

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078854.D
 Acq On : 11 Aug 2023 09:57
 Operator : JC\MD
 Sample : VN0811WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

Quant Time: Aug 12 01:58:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	29358m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163019m	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	148730	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	72855	30.824	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.733%	
60) 4-Bromofluorobenzene	12.853	95	63177	30.262	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.867%	
63) Toluene-d8	10.571	98	212905	29.212	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 97.367%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	39266	19.403	ug/l	99
3) Chloromethane	2.371	50	49963	20.734	ug/l	99
4) Vinyl Chloride	2.524	62	47524	20.725	ug/l	99
5) Bromomethane	2.959	94	31073m	18.628	ug/l	
6) Chloroethane	3.130	64	32830	20.155	ug/l	97
7) Trichlorofluoromethane	3.506	101	60448	19.207	ug/l	95
8) Diethyl Ether	3.965	74	21769	19.452	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.383	101	33216	19.674	ug/l	90
10) 1,1-Dichloroethene	4.353	96	32112	19.641	ug/l	98
11) Methyl Iodide	4.600	142	44905	20.589	ug/l	93
12) Methyl Acetate	5.036	43	73206m	20.600	ug/l	
13) Acrolein	4.183	56	37637m	99.995	ug/l	
14) Acrylonitrile	5.736	53	95759m	102.266	ug/l	
15) Acetone	4.442	58	29566	122.546	ug/l	74
16) Carbon Disulfide	4.724	76	88939	18.792	ug/l #	93
17) Allyl chloride	5.036	41	58487m	20.465	ug/l	
18) Methylene Chloride	5.283	84	41592	20.385	ug/l #	84
19) trans-1,2-Dichloroethene	5.800	96	35270m	18.788	ug/l	
20) Diisopropyl ether	6.683	45	139183	21.687	ug/l #	95
21) 1,1-Dichloroethane	6.577	63	72366	19.778	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	43354	20.836	ug/l	96
23) tert-Butyl Alcohol	5.536	59	31639	90.930	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	111857	20.441	ug/l	93
25) Chloroform	7.971	83	77734m	21.399	ug/l	
26) Cyclohexane	8.259	56	56046m	19.448	ug/l	
29) 1,1-Dichloropropene	8.377	75	53520	20.208	ug/l	94
30) 2-Butanone	7.500	43	134962	103.968	ug/l #	90
31) 2,2-Dichloropropane	7.500	77	57467	21.042	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	63486	20.355	ug/l	97
33) Carbon Tetrachloride	8.365	117	54694	20.318	ug/l	89
34) Benzene	8.612	78	162201	20.128	ug/l	98
35) Methacrylonitrile	7.788	41	28365	18.608	ug/l	85
36) 1,2-Dichloroethane	8.677	62	61630	21.877	ug/l	97
37) Trichloroethene	9.359	130	37541	19.359	ug/l	99
38) Methylcyclohexane	9.606	83	46971	18.732	ug/l	88
39) 1,2-Dichloropropane	9.630	63	44314	20.784	ug/l	97
40) Dibromomethane	9.712	93	30414	21.422	ug/l	94
41) Bromodichloromethane	9.888	83	59389	20.760	ug/l	97
42) Vinyl Acetate	6.618	43	407618	99.786	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	56015	20.787	ug/l	99
44) Isopropyl Acetate	8.694	43	100942	20.861	ug/l #	85
45) 1,4-Dioxane	9.694	88	13306	409.864	ug/l	90
46) Methyl methacrylate	9.682	41	40078	19.560	ug/l	78
47) n-amyl Acetate	12.500	43	68157	20.148	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	61144	21.167	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	68040	21.180	ug/l #	88
50) 1,1,2-Trichloroethane	11.024	97	39298	20.370	ug/l	96
51) Ethyl methacrylate	10.882	69	54517	20.161	ug/l	81
52) 1,3-Dichloropropane	11.165	76	70666	21.333	ug/l	96
53) Dibromochloromethane	11.365	129	42661	21.188	ug/l	95
54) 1,2-Dibromoethane	11.471	107	39312	20.858	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	104710	105.000	ug/l	94
56) Bromoform	12.582	173	26579	21.087	ug/l #	93
58) 4-Methyl-2-Pentanone	10.447	43	276908	96.863	ug/l #	90
59) 2-Hexanone	11.200	43	195113	98.215	ug/l #	89
61) Tetrachloroethene	11.106	164	31172	18.320	ug/l	92
62) Toluene	10.635	91	171623	19.600	ug/l	98
64) Chlorobenzene	11.894	112	98897	19.293	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	38275	19.380	ug/l	98
66) Ethyl Benzene	11.971	91	171599	18.869	ug/l	96
67) m/p-Xylenes	12.076	106	134053	40.202	ug/l	100
68) o-Xylene	12.400	106	64376	19.396	ug/l	100
69) Styrene	12.418	104	102929	20.295	ug/l	99
70) Isopropylbenzene	12.700	105	160093	19.528	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	55439	19.956	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	45379m	18.713	ug/l	
73) Bromobenzene	12.988	156	38249	19.521	ug/l	97
74) n-propylbenzene	13.041	91	179637	19.802	ug/l	99
75) 2-Chlorotoluene	13.129	91	110135	19.488	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	127794	19.627	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	15547	20.426	ug/l	84
78) 4-Chlorotoluene	13.229	91	103977	19.832	ug/l	99
79) tert-butylbenzene	13.441	119	97105	18.176	ug/l	92
80) 1,2,4-Trimethylbenzene	13.488	105	121349	19.750	ug/l	99
81) sec-Butylbenzene	13.623	105	136545	19.091	ug/l	97
82) p-Isopropyltoluene	13.735	119	105599	18.849	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	57289	18.919	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	54379	18.805	ug/l	98
85) n-Butylbenzene	14.059	91	75431	18.297	ug/l	97
86) Hexachloroethane	14.335	117	21907	18.564	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	58863	19.759	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	6789	17.205	ug/l	94
89) 1,2,4-Trichlorobenzene	15.400	180	12060m	14.626	ug/l	
90) Hexachlorobutadiene	15.506	225	10057	16.566	ug/l	92
91) Naphthalene	15.647	128	35368	13.717	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	14613	15.110	ug/l	99

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

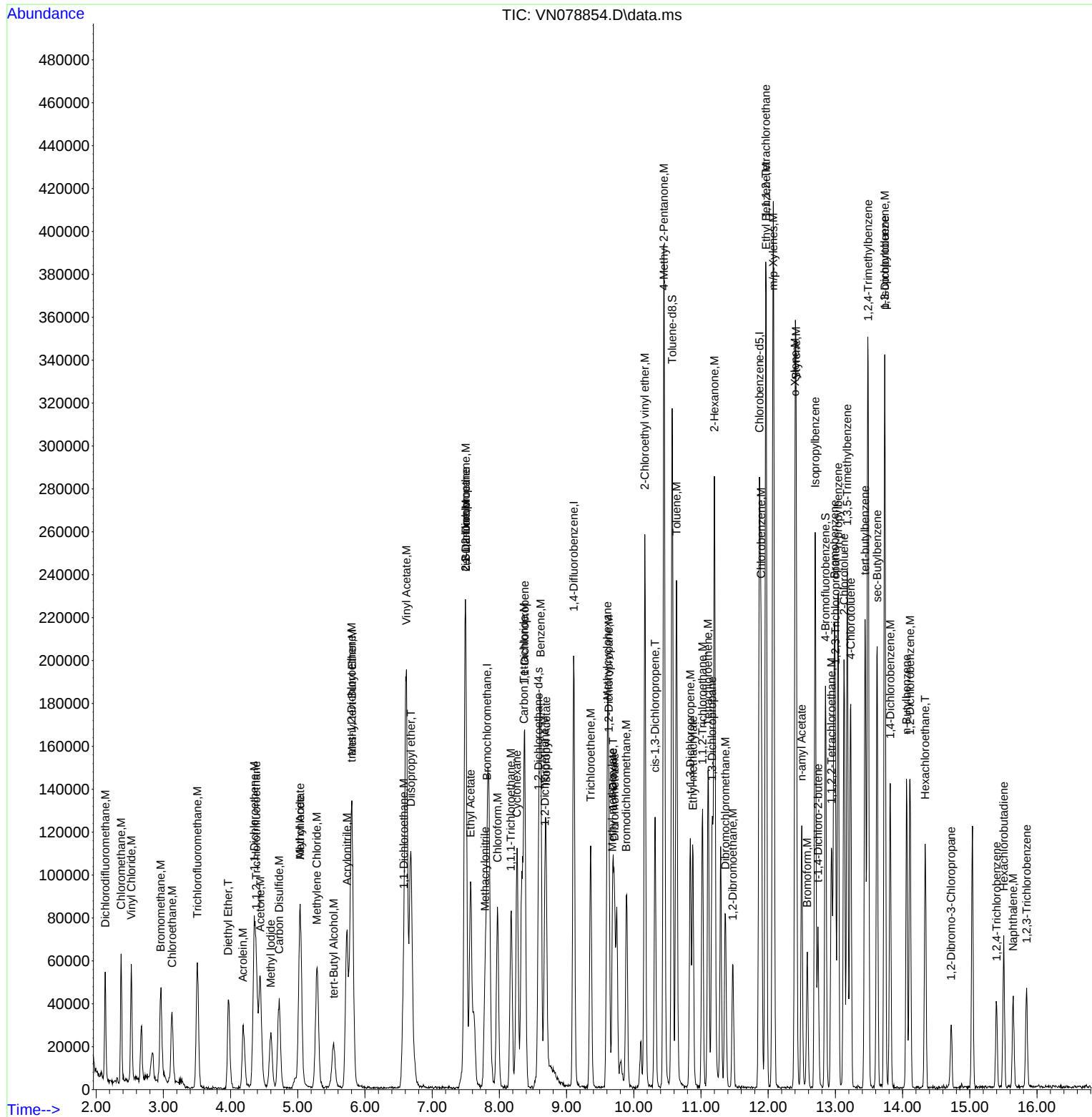
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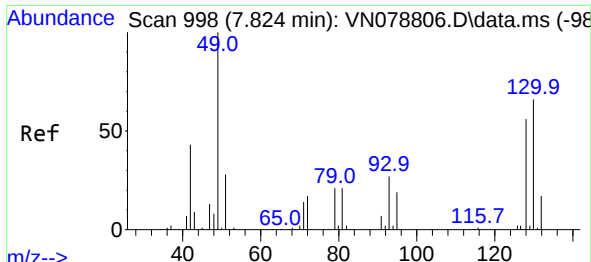
Instrument :
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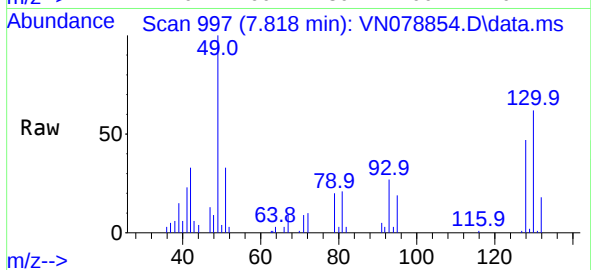
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QLast Update : Wed Aug 09 05:05:47 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

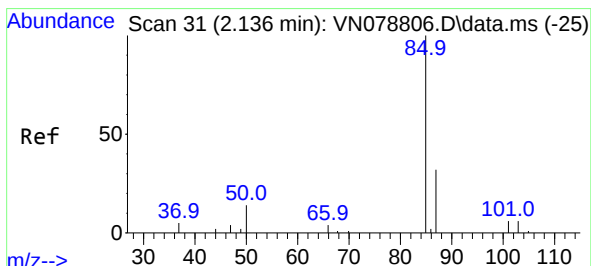
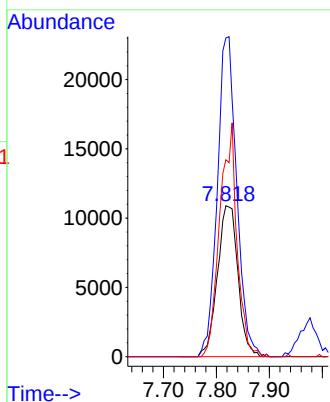
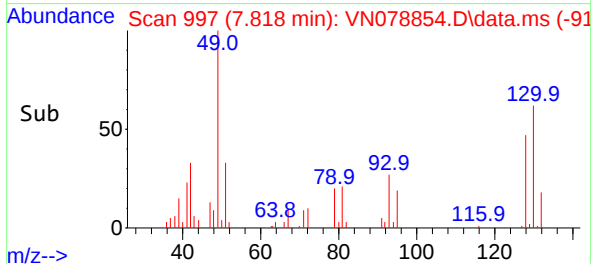
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion:128 Resp: 29358
Ion Ratio Lower Upper
128 100
49 0.2 0.0 370.8
130 0.2 0.0 307.0

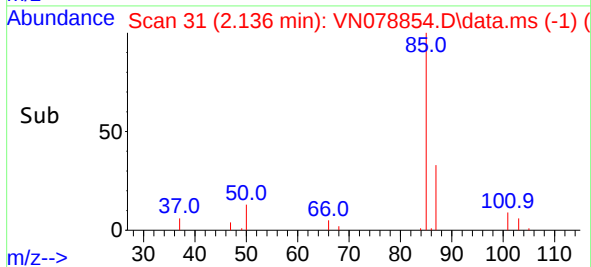
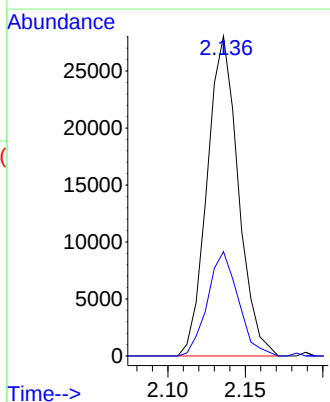
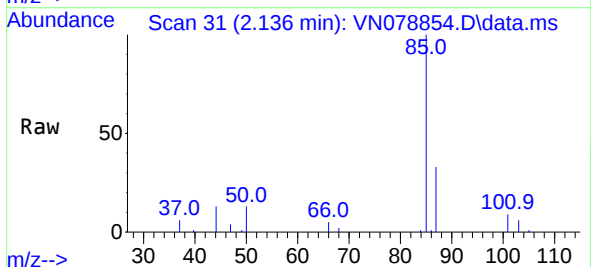
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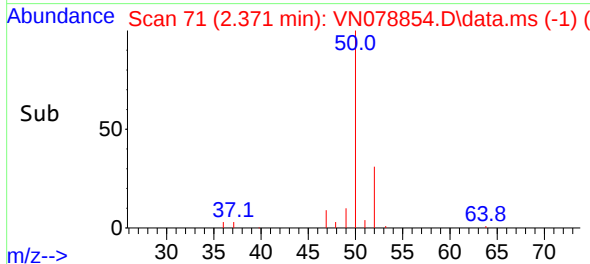
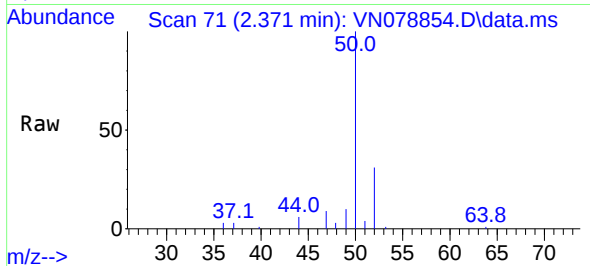
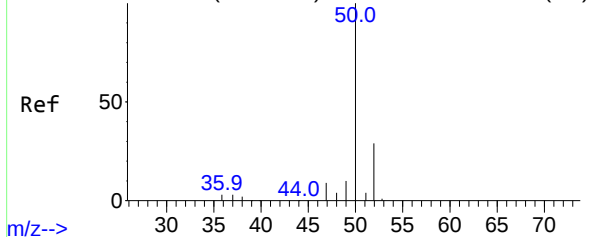


