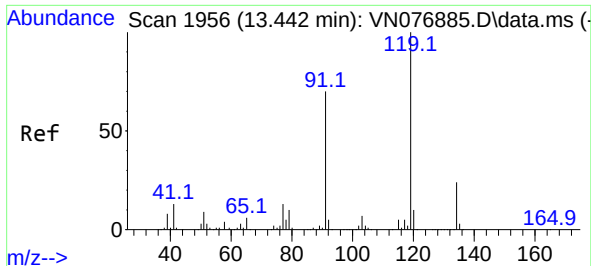
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#78
4-Chlorotoluene
Concen: 19.835 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion: 91 Resp: 378803
Ion Ratio Lower Upper
91 100
126 31.5 0.0 70.6





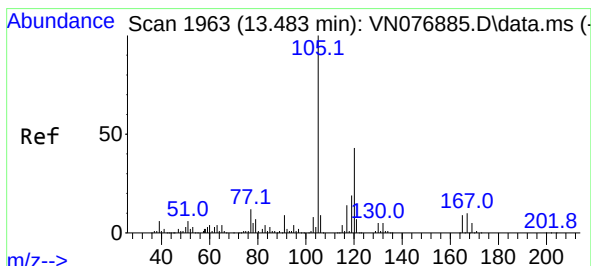
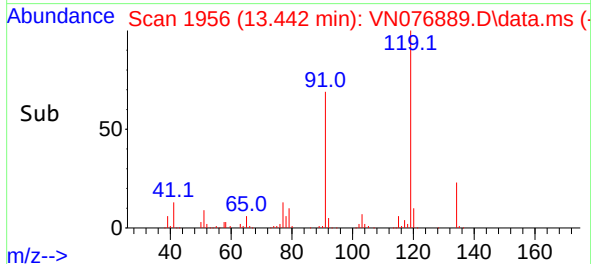
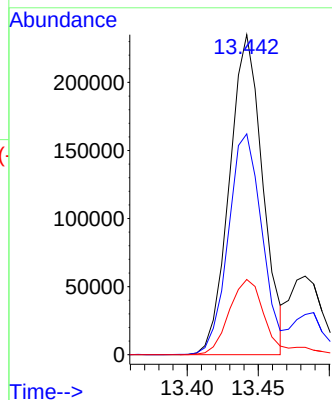
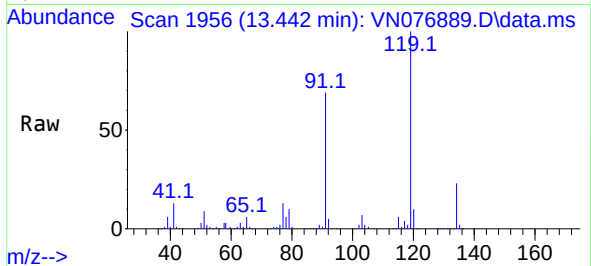
#79
tert-butylbenzene
Concen: 19.528 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument : MSVOA_N
ClientSampleId : ICVVN030823

Tgt Ion:119 Resp: 38361
Ion Ratio Lower Upper
119 100
91 69.7 0.0 129.6
134 24.4 0.0 47.8

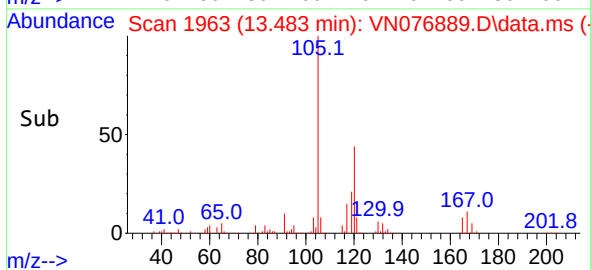
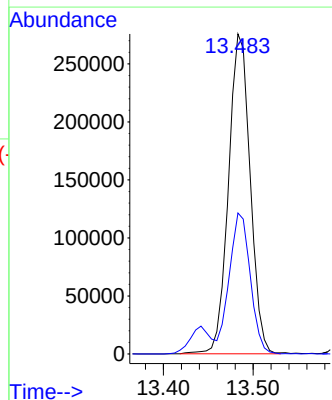
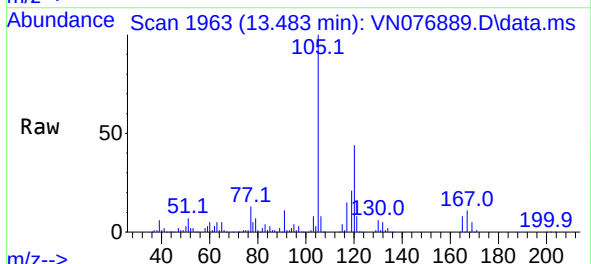
Manual Integrations
APPROVED

