

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076684.D
 Acq On : 15 Feb 2023 14:04
 Operator : JC\MD
 Sample : VN0215WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 04:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	34142	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	251751	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	286128	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	100746	32.263	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	107.533%		
60) 4-Bromofluorobenzene	12.854	95	148794	29.400	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.000%		
63) Toluene-d8	10.572	98	289028	28.839	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.133%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	77141	21.351	ug/l	87
3) Chloromethane	2.378	50	96192	21.682	ug/l	99
4) Vinyl Chloride	2.525	62	103521	21.862	ug/l	98
5) Bromomethane	2.954	94	72233	22.094	ug/l	93
6) Chloroethane	3.131	64	69897	22.762	ug/l	99
7) Trichlorofluoromethane	3.507	101	126939	21.504	ug/l	97
8) Diethyl Ether	3.978	74	53214	22.721	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	76119	21.218	ug/l	98
10) 1,1-Dichloroethene	4.354	96	72069	21.390	ug/l	96
11) Methyl Iodide	4.601	142	90801	21.596	ug/l	90
12) Methyl Acetate	5.043	43	152289	22.047	ug/l	96
13) Acrolein	4.190	56	81471	99.306	ug/l	96
14) Acrylonitrile	5.731	53	228614	107.842	ug/l	99
15) Acetone	4.443	58	71815	104.632	ug/l	100
16) Carbon Disulfide	4.725	76	205048	21.696	ug/l	100
17) Allyl chloride	5.043	41	127218	21.094	ug/l	97
18) Methylene Chloride	5.284	84	89141	20.960	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	78763	20.843	ug/l #	89
20) Diisopropyl ether	6.690	45	313496	21.982	ug/l	97
21) 1,1-Dichloroethane	6.578	63	161516	21.651	ug/l	99
22) cis-1,2-Dichloroethene	7.501	96	94521	21.802	ug/l #	89
23) tert-Butyl Alcohol	5.537	59	74214	121.134	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	262750m	22.538	ug/l	
25) Chloroform	7.972	83	161338	22.055	ug/l	99
26) Cyclohexane	8.266	56	151123	22.666	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	119750	20.853	ug/l	97
30) 2-Butanone	7.489	43	347612	103.775	ug/l	99
31) 2,2-Dichloropropane	7.501	77	122457	20.404	ug/l #	61
32) 1,1,1-Trichloroethane	8.172	97	138134	20.720	ug/l	97
33) Carbon Tetrachloride	8.366	117	118637	20.538	ug/l	90
34) Benzene	8.613	78	378201	20.629	ug/l	97
35) Methacrylonitrile	7.789	41	74730	20.453	ug/l	95
36) 1,2-Dichloroethane	8.678	62	132916	21.660	ug/l	100
37) Trichloroethene	9.354	130	85103	19.960	ug/l	95
38) Methylcyclohexane	9.607	83	149856	20.737	ug/l	97
39) 1,2-Dichloropropane	9.625	63	98599	20.694	ug/l	90
40) Dibromomethane	9.713	93	60937	20.054	ug/l	94
41) Bromodichloromethane	9.889	83	123955	20.337	ug/l	98
42) Vinyl Acetate	6.613	43	1021908	105.269	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	141544	22.179	ug/l	98
44) Isopropyl Acetate	8.695	43	222859	21.214	ug/l	99
45) 1,4-Dioxane	9.695	88	38642	434.613	ug/l	98
46) Methyl methacrylate	9.683	41	105727	21.924	ug/l	97
47) n-amyl Acetate	12.495	43	193941	20.906	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	129993	21.028	ug/l	96
49) cis-1,3-Dichloropropene	10.319	75	142641	20.272	ug/l	94
50) 1,1,2-Trichloroethane	11.019	97	92346	20.906	ug/l	97
51) Ethyl methacrylate	10.878	69	138386	21.578	ug/l	96
52) 1,3-Dichloropropane	11.166	76	159969	21.065	ug/l	99
53) Dibromochloromethane	11.366	129	91106	20.079	ug/l	99
54) 1,2-Dibromoethane	11.472	107	89130	20.727	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	264586	93.062	ug/l	99
56) Bromoform	12.583	173	62839	20.109	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	714311	104.965	ug/l	100
59) 2-Hexanone	11.201	43	526234	103.961	ug/l	99
61) Tetrachloroethene	11.107	164	70255	19.444	ug/l	95
62) Toluene	10.636	91	401300	20.069	ug/l	100
64) Chlorobenzene	11.895	112	245445	20.603	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.960	131	85238	19.518	ug/l	95
66) Ethyl Benzene	11.966	91	434024	20.417	ug/l	94
67) m/p-Xylenes	12.072	106	350192	42.126	ug/l	100
68) o-Xylene	12.401	106	170713	20.839	ug/l	97
69) Styrene	12.413	104	274046	20.837	ug/l	98
70) Isopropylbenzene	12.701	105	438925	21.002	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	140018	20.478	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	124480m	20.667	ug/l	
73) Bromobenzene	12.983	156	101221	20.873	ug/l	99
74) n-propylbenzene	13.042	91	513751	20.640	ug/l	99
75) 2-Chlorotoluene	13.130	91	307155	20.737	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	370612	21.263	ug/l	97
77) t-1,4-Dichloro-2-butene	12.736	75	41020	21.197	ug/l	98
78) 4-Chlorotoluene	13.224	91	294000	20.705	ug/l	100
79) tert-butylbenzene	13.442	119	319177	20.682	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	375259	21.682	ug/l	98
81) sec-Butylbenzene	13.618	105	466013	21.028	ug/l	99
82) p-Isopropyltoluene	13.736	119	373669	20.797	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	193283	20.859	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	182844	20.231	ug/l	96
85) n-Butylbenzene	14.060	91	317371	20.841	ug/l	100
86) Hexachloroethane	14.336	117	69957	20.113	ug/l	96
87) 1,2-Dichlorobenzene	14.113	146	189252	20.312	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	25624	20.217	ug/l	95
89) 1,2,4-Trichlorobenzene	15.395	180	95803	20.156	ug/l	98
90) Hexachlorobutadiene	15.507	225	46144	20.152	ug/l	93
91) Naphthalene	15.642	128	324567	21.238	ug/l	97
92) 1,2,3-Trichlorobenzene	15.842	180	97693	20.250	ug/l	97

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

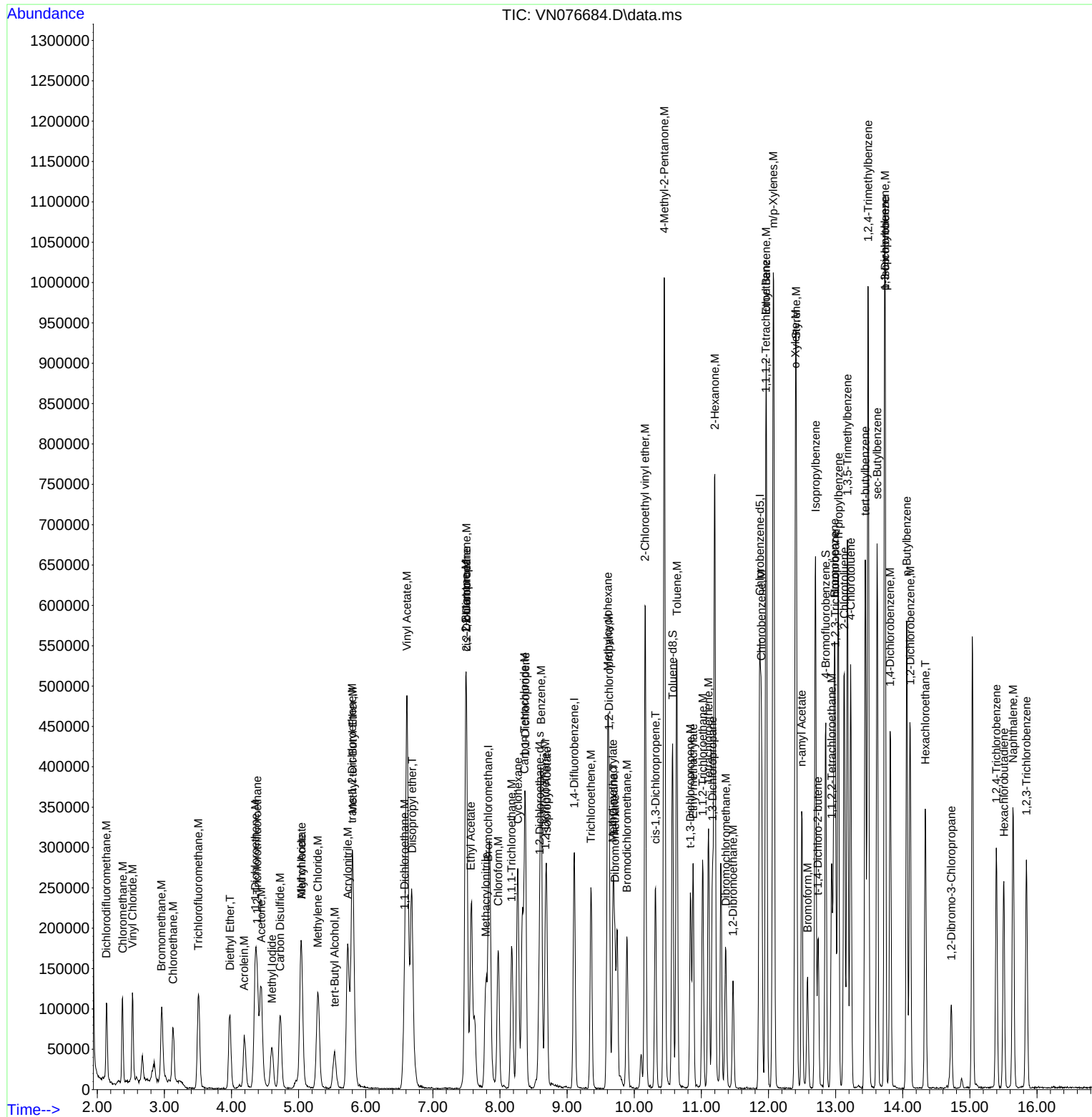
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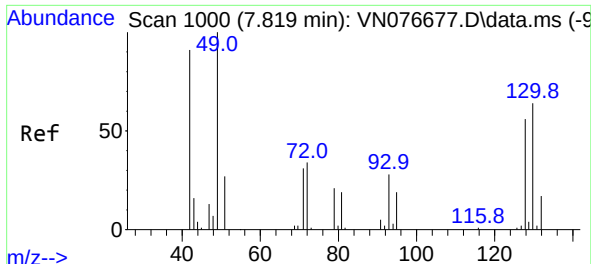
Instrument :
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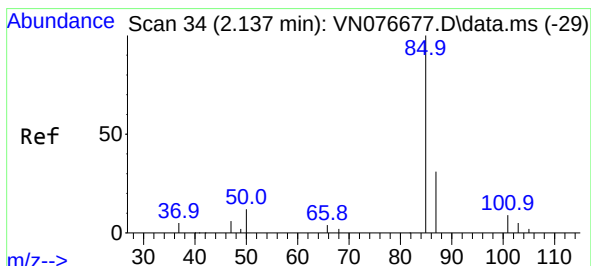
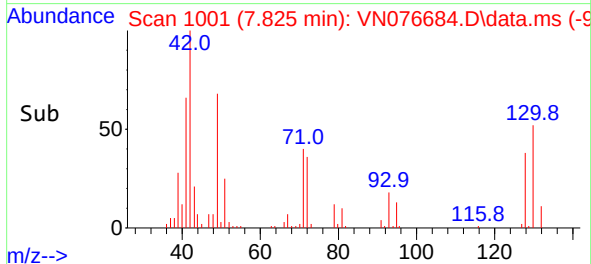
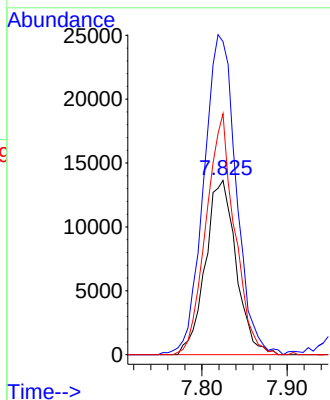
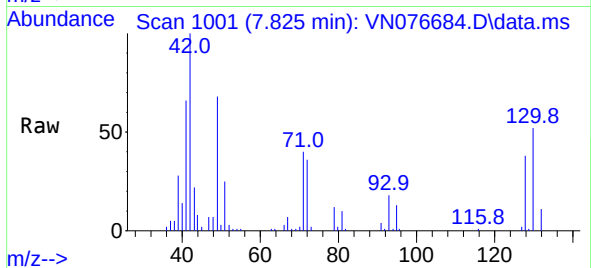
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:128 Resp: 3414
Ion Ratio Lower Upper
128 100
49 193.2 0.0 461.8
130 128.7 0.0 295.3

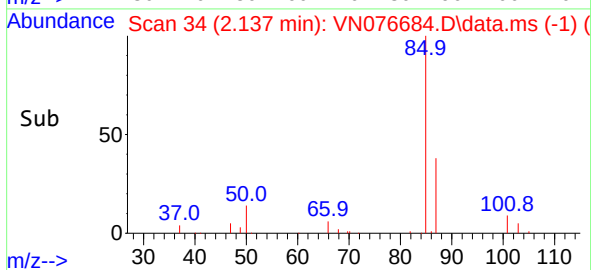
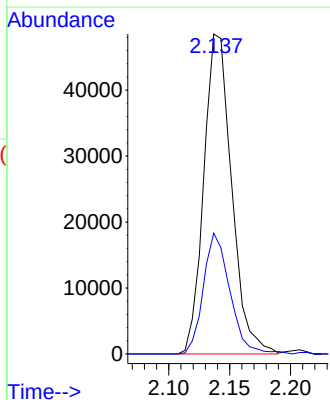
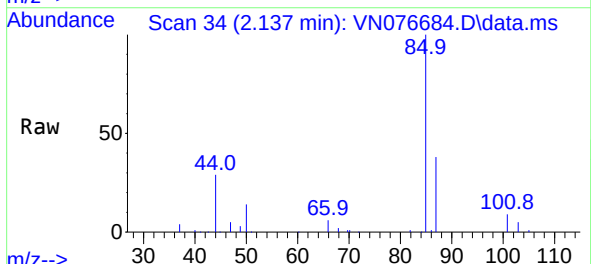
Manual Integrations
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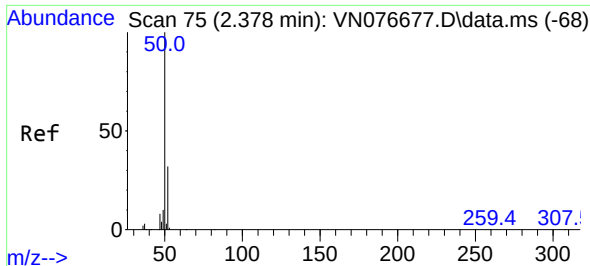
Reviewed By :John Carlone 02/16/2023
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#2
Dichlorodifluoromethane
Concen: 21.351 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

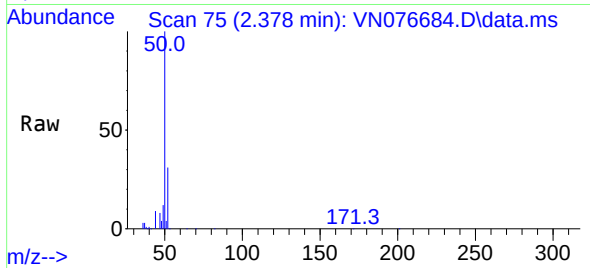
Tgt Ion: 85 Resp: 77141
Ion Ratio Lower Upper
85 100
87 37.8 15.4 46.1





#3
Chloromethane
Concen: 21.682 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

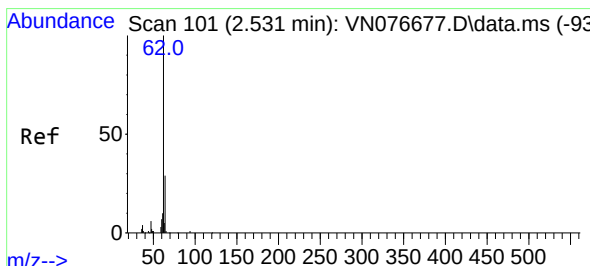
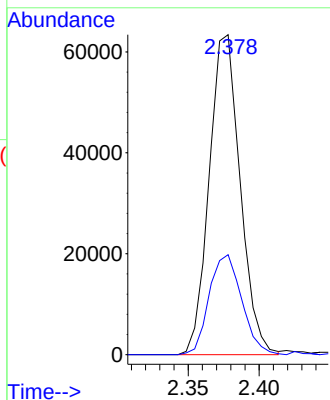
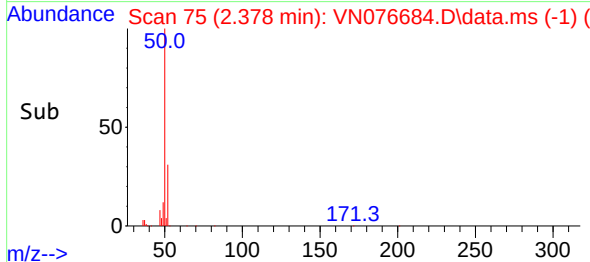
Instrument :
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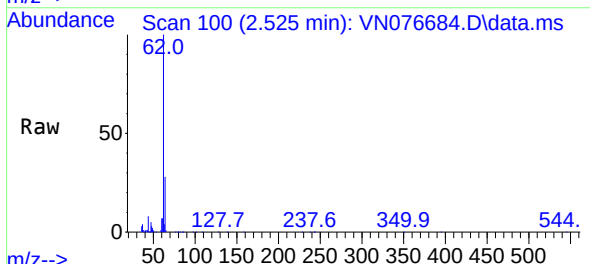
Tgt Ion: 50 Resp: 96192
Ion Ratio Lower Upper
50 100
52 31.3 25.3 37.9

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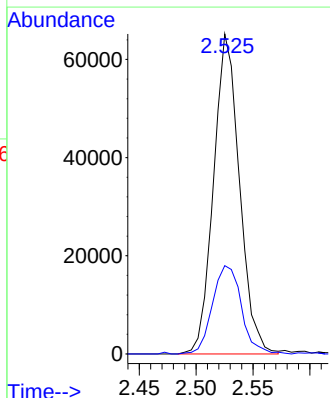
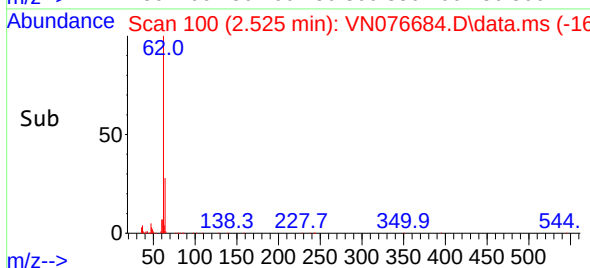
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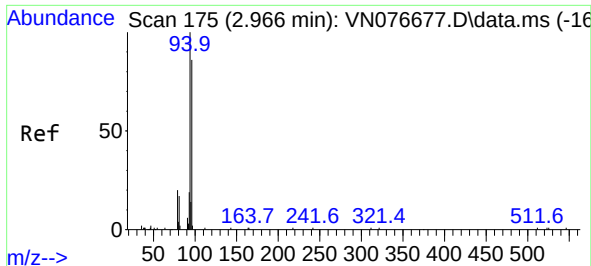


#4
Vinyl Chloride
Concen: 21.862 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



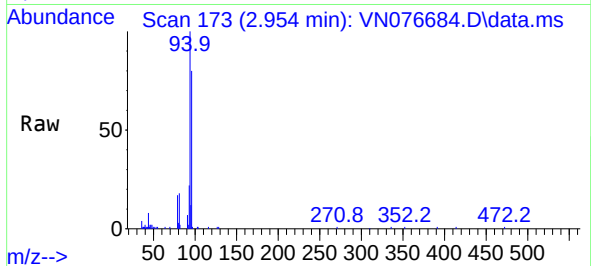
Tgt Ion: 62 Resp: 103521
Ion Ratio Lower Upper
62 100
64 27.6 23.1 34.7





#5
Bromomethane
Concen: 22.094 ug/l
RT: 2.954 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

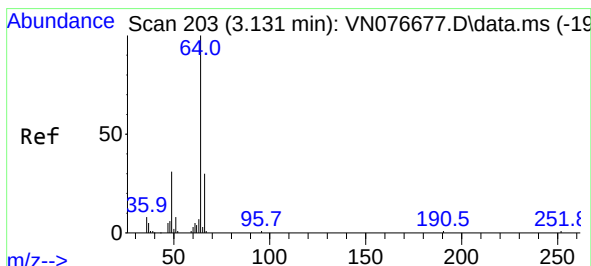
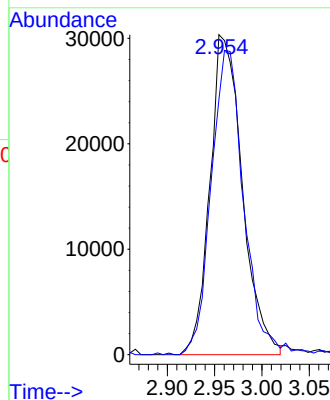
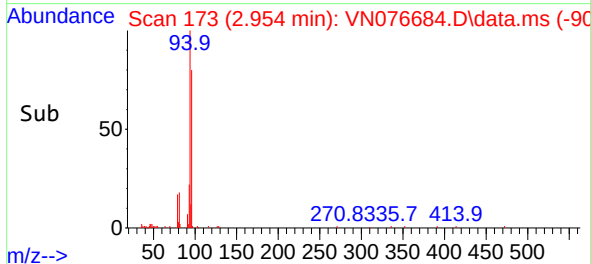
Instrument :
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Tgt Ion: 94 Resp: 7223
Ion Ratio Lower Upper
94 100
96 79.7 68.6 103.0

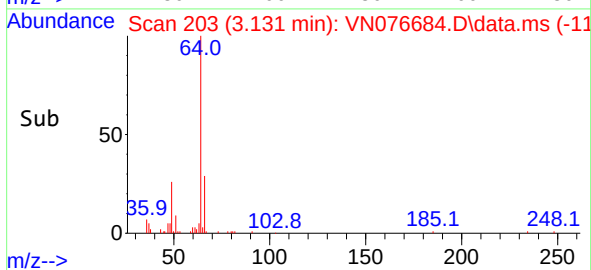
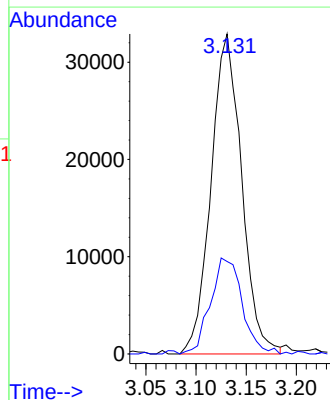
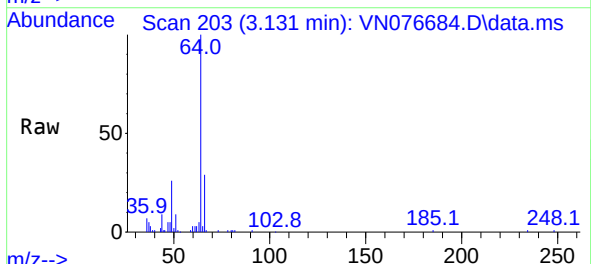
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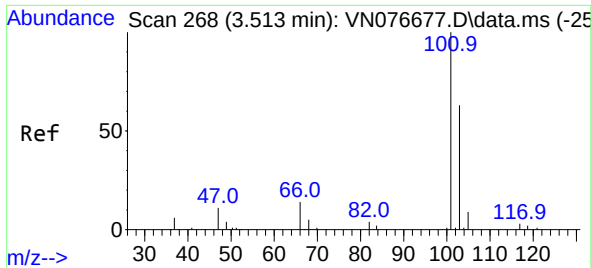
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#6
Chloroethane
Concen: 22.762 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

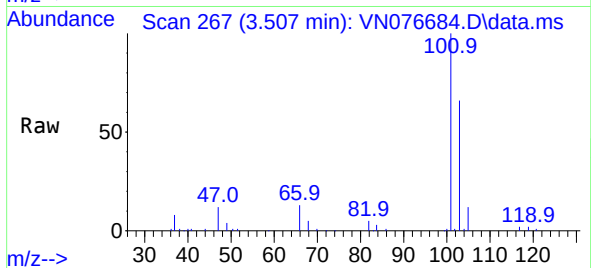
Tgt Ion: 64 Resp: 69897
Ion Ratio Lower Upper
64 100
66 28.9 23.8 35.6





#7
Trichlorofluoromethane
Concen: 21.504 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN076684.D
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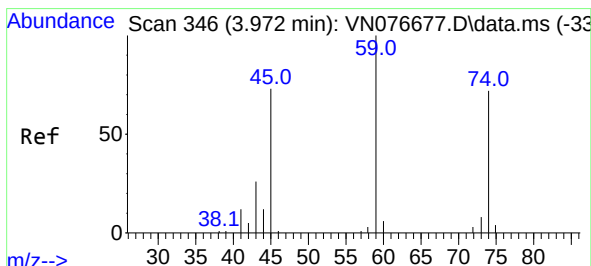
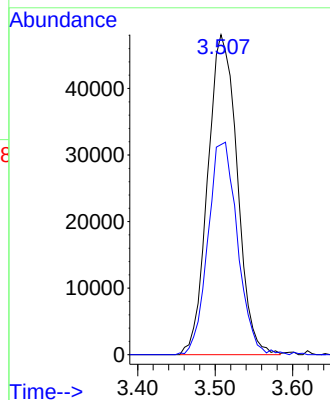
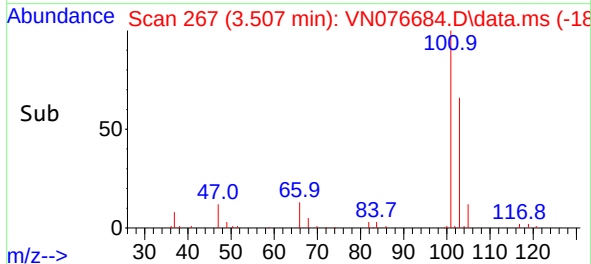
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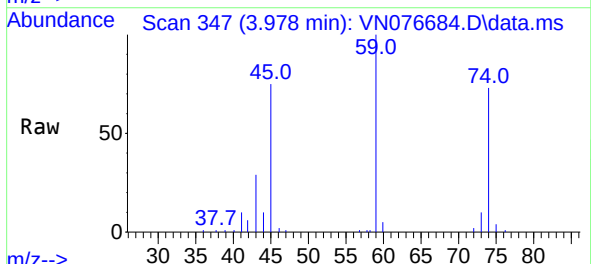
Tgt Ion:101 Resp: 126939
Ion Ratio Lower Upper
101 100
103 65.1 50.2 75.2