#2
Dichlorodifluoromethane
Concen: 19.403 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 85 Resp: 39266
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.4



Abundance Scan 71 (2.371 min): VN078806.D\data.ms (-66)



#3

Chloromethane

Concen: 20.734 ug/l

RT: 2.371 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078854.D

Acq: 11 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

Tgt Ion: 50 Resp: 4996

Ion Ratio Lower Upper

50 100

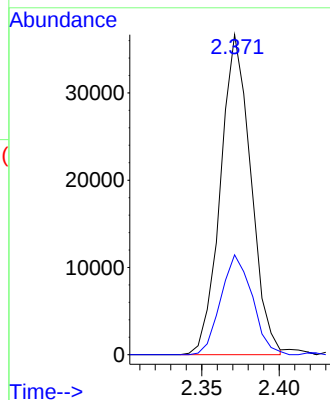
52 31.2 24.6 36.8

Manual Integrations

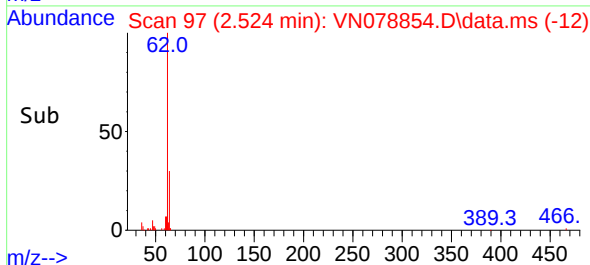
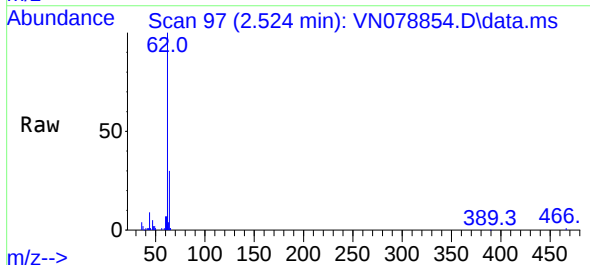
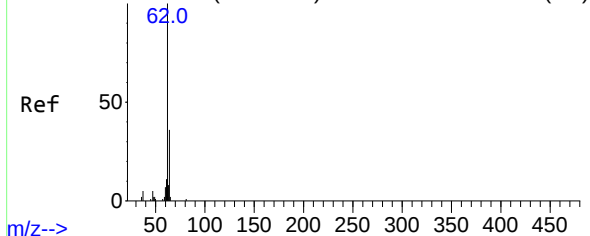
APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



Abundance Scan 97 (2.524 min): VN078806.D\data.ms (-90)



#4

Vinyl Chloride

Concen: 20.725 ug/l

RT: 2.524 min Scan# 97

Delta R.T. -0.000 min

Lab File: VN078854.D

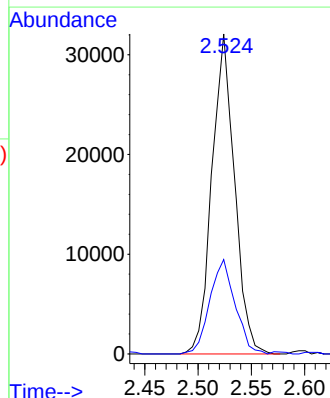
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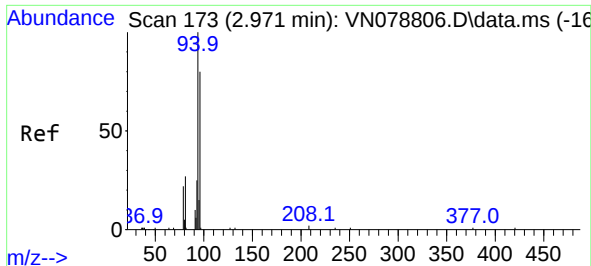
Tgt Ion: 62 Resp: 47524

Ion Ratio Lower Upper

62 100

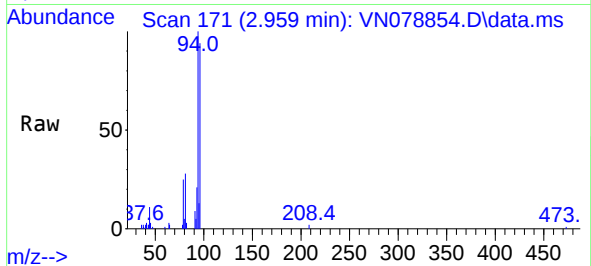
64 29.5 23.3 34.9





#5
Bromomethane
Concen: 18.628 ug/l m
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

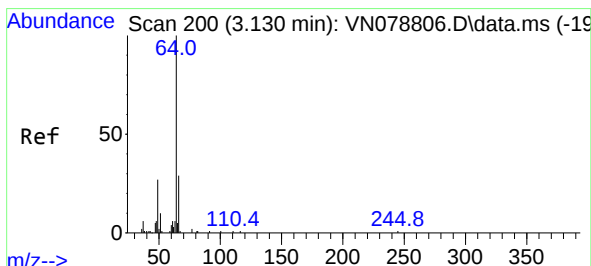
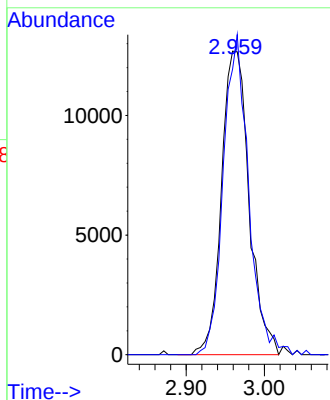
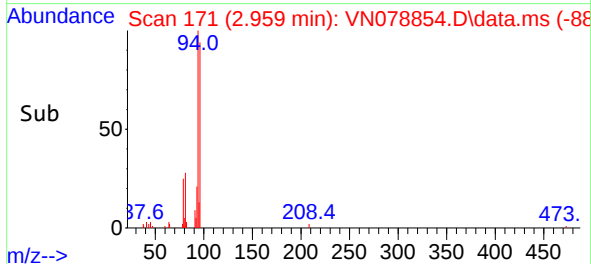
Instrument :
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Tgt Ion: 94 Resp: 3107
Ion Ratio Lower Upper
94 100
96 94.1 73.9 110.9

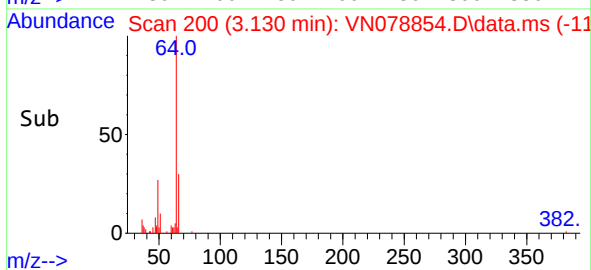
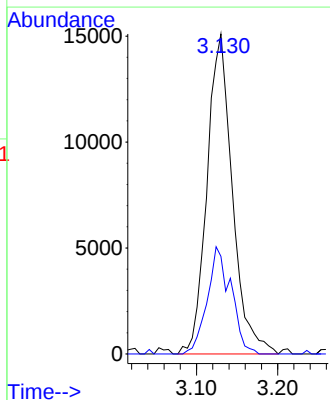
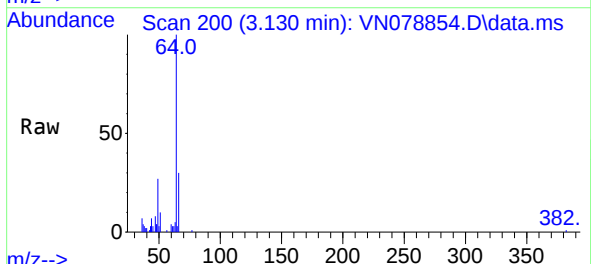
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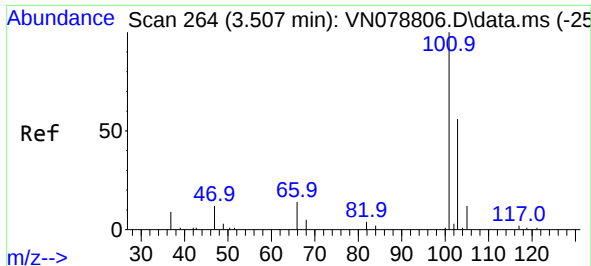
Reviewed By :John Carlone 08/14/2023
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#6
Chloroethane
Concen: 20.155 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

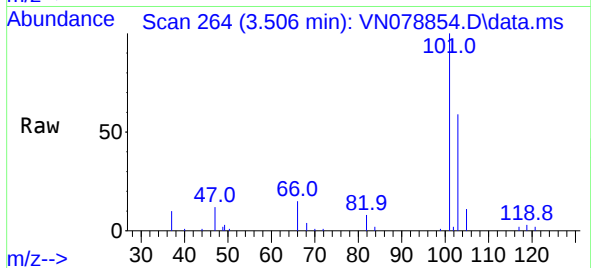
Tgt Ion: 64 Resp: 32830
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 19.207 ug/l
 RT: 3.506 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VN078854.D
 Acq: 11 Aug 2023 09:57

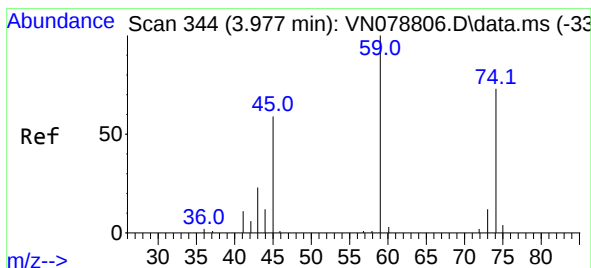
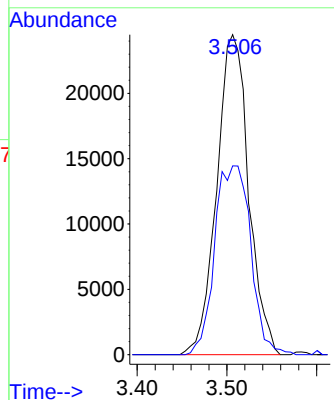
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01



Tgt Ion:101 Resp: 60448
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.4 75.6

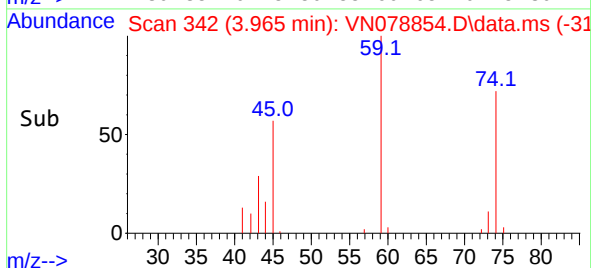
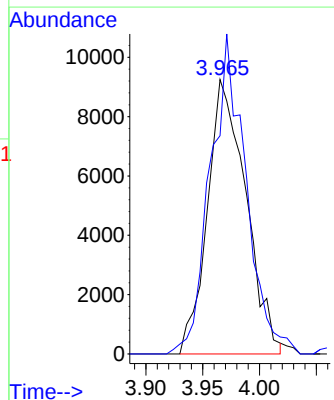
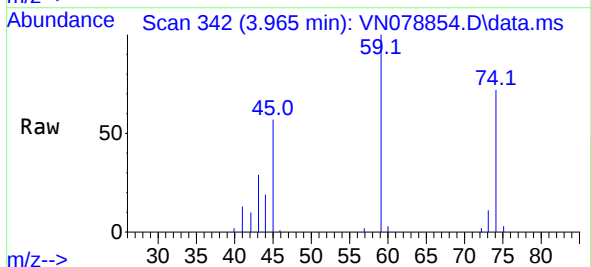
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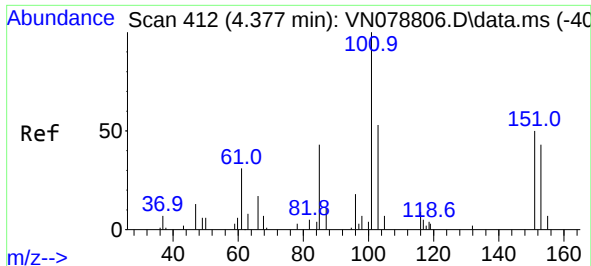
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#8
 Diethyl Ether
 Concen: 19.452 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.012 min
 Lab File: VN078854.D
 Acq: 11 Aug 2023 09:57

Tgt Ion: 74 Resp: 21769
 Ion Ratio Lower Upper
 74 100
 45 107.8 16.3 146.5





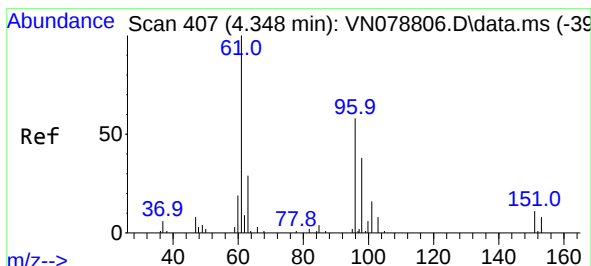
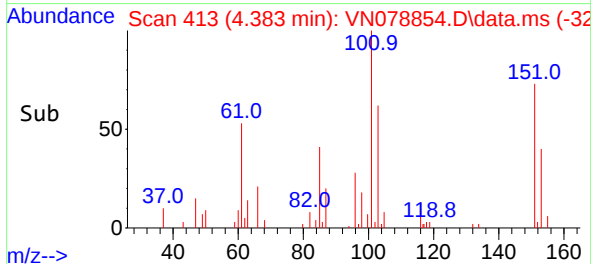
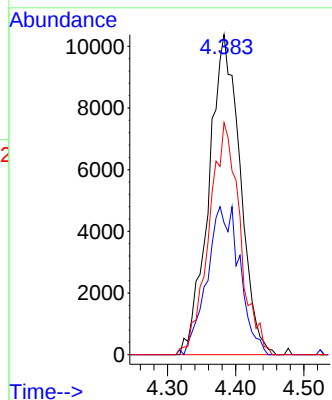
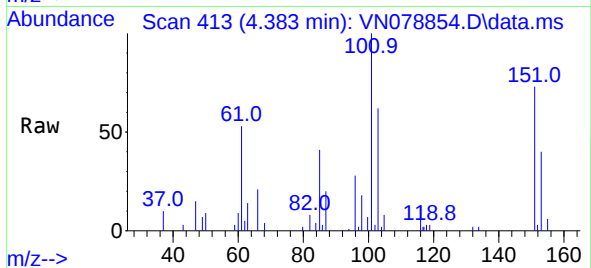
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.674 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion:101 Resp: 33210
Ion Ratio Lower Upper
101 100
85 31.2 0.0 89.2
151 71.1 0.0 148.8

