

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076883.D
 Acq On : 08 Mar 2023 17:59
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 09 03:47:08 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.819	128	48943	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	327368	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	359503	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	128620	28.506	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.033%		
60) 4-Bromofluorobenzene	12.854	95	197519	30.771	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.567%		
63) Toluene-d8	10.571	98	380621	30.214	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	31035	5.703	ug/l	98
3) Chloromethane	2.378	50	31604	5.046	ug/l	93
4) Vinyl Chloride	2.531	62	27676	4.252	ug/l #	85
5) Bromomethane	2.972	94	20414	4.521	ug/l	99
6) Chloroethane	3.137	64	17446	4.184	ug/l #	85
7) Trichlorofluoromethane	3.513	101	53673	6.109	ug/l	95
8) Diethyl Ether	3.972	74	19154m	5.550	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.384	101	29001	5.490	ug/l	81
10) 1,1-Dichloroethene	4.360	96	28078	5.639	ug/l	82
11) Methyl Iodide	4.607	142	29671	4.940	ug/l	98
12) Methyl Acetate	5.048	43	45179	4.636	ug/l	94
13) Acrolein	4.195	56	33301	27.330	ug/l	100
14) Acrylonitrile	5.736	53	76602	25.359	ug/l	94
15) Acetone	4.442	58	20671	21.871	ug/l #	63
16) Carbon Disulfide	4.725	76	78336	5.627	ug/l	98
17) Allyl chloride	5.042	41	41554	4.836	ug/l	93
18) Methylene Chloride	5.284	84	35189m	5.693	ug/l	
19) trans-1,2-Dichloroethene	5.801	96	28983	5.269	ug/l	87
20) Diisopropyl ether	6.678	45	91601	4.543	ug/l	91
21) 1,1-Dichloroethane	6.578	63	56073	5.209	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	32513	5.191	ug/l	99
23) tert-Butyl Alcohol	5.542	59	22821m	26.295	ug/l	
24) Methyl tert-Butyl Ether	5.807	73	87123m	5.120	ug/l	
25) Chloroform	7.972	83	60730	5.752	ug/l	97
26) Cyclohexane	8.260	56	49093	5.066	ug/l #	97
29) 1,1-Dichloropropene	8.383	75	41686	5.575	ug/l	98
30) 2-Butanone	7.495	43	95336	22.937	ug/l	94
31) 2,2-Dichloropropane	7.501	77	40406	5.189	ug/l #	62
32) 1,1,1-Trichloroethane	8.178	97	47757	5.477	ug/l	96
33) Carbon Tetrachloride	8.372	117	44306	5.846	ug/l	93
34) Benzene	8.613	78	130162	5.473	ug/l	95
35) Methacrylonitrile	7.783	41	21519	4.665	ug/l	97
36) 1,2-Dichloroethane	8.677	62	43863	5.508	ug/l	96
37) Trichloroethene	9.354	130	31602	5.656	ug/l	94
38) Methylcyclohexane	9.601	83	49246	5.194	ug/l	97
39) 1,2-Dichloropropane	9.624	63	33923	5.506	ug/l	93
40) Dibromomethane	9.713	93	21464	5.468	ug/l	88
41) Bromodichloromethane	9.889	83	43486	5.504	ug/l	93
42) Vinyl Acetate	6.619	43	282638	23.001	ug/l	97

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 03:47:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	37931	4.734	ug/l	# 93
44) Isopropyl Acetate	8.695	43	59996m	4.524	ug/l	
45) 1,4-Dioxane	9.701	88	10370	93.072	ug/l	# 84
46) Methyl methacrylate	9.683	41	29912	4.892	ug/l	91
47) n-amyl Acetate	12.495	43	47349	4.127	ug/l	92
48) t-1,3-Dichloropropene	10.842	75	42003	5.268	ug/l	91
49) cis-1,3-Dichloropropene	10.313	75	47205	5.160	ug/l	89
50) 1,1,2-Trichloroethane	11.019	97	32864	5.755	ug/l	88
51) Ethyl methacrylate	10.877	69	41747	5.029	ug/l	90
52) 1,3-Dichloropropane	11.166	76	54503	5.550	ug/l	99
53) Dibromochloromethane	11.360	129	31477	5.410	ug/l	99
54) 1,2-Dibromoethane	11.471	107	29295	5.302	ug/l	96
55) 2-Chloroethyl vinyl ether	10.166	63	72278	20.399	ug/l	98
56) Bromoform	12.583	173	19981	5.029	ug/l	# 39
58) 4-Methyl-2-Pentanone	10.448	43	196473	23.715	ug/l	# 91
59) 2-Hexanone	11.201	43	137586	22.537	ug/l	92
61) Tetrachloroethene	11.107	164	30099	6.319	ug/l	96
62) Toluene	10.636	91	137157	5.478	ug/l	98
64) Chlorobenzene	11.895	112	79883	5.411	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	30360	5.572	ug/l	96
66) Ethyl Benzene	11.966	91	138920	5.202	ug/l	98
67) m/p-Xylenes	12.077	106	104495	10.123	ug/l	92
68) o-Xylene	12.401	106	51708	5.091	ug/l	99
69) Styrene	12.413	104	80989	4.961	ug/l	100
70) Isopropylbenzene	12.695	105	130841	5.033	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	44516	5.331	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	40448m	5.391	ug/l	
73) Bromobenzene	12.983	156	31229	5.232	ug/l	91
74) n-propylbenzene	13.036	91	149604	4.818	ug/l	100
75) 2-Chlorotoluene	13.130	91	97663	5.250	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	112015	5.126	ug/l	93
77) t-1,4-Dichloro-2-butene	12.736	75	11361	4.802	ug/l	93
78) 4-Chlorotoluene	13.224	91	92541	5.194	ug/l	95
79) tert-butylbenzene	13.442	119	95279	5.000	ug/l	96
80) 1,2,4-Trimethylbenzene	13.489	105	110953	5.143	ug/l	97
81) sec-Butylbenzene	13.618	105	132452	4.825	ug/l	99
82) p-Isopropyltoluene	13.730	119	101728	4.577	ug/l	96
83) 1,3-Dichlorobenzene	13.736	146	57590	5.080	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	54244	4.880	ug/l	97
85) n-Butylbenzene	14.059	91	81682	4.318	ug/l	97
86) Hexachloroethane	14.336	117	19777	4.662	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	57707	5.088	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.724	75	7982	5.052	ug/l	100
89) 1,2,4-Trichlorobenzene	15.395	180	25542	4.360	ug/l	94
90) Hexachlorobutadiene	15.501	225	15878	5.550	ug/l	88
91) Naphthalene	15.642	128	80113	4.265	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	27469	4.611	ug/l	97

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

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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC005

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/09/2023

Supervised By : Mahesh Dadoda 03/09/2023

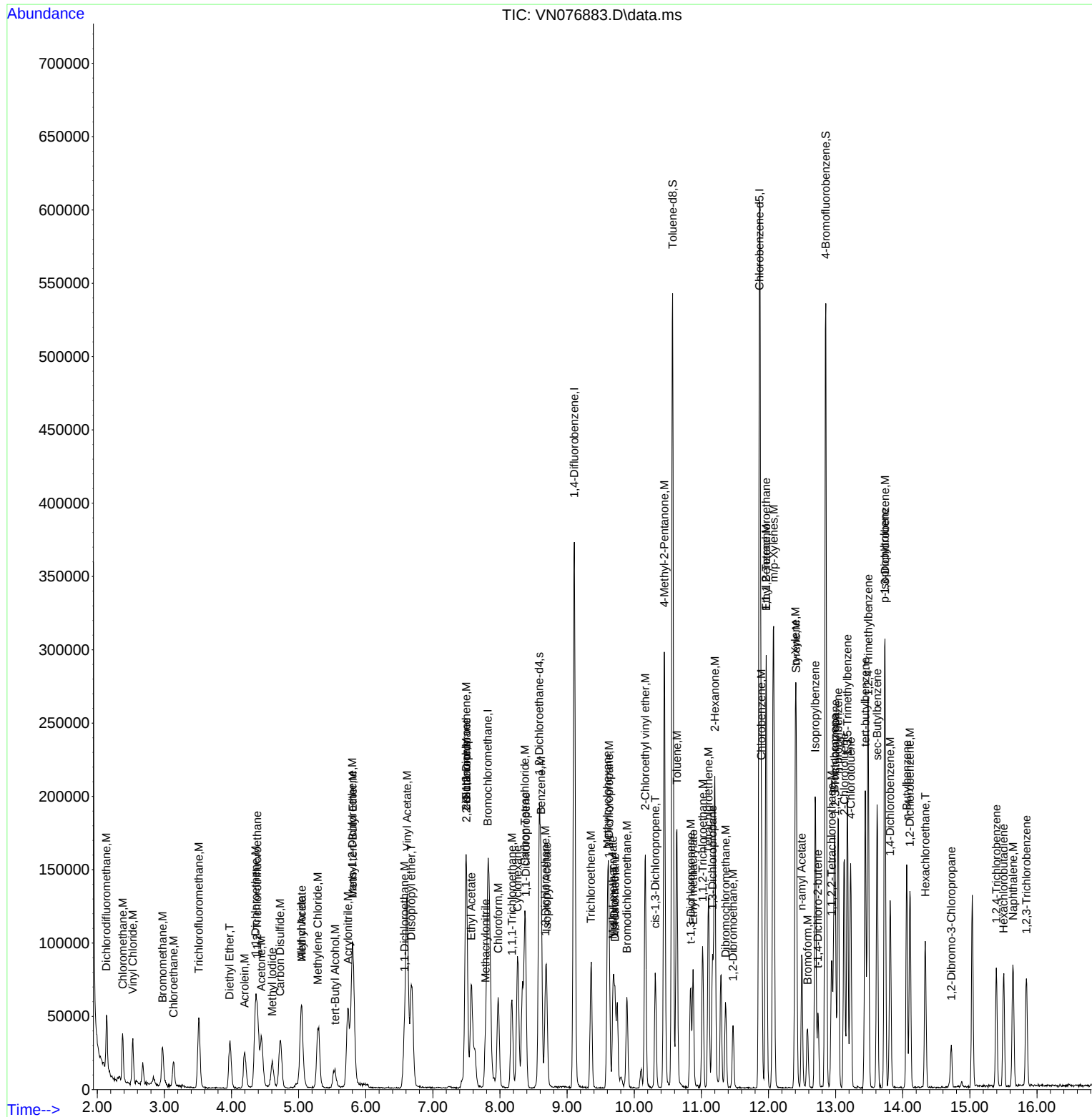
Quant Time: Mar 09 03:47:08 2023

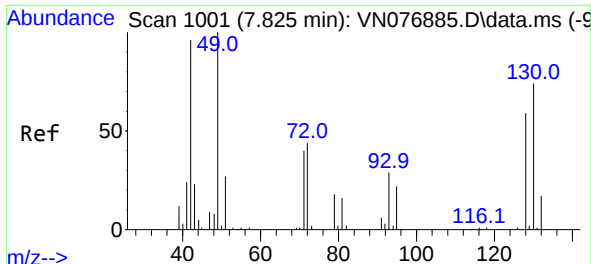
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu Mar 09 03:46:27 2023

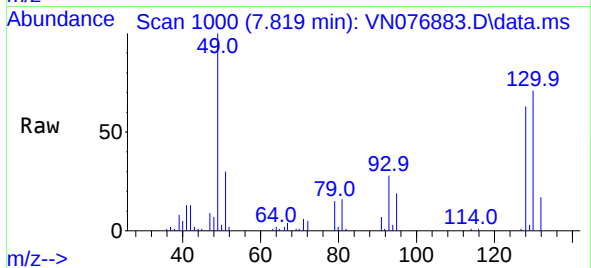
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

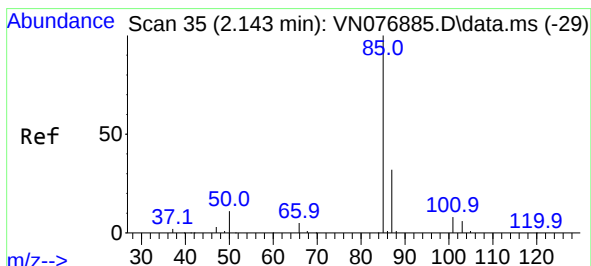
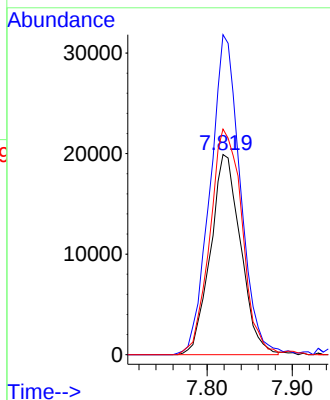
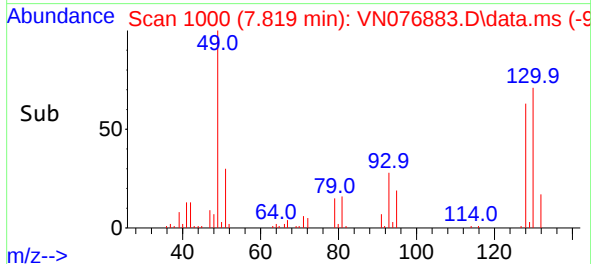
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 4894
Ion Ratio Lower Upper
128 100
49 160.5 0.0 461.8
130 120.3 0.0 295.3

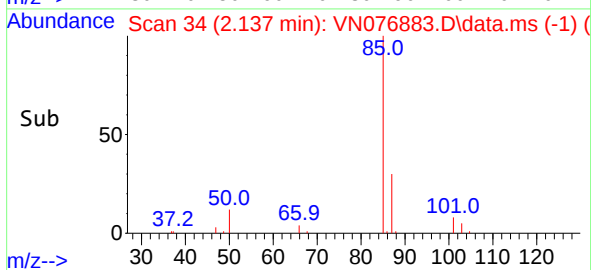
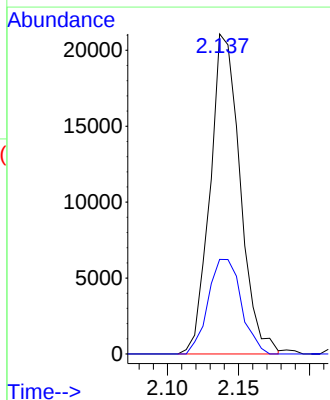
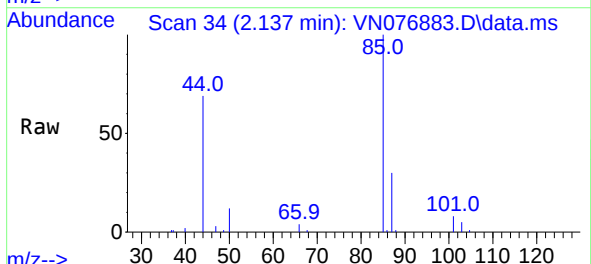
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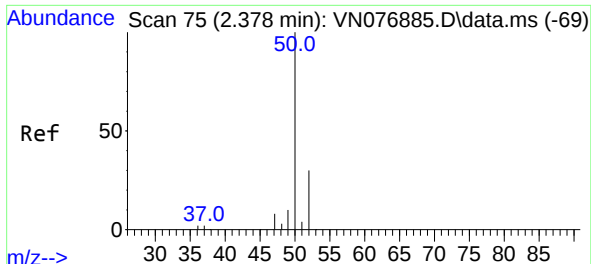
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#2
Dichlorodifluoromethane
Concen: 5.703 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 85 Resp: 31035
Ion Ratio Lower Upper
85 100
87 29.6 15.4 46.1





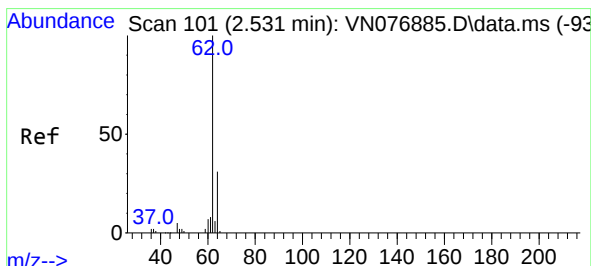
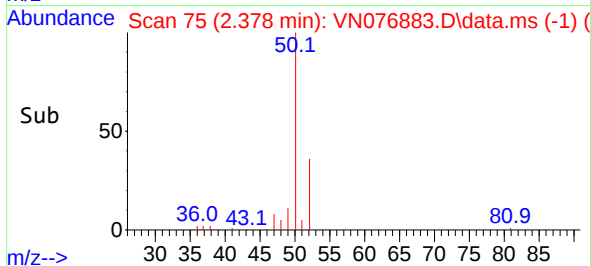
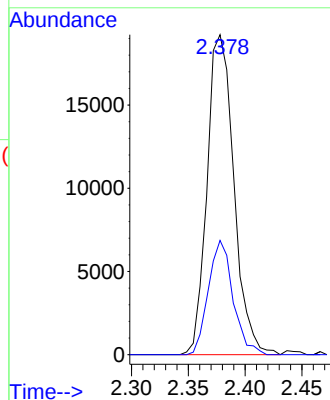
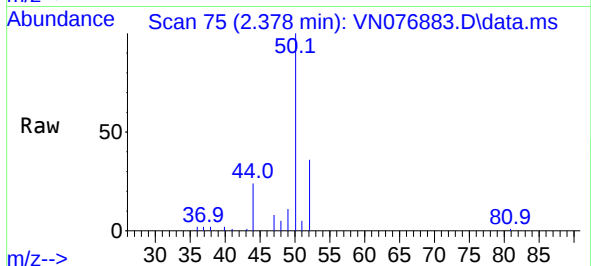
#3
Chloromethane
Concen: 5.046 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 31604
Ion Ratio Lower Upper
50 100
52 35.7 25.3 37.9

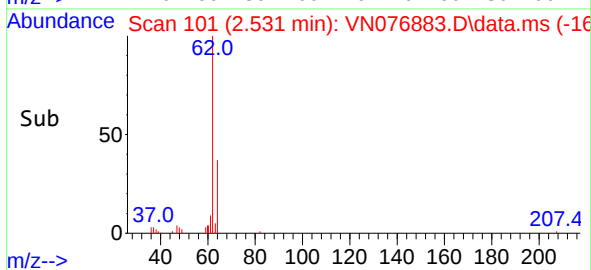
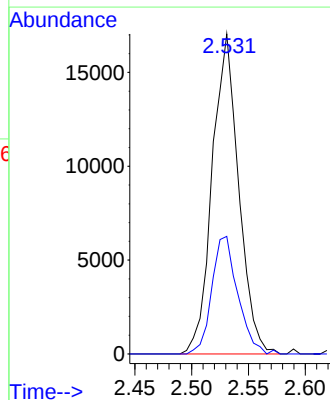
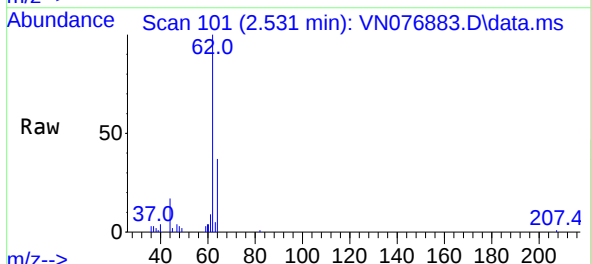
Manual Integrations
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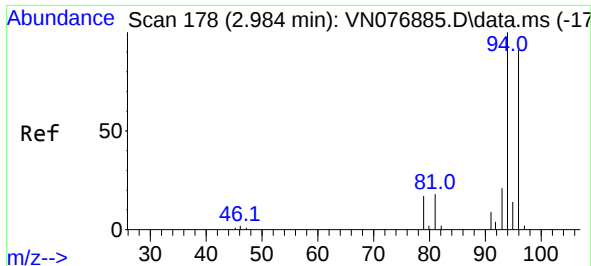
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#4
Vinyl Chloride
Concen: 4.252 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 62 Resp: 27676
Ion Ratio Lower Upper
62 100
64 36.8 23.1 34.7





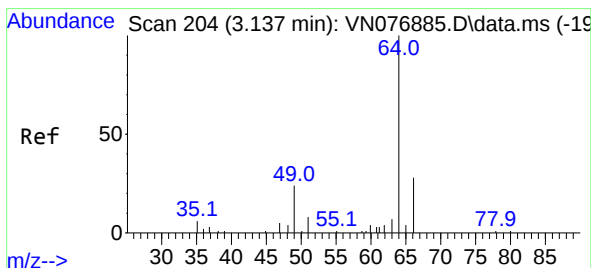
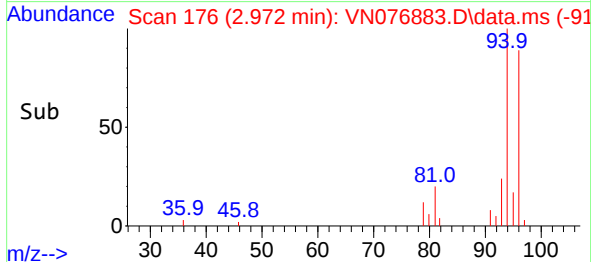
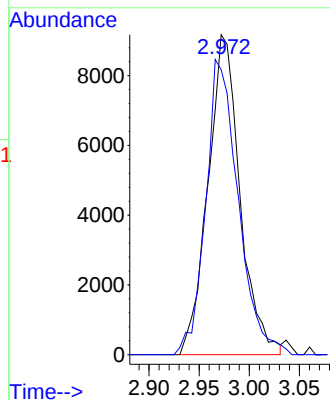
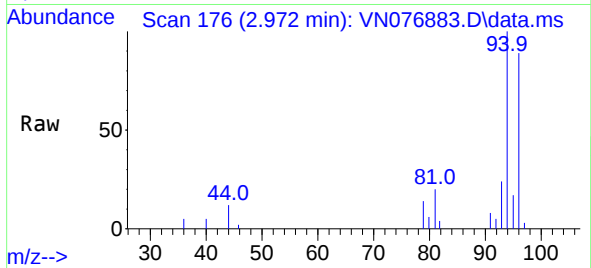
#5
Bromomethane
Concen: 4.521 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 20414
Ion Ratio Lower Upper
94 100
96 86.8 68.6 103.0

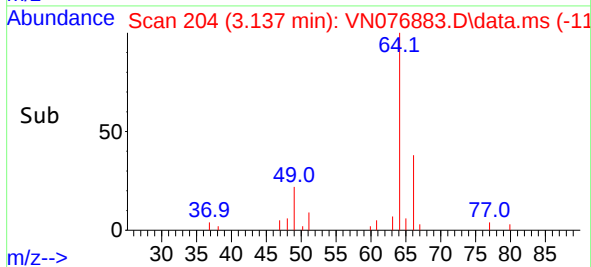
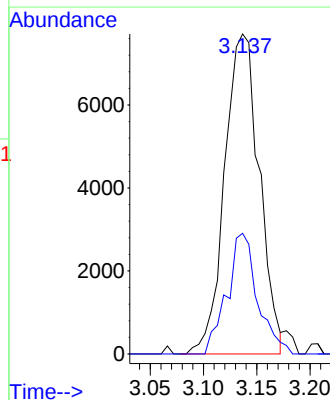
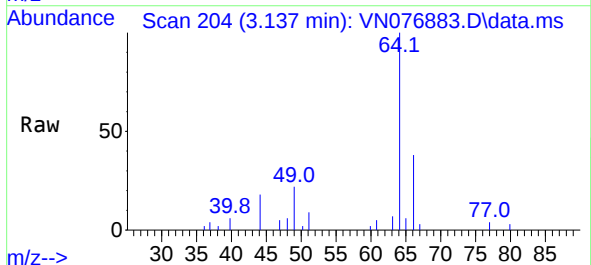
Manual Integrations
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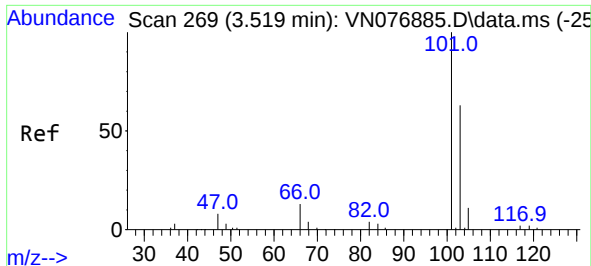
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#6
Chloroethane
Concen: 4.184 ug/l
RT: 3.137 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 64 Resp: 17446
Ion Ratio Lower Upper
64 100
66 37.7 23.8 35.6#





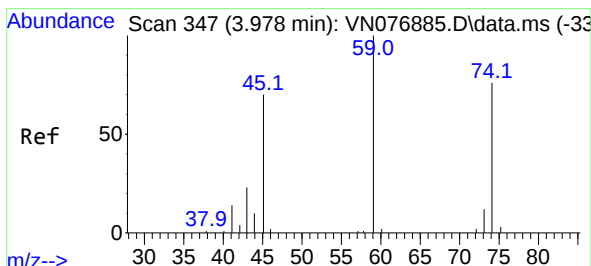
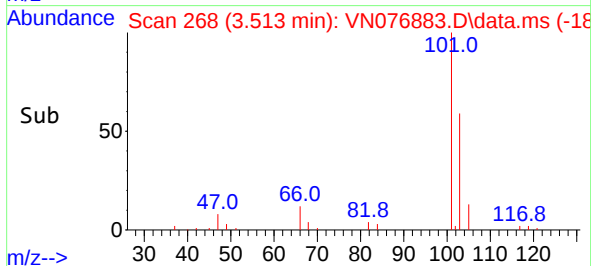
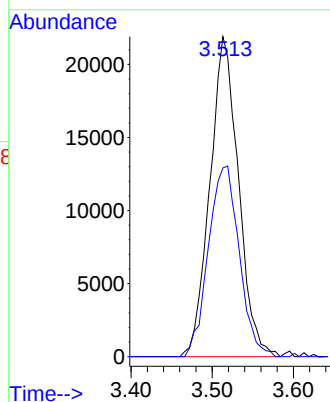
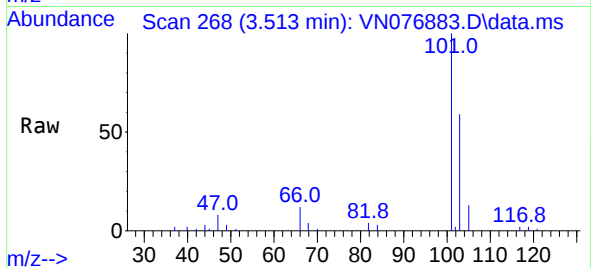
#7
Trichlorofluoromethane
Concen: 6.109 ug/l
RT: 3.513 min Scan# 268
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 5367
Ion Ratio Lower Upper
101 100
103 59.0 50.2 75.2