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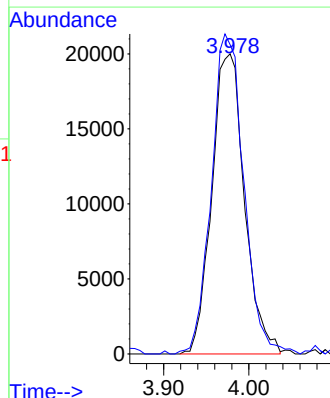
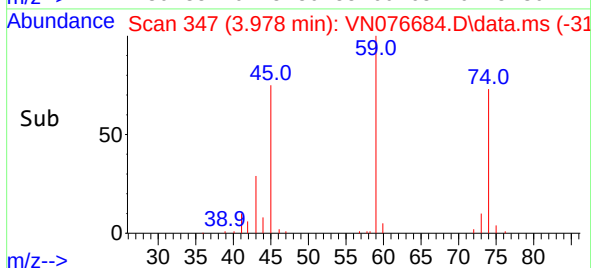
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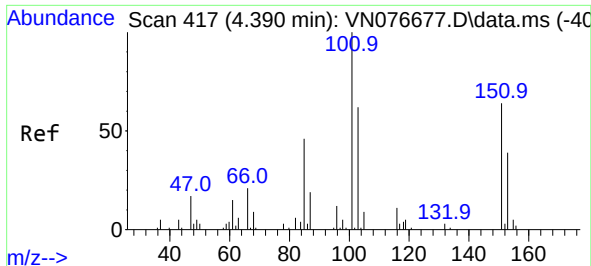


#8
Diethyl Ether
Concen: 22.721 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 74 Resp: 53214
Ion Ratio Lower Upper
74 100
45 105.7 21.4 193.0





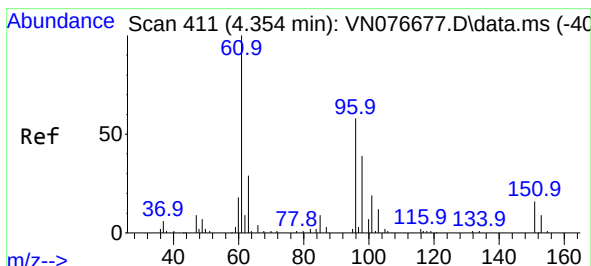
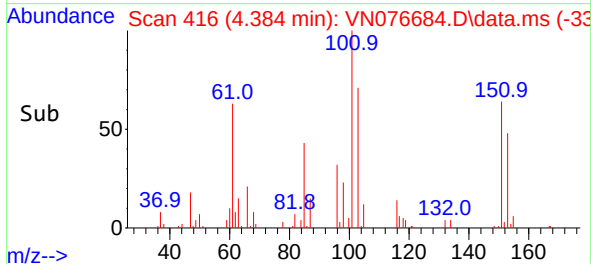
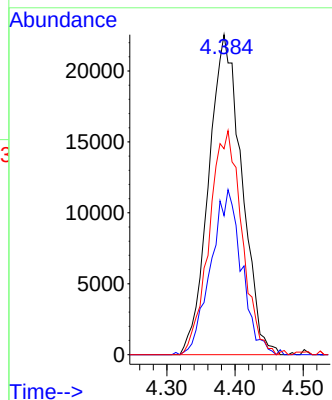
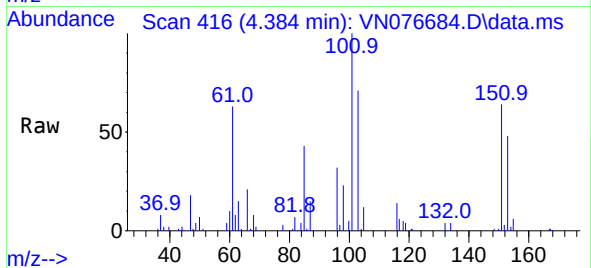
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.218 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

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Tgt Ion:101 Resp: 76119
Ion Ratio Lower Upper
101 100
85 46.8 0.0 95.2
151 69.0 0.0 142.2

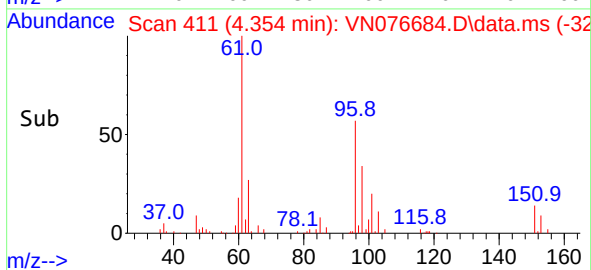
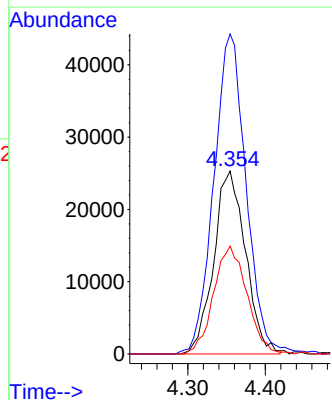
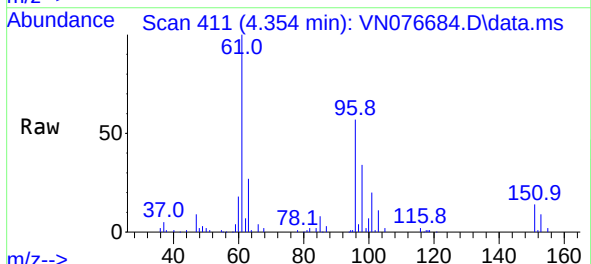
Manual Integrations
APPROVED

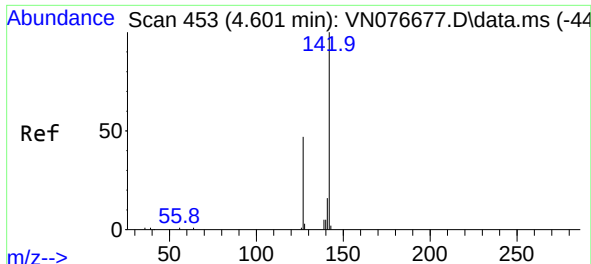
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
1,1-Dichloroethene
Concen: 21.390 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

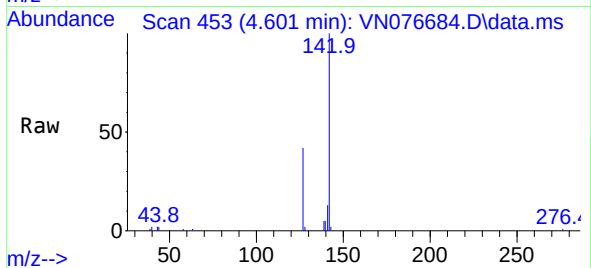
Tgt Ion: 96 Resp: 72069
Ion Ratio Lower Upper
96 100
61 173.8 137.1 205.7
98 59.0 53.2 79.8





#11
Methyl Iodide
Concen: 21.596 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

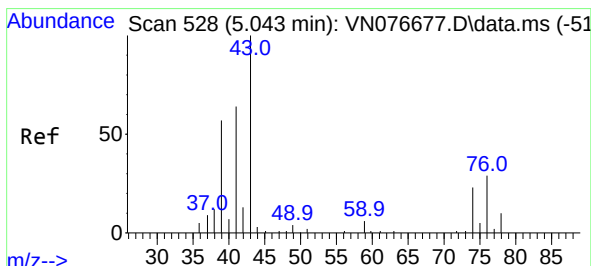
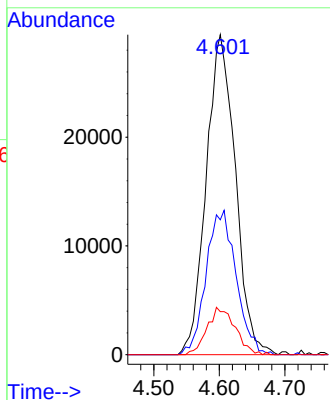
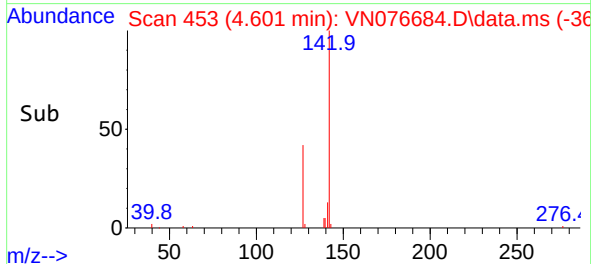
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



Tgt Ion:142 Resp: 9080
Ion Ratio Lower Upper
142 100
127 42.2 25.0 75.0
141 13.4 8.0 24.0

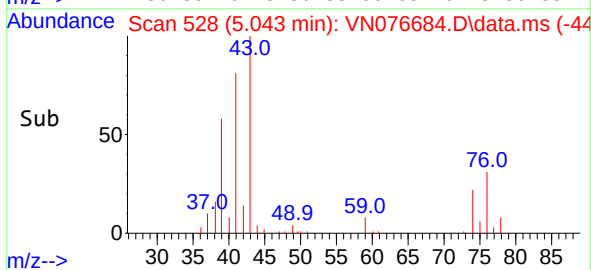
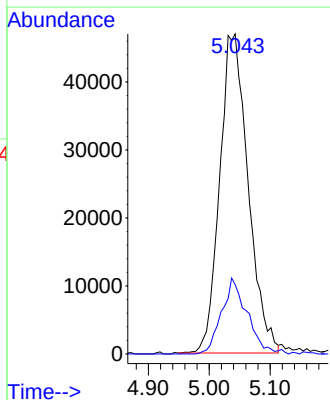
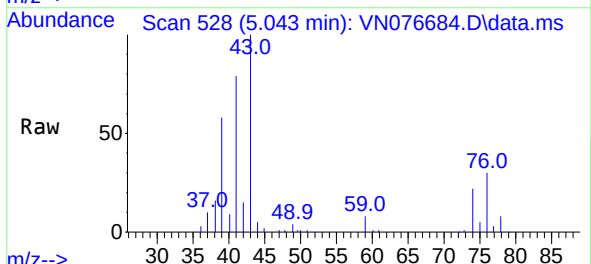
Manual Integrations
APPROVED

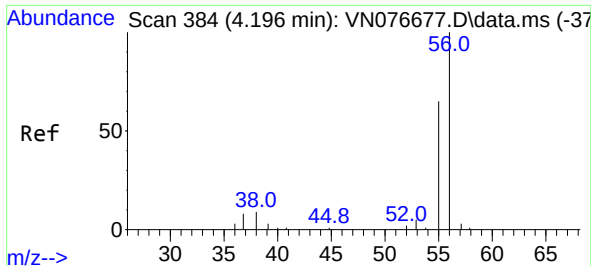
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#12
Methyl Acetate
Concen: 22.047 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Tgt Ion: 43 Resp: 152289
Ion Ratio Lower Upper
43 100
74 21.5 19.0 28.4





#13

Acrolein

Concen: 99.306 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN076684.D

Acq: 15 Feb 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0215WBS01

Tgt Ion: 56 Resp: 8147

Ion Ratio Lower Upper

56 100

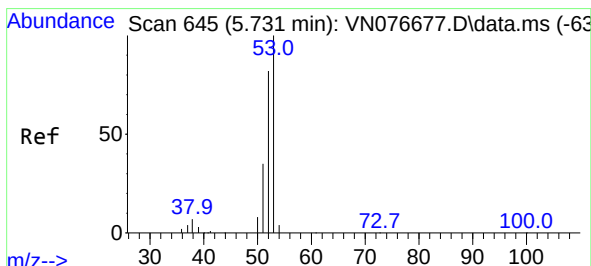
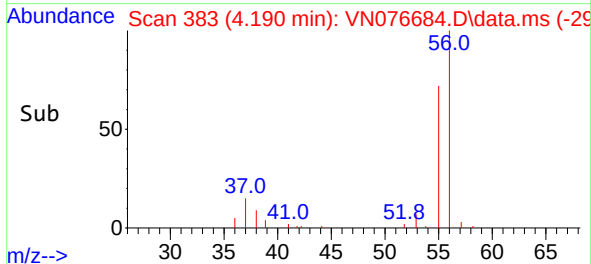
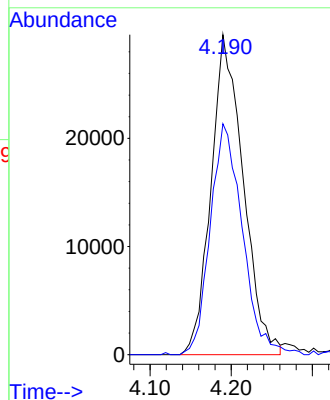
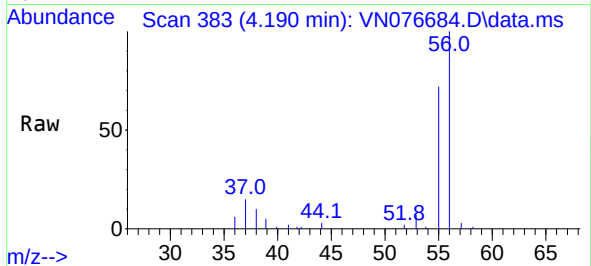
55 71.7 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#14

Acrylonitrile

Concen: 107.842 ug/l

RT: 5.731 min Scan# 645

Delta R.T. 0.000 min

Lab File: VN076684.D

Acq: 15 Feb 2023 14:04

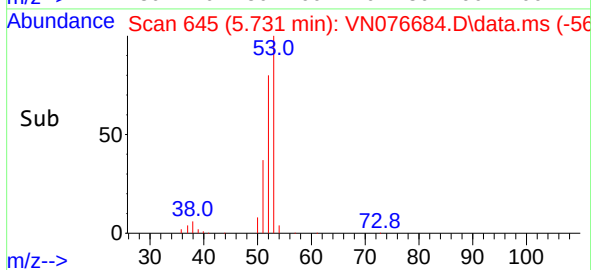
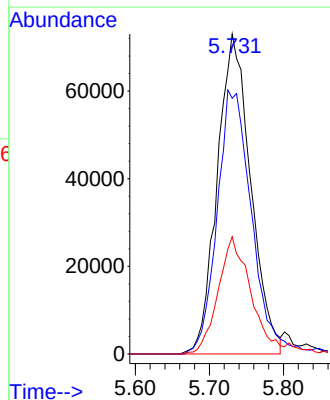
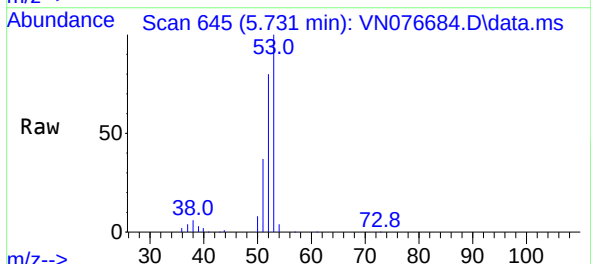
Tgt Ion: 53 Resp: 228614

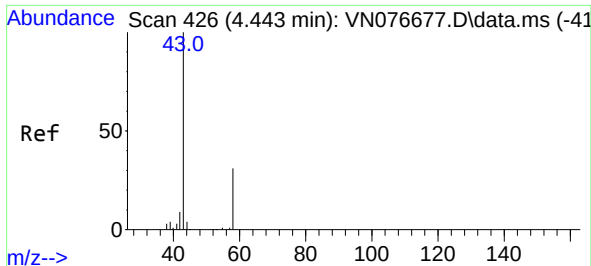
Ion Ratio Lower Upper

53 100

52 84.3 41.5 124.6

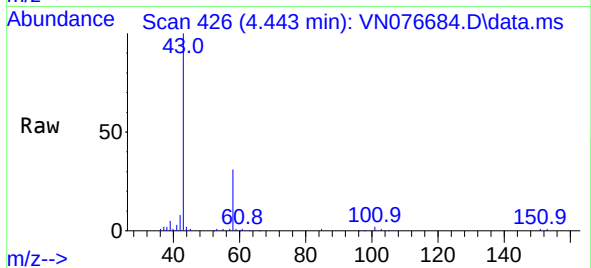
51 35.8 17.6 52.8





#15
Acetone
Concen: 104.632 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

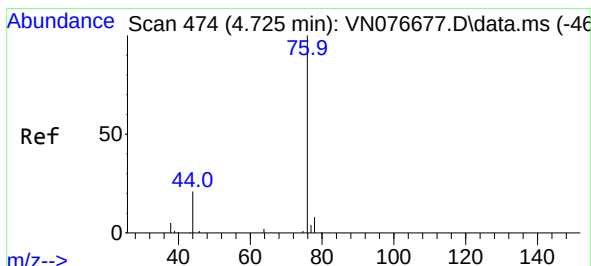
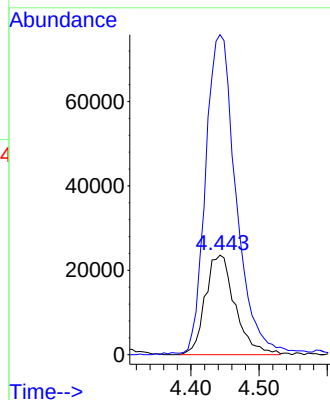
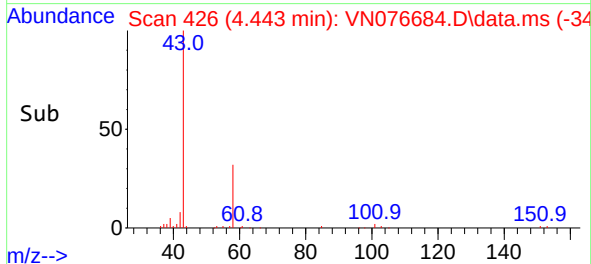
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



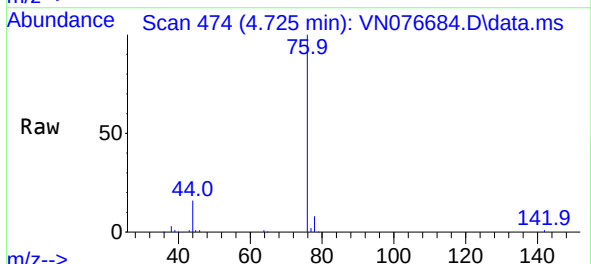
Tgt Ion: 58 Resp: 7181
Ion Ratio Lower Upper
58 100
43 320.1 255.4 383.0

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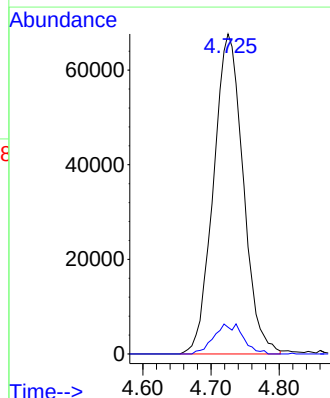
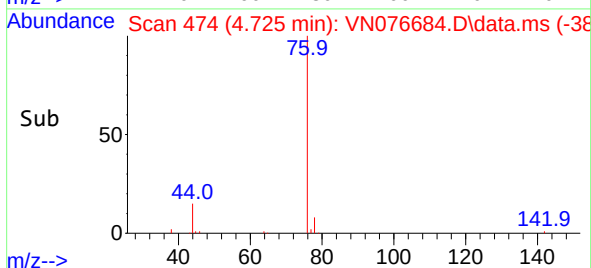
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

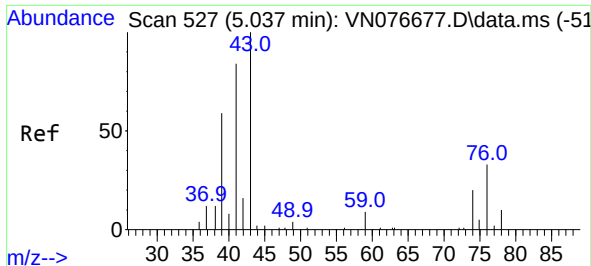


#16
Carbon Disulfide
Concen: 21.696 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



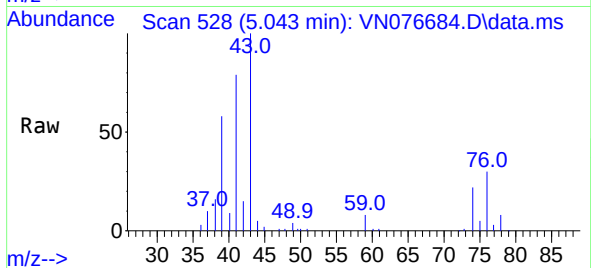
Tgt Ion: 76 Resp: 205048
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8





#17
 Allyl chloride
 Concen: 21.094 ug/l
 RT: 5.043 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN076684.D
 Acq: 15 Feb 2023 14:04

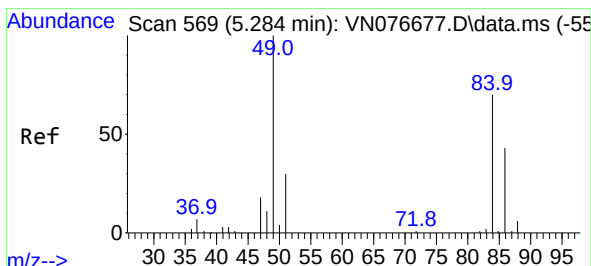
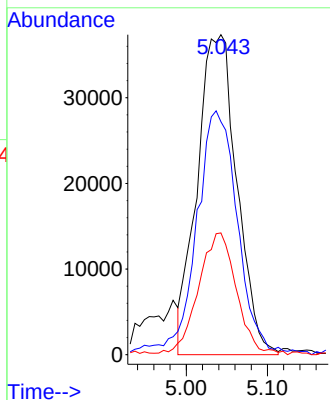
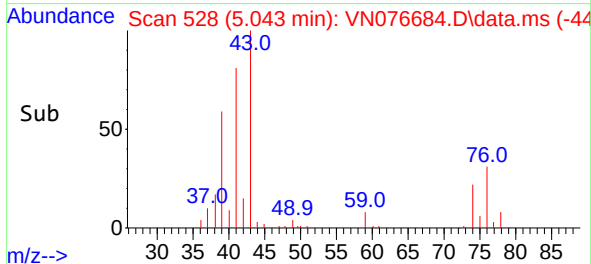
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBS01



Tgt Ion: 41 Resp: 127218
 Ion Ratio Lower Upper
 41 100
 39 71.2 34.8 104.3
 76 37.7 17.5 52.5

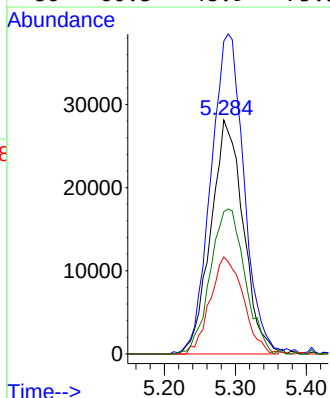
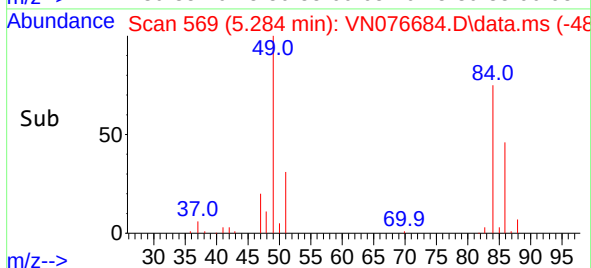
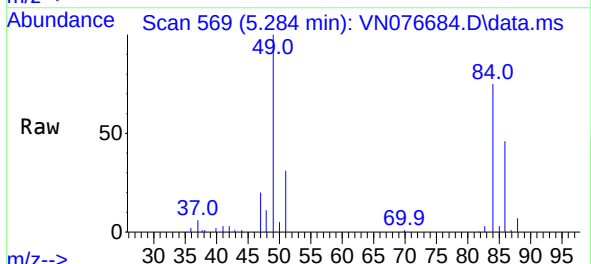
Manual Integrations
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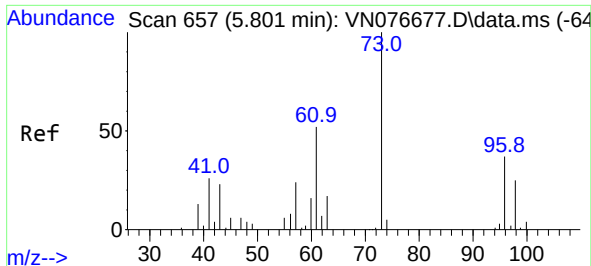
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#18
 Methylene Chloride
 Concen: 20.960 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VN076684.D
 Acq: 15 Feb 2023 14:04

Tgt Ion: 84 Resp: 89141
 Ion Ratio Lower Upper
 84 100
 49 133.2 113.8 170.6
 51 41.5 34.2 51.4
 86 60.3 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 20.843 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN076684.D

Acq: 15 Feb 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0215WBS01

Tgt Ion: 96 Resp: 7876

Ion Ratio Lower Upper

96 100

61 128.9 111.0 166.4

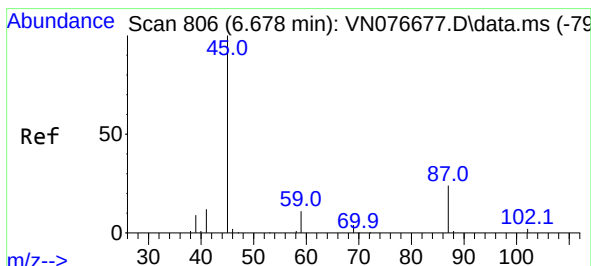
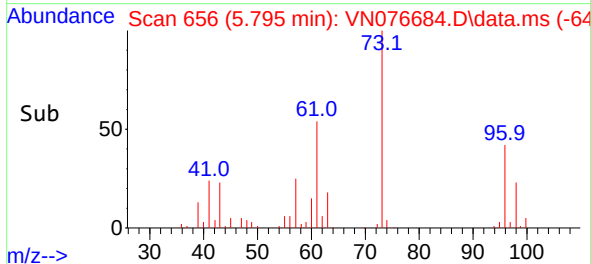
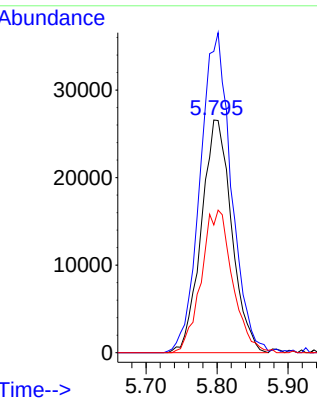
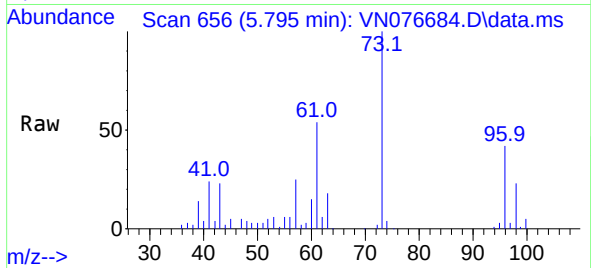
98 54.9 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#20