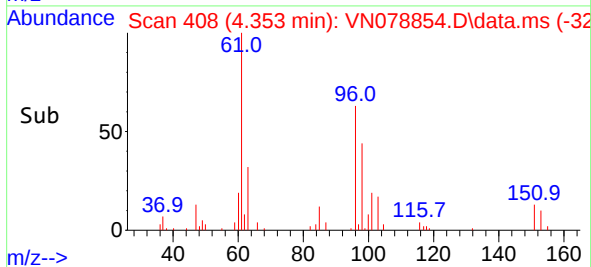
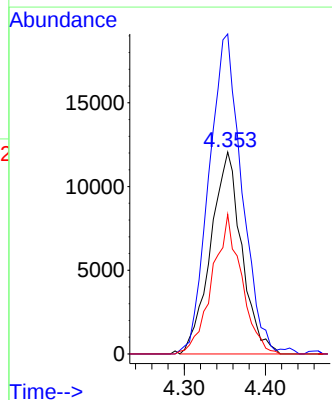
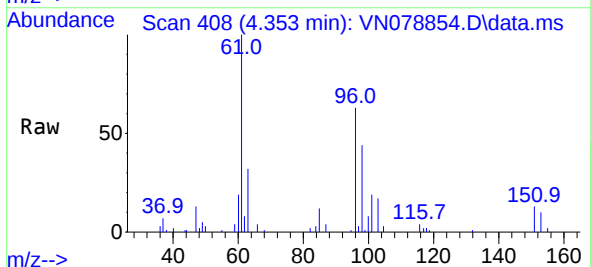
Manual Integrations
APPROVED

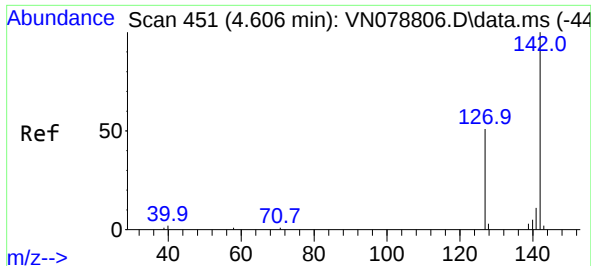
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#10
1,1-Dichloroethene
Concen: 19.641 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

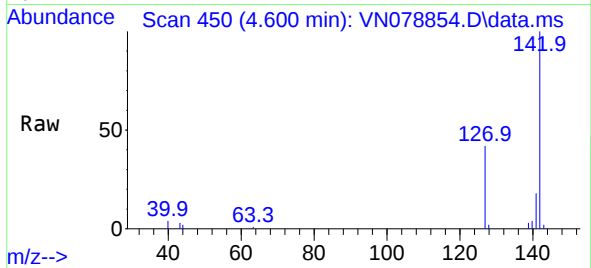
Tgt Ion: 96 Resp: 32112
Ion Ratio Lower Upper
96 100
61 156.7 123.4 185.2
98 69.1 53.7 80.5





#11
Methyl Iodide
Concen: 20.589 ug/l
RT: 4.600 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

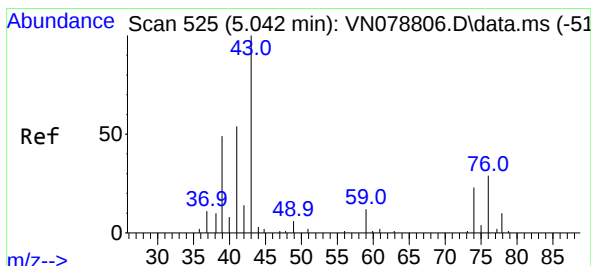
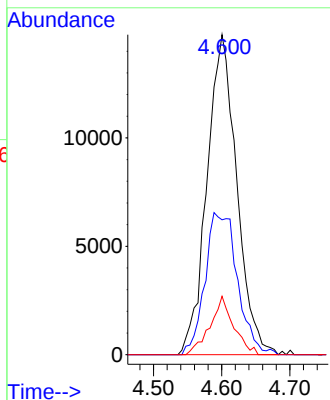
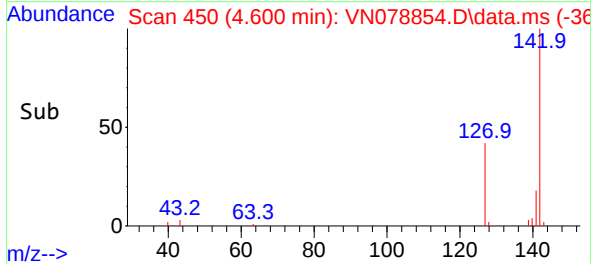
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



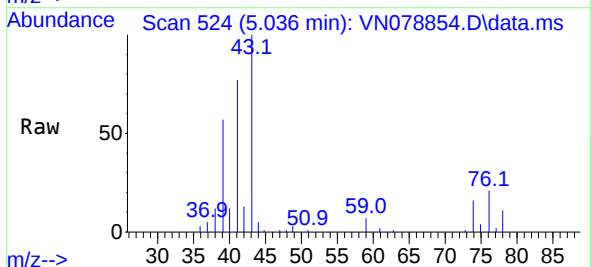
Tgt Ion:142 Resp: 4490
Ion Ratio Lower Upper
142 100
127 42.2 23.2 69.5
141 18.2 7.2 21.7

Manual Integrations
APPROVED

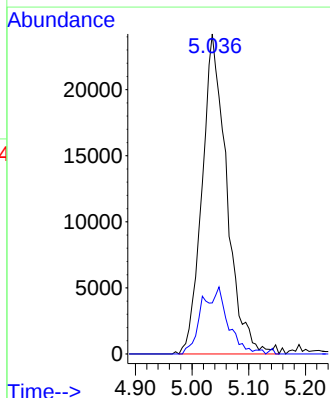
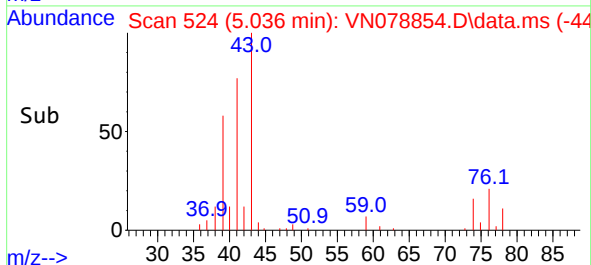
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

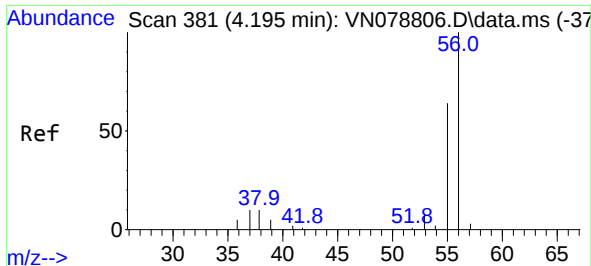


#12
Methyl Acetate
Concen: 20.600 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



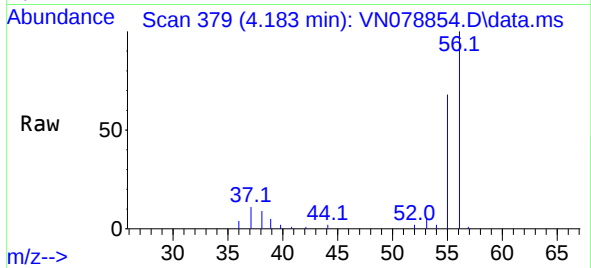
Tgt Ion: 43 Resp: 73206
Ion Ratio Lower Upper
43 100
74 15.9 20.5 30.7#





#13
Acrolein
Concen: 99.995 ug/l m
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

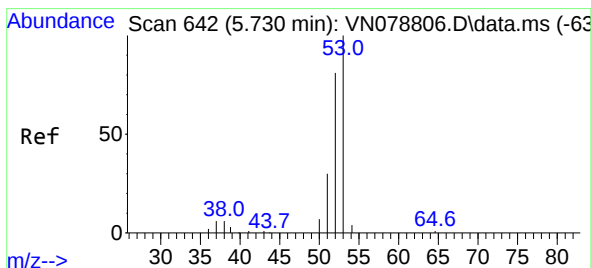
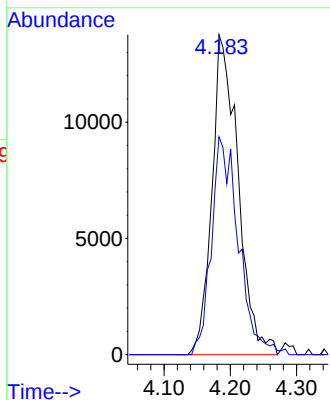
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion: 56 Resp: 3763
Ion Ratio Lower Upper
56 100
55 0.0 59.0 88.4

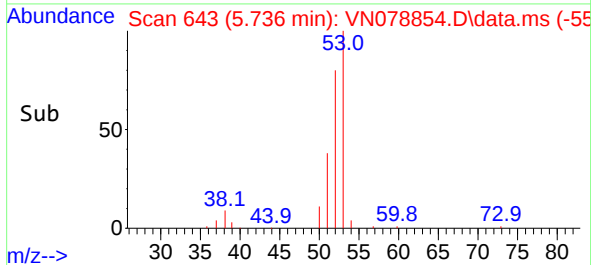
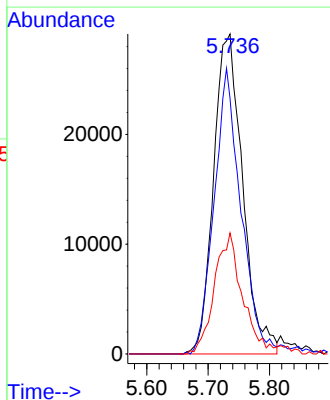
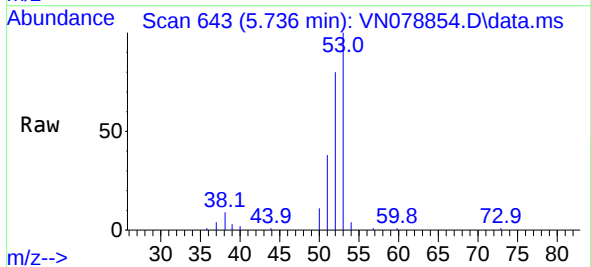
Manual Integrations
APPROVED

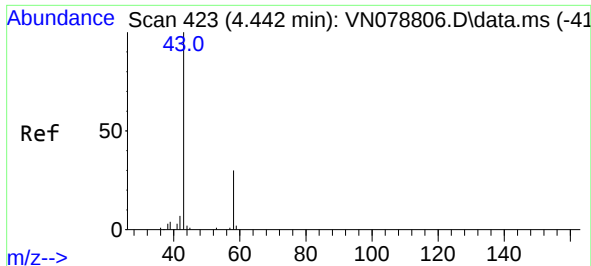
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#14
Acrylonitrile
Concen: 102.266 ug/l m
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 53 Resp: 95759
Ion Ratio Lower Upper
53 100
52 0.8 42.3 126.9#
51 1.1 18.4 55.4#





#15

Acetone

Concen: 122.546 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078854.D

Acq: 11 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

Tgt Ion: 58 Resp: 2956

Ion Ratio Lower Upper

58 100

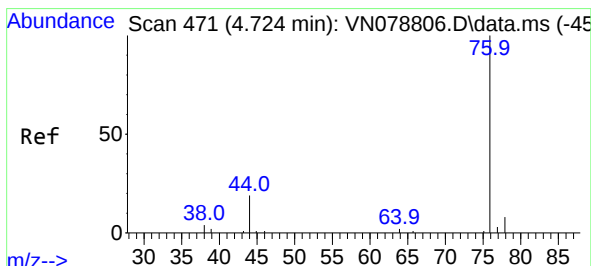
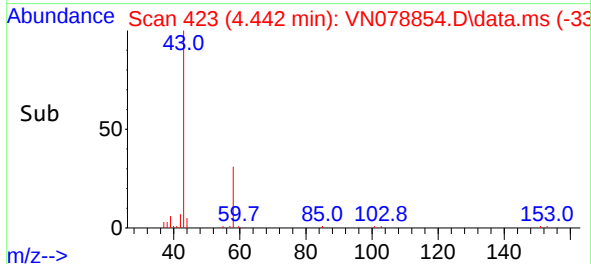
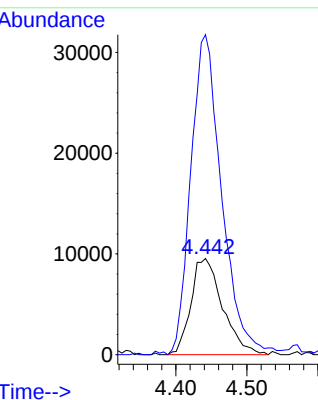
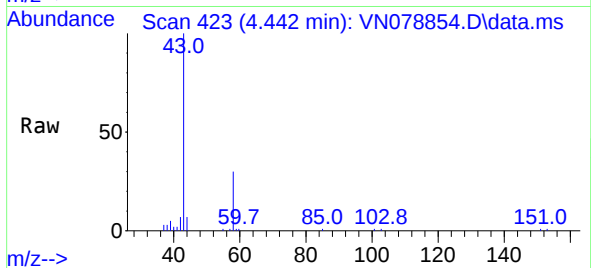
43 332.9 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#16