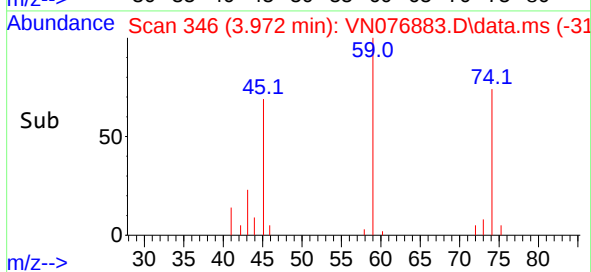
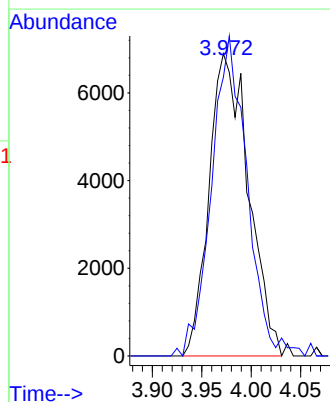
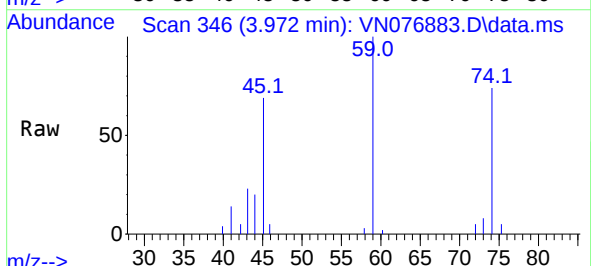
Manual Integrations
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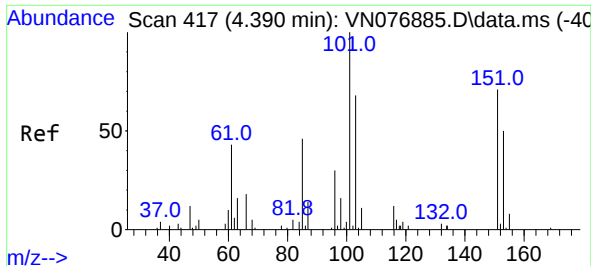
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#8
Diethyl Ether
Concen: 5.550 ug/l m
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 74 Resp: 19154
Ion Ratio Lower Upper
74 100
45 93.1 21.4 193.0





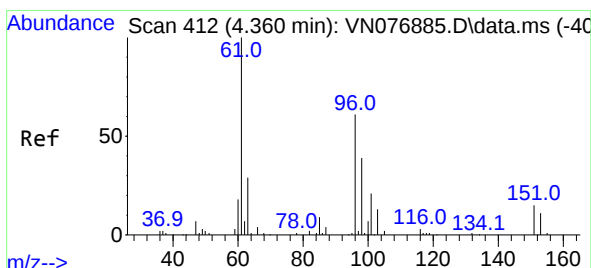
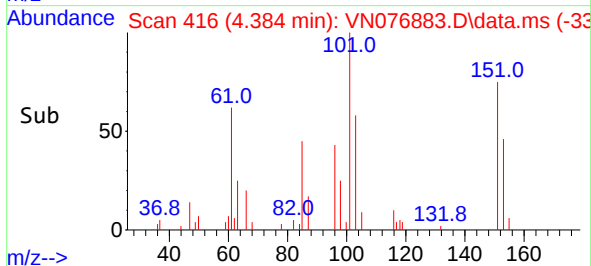
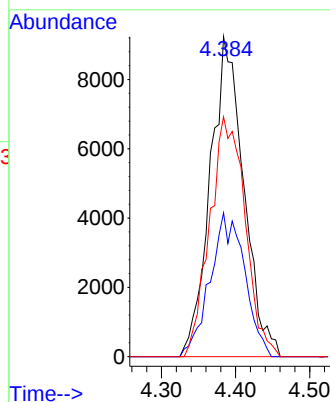
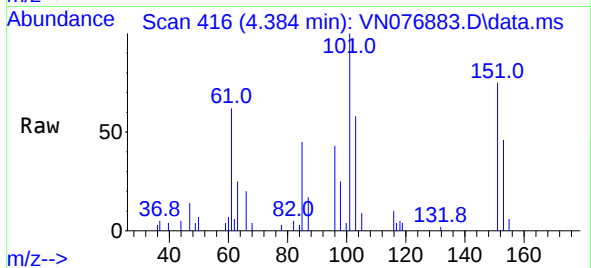
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.490 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2900
Ion Ratio Lower Upper
101 100
85 25.3 0.0 95.2
151 78.9 0.0 142.2

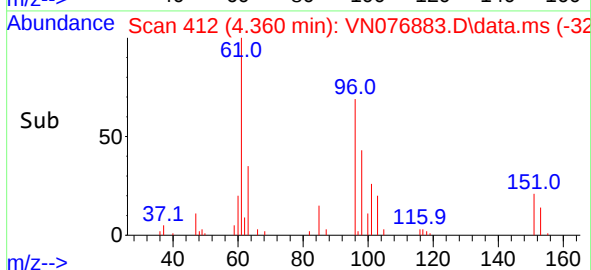
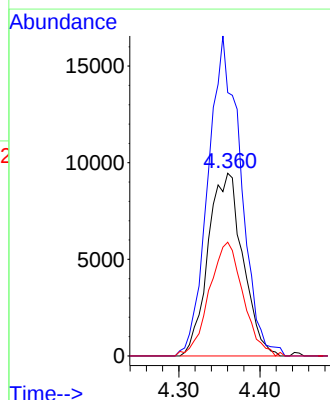
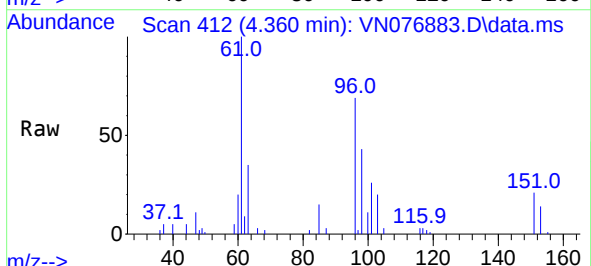
Manual Integrations
APPROVED

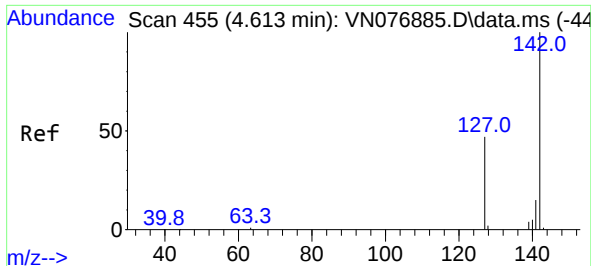
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
1,1-Dichloroethene
Concen: 5.639 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 96 Resp: 28078
Ion Ratio Lower Upper
96 100
61 141.3 137.1 205.7
98 60.3 53.2 79.8





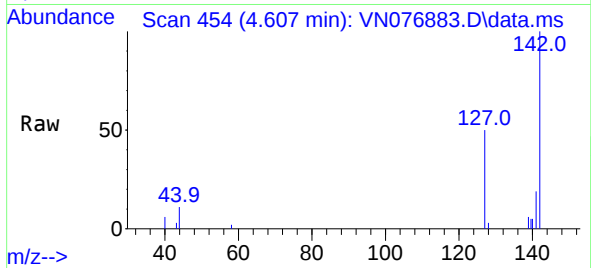
#11
Methyl Iodide
Concen: 4.940 ug/l
RT: 4.607 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



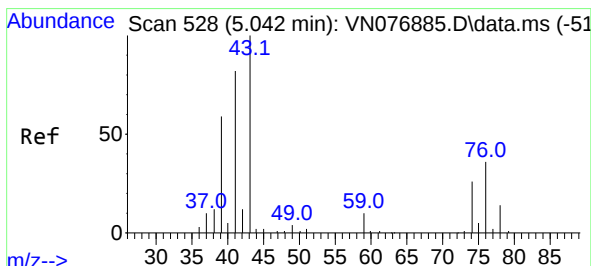
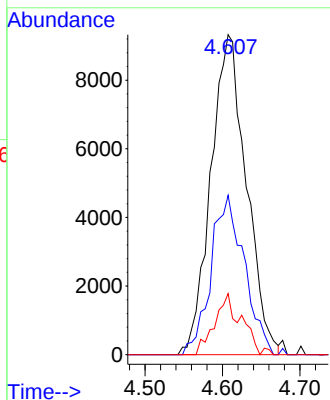
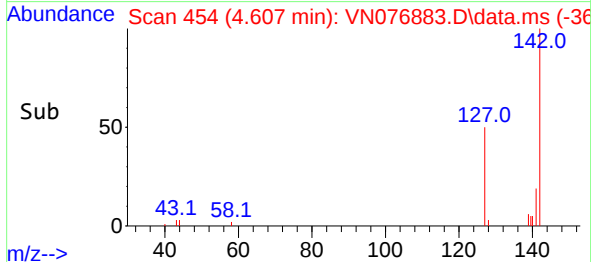
Tgt Ion:142 Resp: 2967
Ion Ratio Lower Upper
142 100
127 50.5 25.0 75.0
141 17.9 8.0 24.0

Manual Integrations

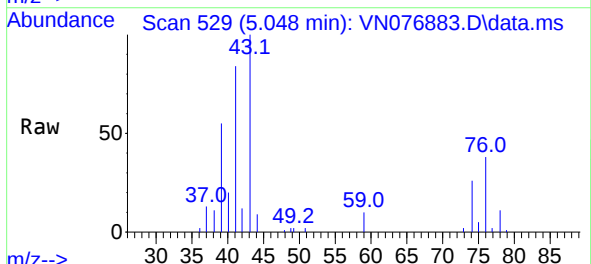
APPROVED

Reviewed By :John Carlone 03/09/2023

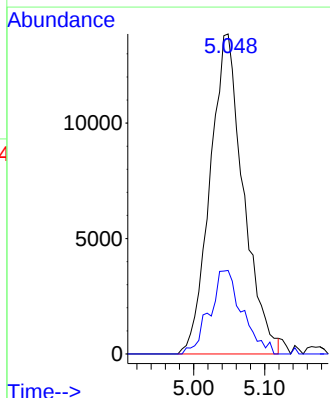
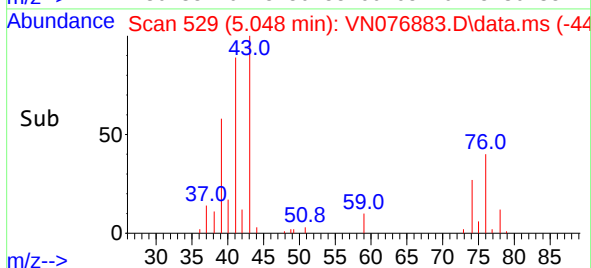
Supervised By :Mahesh Dadoda 03/09/2023

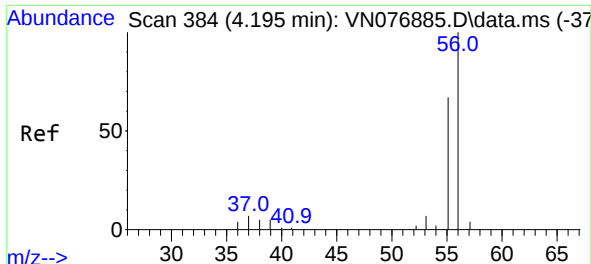


#12
Methyl Acetate
Concen: 4.636 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



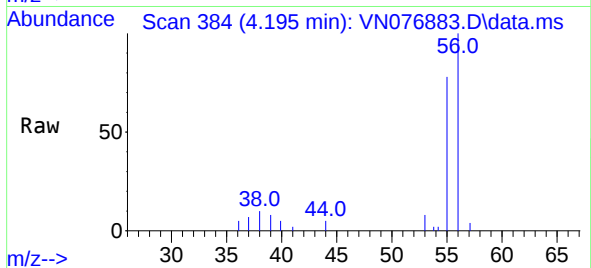
Tgt Ion: 43 Resp: 45179
Ion Ratio Lower Upper
43 100
74 26.7 19.0 28.4





#13
Acrolein
Concen: 27.330 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

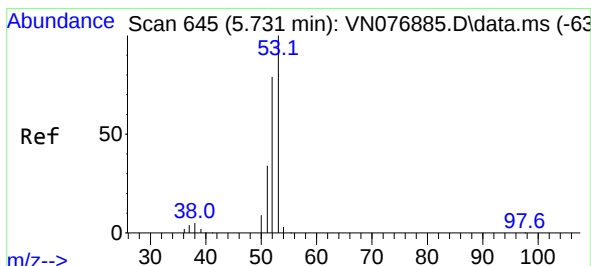
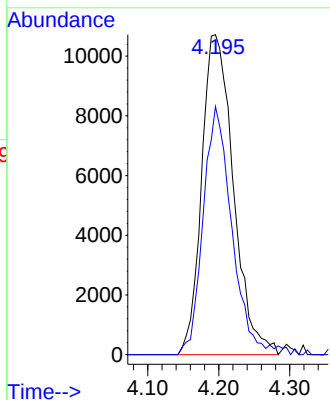
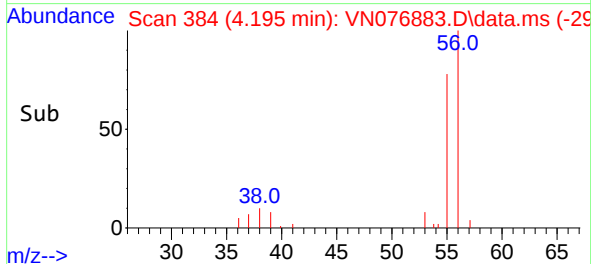
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



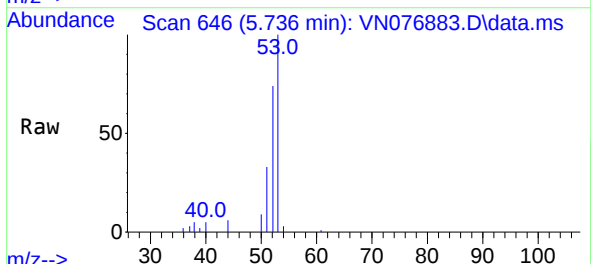
Tgt Ion: 56 Resp: 3330
Ion Ratio Lower Upper
56 100
55 69.1 55.0 82.4

Manual Integrations
APPROVED

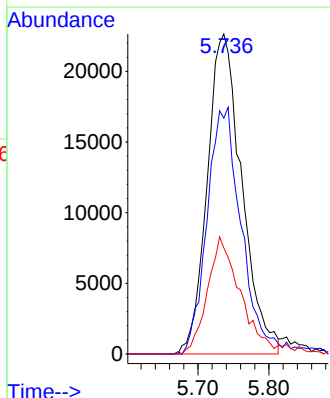
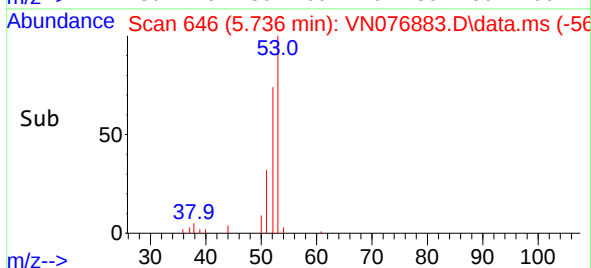
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

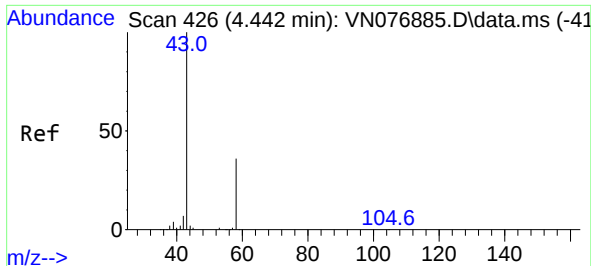


#14
Acrylonitrile
Concen: 25.359 ug/l
RT: 5.736 min Scan# 646
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion: 53 Resp: 76602
Ion Ratio Lower Upper
53 100
52 75.8 41.5 124.6
51 34.6 17.6 52.8





#15

Acetone

Concen: 21.871 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN076883.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 2067

Ion Ratio Lower Upper

58 100

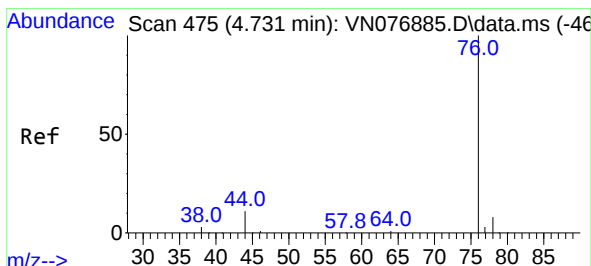
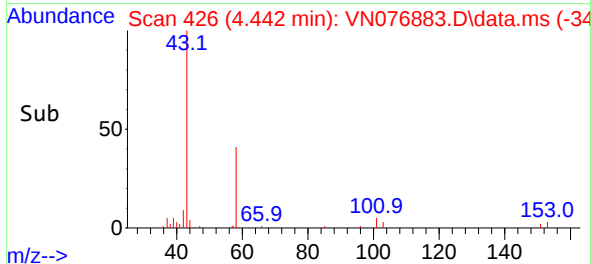
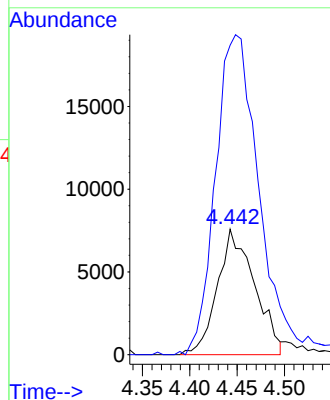
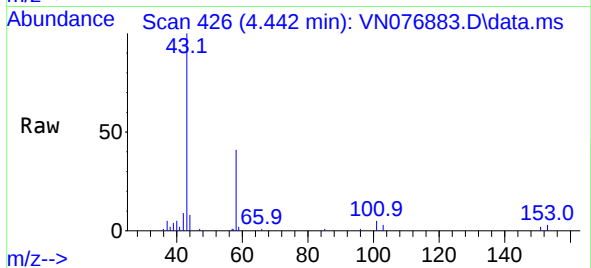
43 244.1 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#16

Carbon Disulfide

Concen: 5.627 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.006 min

Lab File: VN076883.D

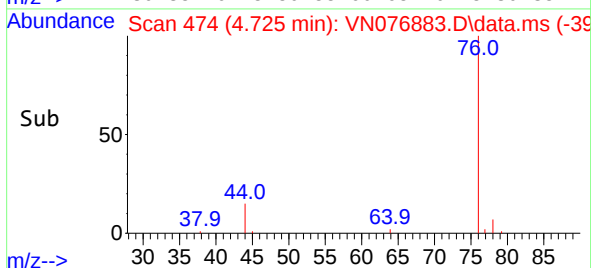
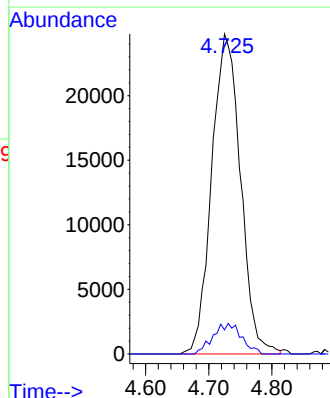
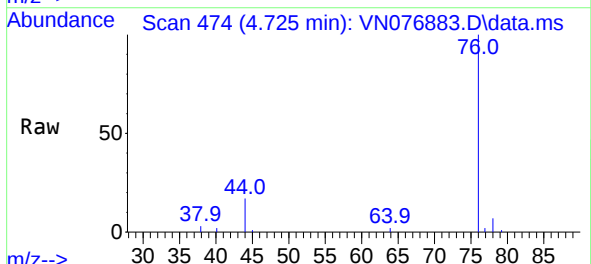
Acq: 08 Mar 2023 17:59

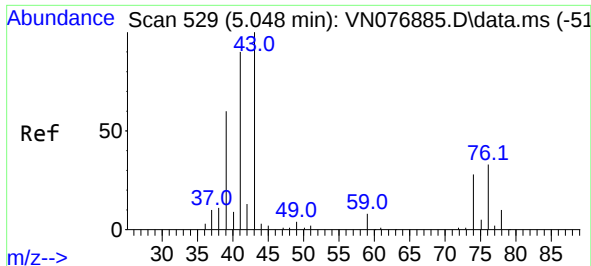
Tgt Ion: 76 Resp: 78336

Ion Ratio Lower Upper

76 100

78 7.5 6.6 9.8





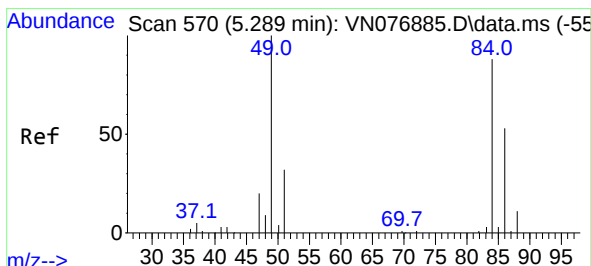
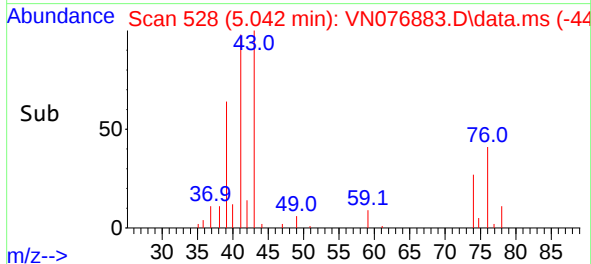
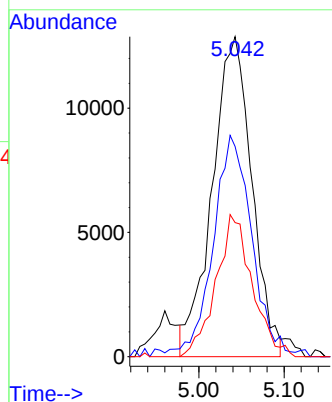
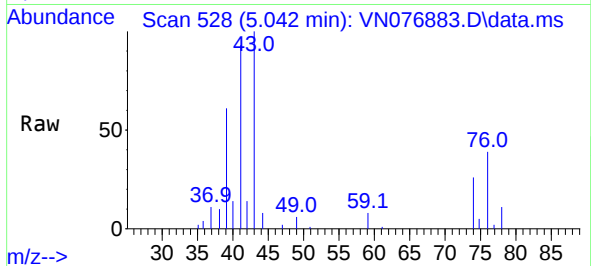
#17
 Allyl chloride
 Concen: 4.836 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN076883.D
 Acq: 08 Mar 2023 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 41554
 Ion Ratio Lower Upper
 41 100
 39 66.9 34.8 104.3
 76 44.3 17.5 52.5

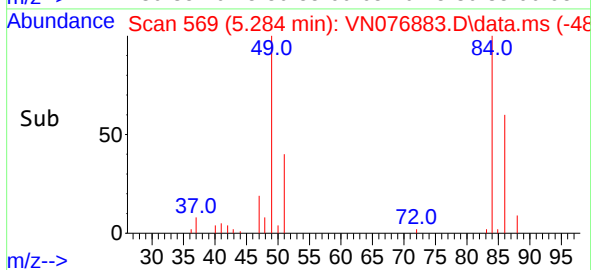
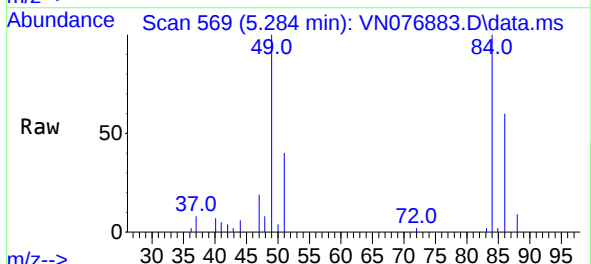
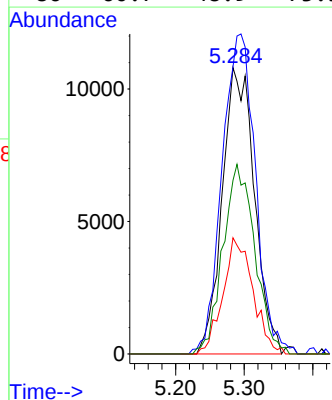
Manual Integrations
 APPROVED

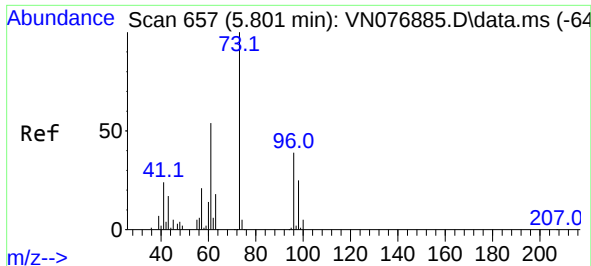
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#18
 Methylene Chloride
 Concen: 5.693 ug/l m
 RT: 5.284 min Scan# 569
 Delta R.T. -0.012 min
 Lab File: VN076883.D
 Acq: 08 Mar 2023 17:59

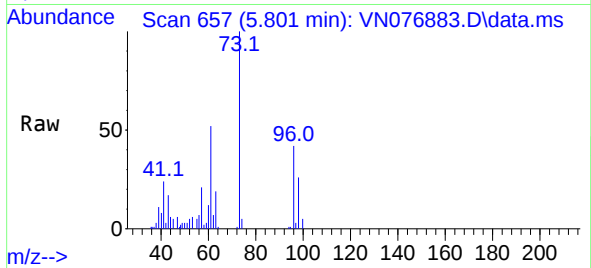
Tgt Ion: 84 Resp: 35189
 Ion Ratio Lower Upper
 84 100
 49 100.3 113.8 170.6#
 51 40.6 34.2 51.4
 86 60.7 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 5.269 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

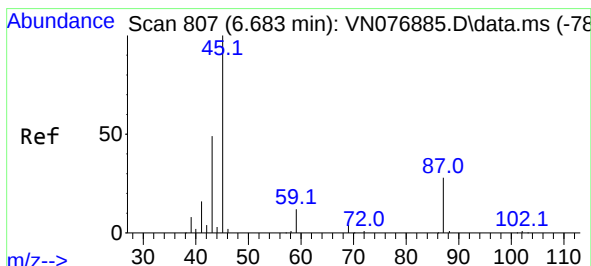
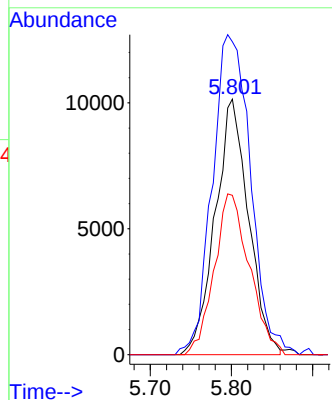
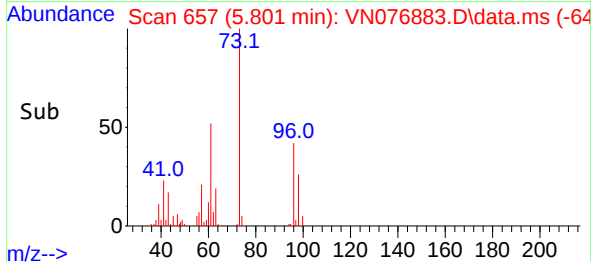
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