Diisopropyl ether

Concen: 21.982 ug/l

RT: 6.690 min Scan# 808

Delta R.T. 0.012 min

Lab File: VN076684.D

Acq: 15 Feb 2023 14:04

Tgt Ion: 45 Resp: 313496

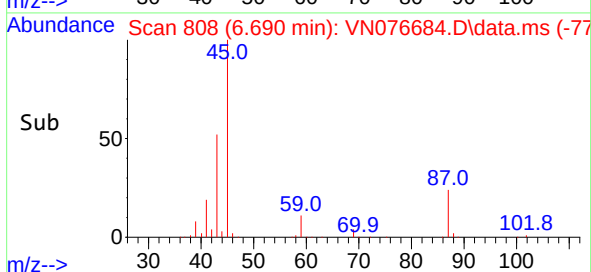
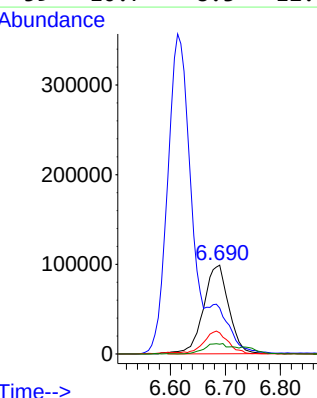
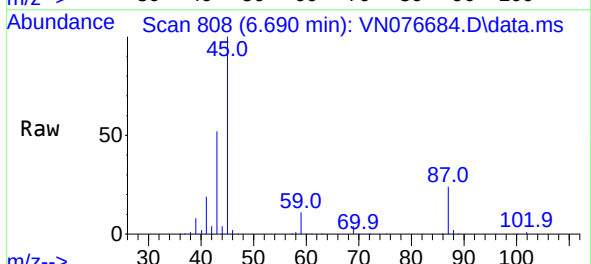
Ion Ratio Lower Upper

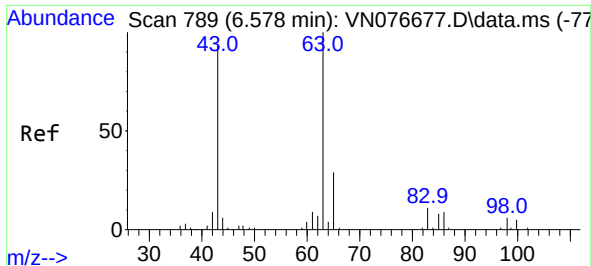
45 100

43 50.4 38.6 58.0

87 23.6 20.1 30.1

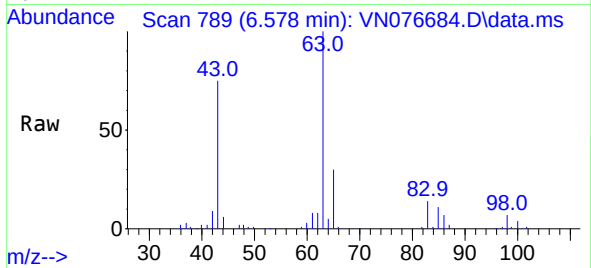
59 10.7 8.3 12.5





#21
1,1-Dichloroethane
Concen: 21.651 ug/l
RT: 6.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

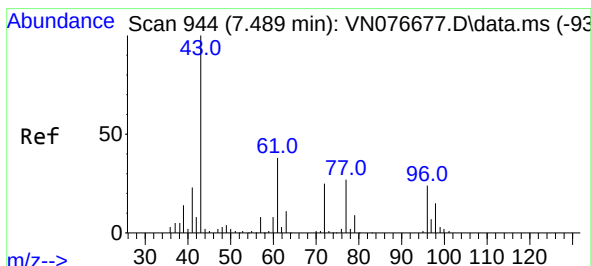
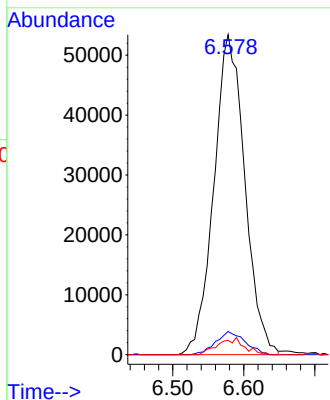
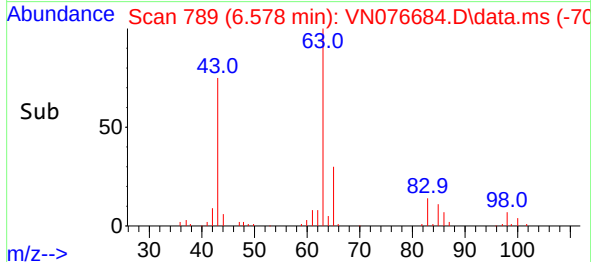
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



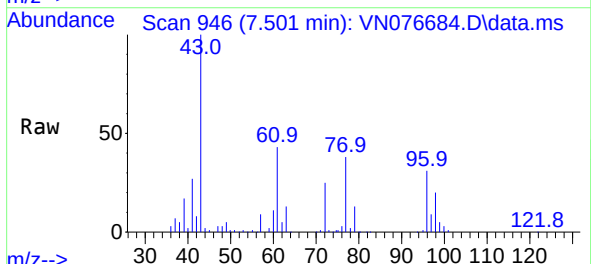
Tgt Ion: 63 Resp: 161510
Ion Ratio Lower Upper
63 100
98 7.3 3.6 10.9
100 4.5 2.6 7.8

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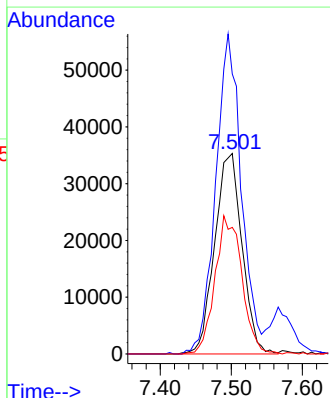
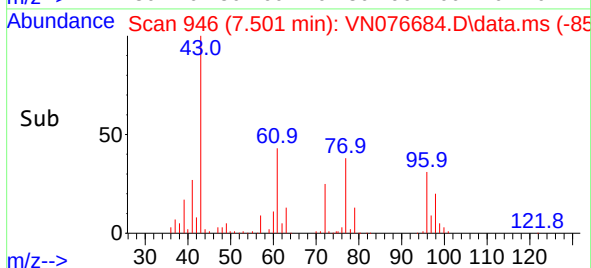
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

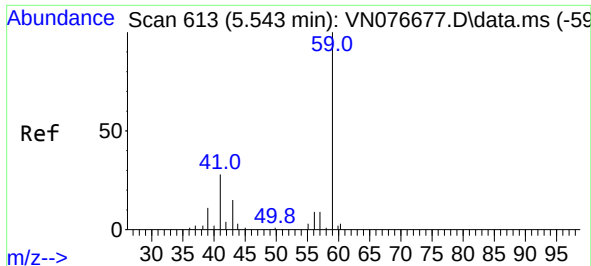


#22
cis-1,2-Dichloroethene
Concen: 21.802 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



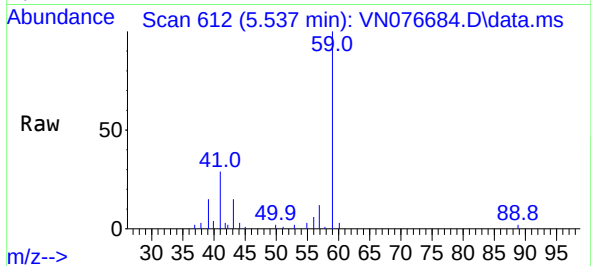
Tgt Ion: 96 Resp: 94521
Ion Ratio Lower Upper
96 100
61 149.2 121.0 181.4
98 36.2 50.1 75.1#





#23
tert-Butyl Alcohol
Concen: 121.134 ug/l
RT: 5.537 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

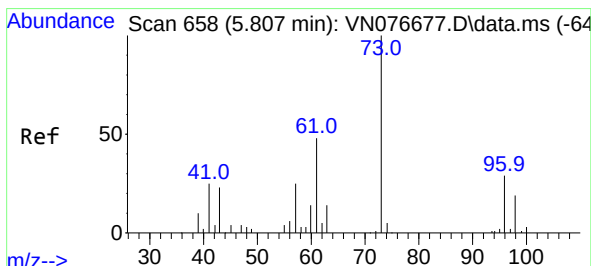
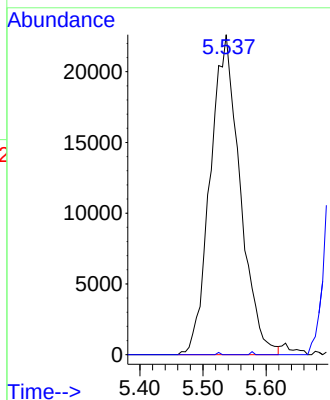
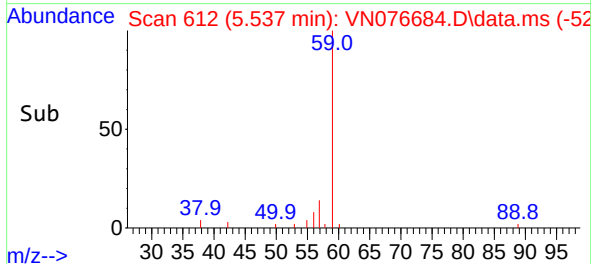
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



Tgt Ion: 59 Resp: 74214
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

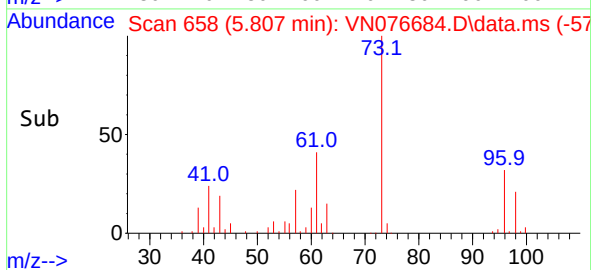
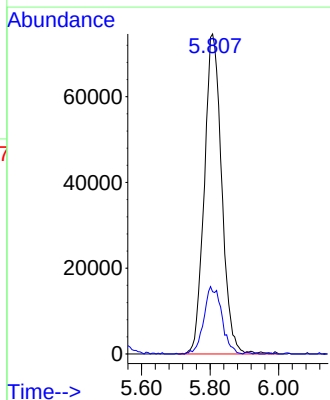
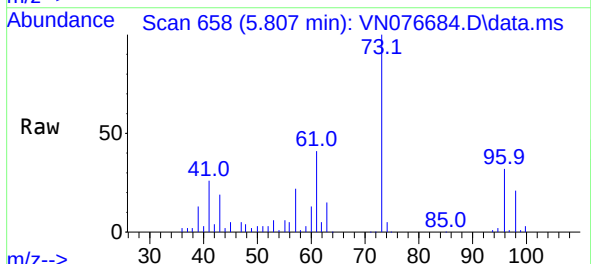
Manual Integrations
APPROVED

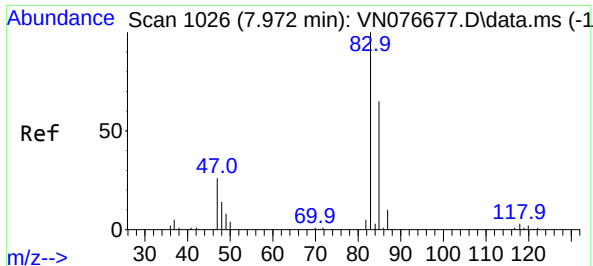
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#24
Methyl tert-Butyl Ether
Concen: 22.538 ug/l m
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

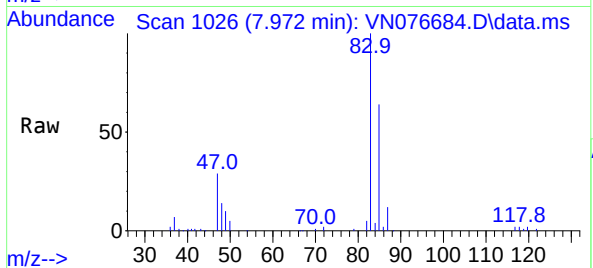
Tgt Ion: 73 Resp: 262750
Ion Ratio Lower Upper
73 100
43 0.0 17.8 26.6#





#25
Chloroform
Concen: 22.055 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

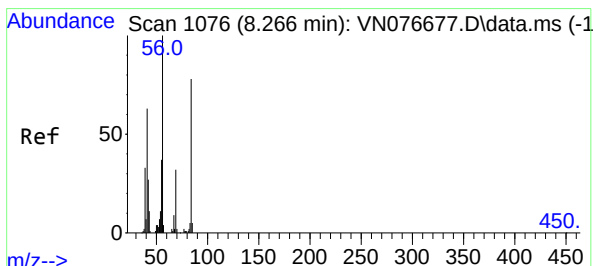
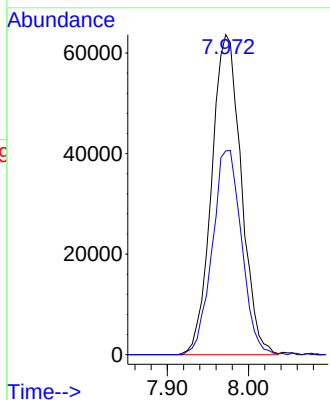
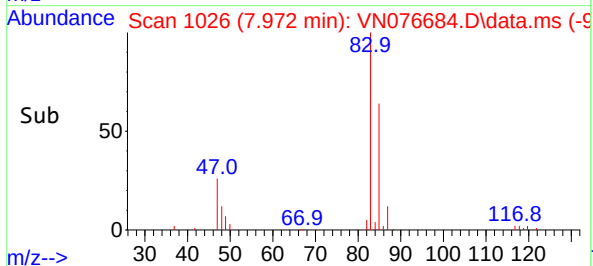
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



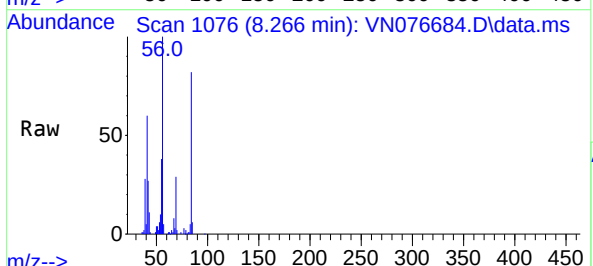
Tgt Ion: 83 Resp: 161338
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6

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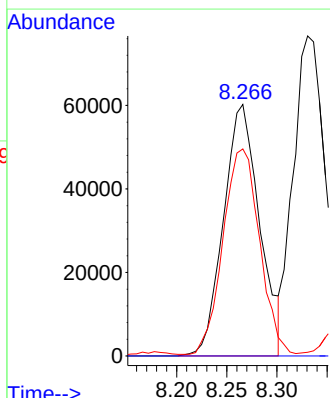
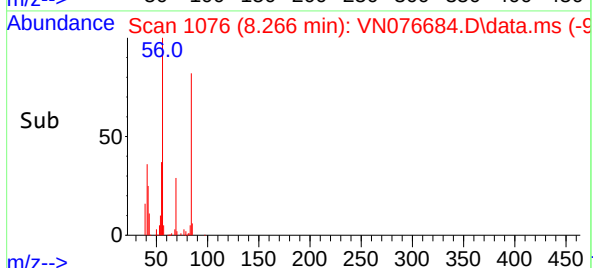
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

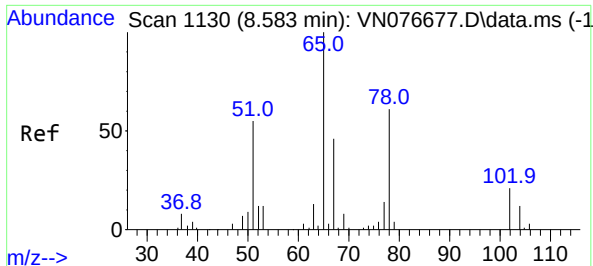


#26
Cyclohexane
Concen: 22.666 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



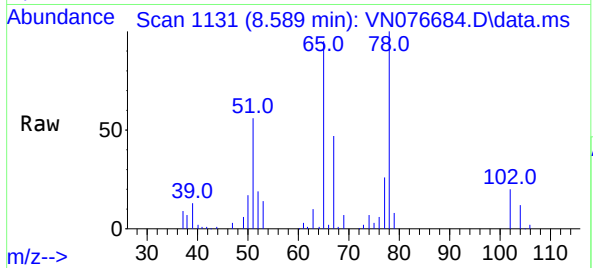
Tgt Ion: 56 Resp: 151123
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.0 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 32.263 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

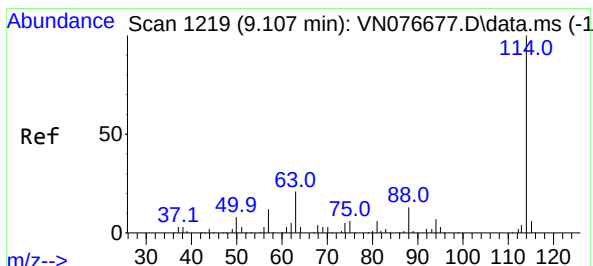
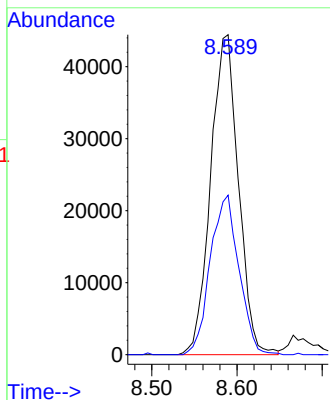
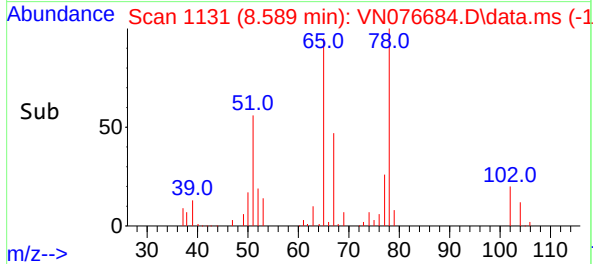
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



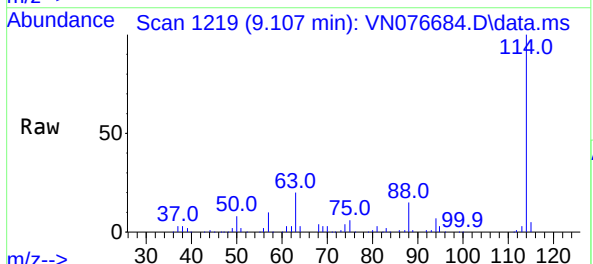
Tgt Ion: 65 Resp: 100740
Ion Ratio Lower Upper
65 100
67 51.5 40.9 61.3

Manual Integrations
APPROVED

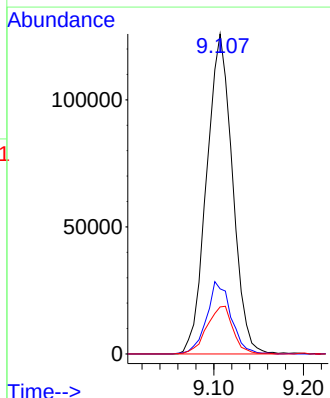
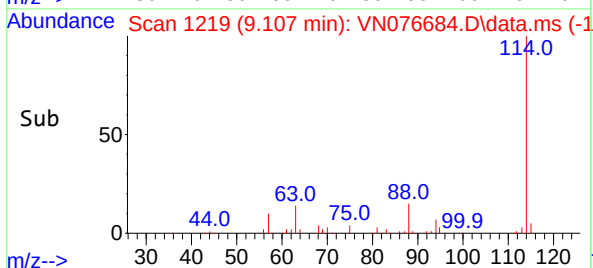
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

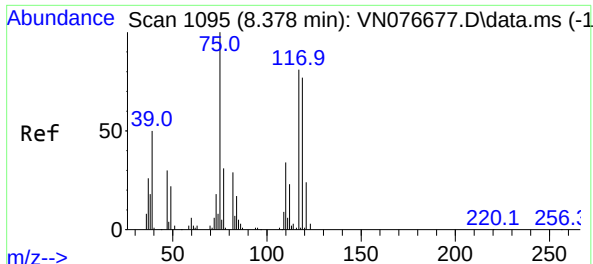


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



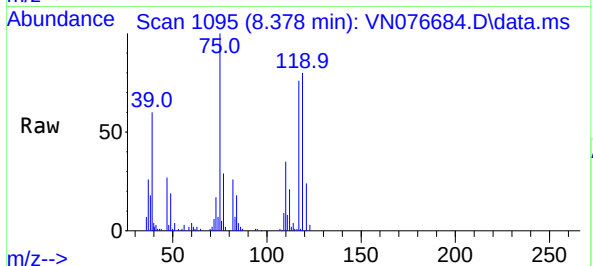
Tgt Ion:114 Resp: 251751
Ion Ratio Lower Upper
114 100
63 21.4 17.0 25.4
88 15.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.853 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

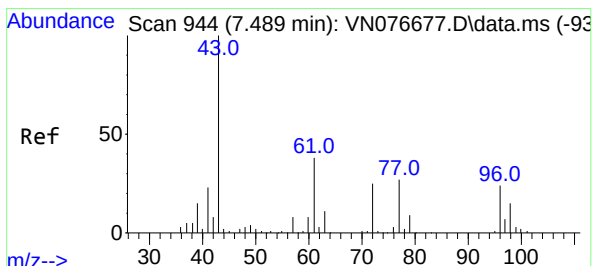
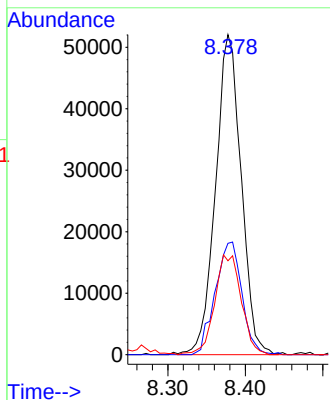
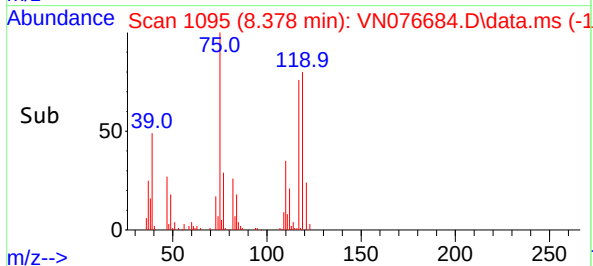
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



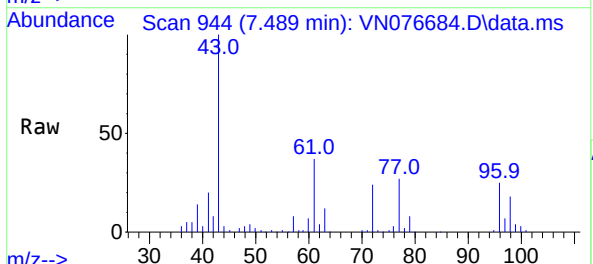
Tgt Ion: 75 Resp: 119750
Ion Ratio Lower Upper
75 100
110 36.5 0.0 67.2
77 32.4 0.0 64.4

Manual Integrations
APPROVED

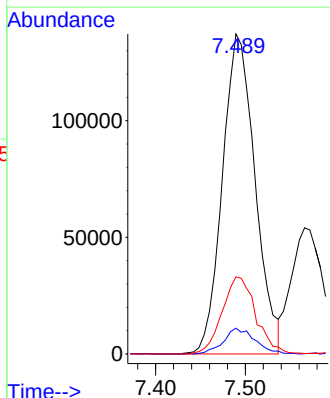
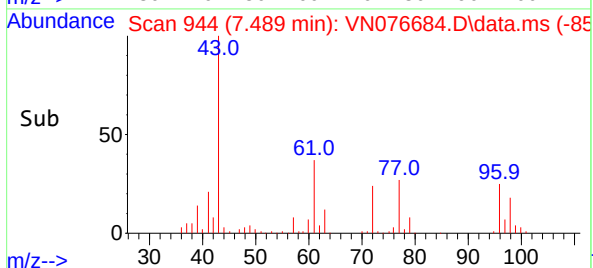
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

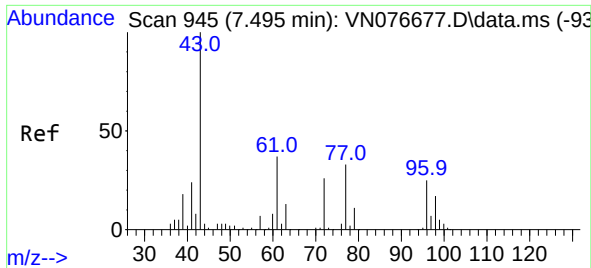


#30
2-Butanone
Concen: 103.775 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 43 Resp: 347612
Ion Ratio Lower Upper
43 100
57 7.7 6.1 9.1
72 24.7 20.2 30.4





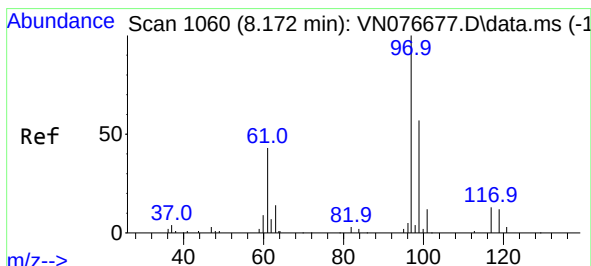
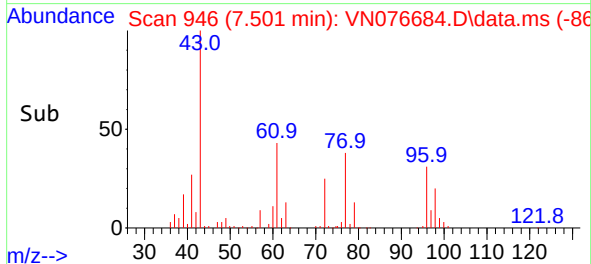
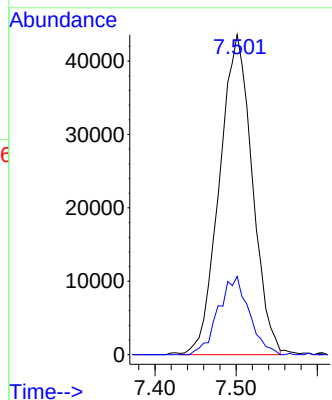
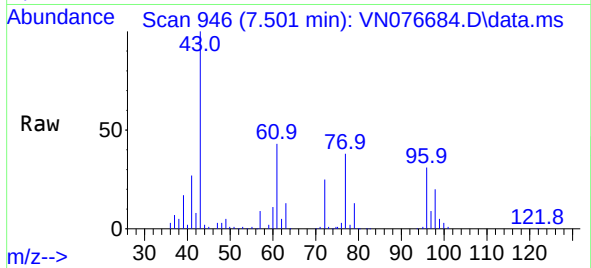
#31
2,2-Dichloropropane
Concen: 20.404 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion: 77 Resp: 12245
Ion Ratio Lower Upper
77 100
97 23.0 7.2 10.8