Carbon Disulfide

Concen: 18.792 ug/l

RT: 4.724 min Scan# 471

Delta R.T. -0.000 min

Lab File: VN078854.D

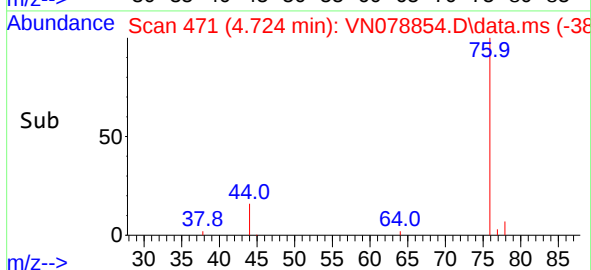
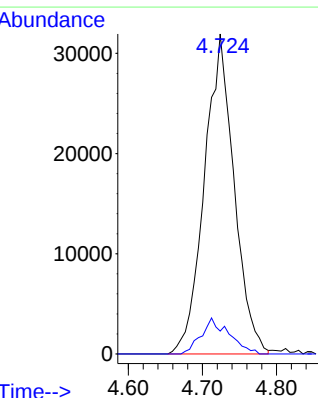
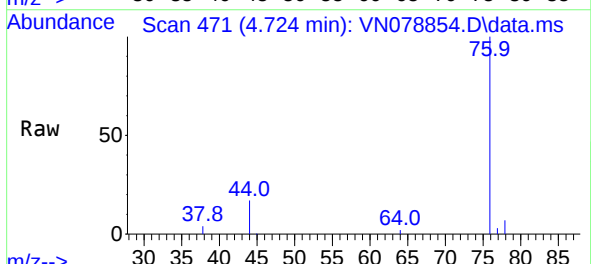
Acq: 11 Aug 2023 09:57

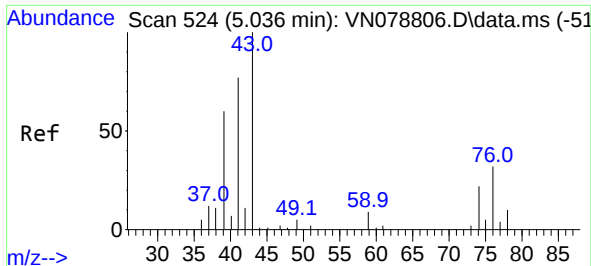
Tgt Ion: 76 Resp: 88939

Ion Ratio Lower Upper

76 100

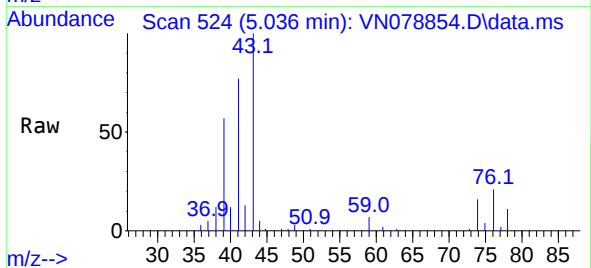
78 7.1 7.7 11.5#





#17
 Allyl chloride
 Concen: 20.465 ug/l m
 RT: 5.036 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078854.D
 Acq: 11 Aug 2023 09:57

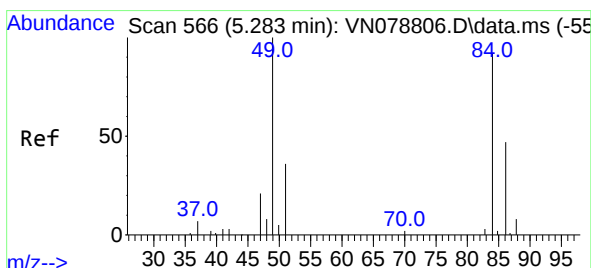
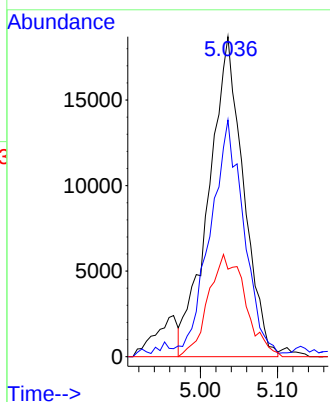
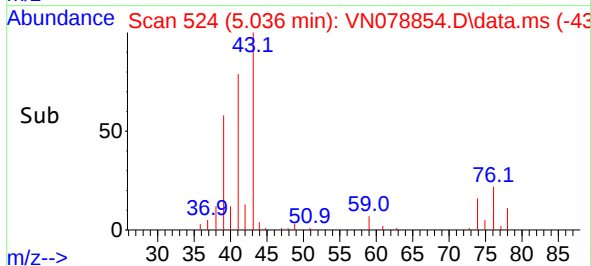
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01



Tgt Ion: 41 Resp: 5848
 Ion Ratio Lower Upper
 41 100
 39 74.0 37.6 112.8
 76 27.4 23.8 71.4

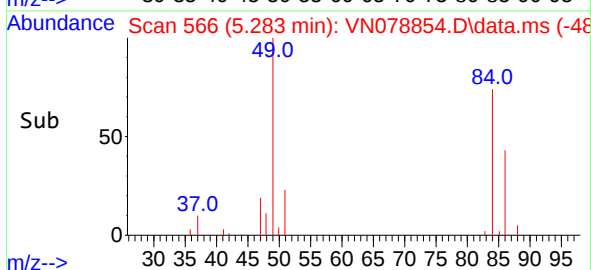
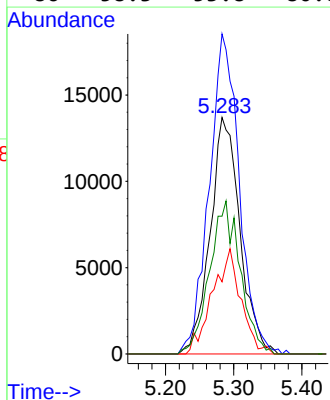
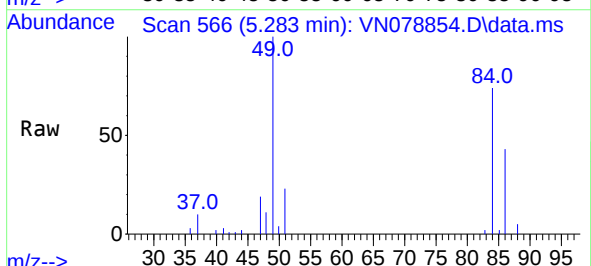
Manual Integrations
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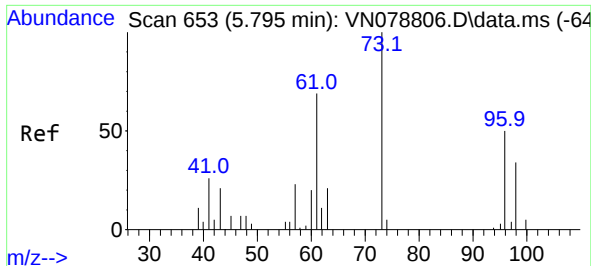
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#18
 Methylene Chloride
 Concen: 20.385 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN078854.D
 Acq: 11 Aug 2023 09:57

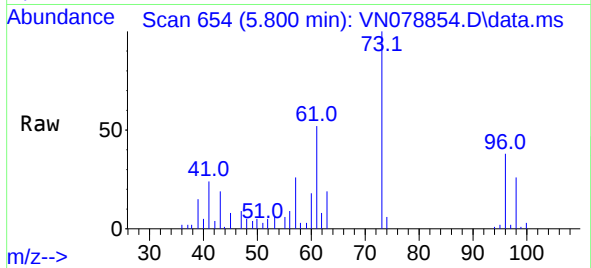
Tgt Ion: 84 Resp: 41592
 Ion Ratio Lower Upper
 84 100
 49 135.4 88.1 132.1#
 51 30.5 24.0 36.0
 86 58.3 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 18.788 ug/l m
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

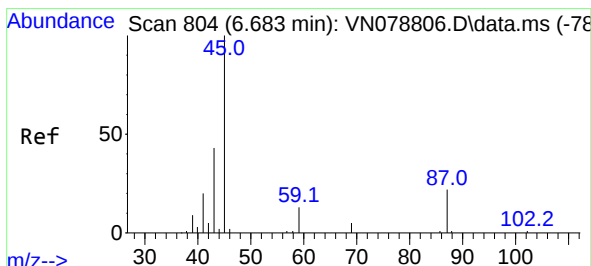
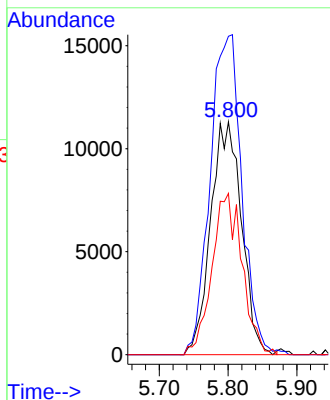
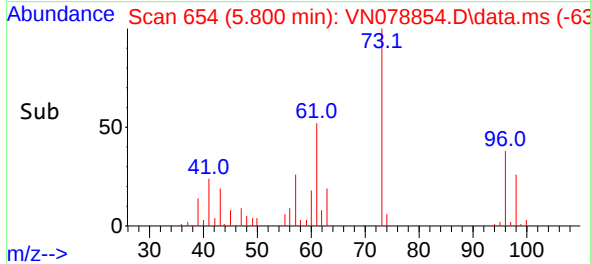
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



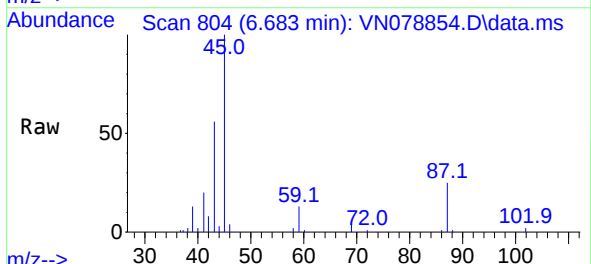
Tgt Ion: 96 Resp: 35270
Ion Ratio Lower Upper
96 100
61 136.7 105.2 157.8
98 69.3 50.5 75.7

Manual Integrations
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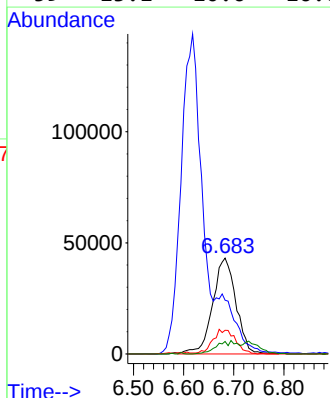
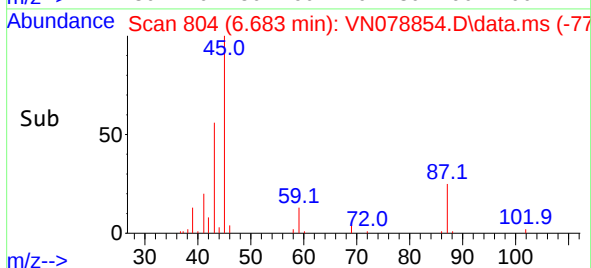
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

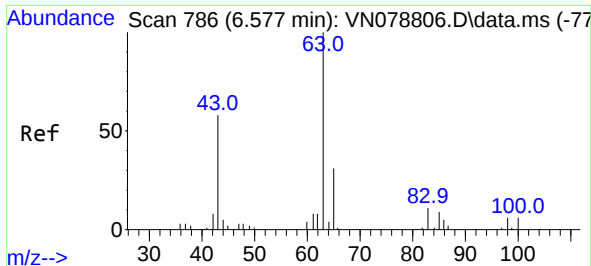


#20
Diisopropyl ether
Concen: 21.687 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



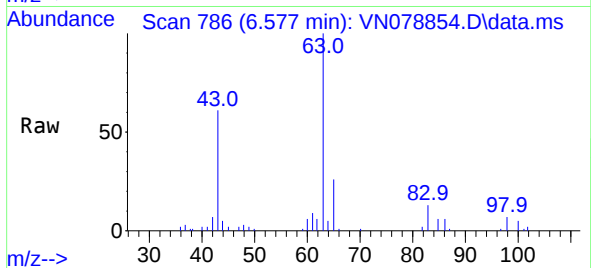
Tgt Ion: 45 Resp: 139183
Ion Ratio Lower Upper
45 100
43 54.9 43.6 65.4
87 24.8 25.8 38.6#
59 13.1 10.6 16.0





#21
1,1-Dichloroethane
Concen: 19.778 ug/l
RT: 6.577 min Scan# 712
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

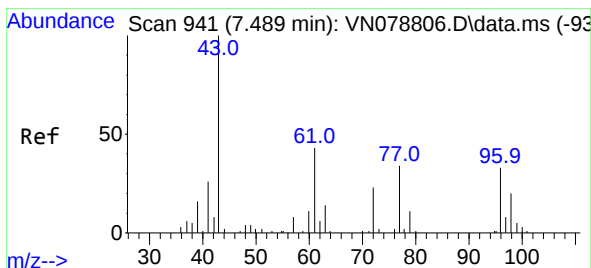
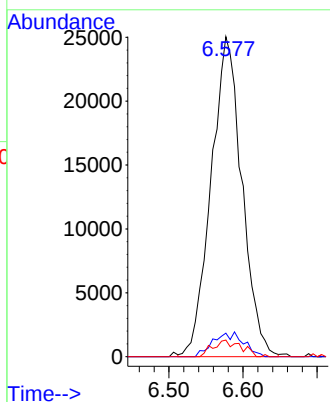
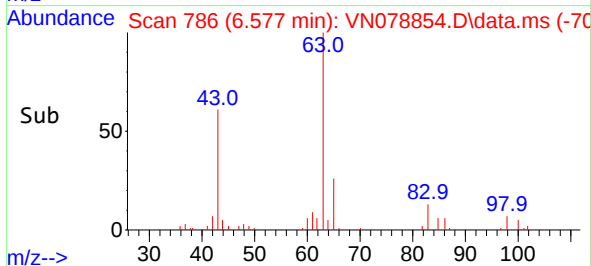
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



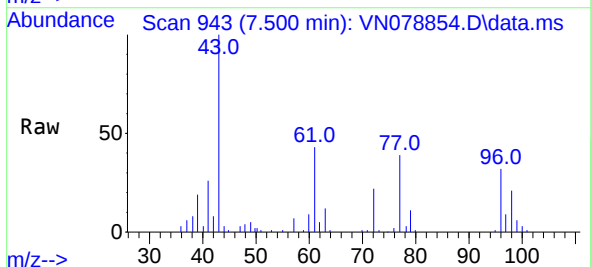
Tgt Ion: 63 Resp: 72360
Ion Ratio Lower Upper
63 100
98 7.4 2.7 8.1
100 5.2 2.5 7.4

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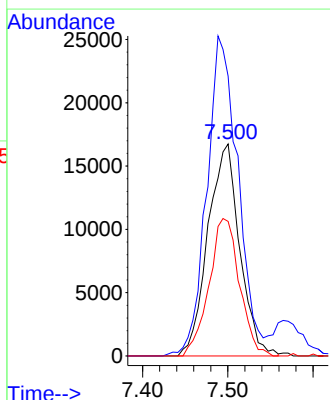
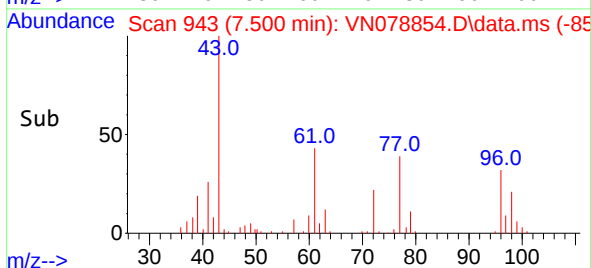
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