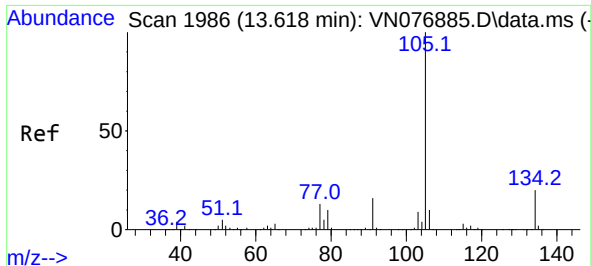
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.027 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion:105 Resp: 462334
Ion Ratio Lower Upper
105 100
120 42.5 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.703 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076889.D
 Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

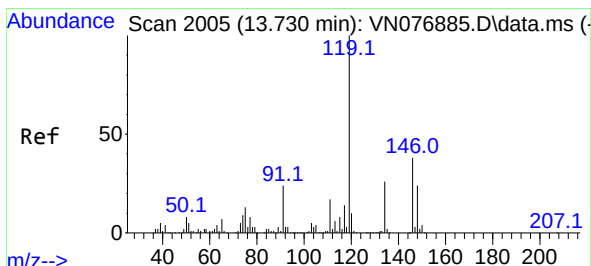
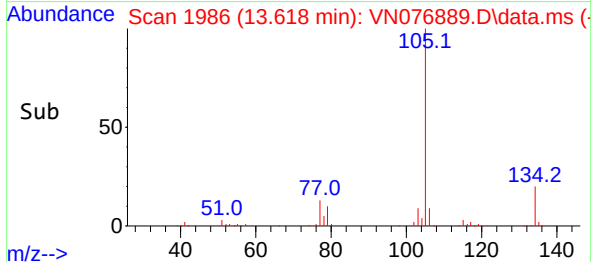
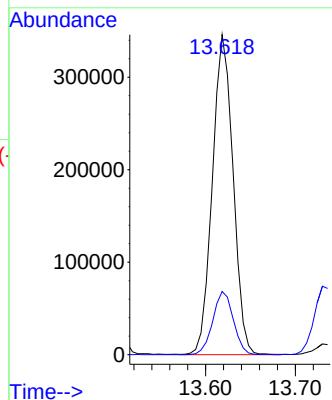
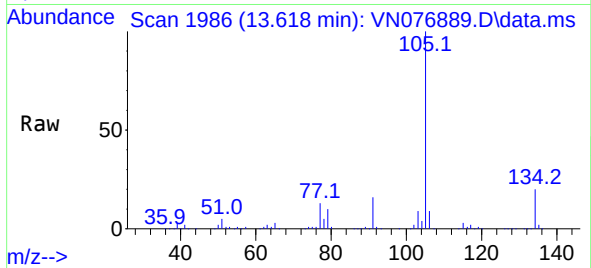
ICVVN030823