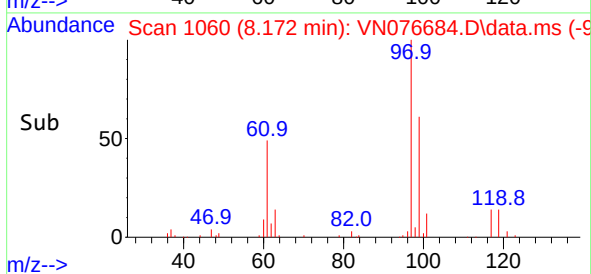
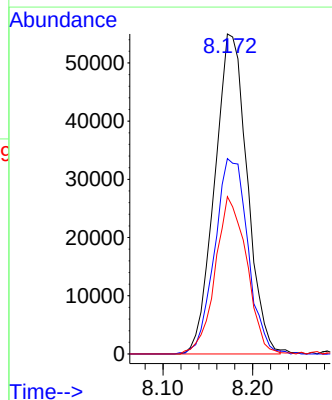
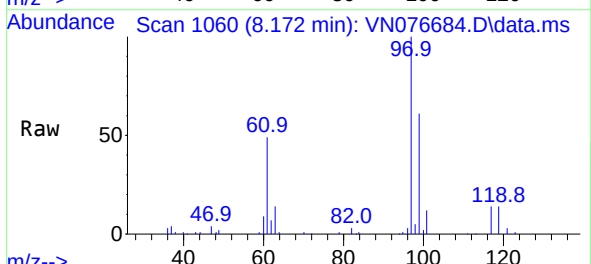
Manual Integrations
APPROVED

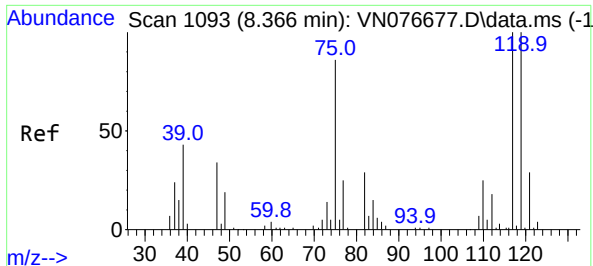
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#32
1,1,1-Trichloroethane
Concen: 20.720 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

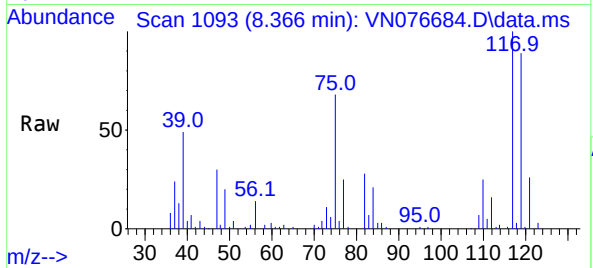
Tgt Ion: 97 Resp: 138134
Ion Ratio Lower Upper
97 100
99 62.3 51.8 77.8
61 47.5 39.3 58.9





#33
Carbon Tetrachloride
Concen: 20.538 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

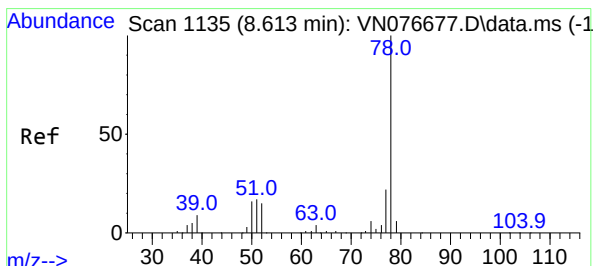
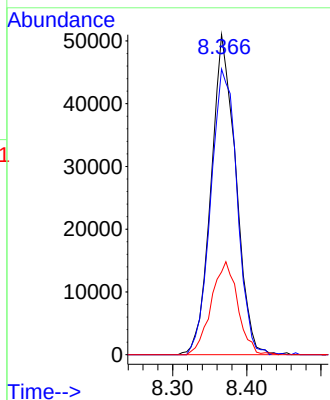
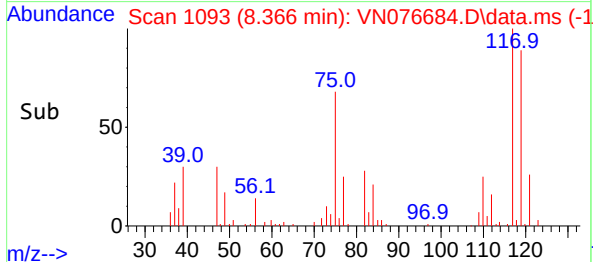
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



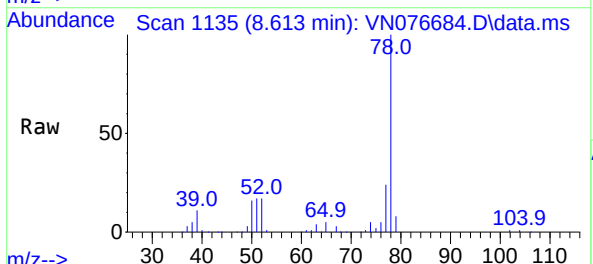
Tgt Ion:117 Resp: 11863
Ion Ratio Lower Upper
117 100
119 89.3 79.8 119.8
121 25.9 23.4 35.0

Manual Integrations
APPROVED

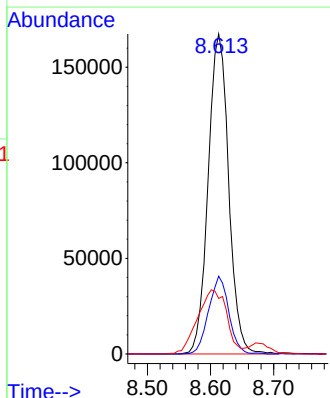
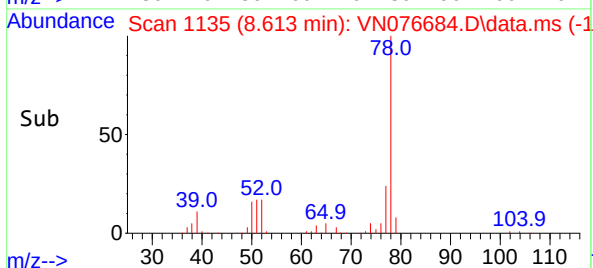
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

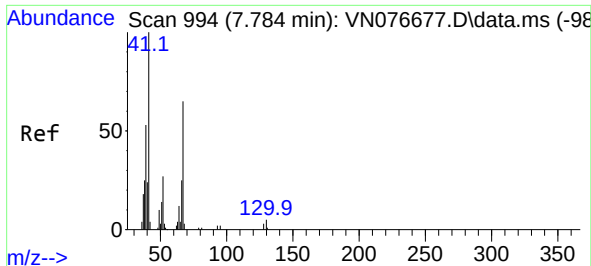


#34
Benzene
Concen: 20.629 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



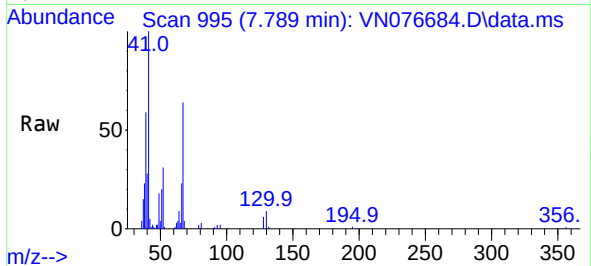
Tgt Ion: 78 Resp: 378201
Ion Ratio Lower Upper
78 100
77 24.3 17.4 26.2
51 16.9 13.8 20.6





#35
Methacrylonitrile
Concen: 20.453 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

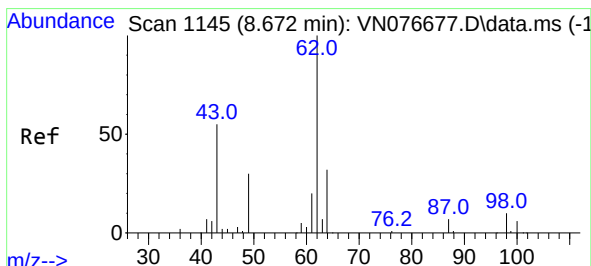
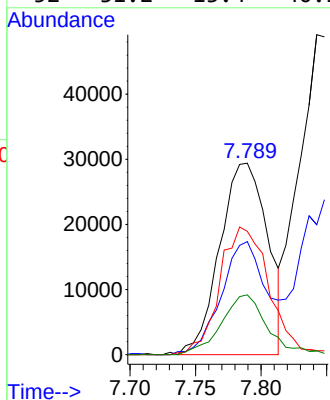
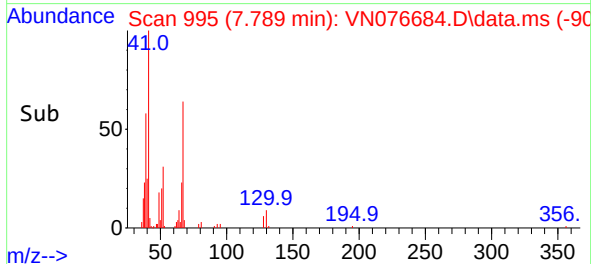
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



Tgt Ion: 41 Resp: 74730
Ion Ratio Lower Upper
41 100
39 57.5 26.6 79.7
67 63.4 32.3 96.9
52 31.2 13.4 40.1

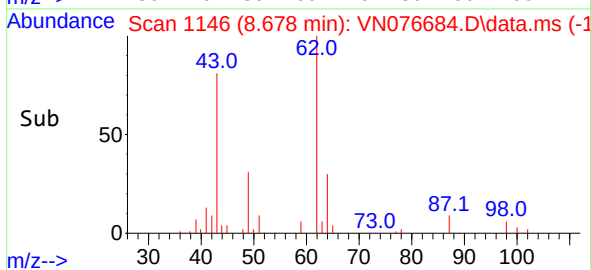
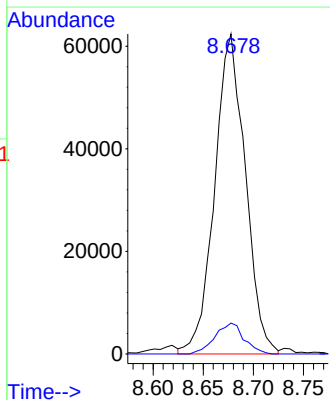
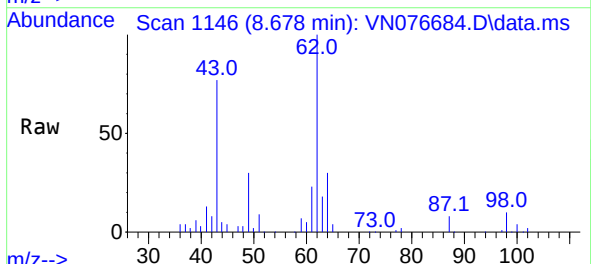
Manual Integrations
APPROVED

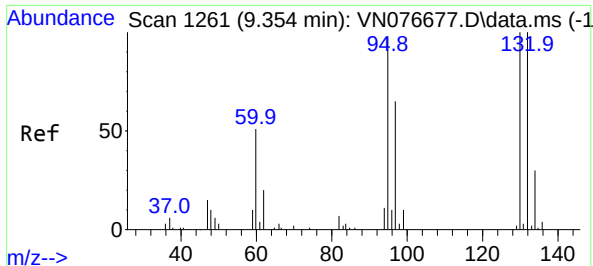
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
1,2-Dichloroethane
Concen: 21.660 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

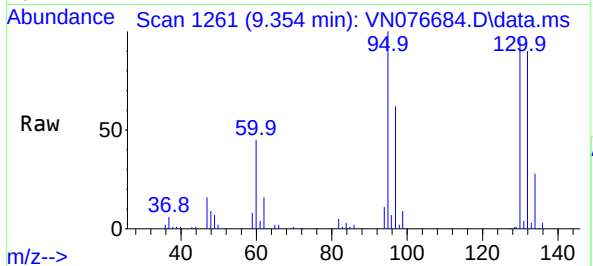
Tgt Ion: 62 Resp: 132916
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37
Trichloroethene
Concen: 19.960 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

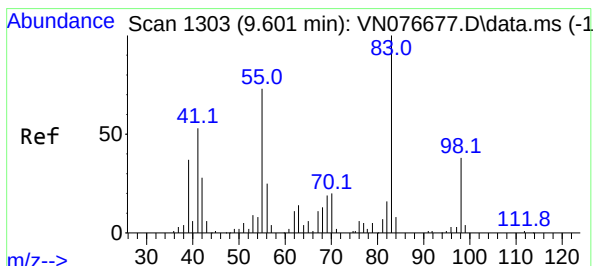
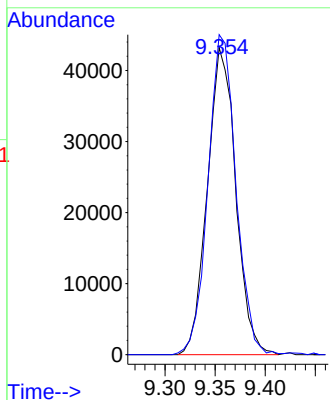
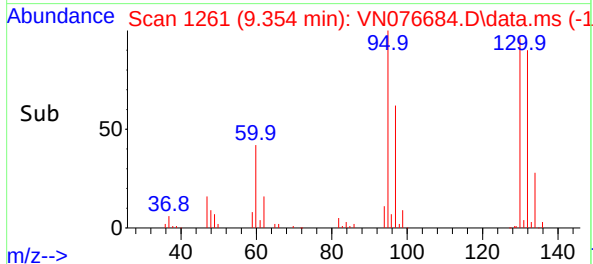
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



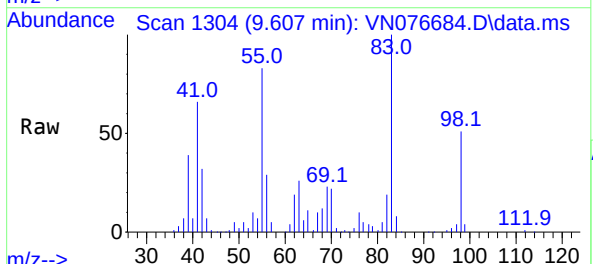
Tgt Ion:130 Resp: 8510
Ion Ratio Lower Upper
130 100
95 103.8 78.7 118.1

Manual Integrations
APPROVED

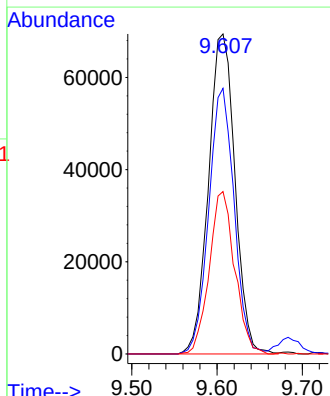
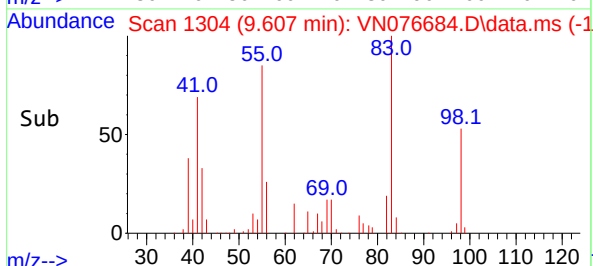
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

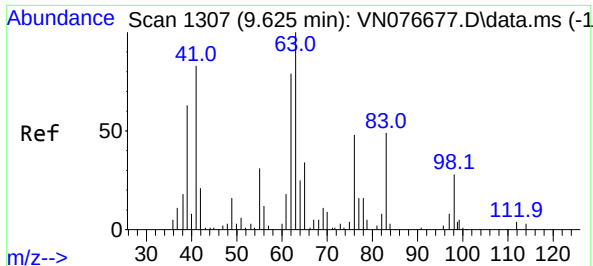


#38
Methylcyclohexane
Concen: 20.737 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



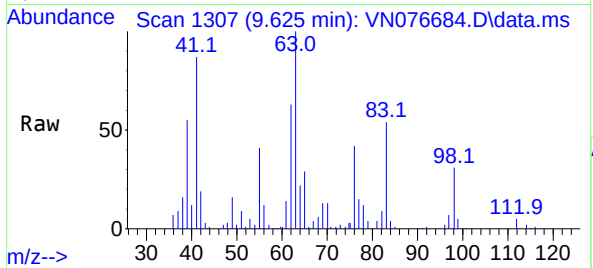
Tgt Ion: 83 Resp: 149856
Ion Ratio Lower Upper
83 100
55 79.6 37.6 112.9
98 48.7 24.1 72.4





#39
1,2-Dichloropropane
Concen: 20.694 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

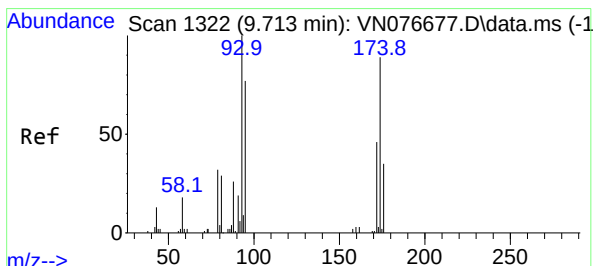
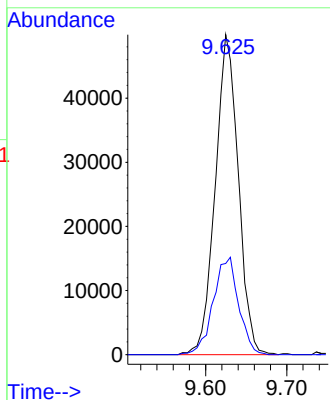
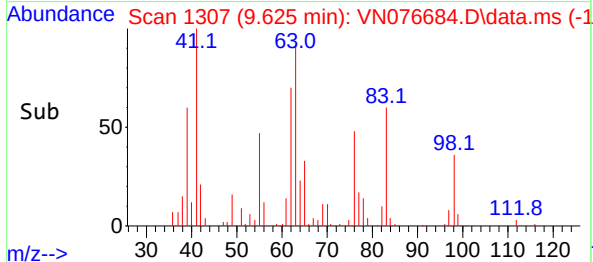
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



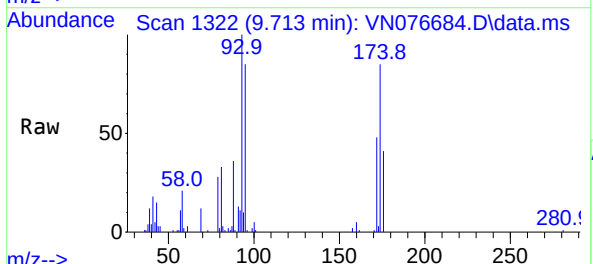
Tgt Ion: 63 Resp: 9859
Ion Ratio Lower Upper
63 100
65 28.5 27.2 40.8

Manual Integrations
APPROVED

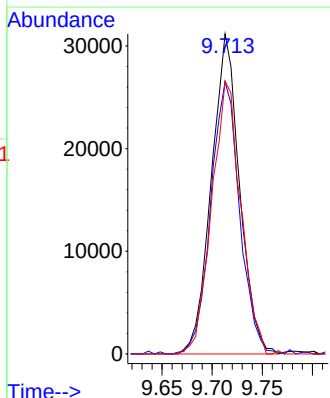
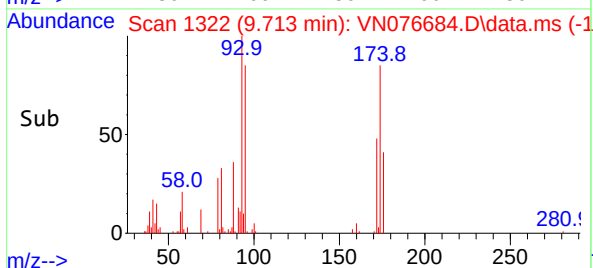
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

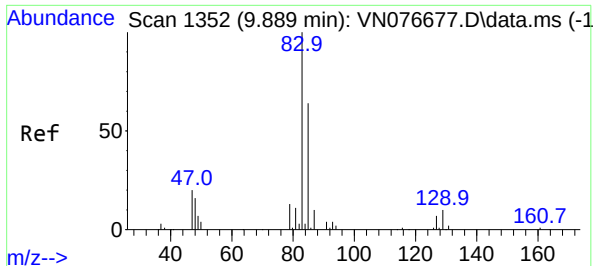


#40
Dibromomethane
Concen: 20.054 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



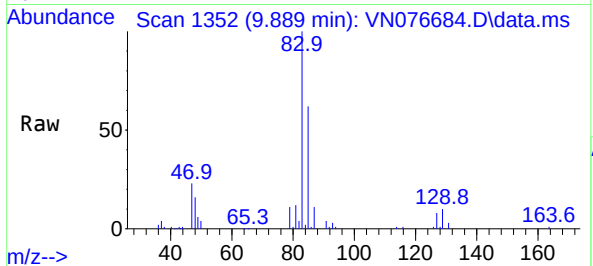
Tgt Ion: 93 Resp: 60937
Ion Ratio Lower Upper
93 100
95 87.0 0.0 158.0
174 87.7 0.0 171.2





#41
Bromodichloromethane
Concen: 20.337 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

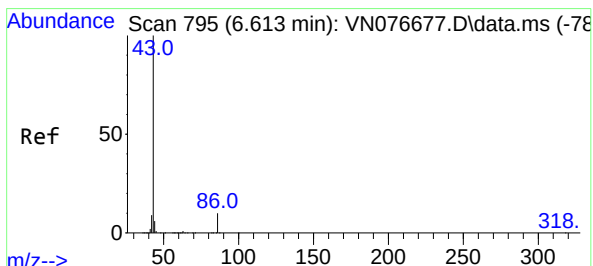
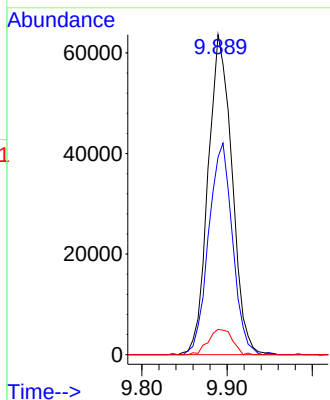
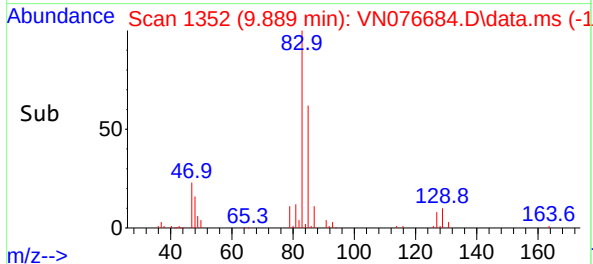
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



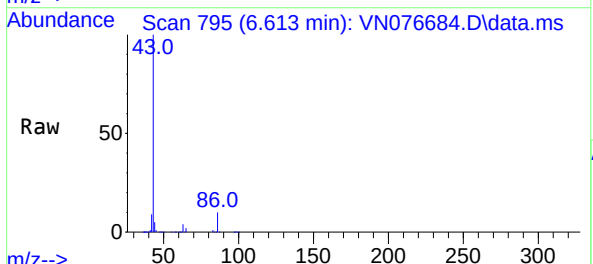
Tgt Ion: 83 Resp: 12395
Ion Ratio Lower Upper
83 100
85 61.7 51.0 76.4
127 7.9 6.2 9.2

Manual Integrations
APPROVED

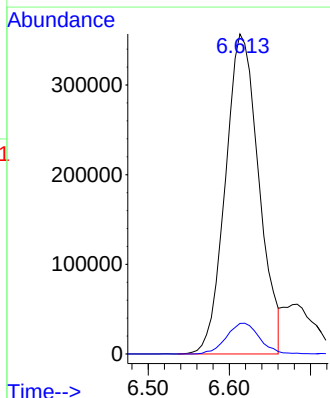
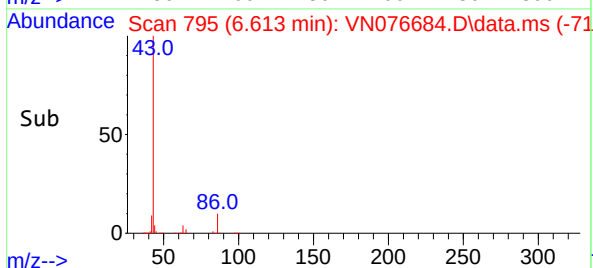
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

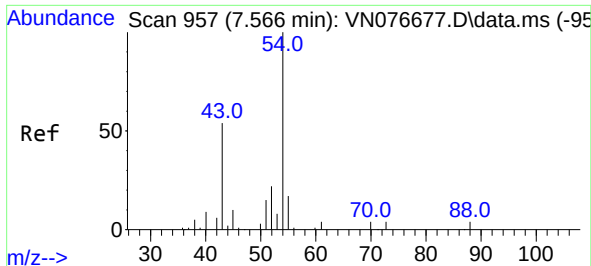


#42
Vinyl Acetate
Concen: 105.269 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



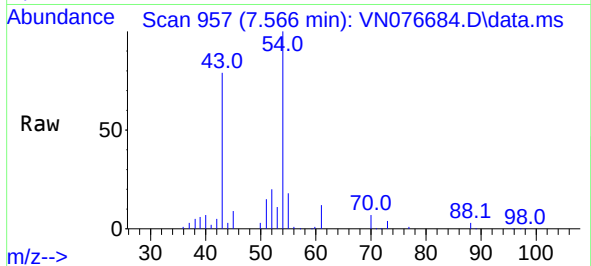
Tgt Ion: 43 Resp: 1021908
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





#43
Ethyl Acetate
Concen: 22.179 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

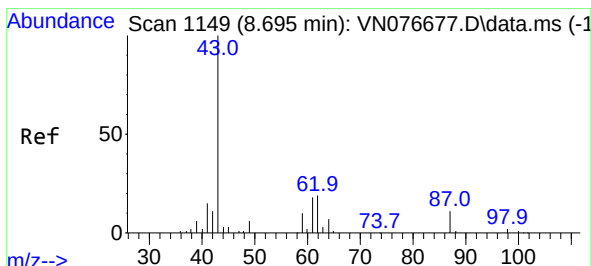
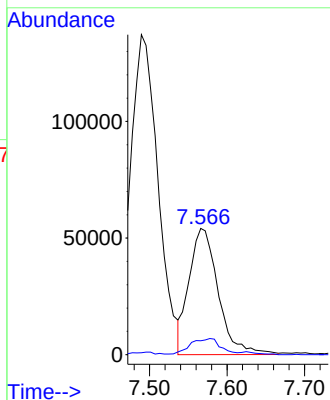
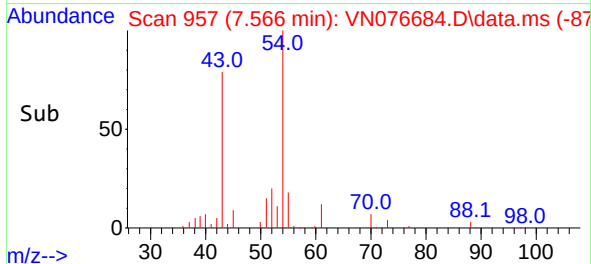
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



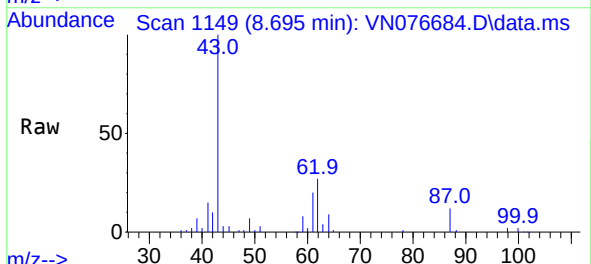
Tgt Ion: 43 Resp: 141544
Ion Ratio Lower Upper
43 100
45 13.2 11.2 16.8

