

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076884.D
 Acq On : 08 Mar 2023 18:23
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 03:47:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 03:46:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	46485	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	322391	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	354659	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	127657	29.789	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.300%		
60) 4-Bromofluorobenzene	12.854	95	198837	31.399	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.667%		
63) Toluene-d8	10.572	98	382610	30.787	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.633%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	66710	12.906	ug/l	98
3) Chloromethane	2.378	50	61668	10.366	ug/l	99
4) Vinyl Chloride	2.531	62	56201	9.090	ug/l	91
5) Bromomethane	2.984	94	36639	8.544	ug/l	82
6) Chloroethane	3.137	64	32906	8.310	ug/l	89
7) Trichlorofluoromethane	3.519	101	101009	12.105	ug/l	97
8) Diethyl Ether	3.972	74	36540	11.148	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.395	101	57232	11.408	ug/l	96
10) 1,1-Dichloroethene	4.360	96	56072	11.856	ug/l	87
11) Methyl Iodide	4.607	142	63477	11.127	ug/l	98
12) Methyl Acetate	5.048	43	94461	10.206	ug/l	98
13) Acrolein	4.201	56	67792	58.578	ug/l	99
14) Acrylonitrile	5.731	53	153043	53.343	ug/l	97
15) Acetone	4.443	58	44206	49.245	ug/l	91
16) Carbon Disulfide	4.725	76	152093	11.503	ug/l	99
17) Allyl chloride	5.037	41	83658	10.252	ug/l	96
18) Methylene Chloride	5.295	84	66356	11.303	ug/l #	84
19) trans-1,2-Dichloroethene	5.807	96	60341	11.549	ug/l	92
20) Diisopropyl ether	6.684	45	182918	9.552	ug/l	97
21) 1,1-Dichloroethane	6.578	63	115488	11.296	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	68329	11.487	ug/l	97
23) tert-Butyl Alcohol	5.531	59	46047m	55.861	ug/l	
24) Methyl tert-Butyl Ether	5.813	73	177209	10.965	ug/l	93
25) Chloroform	7.972	83	117888	11.756	ug/l	99
26) Cyclohexane	8.266	56	102258	11.109	ug/l #	97
29) 1,1-Dichloropropene	8.383	75	85396	11.598	ug/l	99
30) 2-Butanone	7.495	43	204001	49.838	ug/l	97
31) 2,2-Dichloropropane	7.495	77	83578	10.899	ug/l #	94
32) 1,1,1-Trichloroethane	8.178	97	101251	11.791	ug/l	96
33) Carbon Tetrachloride	8.372	117	87710	11.752	ug/l	97
34) Benzene	8.613	78	268449	11.462	ug/l	99
35) Methacrylonitrile	7.789	41	42523	9.360	ug/l	87
36) 1,2-Dichloroethane	8.678	62	91099	11.615	ug/l	98
37) Trichloroethene	9.354	130	63990	11.629	ug/l	99
38) Methylcyclohexane	9.607	83	103464	11.081	ug/l	98
39) 1,2-Dichloropropane	9.625	63	67335	11.098	ug/l	98
40) Dibromomethane	9.713	93	42995	11.122	ug/l	92
41) Bromodichloromethane	9.889	83	85721	11.018	ug/l #	96
42) Vinyl Acetate	6.619	43	590386	48.788	ug/l	98

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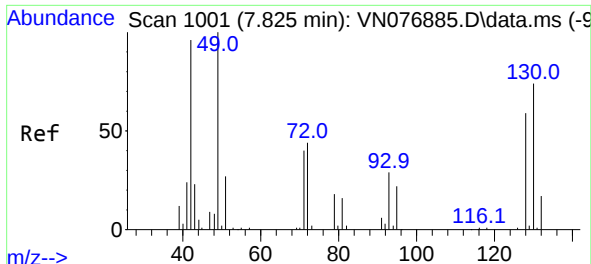
Manual Integrations
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Quant Time: Mar 09 03:47:26 2023
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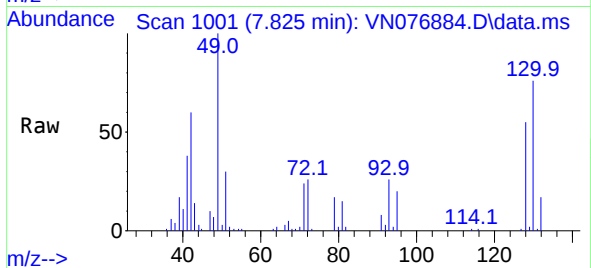
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	81493	10.328	ug/l	99
44) Isopropyl Acetate	8.695	43	125690	9.623	ug/l	92
45) 1,4-Dioxane	9.701	88	22813	207.911	ug/l	96
46) Methyl methacrylate	9.683	41	60090	9.979	ug/l	89
47) n-amyl Acetate	12.495	43	97931m	8.668	ug/l	
48) t-1,3-Dichloropropene	10.842	75	82992	10.569	ug/l	96
49) cis-1,3-Dichloropropene	10.319	75	95700	10.623	ug/l #	84
50) 1,1,2-Trichloroethane	11.019	97	62311	11.081	ug/l	95
51) Ethyl methacrylate	10.877	69	88596	10.838	ug/l	81
52) 1,3-Dichloropropane	11.166	76	108243	11.193	ug/l	100
53) Dibromochloromethane	11.360	129	62833	10.967	ug/l	97
54) 1,2-Dibromoethane	11.471	107	59861	11.001	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	128069	36.703	ug/l	98
56) Bromoform	12.583	173	41501	10.607	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	408440m	49.973	ug/l	
59) 2-Hexanone	11.195	43	289720	48.106	ug/l #	92
61) Tetrachloroethene	11.107	164	62053	13.205	ug/l	89
62) Toluene	10.636	91	272541	11.033	ug/l	99
64) Chlorobenzene	11.895	112	160868	11.045	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	61276	11.399	ug/l	97
66) Ethyl Benzene	11.966	91	291108	11.050	ug/l	96
67) m/p-Xylenes	12.071	106	223019	21.900	ug/l	93
68) o-Xylene	12.401	106	108927	10.870	ug/l	97
69) Styrene	12.413	104	171045	10.620	ug/l	97
70) Isopropylbenzene	12.701	105	279024	10.879	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	88643	10.761	ug/l	97
72) 1,2,3-Trichloropropane	12.995	75	81996m	11.077	ug/l	
73) Bromobenzene	12.983	156	63849	10.844	ug/l	92
74) n-propylbenzene	13.036	91	329844	10.769	ug/l	100
75) 2-Chlorotoluene	13.130	91	207386	11.301	ug/l	96
76) 1,3,5-Trimethylbenzene	13.177	105	245656	11.394	ug/l	94
77) t-1,4-Dichloro-2-butene	12.742	75	21950	9.405	ug/l	88
78) 4-Chlorotoluene	13.224	91	199708	11.362	ug/l	95
79) tert-butylbenzene	13.442	119	202004	10.745	ug/l	94
80) 1,2,4-Trimethylbenzene	13.483	105	234812	11.033	ug/l	97
81) sec-Butylbenzene	13.618	105	283550	10.471	ug/l	100
82) p-Isopropyltoluene	13.730	119	231341	10.551	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	116020	10.373	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	111395	10.159	ug/l	96
85) n-Butylbenzene	14.060	91	186667	10.003	ug/l	98
86) Hexachloroethane	14.336	117	41521	9.922	ug/l	93
87) 1,2-Dichlorobenzene	14.107	146	115866	10.356	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	15957	10.237	ug/l	94
89) 1,2,4-Trichlorobenzene	15.395	180	59433	10.284	ug/l	96
90) Hexachlorobutadiene	15.501	225	31520	11.169	ug/l	97
91) Naphthalene	15.642	128	181848	9.814	ug/l	99
92) 1,2,3-Trichlorobenzene	15.848	180	57796	9.835	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

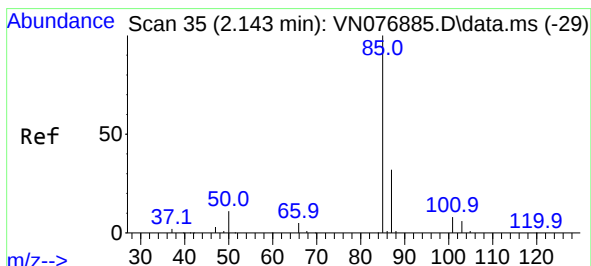
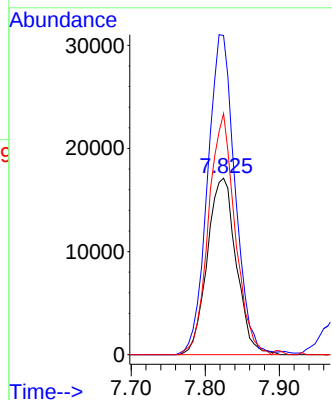
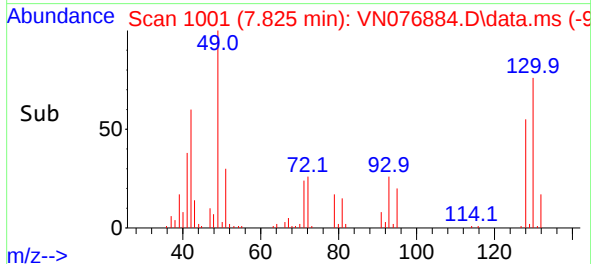
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



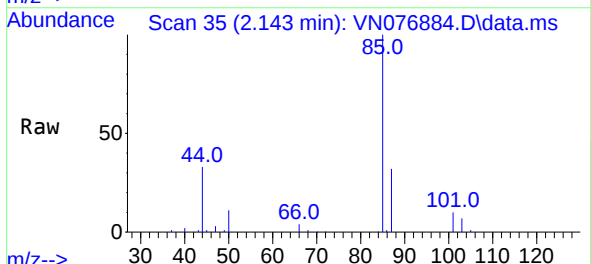
Tgt Ion:128 Resp: 4648
Ion Ratio Lower Upper
128 100
49 172.0 0.0 461.8
130 125.0 0.0 295.3

Manual Integrations
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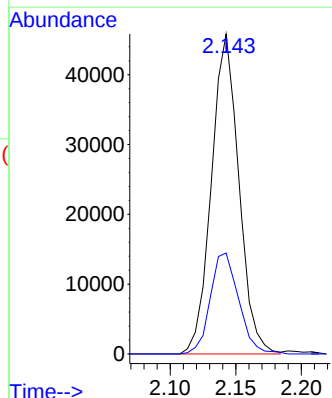
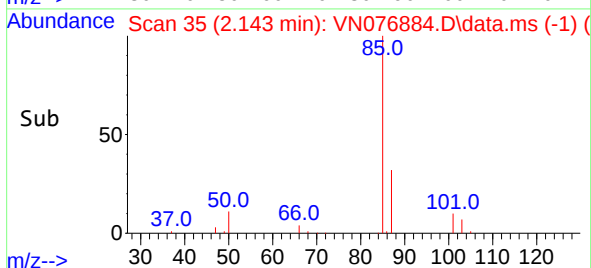
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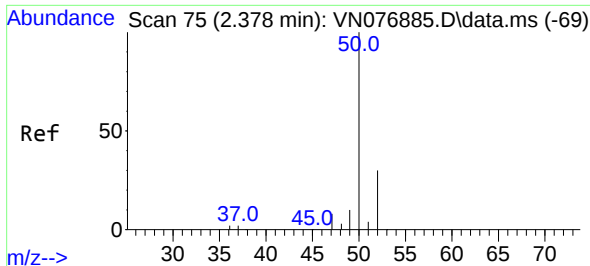


#2
Dichlorodifluoromethane
Concen: 12.906 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



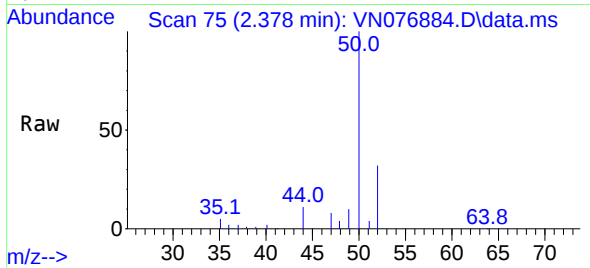
Tgt Ion: 85 Resp: 66710
Ion Ratio Lower Upper
85 100
87 31.6 15.4 46.1





#3
Chloromethane
Concen: 10.366 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

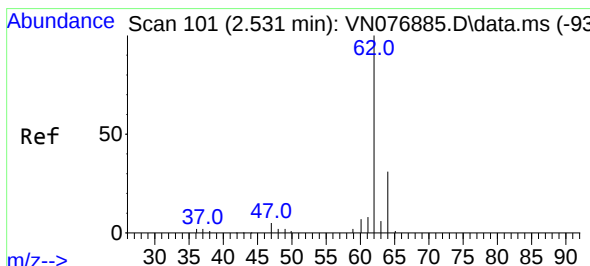
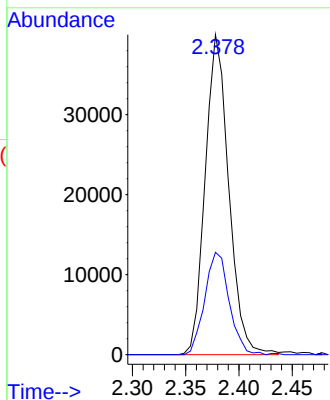
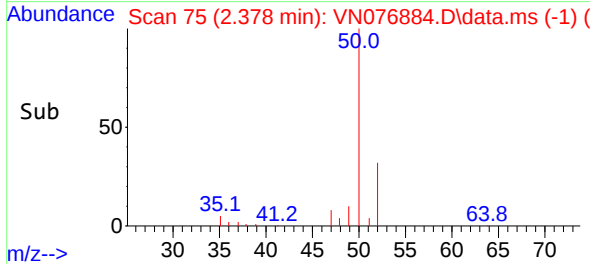
Instrument :
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ClientSampleId :
VSTDIC010



Tgt Ion: 50 Resp: 6166
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9

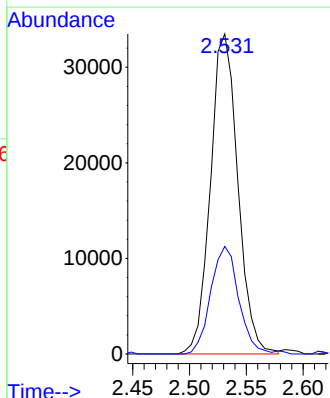
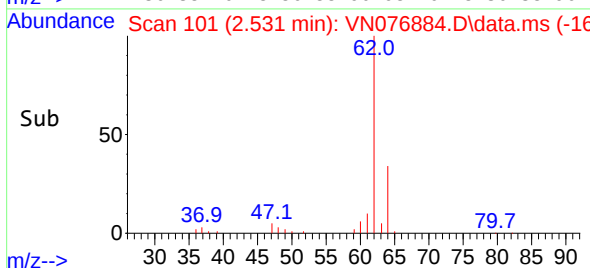
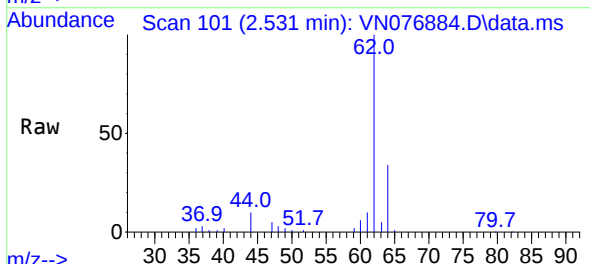
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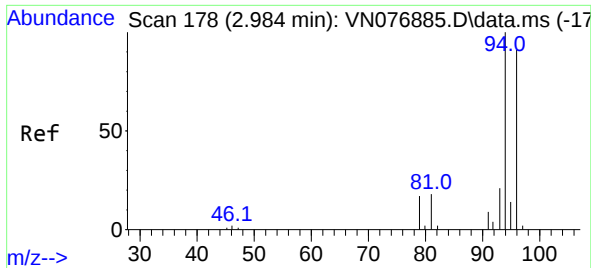
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#4
Vinyl Chloride
Concen: 9.090 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

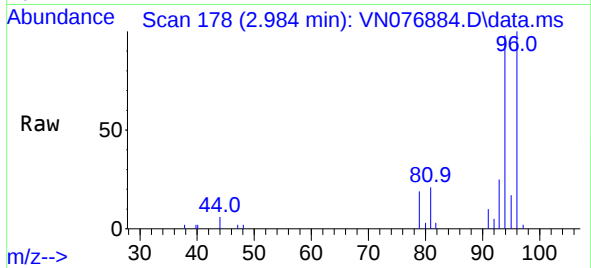
Tgt Ion: 62 Resp: 56201
Ion Ratio Lower Upper
62 100
64 33.6 23.1 34.7





#5
Bromomethane
Concen: 8.544 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.012 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

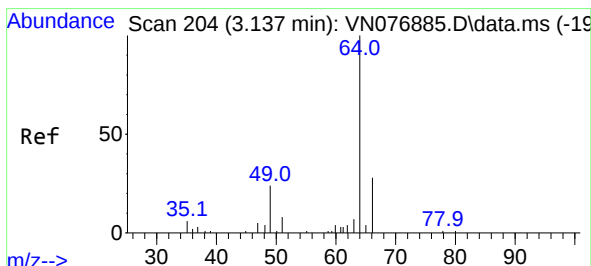
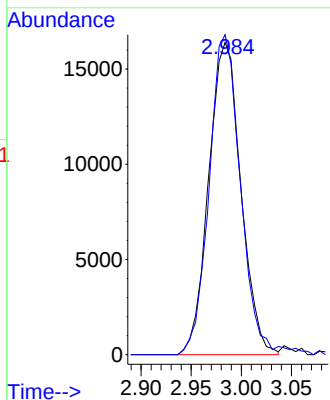
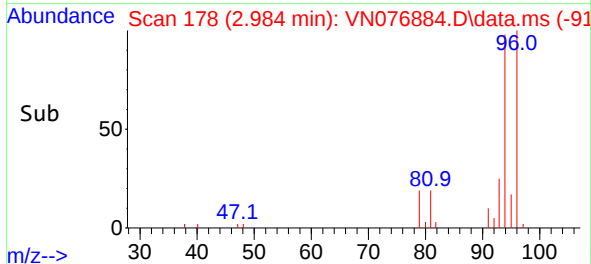
Instrument :
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Client Sample Id :
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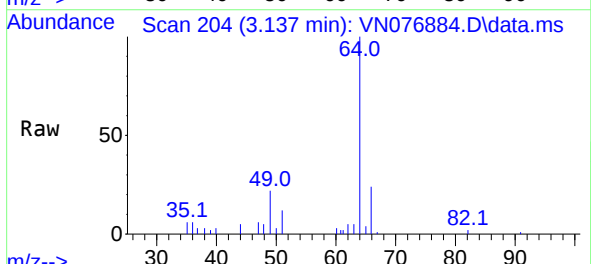
Tgt Ion: 94 Resp: 36639
Ion Ratio Lower Upper
94 100
96 102.5 68.6 103.0

Manual Integrations
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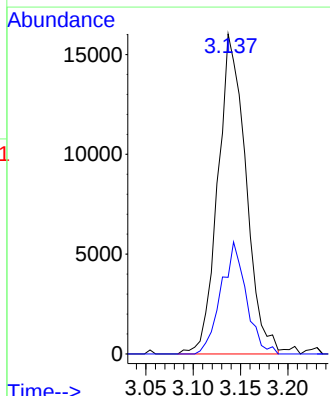
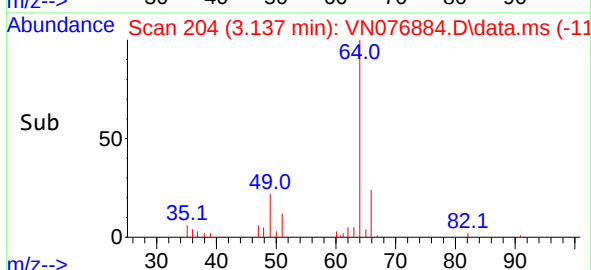
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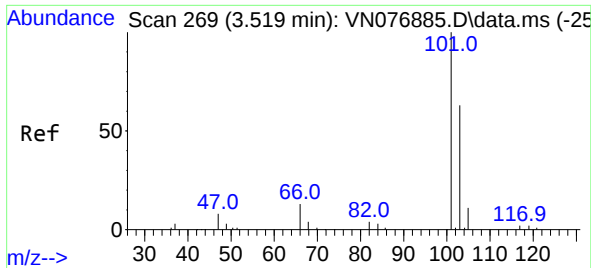


#6
Chloroethane
Concen: 8.310 ug/l
RT: 3.137 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 64 Resp: 32906
Ion Ratio Lower Upper
64 100
66 23.9 23.8 35.6





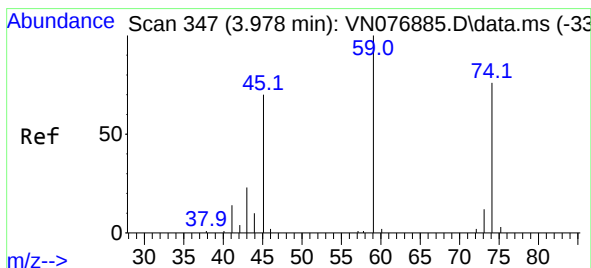
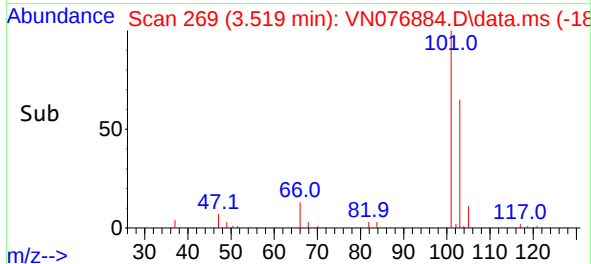
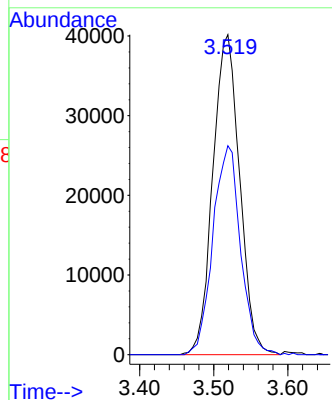
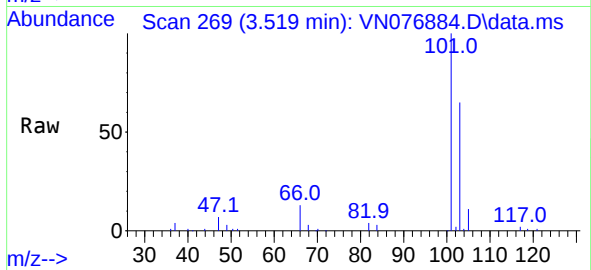
#7
 Trichlorofluoromethane
 Concen: 12.105 ug/l
 RT: 3.519 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VN076884.D
 Acq: 08 Mar 2023 18:23

Instrument :
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Tgt Ion:101 Resp: 101009
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.2 75.2

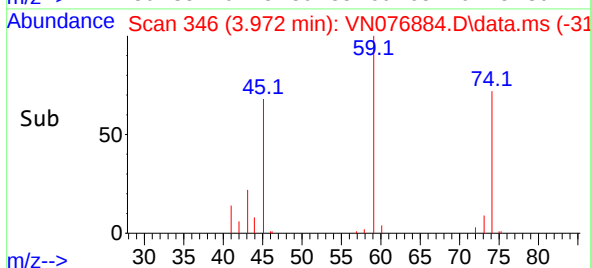
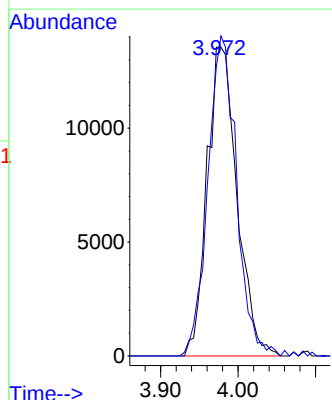
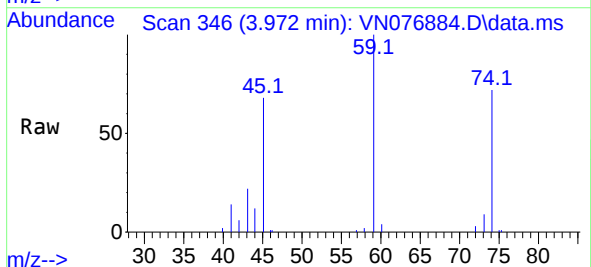
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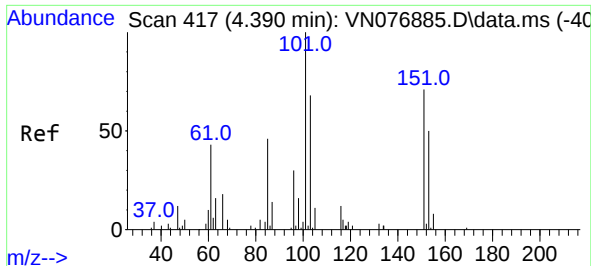
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#8
 Diethyl Ether
 Concen: 11.148 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN076884.D
 Acq: 08 Mar 2023 18:23

Tgt Ion: 74 Resp: 36540
 Ion Ratio Lower Upper
 74 100
 45 97.5 21.4 193.0





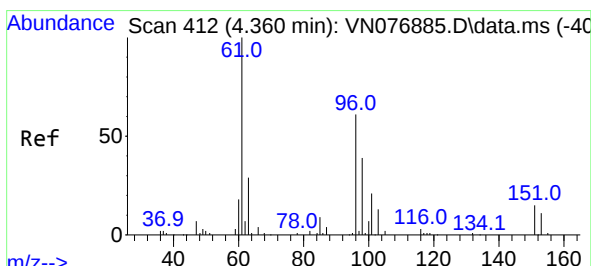
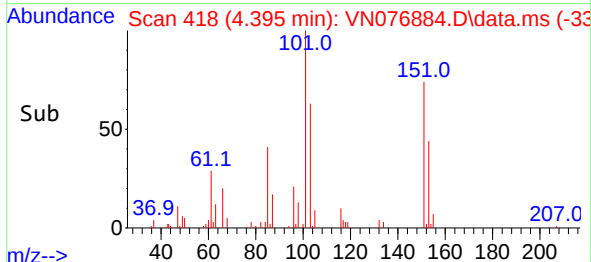
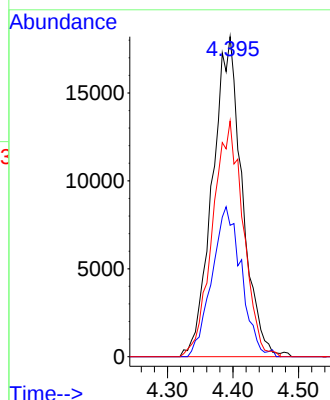
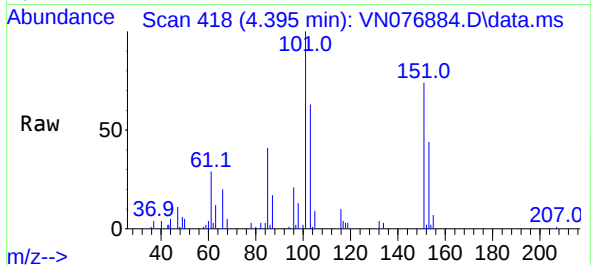
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.408 ug/l
RT: 4.395 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 5723
Ion Ratio Lower Upper
101 100
85 46.1 0.0 95.2
151 75.5 0.0 142.2