Tgt Ion:105 Resp: 55379
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

Manual Integrations

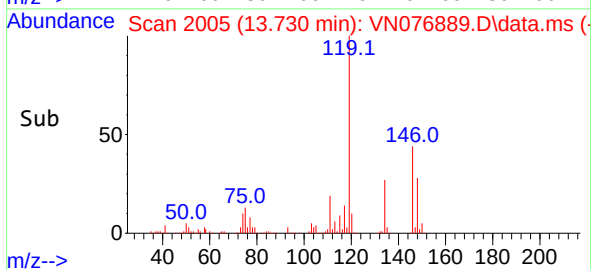
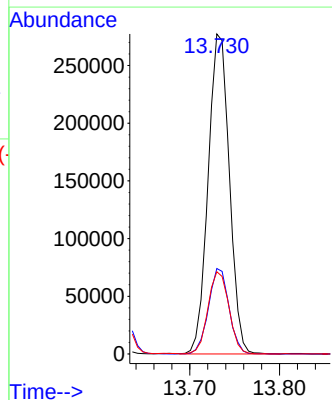
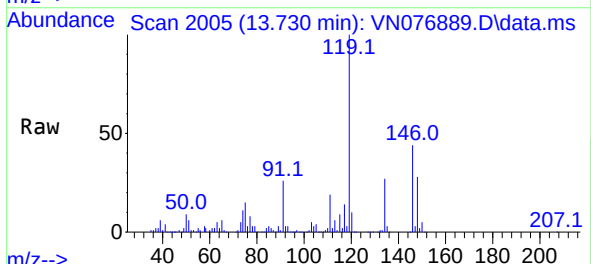
APPROVED

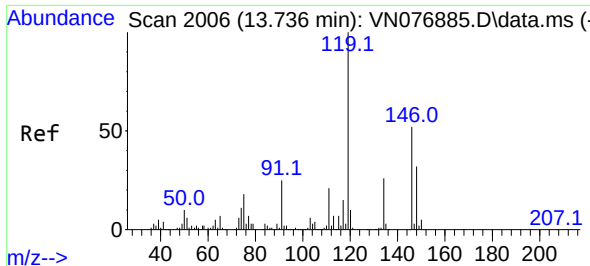
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#82
 p-Isopropyltoluene
 Concen: 20.083 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076889.D
 Acq: 08 Mar 2023 20:23

Tgt Ion:119 Resp: 456204
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.4
 91 25.3 0.0 47.2





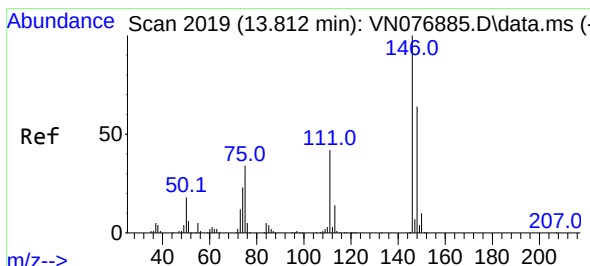
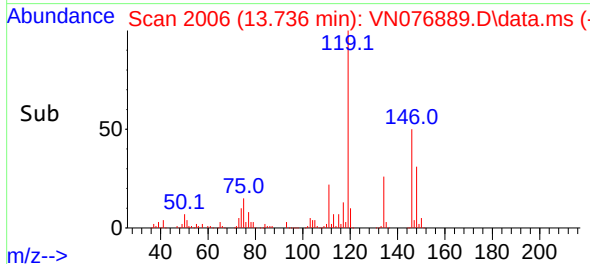
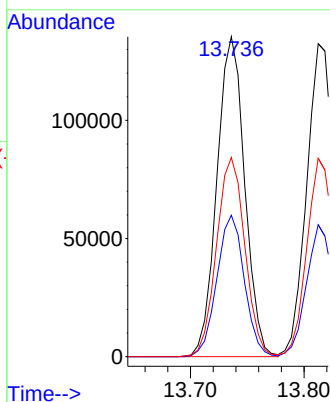
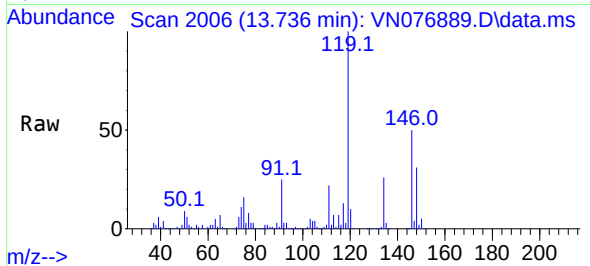
#83
1,3-Dichlorobenzene
Concen: 20.298 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument : MSVOA_N
ClientSampleId : ICVVN030823