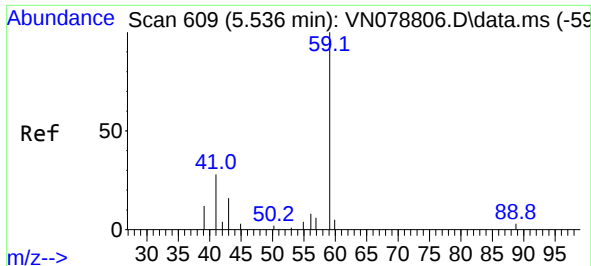


#22
cis-1,2-Dichloroethene
Concen: 20.836 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



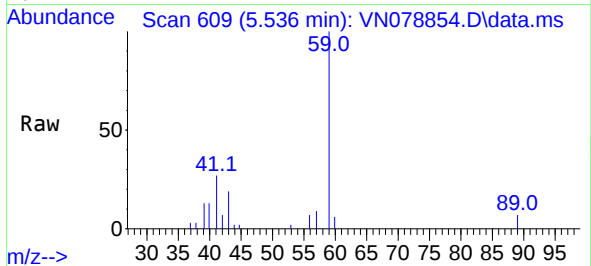
Tgt Ion: 96 Resp: 43354
Ion Ratio Lower Upper
96 100
61 147.7 113.8 170.6
98 62.2 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 90.930 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

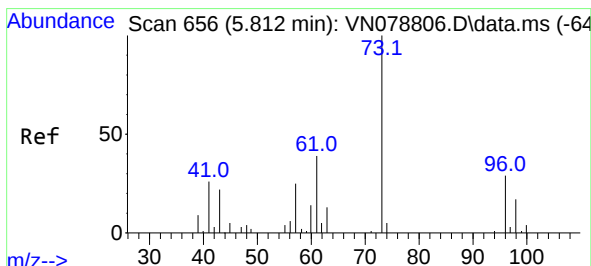
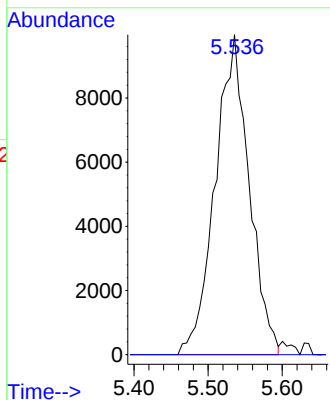
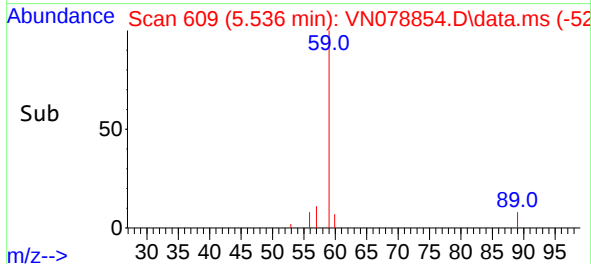
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion: 59 Resp: 31639
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

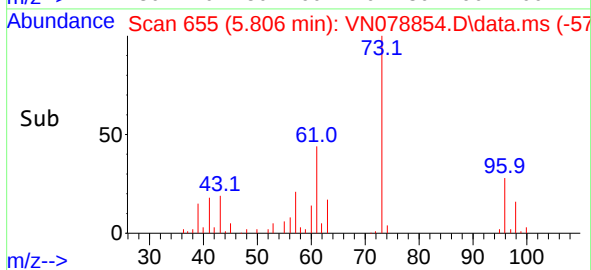
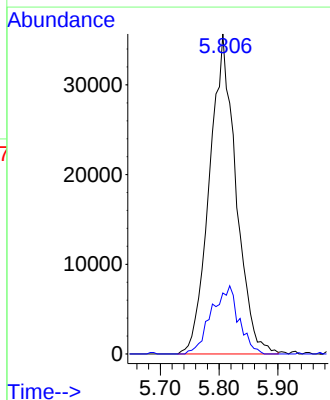
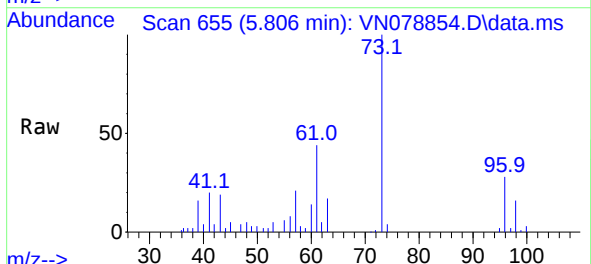
Manual Integrations
APPROVED

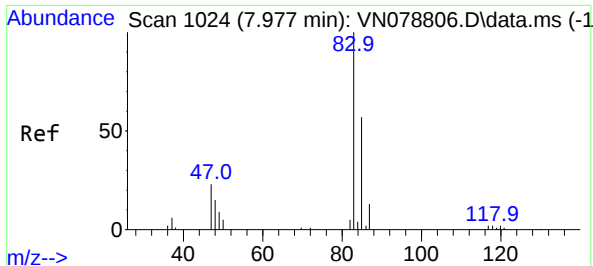
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#24
Methyl tert-Butyl Ether
Concen: 20.441 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 73 Resp: 111857
Ion Ratio Lower Upper
73 100
43 15.0 14.5 21.7





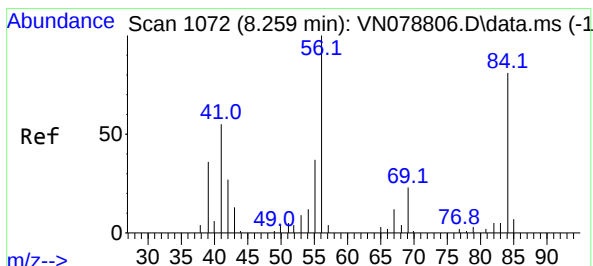
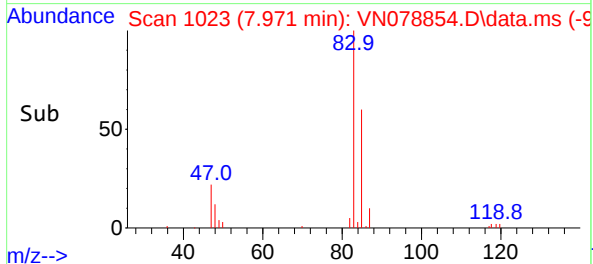
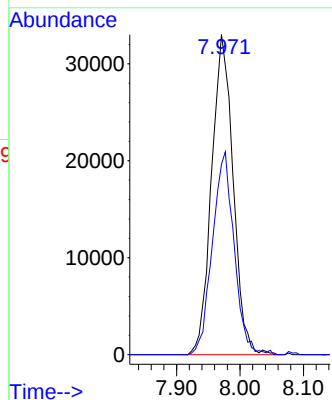
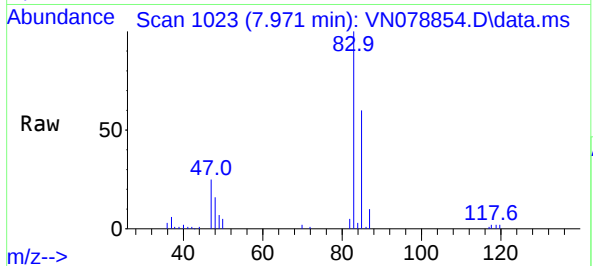
#25
Chloroform
Concen: 21.399 ug/l m
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 83 Resp: 77734
Ion Ratio Lower Upper
83 100
85 59.5 53.4 80.0

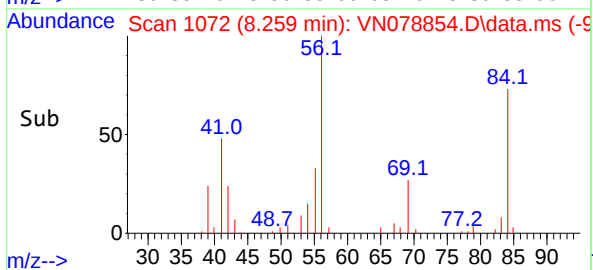
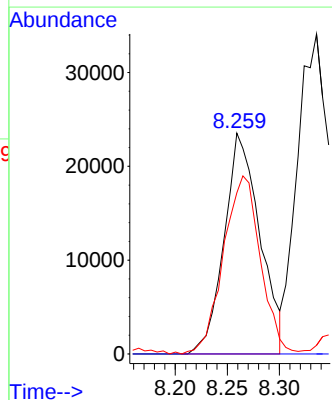
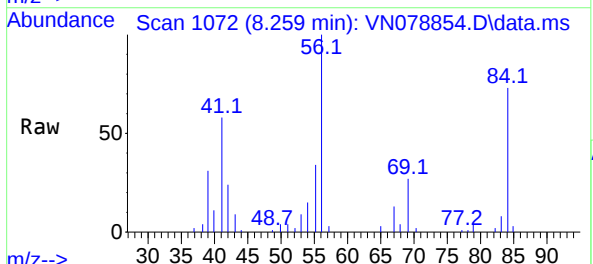
Manual Integrations
APPROVED

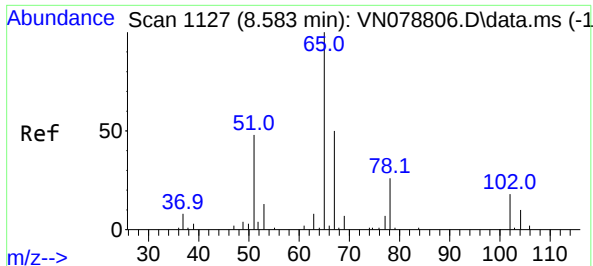
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#26
Cyclohexane
Concen: 19.448 ug/l m
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

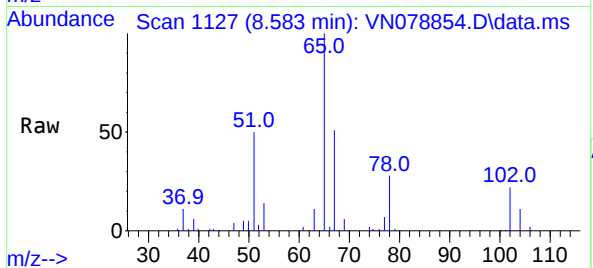
Tgt Ion: 56 Resp: 56046
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 22.3 74.2 111.4#





#27
1,2-Dichloroethane-d4
Concen: 30.824 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

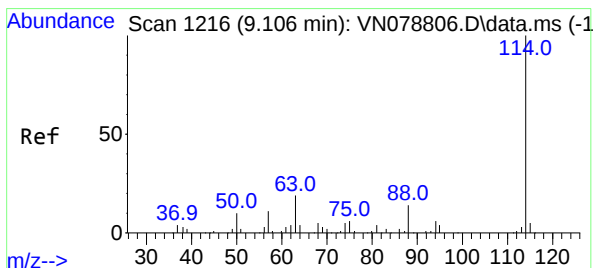
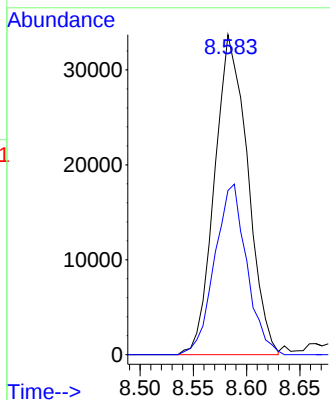
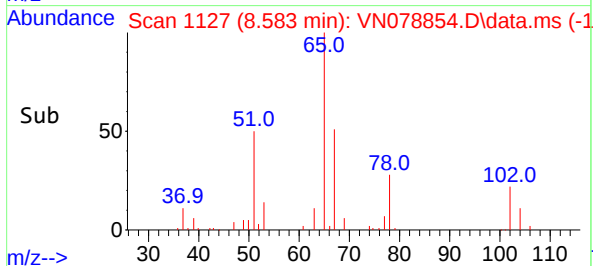
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



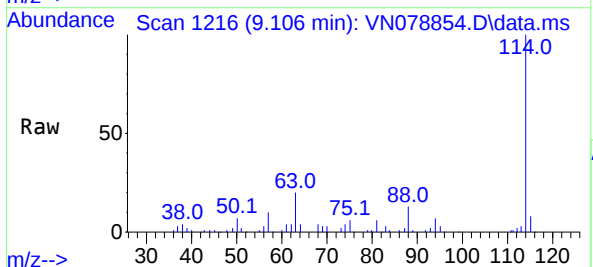
Tgt Ion: 65 Resp: 7285
Ion Ratio Lower Upper
65 100
67 51.7 42.9 64.3

Manual Integrations
APPROVED

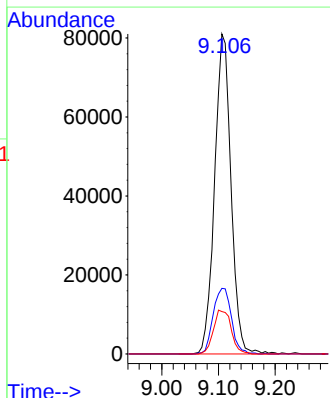
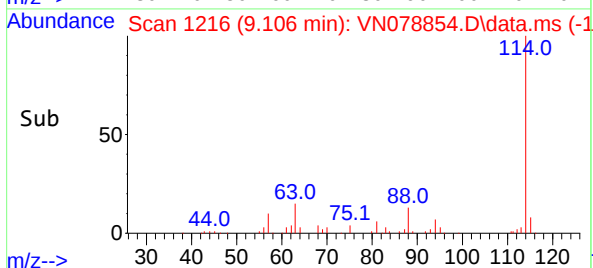
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

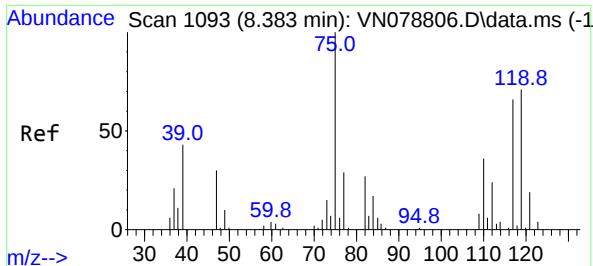


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l m
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