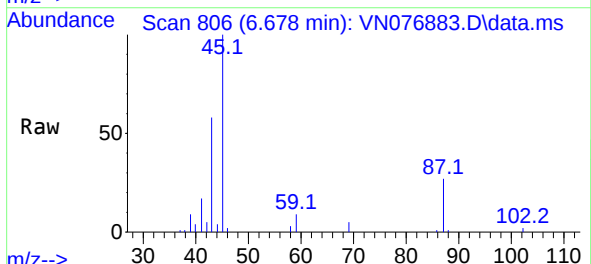
Tgt Ion: 96 Resp: 2898
Ion Ratio Lower Upper
96 100
61 120.1 111.0 166.4
98 62.4 55.0 82.6

Manual Integrations
APPROVED

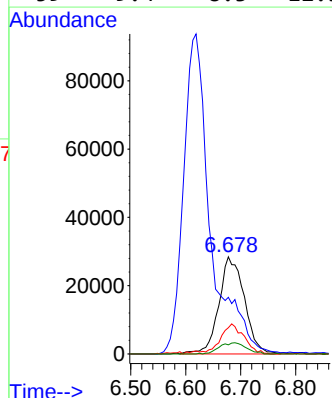
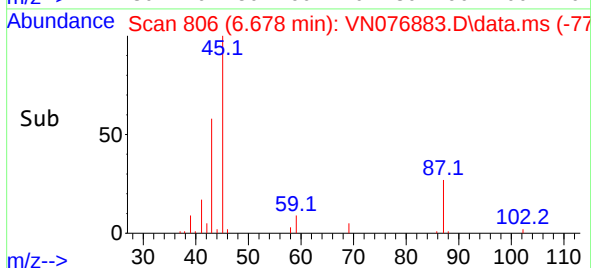
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

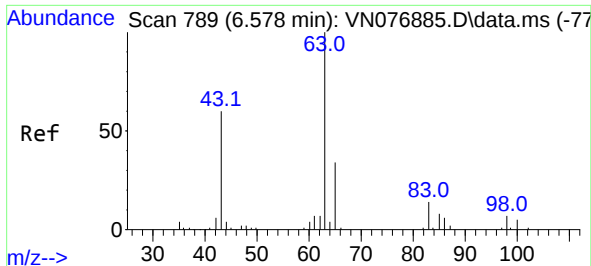


#20
Diisopropyl ether
Concen: 4.543 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.012 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



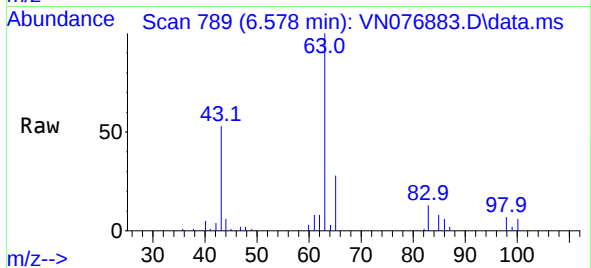
Tgt Ion: 45 Resp: 91601
Ion Ratio Lower Upper
45 100
43 56.9 38.6 58.0
87 27.0 20.1 30.1
59 9.4 8.3 12.5





#21
1,1-Dichloroethane
Concen: 5.209 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

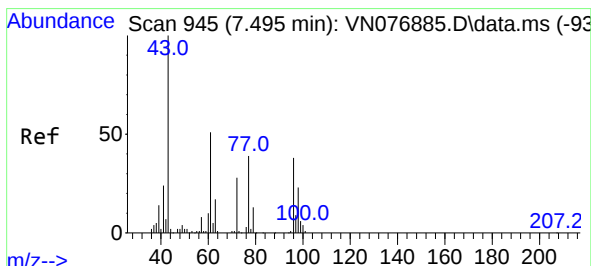
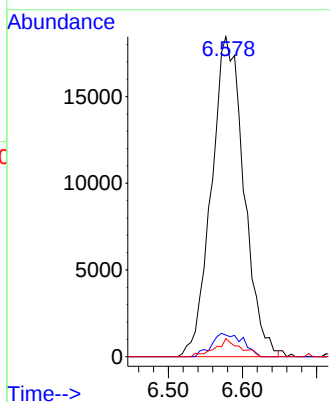
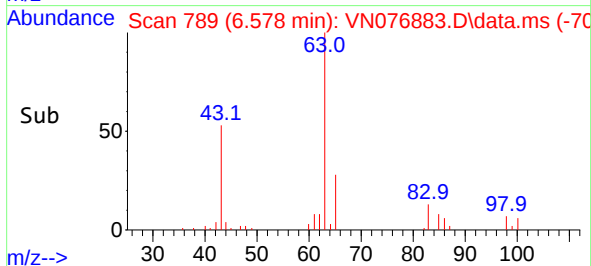
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



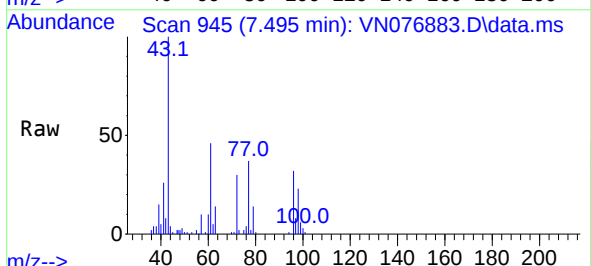
Tgt Ion: 63 Resp: 5607
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.9
100 5.6 2.6 7.8

Manual Integrations
APPROVED

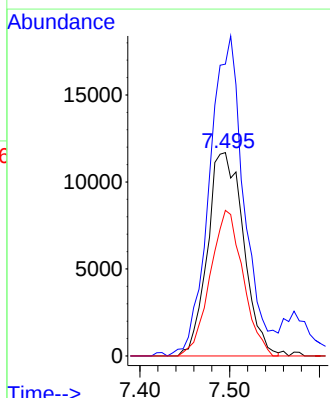
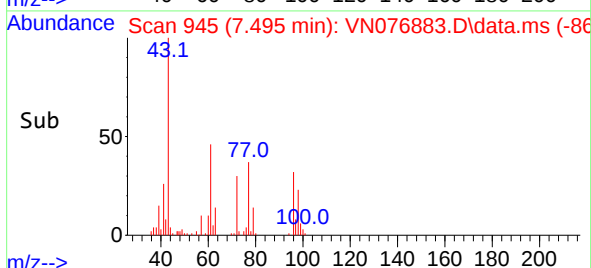
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

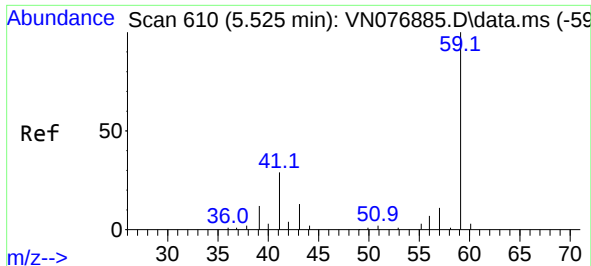


#22
cis-1,2-Dichloroethene
Concen: 5.191 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



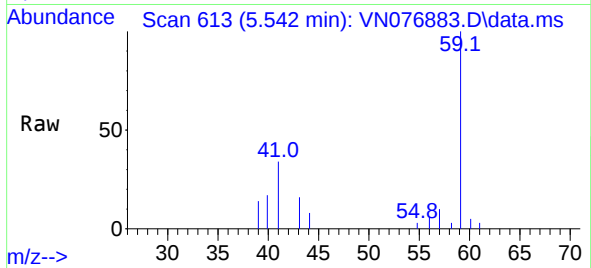
Tgt Ion: 96 Resp: 32513
Ion Ratio Lower Upper
96 100
61 151.8 121.0 181.4
98 65.6 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 26.295 ug/l m
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

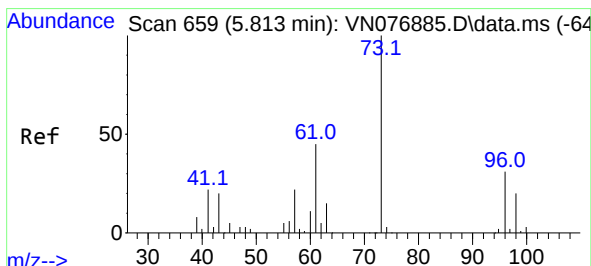
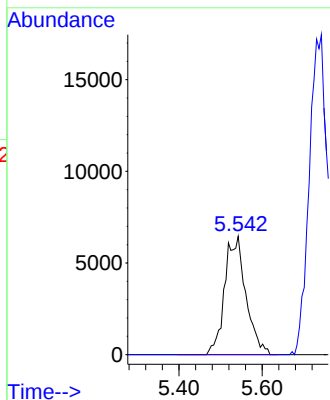
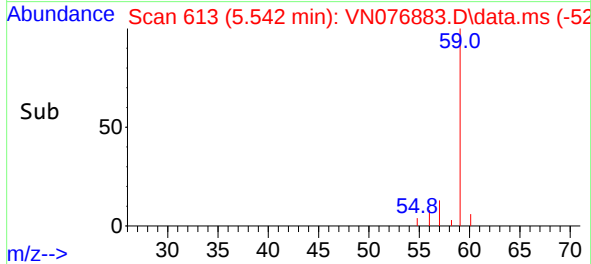
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



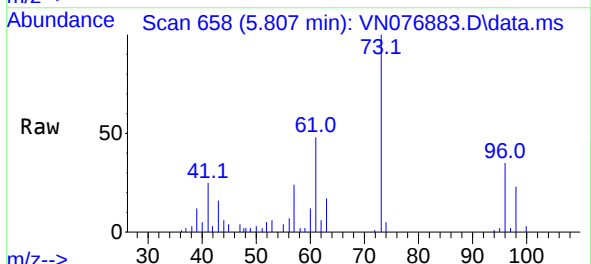
Tgt Ion: 59 Resp: 2282
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

Manual Integrations
APPROVED

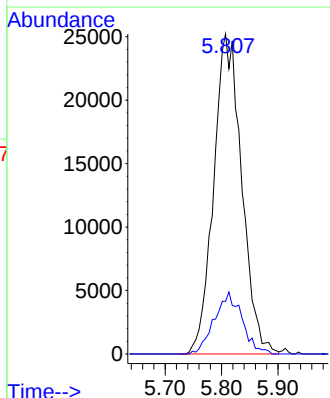
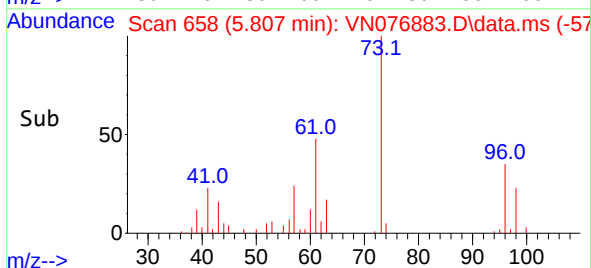
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

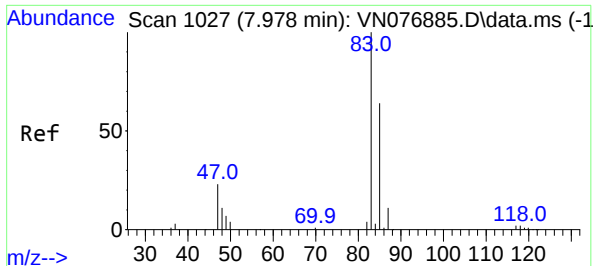


#24
Methyl tert-Butyl Ether
Concen: 5.120 ug/l m
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion: 73 Resp: 87123
Ion Ratio Lower Upper
73 100
43 13.8 17.8 26.6#





#25

Chloroform

Concen: 5.752 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076883.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 60730

Ion Ratio Lower Upper

83 100

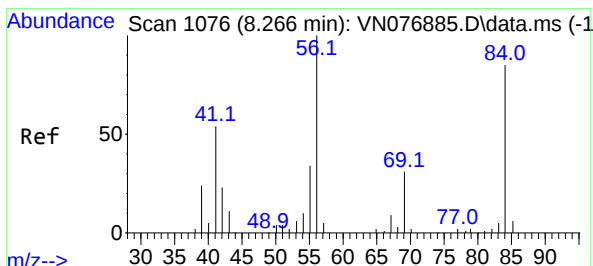
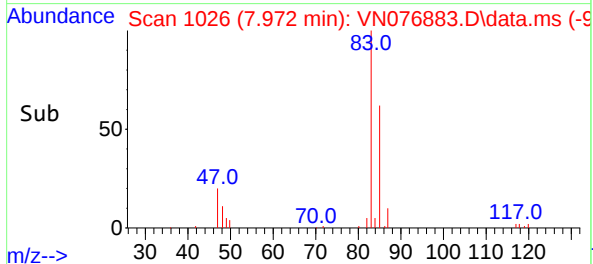
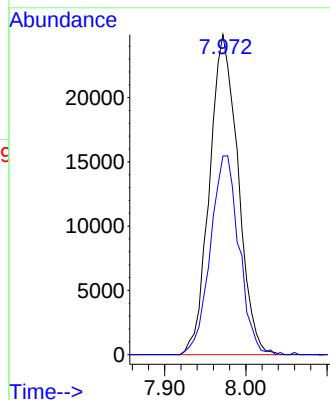
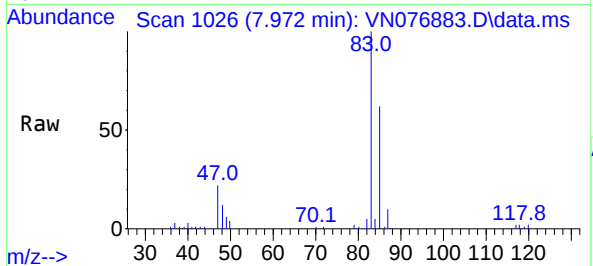
85 62.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#26

Cyclohexane

Concen: 5.066 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN076883.D

Acq: 08 Mar 2023 17:59

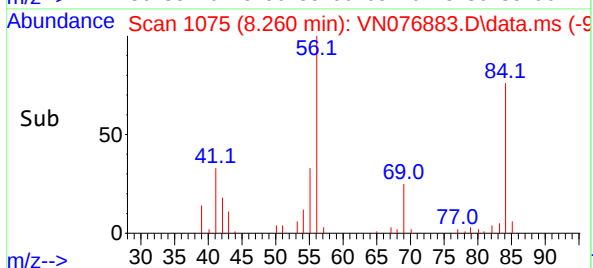
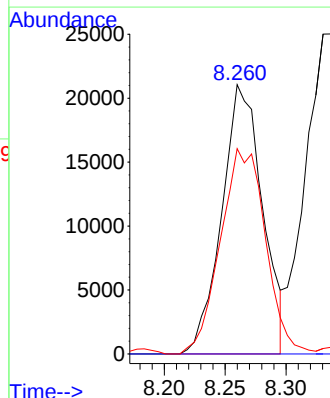
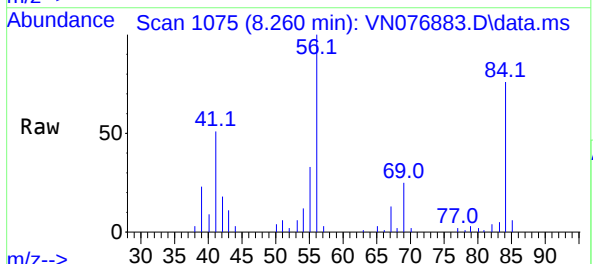
Tgt Ion: 56 Resp: 49093

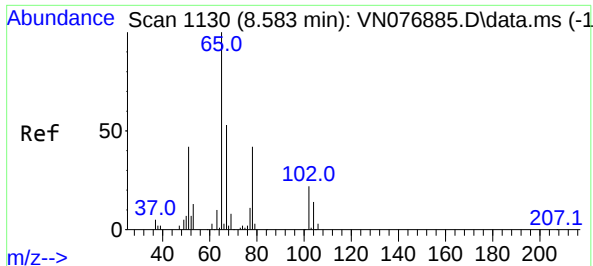
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

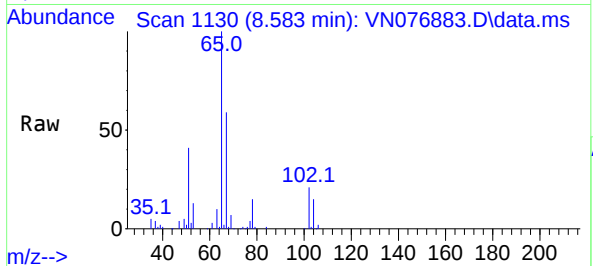
84 84.3 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 28.506 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

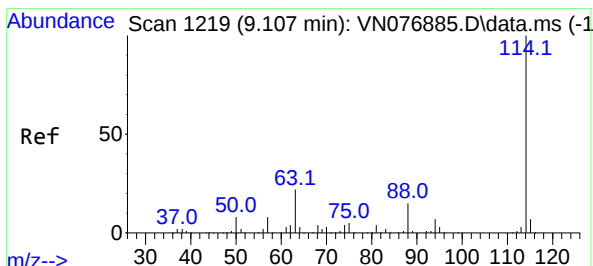
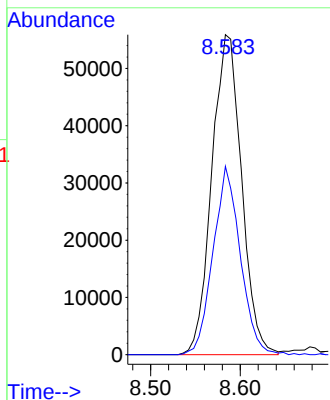
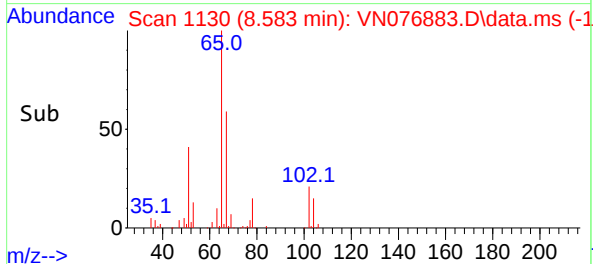
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 65 Resp: 128620
Ion Ratio Lower Upper
65 100
67 53.9 40.9 61.3

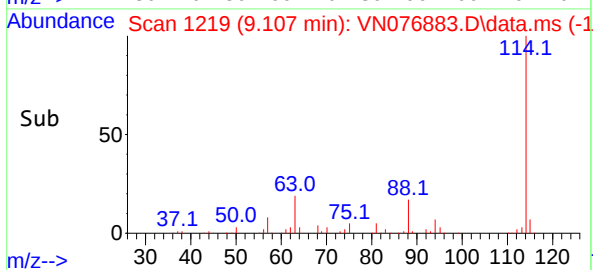
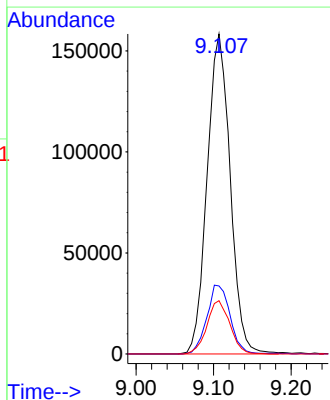
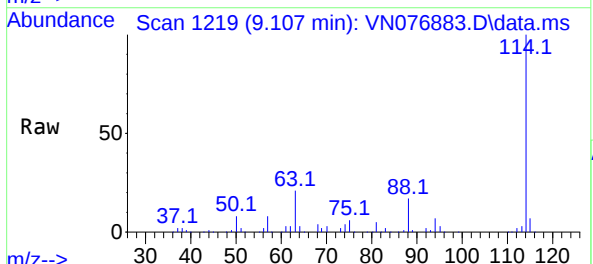
Manual Integrations
APPROVED

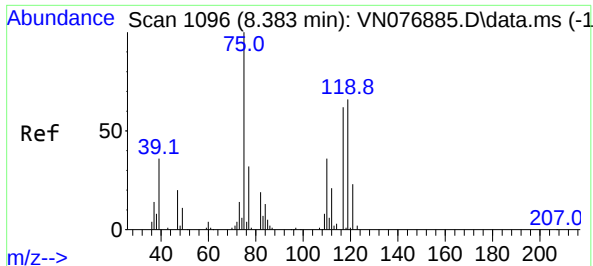
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

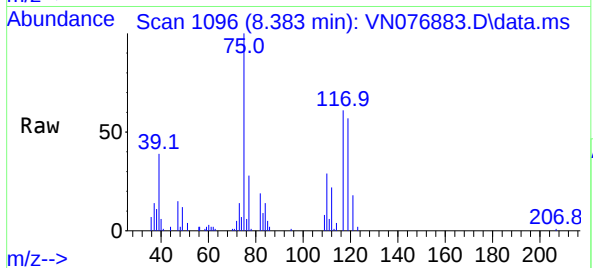
Tgt Ion:114 Resp: 327368
Ion Ratio Lower Upper
114 100
63 21.7 17.0 25.4
88 16.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 5.575 ug/l
RT: 8.383 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

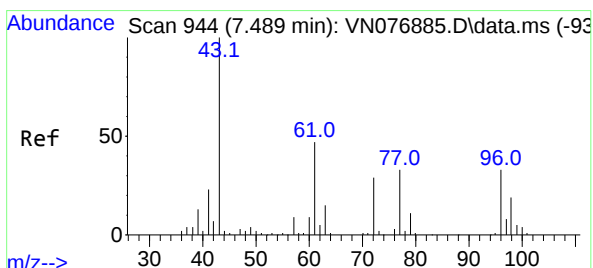
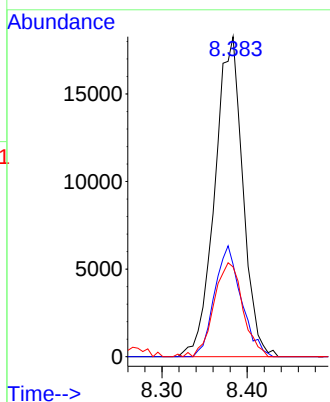
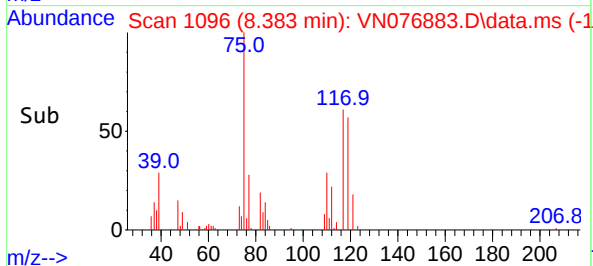
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



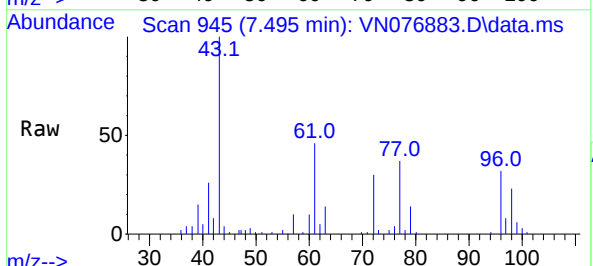
Tgt Ion: 75 Resp: 41680
Ion Ratio Lower Upper
75 100
110 33.1 0.0 67.2
77 30.1 0.0 64.4

Manual Integrations
APPROVED

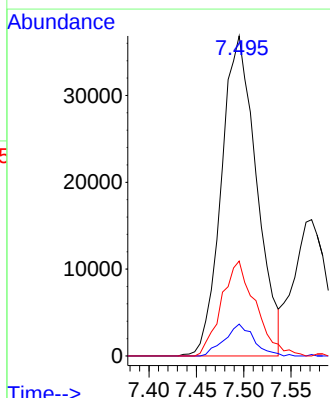
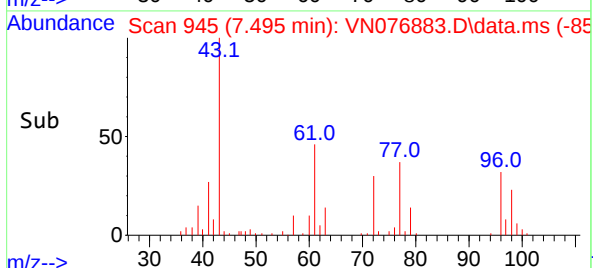
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

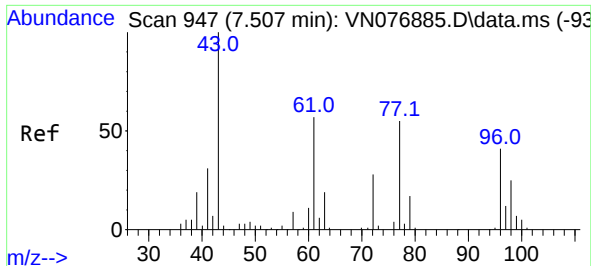


#30
2-Butanone
Concen: 22.937 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion: 43 Resp: 95336
Ion Ratio Lower Upper
43 100
57 8.2 6.1 9.1
72 28.9 20.2 30.4





#31

2,2-Dichloropropane

Concen: 5.189 ug/l

RT: 7.501 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN076883.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 40400

Ion Ratio Lower Upper

77 100

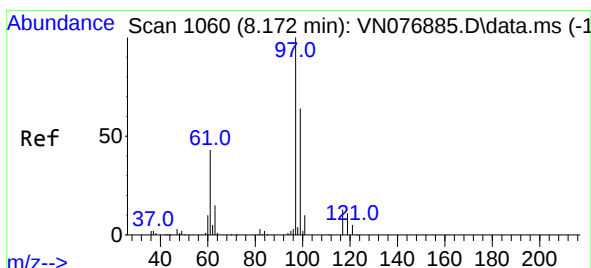
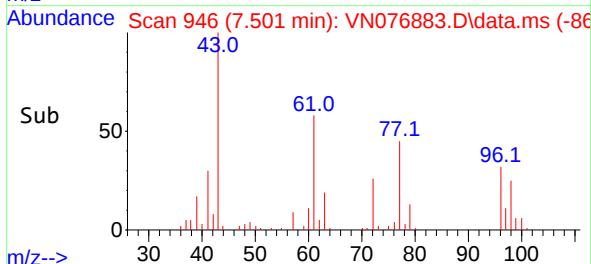
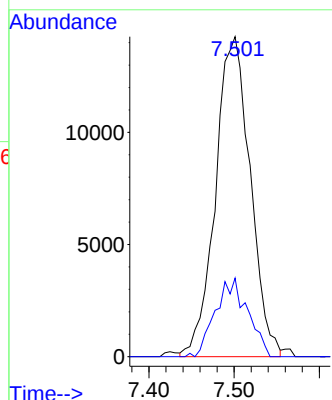
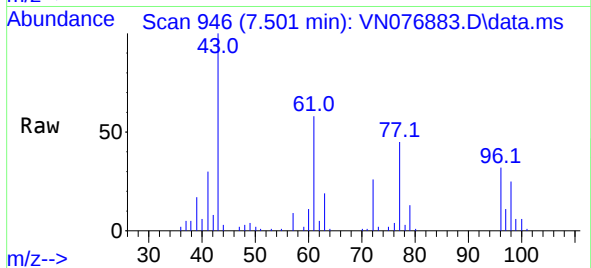
97 22.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#32