Tgt Ion:146 Resp: 230025
Ion Ratio Lower Upper
146 100
111 43.7 20.3 60.8
148 63.5 31.9 95.5

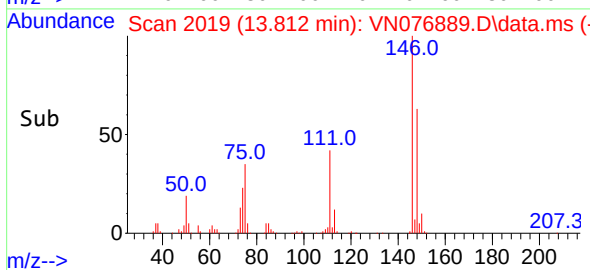
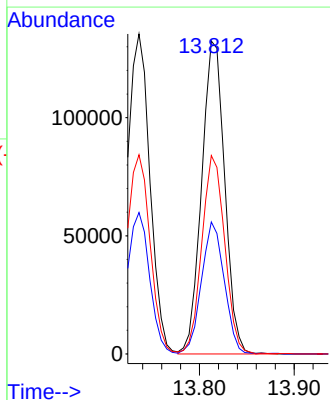
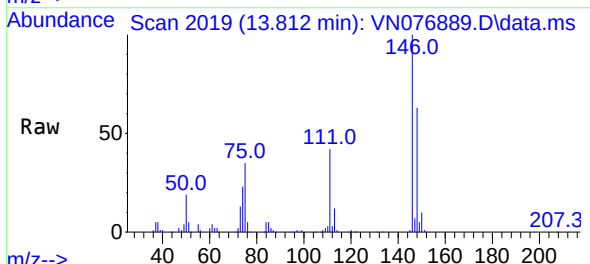
Manual Integrations
APPROVED

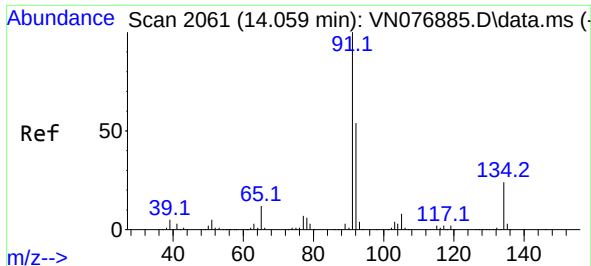
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#84
1,4-Dichlorobenzene
Concen: 20.360 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion:146 Resp: 224117
Ion Ratio Lower Upper
146 100
111 41.6 18.2 54.6
148 62.9 31.1 93.2





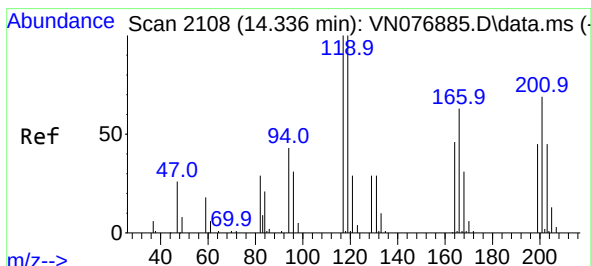
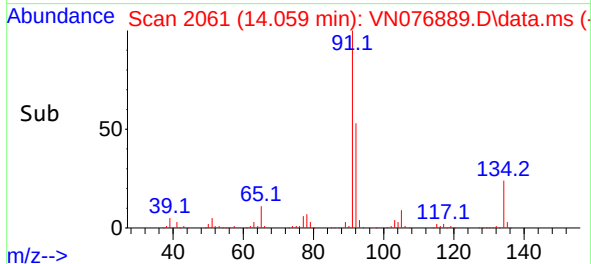
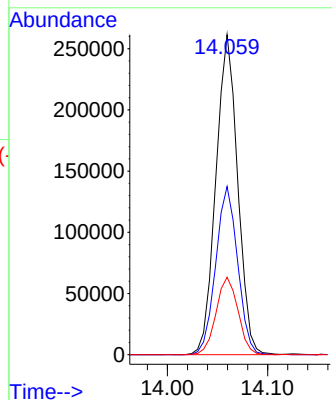
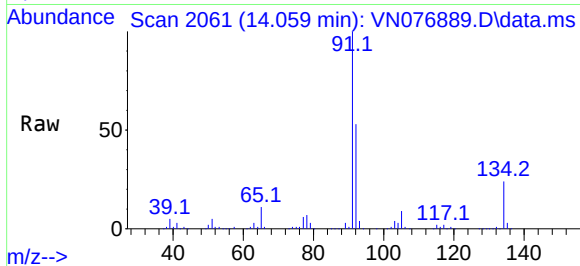
#85
n-Butylbenzene
Concen: 20.492 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823