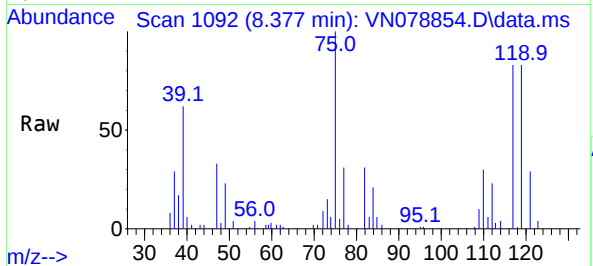
Tgt Ion:114 Resp: 163019
Ion Ratio Lower Upper
114 100
63 0.1 15.2 22.8#
88 0.0 12.5 18.7#





#29
1,1-Dichloropropene
Concen: 20.208 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

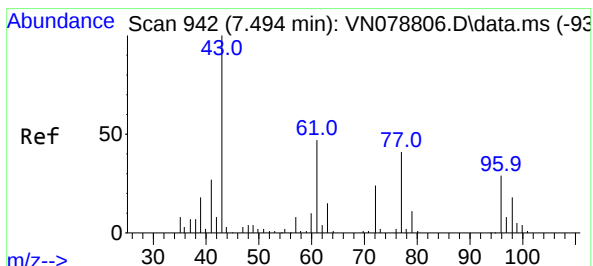
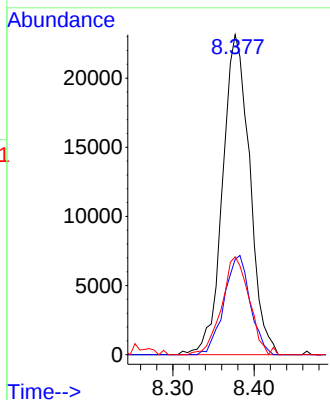
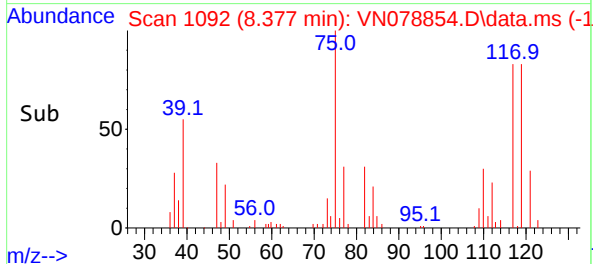
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



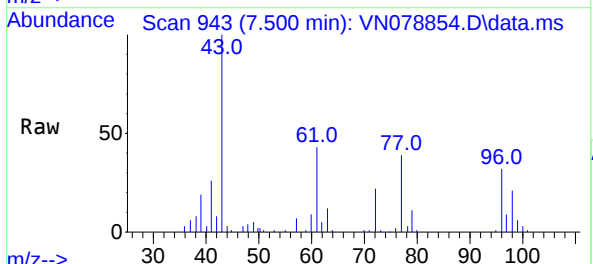
Tgt Ion: 75 Resp: 53520
Ion Ratio Lower Upper
75 100
110 29.9 0.0 72.2
77 30.9 0.0 62.8

Manual Integrations
APPROVED

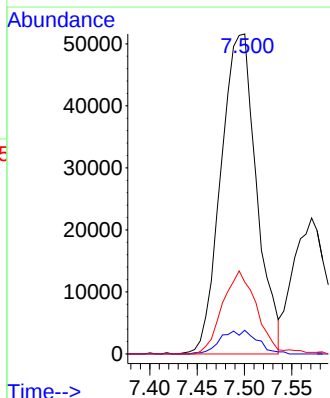
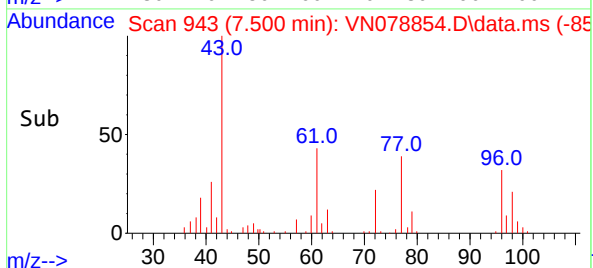
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

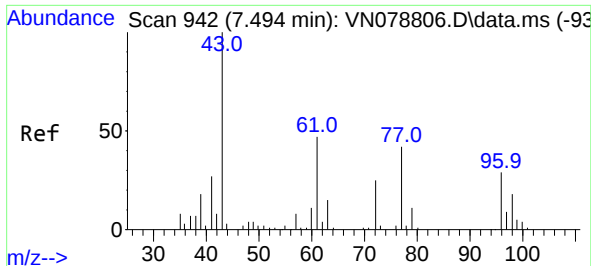


#30
2-Butanone
Concen: 103.968 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



Tgt Ion: 43 Resp: 134962
Ion Ratio Lower Upper
43 100
57 4.2 6.8 10.2#
72 24.6 23.8 35.6





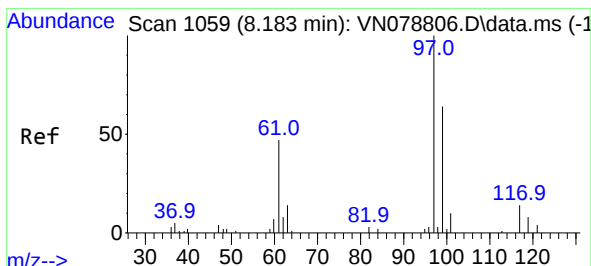
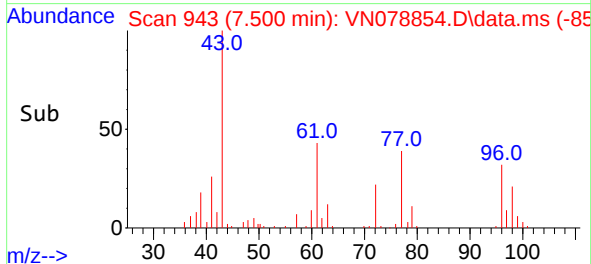
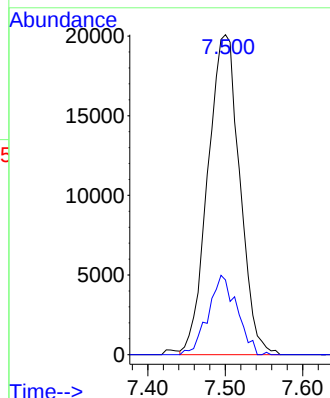
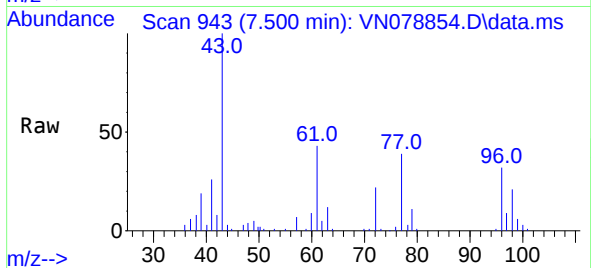
#31
2,2-Dichloropropane
Concen: 21.042 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 77 Resp: 5746
Ion Ratio Lower Upper
77 100
97 21.9 18.8 28.2

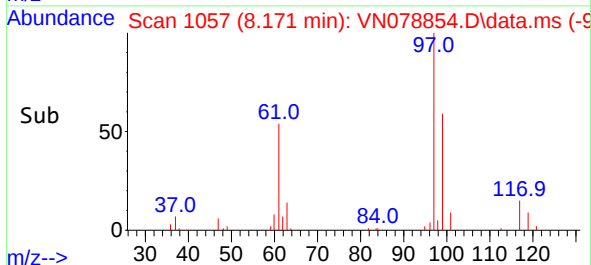
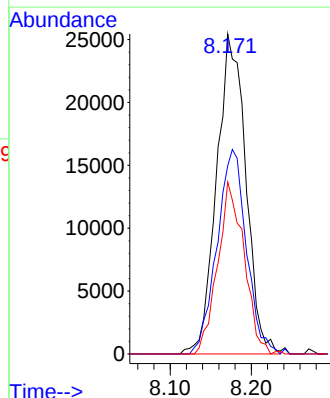
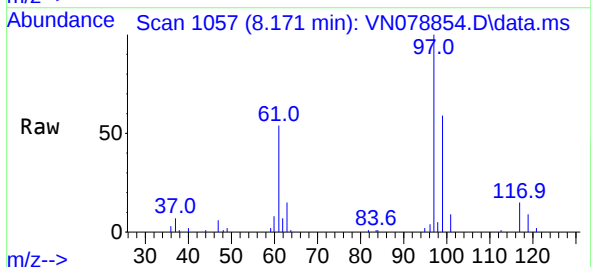
Manual Integrations
APPROVED

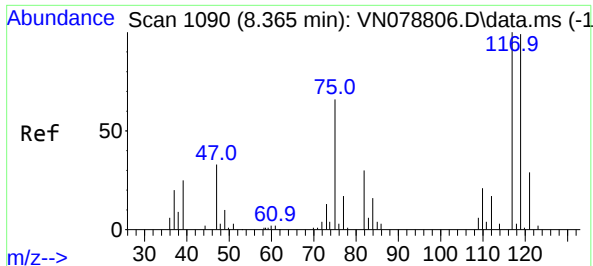
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#32
1,1,1-Trichloroethane
Concen: 20.355 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

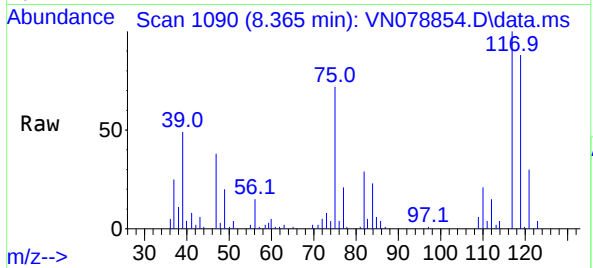
Tgt Ion: 97 Resp: 63486
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 48.4 34.6 52.0





#33
Carbon Tetrachloride
Concen: 20.318 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

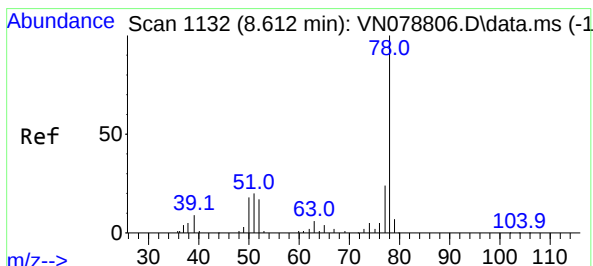
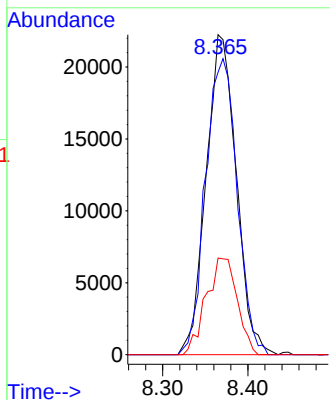
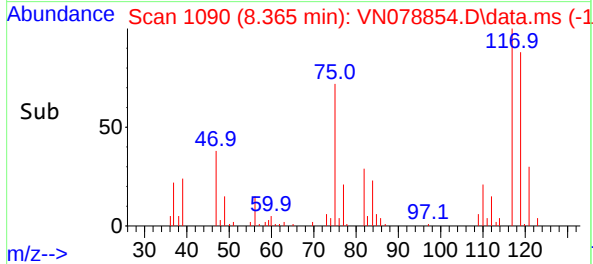
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



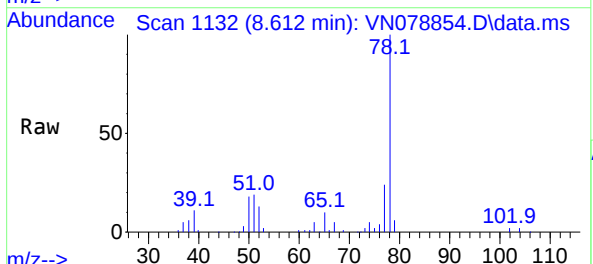
Tgt Ion:117 Resp: 54694
Ion Ratio Lower Upper
117 100
119 88.2 81.4 122.0
121 30.2 23.6 35.4

Manual Integrations
APPROVED

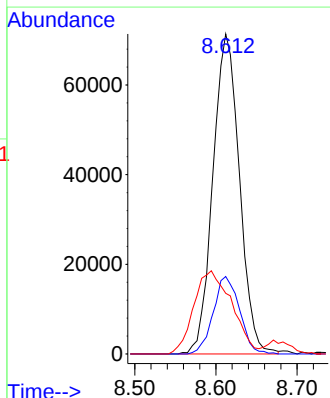
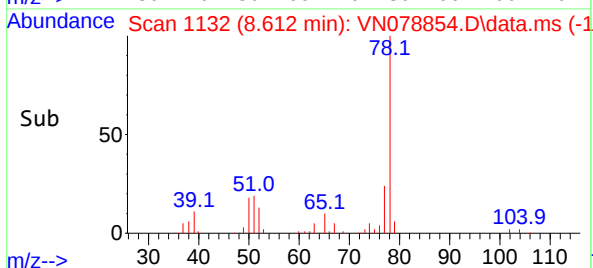
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

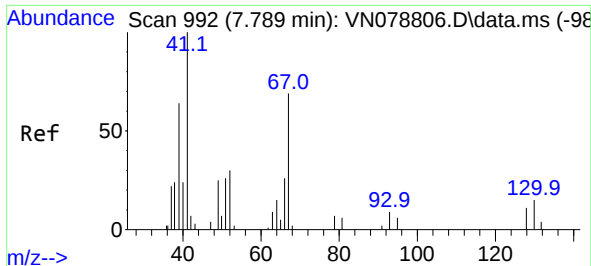


#34
Benzene
Concen: 20.128 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



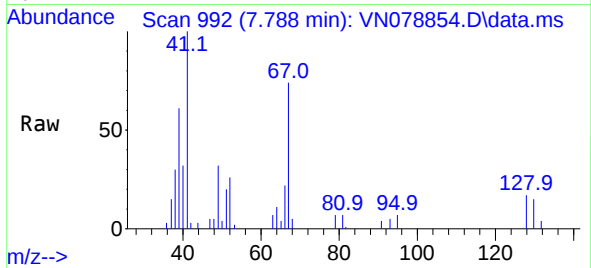
Tgt Ion: 78 Resp: 162201
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5
51 16.6 13.7 20.5





#35
Methacrylonitrile
Concen: 18.608 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