Manual Integrations
APPROVED

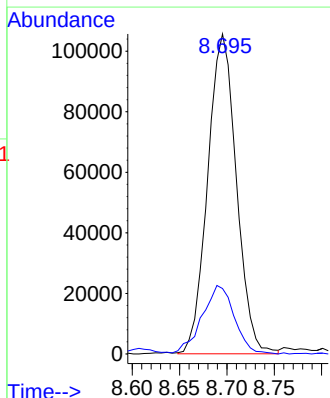
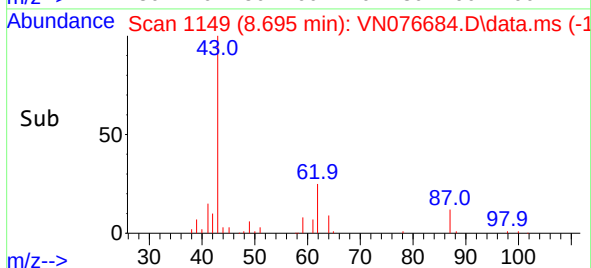
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

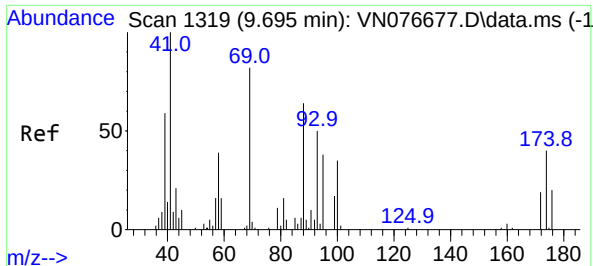


#44
Isopropyl Acetate
Concen: 21.214 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 43 Resp: 222859
Ion Ratio Lower Upper
43 100
61 24.0 19.5 29.3





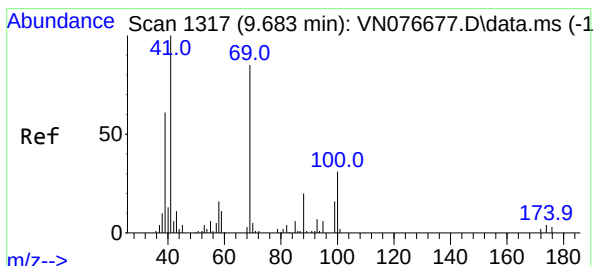
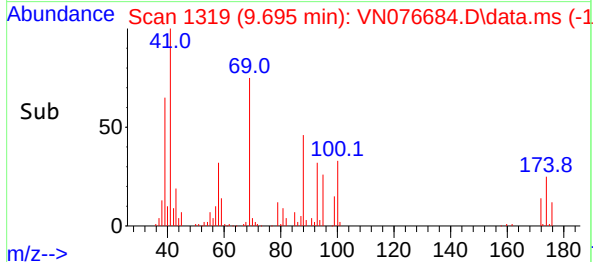
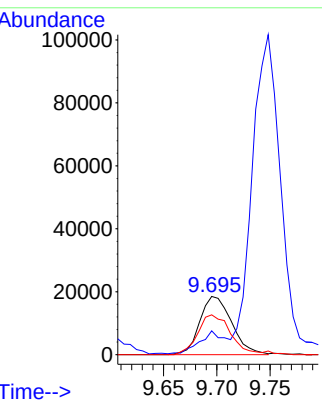
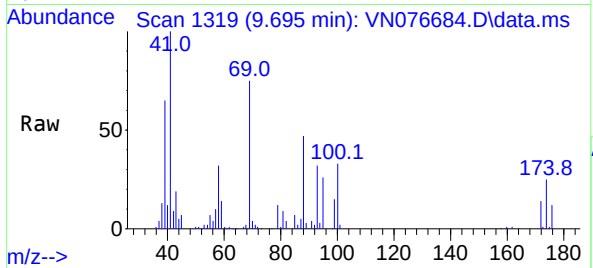
#45
1,4-Dioxane
Concen: 434.613 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion: 88 Resp: 3864
Ion Ratio Lower Upper
88 100
43 31.7 26.0 39.0
58 70.1 54.3 81.5

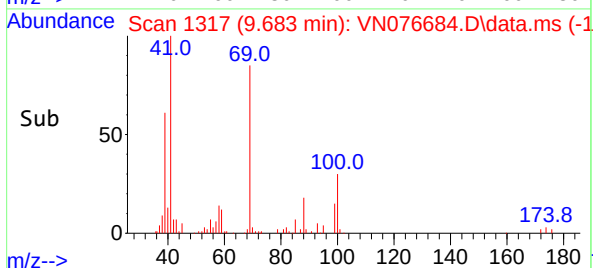
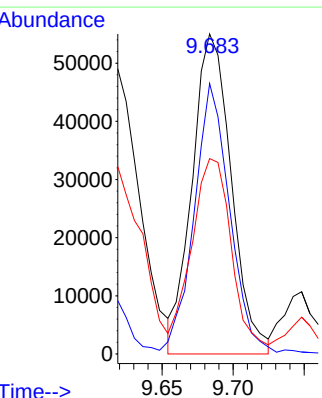
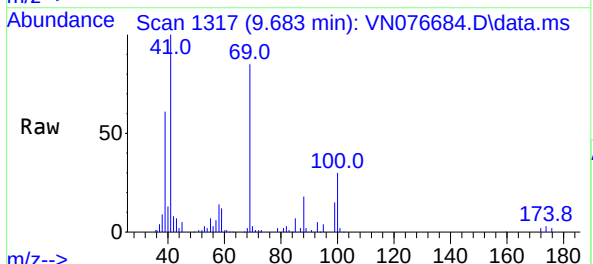
Manual Integrations
APPROVED

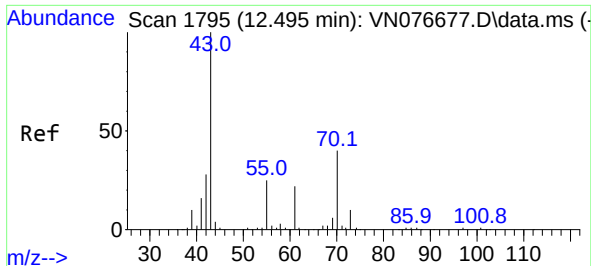
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#46
Methyl methacrylate
Concen: 21.924 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

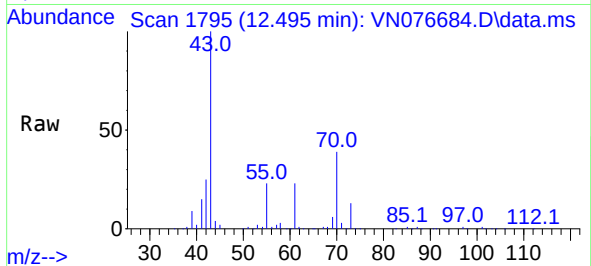
Tgt Ion: 41 Resp: 105727
Ion Ratio Lower Upper
41 100
69 86.3 40.6 121.7
39 61.1 30.5 91.5





#47
n-amyl acetate
Concen: 20.906 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

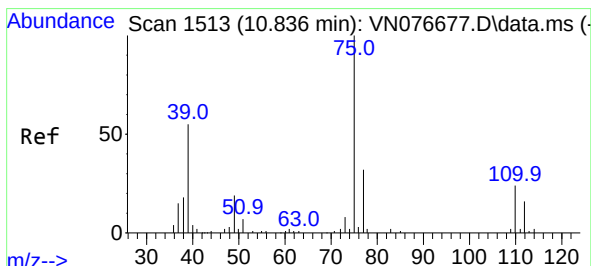
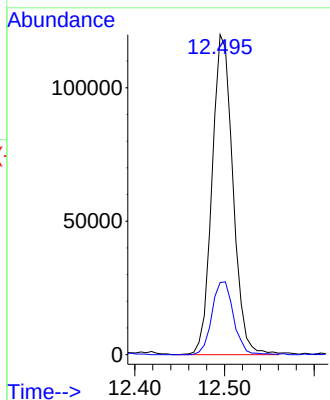
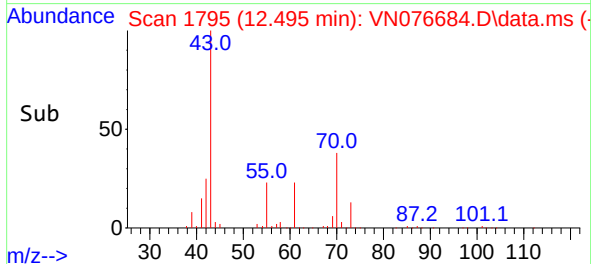
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



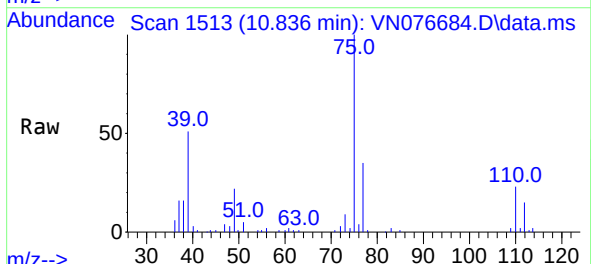
Tgt Ion: 43 Resp: 19394
Ion Ratio Lower Upper
43 100
55 23.5 18.3 27.5

Manual Integrations
APPROVED

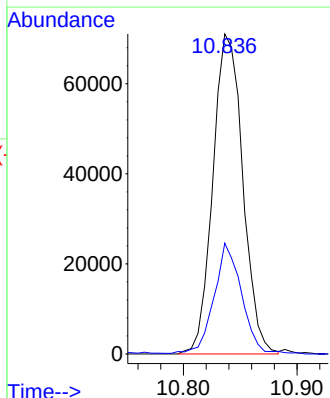
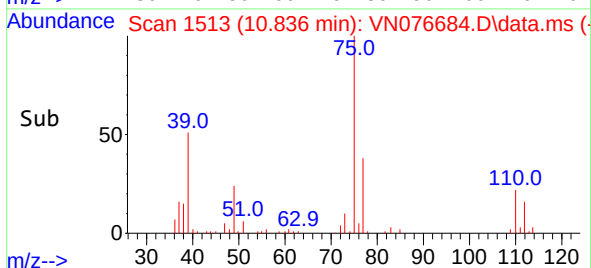
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

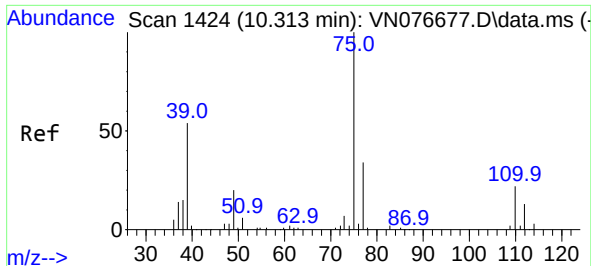


#48
t-1,3-Dichloropropene
Concen: 21.028 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 75 Resp: 129993
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2





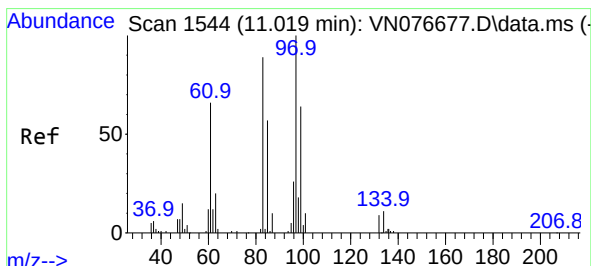
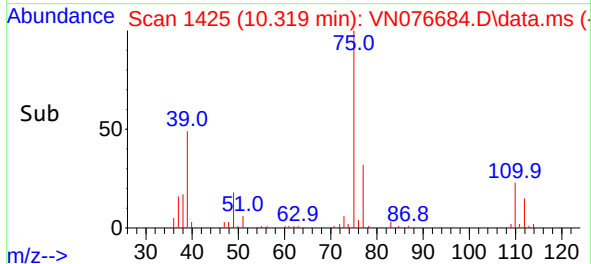
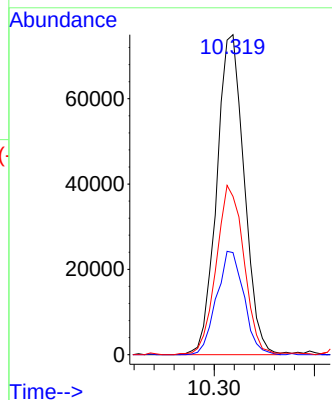
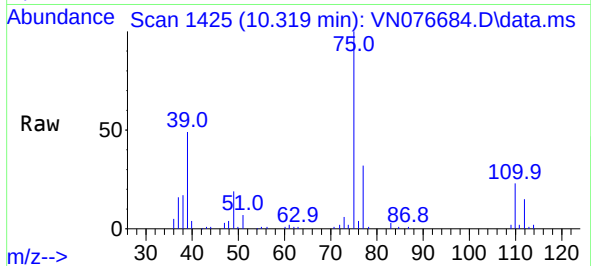
#49
cis-1,3-Dichloropropene
Concen: 20.272 ug/l
RT: 10.319 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion: 75 Resp: 14264
Ion Ratio Lower Upper
75 100
77 31.9 27.5 41.3
39 49.1 43.5 65.3

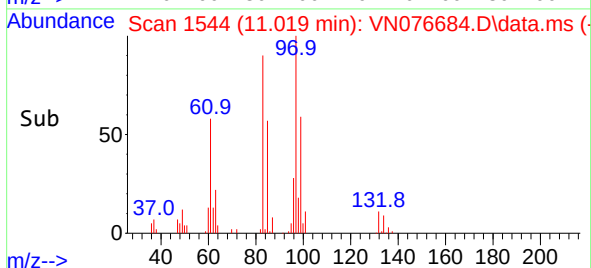
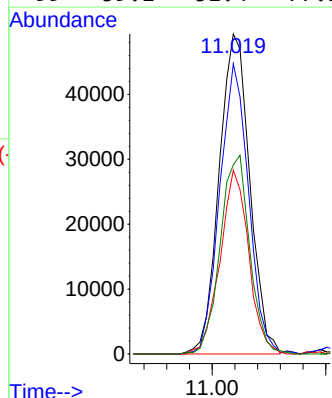
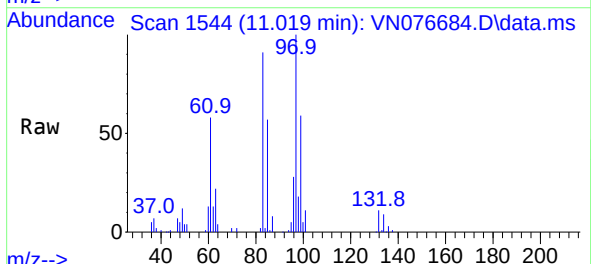
Manual Integrations
APPROVED

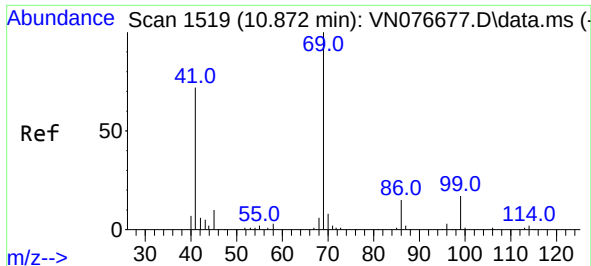
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#50
1,1,2-Trichloroethane
Concen: 20.906 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

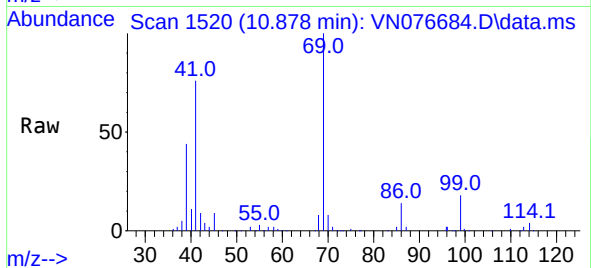
Tgt Ion: 97 Resp: 92346
Ion Ratio Lower Upper
97 100
83 90.7 71.0 106.4
85 57.5 45.5 68.3
99 59.1 51.4 77.2





#51
Ethyl methacrylate
Concen: 21.578 ug/l
RT: 10.878 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

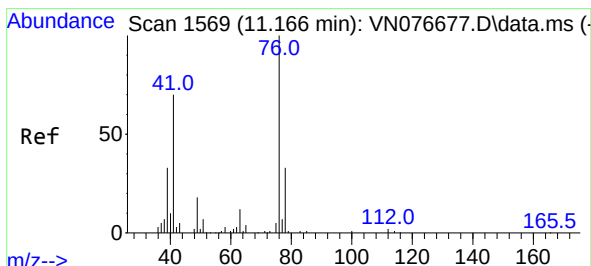
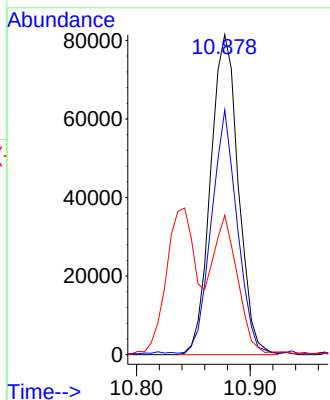
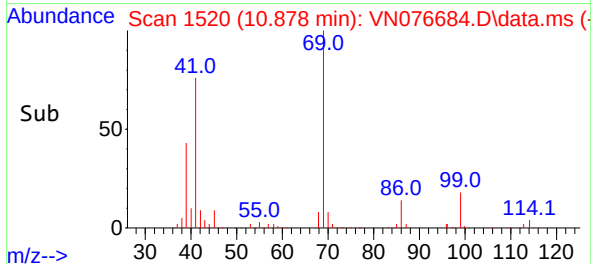
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



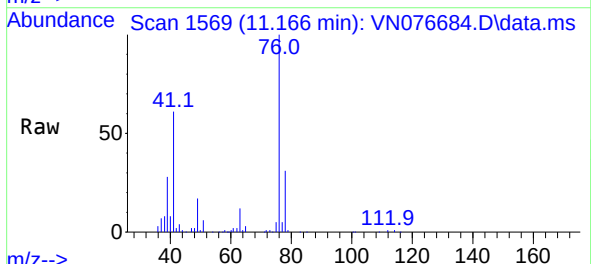
Tgt Ion: 69 Resp: 138380
Ion Ratio Lower Upper
69 100
41 76.0 36.3 108.7
39 42.7 19.9 59.7

Manual Integrations
APPROVED

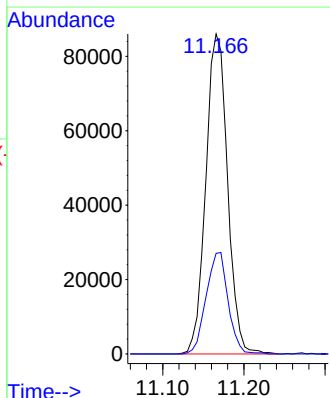
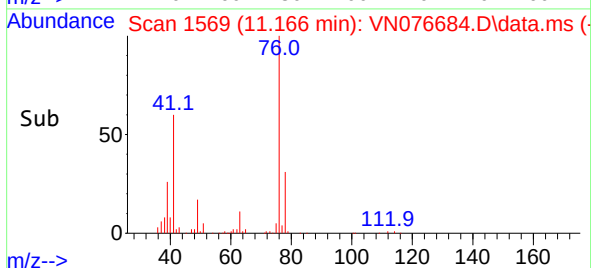
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

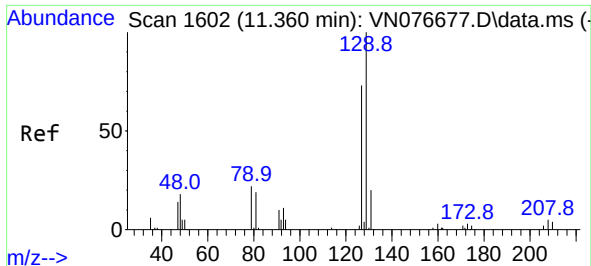


#52
1,3-Dichloropropane
Concen: 21.065 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 76 Resp: 159969
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





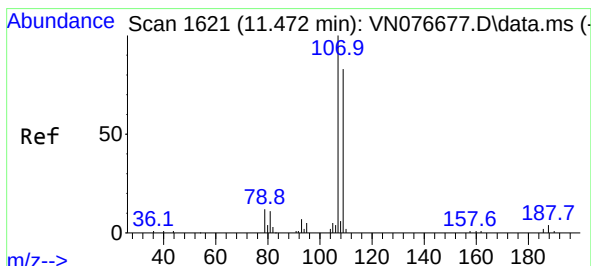
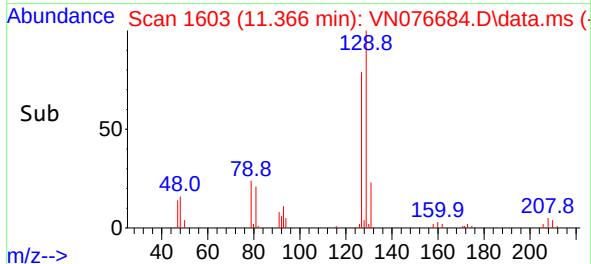
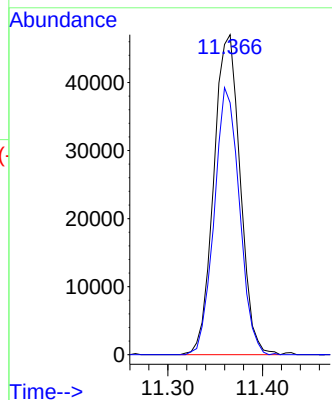
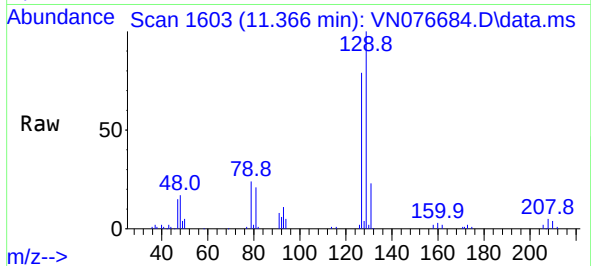
#53
Dibromochloromethane
Concen: 20.079 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:129 Resp: 91100
Ion Ratio Lower Upper
129 100
127 79.6 39.4 118.1

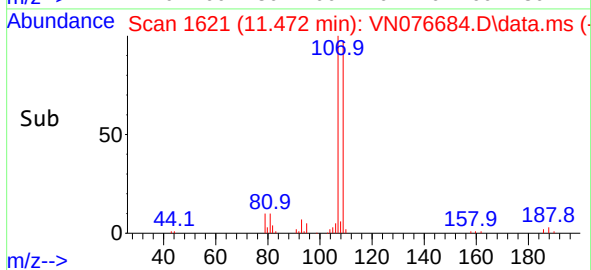
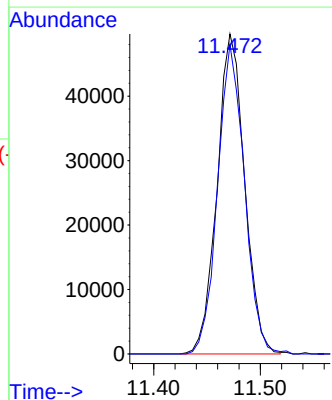
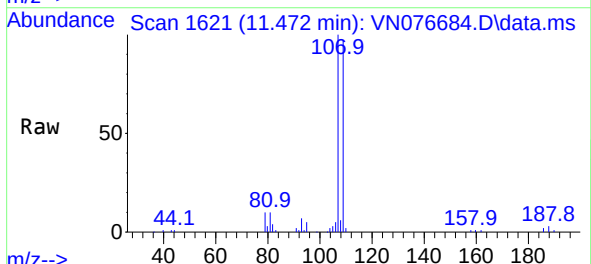
Manual Integrations
APPROVED

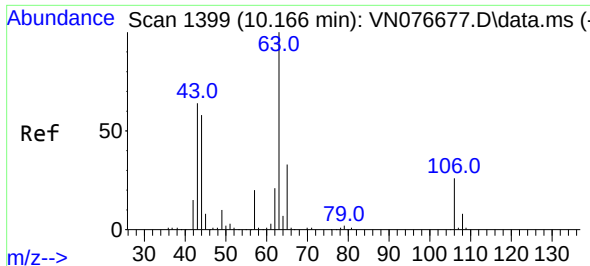
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#54
1,2-Dibromoethane
Concen: 20.727 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

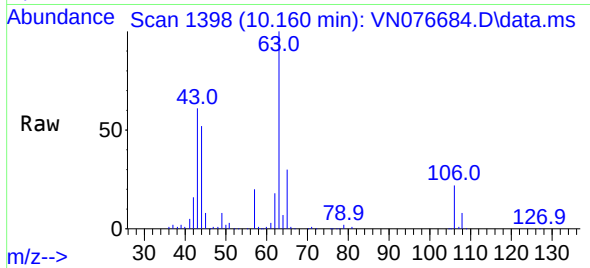
Tgt Ion:107 Resp: 89130
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 93.062 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

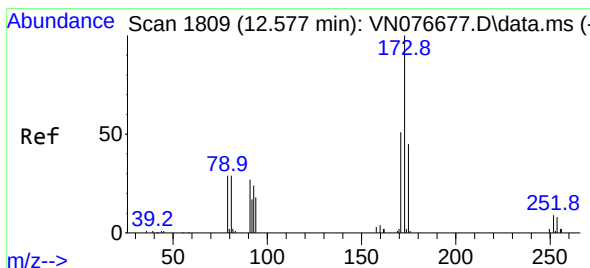
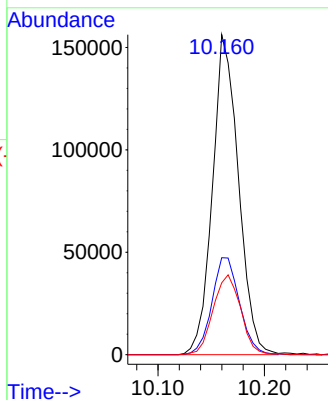
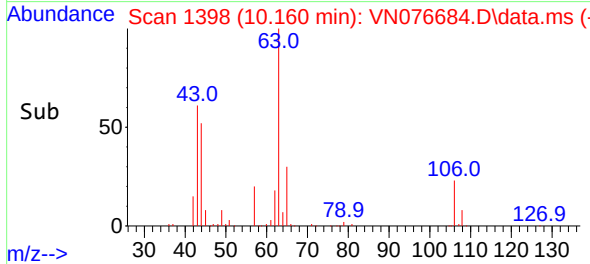
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



Tgt Ion: 63 Resp: 264580
Ion Ratio Lower Upper
63 100
65 32.3 26.3 39.5
106 26.4 21.6 32.4