Tgt Ion: 91 Resp: 394572
Ion Ratio Lower Upper
91 100
92 52.7 0.0 103.2
134 24.4 0.0 50.0

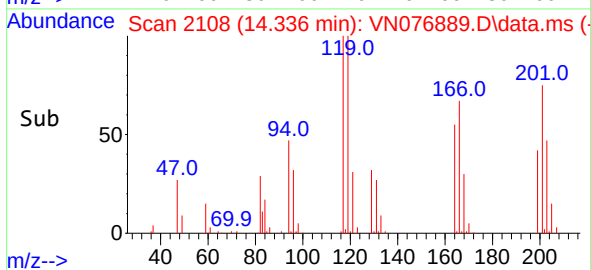
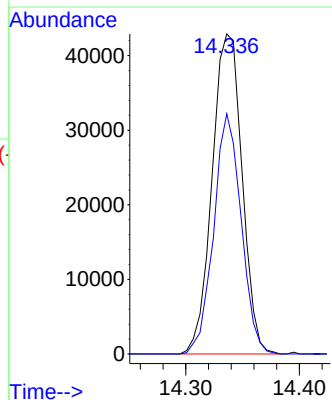
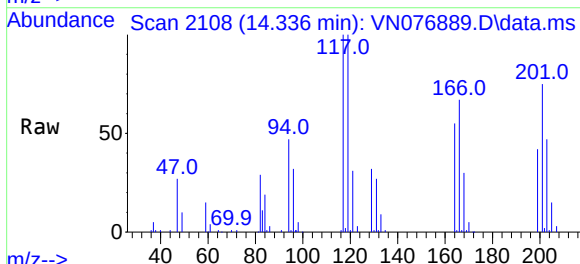
Manual Integrations
APPROVED

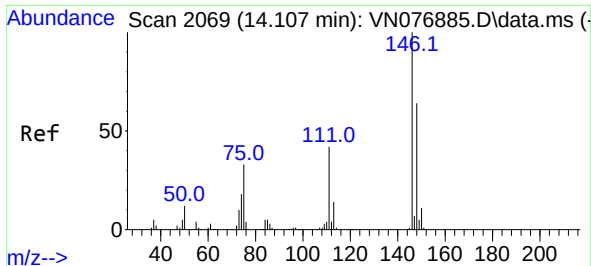
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#86
Hexachloroethane
Concen: 19.414 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Tgt Ion:117 Resp: 78743
Ion Ratio Lower Upper
117 100
201 68.7 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 19.836 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076889.D

Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823

Tgt Ion:146 Resp: 224159

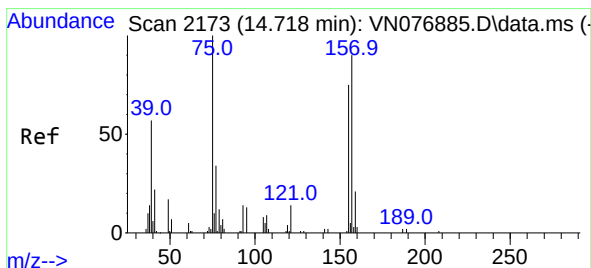
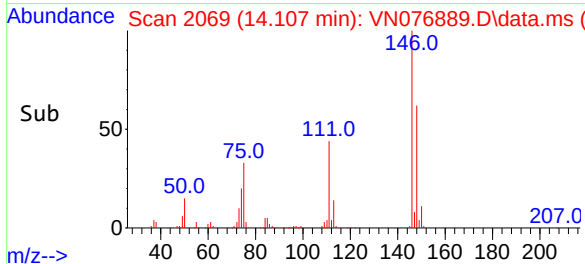
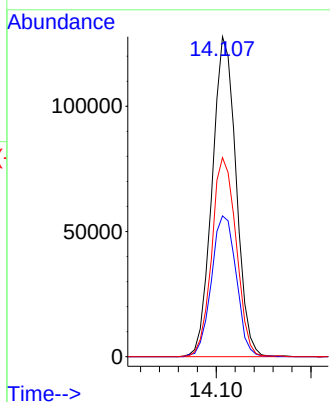
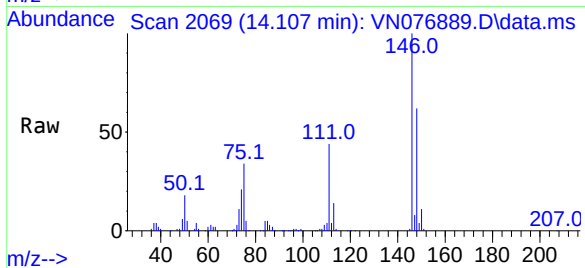
Ion	Ratio	Lower	Upper
146	100		
111	45.7	20.5	61.6
148	63.3	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.079 ug/l

RT: 14.724 min Scan# 2174

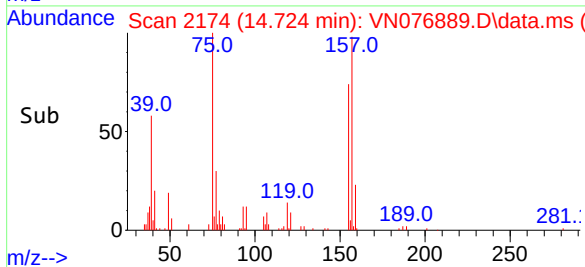
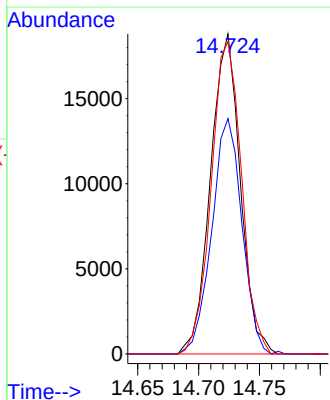
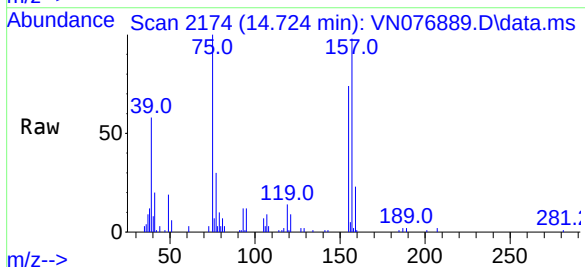
Delta R.T. -0.000 min