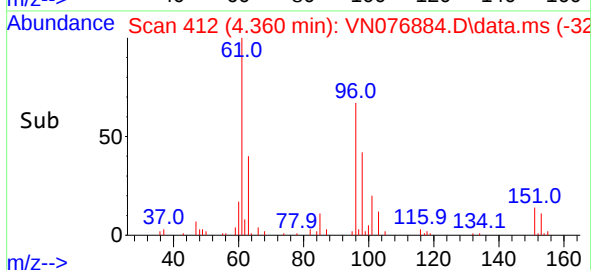
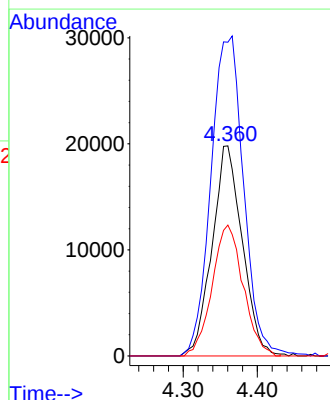
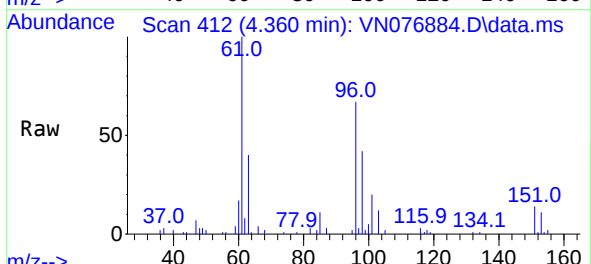
Manual Integrations
APPROVED

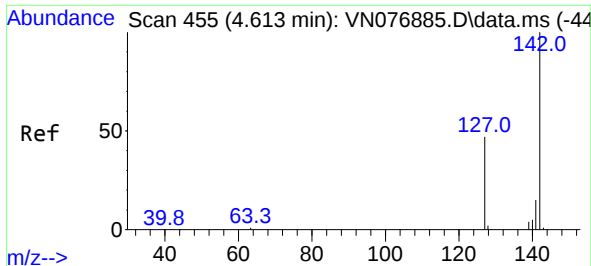
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
1,1-Dichloroethene
Concen: 11.856 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 96 Resp: 56072
Ion Ratio Lower Upper
96 100
61 149.3 137.1 205.7
98 62.3 53.2 79.8





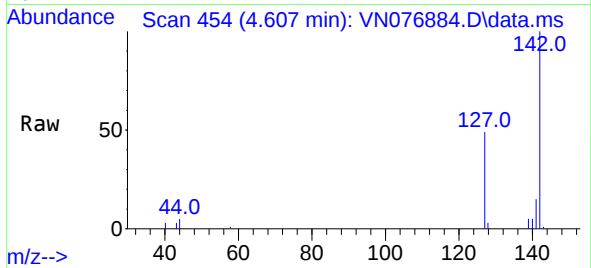
#11
Methyl Iodide
Concen: 11.127 ug/l
RT: 4.607 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



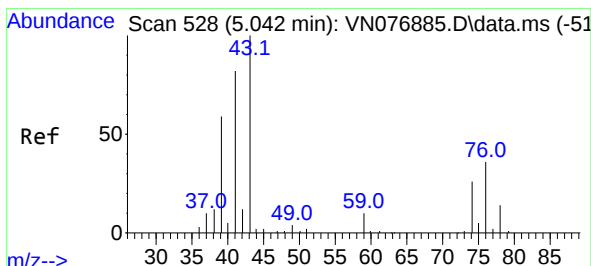
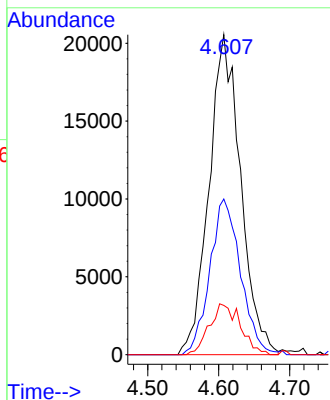
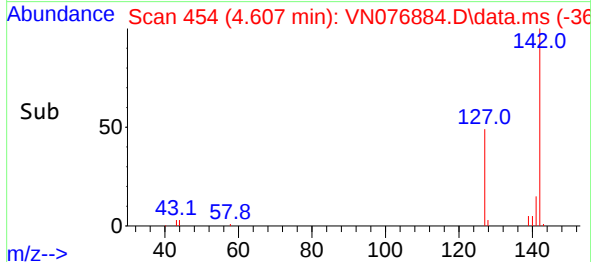
Tgt Ion:142 Resp: 6347
Ion Ratio Lower Upper
142 100
127 48.5 25.0 75.0
141 15.5 8.0 24.0

Manual Integrations

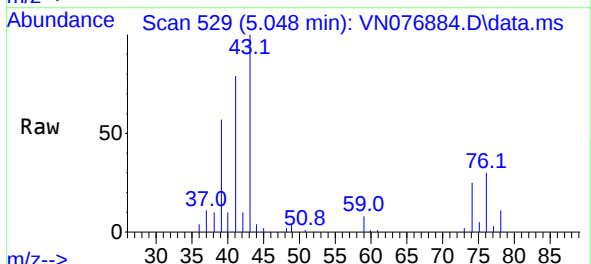
APPROVED

Reviewed By :John Carlone 03/09/2023

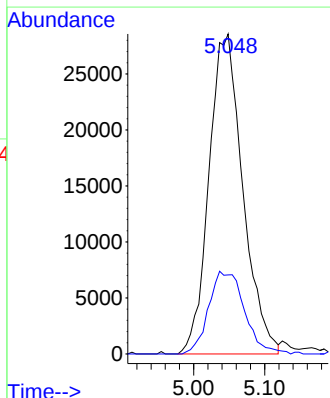
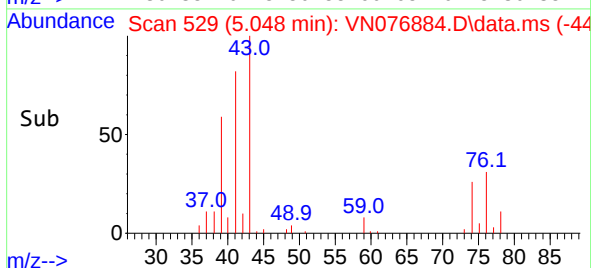
Supervised By :Mahesh Dadoda 03/09/2023

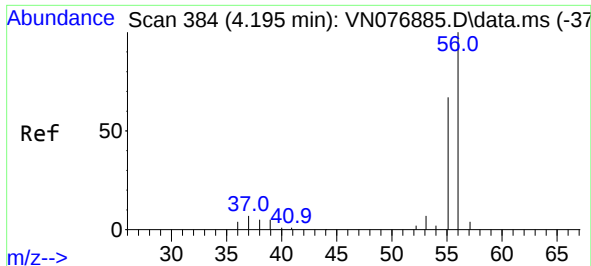


#12
Methyl Acetate
Concen: 10.206 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 43 Resp: 94461
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.4





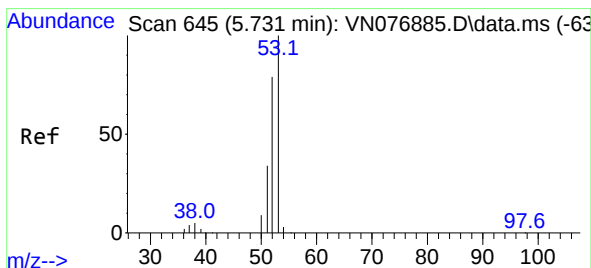
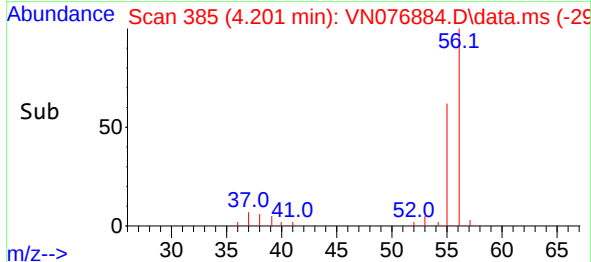
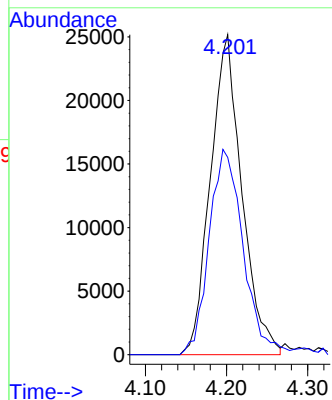
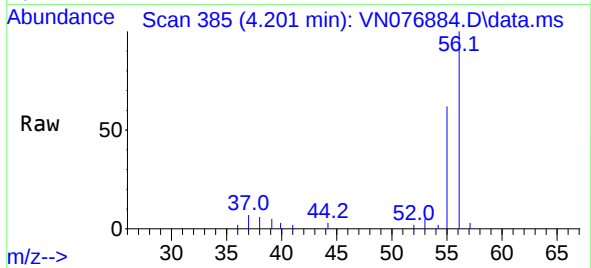
#13
Acrolein
Concen: 58.578 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.012 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 67792
Ion Ratio Lower Upper
56 100
55 69.3 55.0 82.4

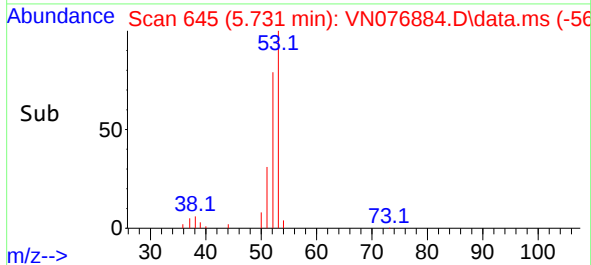
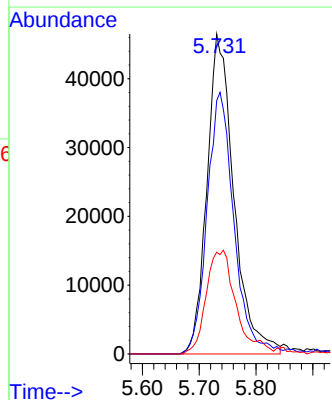
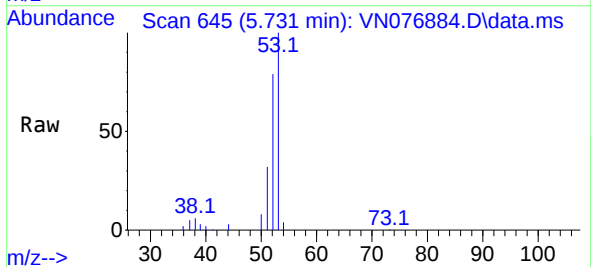
Manual Integrations
APPROVED

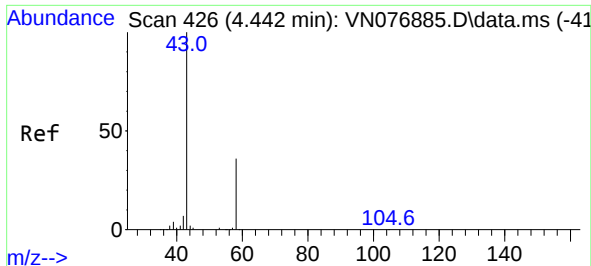
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#14
Acrylonitrile
Concen: 53.343 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 53 Resp: 153043
Ion Ratio Lower Upper
53 100
52 80.0 41.5 124.6
51 34.0 17.6 52.8





#15

Acetone

Concen: 49.245 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 44200

Ion Ratio Lower Upper

58 100

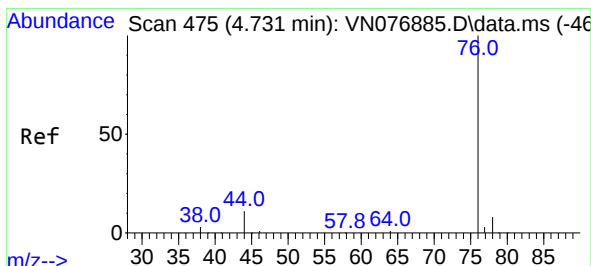
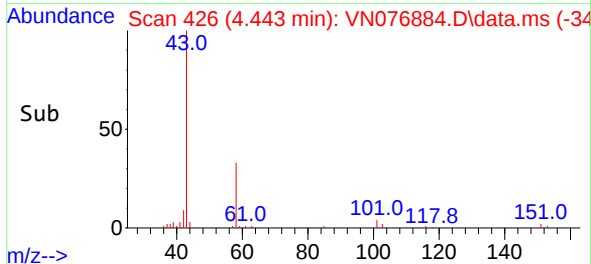
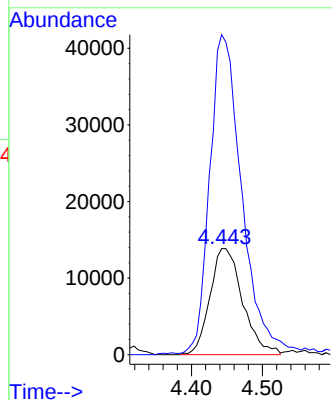
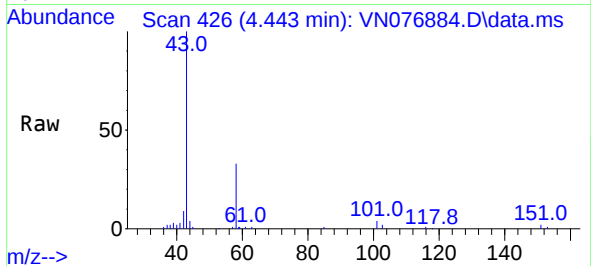
43 300.6 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#16

Carbon Disulfide

Concen: 11.503 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.006 min

Lab File: VN076884.D

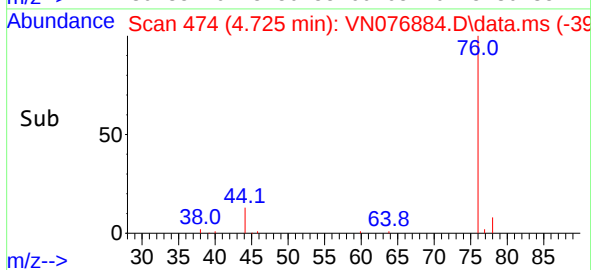
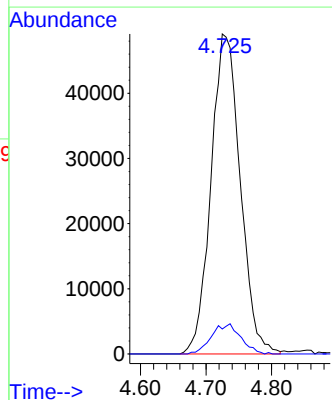
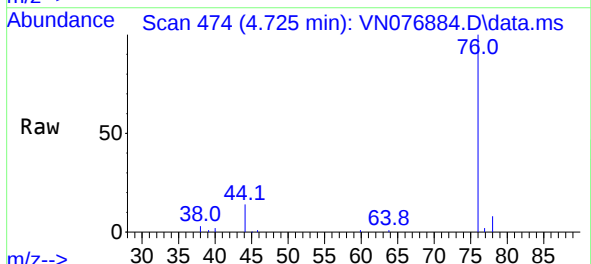
Acq: 08 Mar 2023 18:23

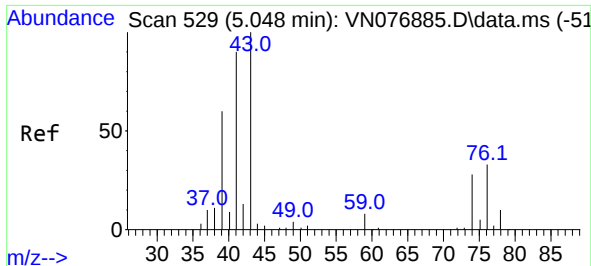
Tgt Ion: 76 Resp: 152093

Ion Ratio Lower Upper

76 100

78 7.8 6.6 9.8





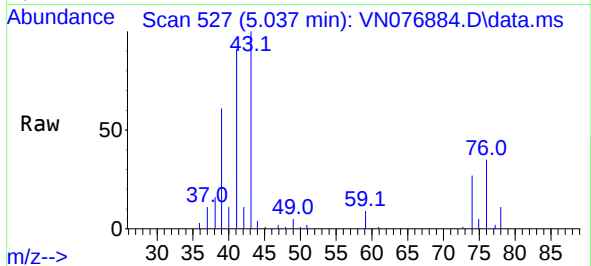
#17
 Allyl chloride
 Concen: 10.252 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN076884.D
 Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

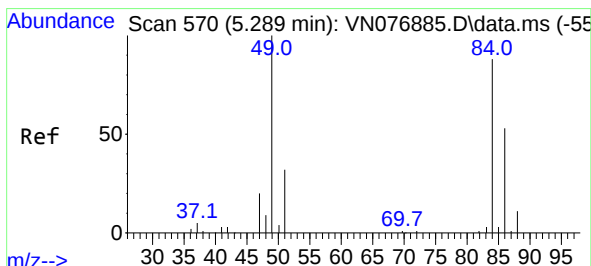
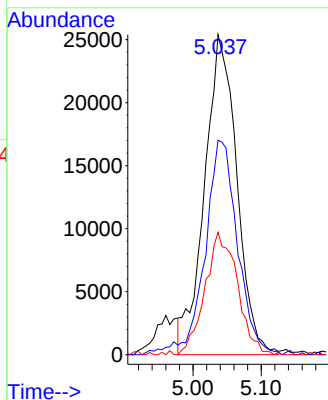
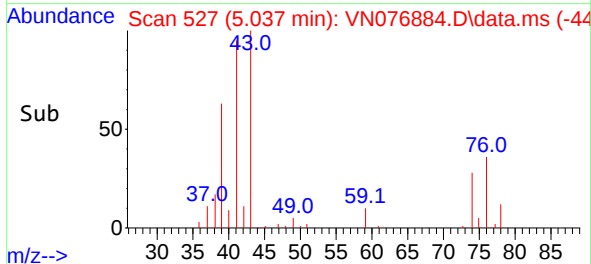


Tgt Ion: 41 Resp: 83658
 Ion Ratio Lower Upper
 41 100
 39 66.9 34.8 104.3
 76 38.6 17.5 52.5

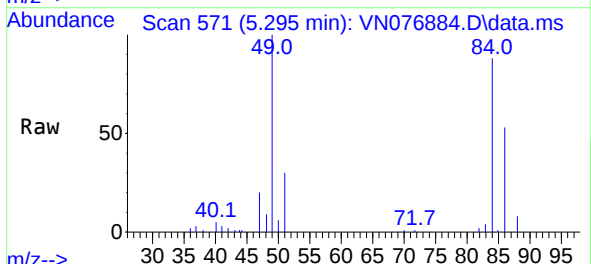
Manual Integrations

APPROVED

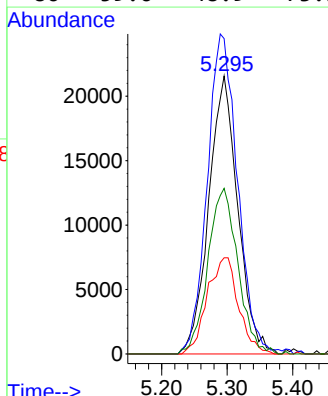
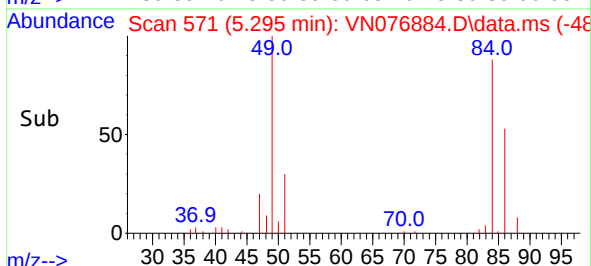
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

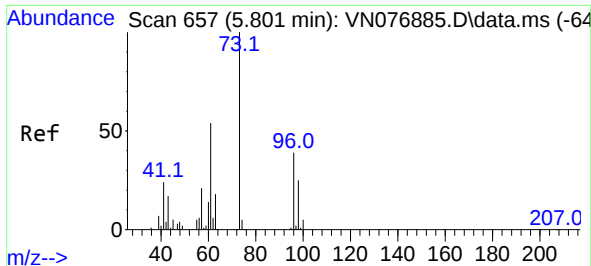


#18
 Methylene Chloride
 Concen: 11.303 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. -0.000 min
 Lab File: VN076884.D
 Acq: 08 Mar 2023 18:23



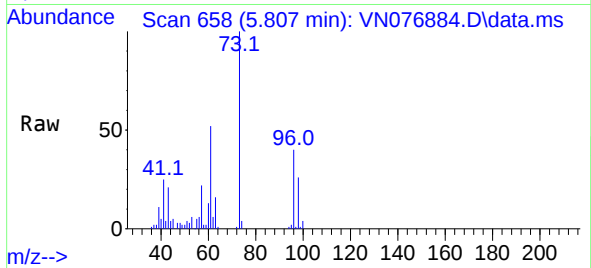
Tgt Ion: 84 Resp: 66356
 Ion Ratio Lower Upper
 84 100
 49 113.5 113.8 170.6#
 51 34.6 34.2 51.4
 86 59.6 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 11.549 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

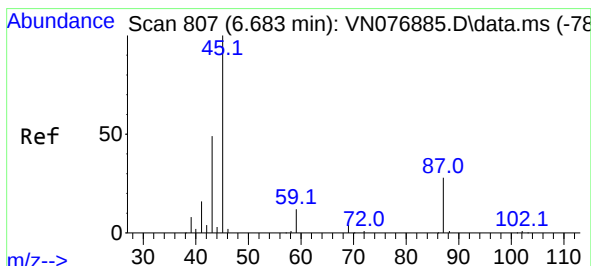
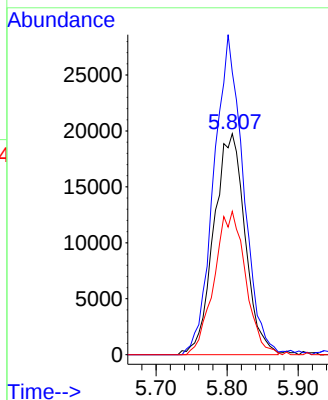
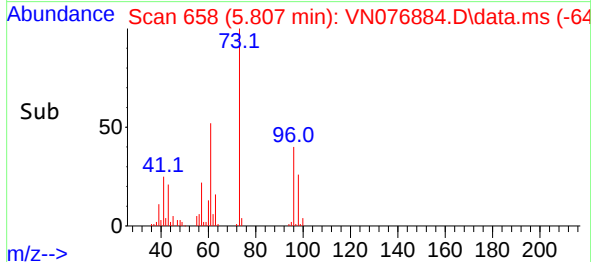
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



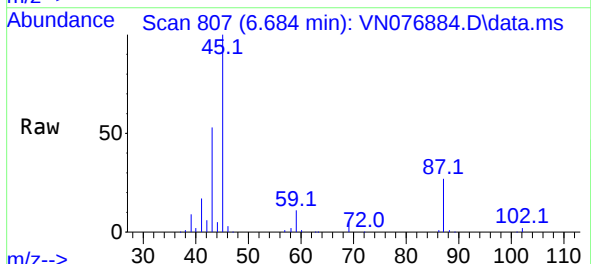
Tgt Ion: 96 Resp: 6034
Ion Ratio Lower Upper
96 100
61 127.9 111.0 166.4
98 64.9 55.0 82.6

Manual Integrations
APPROVED

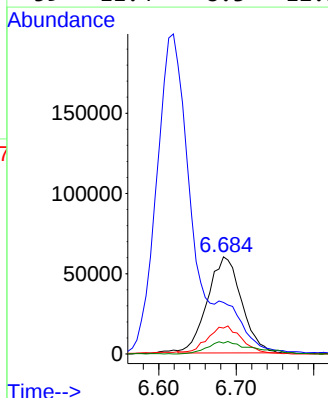
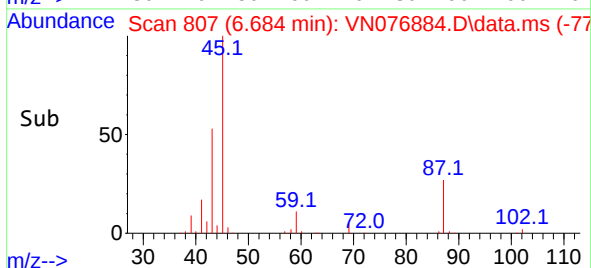
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

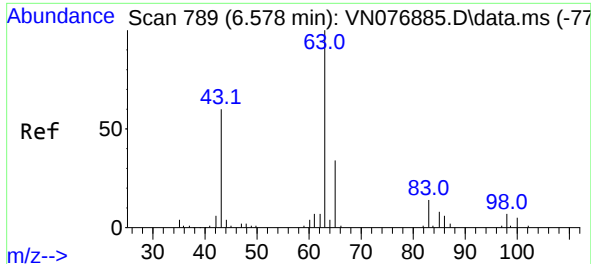


#20
Diisopropyl ether
Concen: 9.552 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 45 Resp: 182918
Ion Ratio Lower Upper
45 100
43 50.4 38.6 58.0
87 26.3 20.1 30.1
59 11.4 8.3 12.5





#21
1,1-Dichloroethane
Concen: 11.296 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