1,1,1-Trichloroethane

Concen: 5.477 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN076883.D

Acq: 08 Mar 2023 17:59

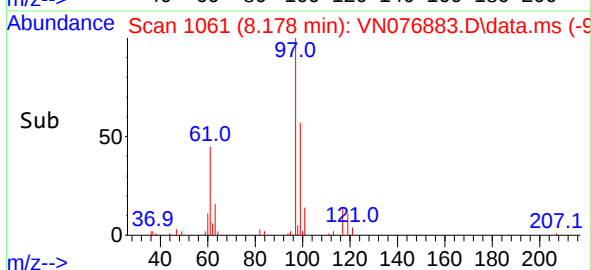
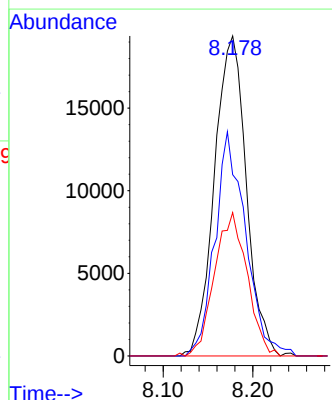
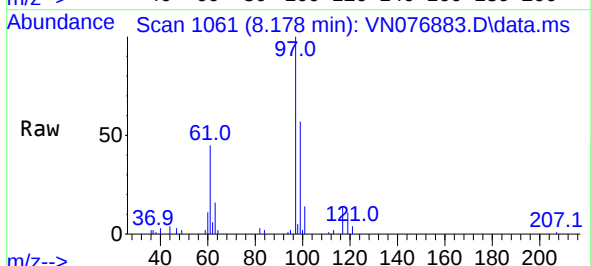
Tgt Ion: 97 Resp: 47757

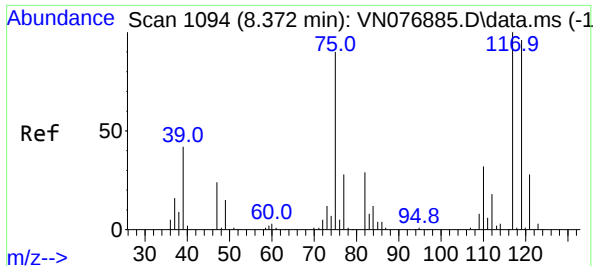
Ion Ratio Lower Upper

97 100

99 67.7 51.8 77.8

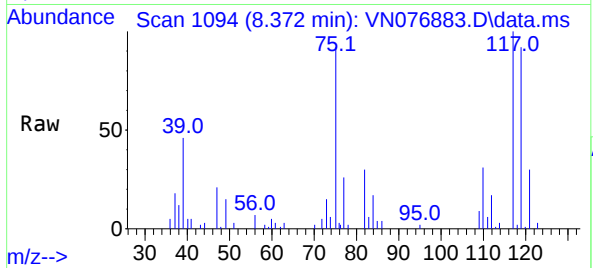
61 45.8 39.3 58.9





#33
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

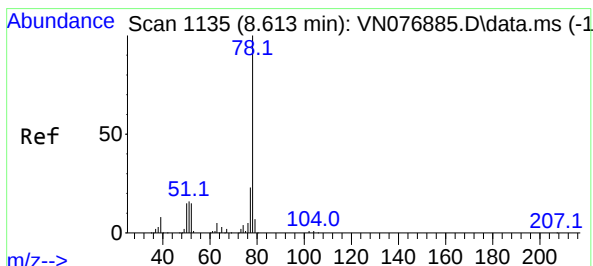
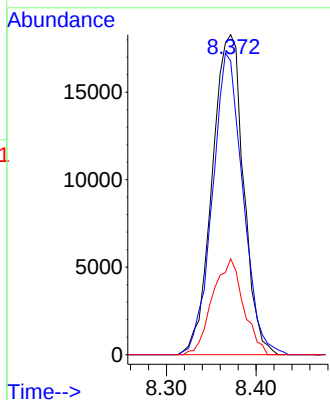
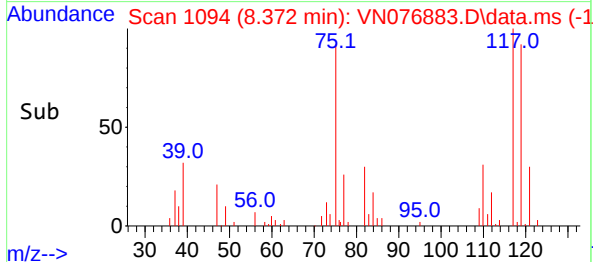
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



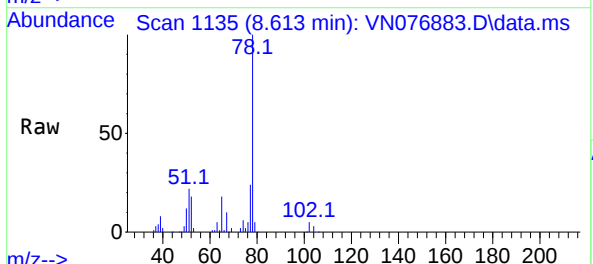
Tgt Ion:117 Resp: 44300
Ion Ratio Lower Upper
117 100
119 91.7 79.8 119.8
121 29.9 23.4 35.0

Manual Integrations
APPROVED

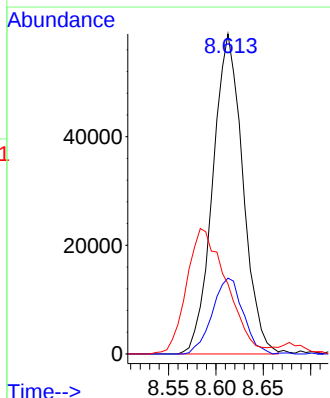
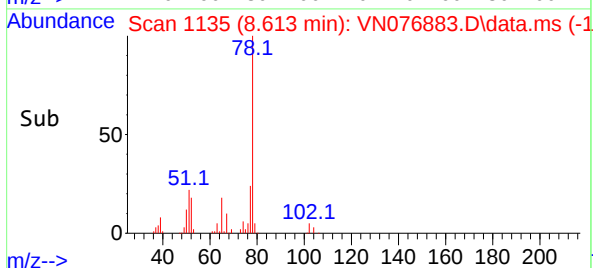
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

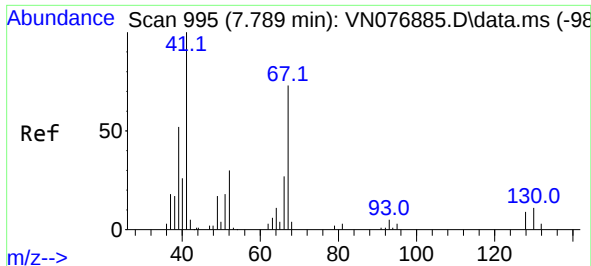


#34
Benzene
Concen: 5.473 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion: 78 Resp: 130162
Ion Ratio Lower Upper
78 100
77 23.7 17.4 26.2
51 19.9 13.8 20.6





#35
Methacrylonitrile
Concen: 4.665 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

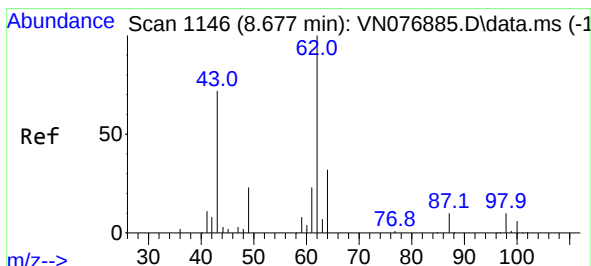
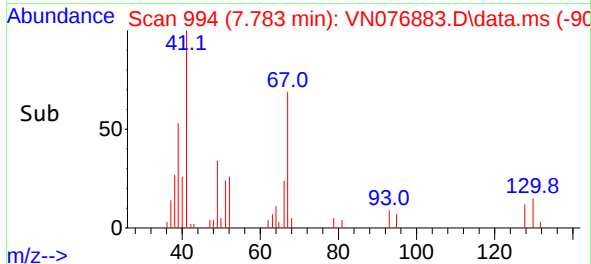
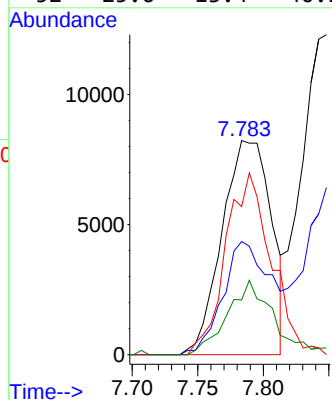
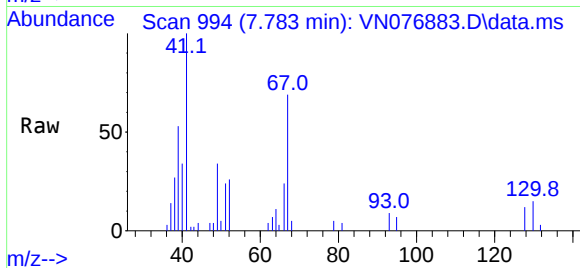
VSTDIC005

Tgt Ion: 41 Resp: 21519
Ion Ratio Lower Upper
41 100
39 52.8 26.6 79.7
67 69.2 32.3 96.9
52 25.6 13.4 40.1

Manual Integrations

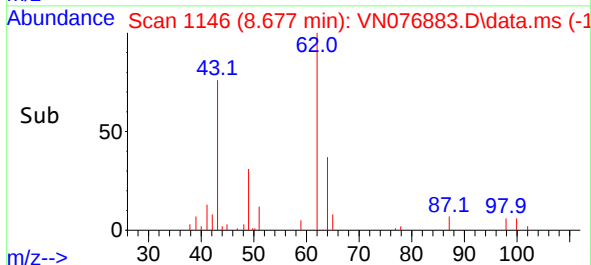
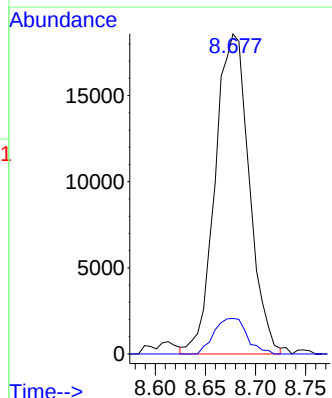
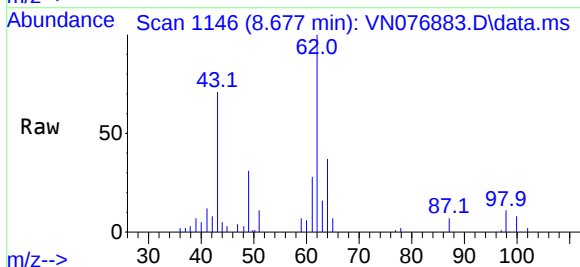
APPROVED

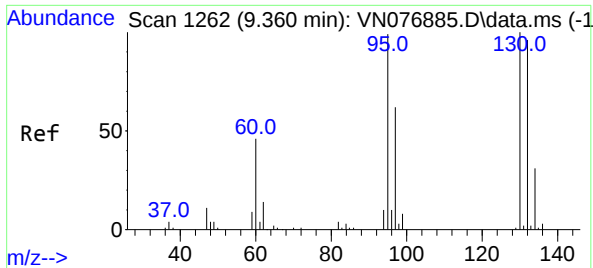
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#36
1,2-Dichloroethane
Concen: 5.508 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 62 Resp: 43863
Ion Ratio Lower Upper
62 100
98 10.7 7.4 11.0





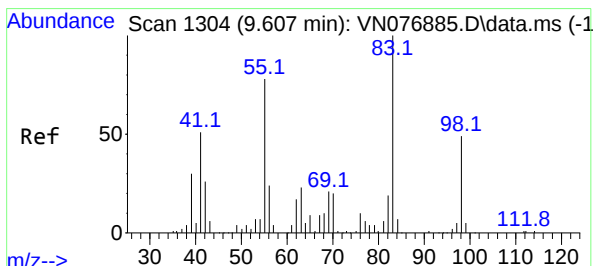
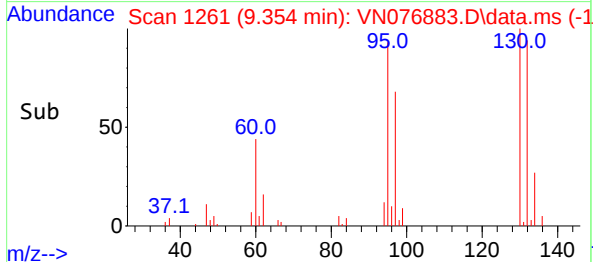
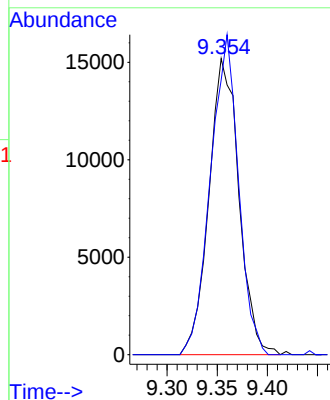
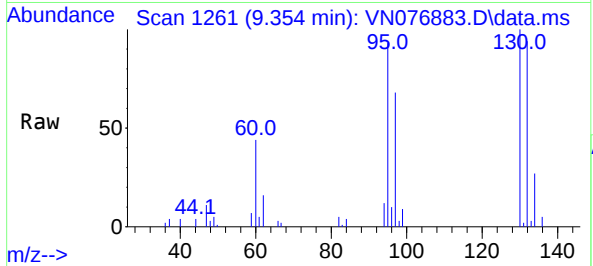
#37
Trichloroethene
Concen: 5.656 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:130 Resp: 3160
Ion Ratio Lower Upper
130 100
95 92.7 78.7 118.1

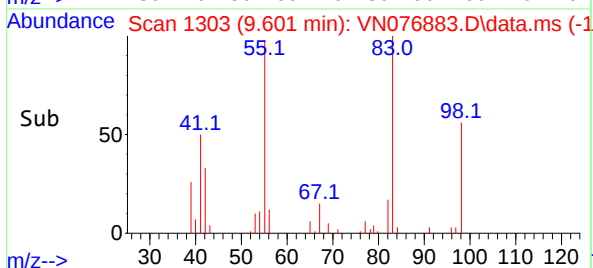
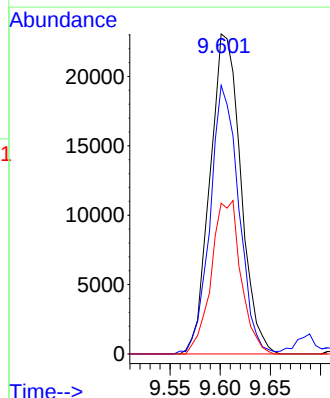
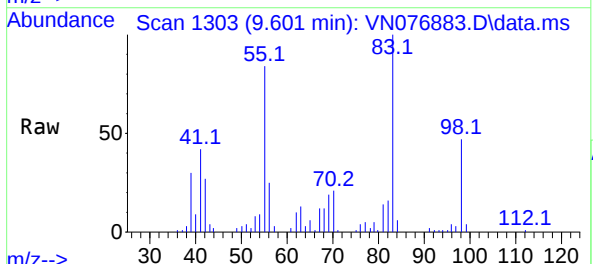
Manual Integrations
APPROVED

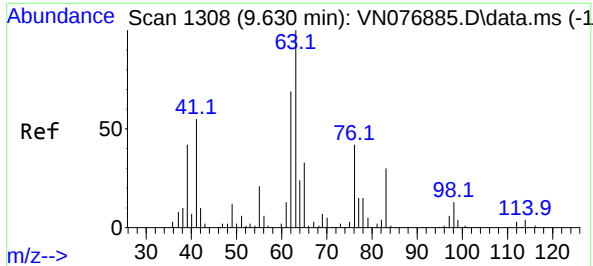
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#38
Methylcyclohexane
Concen: 5.194 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 83 Resp: 49246
Ion Ratio Lower Upper
83 100
55 78.2 37.6 112.9
98 46.1 24.1 72.4





#39
 1,2-Dichloropropane
 Concen: 5.506 ug/l
 RT: 9.624 min Scan# 1307
 Delta R.T. -0.000 min
 Lab File: VN076883.D
 Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

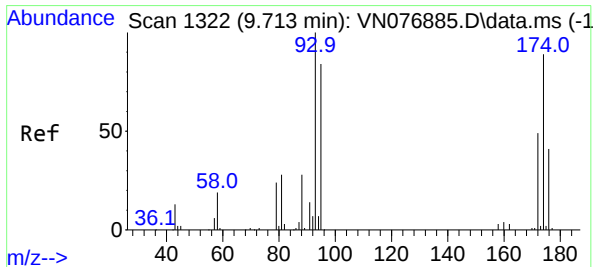
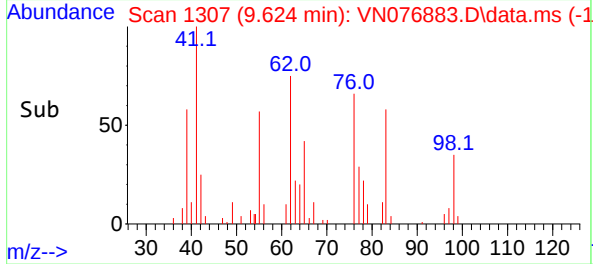
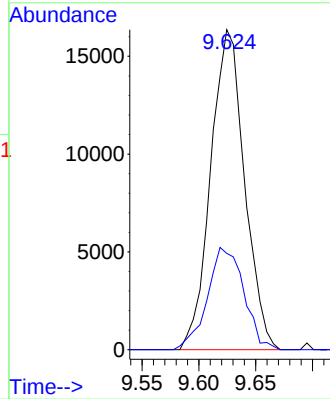
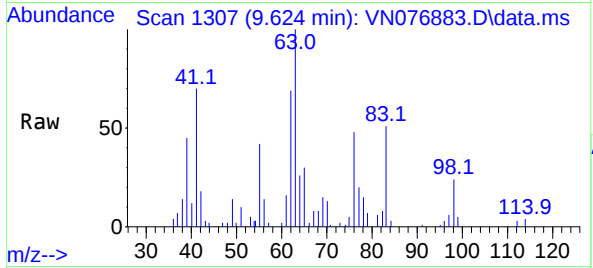
Tgt Ion: 63 Resp: 3392
 Ion Ratio Lower Upper
 63 100
 65 30.1 27.2 40.8

Manual Integrations

APPROVED

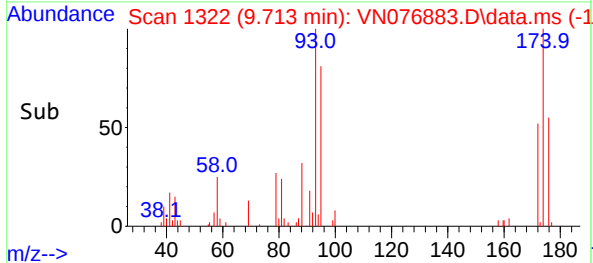
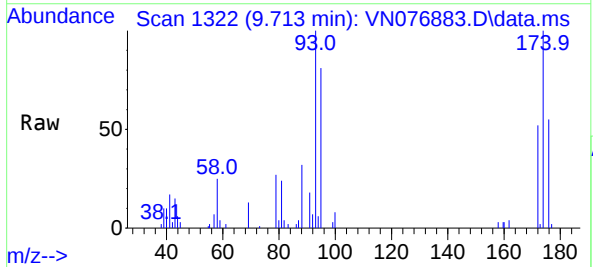
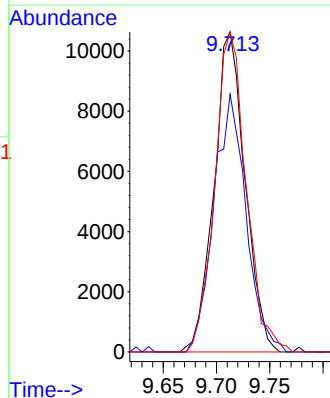
Reviewed By :John Carlone 03/09/2023

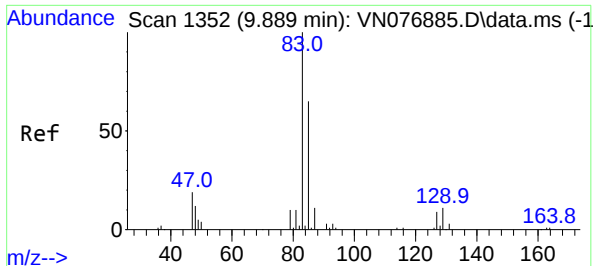
Supervised By :Mahesh Dadoda 03/09/2023



#40
 Dibromomethane
 Concen: 5.468 ug/l
 RT: 9.713 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VN076883.D
 Acq: 08 Mar 2023 17:59

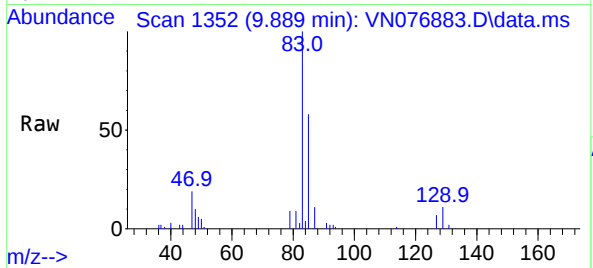
Tgt Ion: 93 Resp: 21464
 Ion Ratio Lower Upper
 93 100
 95 84.0 0.0 158.0
 174 101.4 0.0 171.2





#41
Bromodichloromethane
Concen: 5.504 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

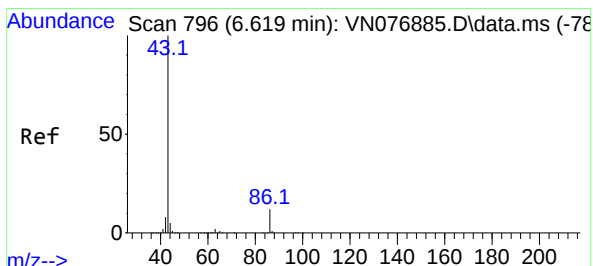
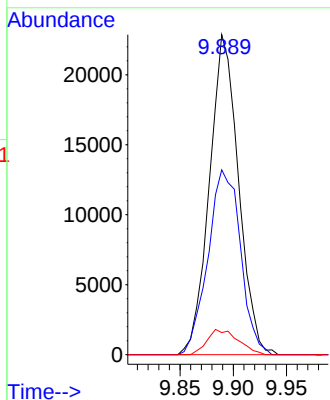
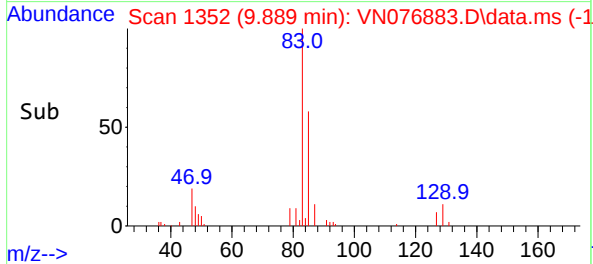
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 43480
Ion Ratio Lower Upper
83 100
85 57.7 51.0 76.4
127 6.9 6.2 9.2

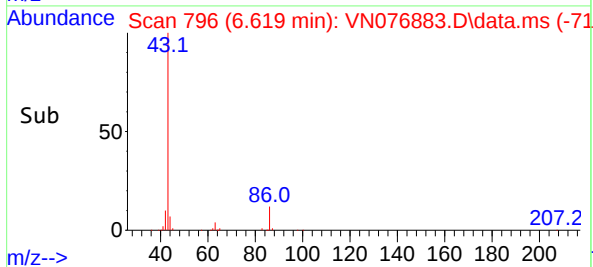
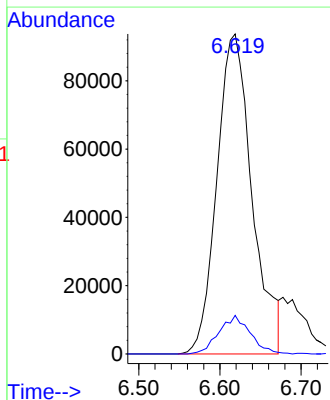
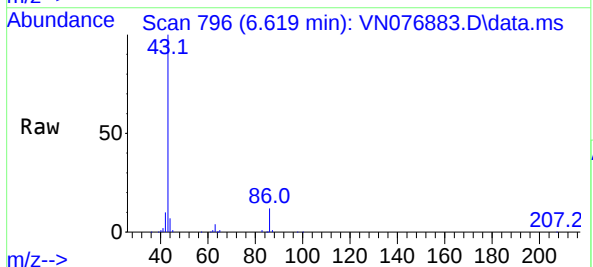
Manual Integrations
APPROVED

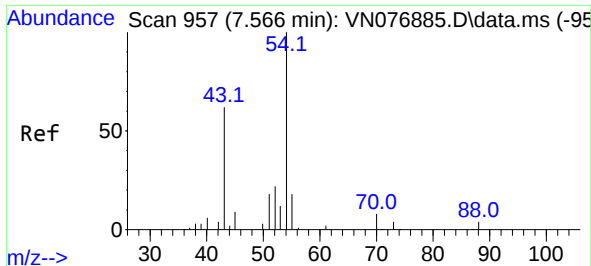
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#42
Vinyl Acetate
Concen: 23.001 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

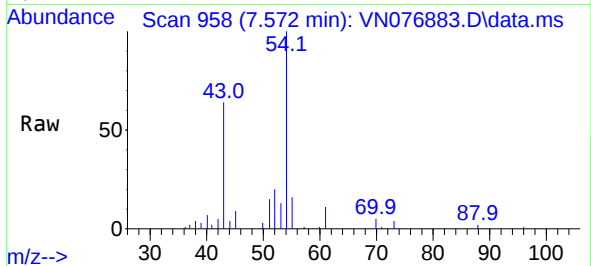
Tgt Ion: 43 Resp: 282638
Ion Ratio Lower Upper
43 100
86 10.7 7.8 11.6





#43
Ethyl Acetate
Concen: 4.734 ug/l
RT: 7.572 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

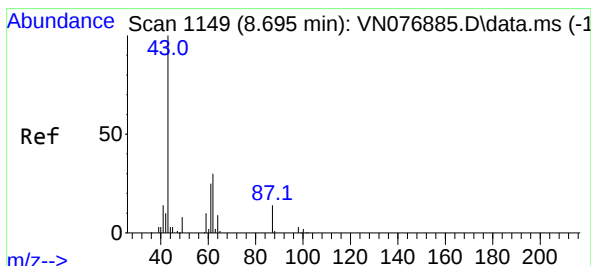
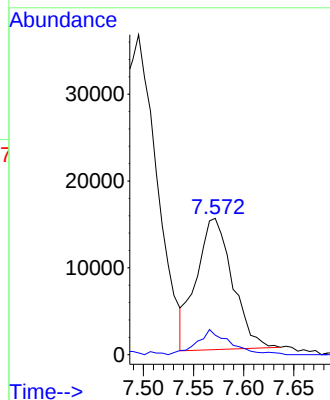
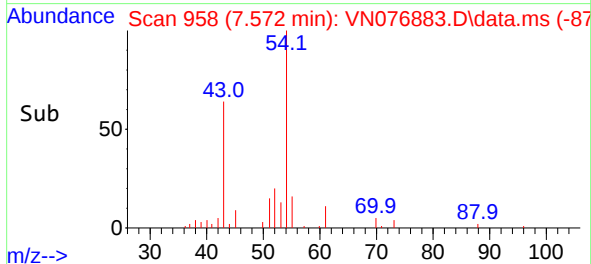
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3793
Ion Ratio Lower Upper
43 100
45 16.8 11.2 16.8