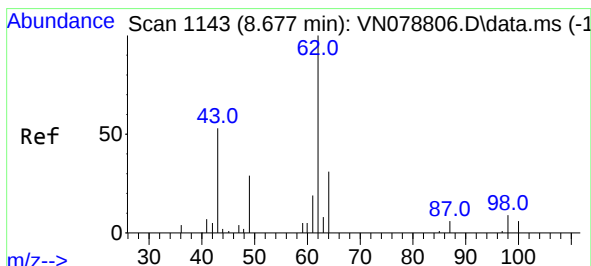
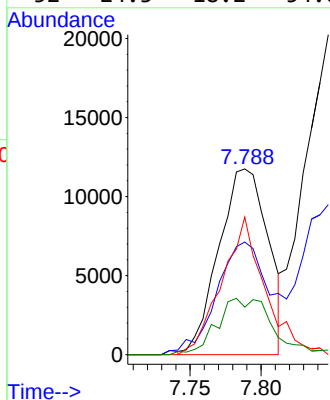
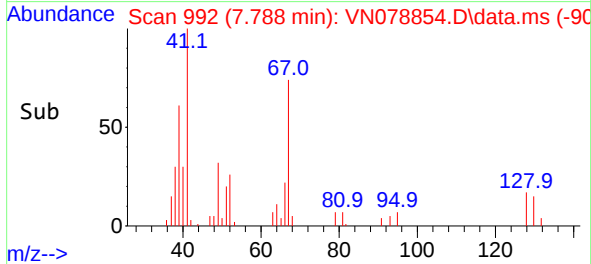
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



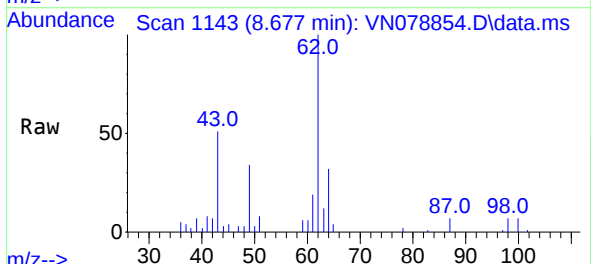
Tgt Ion: 41 Resp: 2836
Ion Ratio Lower Upper
41 100
39 59.2 33.9 101.6
67 75.4 45.9 137.6
52 24.3 18.2 54.6

Manual Integrations
APPROVED

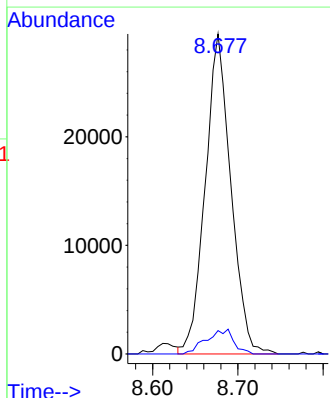
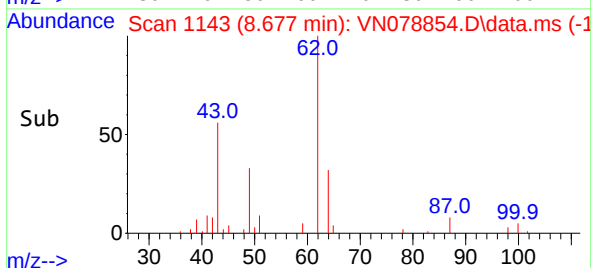
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

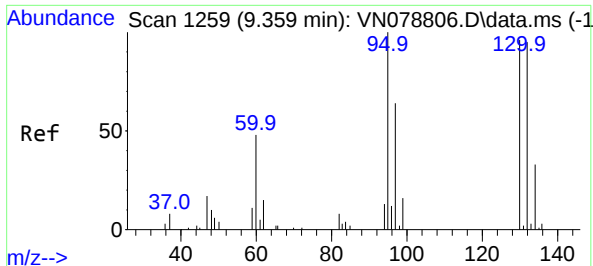


#36
1,2-Dichloroethane
Concen: 21.877 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



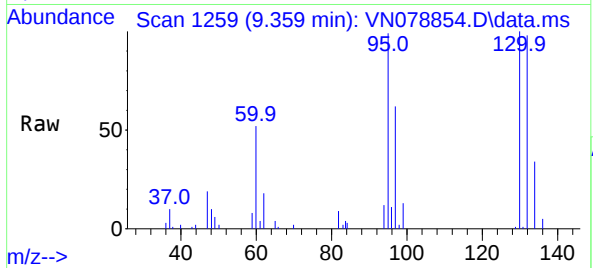
Tgt Ion: 62 Resp: 61630
Ion Ratio Lower Upper
62 100
98 8.2 7.4 11.0





#37
Trichloroethene
Concen: 19.359 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

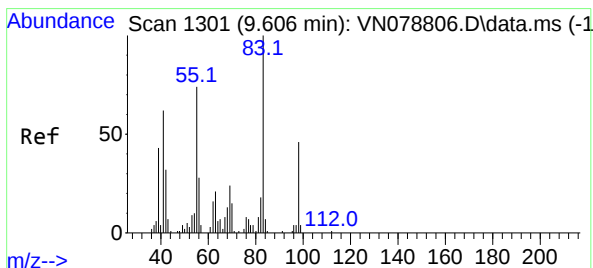
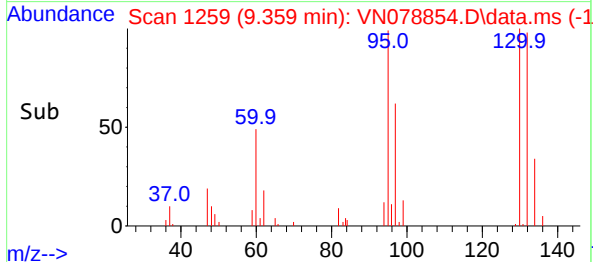
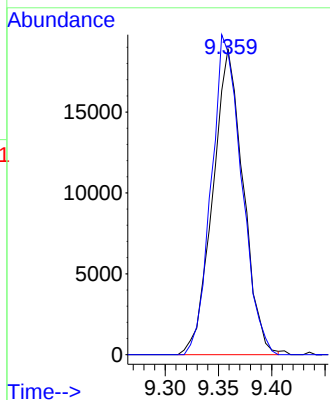
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion:130 Resp: 3754
Ion Ratio Lower Upper
130 100
95 99.2 78.2 117.4

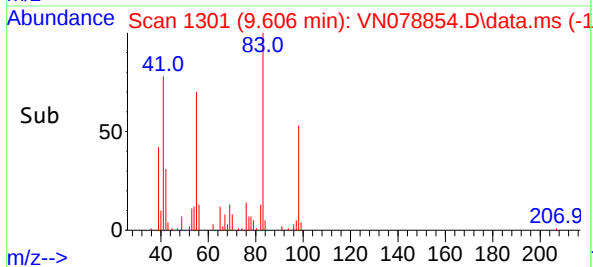
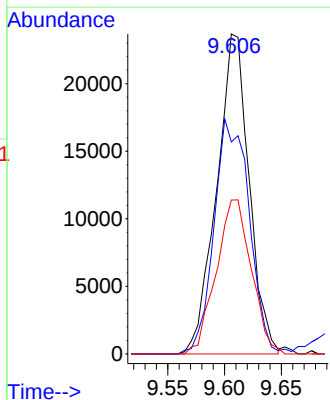
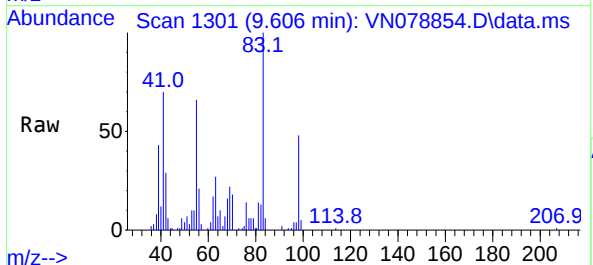
Manual Integrations
APPROVED

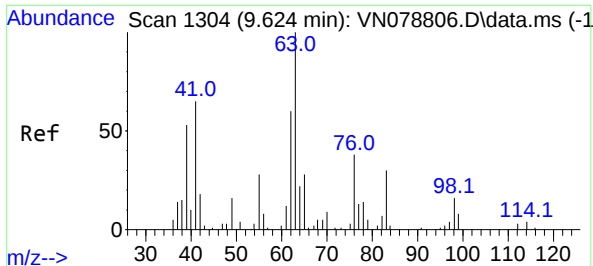
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#38
Methylcyclohexane
Concen: 18.732 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 83 Resp: 46971
Ion Ratio Lower Upper
83 100
55 79.2 34.0 102.0
98 52.2 23.0 69.0





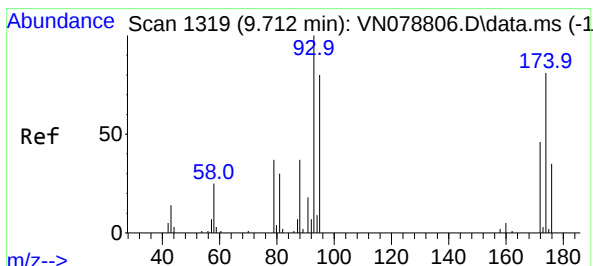
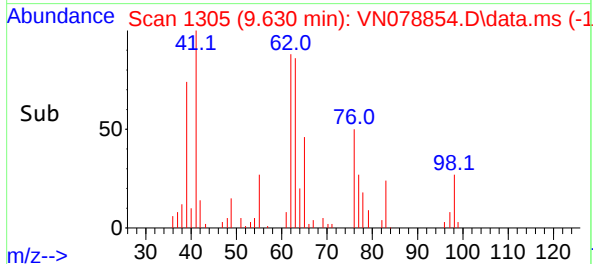
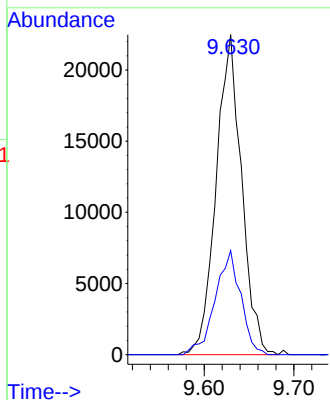
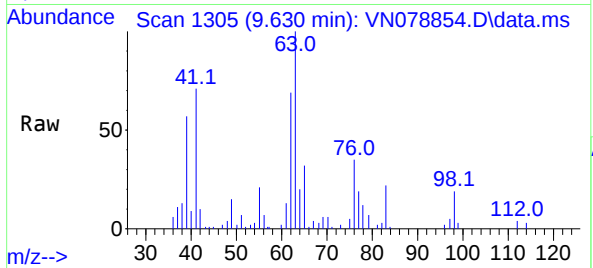
#39
1,2-Dichloropropane
Concen: 20.784 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 63 Resp: 44314
Ion Ratio Lower Upper
63 100
65 32.5 27.4 41.2

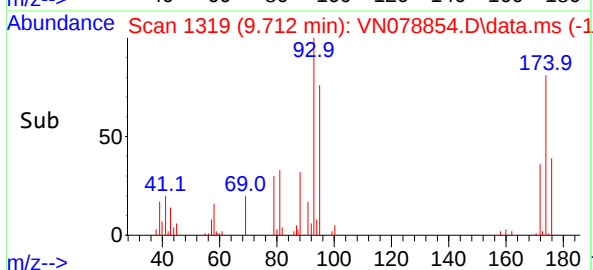
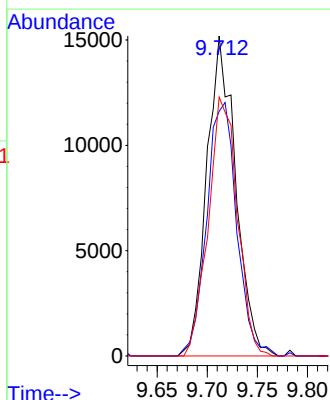
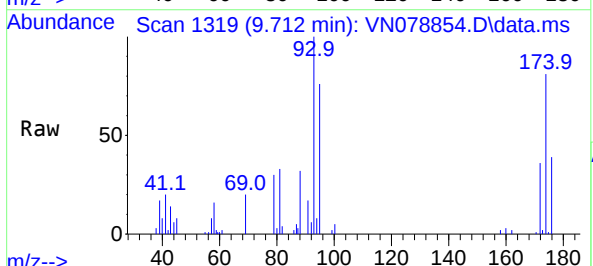
Manual Integrations
APPROVED

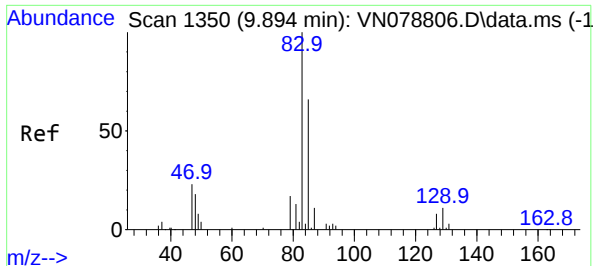
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#40
Dibromomethane
Concen: 21.422 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 93 Resp: 30414
Ion Ratio Lower Upper
93 100
95 82.6 0.0 167.8
174 81.3 0.0 180.8





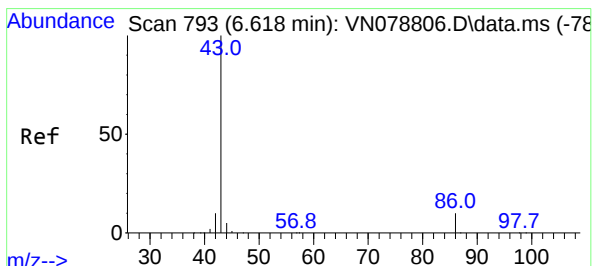
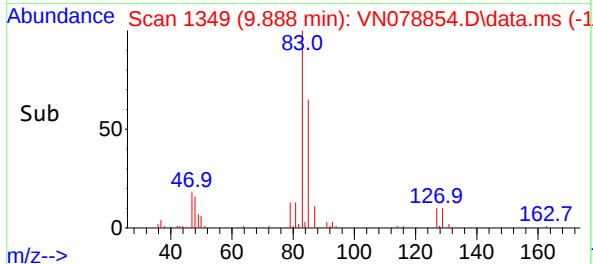
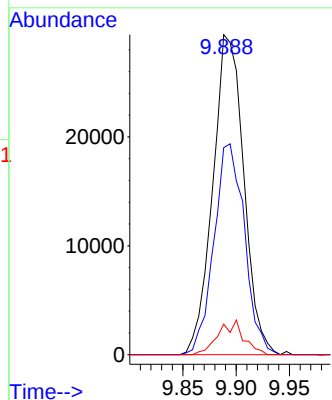
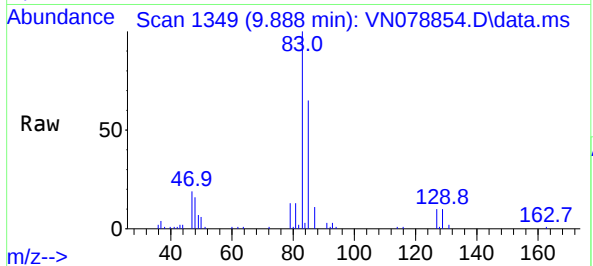
#41
Bromodichloromethane
Concen: 20.760 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 83 Resp: 59389
Ion Ratio Lower Upper
83 100
85 64.7 54.1 81.1
127 9.5 7.8 11.6