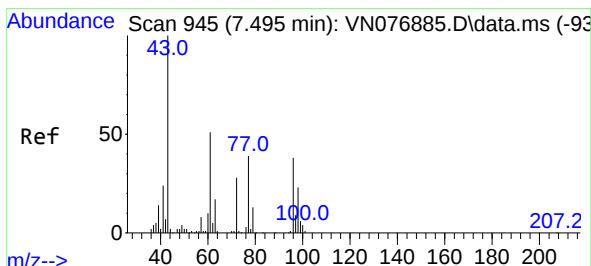
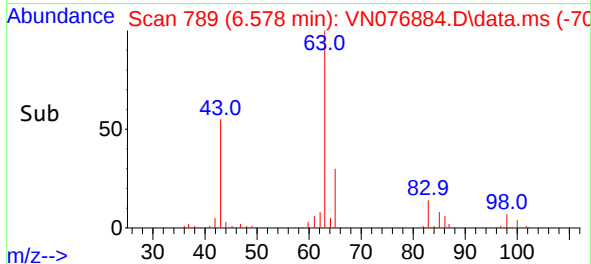
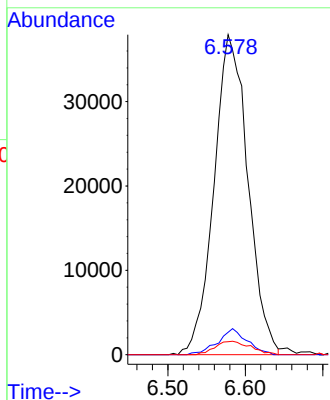
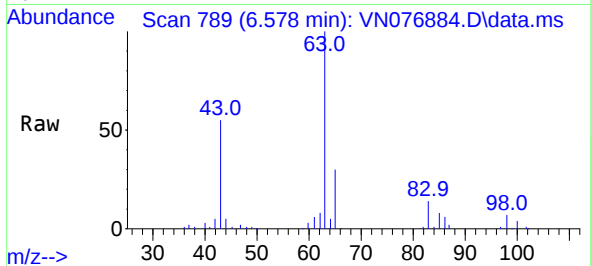
ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 115488
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.9
100 4.1 2.6 7.8

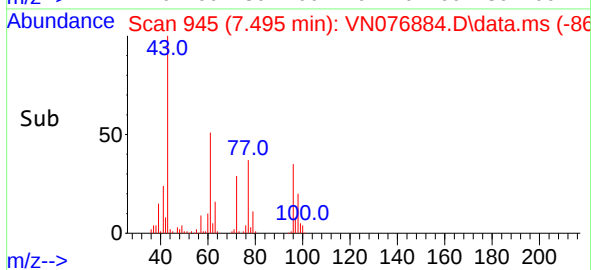
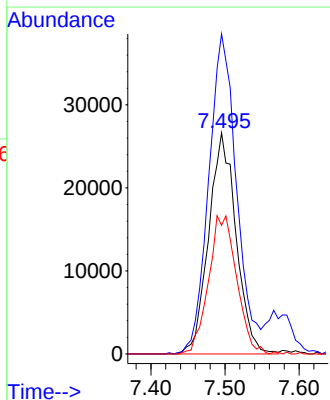
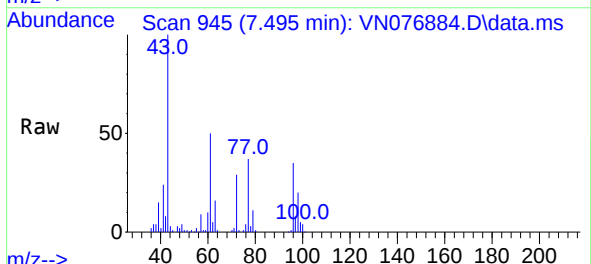
Manual Integrations
APPROVED

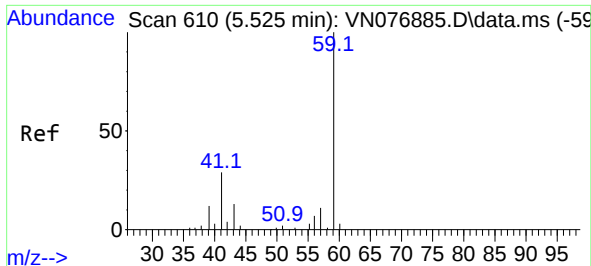
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#22
cis-1,2-Dichloroethene
Concen: 11.487 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

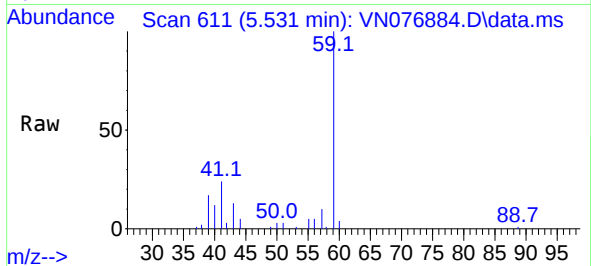
Tgt Ion: 96 Resp: 68329
Ion Ratio Lower Upper
96 100
61 147.0 121.0 181.4
98 63.7 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 55.861 ug/l m
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

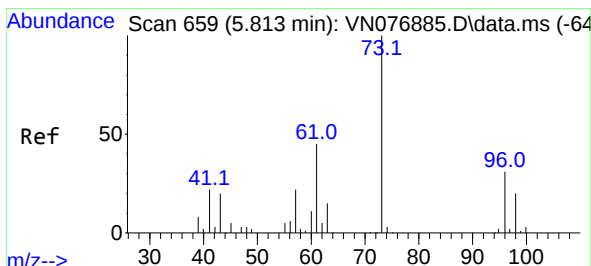
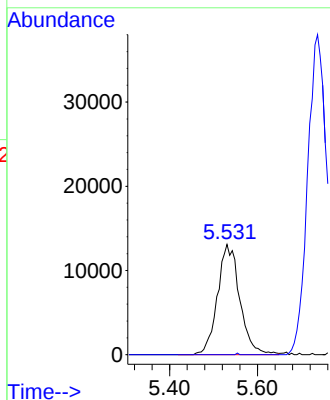
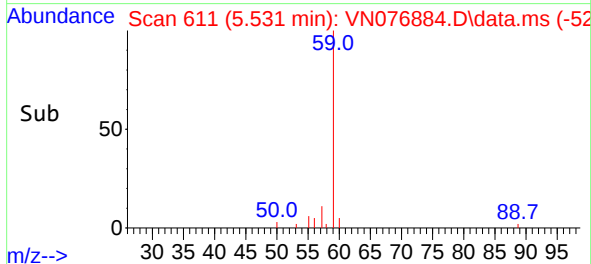
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 4604
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

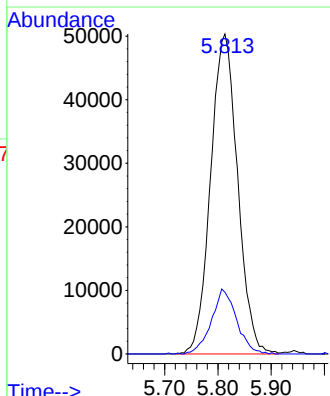
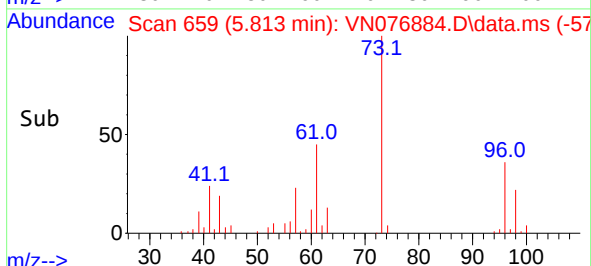
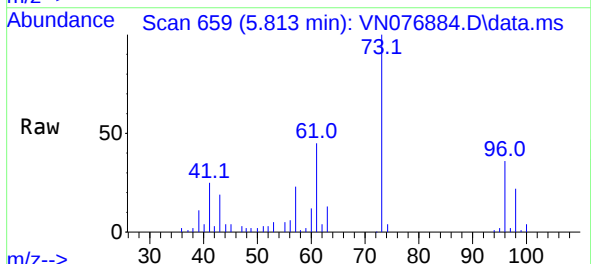
Manual Integrations
APPROVED

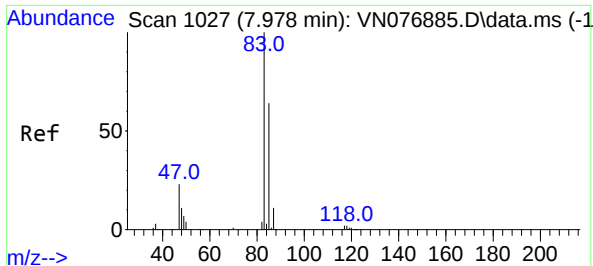
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#24
Methyl tert-Butyl Ether
Concen: 10.965 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 73 Resp: 177209
Ion Ratio Lower Upper
73 100
43 18.9 17.8 26.6





#25

Chloroform

Concen: 11.756 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 11788

Ion Ratio Lower Upper

83 100

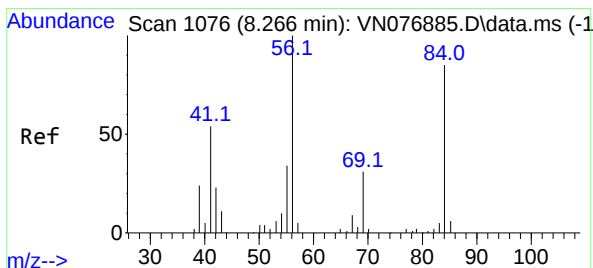
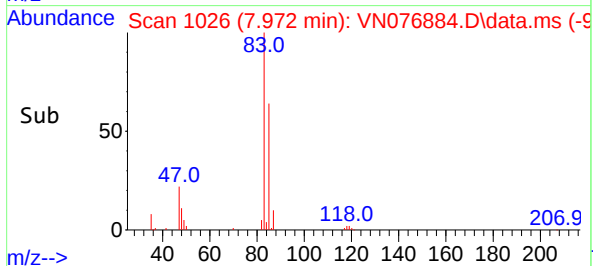
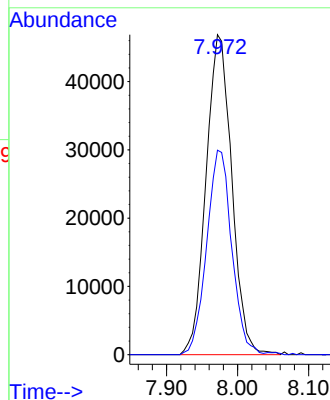
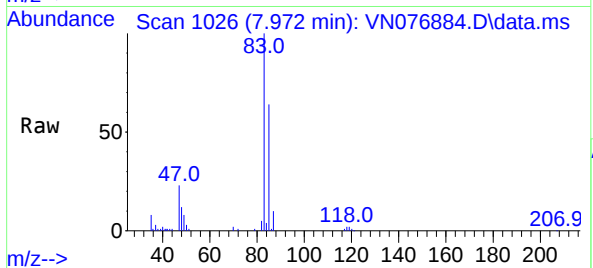
85 63.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#26

Cyclohexane

Concen: 11.109 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

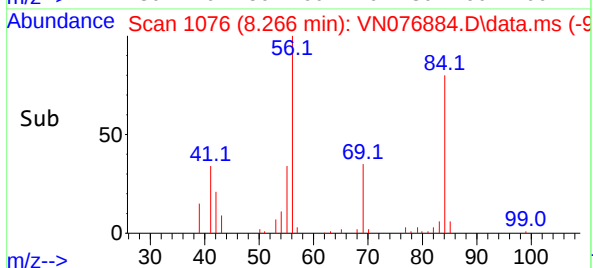
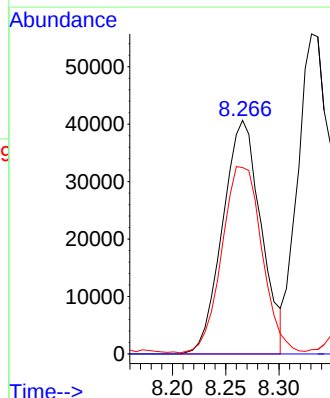
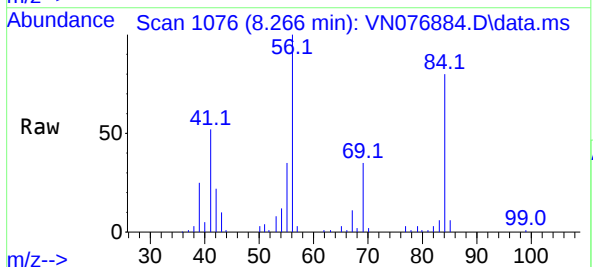
Tgt Ion: 56 Resp: 102258

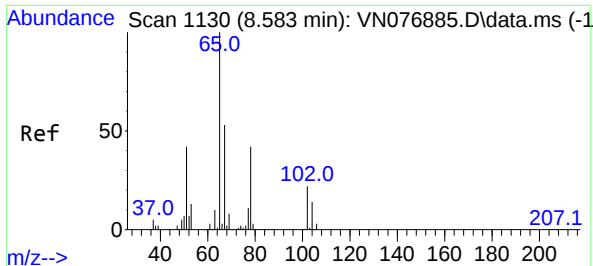
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.2 65.3 97.9





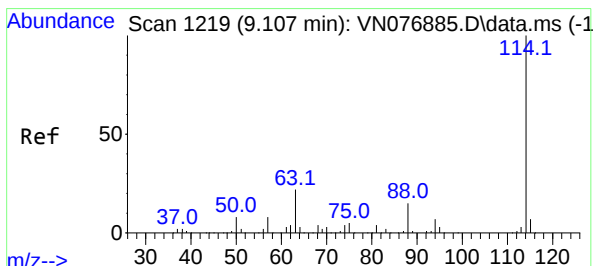
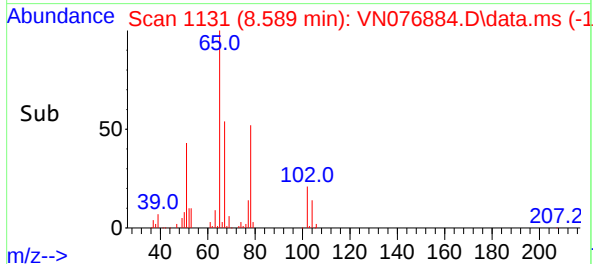
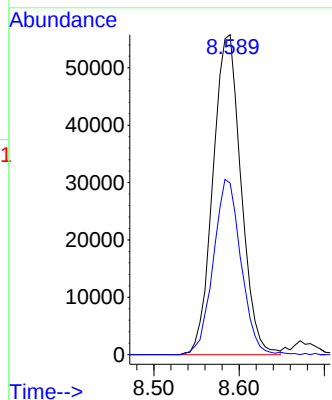
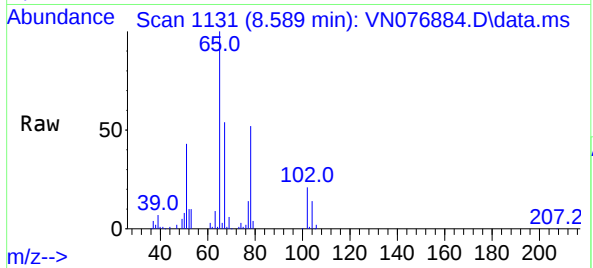
#27
1,2-Dichloroethane-d4
Concen: 29.789 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 12765
Ion Ratio Lower Upper
65 100
67 53.8 40.9 61.3

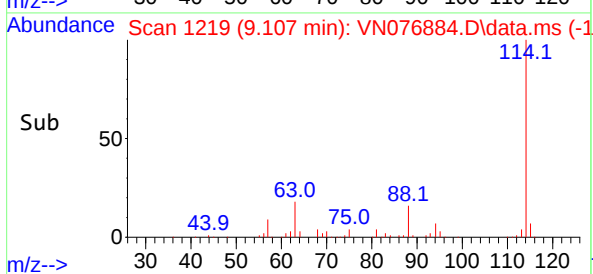
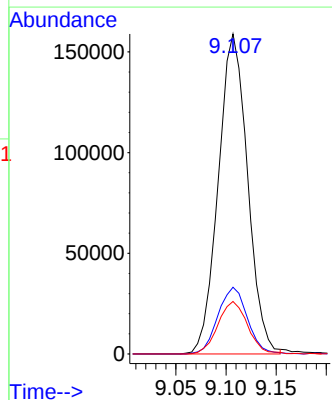
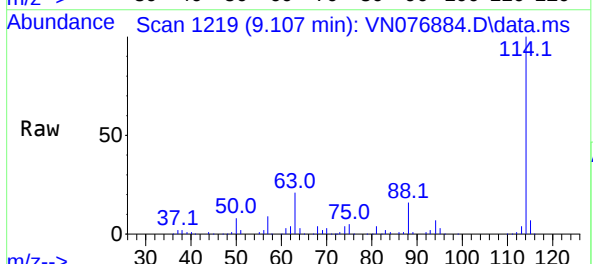
Manual Integrations
APPROVED

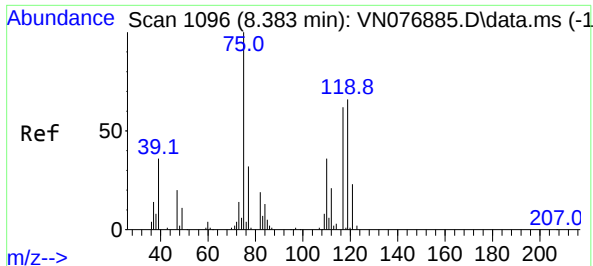
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

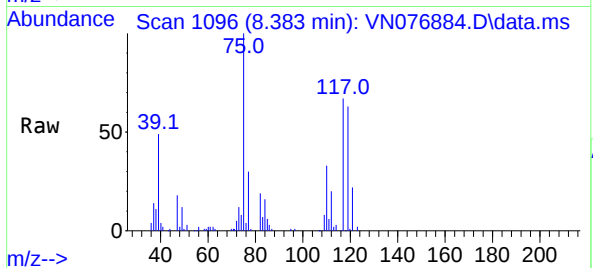
Tgt Ion:114 Resp: 322391
Ion Ratio Lower Upper
114 100
63 21.0 17.0 25.4
88 16.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 11.598 ug/l
RT: 8.383 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

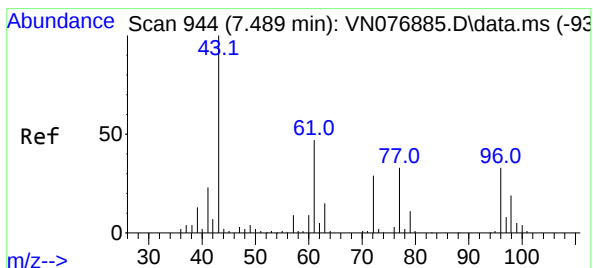
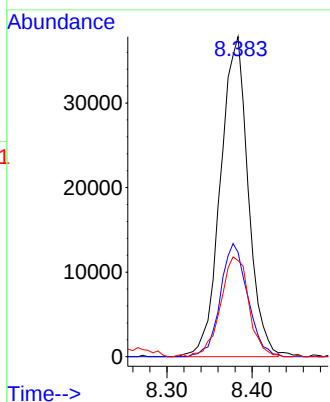
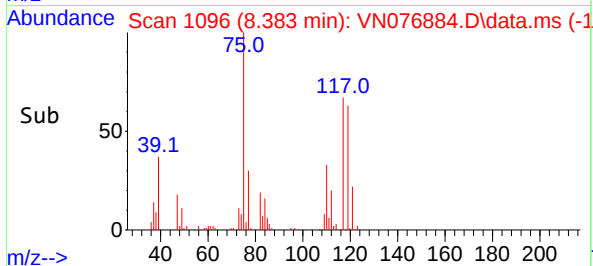
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



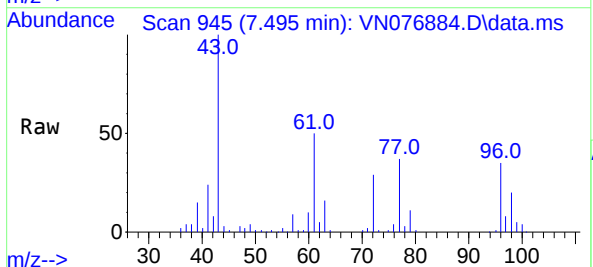
Tgt Ion: 75 Resp: 85390
Ion Ratio Lower Upper
75 100
110 34.8 0.0 67.2
77 31.8 0.0 64.4

Manual Integrations
APPROVED

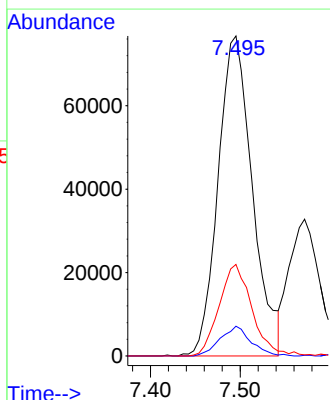
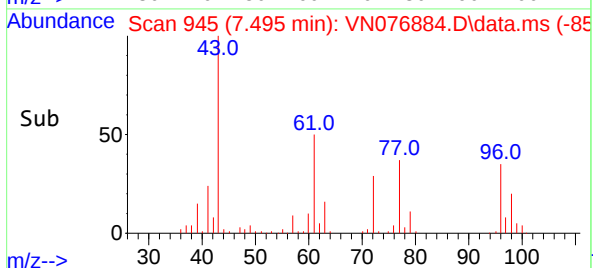
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

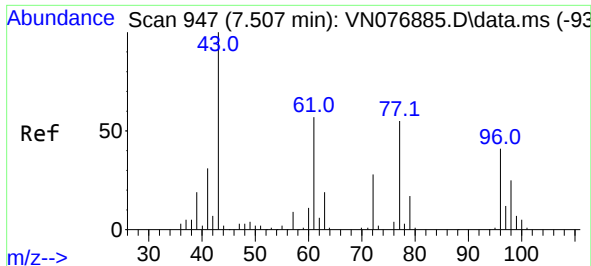


#30
2-Butanone
Concen: 49.838 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 43 Resp: 204001
Ion Ratio Lower Upper
43 100
57 8.3 6.1 9.1
72 27.1 20.2 30.4





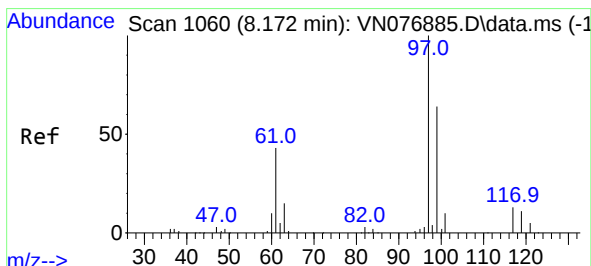
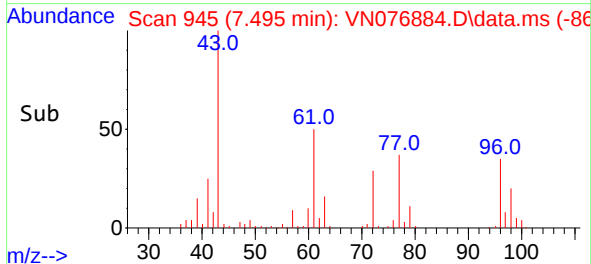
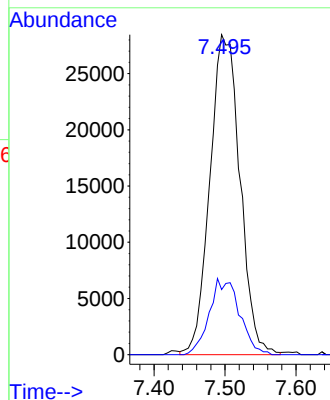
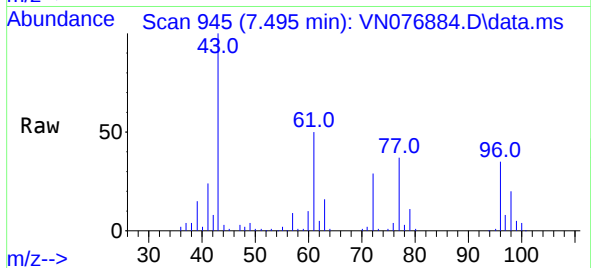
#31
2,2-Dichloropropane
Concen: 10.899 ug/l
RT: 7.495 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 77 Resp: 83578
Ion Ratio Lower Upper
77 100
97 11.1 7.2 10.8

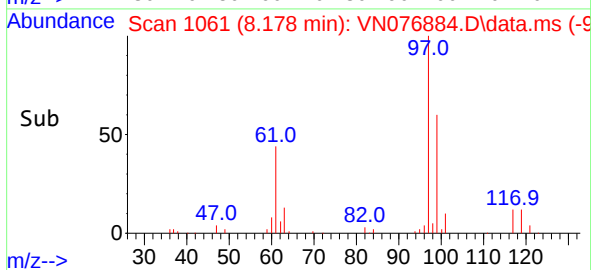
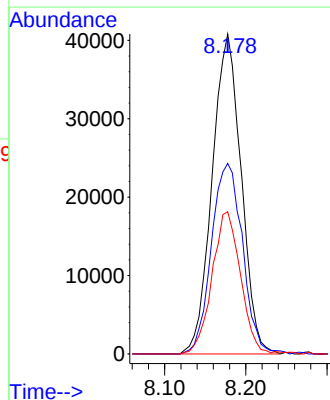
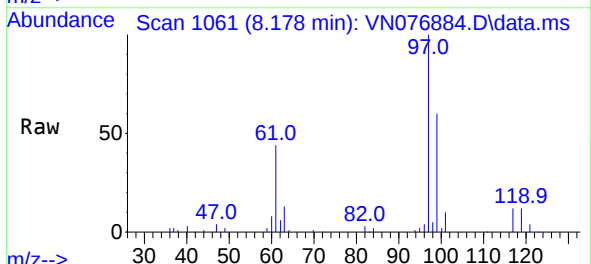
Manual Integrations
APPROVED

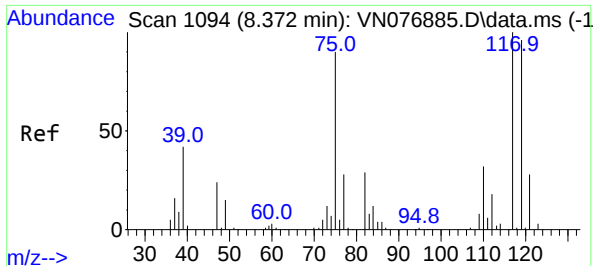
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#32
1,1,1-Trichloroethane
Concen: 11.791 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 97 Resp: 101251
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 43.5 39.3 58.9