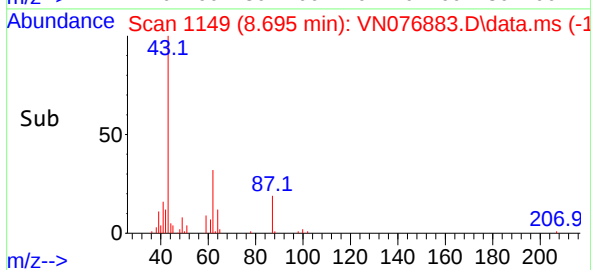
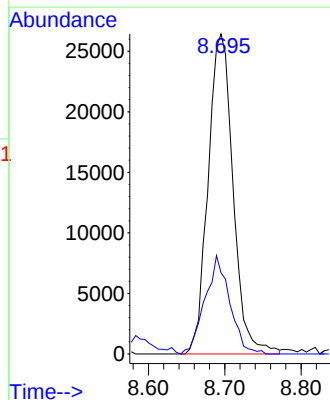
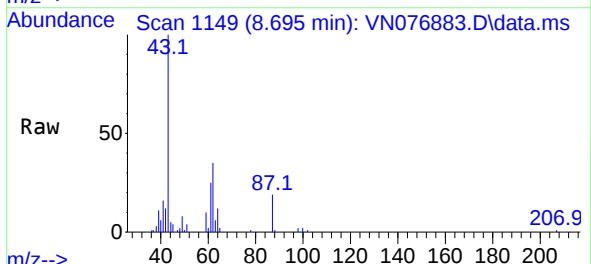
Manual Integrations
APPROVED

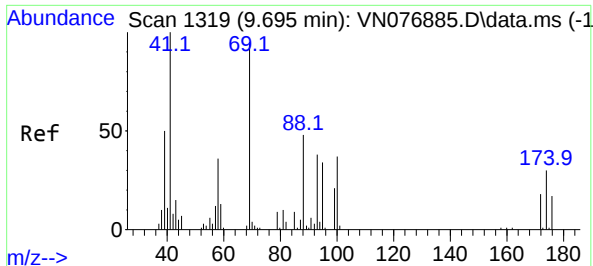
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#44
Isopropyl Acetate
Concen: 4.524 ug/l m
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

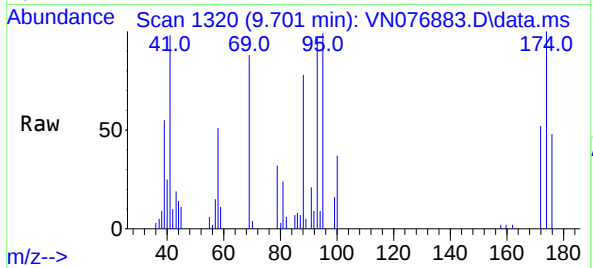
Tgt Ion: 43 Resp: 59996
Ion Ratio Lower Upper
43 100
61 0.7 19.5 29.3#





#45
1,4-Dioxane
Concen: 93.072 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

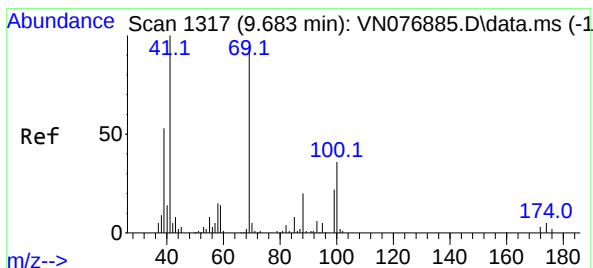
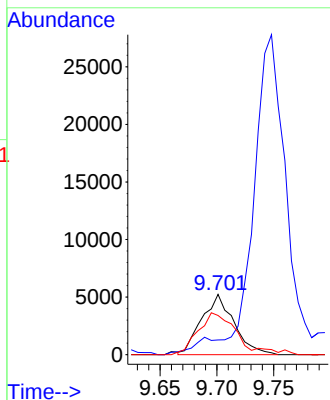
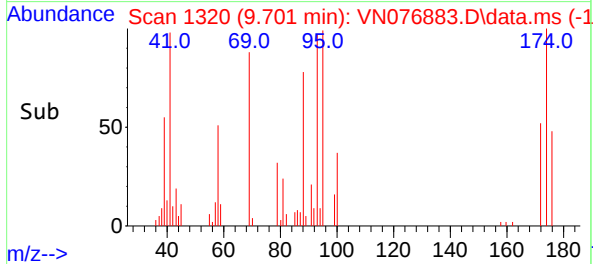
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



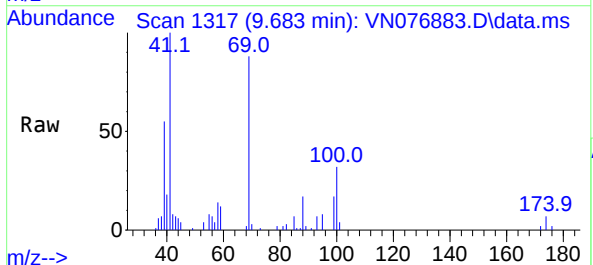
Tgt Ion: 88 Resp: 10370
Ion Ratio Lower Upper
88 100
43 17.8 26.0 39.0
58 76.6 54.3 81.5

Manual Integrations
APPROVED

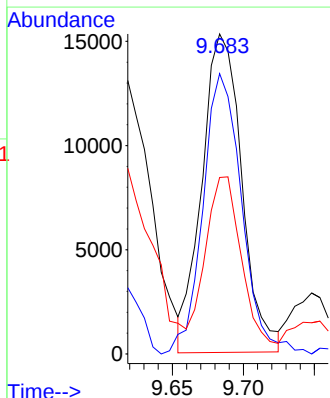
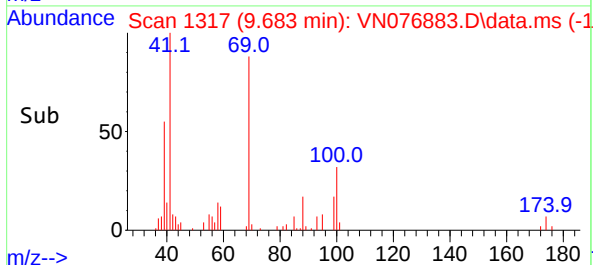
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

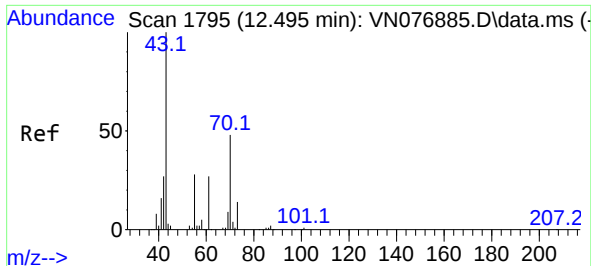


#46
Methyl methacrylate
Concen: 4.892 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



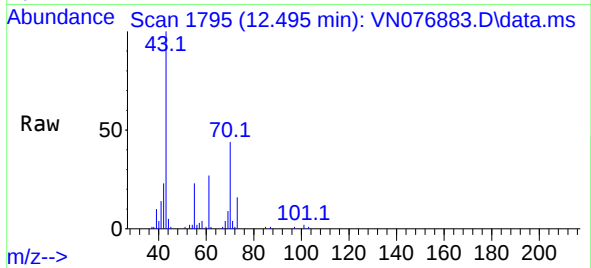
Tgt Ion: 41 Resp: 29912
Ion Ratio Lower Upper
41 100
69 90.4 40.6 121.7
39 55.7 30.5 91.5





#47
n-amyl acetate
Concen: 4.127 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

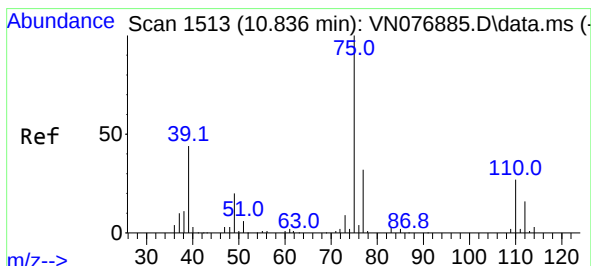
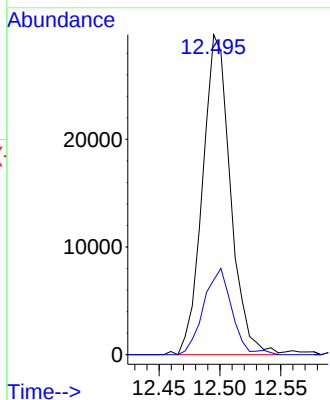
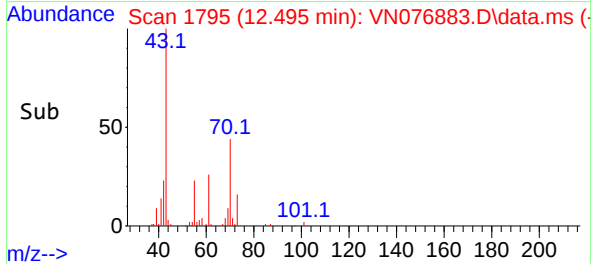
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 47349
Ion Ratio Lower Upper
43 100
55 26.6 18.3 27.5

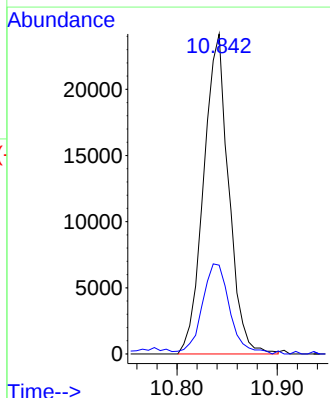
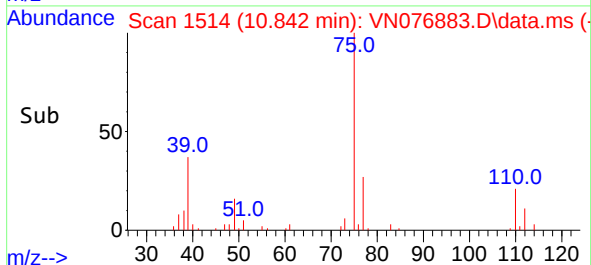
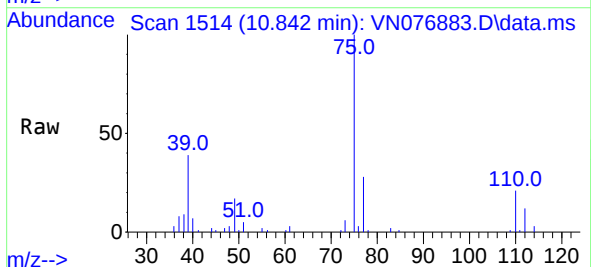
Manual Integrations
APPROVED

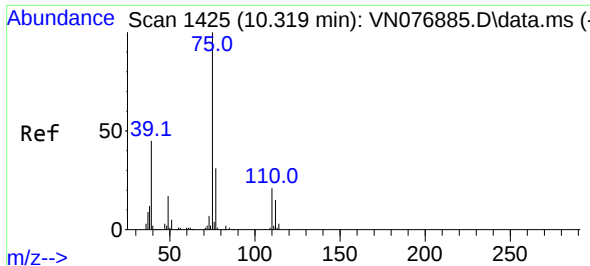
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#48
t-1,3-Dichloropropene
Concen: 5.268 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 75 Resp: 42003
Ion Ratio Lower Upper
75 100
77 26.9 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 5.160 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN076883.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 75 Resp: 4720

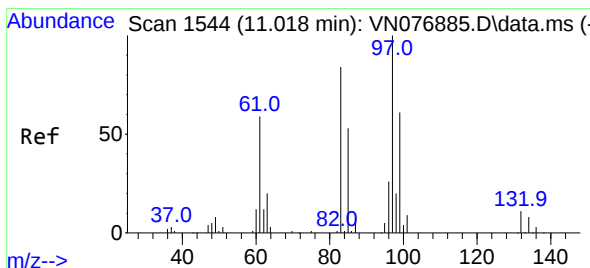
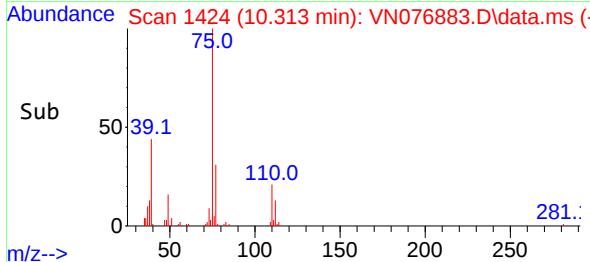
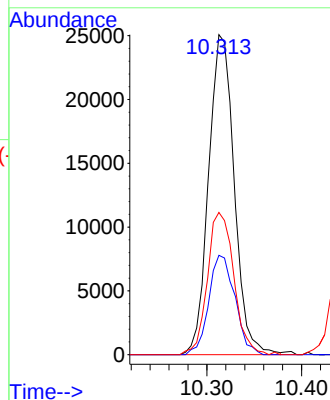
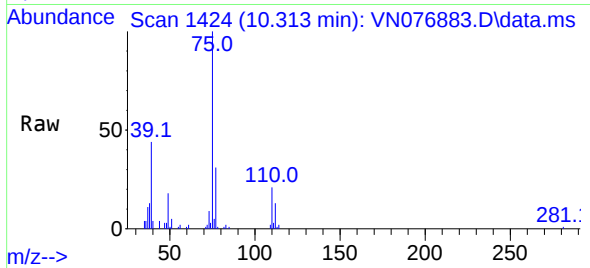
Ion	Ratio	Lower	Upper
75	100		
77	31.1	27.5	41.3
39	44.4	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#50

1,1,2-Trichloroethane

Concen: 5.755 ug/l

RT: 11.019 min Scan# 1544

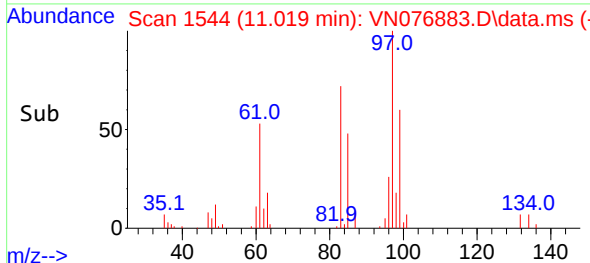
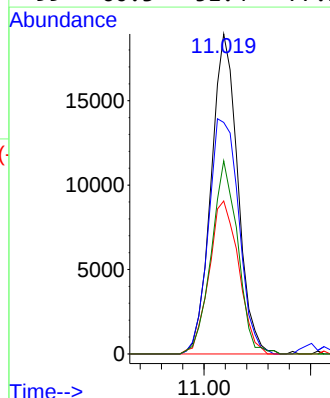
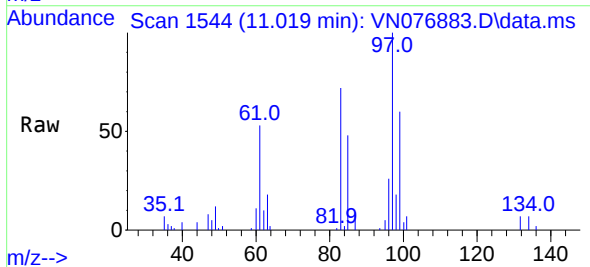
Delta R.T. -0.000 min

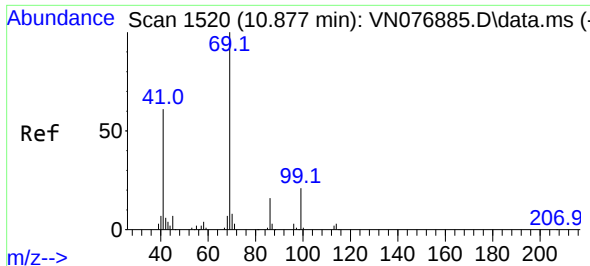
Lab File: VN076883.D

Acq: 08 Mar 2023 17:59

Tgt Ion: 97 Resp: 32864

Ion	Ratio	Lower	Upper
97	100		
83	72.4	71.0	106.4
85	47.8	45.5	68.3
99	60.3	51.4	77.2





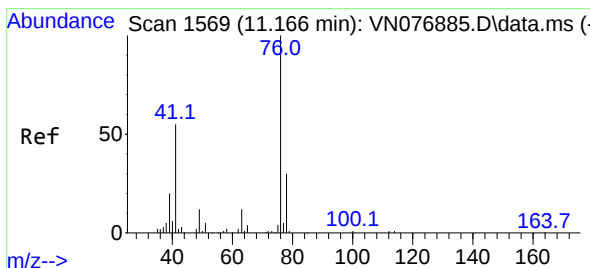
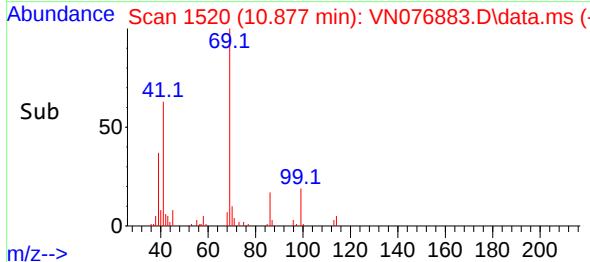
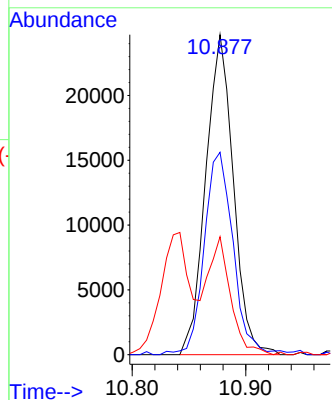
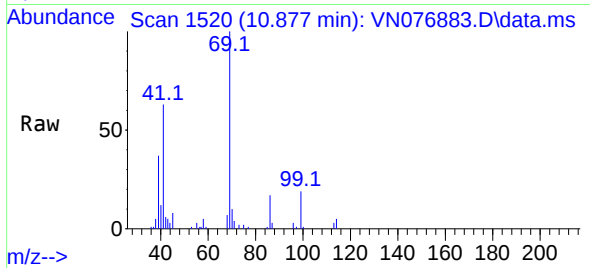
#51
Ethyl methacrylate
Concen: 5.029 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 4174
Ion Ratio Lower Upper
69 100
41 62.1 36.3 108.7
39 36.0 19.9 59.7

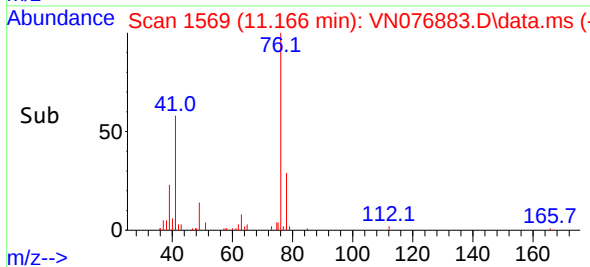
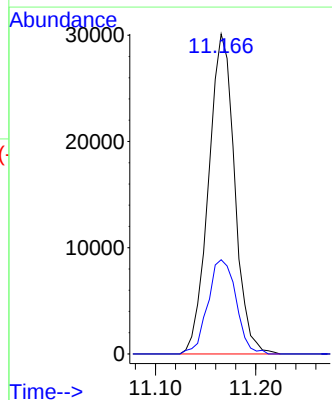
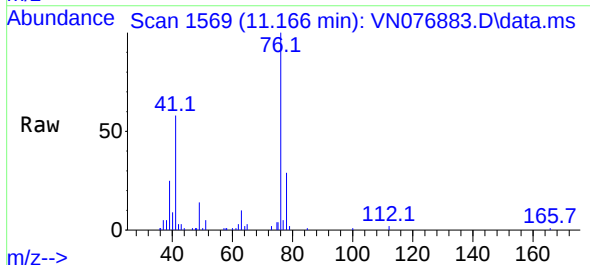
Manual Integrations
APPROVED

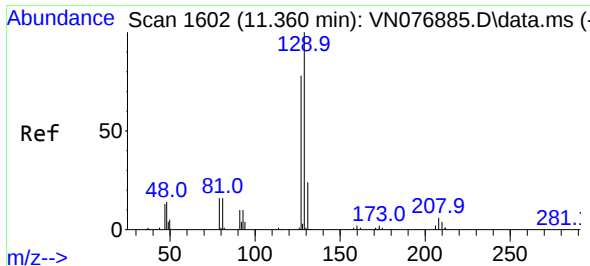
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#52
1,3-Dichloropropane
Concen: 5.550 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 76 Resp: 54503
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.4





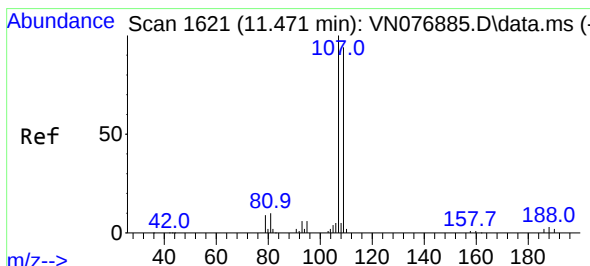
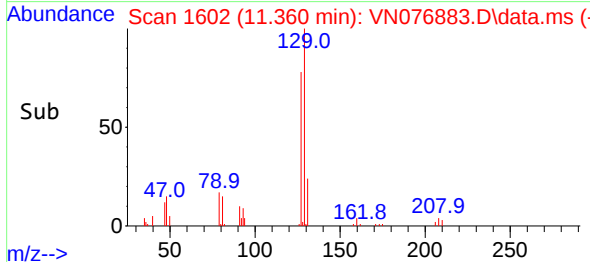
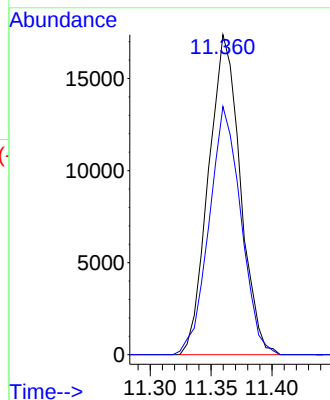
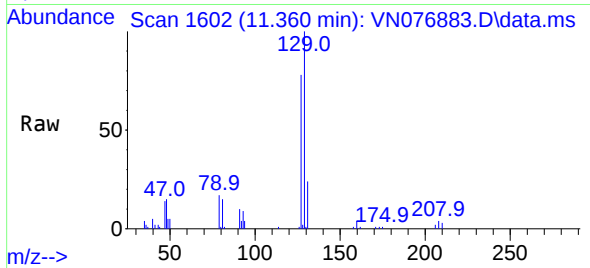
#53
Dibromochloromethane
Concen: 5.410 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:129 Resp: 3147
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1

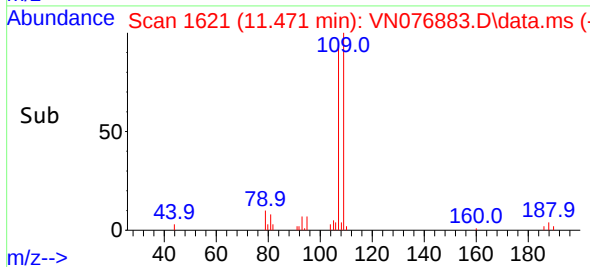
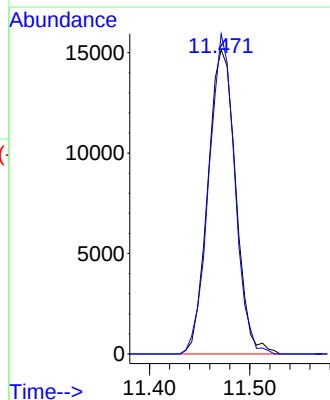
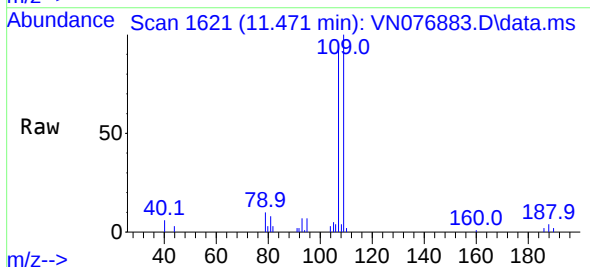
Manual Integrations
APPROVED

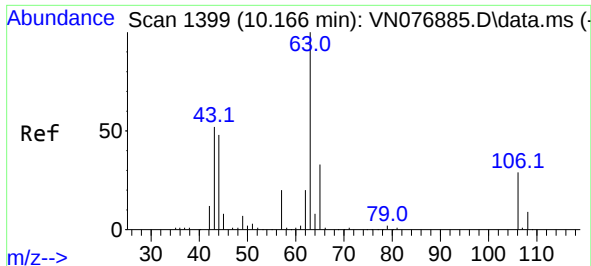
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#54
1,2-Dibromoethane
Concen: 5.302 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion:107 Resp: 29295
Ion Ratio Lower Upper
107 100
109 97.3 74.6 112.0





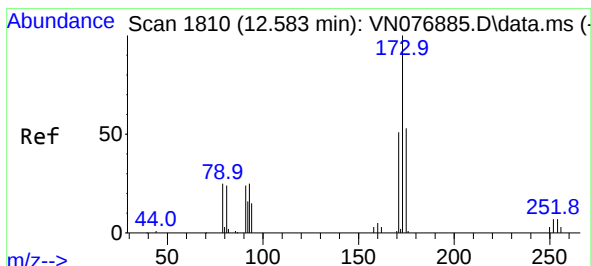
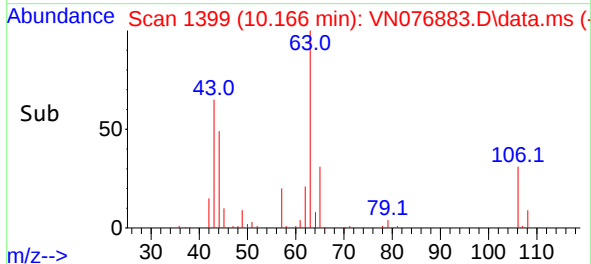
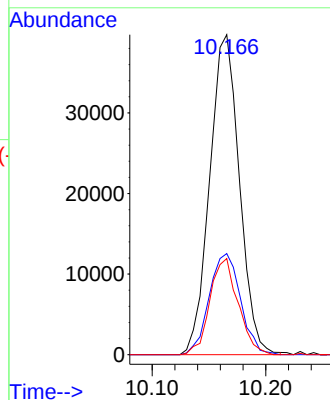
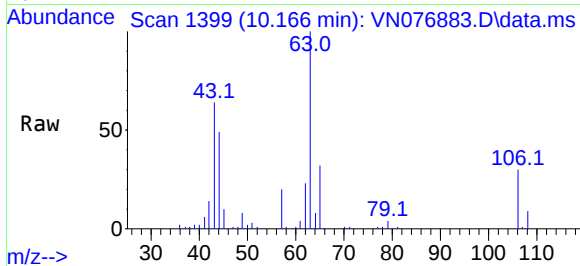
#55
2-Chloroethyl vinyl ether
Concen: 20.399 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 72278
Ion Ratio Lower Upper
63 100
65 33.3 26.3 39.5
106 28.6 21.6 32.4