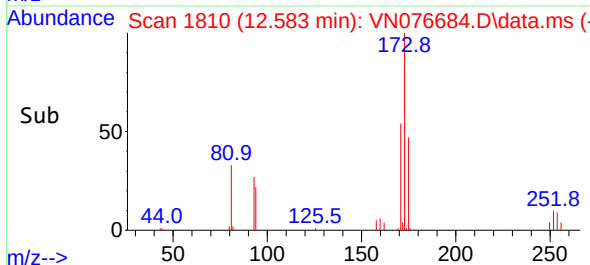
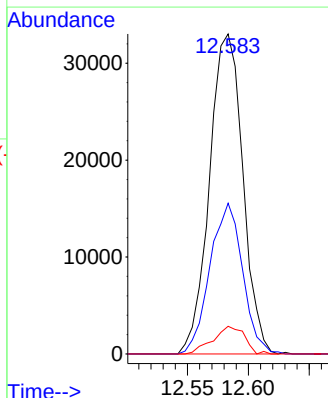
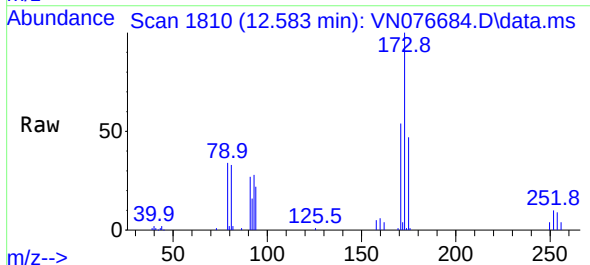
Manual Integrations
APPROVED

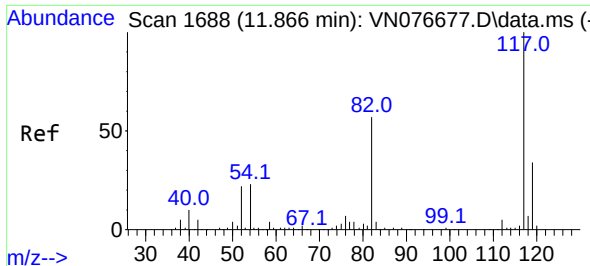
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
Bromoform
Concen: 20.109 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

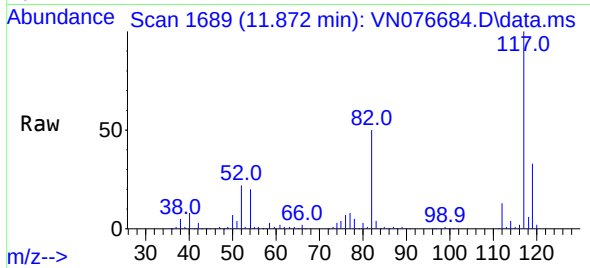
Tgt Ion:173 Resp: 62839
Ion Ratio Lower Upper
173 100
175 46.2 37.8 56.6
254 8.1 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

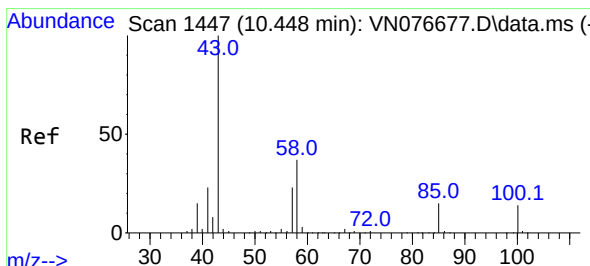
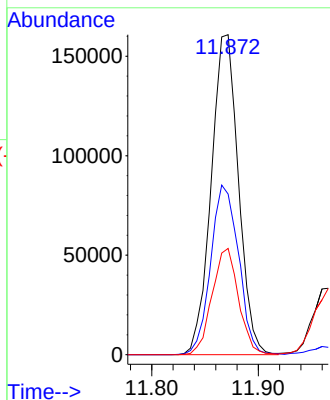
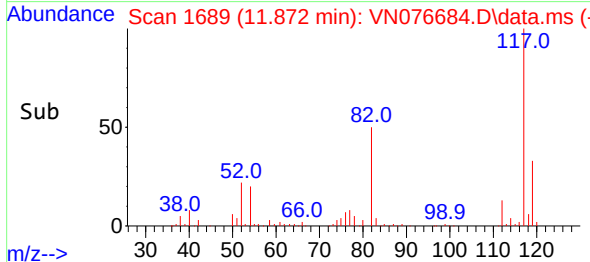
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



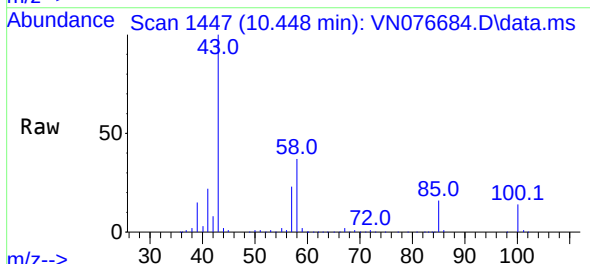
Tgt Ion: 117 Resp: 286128
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.2 26.8 40.2

Manual Integrations
APPROVED

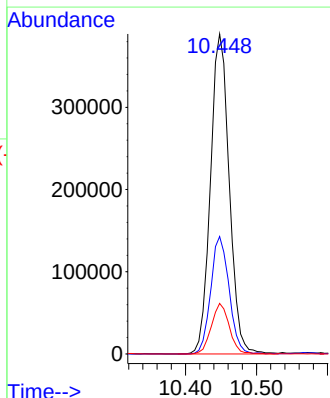
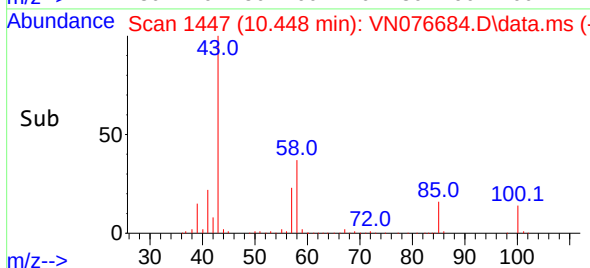
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

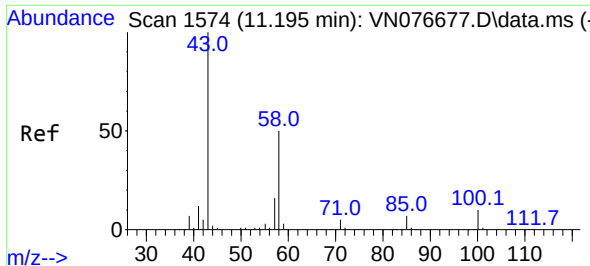


#58
4-Methyl-2-Pentanone
Concen: 104.965 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



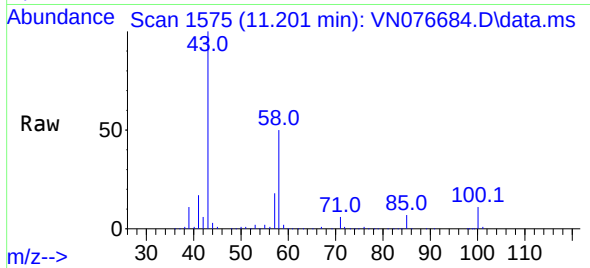
Tgt Ion: 43 Resp: 714311
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8
85 15.0 11.8 17.8





#59
2-Hexanone
Concen: 103.961 ug/l
RT: 11.201 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

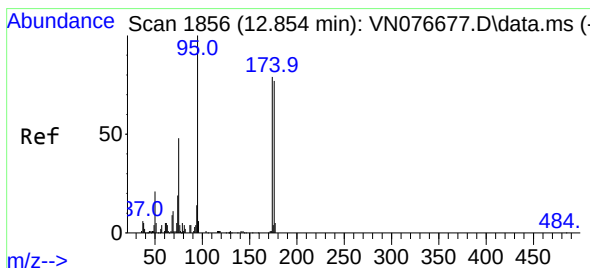
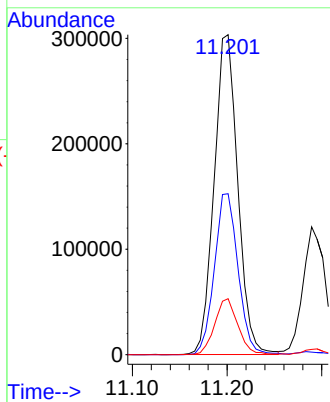
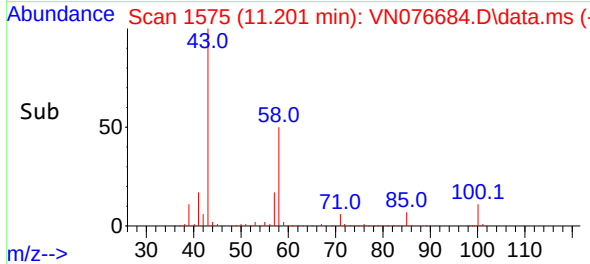
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



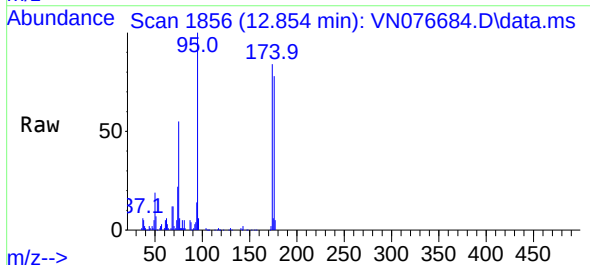
Tgt Ion: 43 Resp: 526234
Ion Ratio Lower Upper
43 100
58 50.2 40.6 60.8
57 16.9 13.1 19.7

Manual Integrations
APPROVED

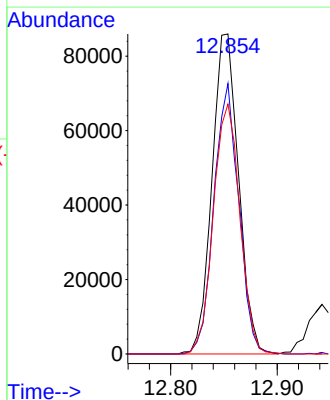
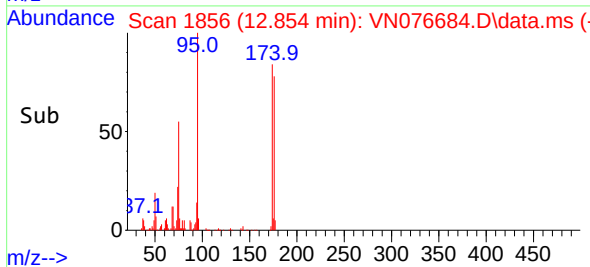
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

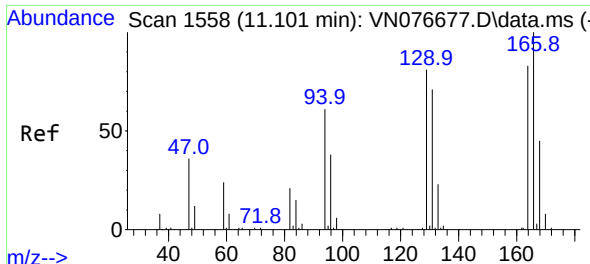


#60
4-Bromofluorobenzene
Concen: 29.400 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



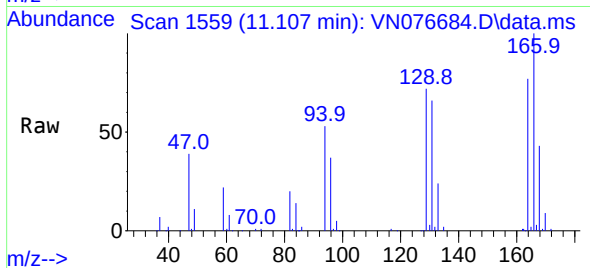
Tgt Ion: 95 Resp: 148794
Ion Ratio Lower Upper
95 100
174 79.2 64.2 96.4
176 78.0 61.4 92.0





#61
Tetrachloroethene
Concen: 19.444 ug/l
RT: 11.107 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

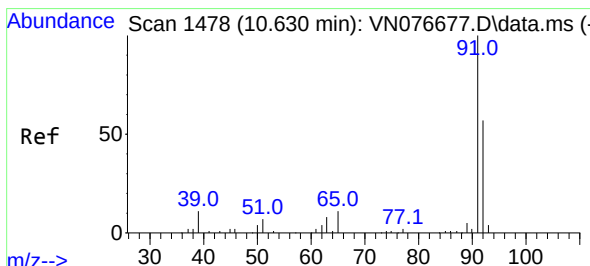
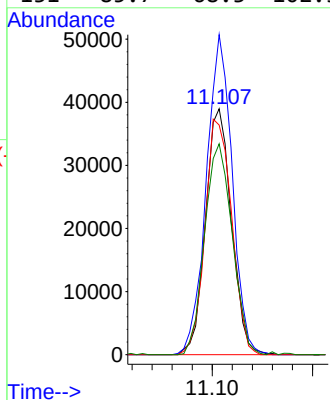
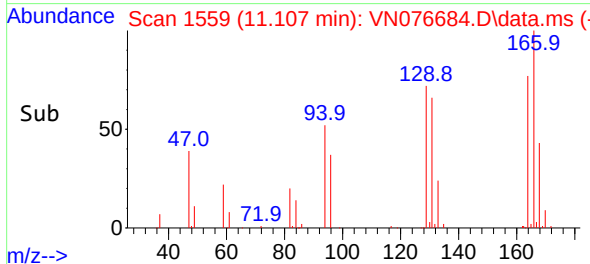
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



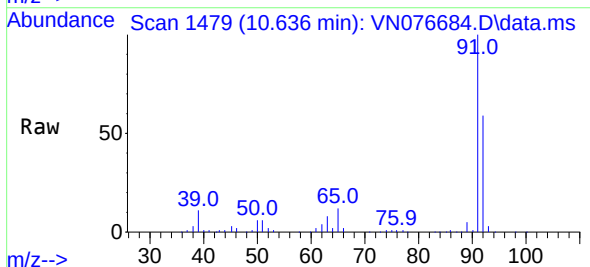
Tgt Ion:164 Resp: 7025
Ion Ratio Lower Upper
164 100
166 130.1 96.2 144.2
129 93.3 78.2 117.4
131 85.7 68.3 102.5

Manual Integrations
APPROVED

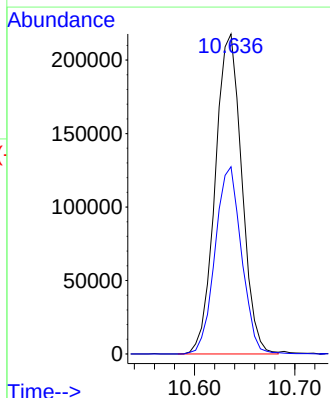
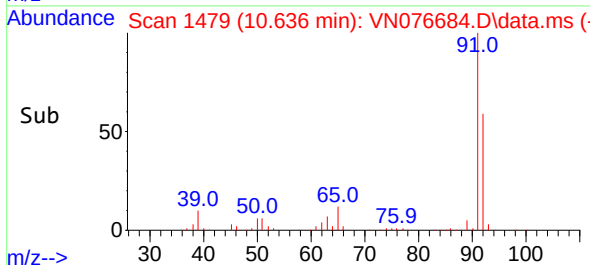
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

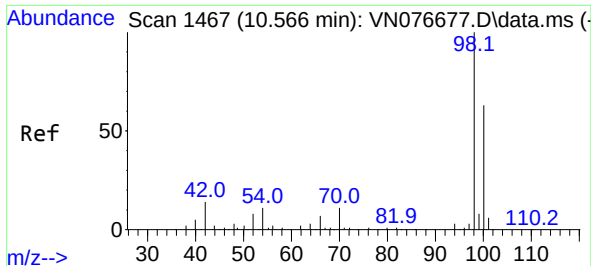


#62
Toluene
Concen: 20.069 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 91 Resp: 401300
Ion Ratio Lower Upper
91 100
92 58.0 46.3 69.5





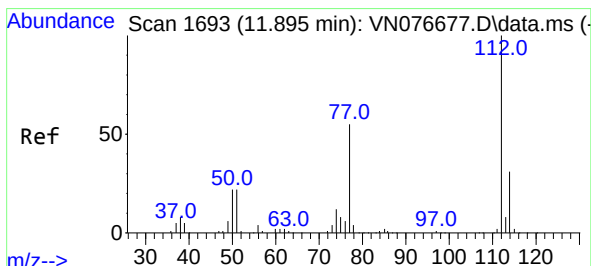
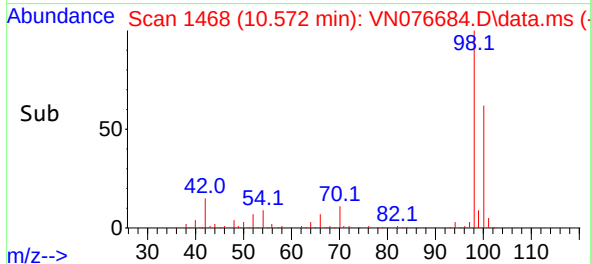
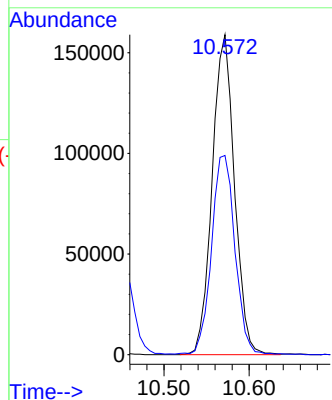
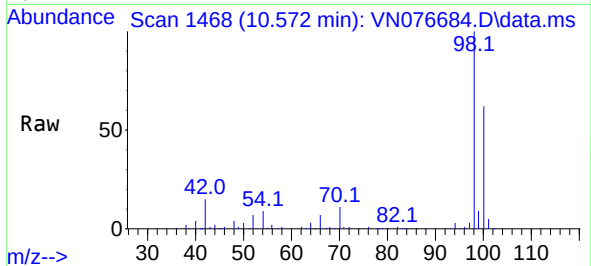
#63
Toluene-d8
Concen: 28.839 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion: 98 Resp: 289028
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.6

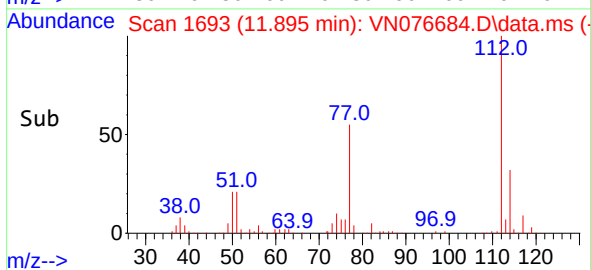
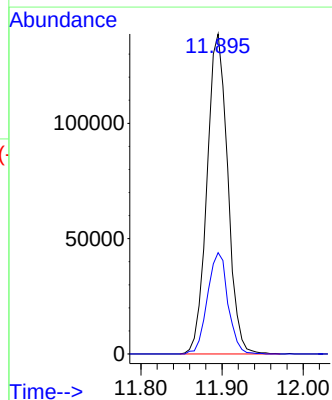
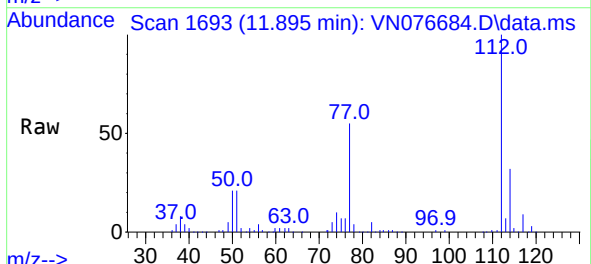
Manual Integrations
APPROVED

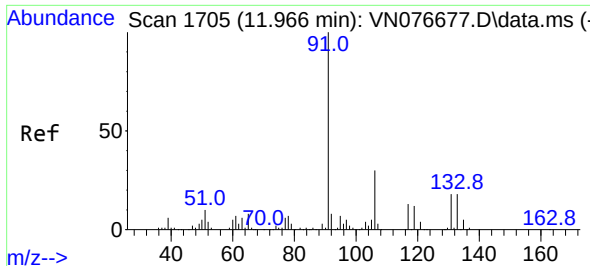
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
Chlorobenzene
Concen: 20.603 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Tgt Ion:112 Resp: 245445
Ion Ratio Lower Upper
112 100
114 31.7 24.5 36.7





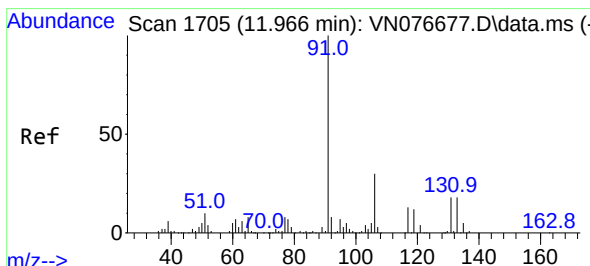
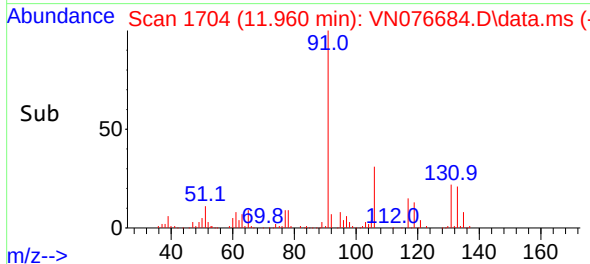
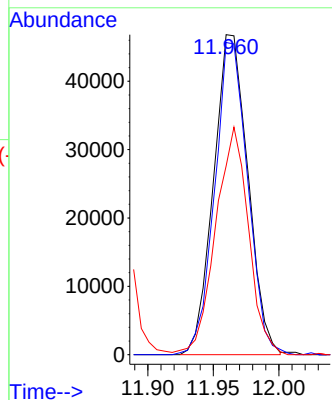
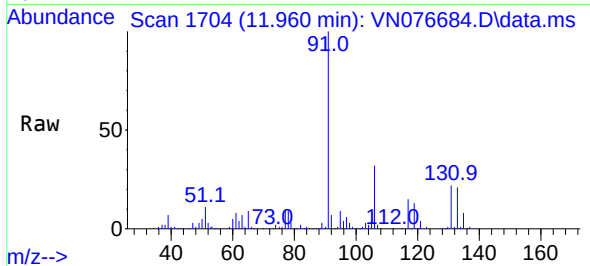
#65
1,1,1,2-Tetrachloroethane
Concen: 19.518 ug/l
RT: 11.960 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:131 Resp: 85238
Ion Ratio Lower Upper
131 100
133 93.9 0.0 197.6
119 68.1 0.0 127.8

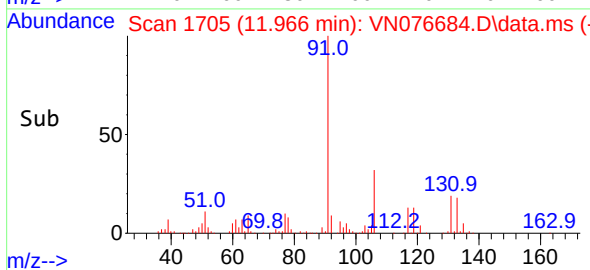
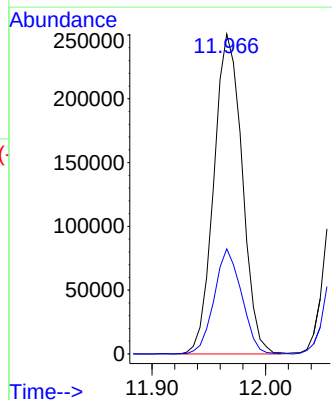
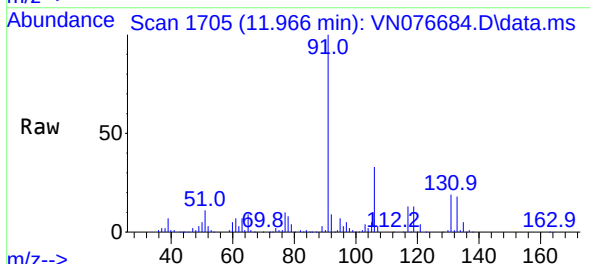
Manual Integrations
APPROVED

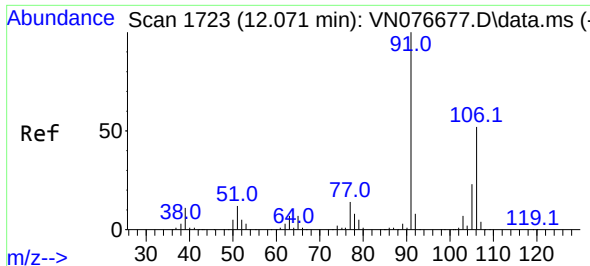
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Ethyl Benzene
Concen: 20.417 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Tgt Ion: 91 Resp: 434024
Ion Ratio Lower Upper
91 100
106 32.8 23.8 35.8





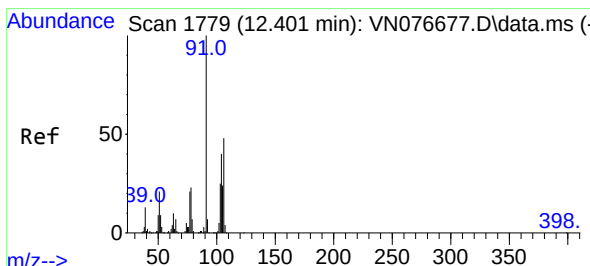
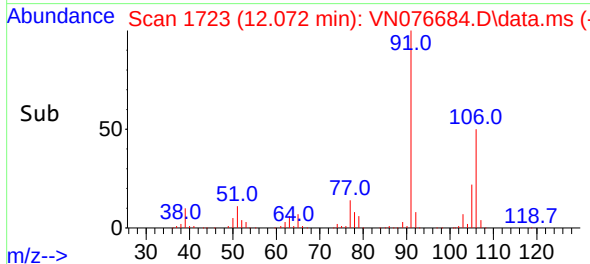
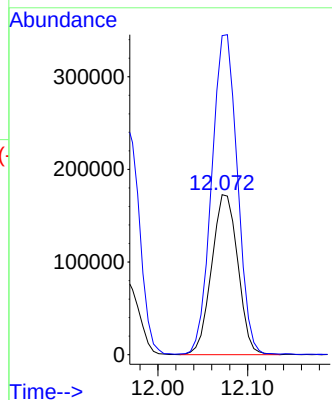
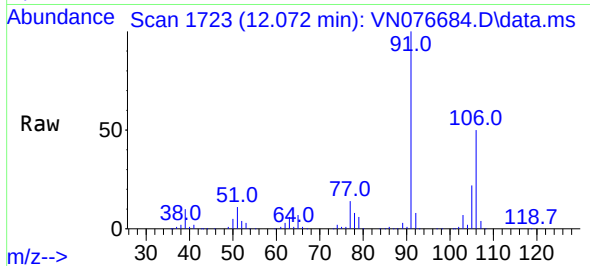
#67
m/p-Xylenes
Concen: 42.126 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:106 Resp: 350192
Ion Ratio Lower Upper
106 100
91 196.2 157.4 236.2