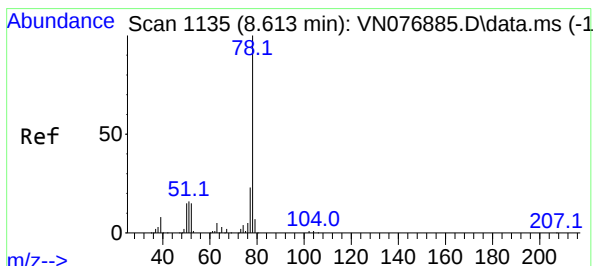
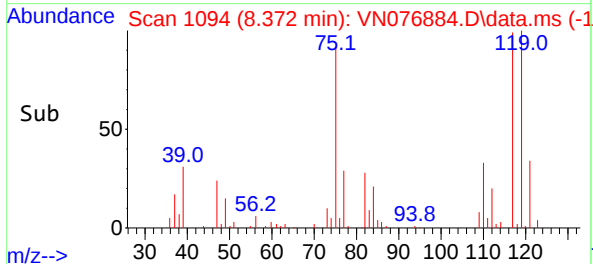
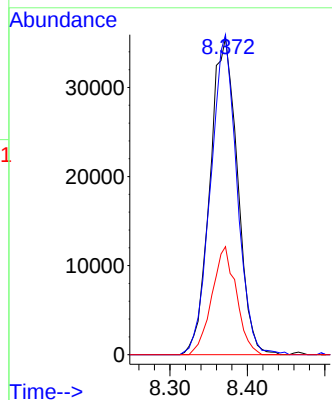
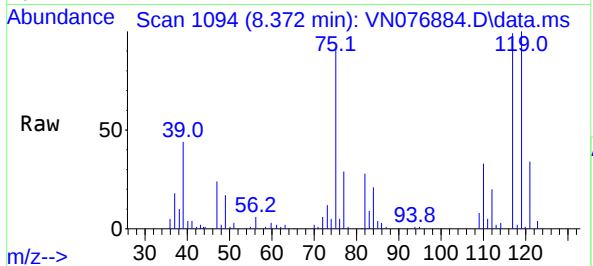
#33
Carbon Tetrachloride
Concen: 11.752 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 87710
Ion Ratio Lower Upper
117 100
119 101.0 79.8 119.8
121 34.1 23.4 35.0

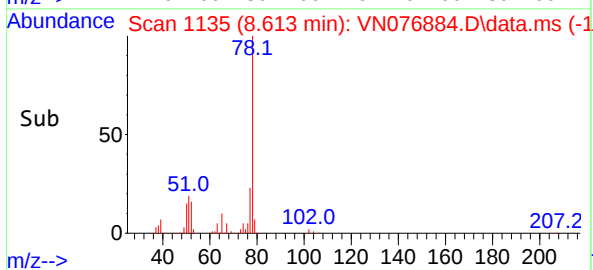
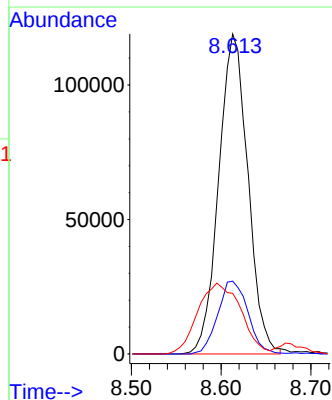
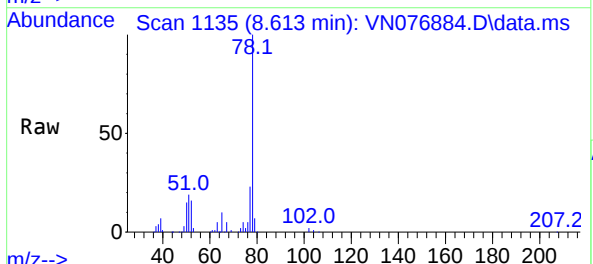
Manual Integrations
APPROVED

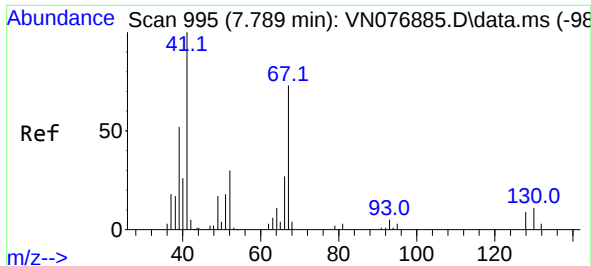
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#34
Benzene
Concen: 11.462 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

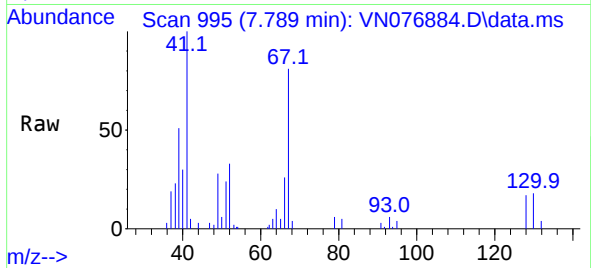
Tgt Ion: 78 Resp: 268449
Ion Ratio Lower Upper
78 100
77 22.8 17.4 26.2
51 16.9 13.8 20.6





#35
Methacrylonitrile
Concen: 9.360 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC010

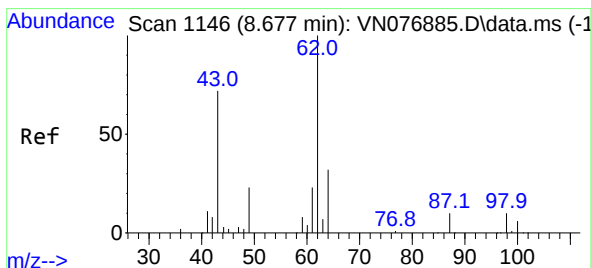
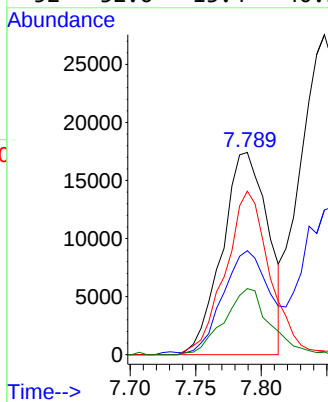
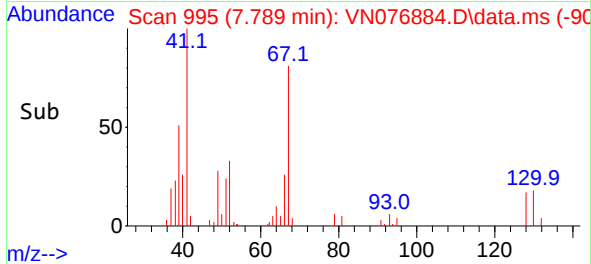


Tgt Ion: 41 Resp: 4252

Ion	Ratio	Lower	Upper
41	100		
39	50.4	26.6	79.7
67	80.8	32.3	96.9
52	32.6	13.4	40.1

Manual Integrations
APPROVED

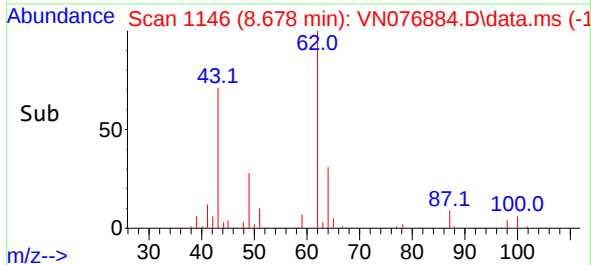
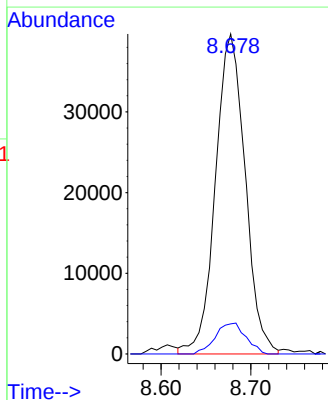
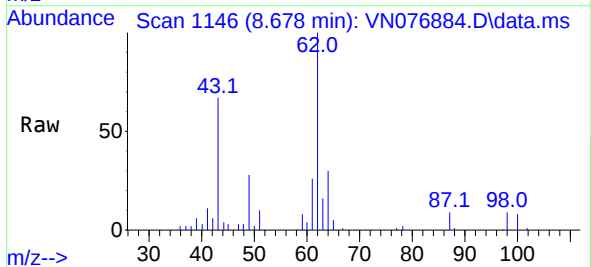
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

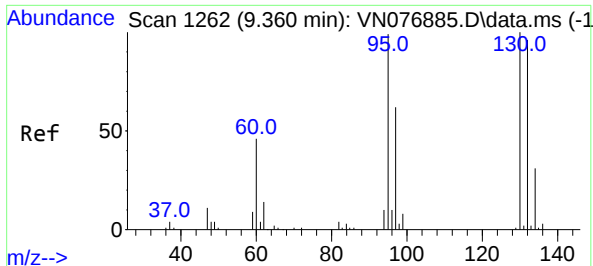


#36
1,2-Dichloroethane
Concen: 11.615 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 62 Resp: 91099

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.4	11.0





#37
Trichloroethene
Concen: 11.629 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

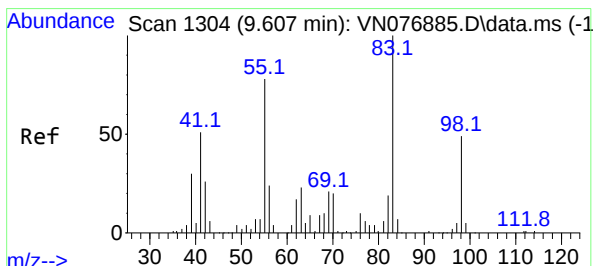
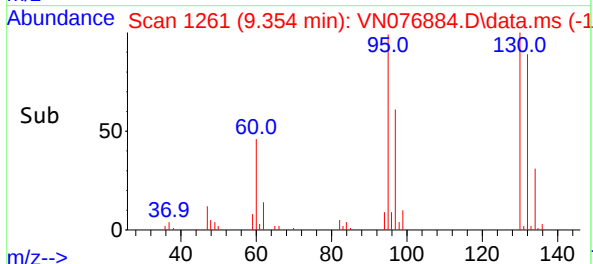
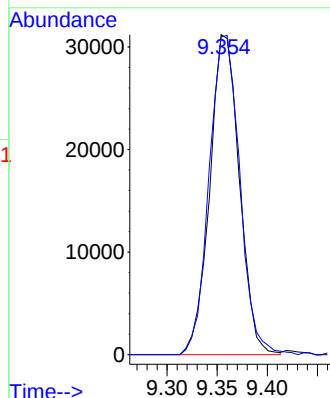
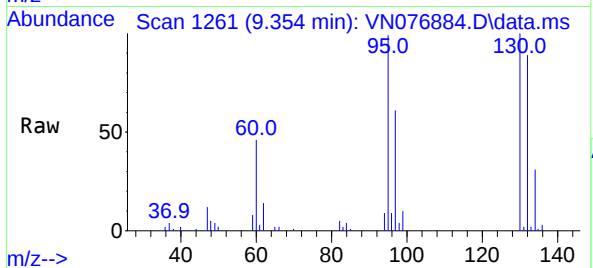
Tgt Ion:130 Resp: 63990
Ion Ratio Lower Upper
130 100
95 99.3 78.7 118.1

Manual Integrations

APPROVED

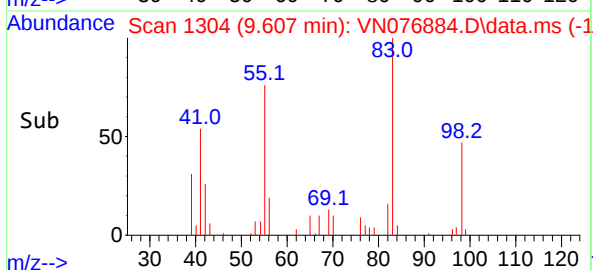
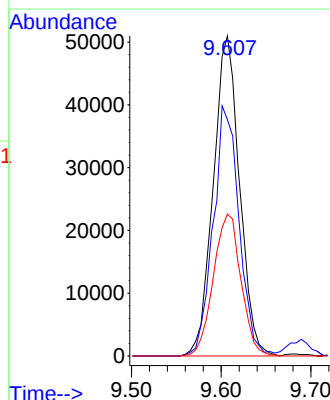
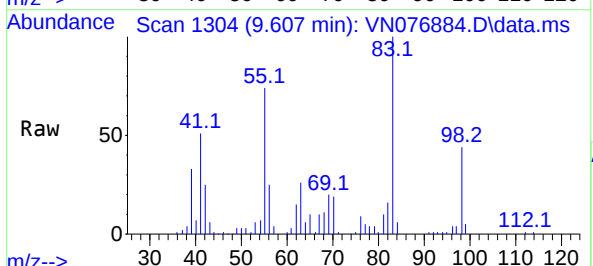
Reviewed By :John Carlone 03/09/2023

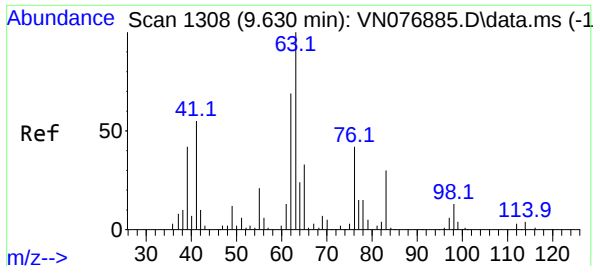
Supervised By :Mahesh Dadoda 03/09/2023



#38
Methylcyclohexane
Concen: 11.081 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 83 Resp: 103464
Ion Ratio Lower Upper
83 100
55 76.9 37.6 112.9
98 46.6 24.1 72.4





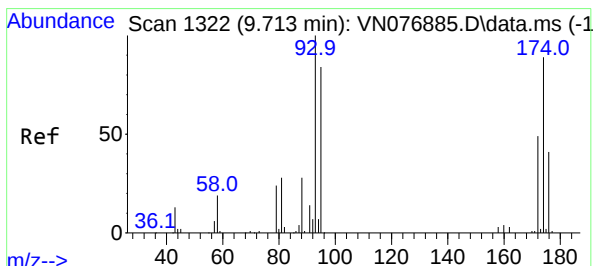
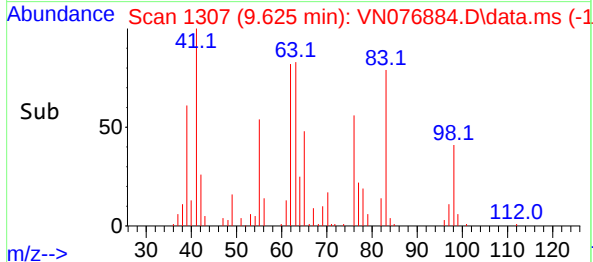
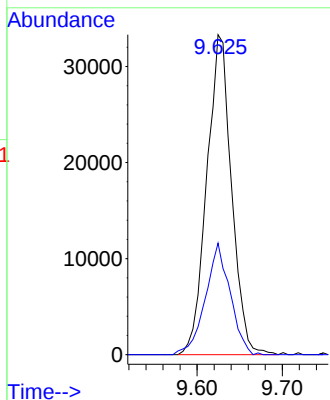
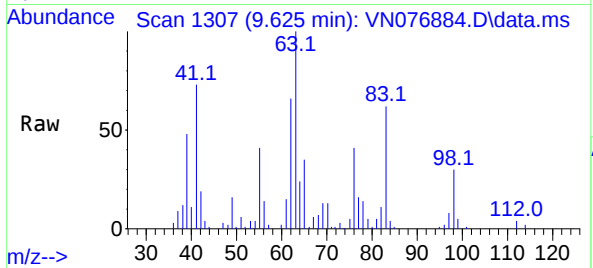
#39
1,2-Dichloropropane
Concen: 11.098 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 67335
Ion Ratio Lower Upper
63 100
65 34.9 27.2 40.8

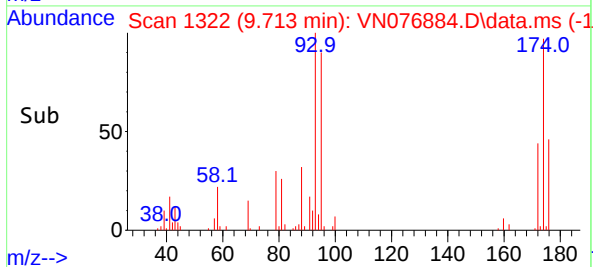
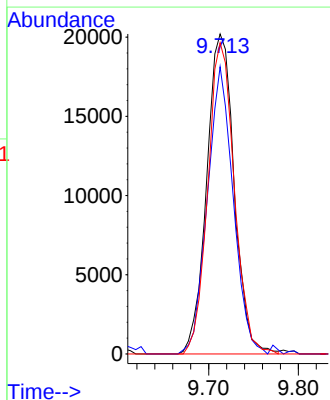
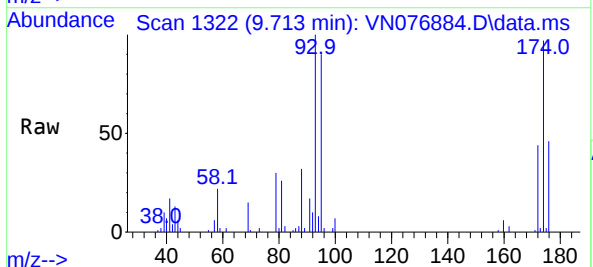
Manual Integrations
APPROVED

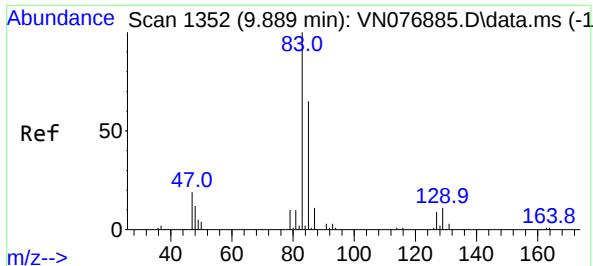
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#40
Dibromomethane
Concen: 11.122 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 93 Resp: 42995
Ion Ratio Lower Upper
93 100
95 84.3 0.0 158.0
174 93.7 0.0 171.2





#41
Bromodichloromethane
Concen: 11.018 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

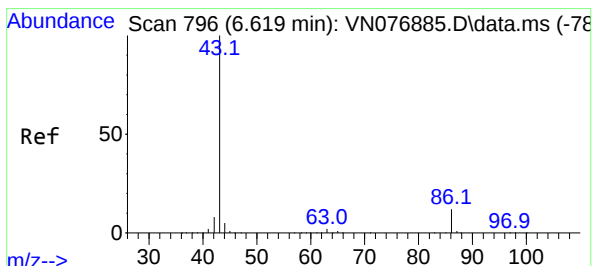
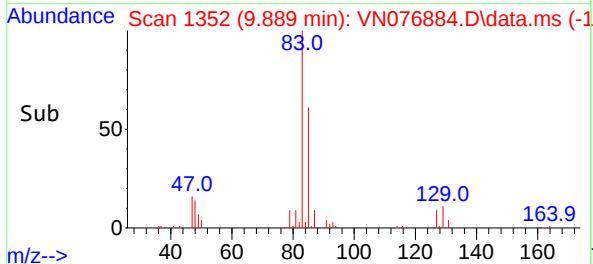
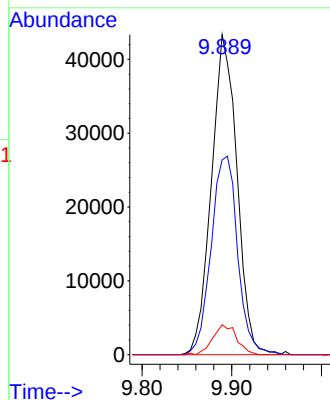
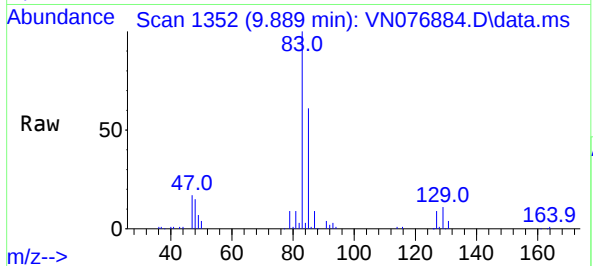
VSTDICC010

Tgt Ion: 83 Resp: 8572
Ion Ratio Lower Upper
83 100
85 60.9 51.0 76.4
127 9.4 6.2 9.2

Manual Integrations

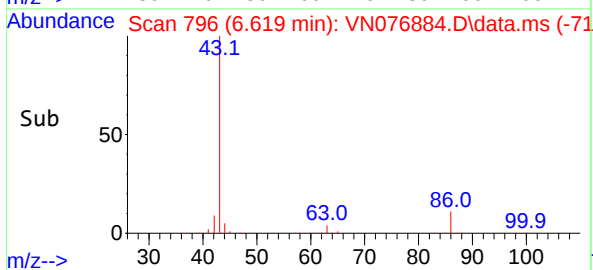
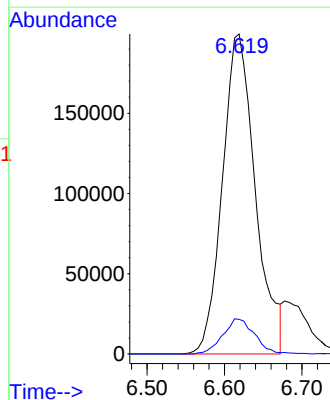
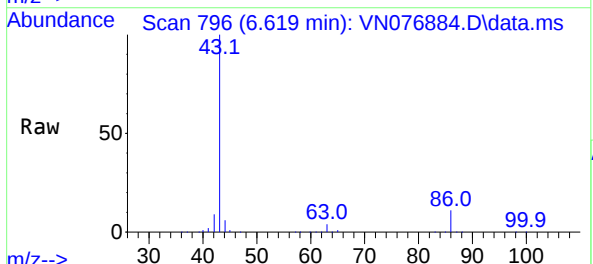
APPROVED

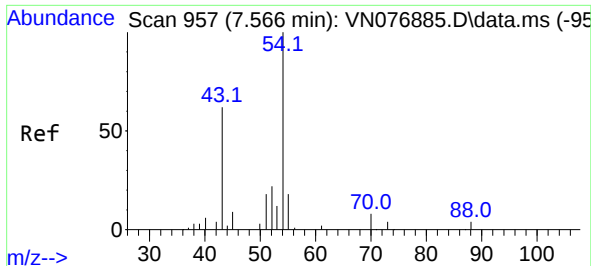
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#42
Vinyl Acetate
Concen: 48.788 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 43 Resp: 590386
Ion Ratio Lower Upper
43 100
86 10.4 7.8 11.6





#43

Ethyl Acetate

Concen: 10.328 ug/l

RT: 7.572 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 8149

Ion Ratio Lower Upper

43 100

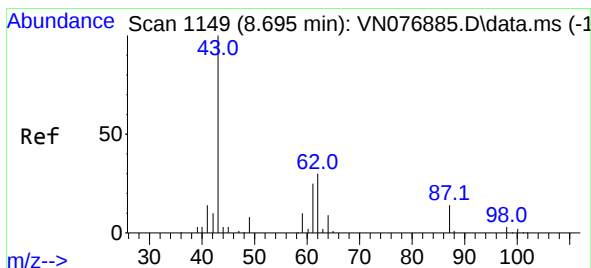
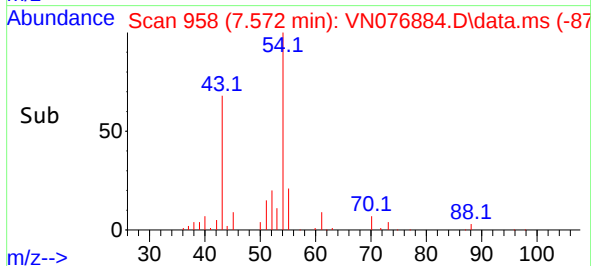
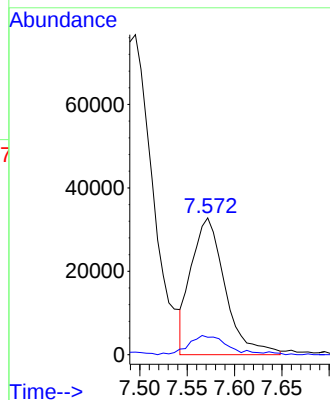
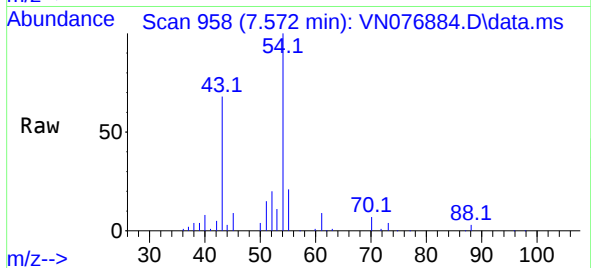
45 14.4 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#44

Isopropyl Acetate

Concen: 9.623 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN076884.D

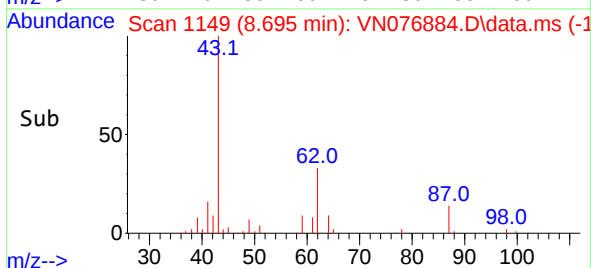
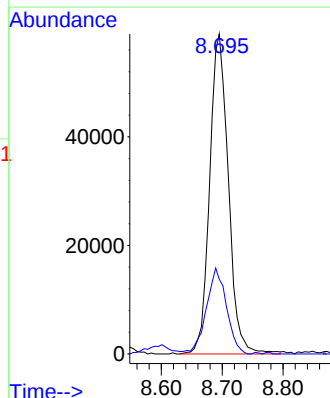
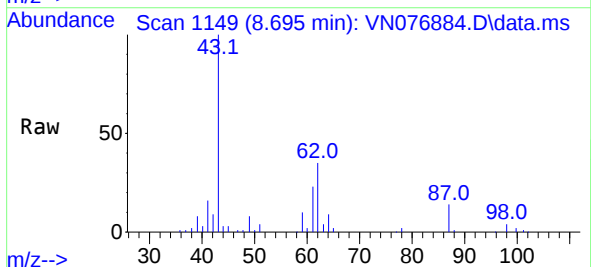
Acq: 08 Mar 2023 18:23