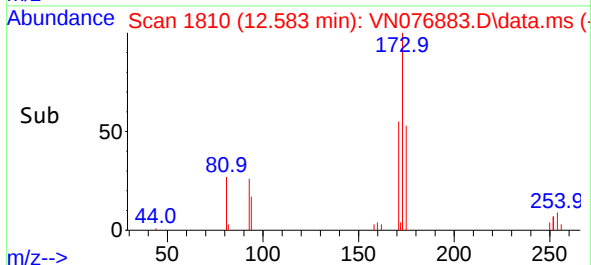
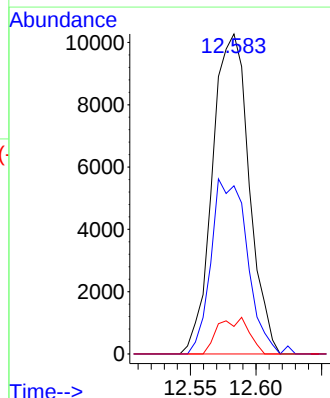
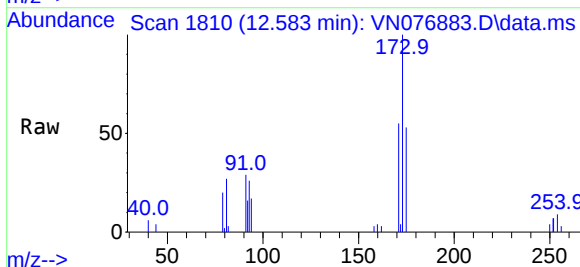
Manual Integrations
APPROVED

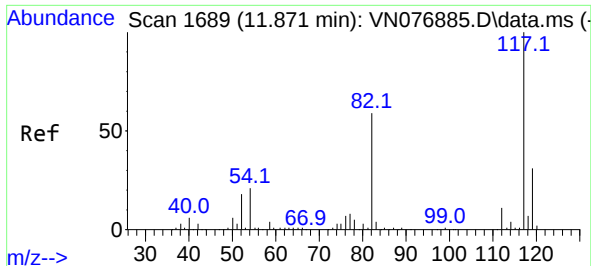
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#56
Bromoform
Concen: 5.029 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion:173 Resp: 19981
Ion Ratio Lower Upper
173 100
175 0.5 37.8 56.6#
254 3.8 7.3 10.9#





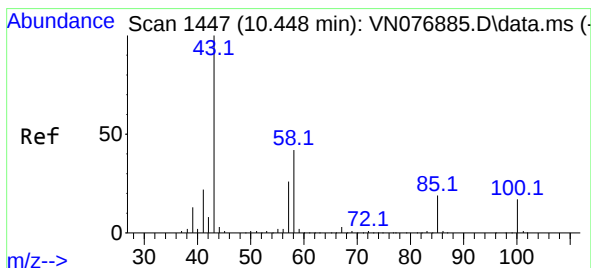
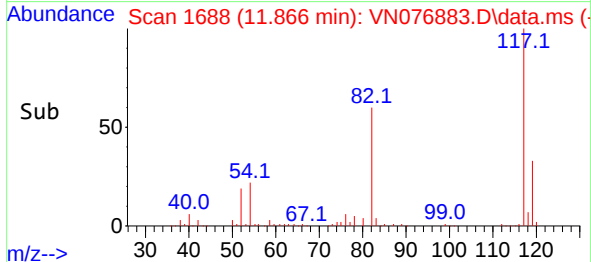
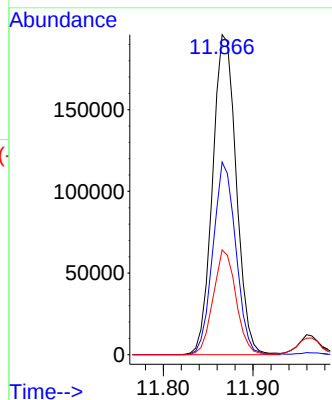
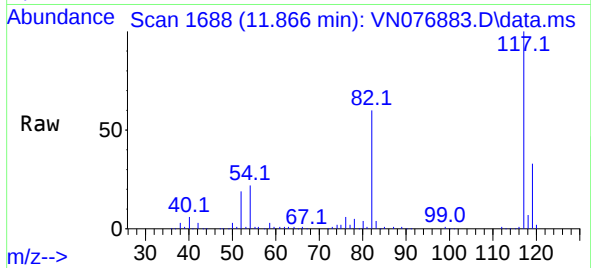
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 35950
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.0
119 31.6 26.8 40.2

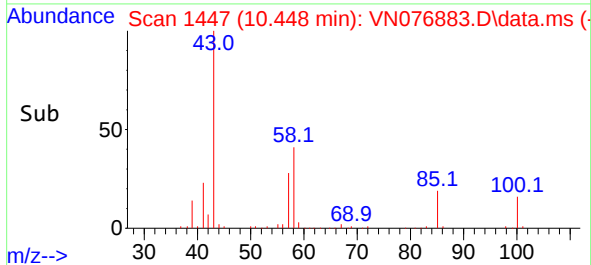
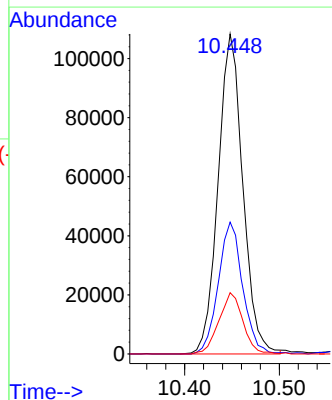
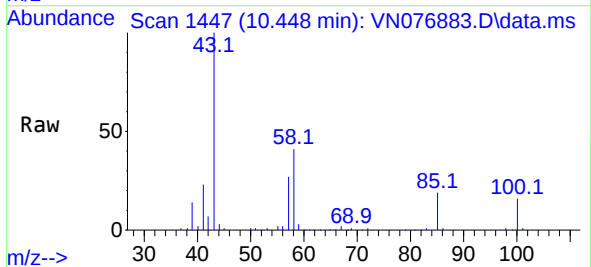
Manual Integrations
APPROVED

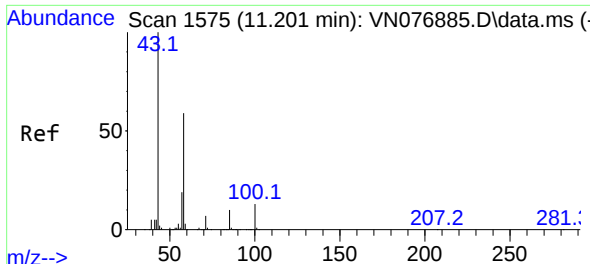
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#58
4-Methyl-2-Pentanone
Concen: 23.715 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

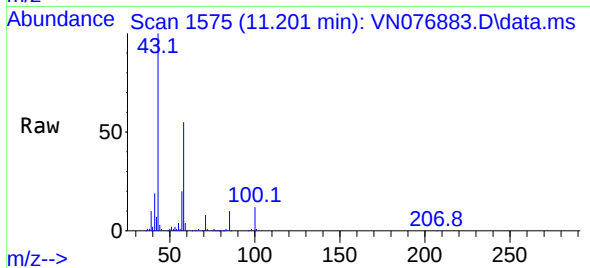
Tgt Ion: 43 Resp: 196473
Ion Ratio Lower Upper
43 100
58 40.6 28.6 42.8
85 18.6 11.8 17.8#





#59
2-Hexanone
Concen: 22.537 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

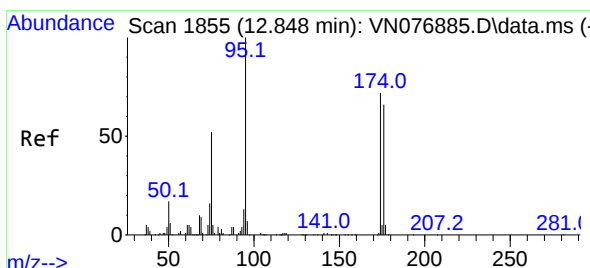
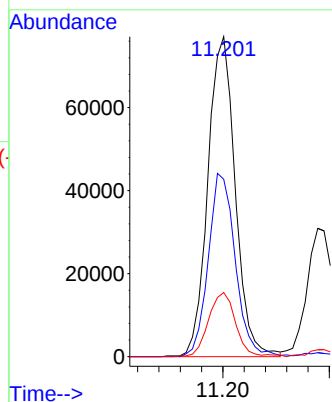
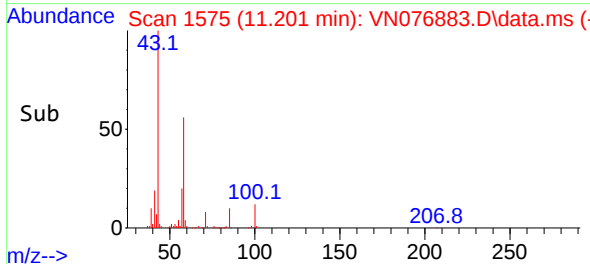
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



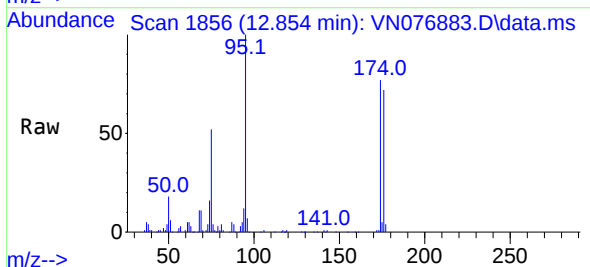
Tgt Ion: 43 Resp: 137586
Ion Ratio Lower Upper
43 100
58 56.6 40.6 60.8
57 19.6 13.1 19.7

Manual Integrations
APPROVED

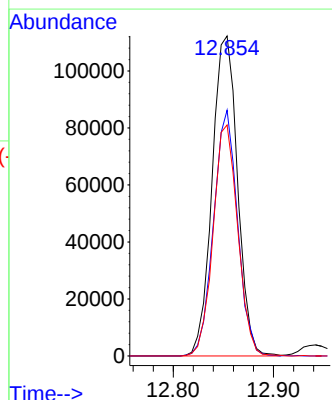
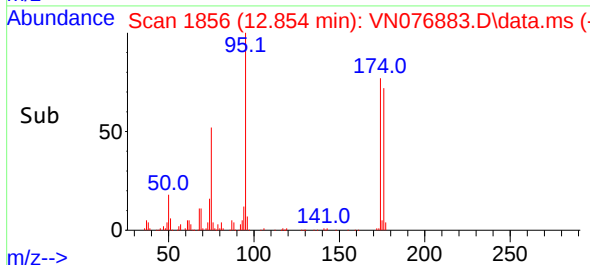
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

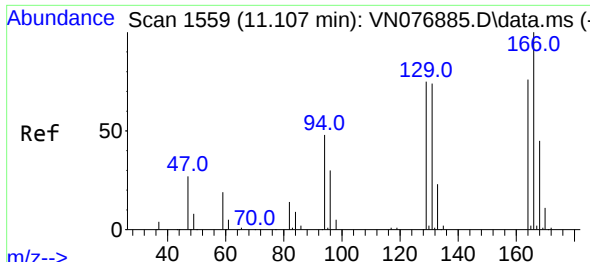


#60
4-Bromofluorobenzene
Concen: 30.771 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



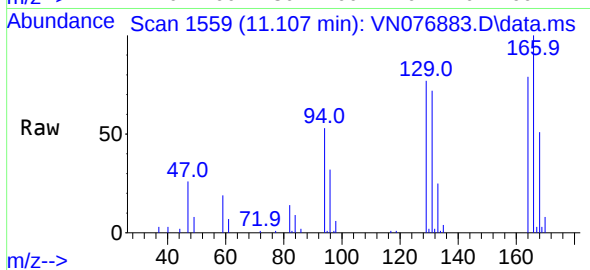
Tgt Ion: 95 Resp: 197519
Ion Ratio Lower Upper
95 100
174 72.6 64.2 96.4
176 70.0 61.4 92.0





#61
Tetrachloroethene
Concen: 6.319 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

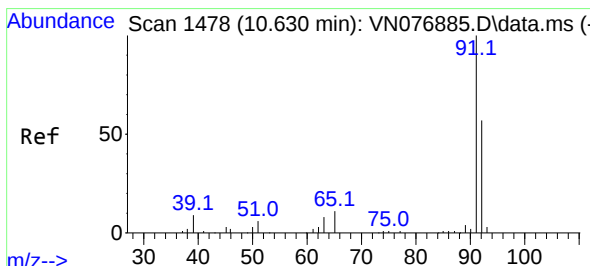
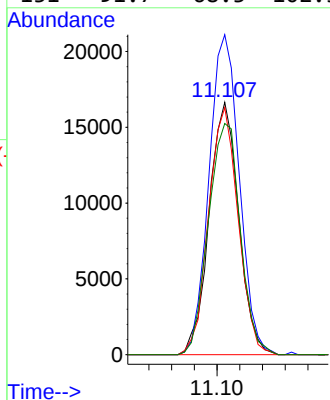
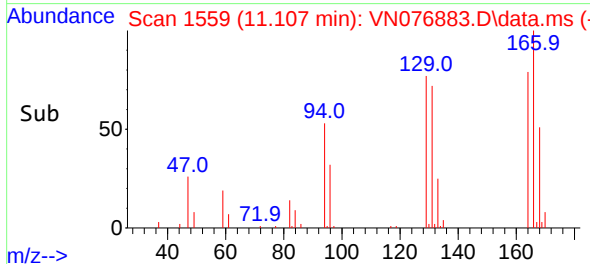
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



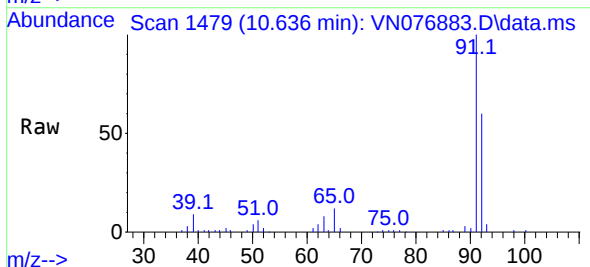
Tgt Ion:164 Resp: 30099
Ion Ratio Lower Upper
164 100
166 126.8 96.2 144.2
129 97.9 78.2 117.4
131 91.7 68.3 102.5

Manual Integrations
APPROVED

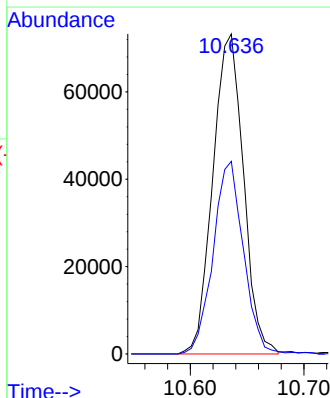
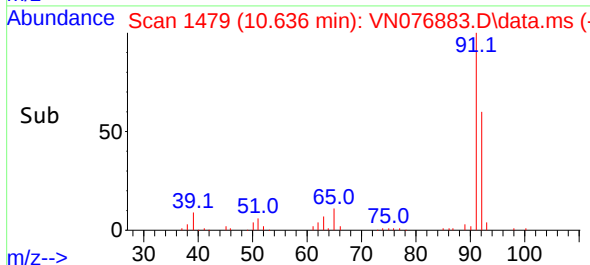
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

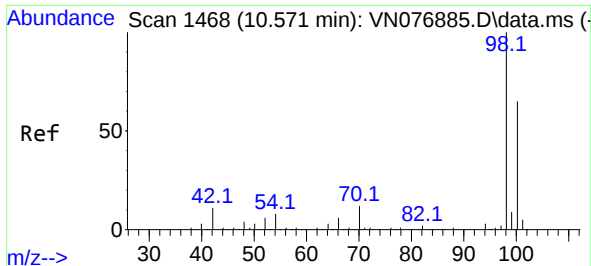


#62
Toluene
Concen: 5.478 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion: 91 Resp: 137157
Ion Ratio Lower Upper
91 100
92 59.4 46.3 69.5





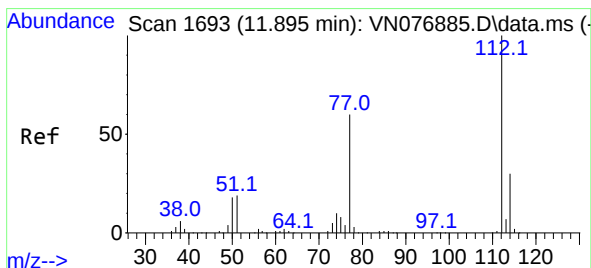
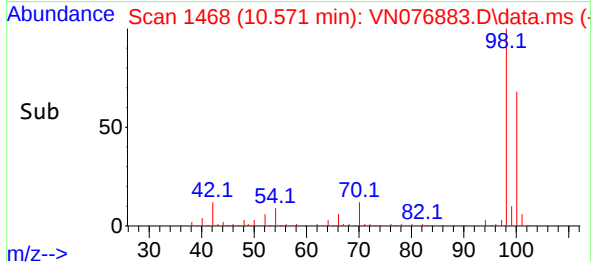
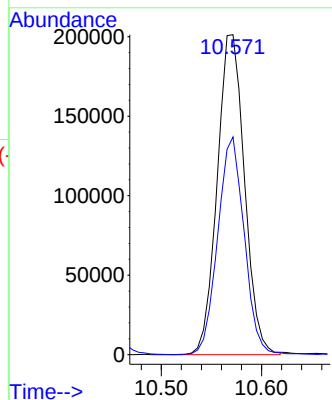
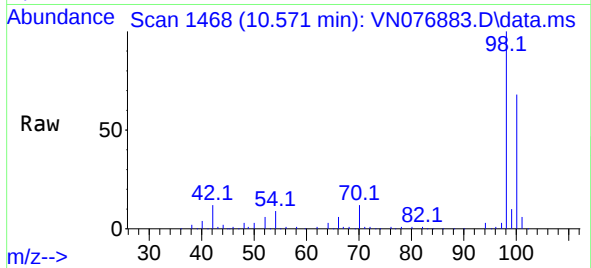
#63
Toluene-d8
Concen: 30.214 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 98 Resp: 38062
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6

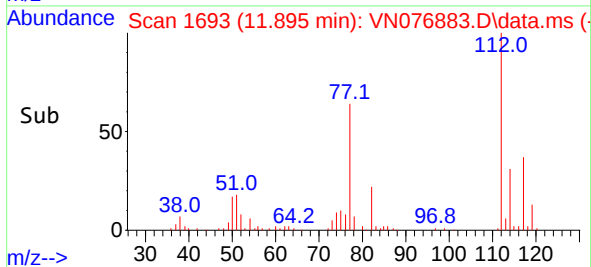
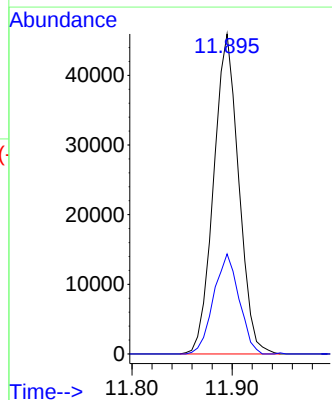
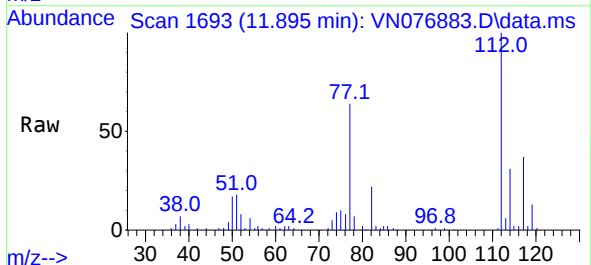
Manual Integrations
APPROVED

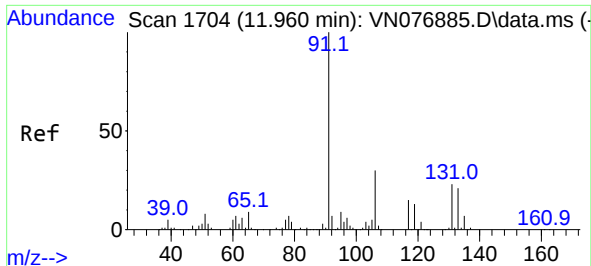
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#64
Chlorobenzene
Concen: 5.411 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion:112 Resp: 79883
Ion Ratio Lower Upper
112 100
114 30.9 24.5 36.7





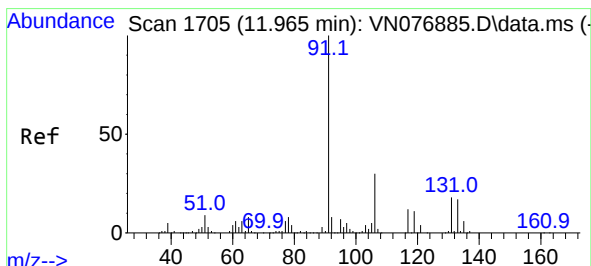
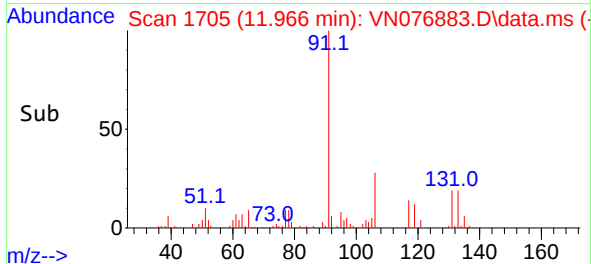
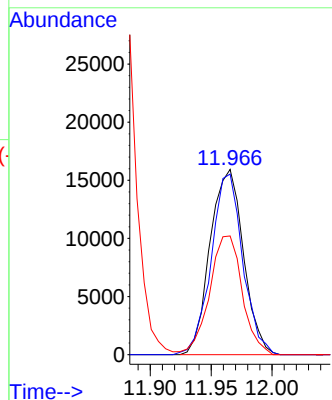
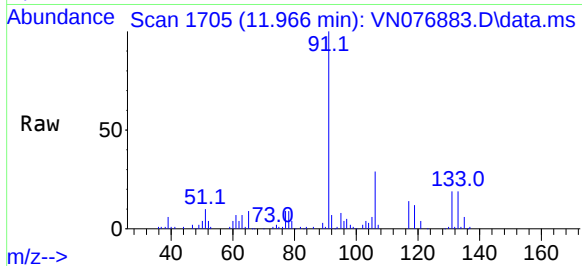
#65
1,1,1,2-Tetrachloroethane
Concen: 5.572 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 30360
Ion Ratio Lower Upper
131 100
133 92.8 0.0 197.6
119 63.0 0.0 127.8

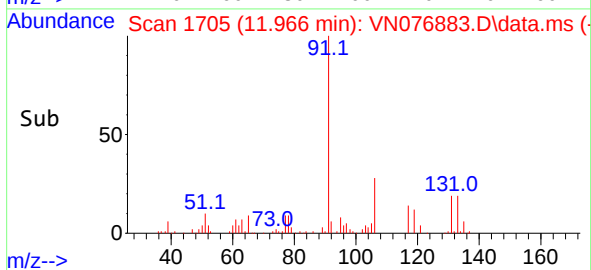
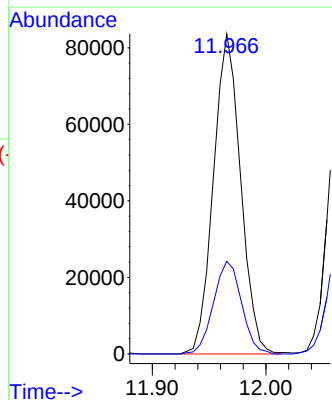
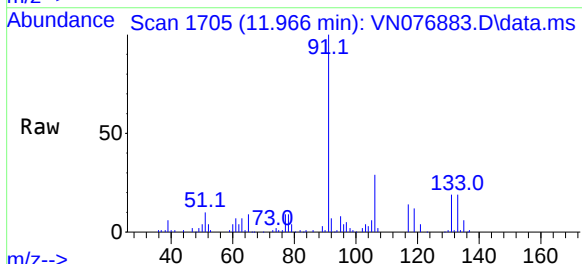
Manual Integrations
APPROVED

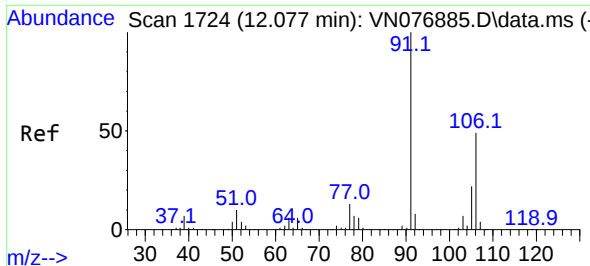
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#66
Ethyl Benzene
Concen: 5.202 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 91 Resp: 138920
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.8





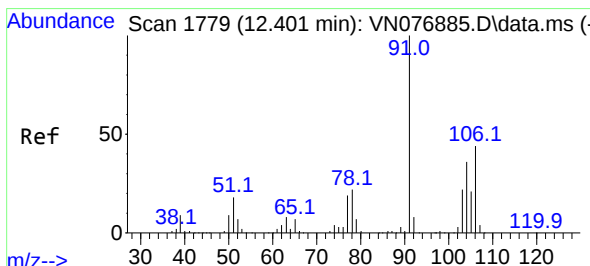
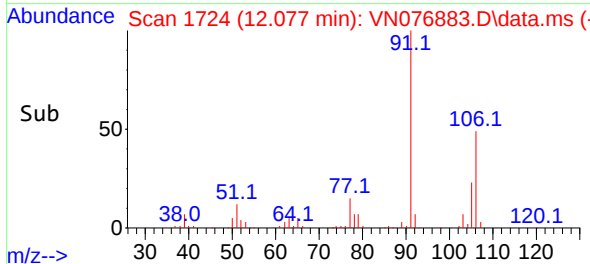
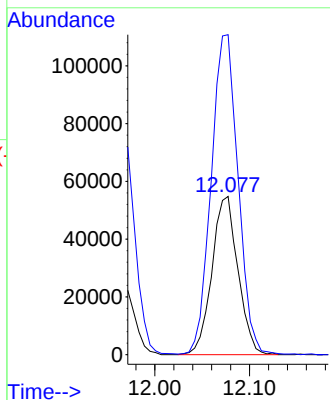
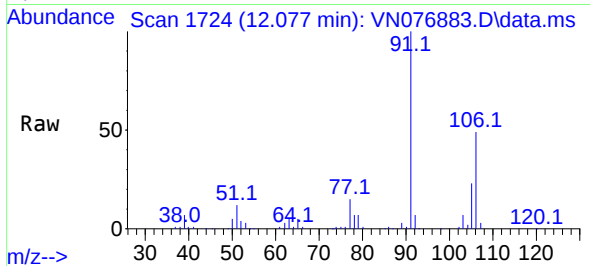
#67
m/p-Xylenes
Concen: 10.123 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 10449
Ion Ratio Lower Upper
106 100
91 209.4 157.4 236.2