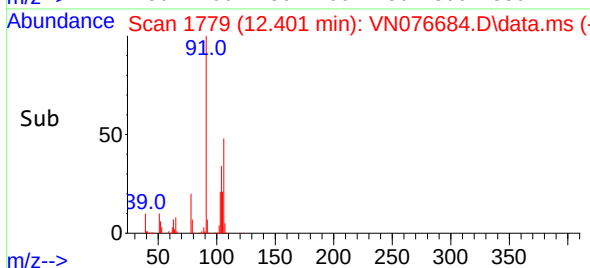
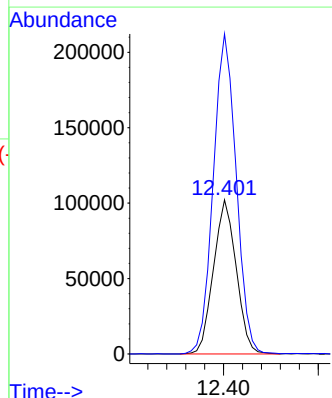
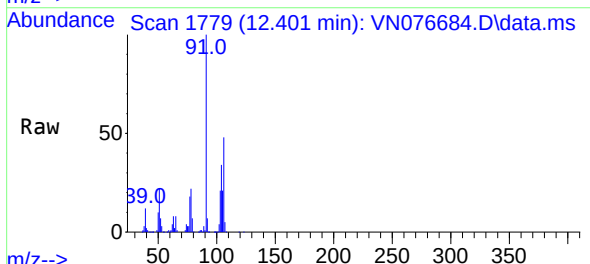
Manual Integrations
APPROVED

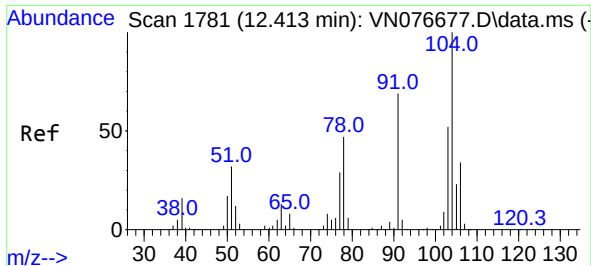
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#68
o-Xylene
Concen: 20.839 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Tgt Ion:106 Resp: 170713
Ion Ratio Lower Upper
106 100
91 209.2 107.2 321.6





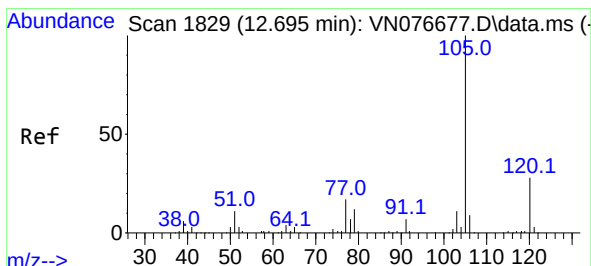
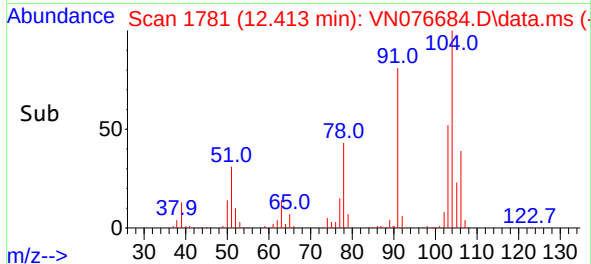
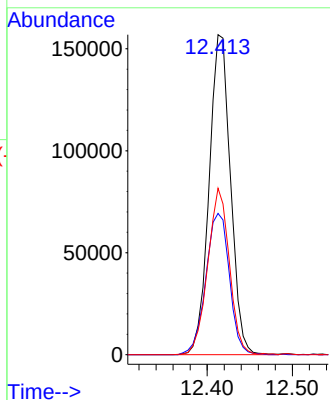
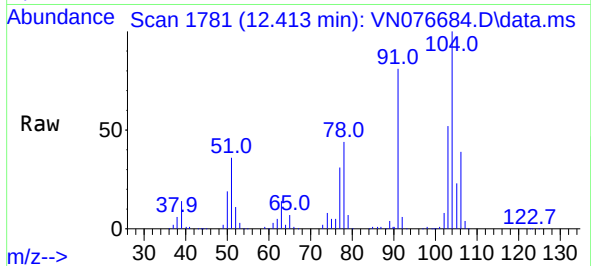
#69
Styrene
Concen: 20.837 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:104 Resp: 274040
Ion Ratio Lower Upper
104 100
78 48.6 39.6 59.4
103 52.4 43.9 65.9

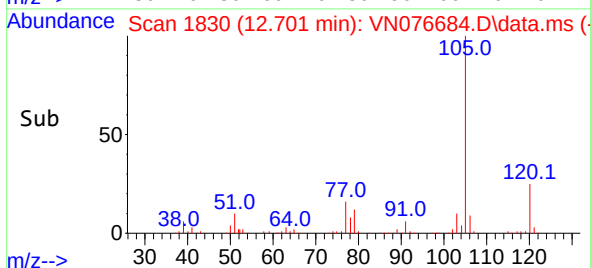
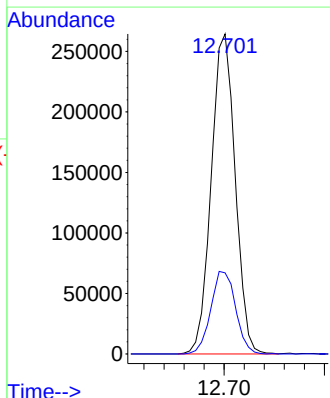
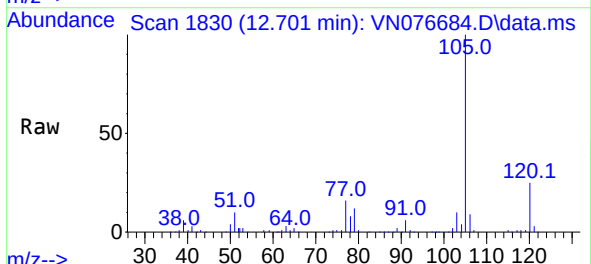
Manual Integrations
APPROVED

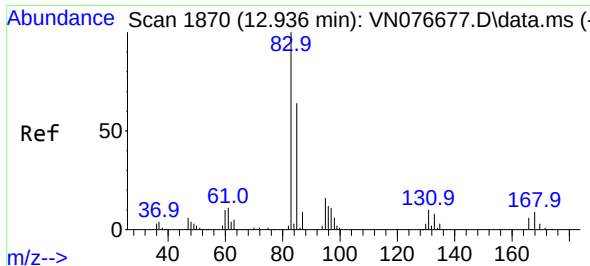
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
Isopropylbenzene
Concen: 21.002 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

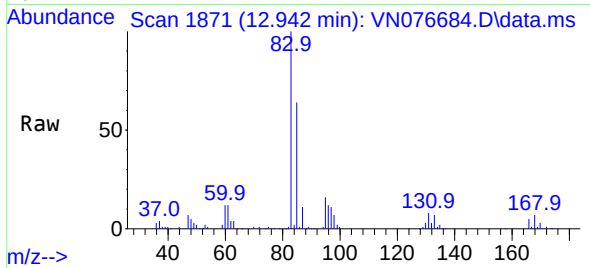
Tgt Ion:105 Resp: 438925
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.478 ug/l
RT: 12.942 min Scan# 1870
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

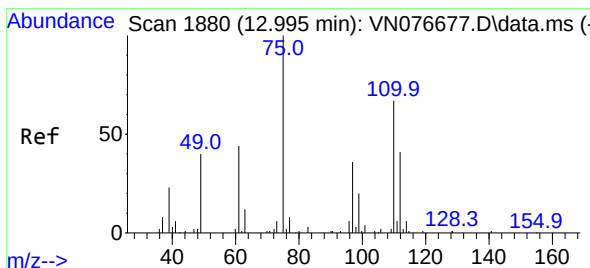
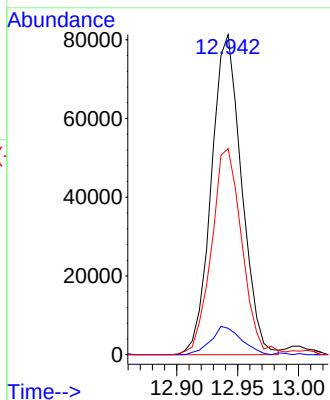
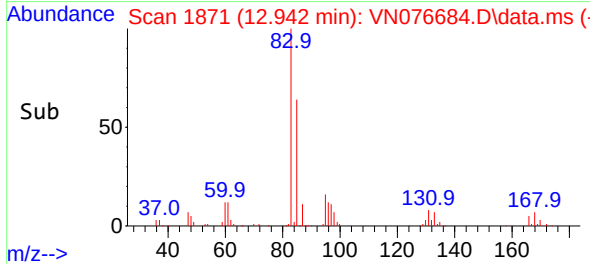
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



Tgt Ion: 83 Resp: 140018
Ion Ratio Lower Upper
83 100
131 8.9 5.0 14.9
85 64.1 32.3 96.9

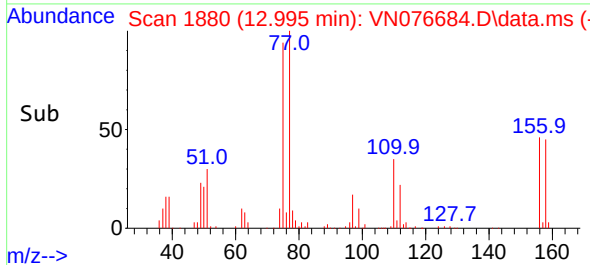
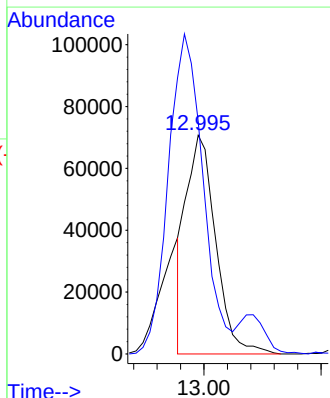
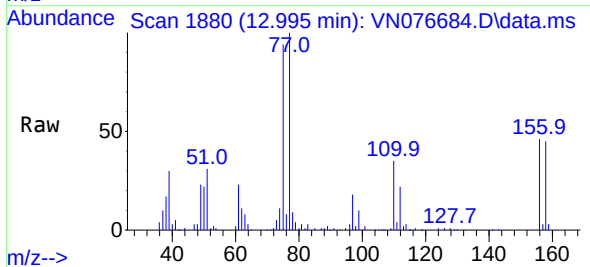
Manual Integrations
APPROVED

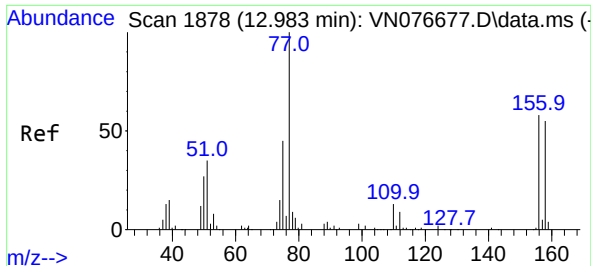
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#72
1,2,3-Trichloropropane
Concen: 20.667 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

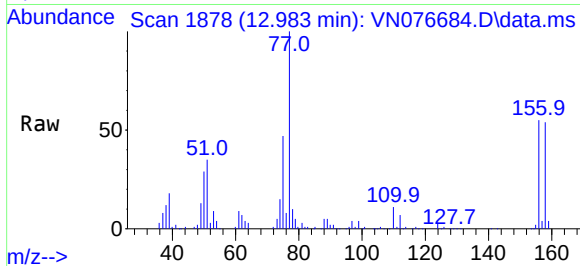
Tgt Ion: 75 Resp: 124480
Ion Ratio Lower Upper
75 100
77 171.0 0.0 332.6





#73
Bromobenzene
Concen: 20.873 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

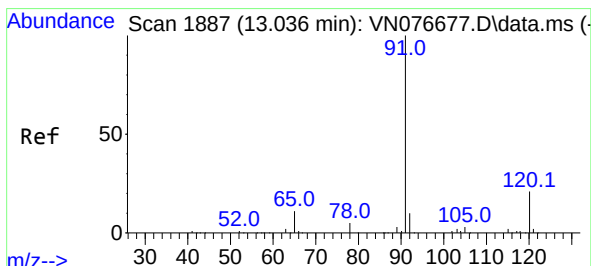
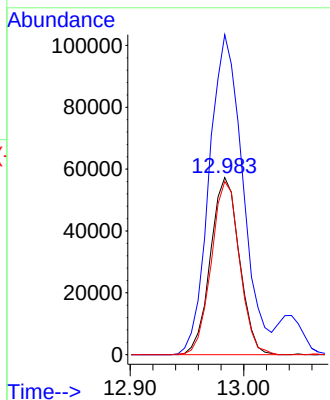
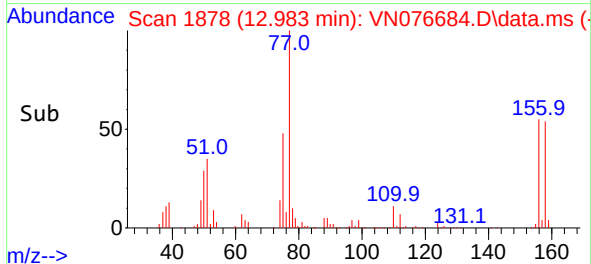
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



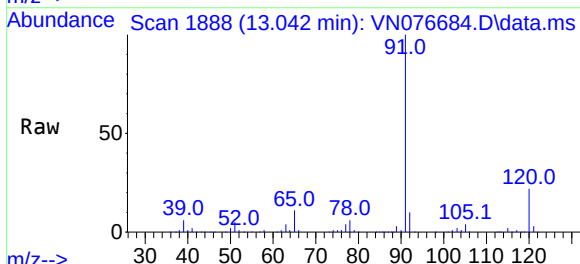
Tgt Ion:156 Resp: 10122
Ion Ratio Lower Upper
156 100
77 210.3 0.0 423.0
158 95.5 0.0 188.6

Manual Integrations
APPROVED

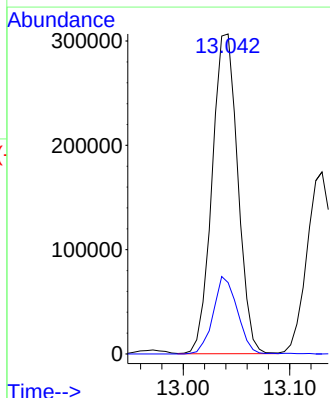
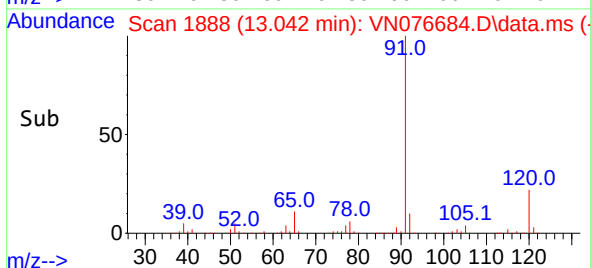
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

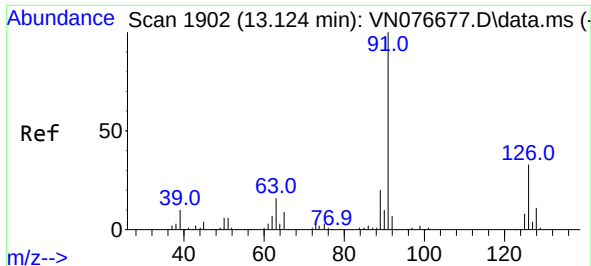


#74
n-propylbenzene
Concen: 20.640 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 91 Resp: 513751
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.0





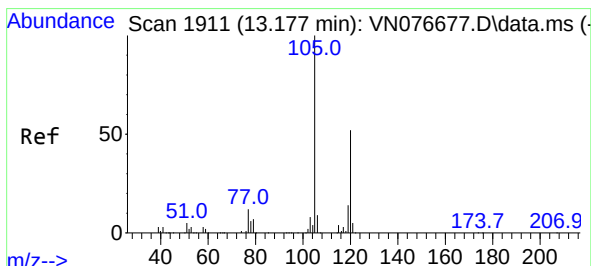
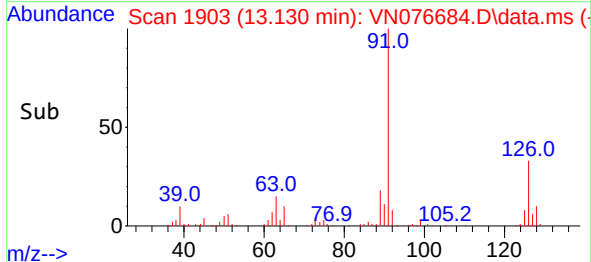
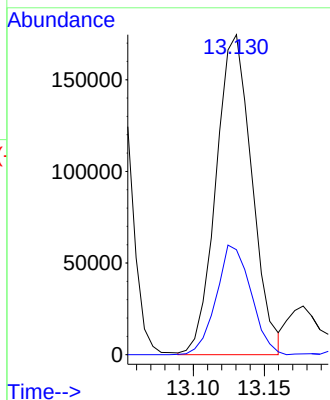
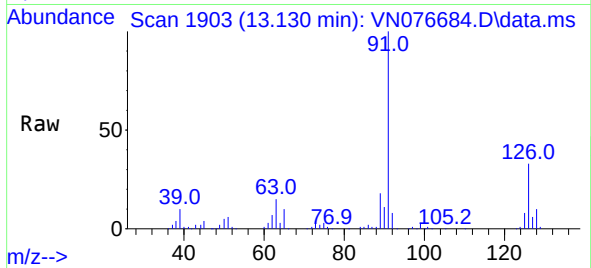
#75
2-Chlorotoluene
Concen: 20.737 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion: 91 Resp: 30715
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.4

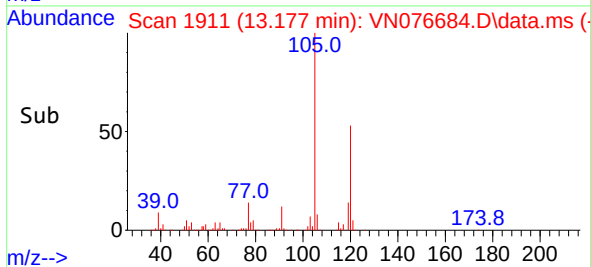
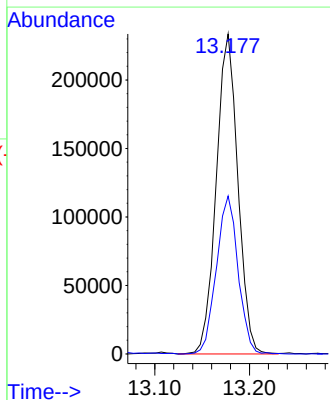
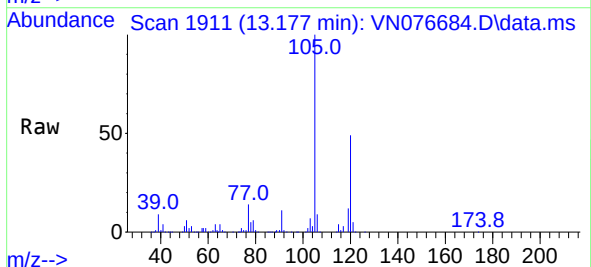
Manual Integrations
APPROVED

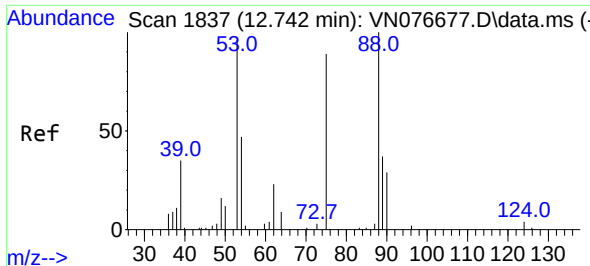
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.263 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

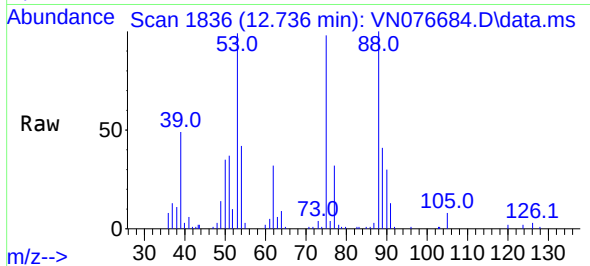
Tgt Ion:105 Resp: 370612
Ion Ratio Lower Upper
105 100
120 49.5 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 21.197 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

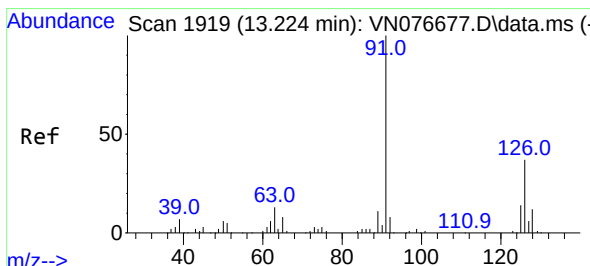
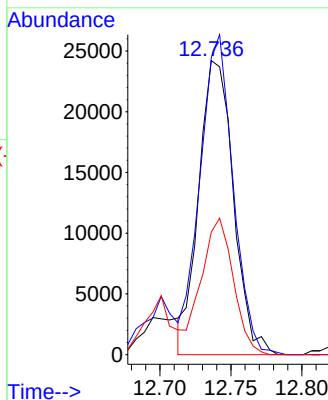
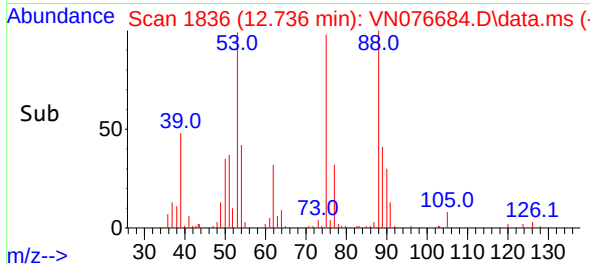
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



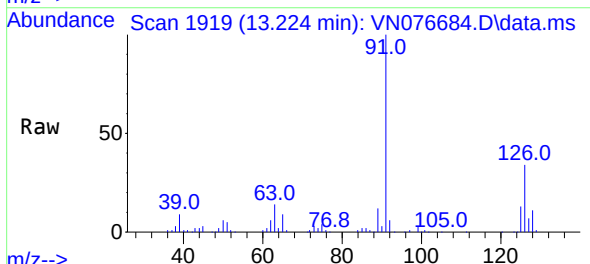
Tgt Ion: 75 Resp: 41020
Ion Ratio Lower Upper
75 100
53 100.4 50.4 151.3
89 41.7 22.1 66.5

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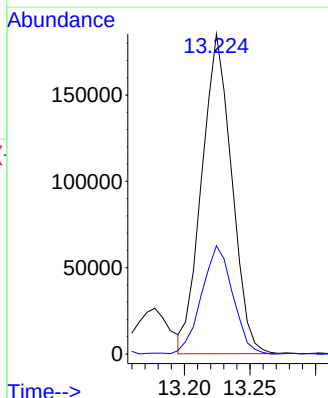
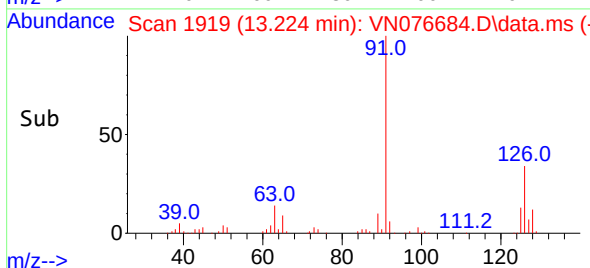
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

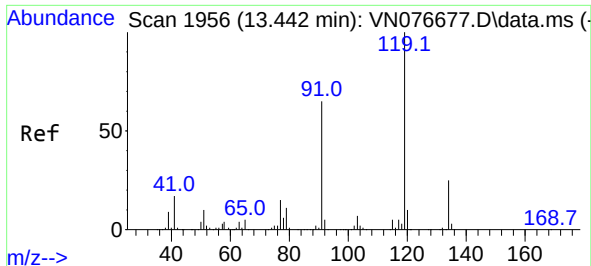


#78
4-Chlorotoluene
Concen: 20.705 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion: 91 Resp: 294000
Ion Ratio Lower Upper
91 100
126 35.1 0.0 70.6





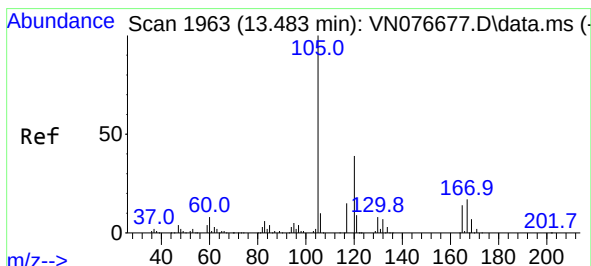
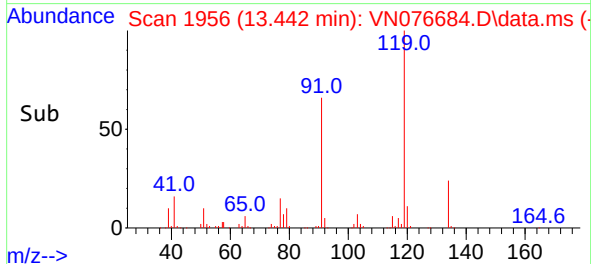
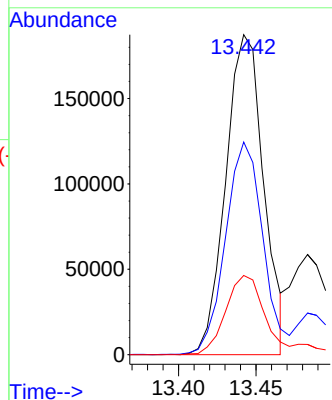
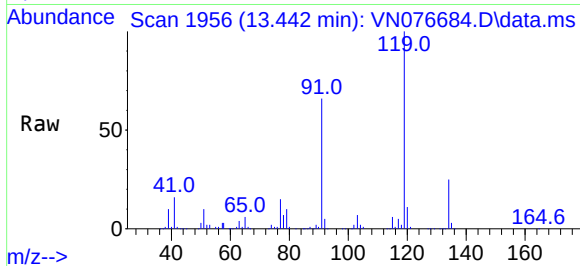
#79
tert-butylbenzene
Concen: 20.682 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:119 Resp: 31917
Ion Ratio Lower Upper
119 100
91 65.5 0.0 129.6
134 25.0 0.0 47.8