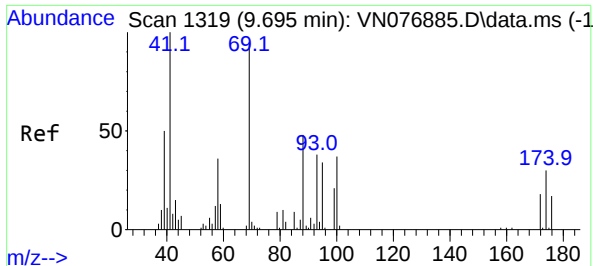
Tgt Ion: 43 Resp: 125690

Ion Ratio Lower Upper

43 100

61 28.6 19.5 29.3





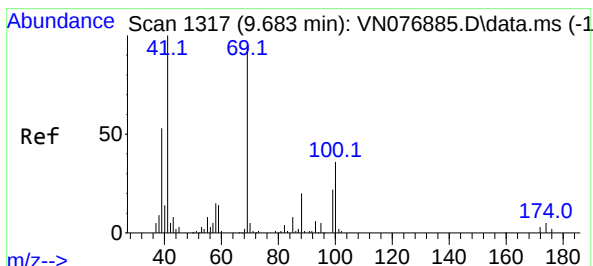
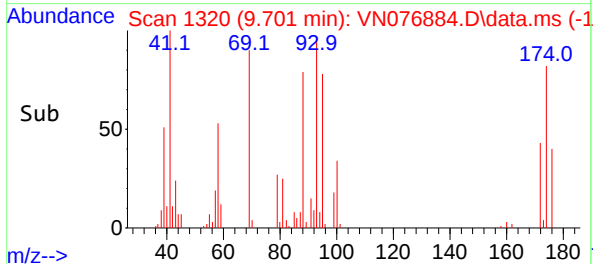
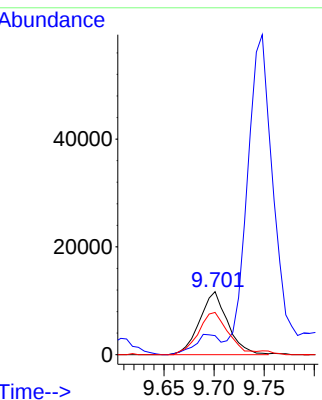
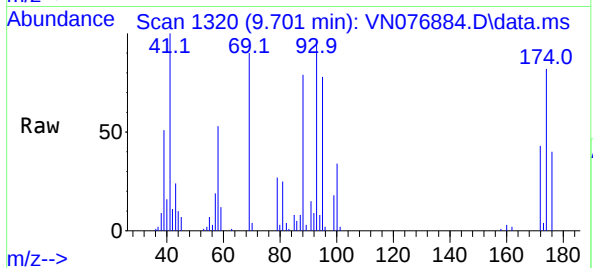
#45
1,4-Dioxane
Concen: 207.911 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 2281
Ion Ratio Lower Upper
88 100
43 28.6 26.0 39.0
58 69.8 54.3 81.5

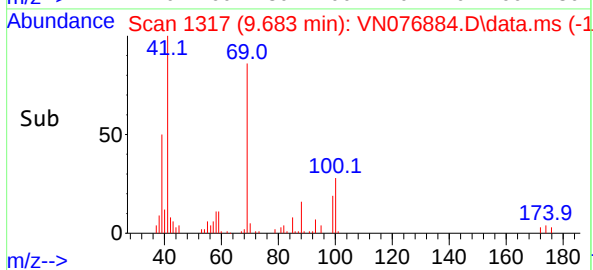
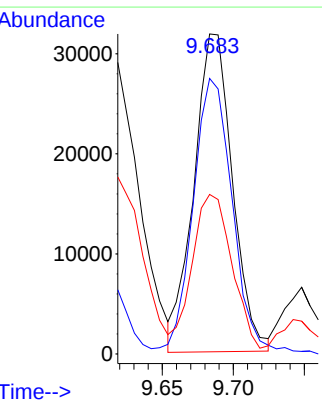
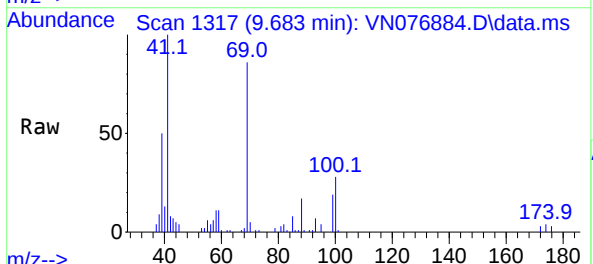
Manual Integrations
APPROVED

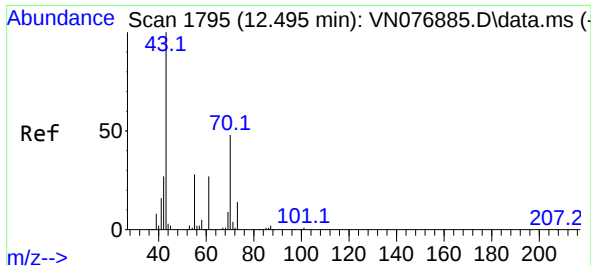
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#46
Methyl methacrylate
Concen: 9.979 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

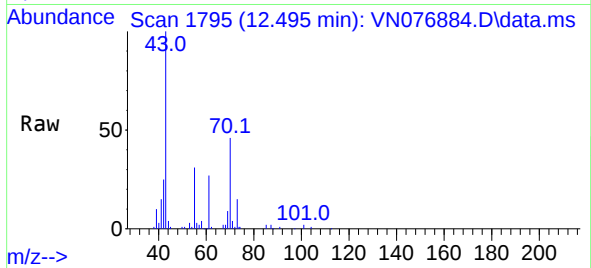
Tgt Ion: 41 Resp: 60090
Ion Ratio Lower Upper
41 100
69 87.6 40.6 121.7
39 49.7 30.5 91.5





#47
n-amyl acetate
Concen: 8.668 ug/l m
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

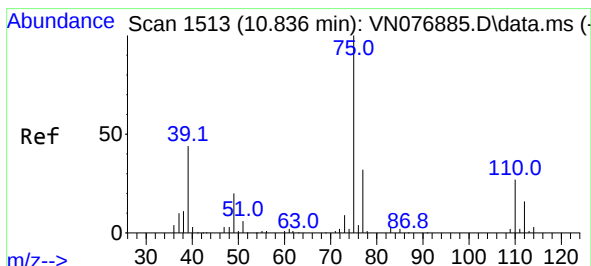
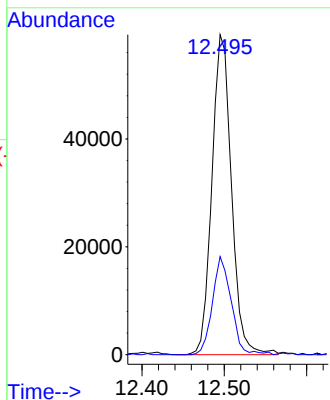
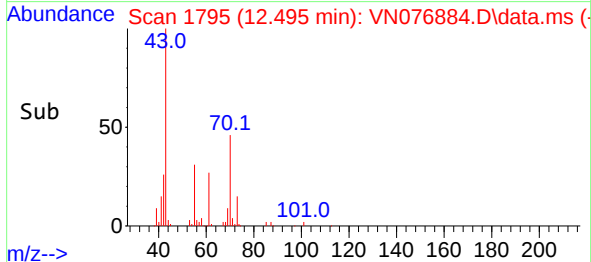
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



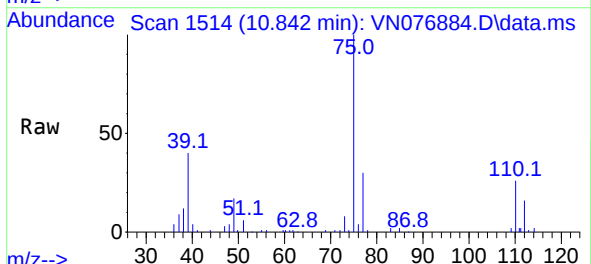
Tgt Ion: 43 Resp: 9793
Ion Ratio Lower Upper
43 100
55 0.2 18.3 27.5

Manual Integrations
APPROVED

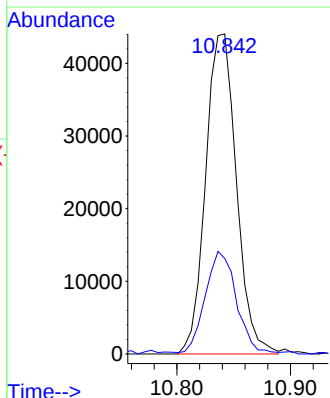
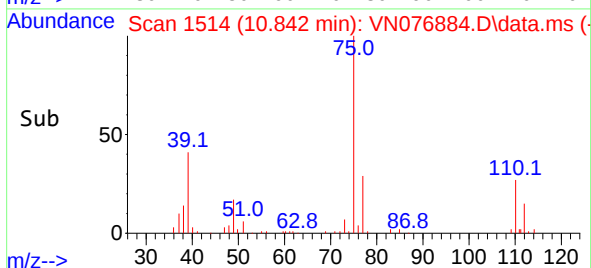
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

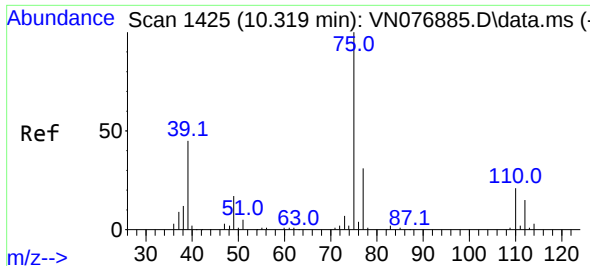


#48
t-1,3-Dichloropropene
Concen: 10.569 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 75 Resp: 82992
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.2





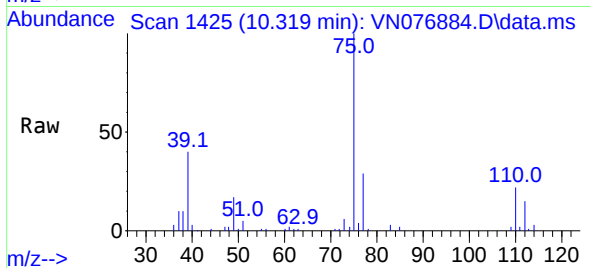
#49
cis-1,3-Dichloropropene
Concen: 10.623 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

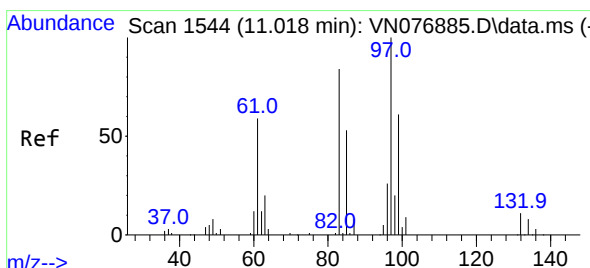
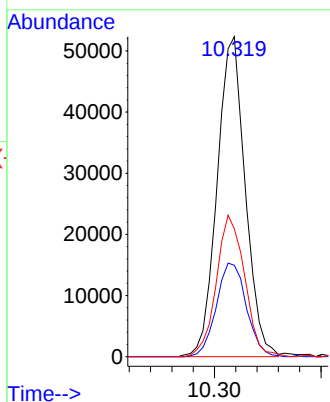
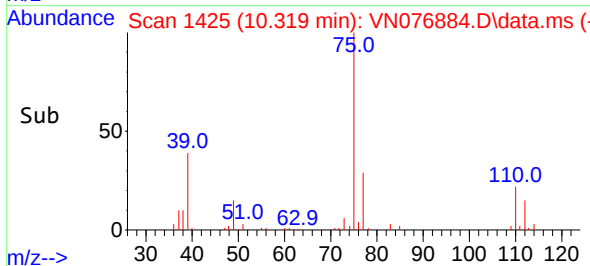


Tgt Ion: 75 Resp: 95700
Ion Ratio Lower Upper
75 100
77 28.5 27.5 41.3
39 39.9 43.5 65.3

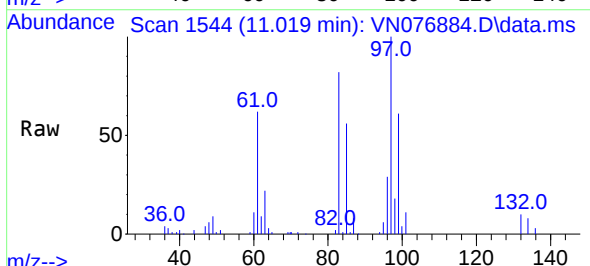
Manual Integrations

APPROVED

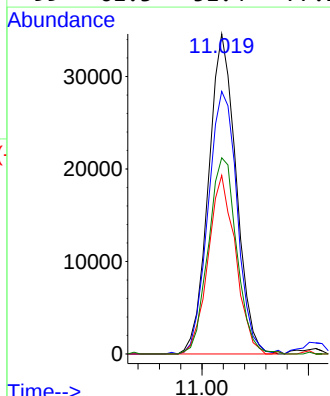
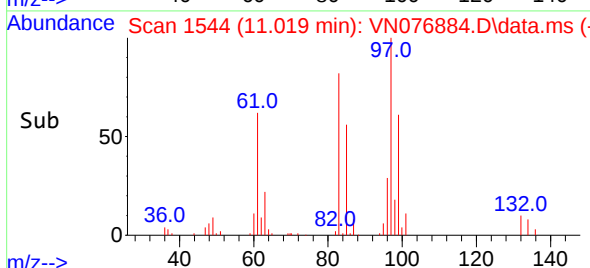
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

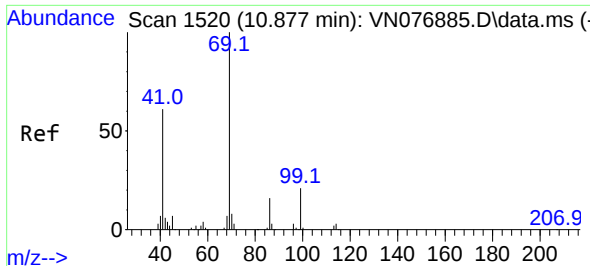


#50
1,1,2-Trichloroethane
Concen: 11.081 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



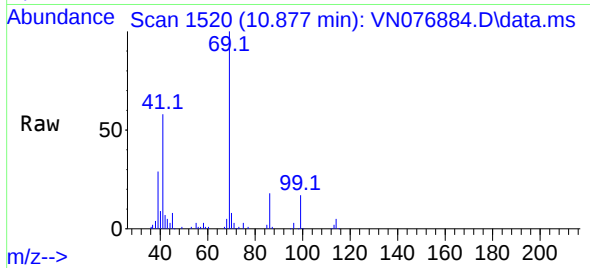
Tgt Ion: 97 Resp: 62311
Ion Ratio Lower Upper
97 100
83 82.0 71.0 106.4
85 55.8 45.5 68.3
99 61.3 51.4 77.2





#51
Ethyl methacrylate
Concen: 10.838 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

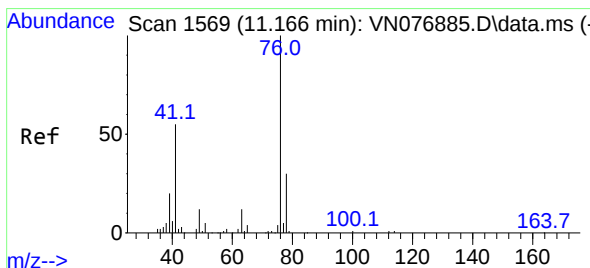
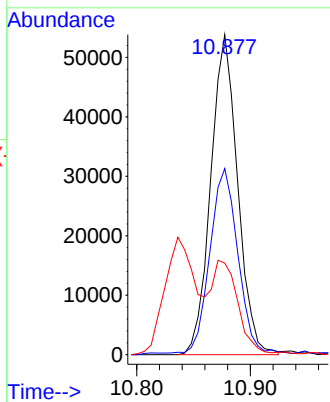
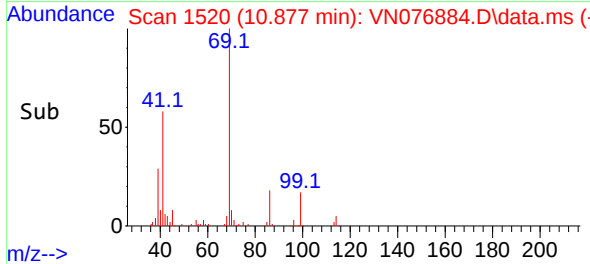
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



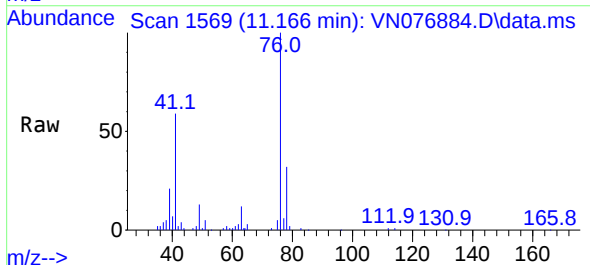
Tgt Ion: 69 Resp: 88590
Ion Ratio Lower Upper
69 100
41 57.4 36.3 108.7
39 27.8 19.9 59.7

Manual Integrations
APPROVED

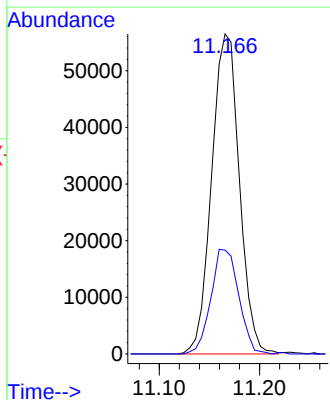
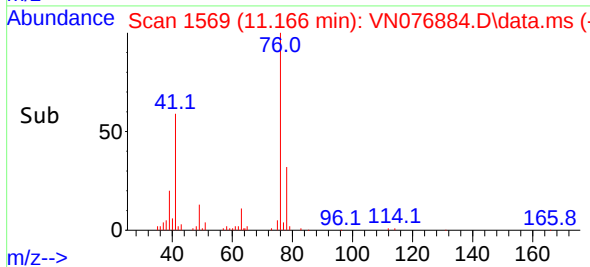
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

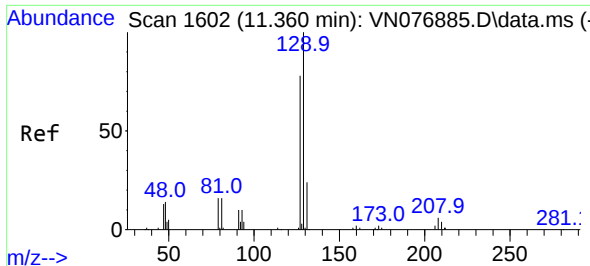


#52
1,3-Dichloropropane
Concen: 11.193 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 76 Resp: 108243
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.4





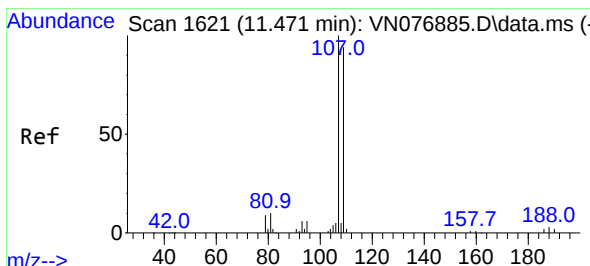
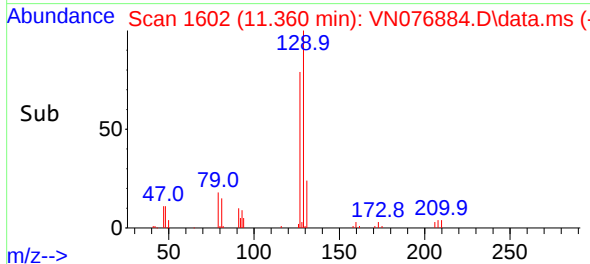
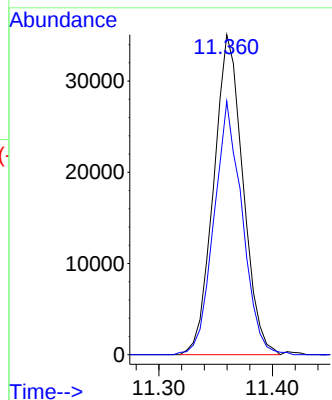
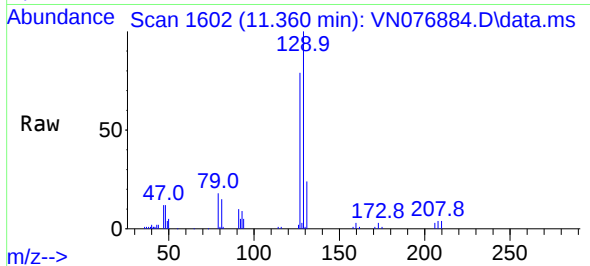
#53
Dibromochloromethane
Concen: 10.967 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:129 Resp: 6283
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1

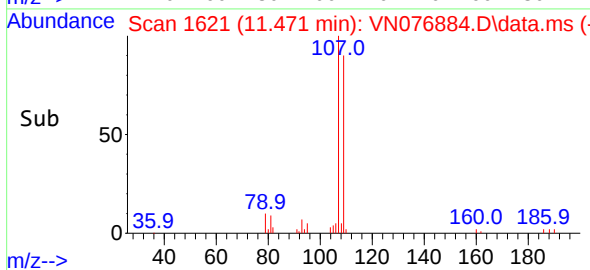
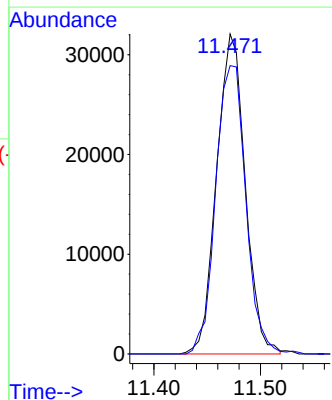
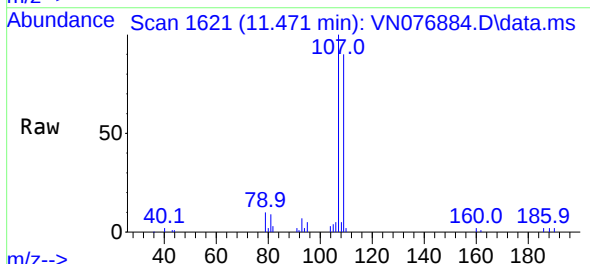
Manual Integrations
APPROVED

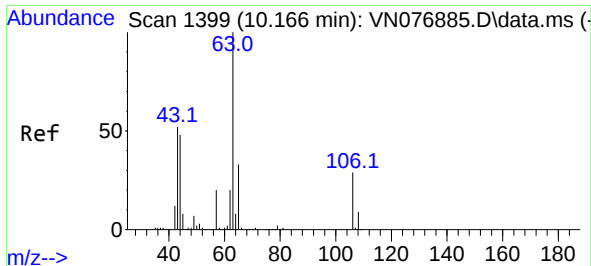
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#54
1,2-Dibromoethane
Concen: 11.001 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

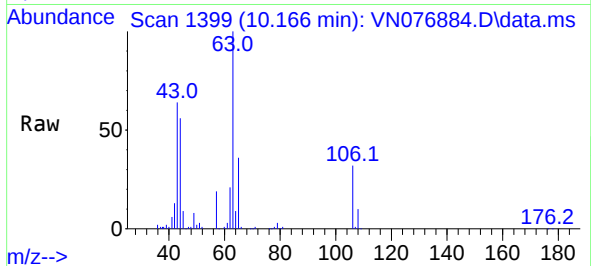
Tgt Ion:107 Resp: 59861
Ion Ratio Lower Upper
107 100
109 94.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 36.703 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

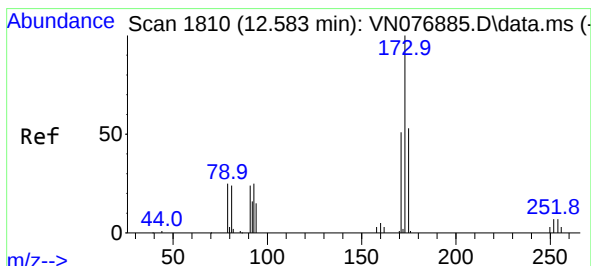
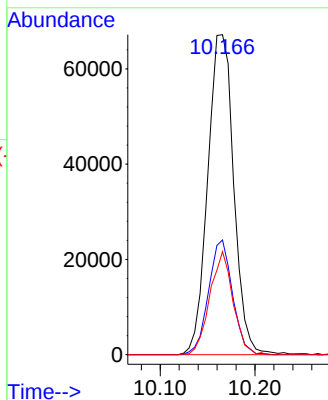
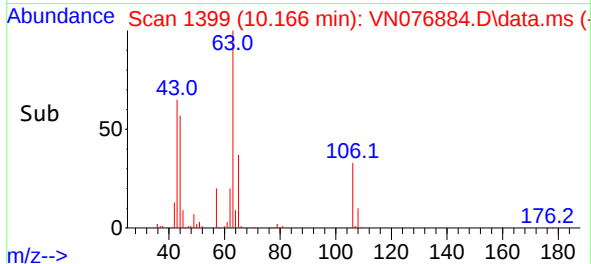
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



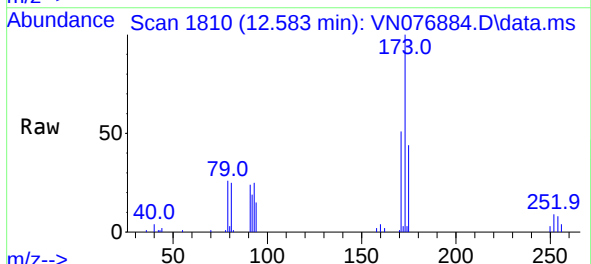
Tgt Ion: 63 Resp: 128069
Ion Ratio Lower Upper
63 100
65 32.9 26.3 39.5
106 28.8 21.6 32.4

Manual Integrations
APPROVED

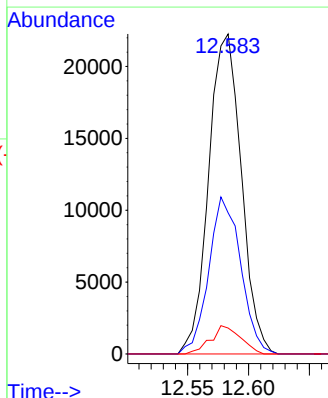
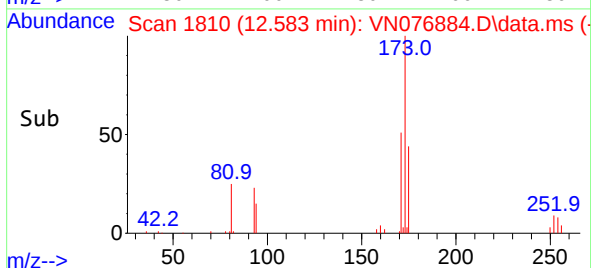
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