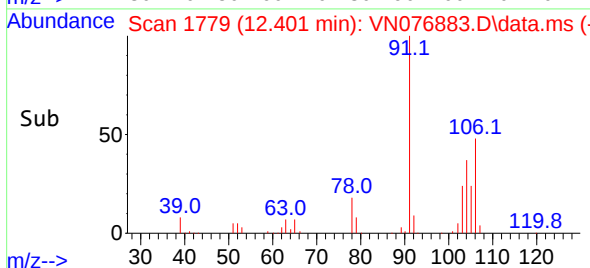
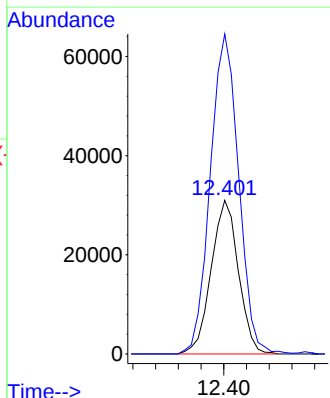
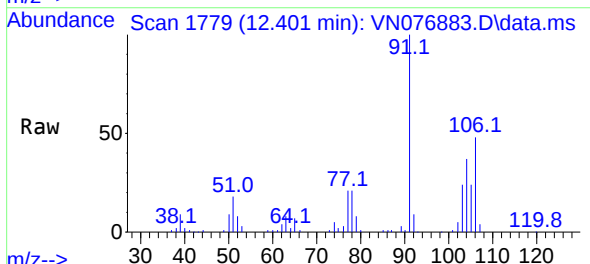
Manual Integrations
APPROVED

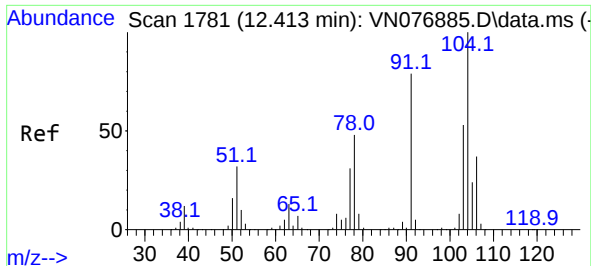
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#68
o-Xylene
Concen: 5.091 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion:106 Resp: 51708
Ion Ratio Lower Upper
106 100
91 216.6 107.2 321.6





#69
Styrene
Concen: 4.961 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

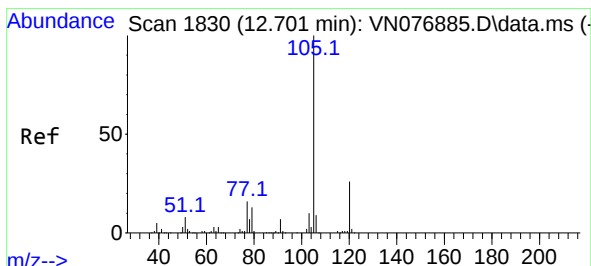
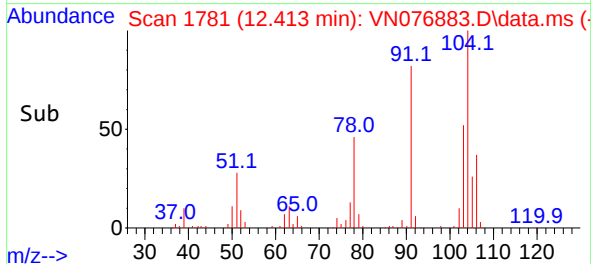
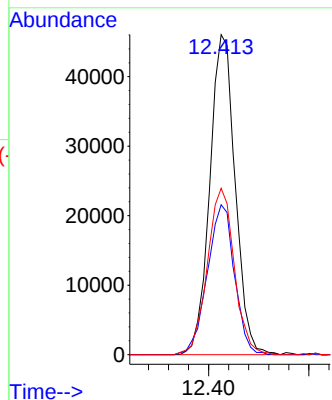
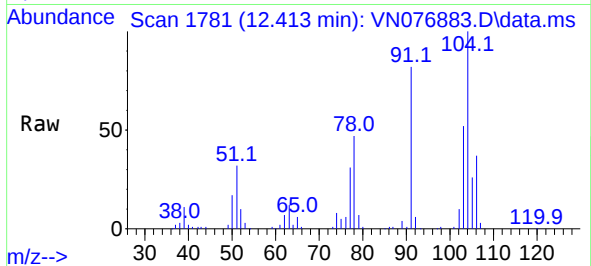
VSTDICC005

Tgt Ion:104 Resp: 80989
Ion Ratio Lower Upper
104 100
78 49.9 39.6 59.4
103 55.1 43.9 65.9

Manual Integrations

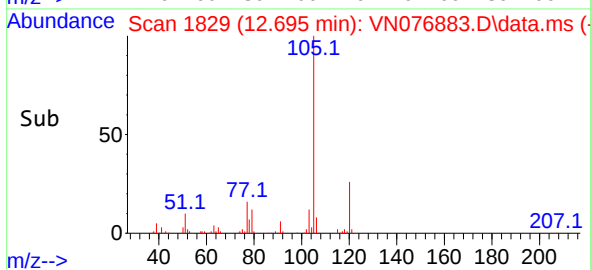
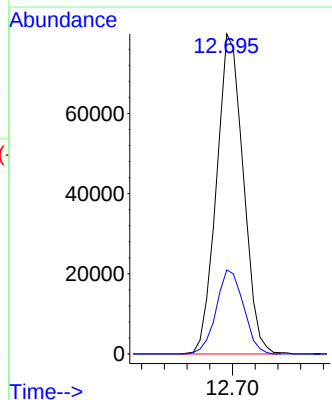
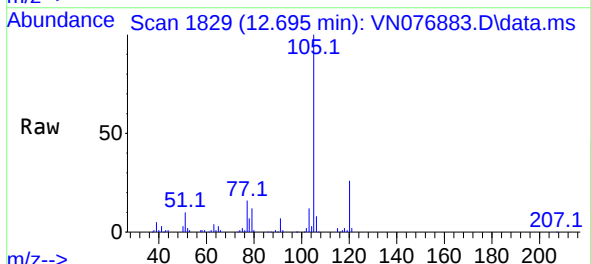
APPROVED

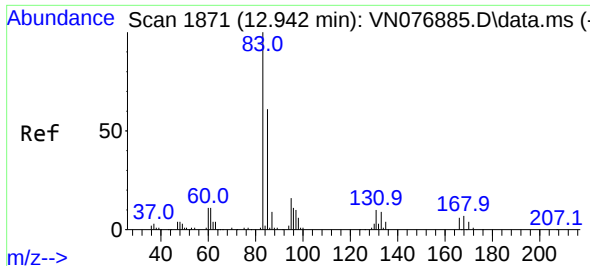
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
Isopropylbenzene
Concen: 5.033 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

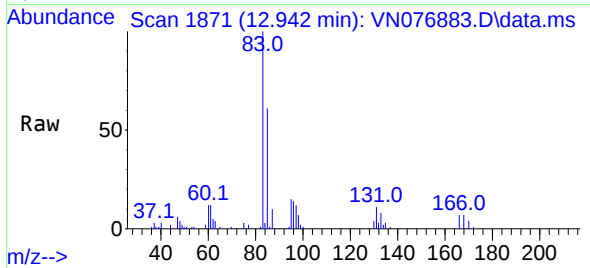
Tgt Ion:105 Resp: 130841
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 5.331 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

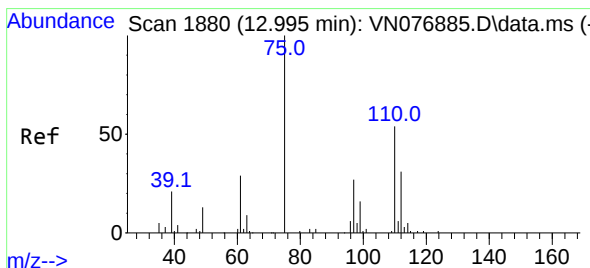
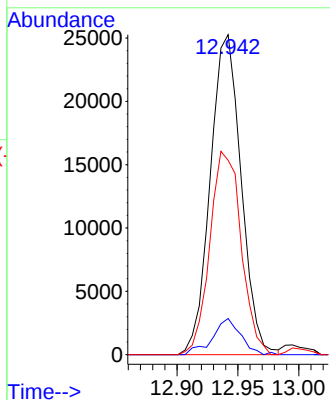
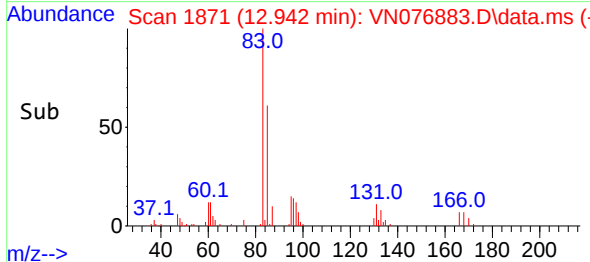
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



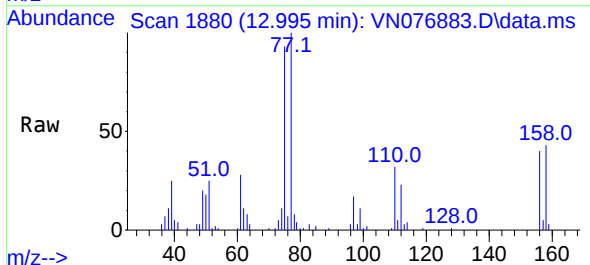
Tgt Ion: 83 Resp: 44510
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 64.3 32.3 96.9

Manual Integrations
APPROVED

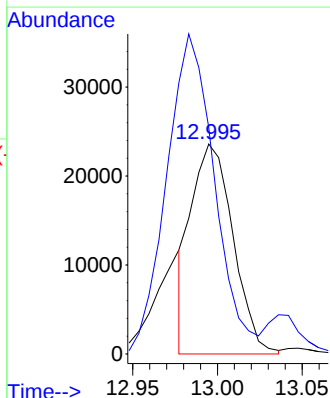
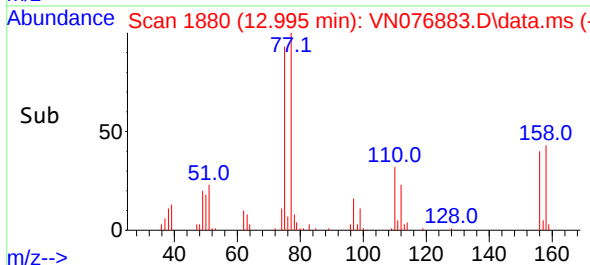
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

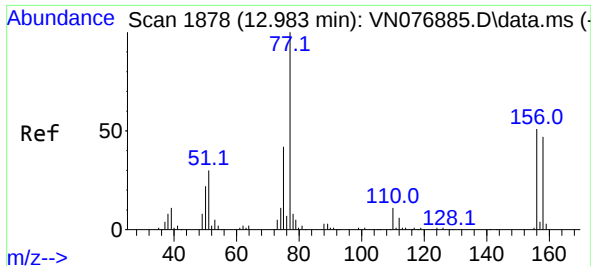


#72
1,2,3-Trichloropropane
Concen: 5.391 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



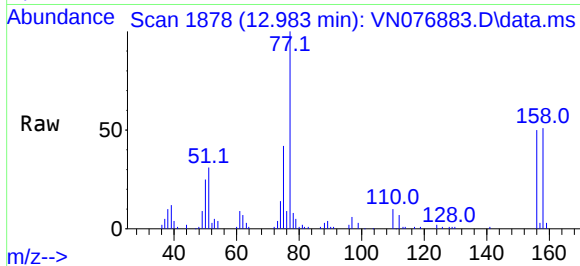
Tgt Ion: 75 Resp: 40448
Ion Ratio Lower Upper
75 100
77 175.9 0.0 332.6





#73
Bromobenzene
Concen: 5.232 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

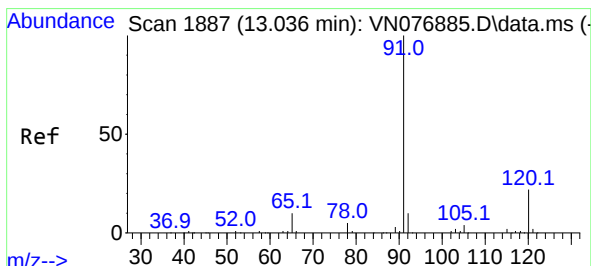
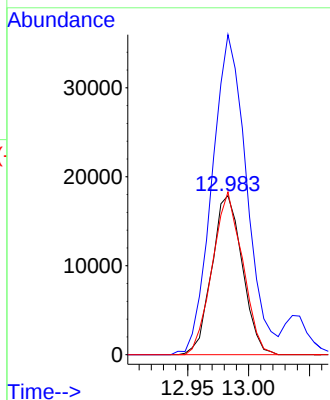
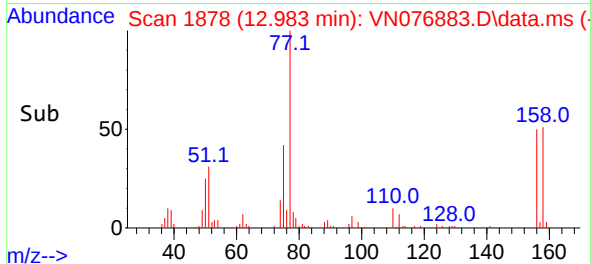
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



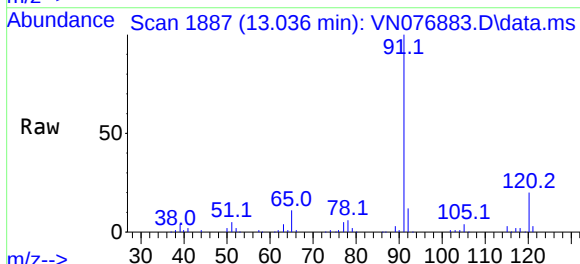
Tgt Ion:156 Resp: 31229
Ion Ratio Lower Upper
156 100
77 227.8 0.0 423.0
158 101.2 0.0 188.6

Manual Integrations
APPROVED

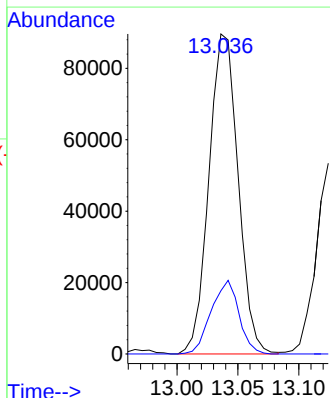
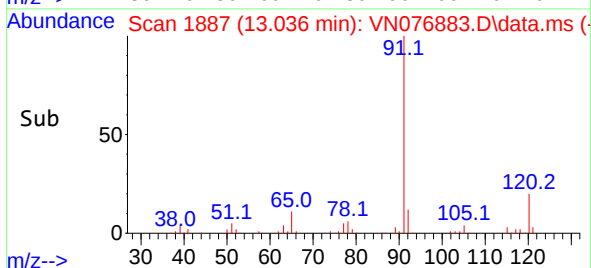
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

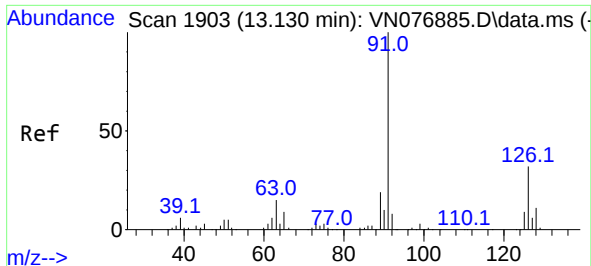


#74
n-propylbenzene
Concen: 4.818 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion: 91 Resp: 149604
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0





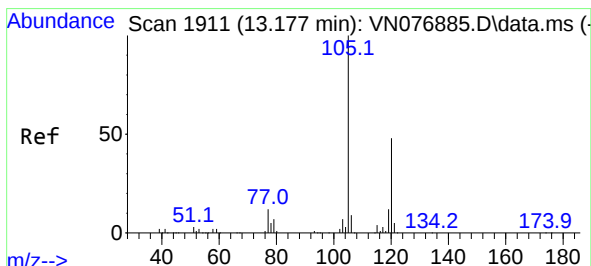
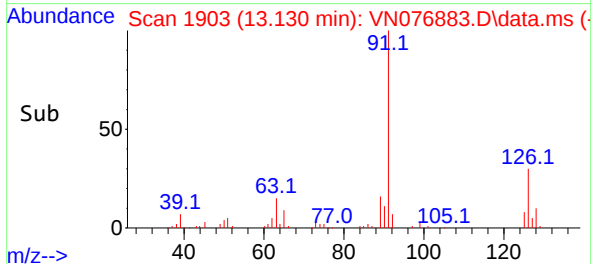
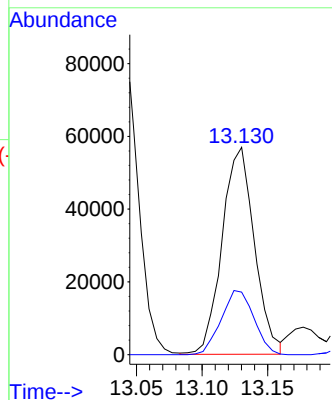
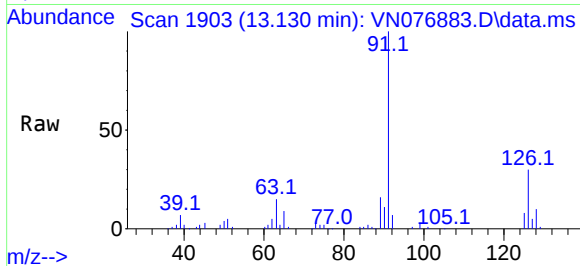
#75
2-Chlorotoluene
Concen: 5.250 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 9766
Ion Ratio Lower Upper
91 100
126 31.4 0.0 66.4

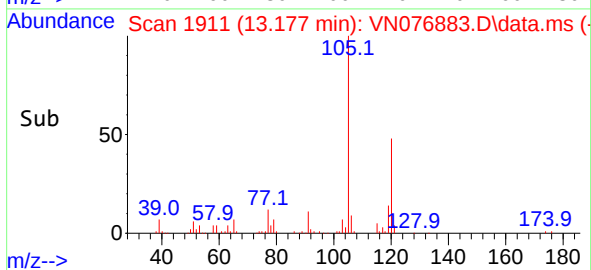
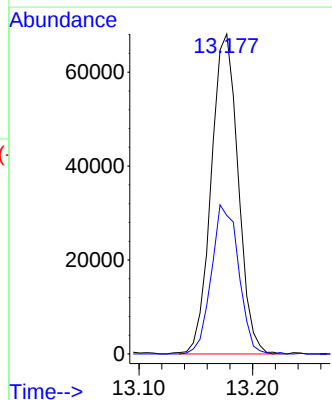
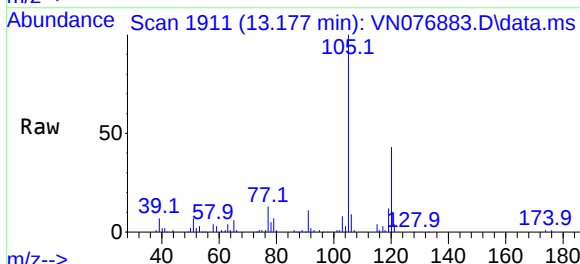
Manual Integrations
APPROVED

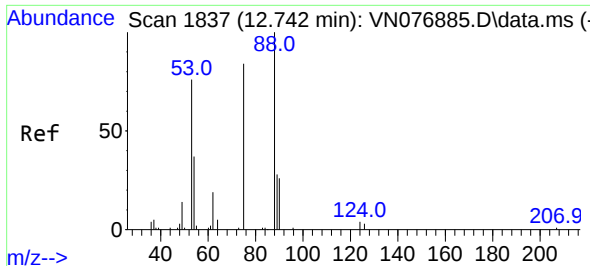
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 5.126 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

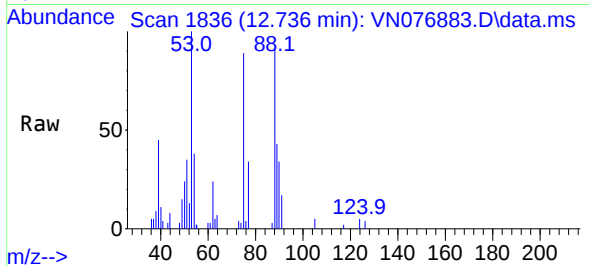
Tgt Ion:105 Resp: 112015
Ion Ratio Lower Upper
105 100
120 47.0 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.802 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

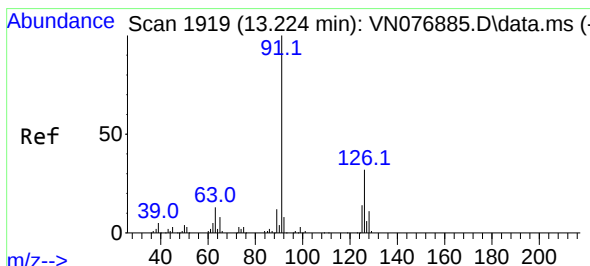
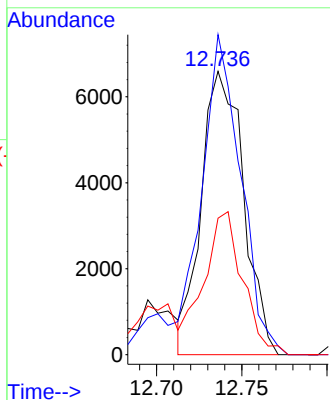
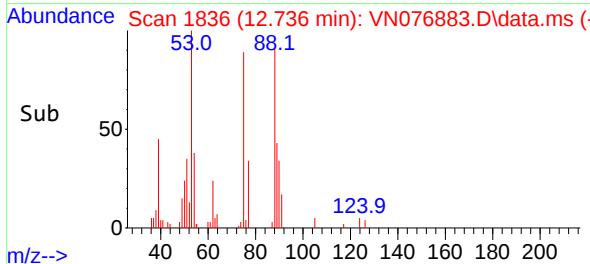
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



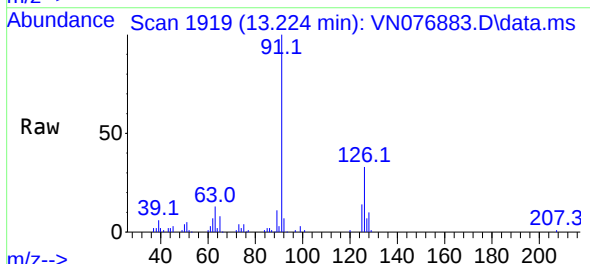
Tgt Ion: 75 Resp: 1136
Ion Ratio Lower Upper
75 100
53 109.9 50.4 151.3
89 45.0 22.1 66.5

Manual Integrations
APPROVED

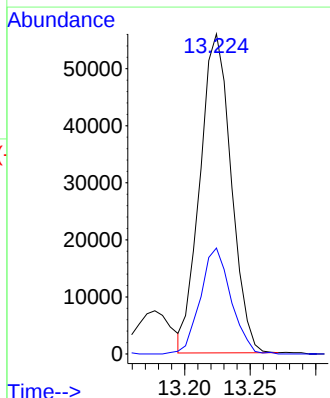
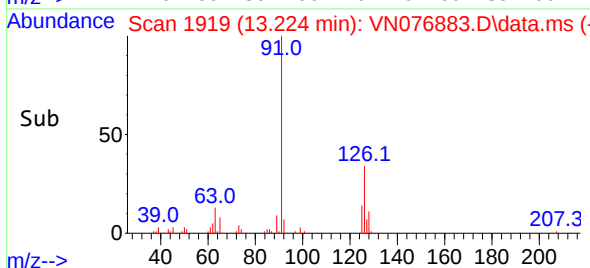
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

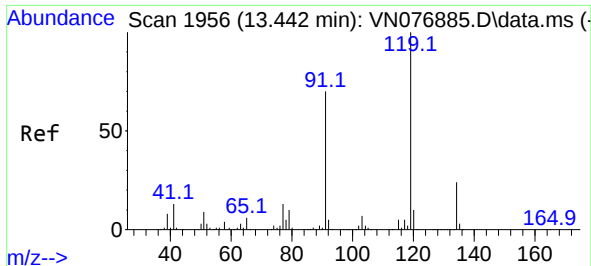


#78
4-Chlorotoluene
Concen: 5.194 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion: 91 Resp: 92541
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6





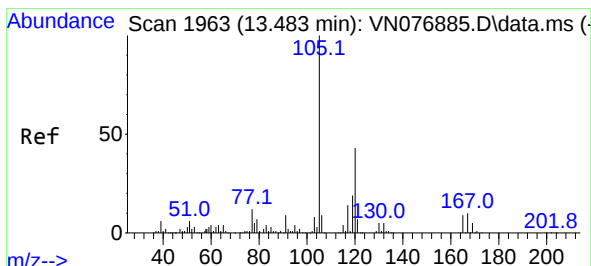
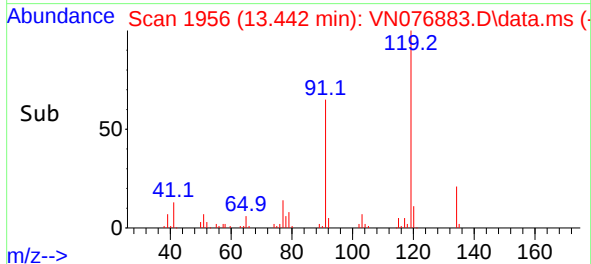
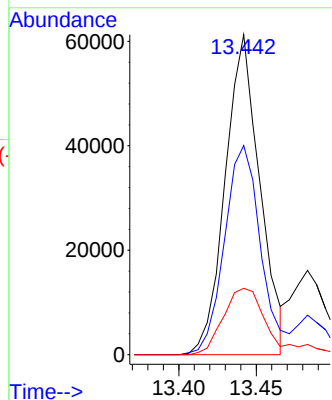
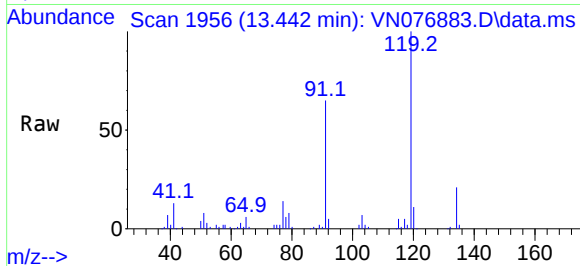
#79
tert-butylbenzene
Concen: 5.000 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 95279
Ion Ratio Lower Upper
119 100
91 68.6 0.0 129.6
134 23.9 0.0 47.8