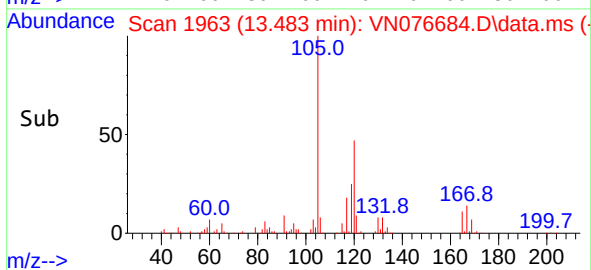
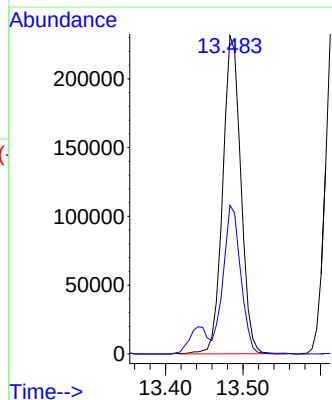
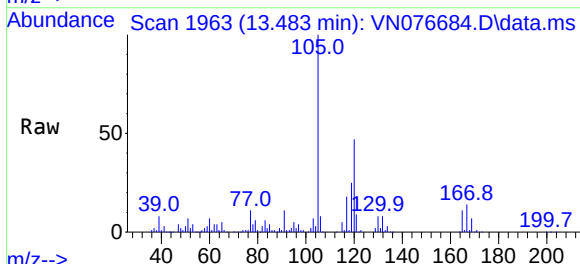
Manual Integrations
APPROVED

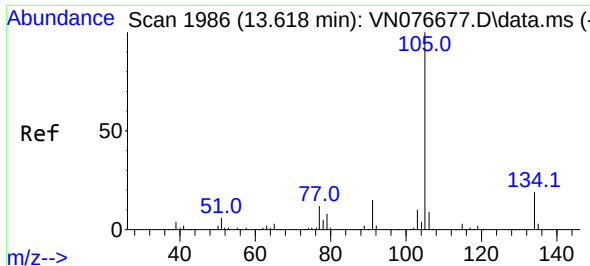
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.682 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

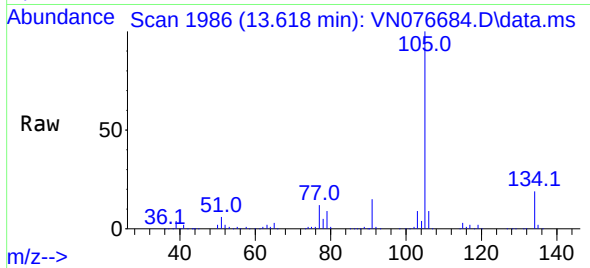
Tgt Ion:105 Resp: 375259
Ion Ratio Lower Upper
105 100
120 45.1 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 21.028 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076684.D
 Acq: 15 Feb 2023 14:04

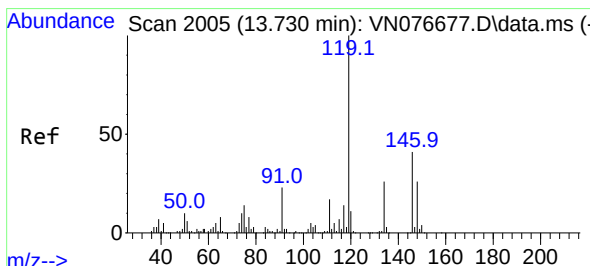
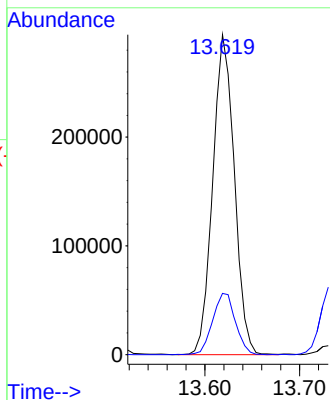
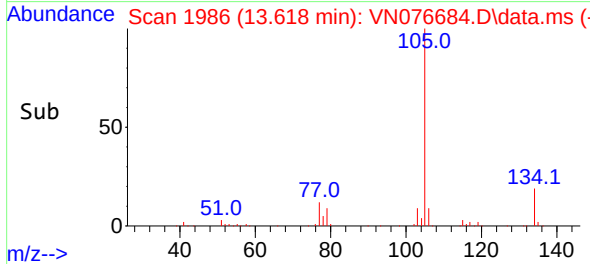
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBS01



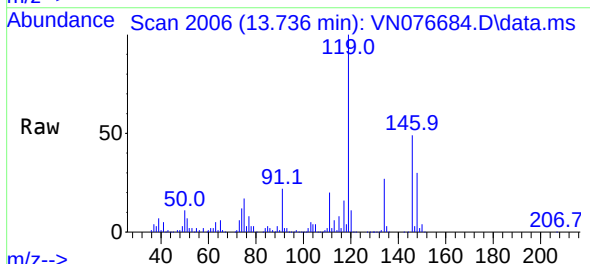
Tgt Ion:105 Resp: 46601
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4

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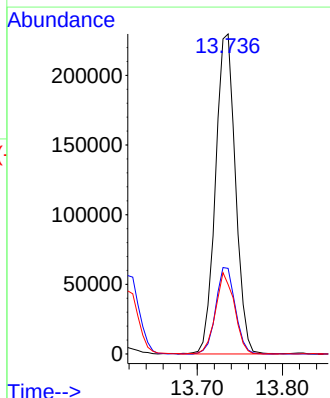
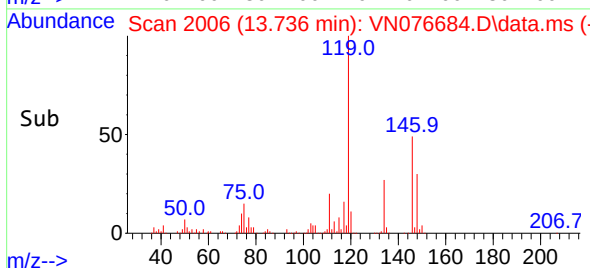
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

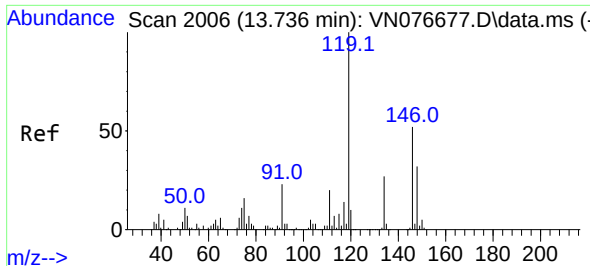


#82
 p-Isopropyltoluene
 Concen: 20.797 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076684.D
 Acq: 15 Feb 2023 14:04



Tgt Ion:119 Resp: 373669
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.4
 91 24.1 0.0 47.2





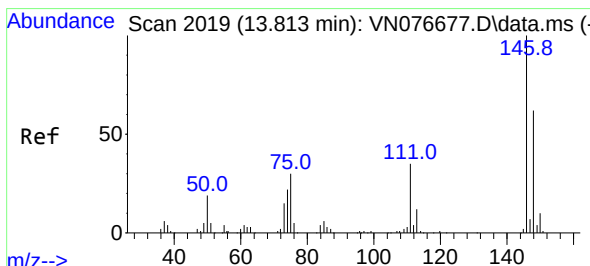
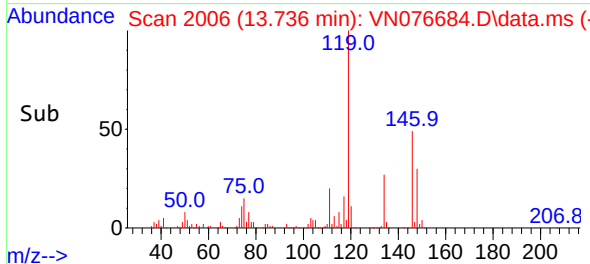
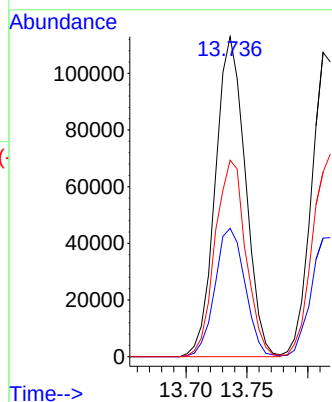
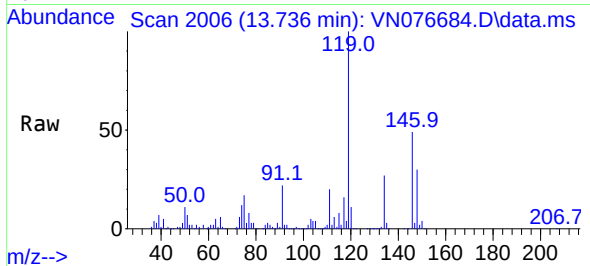
#83
1,3-Dichlorobenzene
Concen: 20.859 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:146 Resp: 19328
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 62.9 31.9 95.5

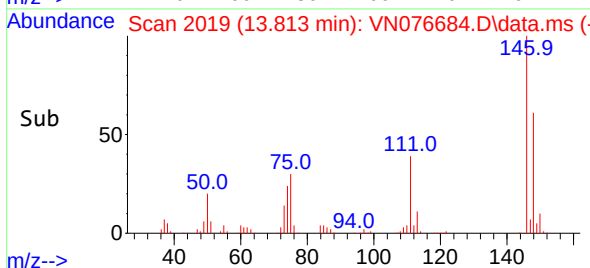
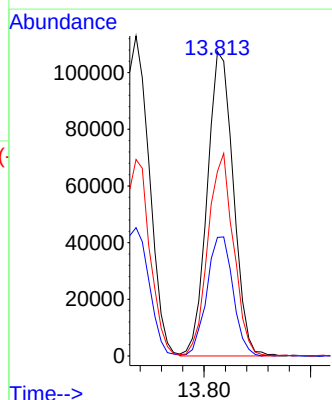
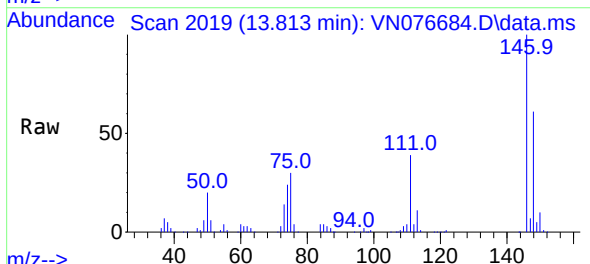
Manual Integrations
APPROVED

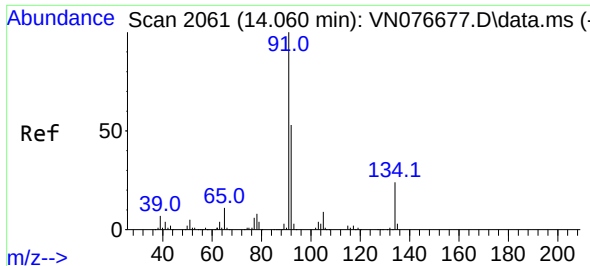
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#84
1,4-Dichlorobenzene
Concen: 20.231 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

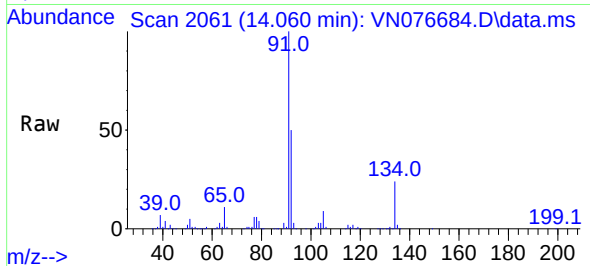
Tgt Ion:146 Resp: 182844
Ion Ratio Lower Upper
146 100
111 39.3 18.2 54.6
148 65.2 31.1 93.2





#85
n-Butylbenzene
Concen: 20.841 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

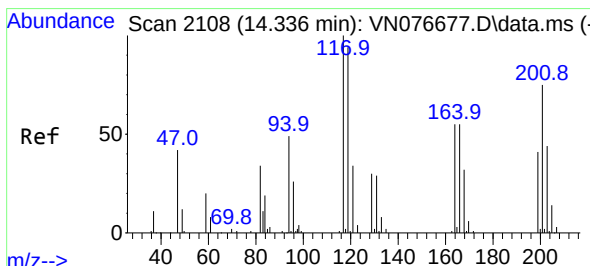
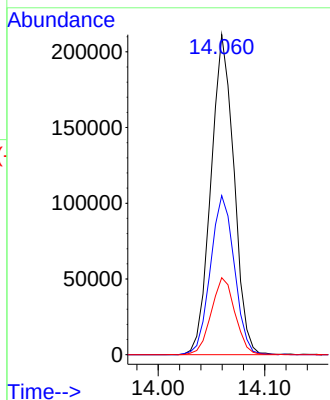
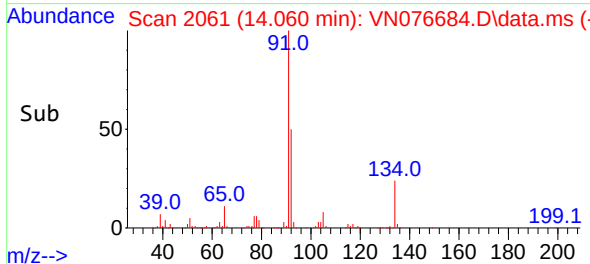
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



Tgt Ion: 91 Resp: 31737
Ion Ratio Lower Upper
91 100
92 51.7 0.0 103.2
134 24.9 0.0 50.0

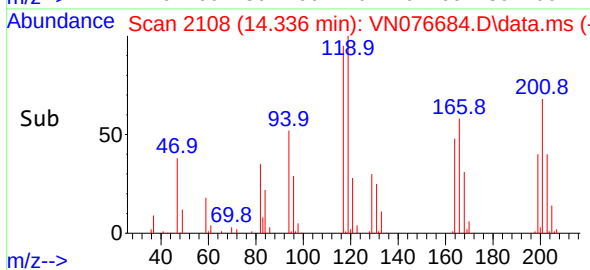
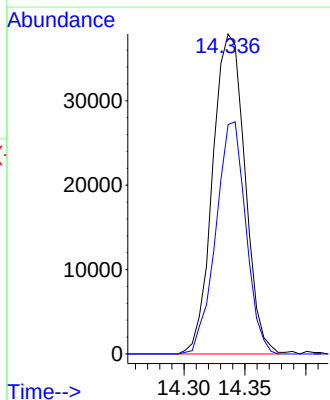
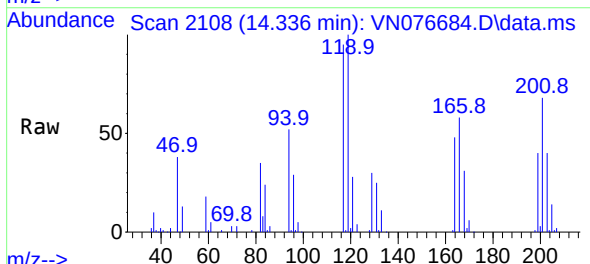
Manual Integrations
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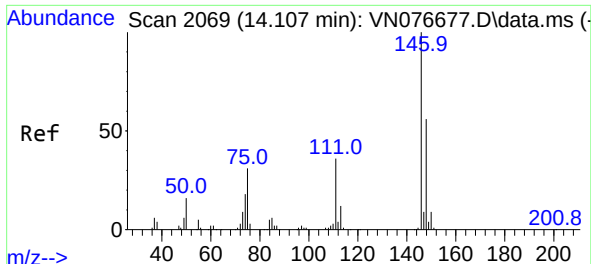
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#86
Hexachloroethane
Concen: 20.113 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Tgt Ion:117 Resp: 69957
Ion Ratio Lower Upper
117 100
201 67.4 32.2 96.6





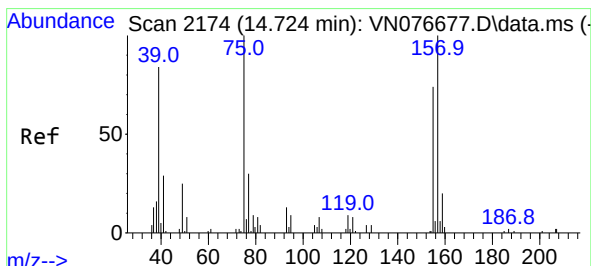
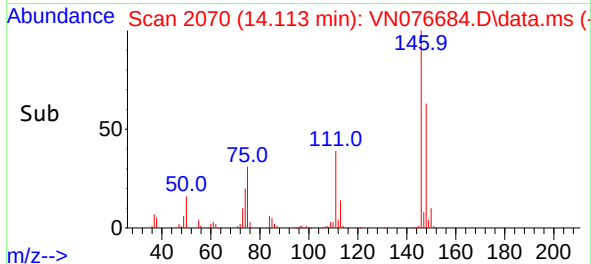
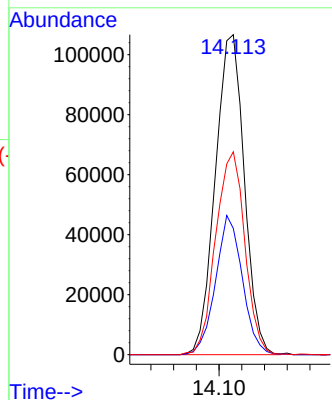
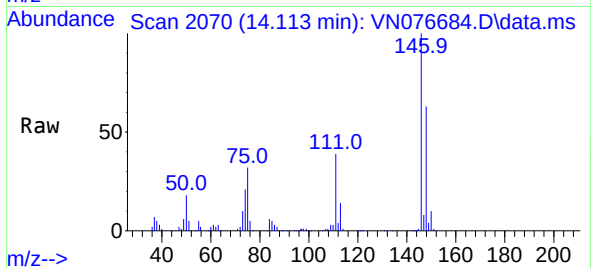
#87
1,2-Dichlorobenzene
Concen: 20.312 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01

Tgt Ion:146 Resp: 18925
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 63.7 32.5 97.5

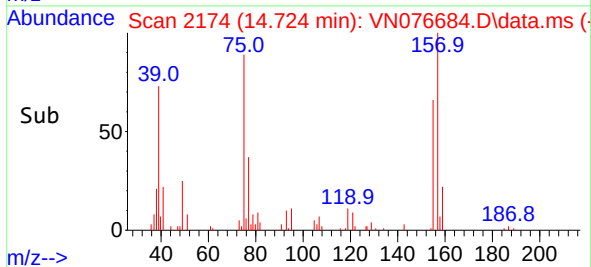
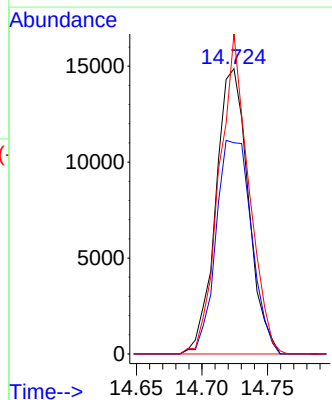
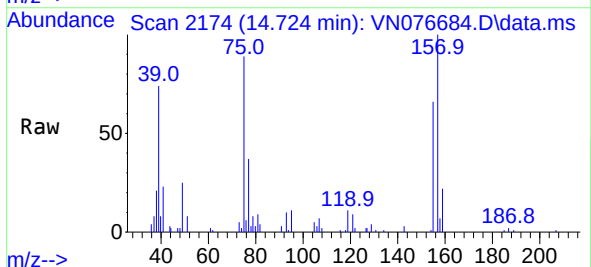
Manual Integrations
APPROVED

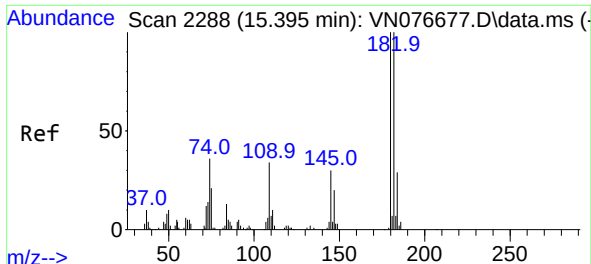
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.217 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

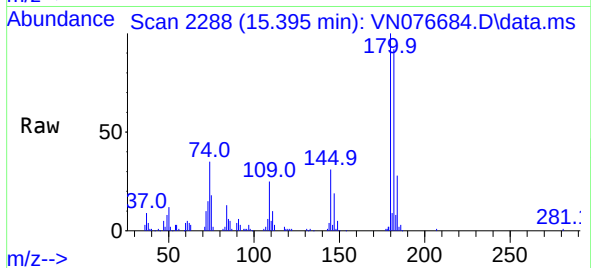
Tgt Ion: 75 Resp: 25624
Ion Ratio Lower Upper
75 100
155 82.2 62.5 93.7
157 102.0 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 20.156 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

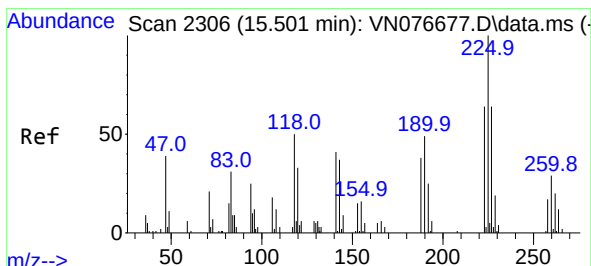
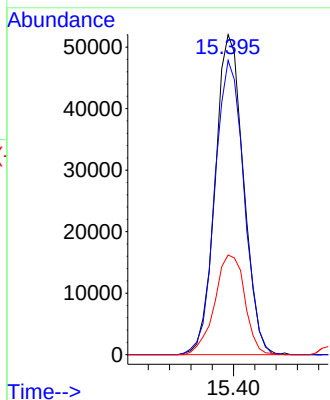
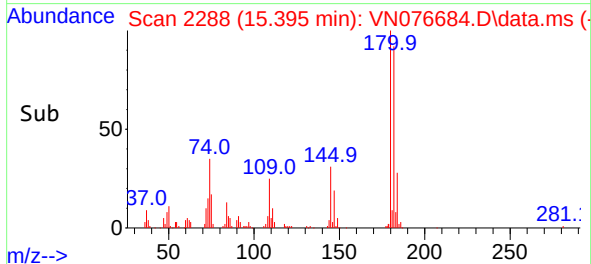
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



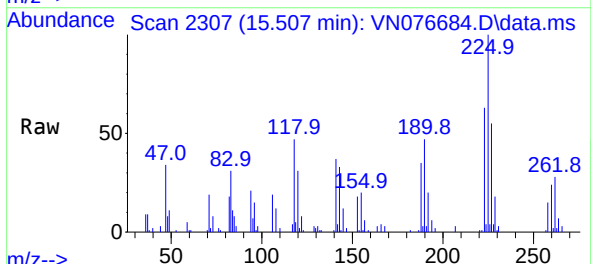
Tgt Ion:180 Resp: 9580
Ion Ratio Lower Upper
180 100
182 94.7 76.6 115.0
145 33.1 24.6 36.8

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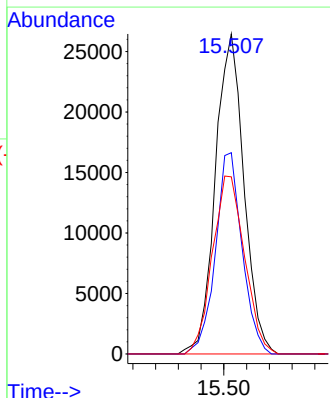
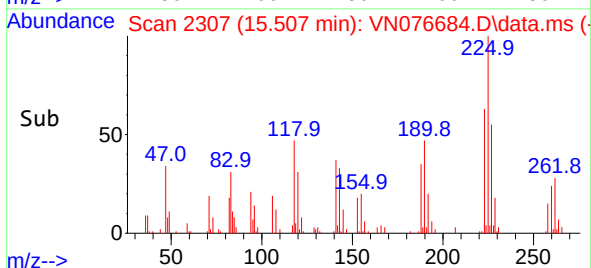
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

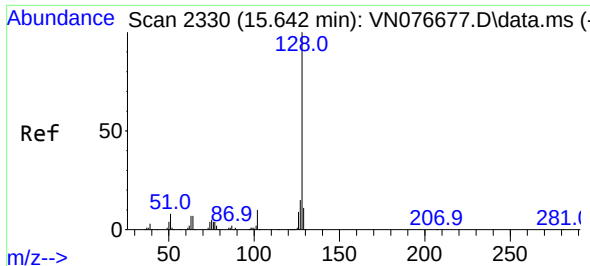


#90
Hexachlorobutadiene
Concen: 20.152 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



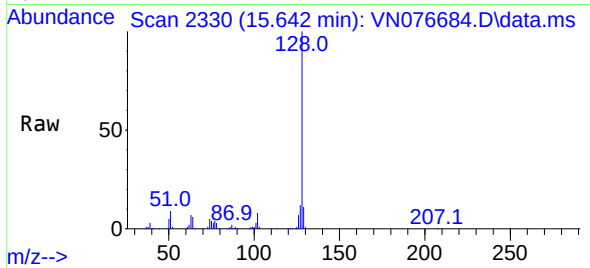
Tgt Ion:225 Resp: 46144
Ion Ratio Lower Upper
225 100
223 58.8 0.0 135.4
227 62.4 0.0 129.4





#91
Naphthalene
Concen: 21.238 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04

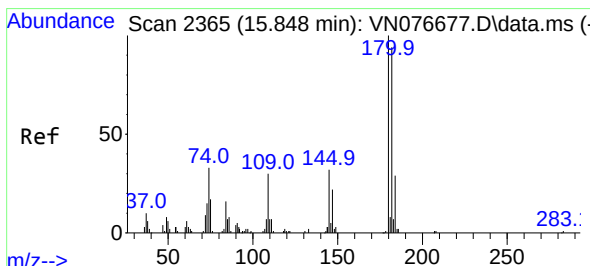
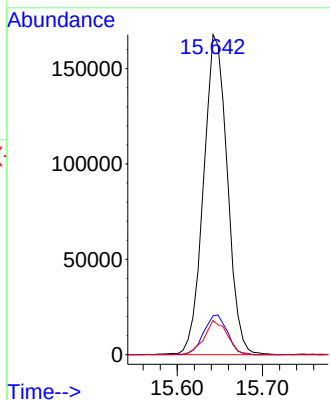
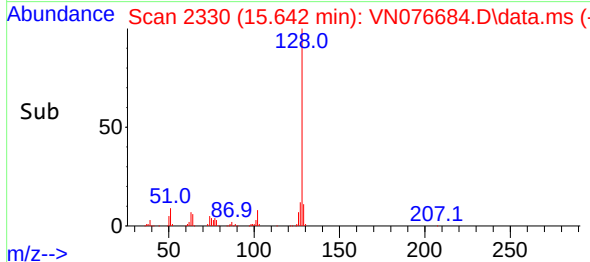
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBS01



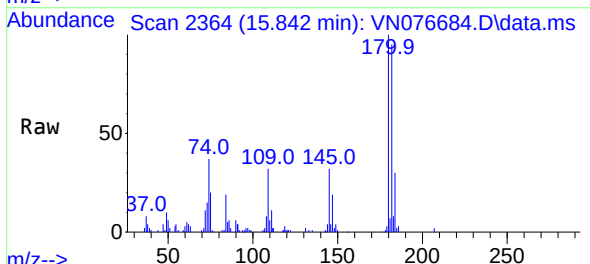
Tgt Ion:128 Resp: 32456
Ion Ratio Lower Upper
128 100
127 12.4 11.0 16.6
129 10.4 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.250 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN076684.D
Acq: 15 Feb 2023 14:04



Tgt Ion:180 Resp: 97693
Ion Ratio Lower Upper
180 100
182 92.2 0.0 190.8
145 31.3 0.0 65.0