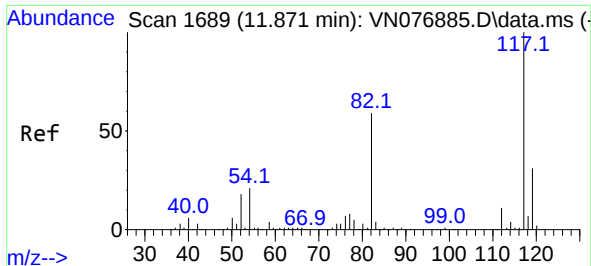


#56
Bromoform
Concen: 10.607 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion:173 Resp: 41501
Ion Ratio Lower Upper
173 100
175 48.1 37.8 56.6
254 8.1 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1188
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

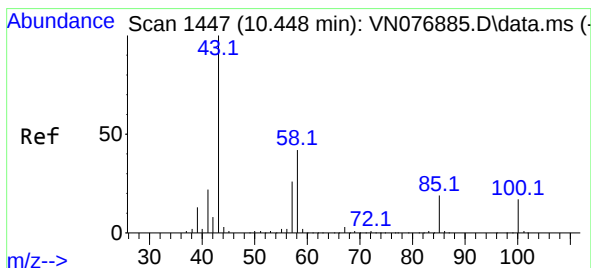
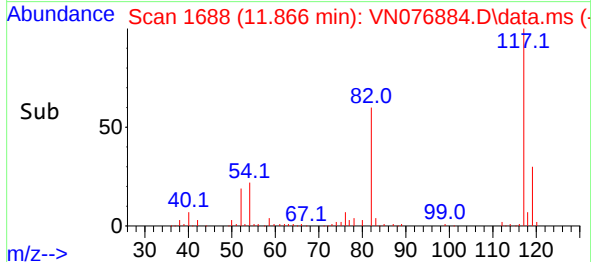
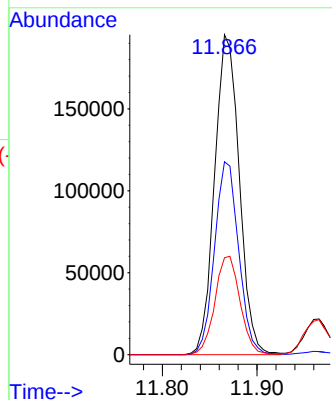
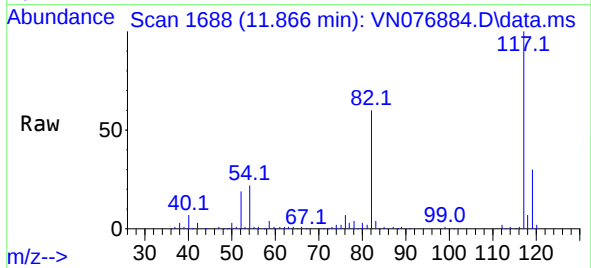
Tgt Ion:117 Resp: 354659
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.0
119 31.4 26.8 40.2

Manual Integrations

APPROVED

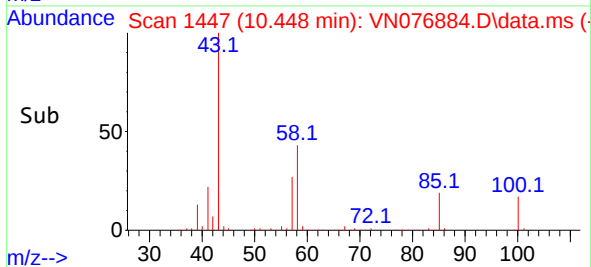
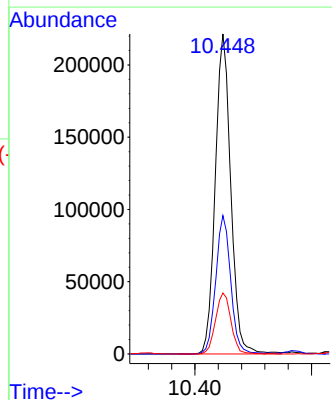
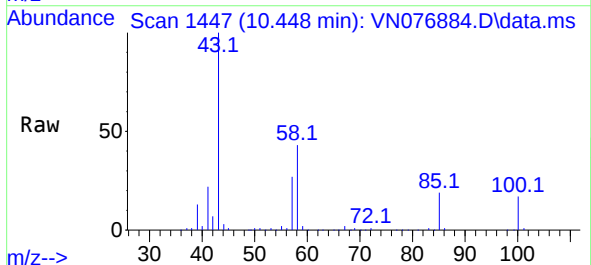
Reviewed By :John Carlone 03/09/2023

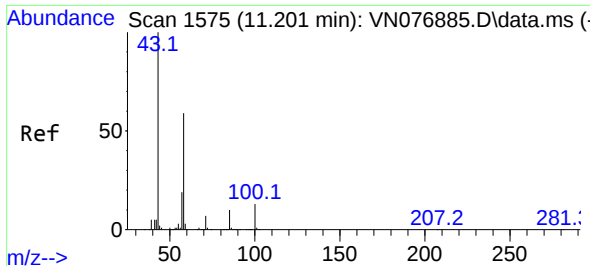
Supervised By :Mahesh Dadoda 03/09/2023



#58
4-Methyl-2-Pentanone
Concen: 49.973 ug/l m
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

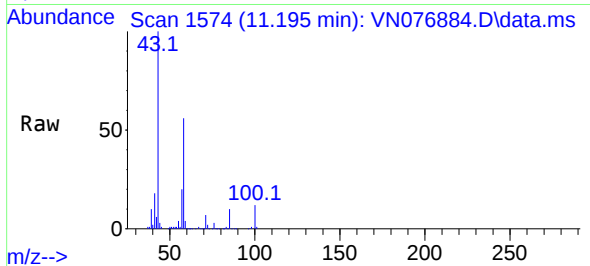
Tgt Ion: 43 Resp: 408440
Ion Ratio Lower Upper
43 100
58 0.1 28.6 42.8#
85 0.1 11.8 17.8#





#59
2-Hexanone
Concen: 48.106 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

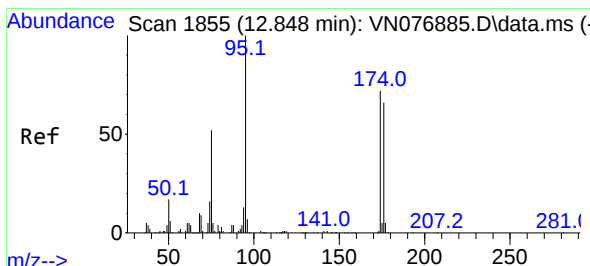
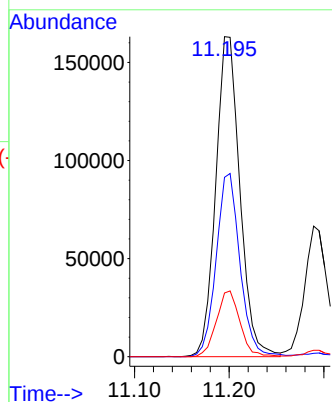
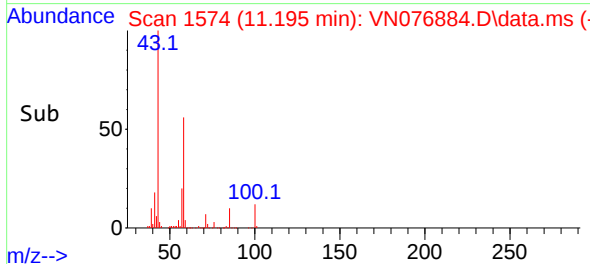
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 289720
Ion Ratio Lower Upper
43 100
58 56.3 40.6 60.8
57 20.0 13.1 19.7

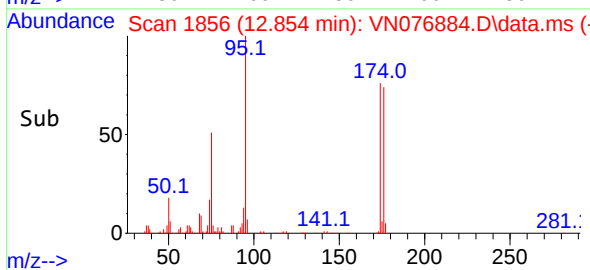
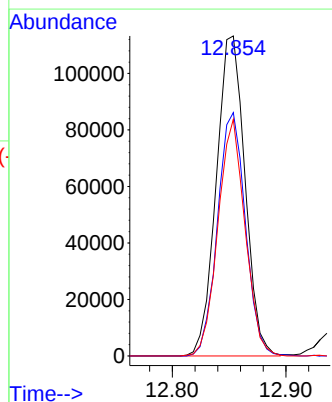
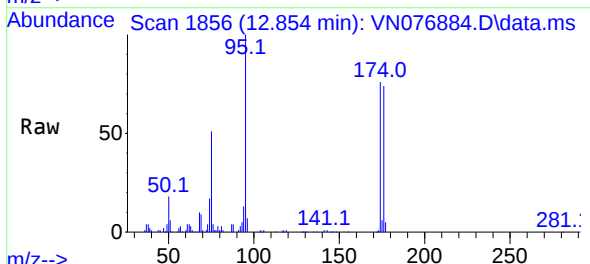
Manual Integrations
APPROVED

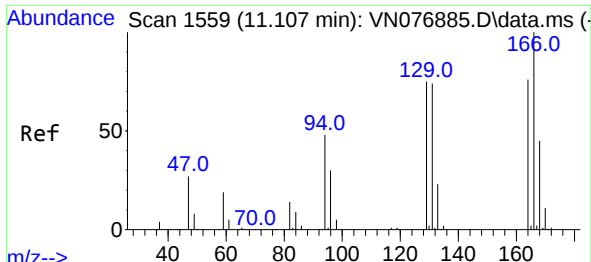
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#60
4-Bromofluorobenzene
Concen: 31.399 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

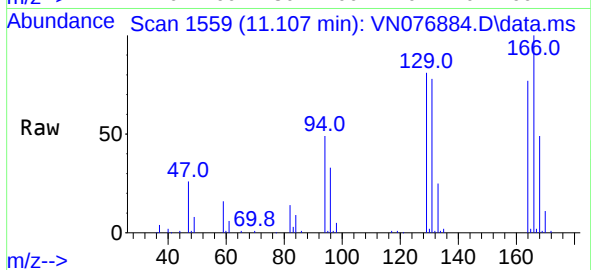
Tgt Ion: 95 Resp: 198837
Ion Ratio Lower Upper
95 100
174 73.8 64.2 96.4
176 69.7 61.4 92.0





#61
Tetrachloroethene
Concen: 13.205 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

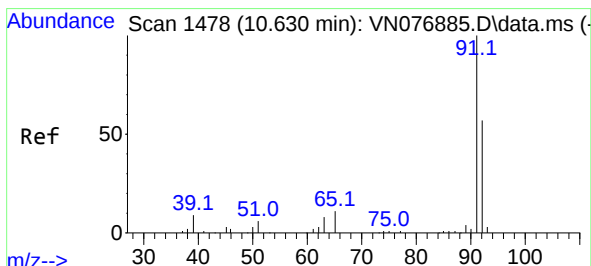
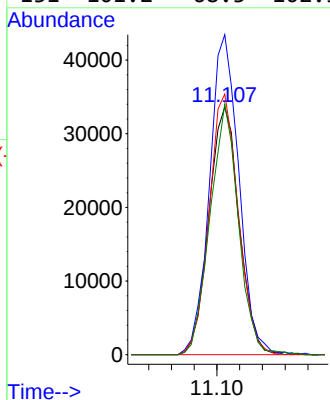
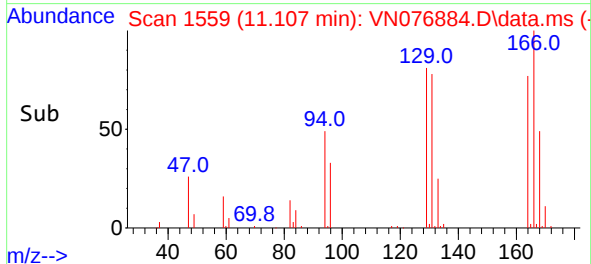
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



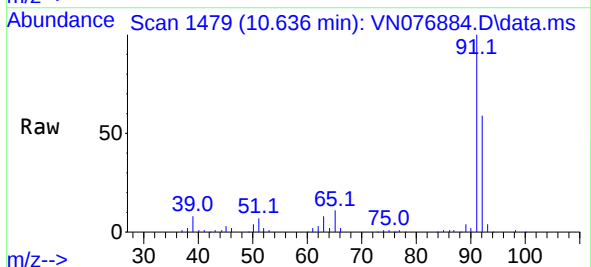
Tgt Ion:164 Resp: 6205
Ion Ratio Lower Upper
164 100
166 129.2 96.2 144.2
129 105.3 78.2 117.4
131 101.2 68.3 102.5

Manual Integrations
APPROVED

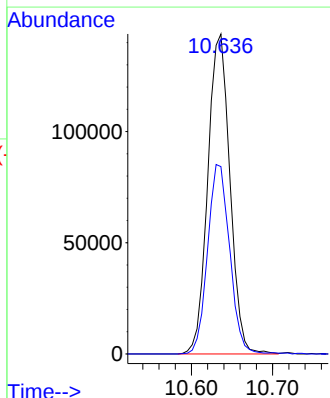
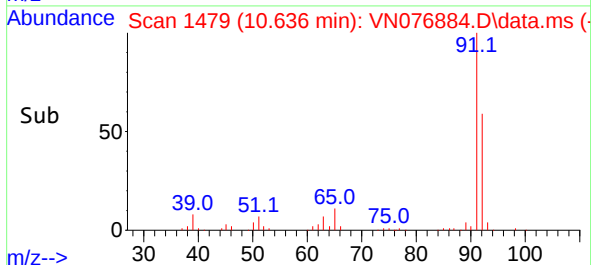
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

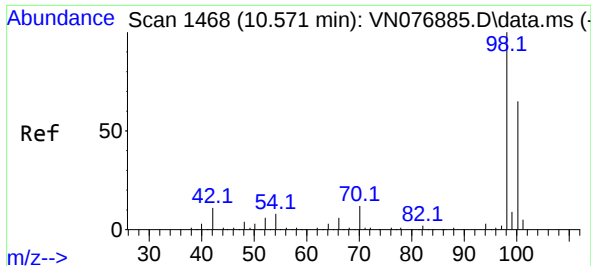


#62
Toluene
Concen: 11.033 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



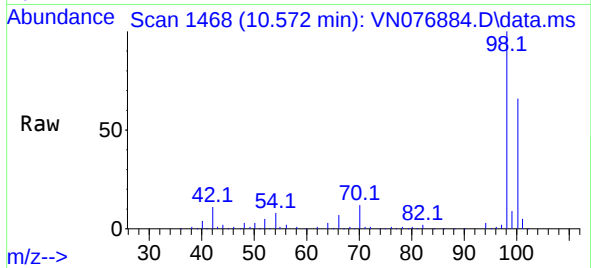
Tgt Ion: 91 Resp: 272541
Ion Ratio Lower Upper
91 100
92 58.9 46.3 69.5





#63
Toluene-d8
Concen: 30.787 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

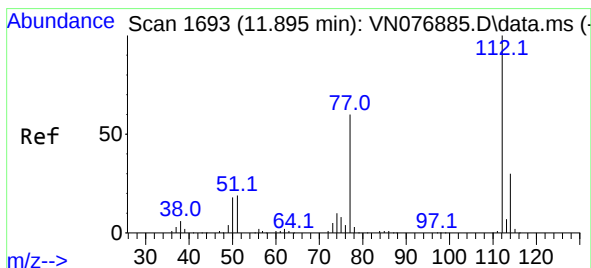
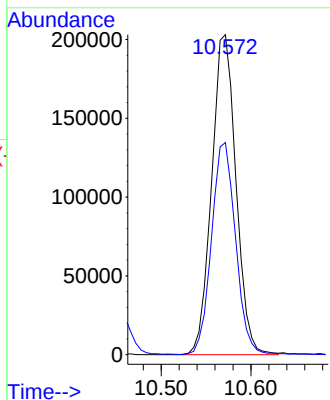
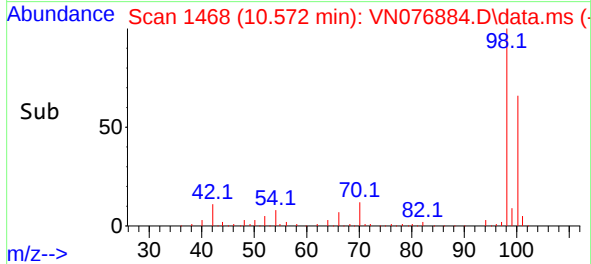
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



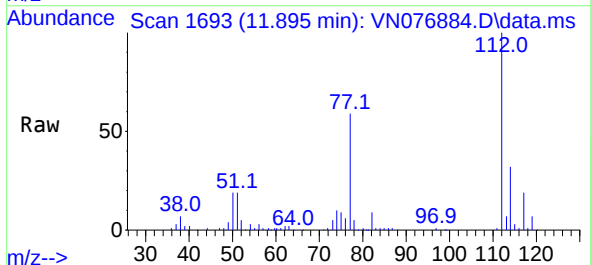
Tgt Ion: 98 Resp: 382610
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.6

Manual Integrations
APPROVED

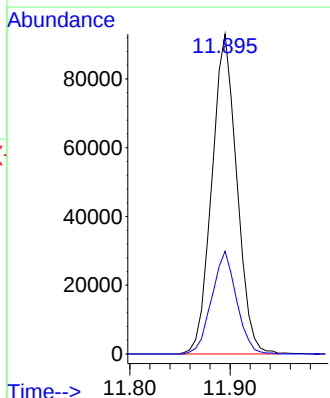
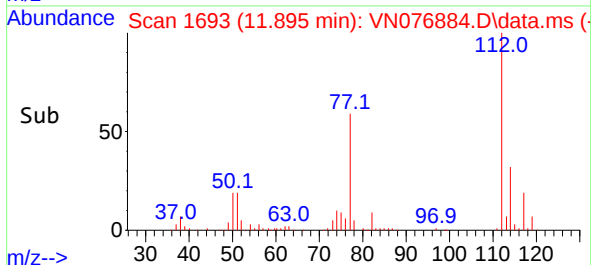
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

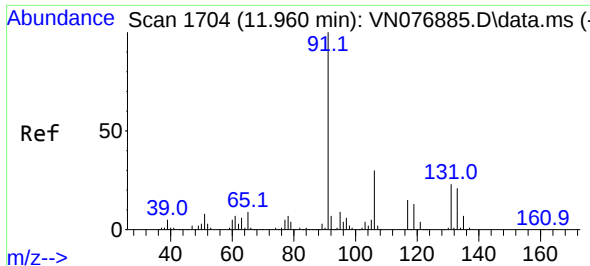


#64
Chlorobenzene
Concen: 11.045 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion:112 Resp: 160868
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7





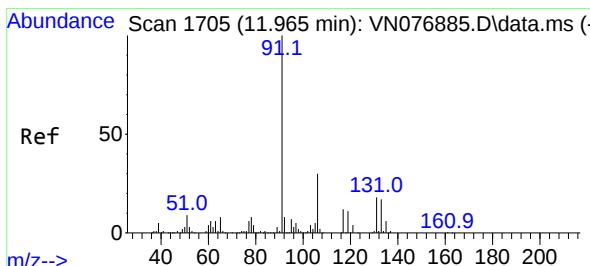
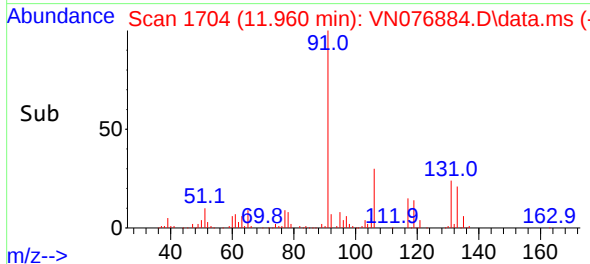
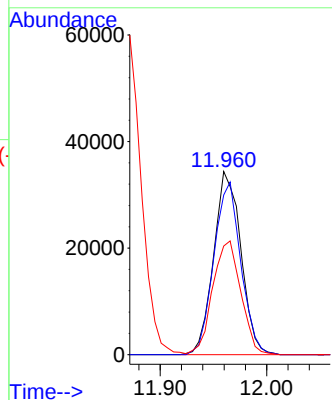
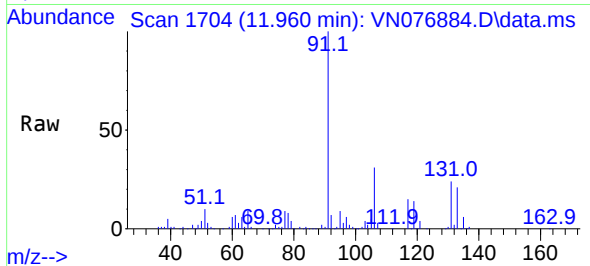
#65
1,1,1,2-Tetrachloroethane
Concen: 11.399 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 61270
Ion Ratio Lower Upper
131 100
133 93.2 0.0 197.6
119 64.0 0.0 127.8

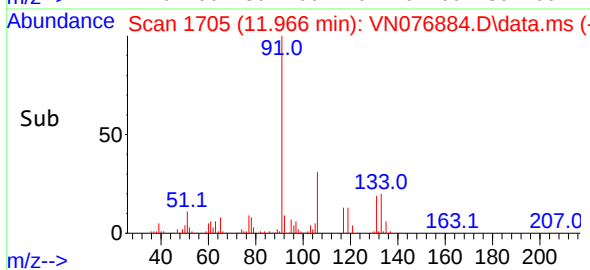
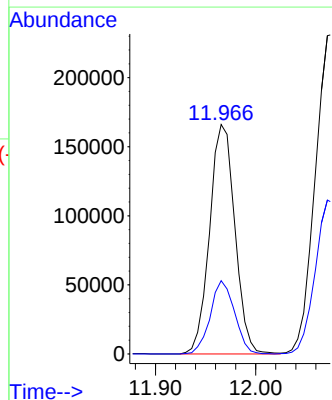
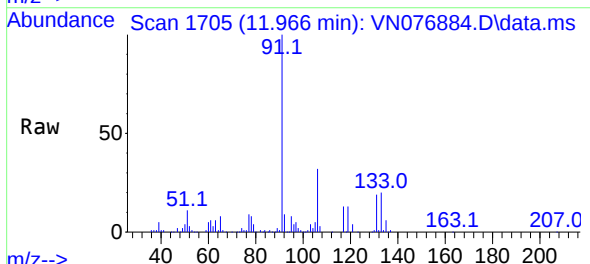
Manual Integrations
APPROVED

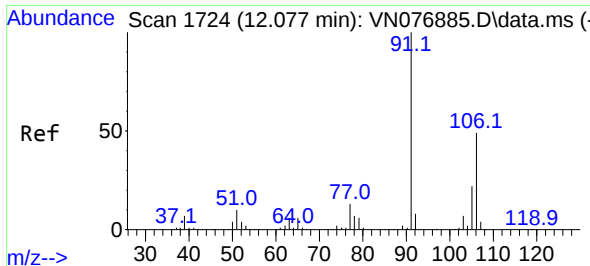
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#66
Ethyl Benzene
Concen: 11.050 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 91 Resp: 291108
Ion Ratio Lower Upper
91 100
106 31.9 23.8 35.8





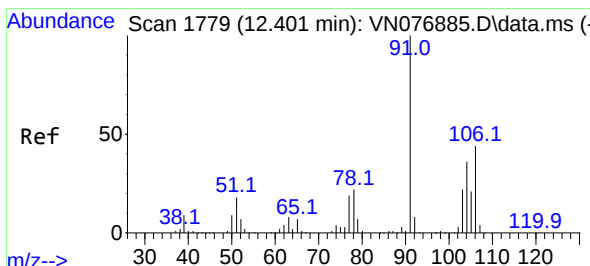
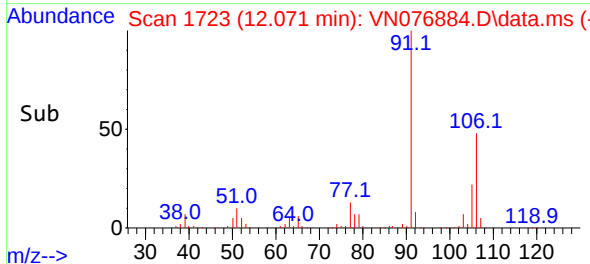
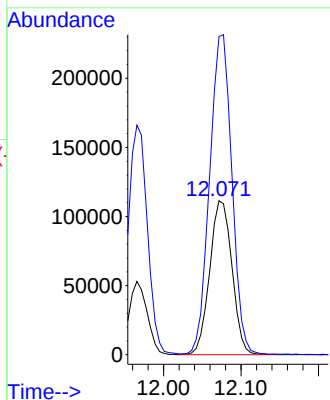
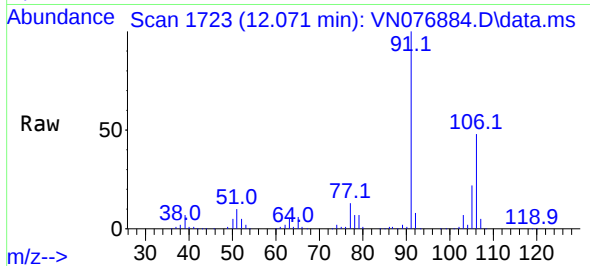
#67
m/p-Xylenes
Concen: 21.900 ug/l
RT: 12.071 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 223019
Ion Ratio Lower Upper
106 100
91 207.9 157.4 236.2