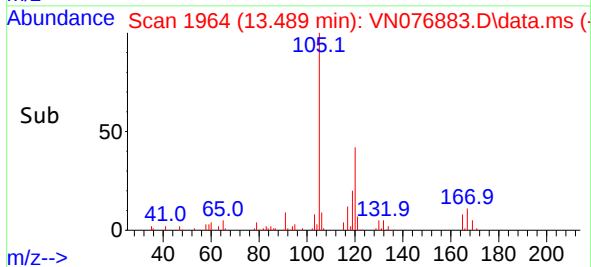
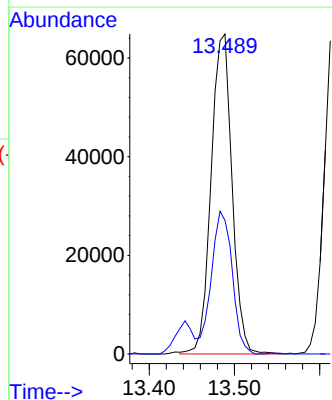
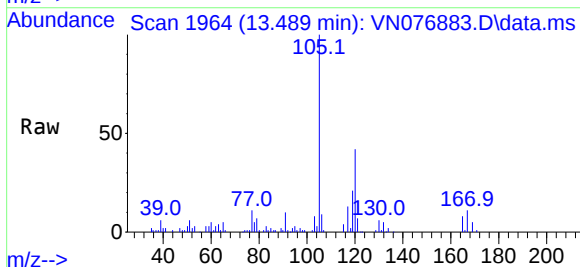
Manual Integrations
APPROVED

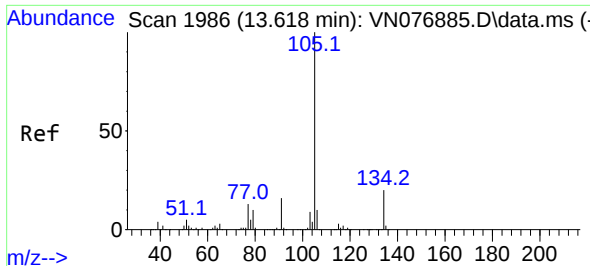
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 5.143 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion:105 Resp: 110953
Ion Ratio Lower Upper
105 100
120 44.9 0.0 93.2





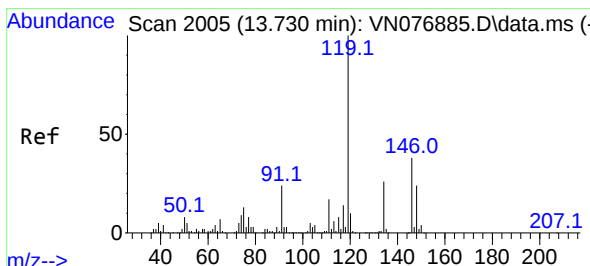
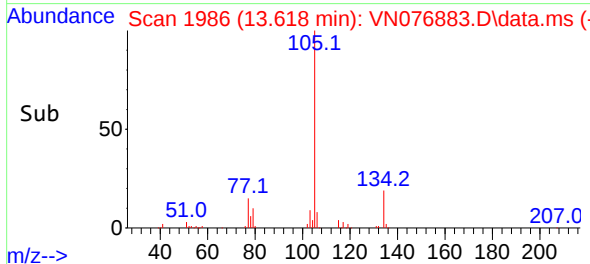
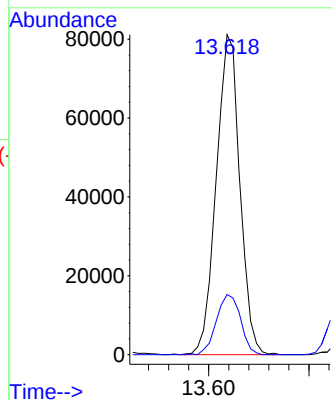
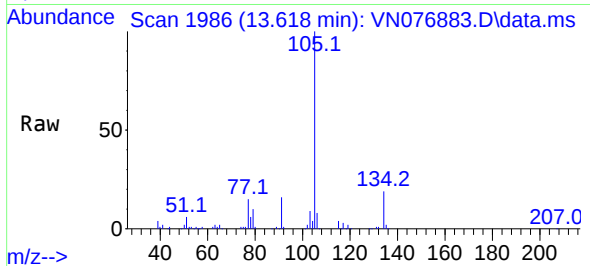
#81
 sec-Butylbenzene
 Concen: 4.825 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076883.D
 Acq: 08 Mar 2023 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 132452
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

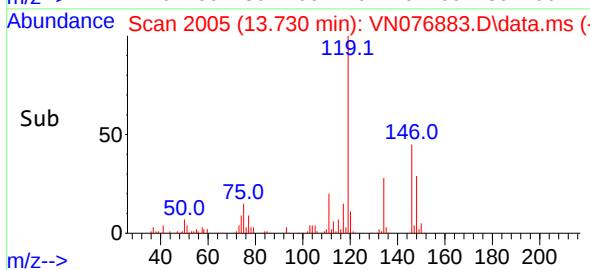
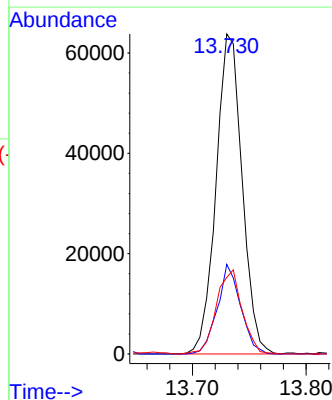
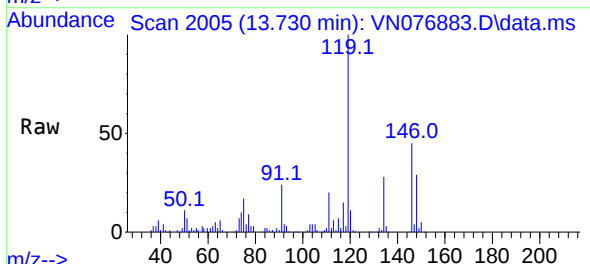
Manual Integrations
 APPROVED

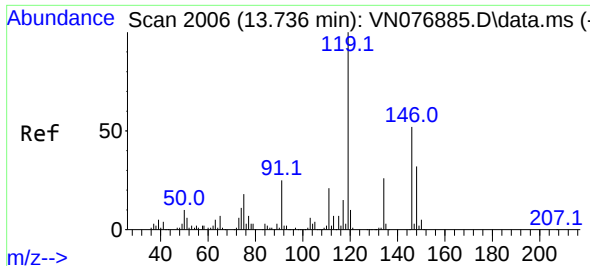
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#82
 p-Isopropyltoluene
 Concen: 4.577 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076883.D
 Acq: 08 Mar 2023 17:59

Tgt Ion:119 Resp: 101728
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 53.4
 91 26.0 0.0 47.2





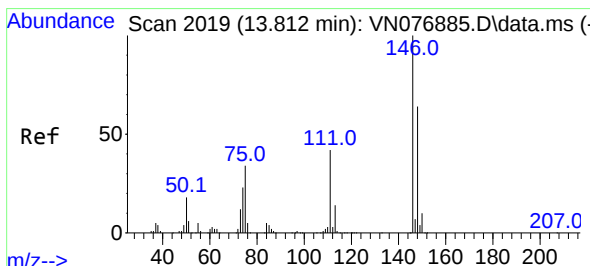
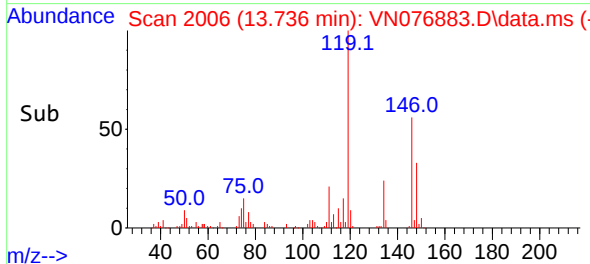
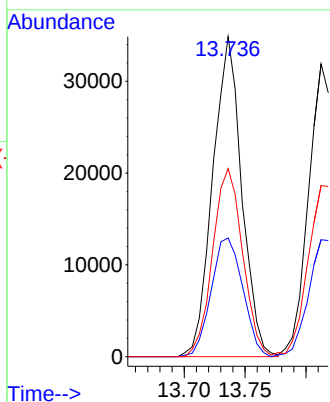
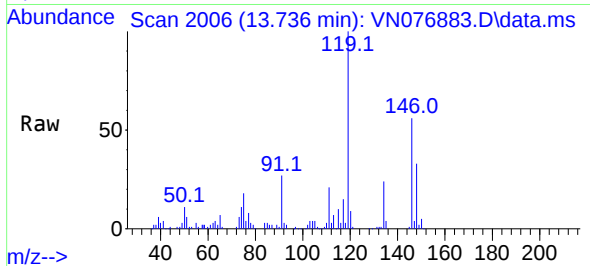
#83
1,3-Dichlorobenzene
Concen: 5.080 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 57590
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 60.8 31.9 95.5

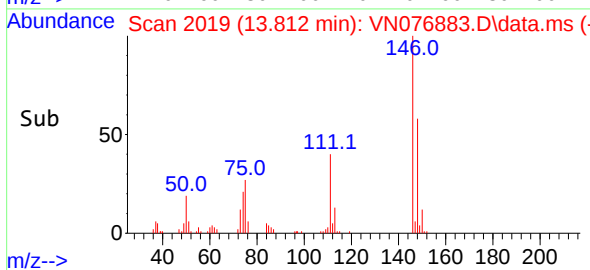
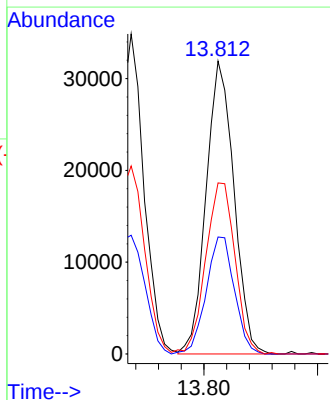
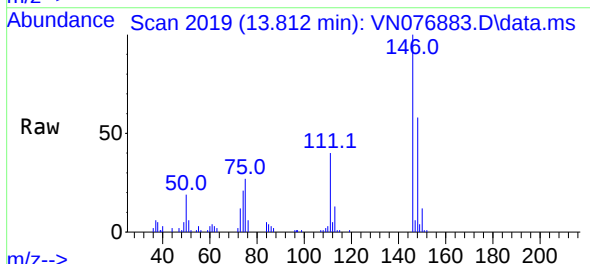
Manual Integrations
APPROVED

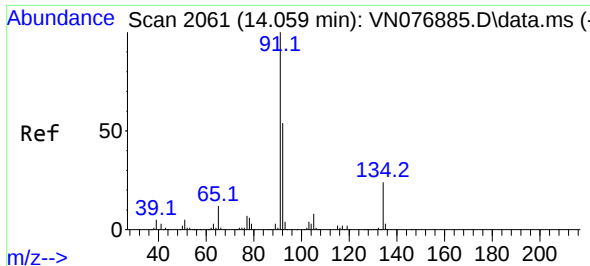
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#84
1,4-Dichlorobenzene
Concen: 4.880 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion:146 Resp: 54244
Ion Ratio Lower Upper
146 100
111 40.5 18.2 54.6
148 61.0 31.1 93.2





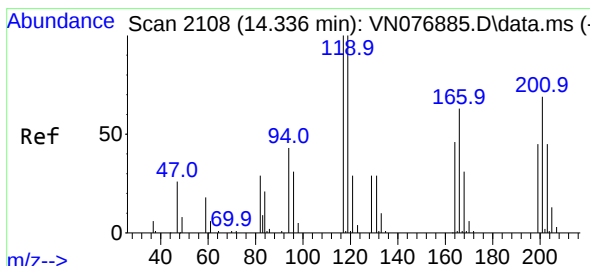
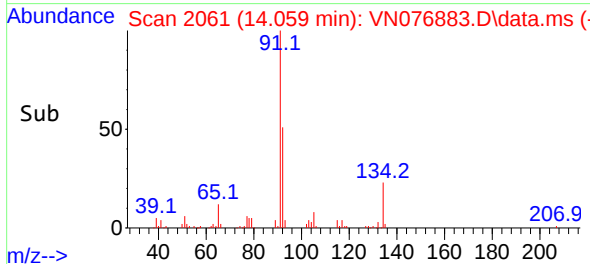
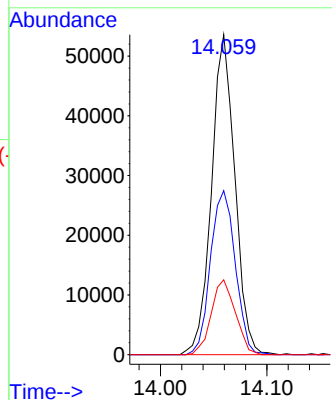
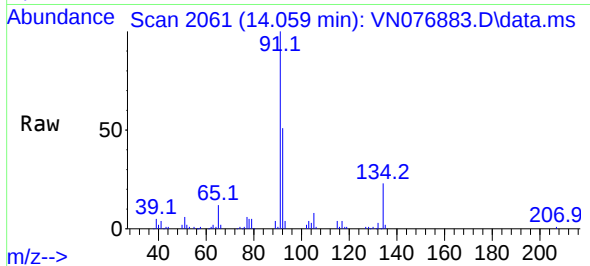
#85
n-Butylbenzene
Concen: 4.318 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8168
Ion Ratio Lower Upper
91 100
92 54.4 0.0 103.2
134 24.2 0.0 50.0

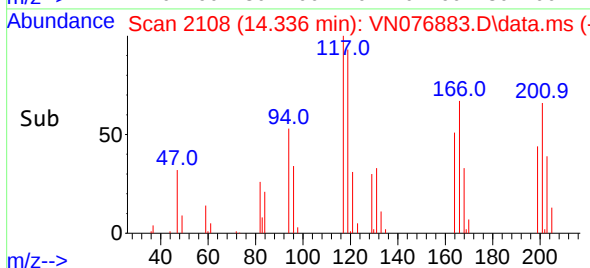
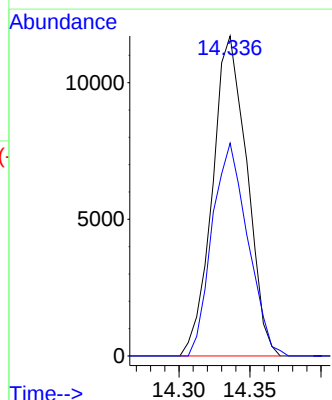
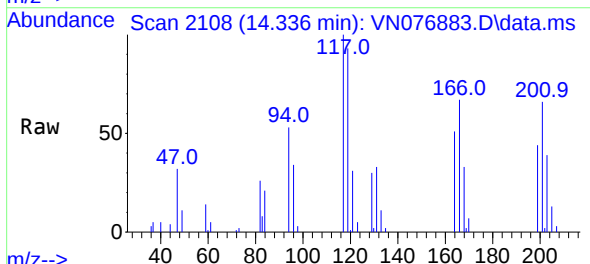
Manual Integrations
APPROVED

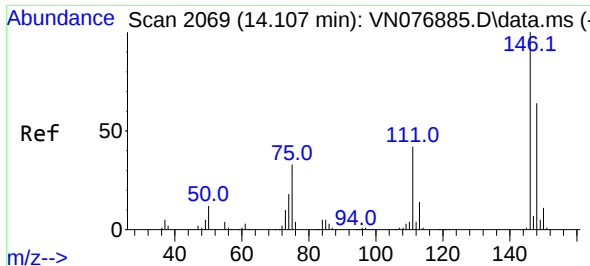
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#86
Hexachloroethane
Concen: 4.662 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Tgt Ion:117 Resp: 19777
Ion Ratio Lower Upper
117 100
201 68.7 32.2 96.6





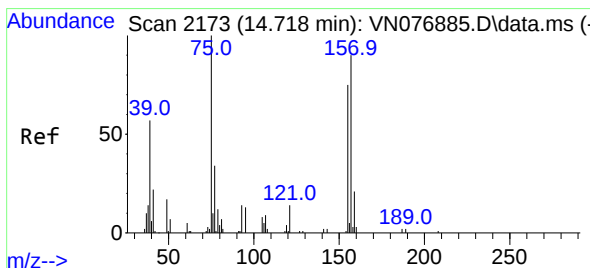
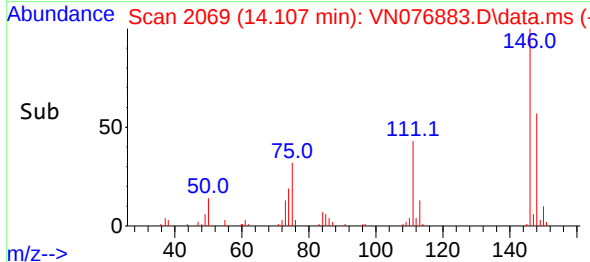
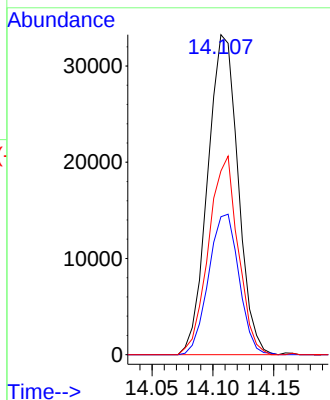
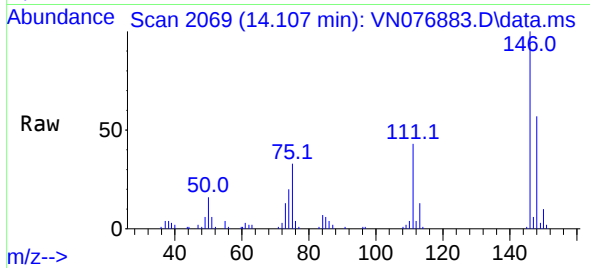
#87
1,2-Dichlorobenzene
Concen: 5.088 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5770
Ion Ratio Lower Upper
146 100
111 44.0 20.5 61.6
148 60.4 32.5 97.5

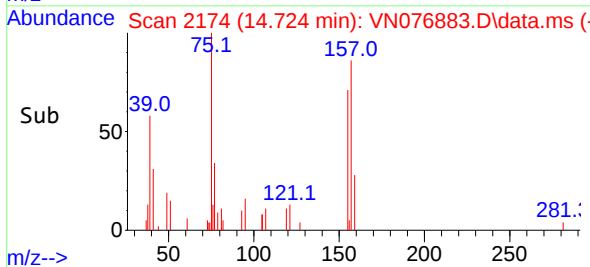
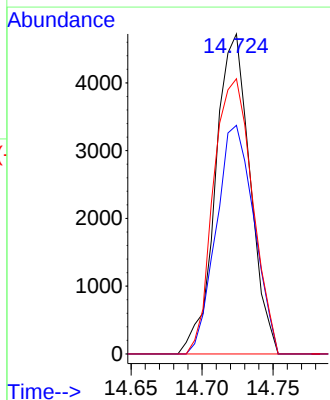
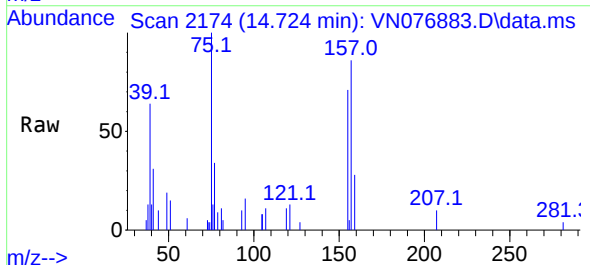
Manual Integrations
APPROVED

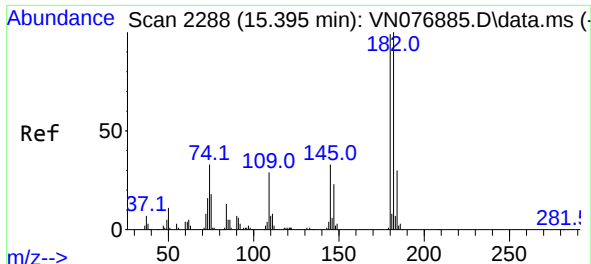
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.052 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

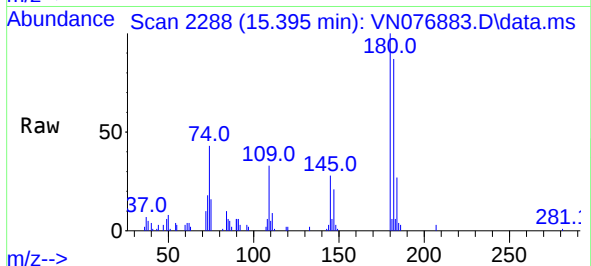
Tgt Ion: 75 Resp: 7982
Ion Ratio Lower Upper
75 100
155 78.1 62.5 93.7
157 96.9 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 4.360 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

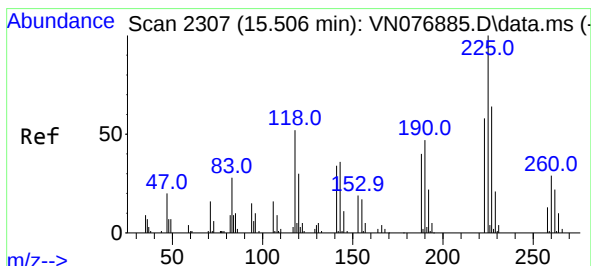
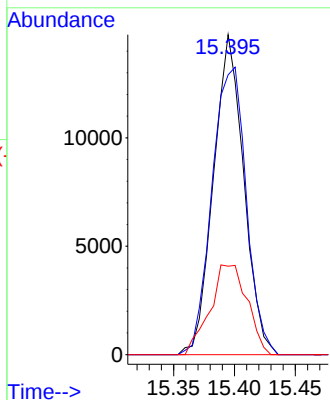
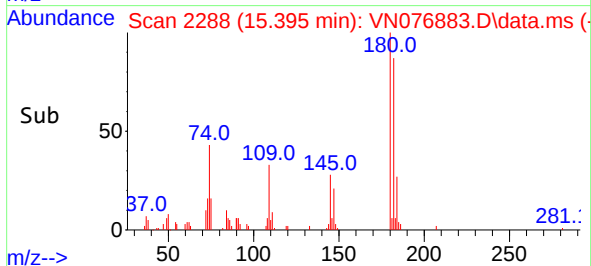
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



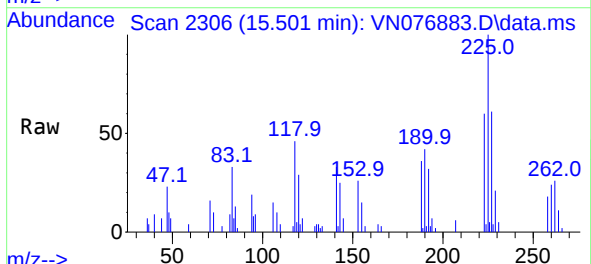
Tgt Ion:180 Resp: 2554
Ion Ratio Lower Upper
180 100
182 101.6 76.6 115.0
145 34.4 24.6 36.8

Manual Integrations
APPROVED

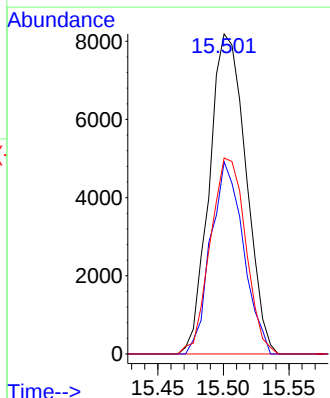
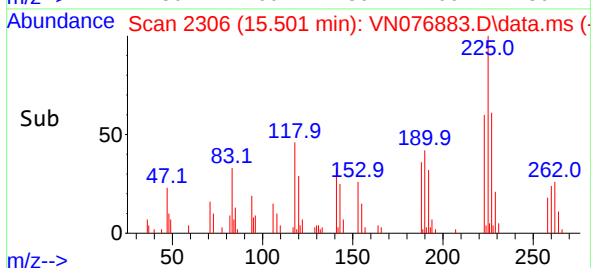
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

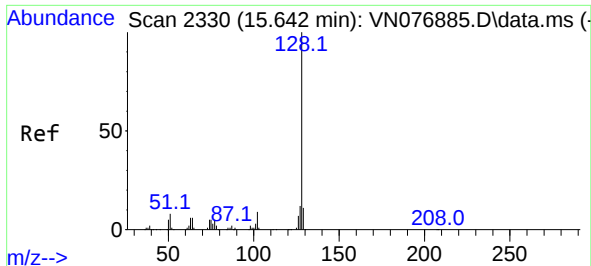


#90
Hexachlorobutadiene
Concen: 5.550 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



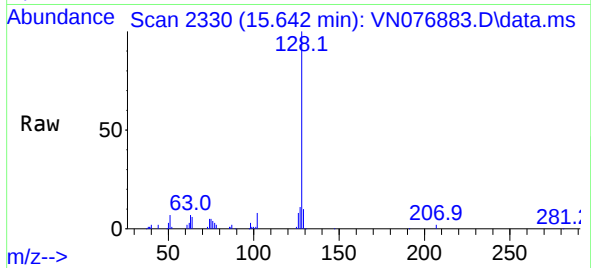
Tgt Ion:225 Resp: 15878
Ion Ratio Lower Upper
225 100
223 53.6 0.0 135.4
227 59.2 0.0 129.4





#91
Naphthalene
Concen: 4.265 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59

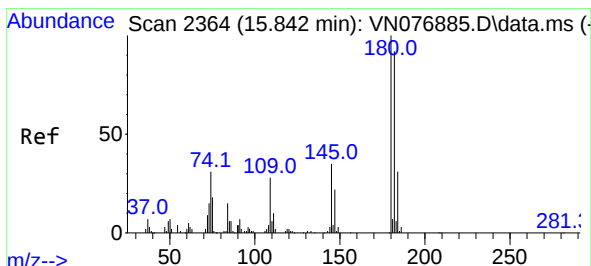
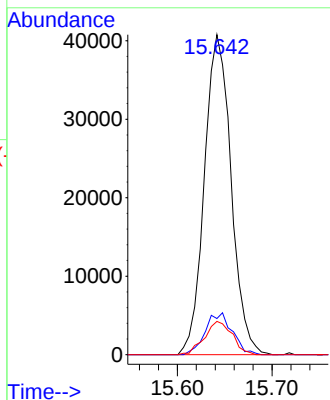
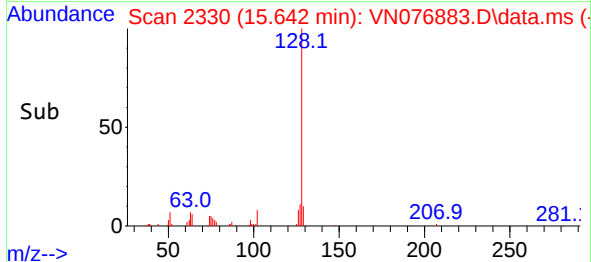
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



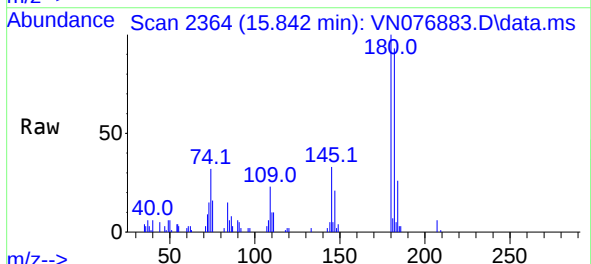
Tgt Ion:128 Resp: 8011
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 4.611 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076883.D
Acq: 08 Mar 2023 17:59



Tgt Ion:180 Resp: 27469
Ion Ratio Lower Upper
180 100
182 92.2 0.0 190.8
145 33.4 0.0 65.0