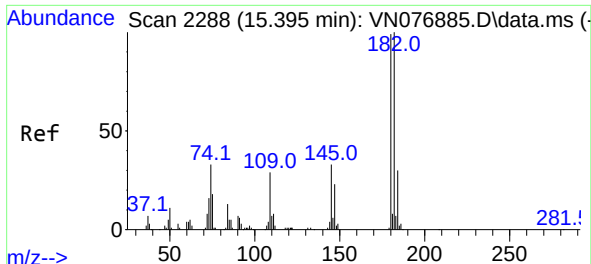
Lab File: VN076889.D

Acq: 08 Mar 2023 20:23

Tgt Ion: 75 Resp: 32003

Ion	Ratio	Lower	Upper
75	100		
155	74.3	62.5	93.7
157	99.2	77.5	116.3





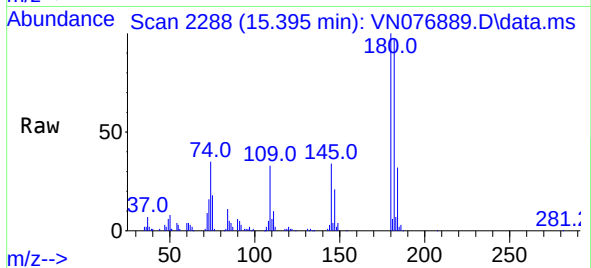
#89
1,2,4-Trichlorobenzene
Concen: 20.514 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN030823



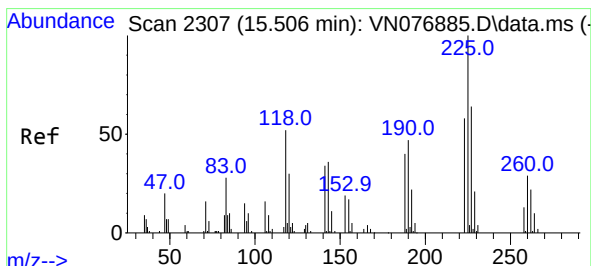
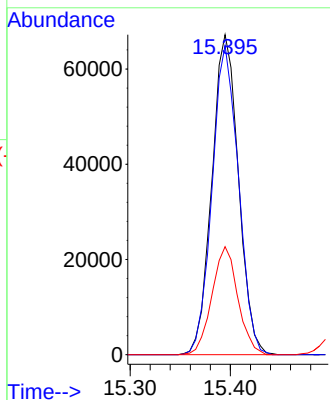
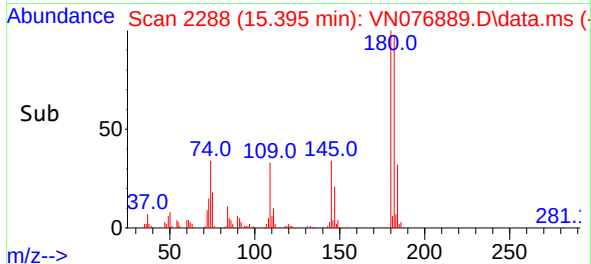
Tgt Ion:180 Resp: 12366
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 32.9 24.6 36.8

Manual Integrations

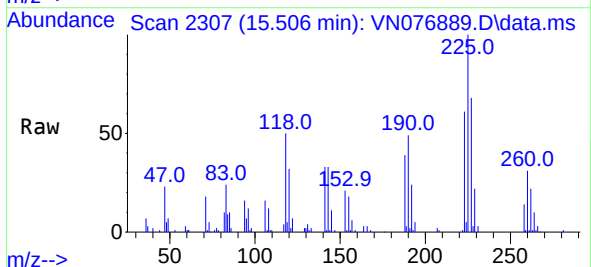
APPROVED

Reviewed By :John Carlone 03/09/2023

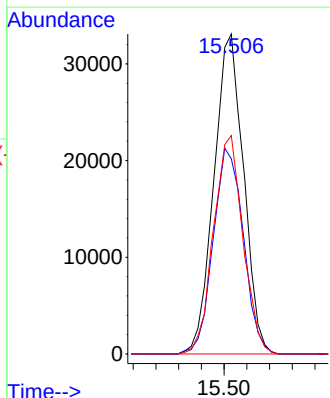
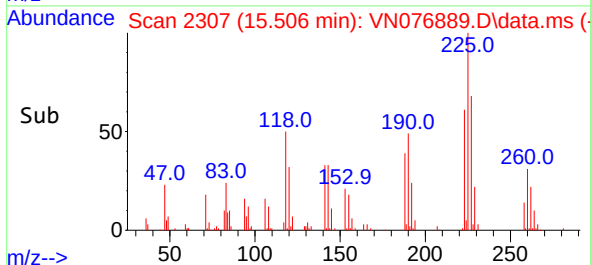
Supervised By :Mahesh Dadoda 03/09/2023