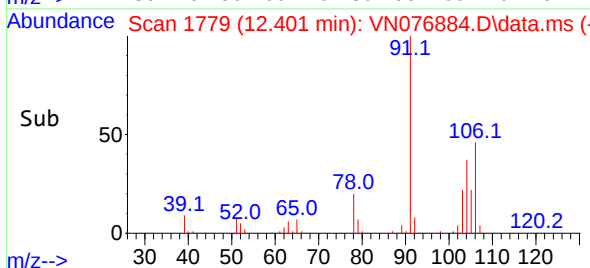
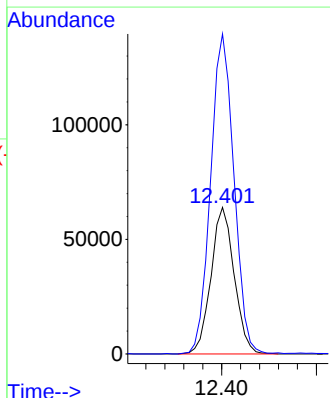
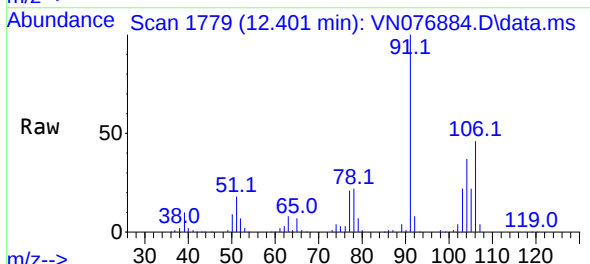
Manual Integrations
APPROVED

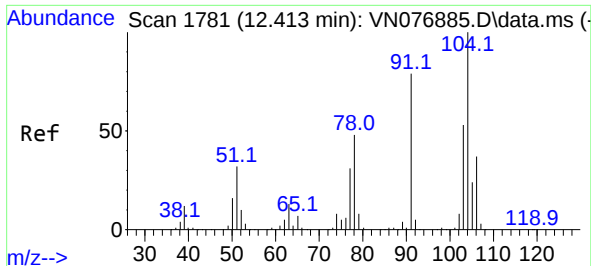
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#68
o-Xylene
Concen: 10.870 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion:106 Resp: 108927
Ion Ratio Lower Upper
106 100
91 219.1 107.2 321.6





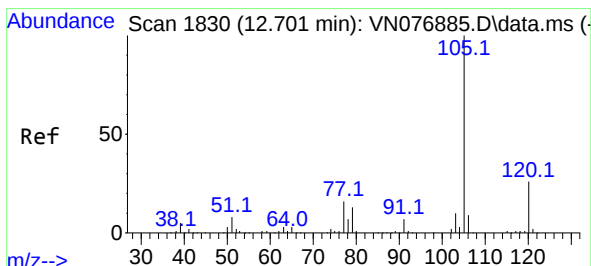
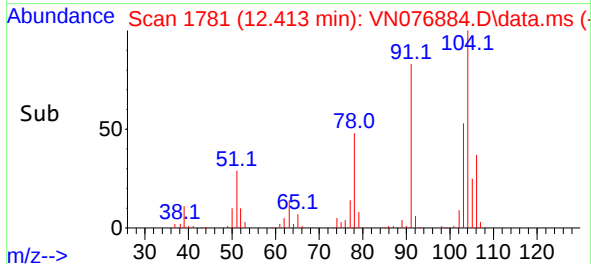
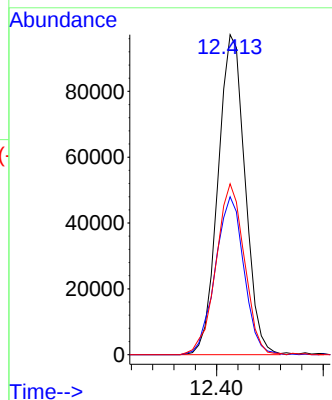
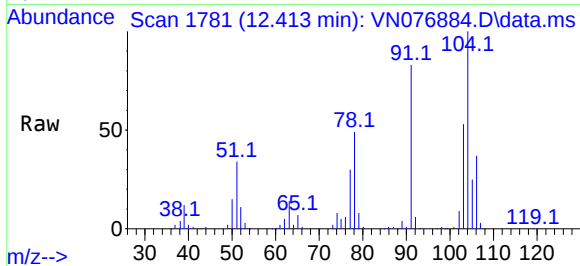
#69
Styrene
Concen: 10.620 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:104 Resp: 17104
Ion Ratio Lower Upper
104 100
78 52.3 39.6 59.4
103 56.1 43.9 65.9

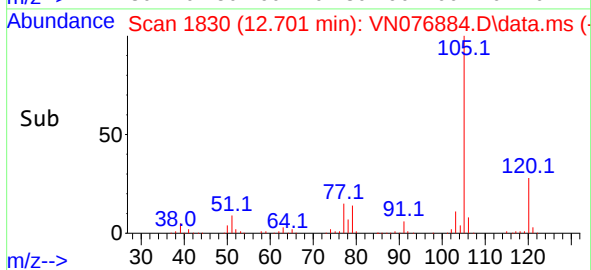
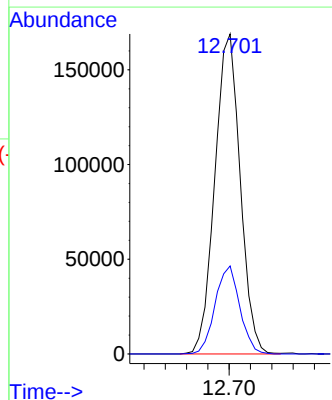
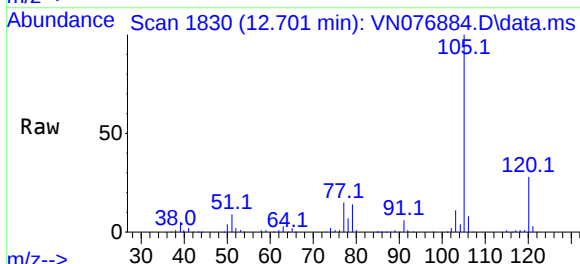
Manual Integrations
APPROVED

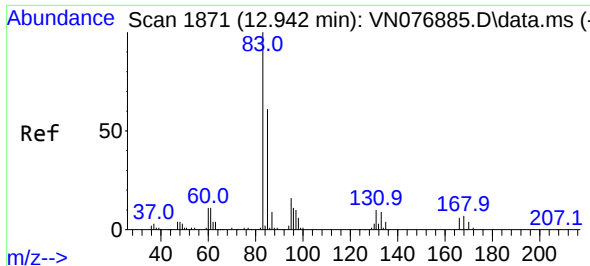
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
Isopropylbenzene
Concen: 10.879 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

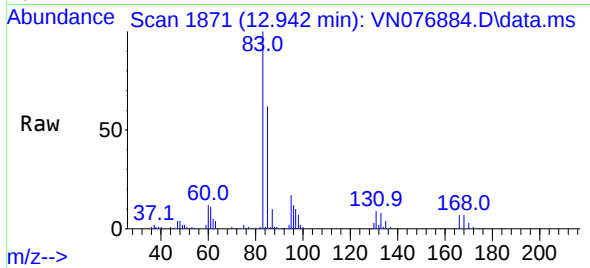
Tgt Ion:105 Resp: 279024
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 10.761 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

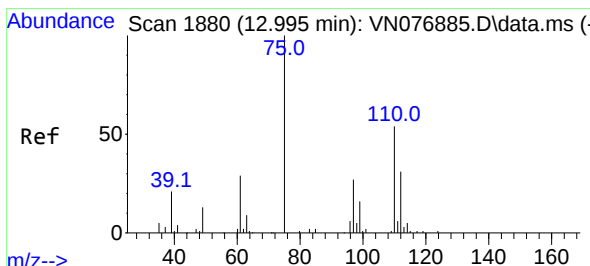
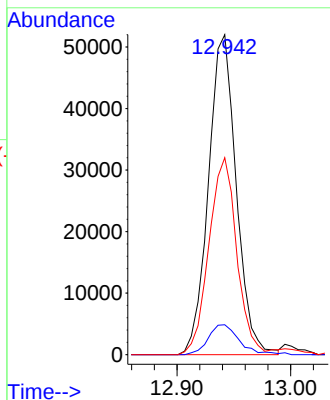
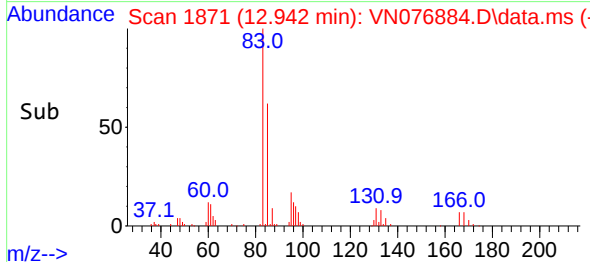
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



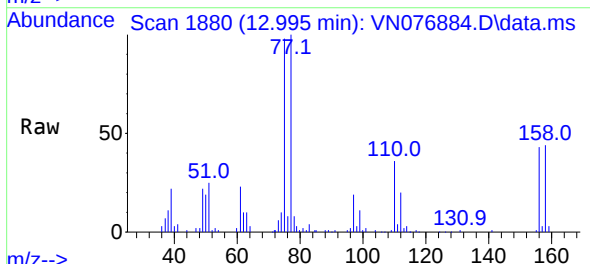
Tgt Ion: 83 Resp: 8864
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 61.5 32.3 96.9

Manual Integrations
APPROVED

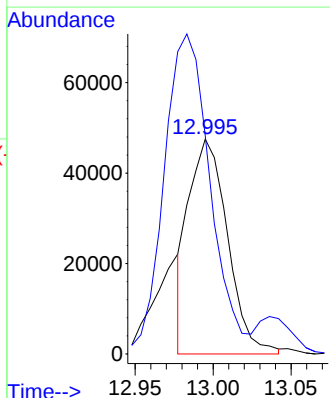
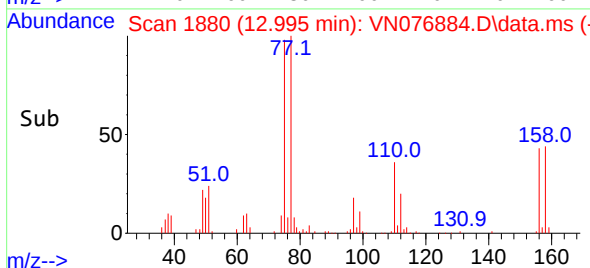
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

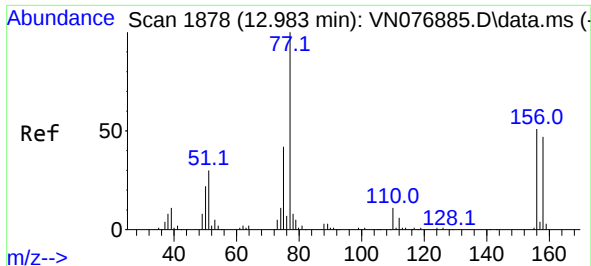


#72
1,2,3-Trichloropropane
Concen: 11.077 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 75 Resp: 81996
Ion Ratio Lower Upper
75 100
77 178.0 0.0 332.6





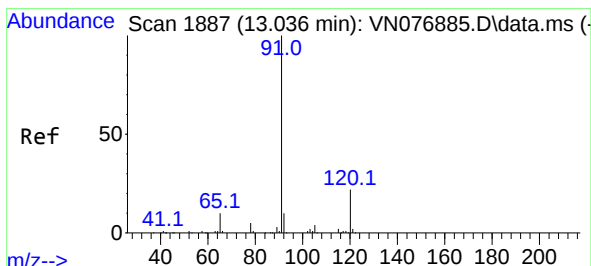
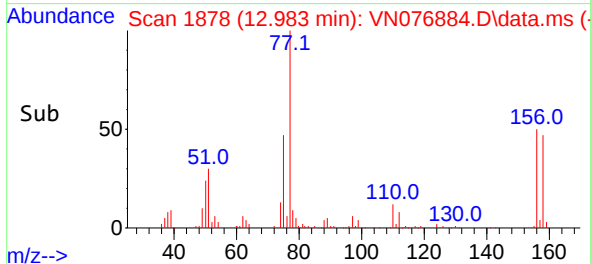
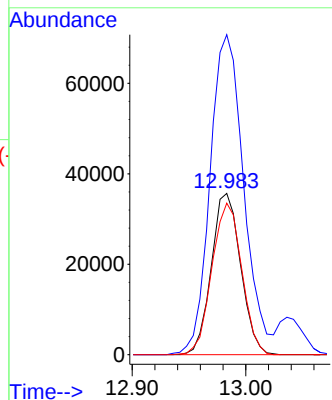
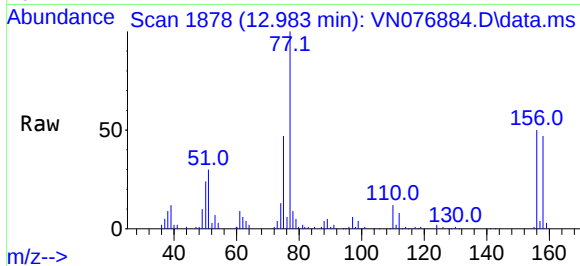
#73
Bromobenzene
Concen: 10.844 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 63849
Ion Ratio Lower Upper
156 100
77 228.6 0.0 423.0
158 95.6 0.0 188.6

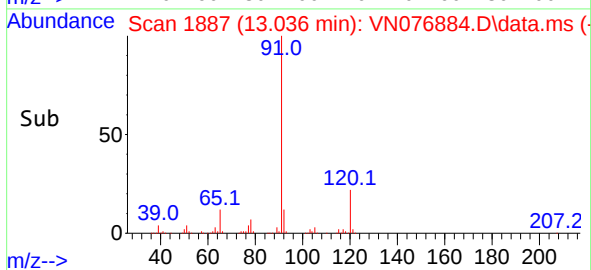
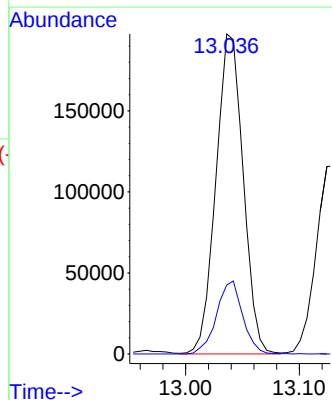
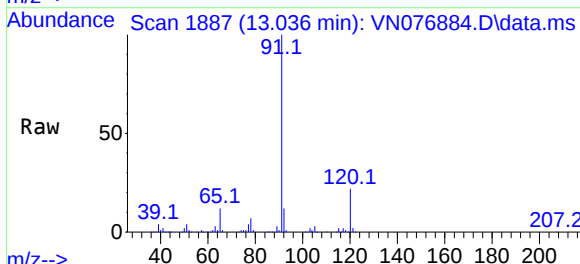
Manual Integrations
APPROVED

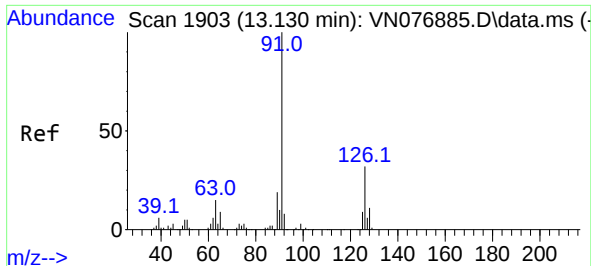
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#74
n-propylbenzene
Concen: 10.769 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion: 91 Resp: 329844
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0





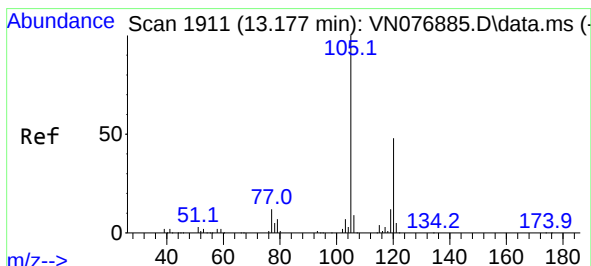
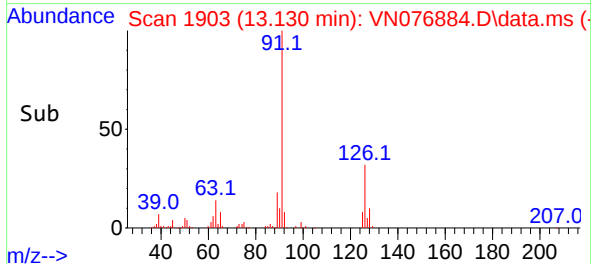
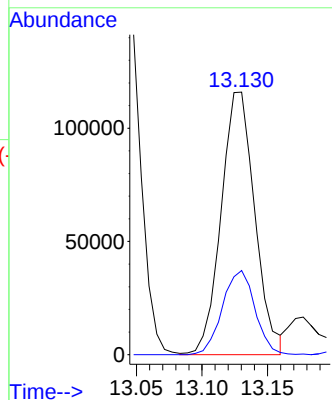
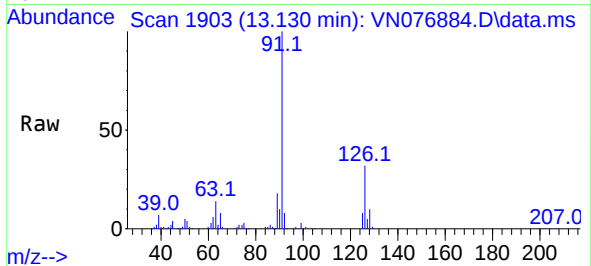
#75
2-Chlorotoluene
Concen: 11.301 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 207380
Ion Ratio Lower Upper
91 100
126 31.0 0.0 66.4

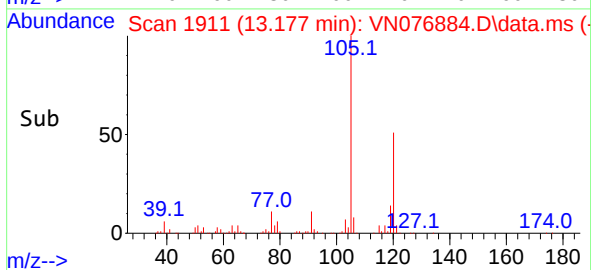
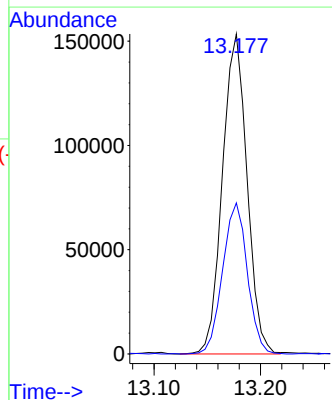
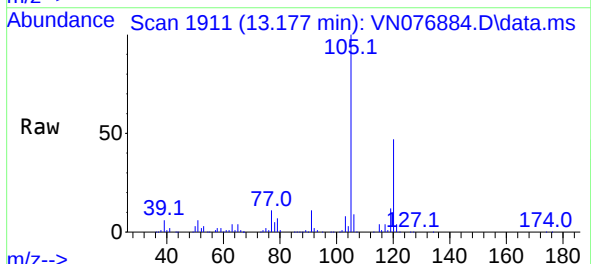
Manual Integrations
APPROVED

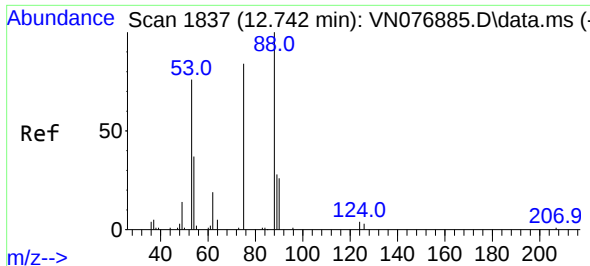
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 11.394 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

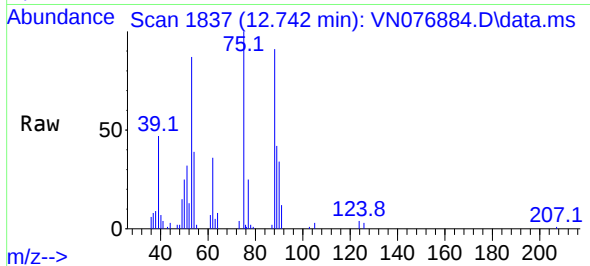
Tgt Ion:105 Resp: 245656
Ion Ratio Lower Upper
105 100
120 47.5 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 9.405 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

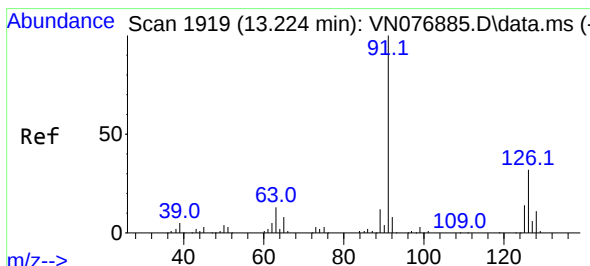
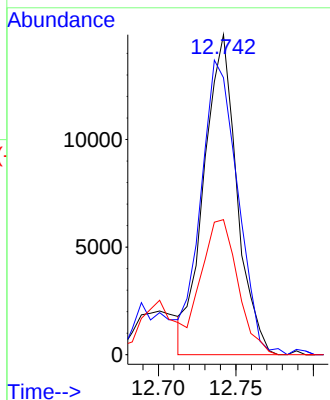
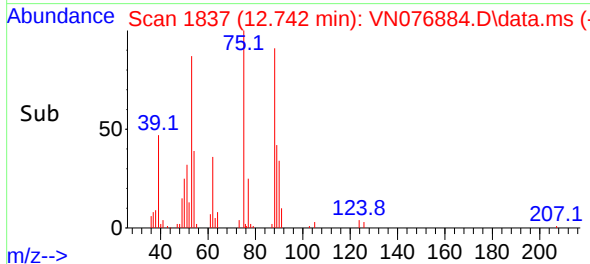
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



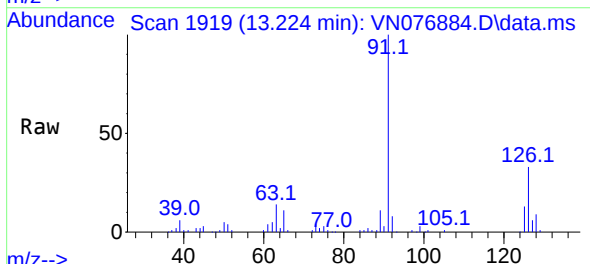
Tgt Ion: 75 Resp: 21950
Ion Ratio Lower Upper
75 100
53 84.6 50.4 151.3
89 42.2 22.1 66.5

Manual Integrations
APPROVED

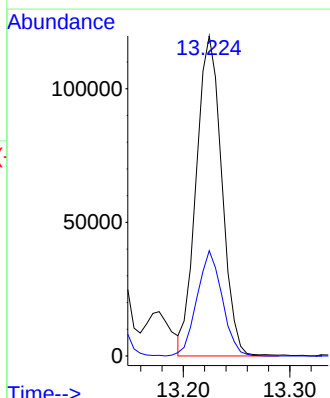
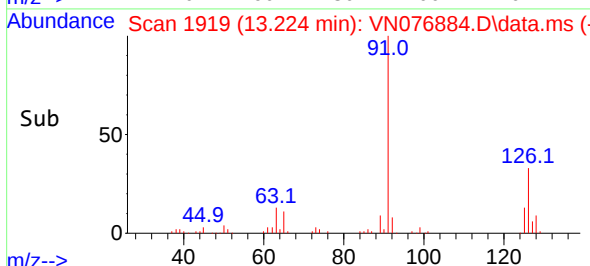
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

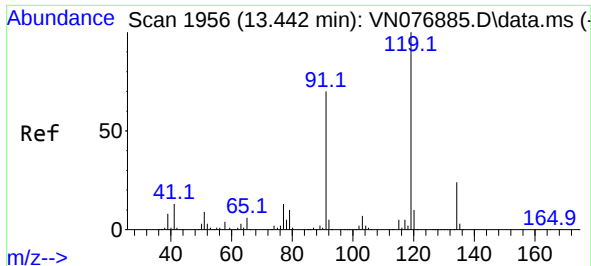


#78
4-Chlorotoluene
Concen: 11.362 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion: 91 Resp: 199708
Ion Ratio Lower Upper
91 100
126 32.4 0.0 70.6





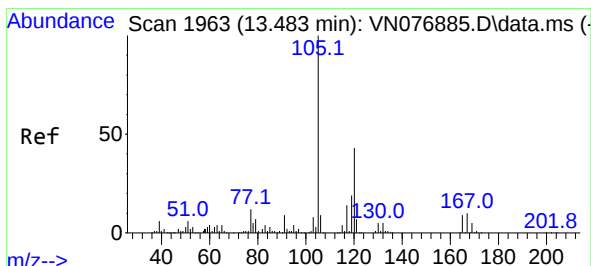
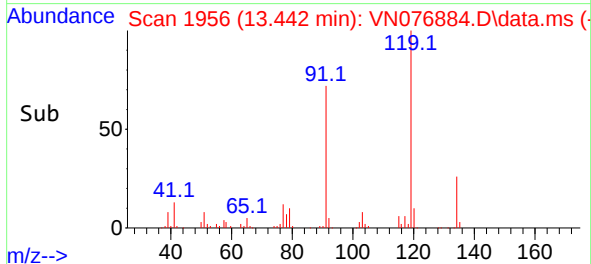
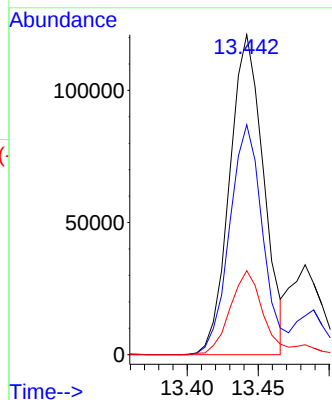
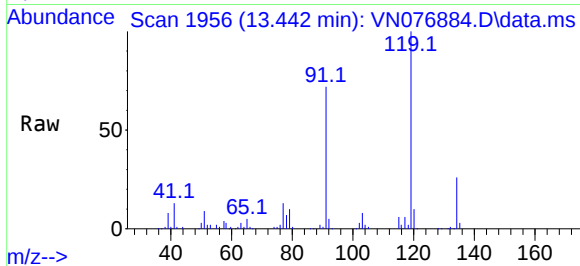
#79
tert-butylbenzene
Concen: 10.745 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 202004
Ion Ratio Lower Upper
119 100
91 70.6 0.0 129.6
134 25.2 0.0 47.8