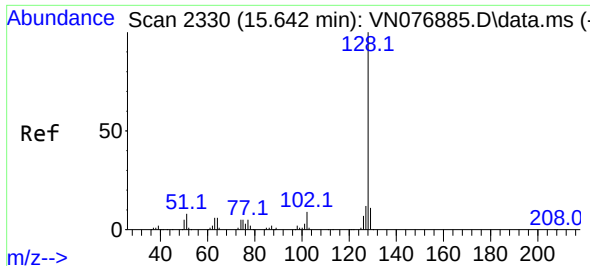


#90
Hexachlorobutadiene
Concen: 18.864 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



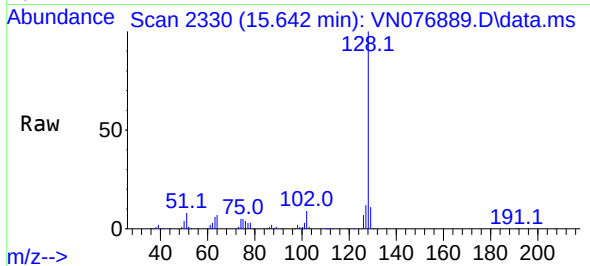
Tgt Ion:225 Resp: 59952
Ion Ratio Lower Upper
225 100
223 65.4 0.0 135.4
227 67.6 0.0 129.4





#91
Naphthalene
Concen: 20.230 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23

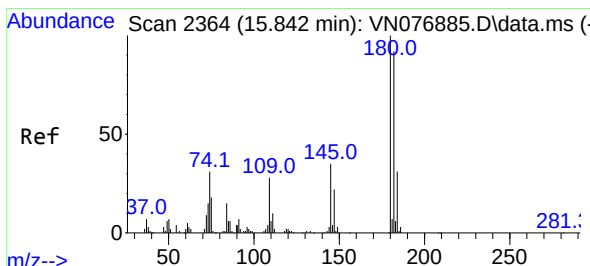
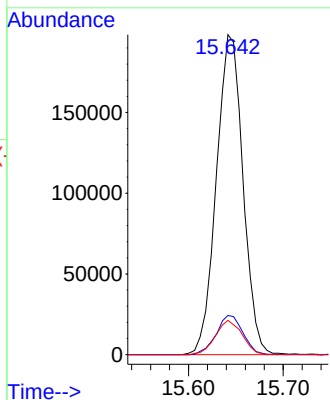
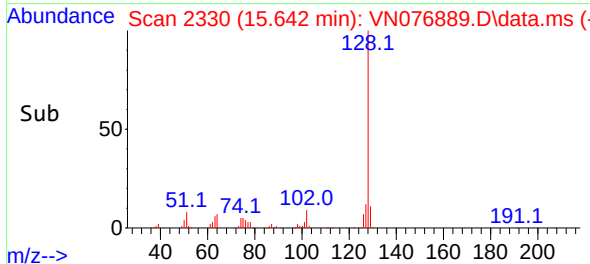
Instrument :
MSVOA_N
ClientSampleId :
ICVVN030823



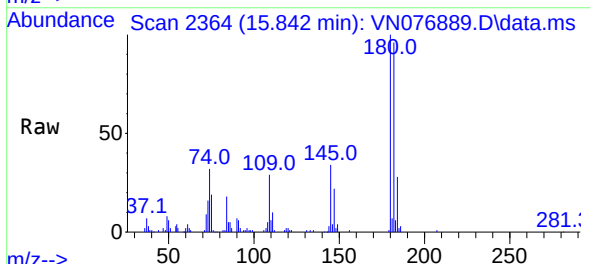
Tgt Ion:128 Resp: 38679
Ion Ratio Lower Upper
128 100
127 12.4 11.0 16.6
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.411 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076889.D
Acq: 08 Mar 2023 20:23



Tgt Ion:180 Resp: 123353
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.8
145 35.0 0.0 65.0