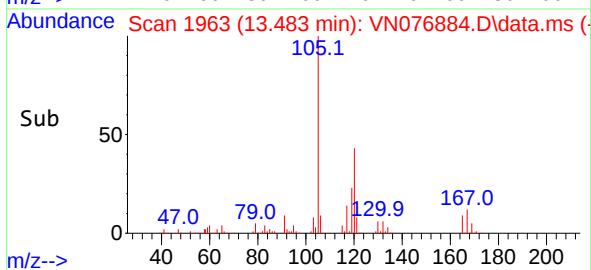
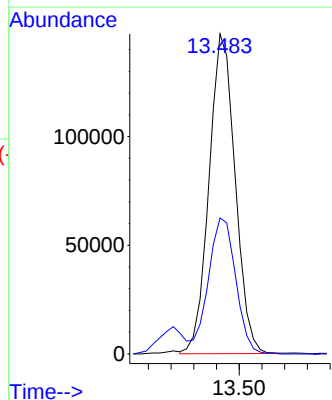
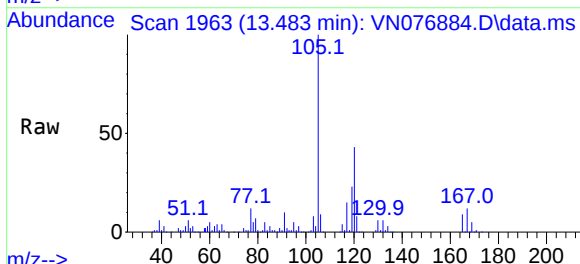
Manual Integrations
APPROVED

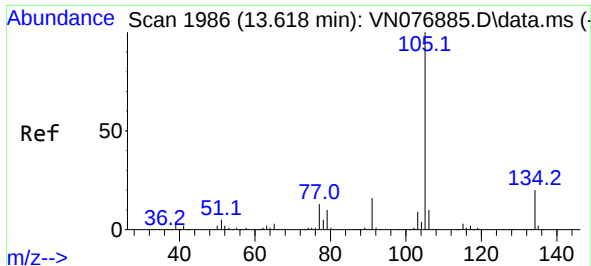
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 11.033 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion:105 Resp: 234812
Ion Ratio Lower Upper
105 100
120 44.9 0.0 93.2





#81
sec-Butylbenzene
Concen: 10.471 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

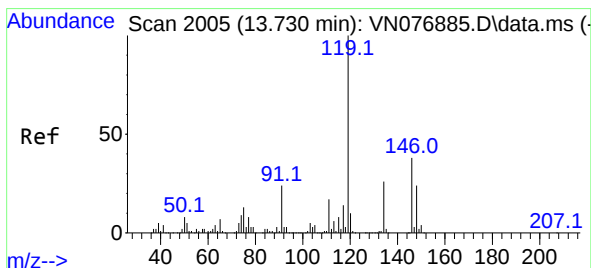
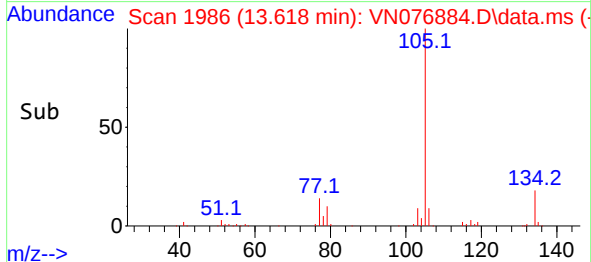
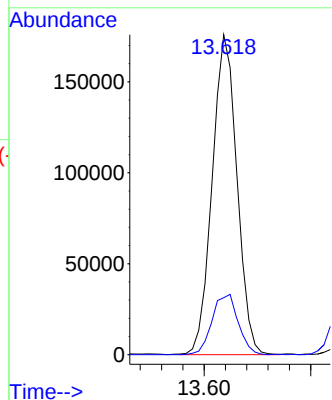
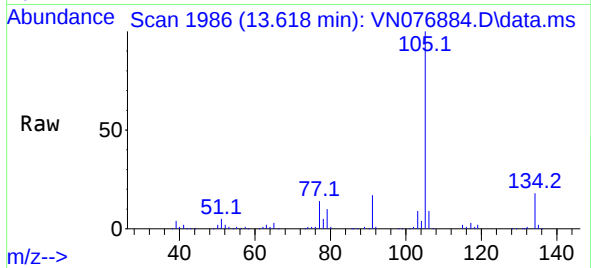
VSTDICC010

Tgt Ion:105 Resp: 283550
Ion Ratio Lower Upper
105 100
134 19.9 0.0 39.4

Manual Integrations

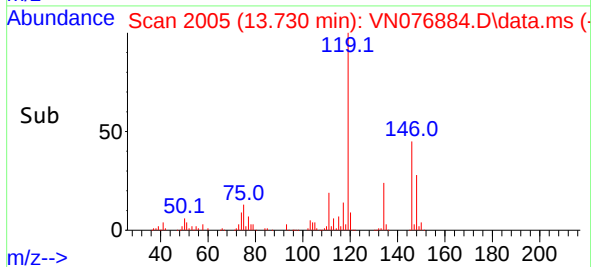
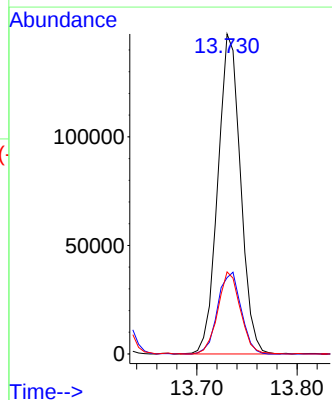
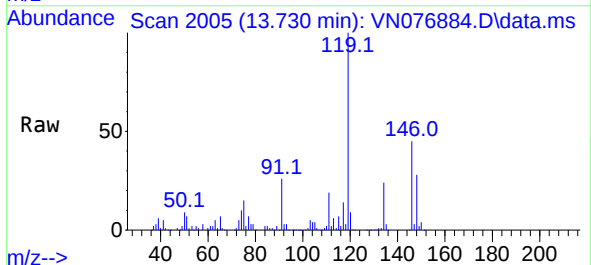
APPROVED

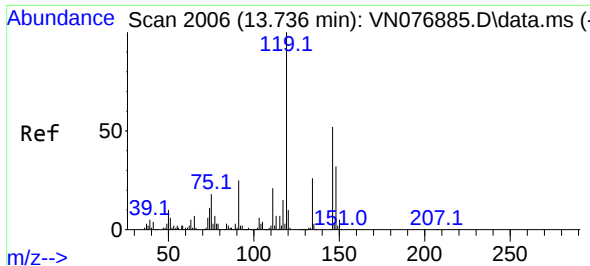
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#82
p-Isopropyltoluene
Concen: 10.551 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

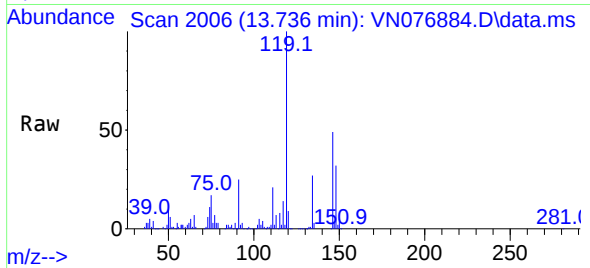
Tgt Ion:119 Resp: 231341
Ion Ratio Lower Upper
119 100
134 26.4 0.0 53.4
91 25.5 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 10.373 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

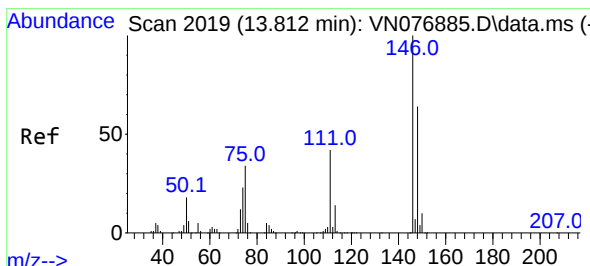
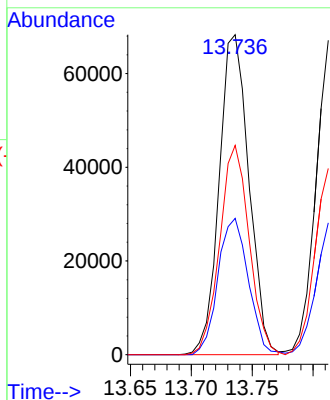
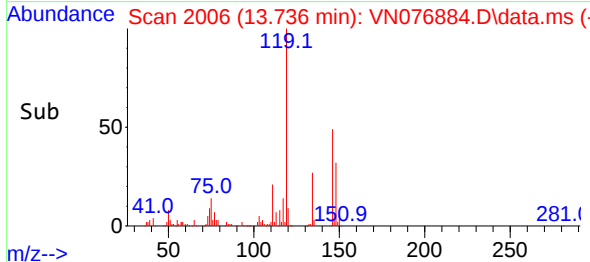
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



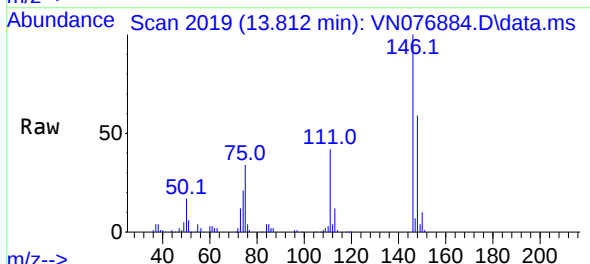
Tgt Ion:146 Resp: 116020
Ion Ratio Lower Upper
146 100
111 43.5 20.3 60.8
148 64.9 31.9 95.5

Manual Integrations
APPROVED

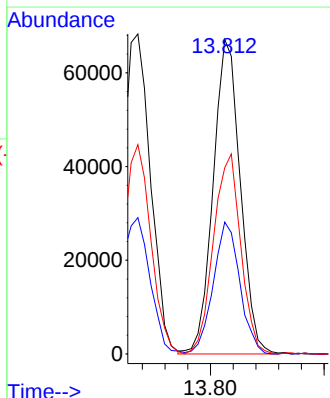
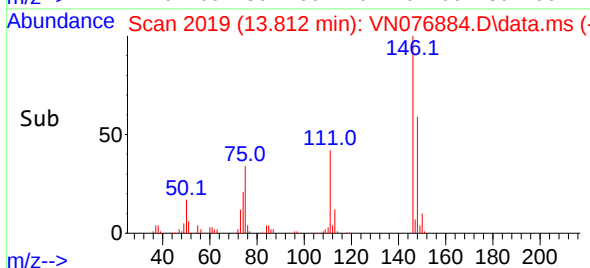
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

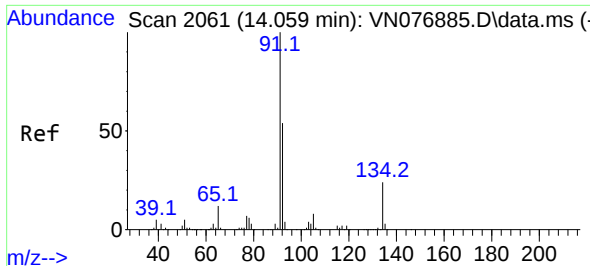


#84
1,4-Dichlorobenzene
Concen: 10.159 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion:146 Resp: 111395
Ion Ratio Lower Upper
146 100
111 41.0 18.2 54.6
148 63.9 31.1 93.2





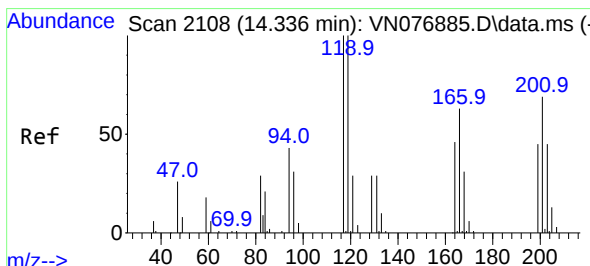
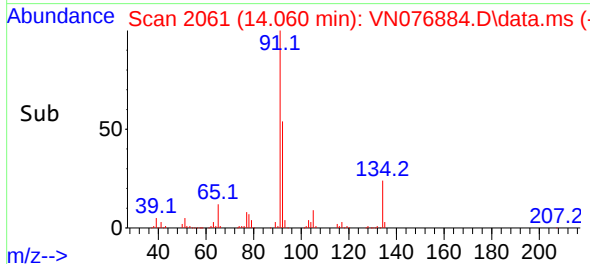
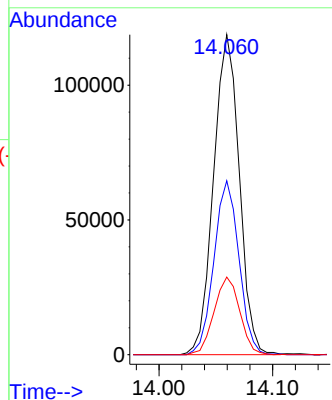
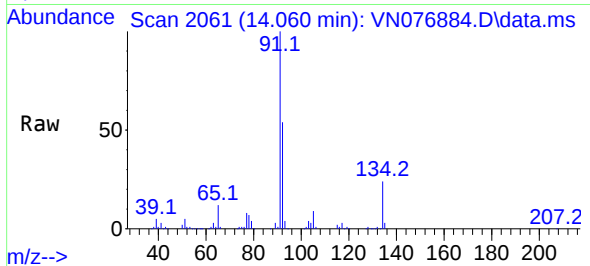
#85
n-Butylbenzene
Concen: 10.003 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 18666
Ion Ratio Lower Upper
91 100
92 52.9 0.0 103.2
134 24.2 0.0 50.0

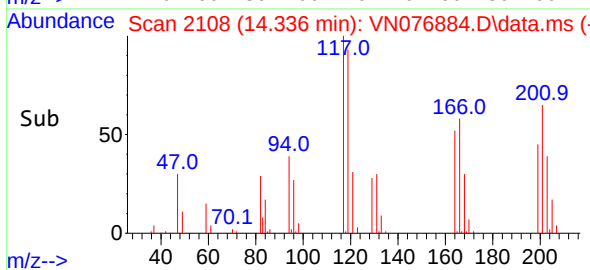
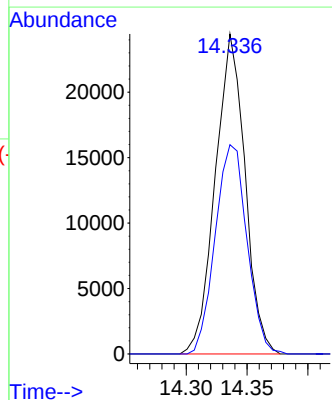
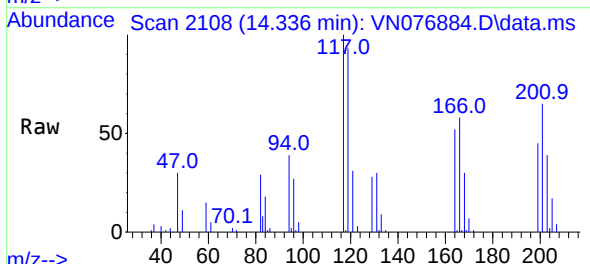
Manual Integrations
APPROVED

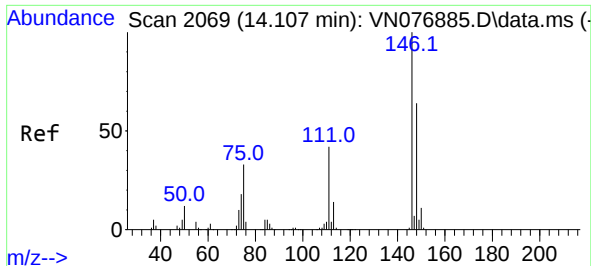
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#86
Hexachloroethane
Concen: 9.922 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion:117 Resp: 41521
Ion Ratio Lower Upper
117 100
201 69.9 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 10.356 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 11586

Ion Ratio Lower Upper

146 100

111 45.4 20.5 61.6

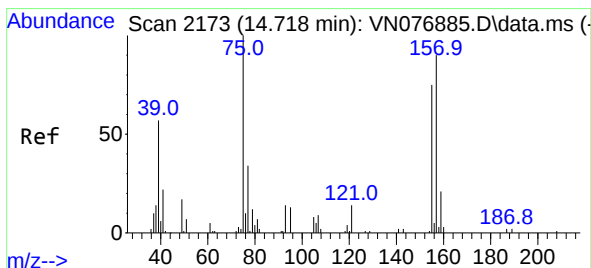
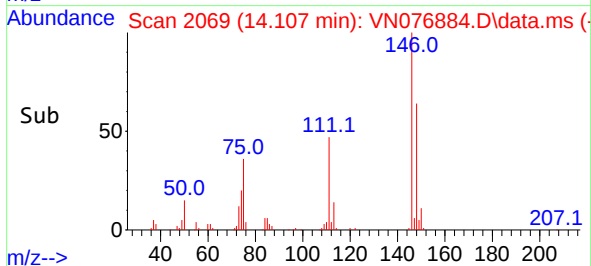
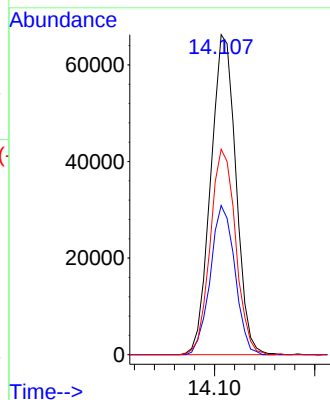
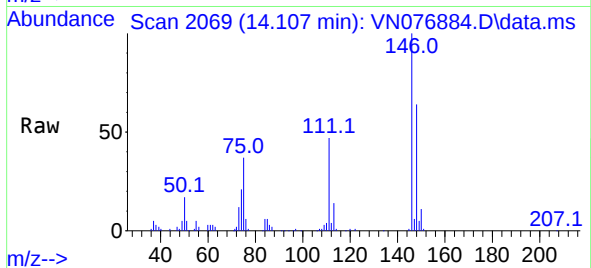
148 64.6 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 10.237 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

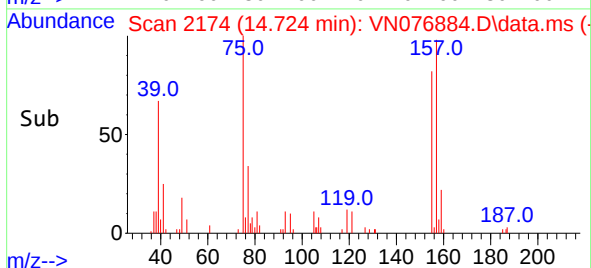
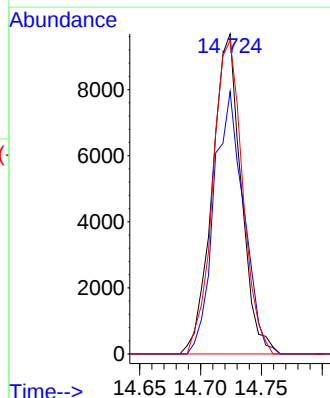
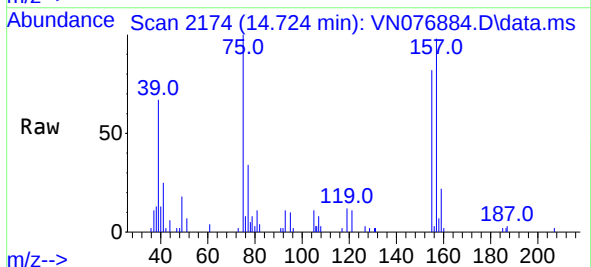
Tgt Ion: 75 Resp: 15957

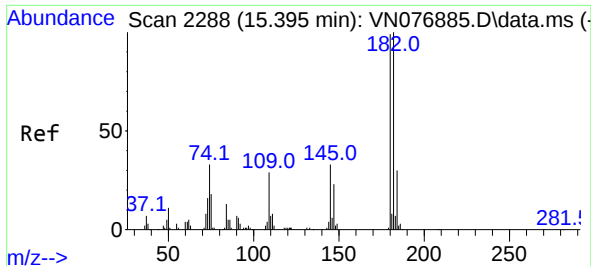
Ion Ratio Lower Upper

75 100

155 84.6 62.5 93.7

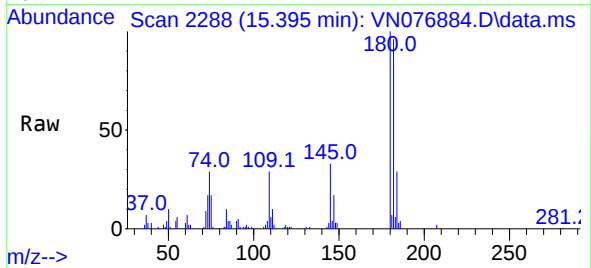
157 101.3 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 10.284 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

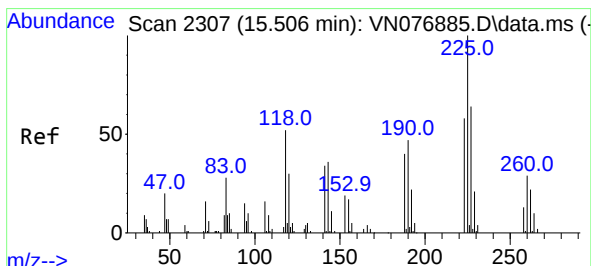
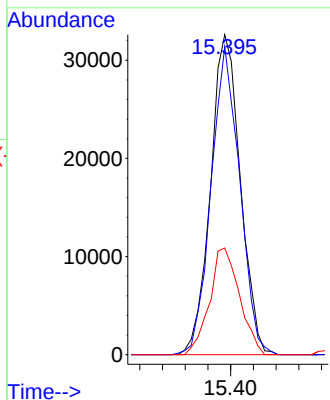
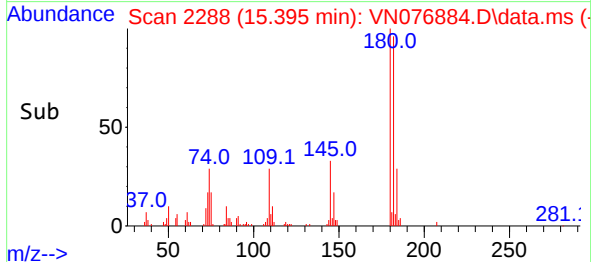
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



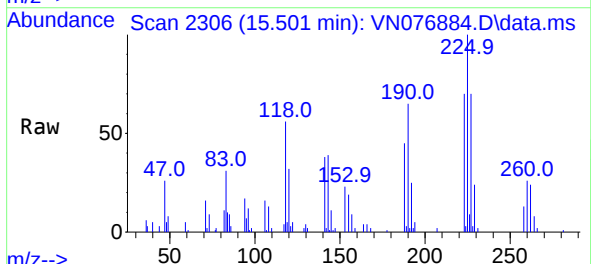
Tgt Ion:180 Resp: 5943
Ion Ratio Lower Upper
180 100
182 92.3 76.6 115.0
145 33.5 24.6 36.8

Manual Integrations
APPROVED

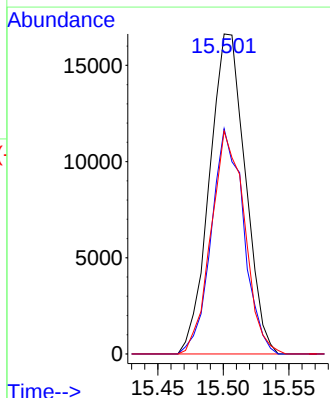
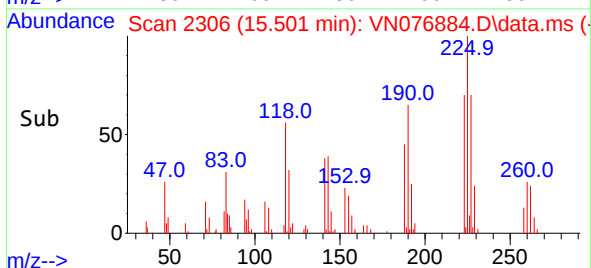
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

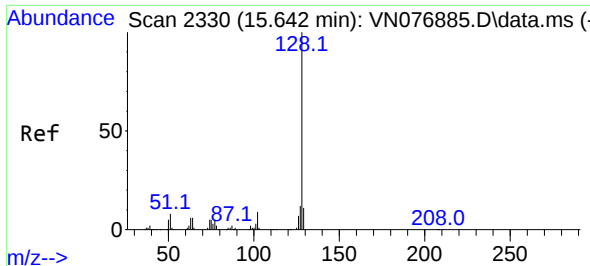


#90
Hexachlorobutadiene
Concen: 11.169 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23



Tgt Ion:225 Resp: 31520
Ion Ratio Lower Upper
225 100
223 63.5 0.0 135.4
227 65.1 0.0 129.4





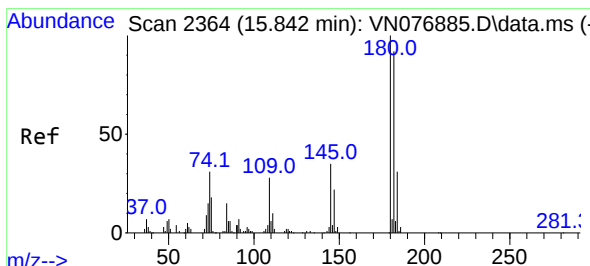
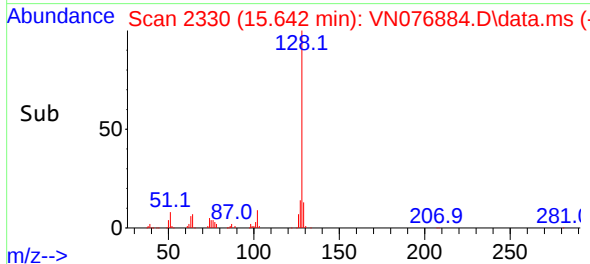
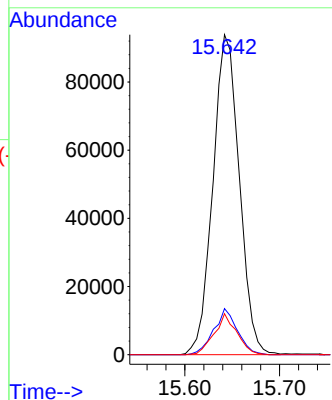
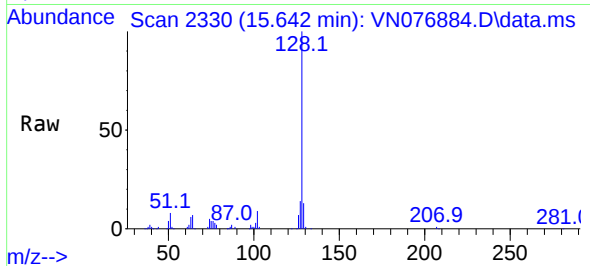
#91
Naphthalene
Concen: 9.814 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 18184
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.6
129 10.9 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: 9.835 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076884.D
Acq: 08 Mar 2023 18:23

Tgt Ion:180 Resp: 57796
Ion Ratio Lower Upper
180 100
182 95.8 0.0 190.8
145 36.8 0.0 65.0