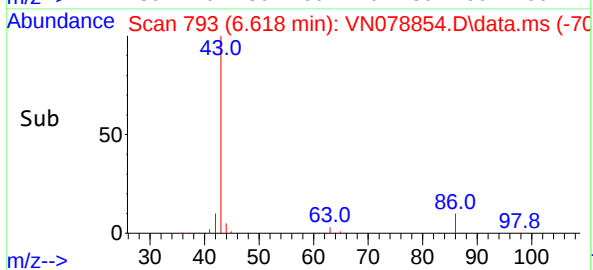
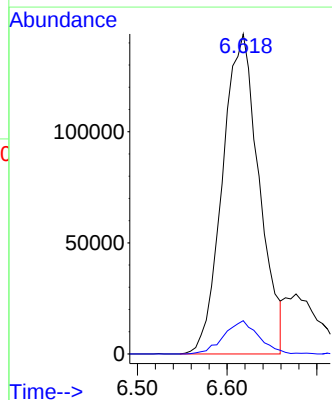
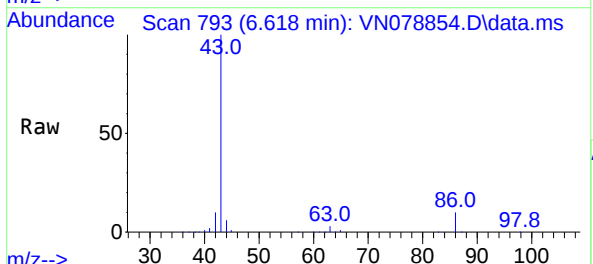
Manual Integrations
APPROVED

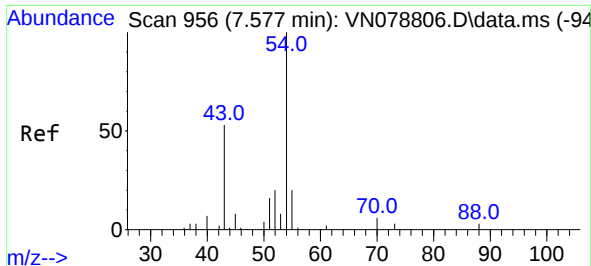
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#42
Vinyl Acetate
Concen: 99.786 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

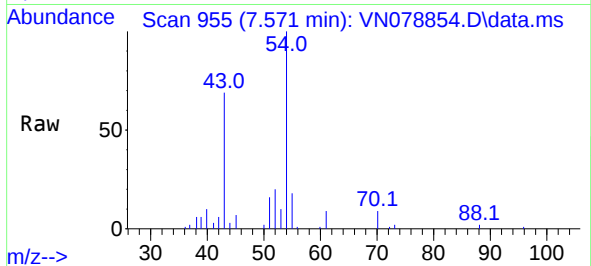
Tgt Ion: 43 Resp: 407618
Ion Ratio Lower Upper
43 100
86 9.9 9.4 14.0





#43
Ethyl Acetate
Concen: 20.787 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

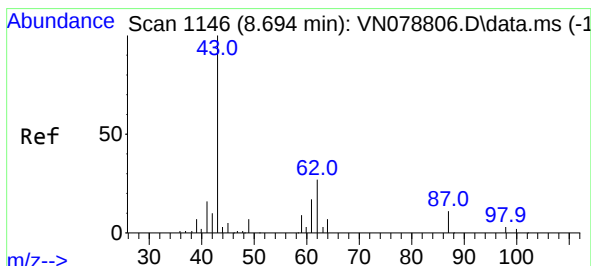
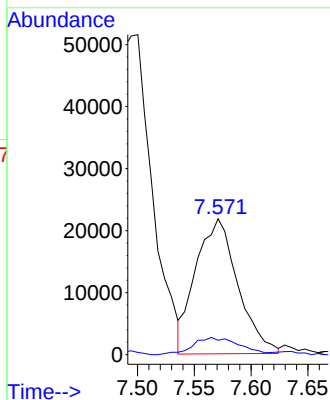
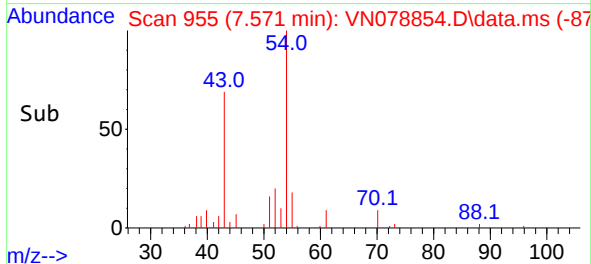
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion: 43 Resp: 5601
Ion Ratio Lower Upper
43 100
45 13.9 10.9 16.3

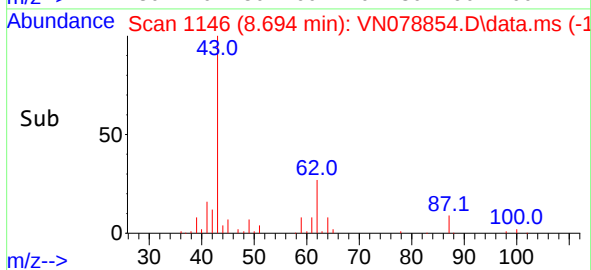
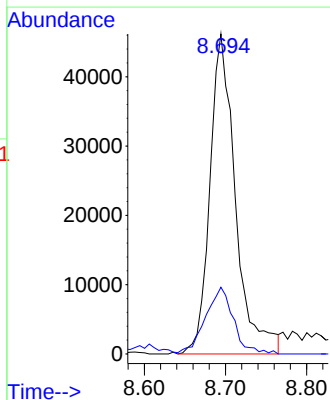
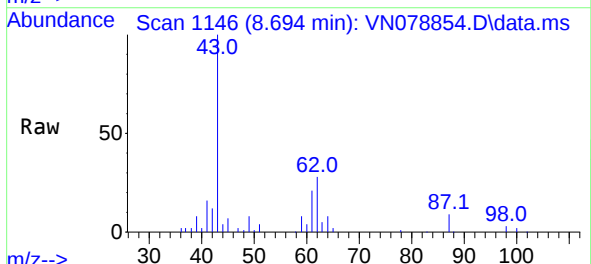
Manual Integrations
APPROVED

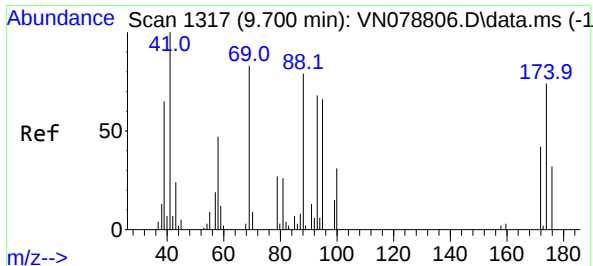
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#44
Isopropyl Acetate
Concen: 20.861 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 43 Resp: 100942
Ion Ratio Lower Upper
43 100
61 21.1 23.0 34.6#





#45

1,4-Dioxane

Concen: 409.864 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078854.D

Acq: 11 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

Tgt Ion: 88 Resp: 13300

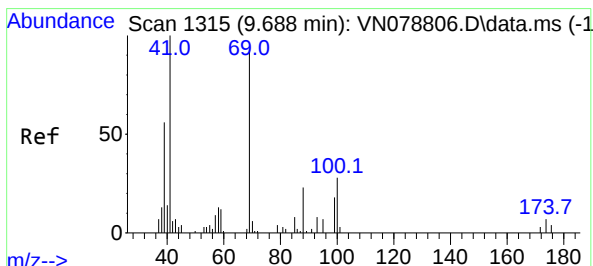
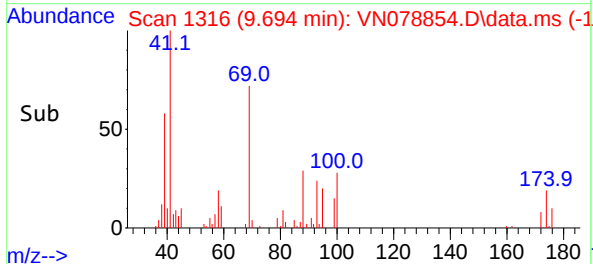
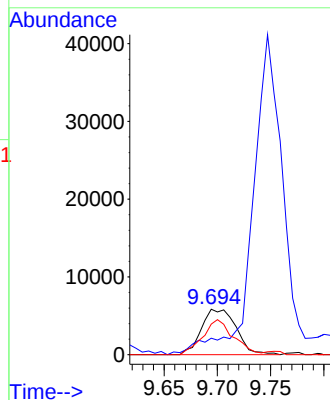
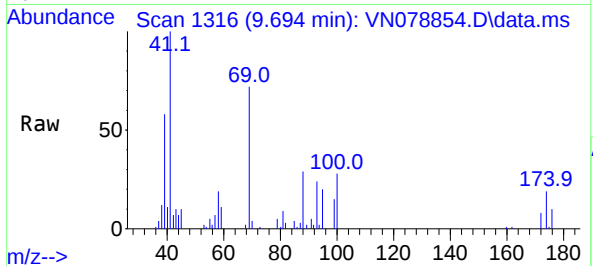
Ion	Ratio	Lower	Upper
88	100		
43	27.5	19.0	28.6
58	68.1	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#46

Methyl methacrylate

Concen: 19.560 ug/l

RT: 9.682 min Scan# 1314

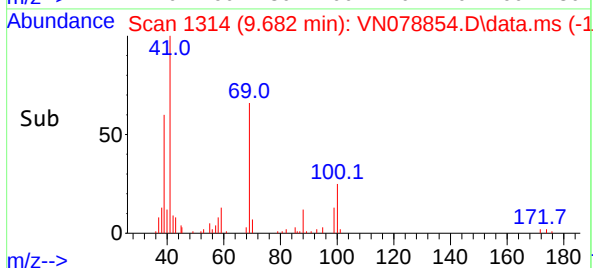
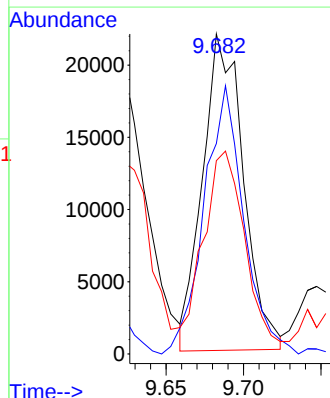
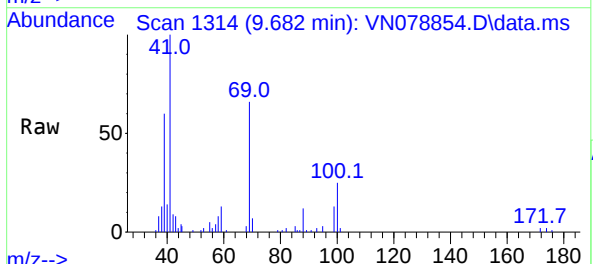
Delta R.T. -0.006 min

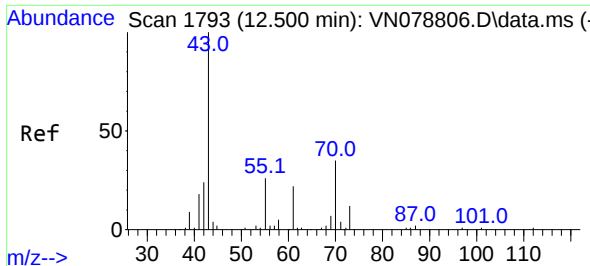
Lab File: VN078854.D

Acq: 11 Aug 2023 09:57

Tgt Ion: 41 Resp: 40078

Ion	Ratio	Lower	Upper
41	100		
69	64.9	49.0	147.0
39	59.8	31.6	94.8





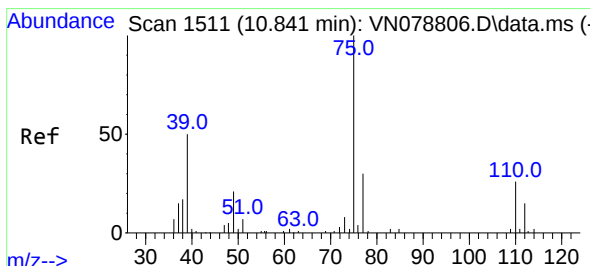
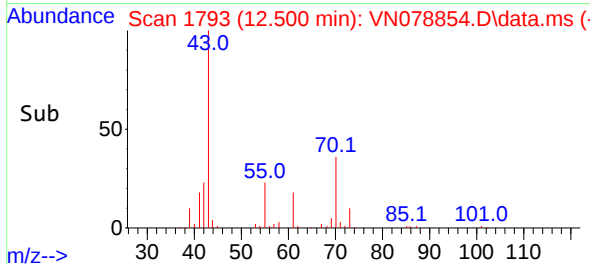
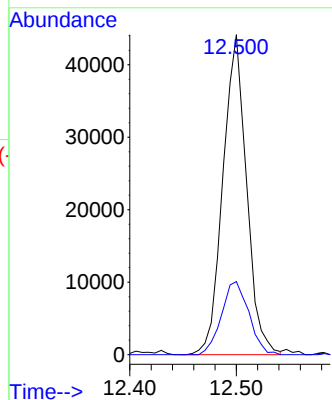
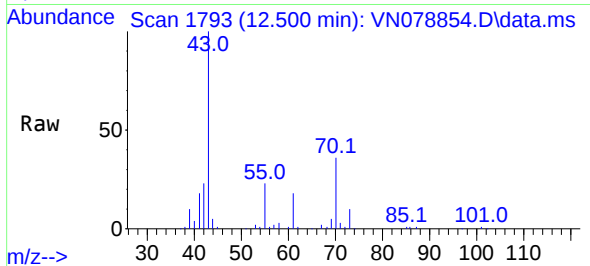
#47
n-amyl acetate
Concen: 20.148 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 43 Resp: 6815
Ion Ratio Lower Upper
43 100
55 26.4 21.5 32.3

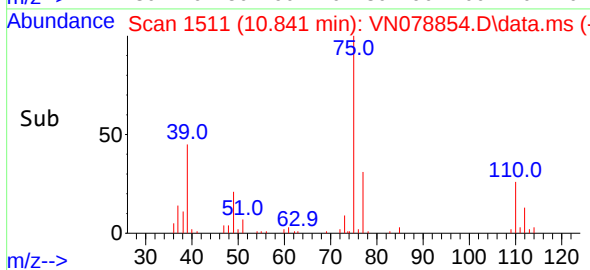
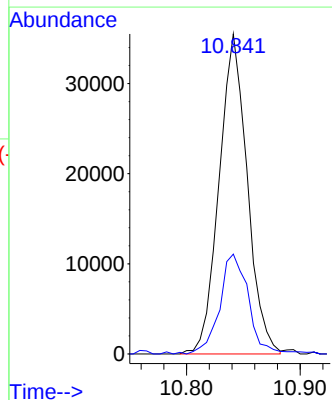
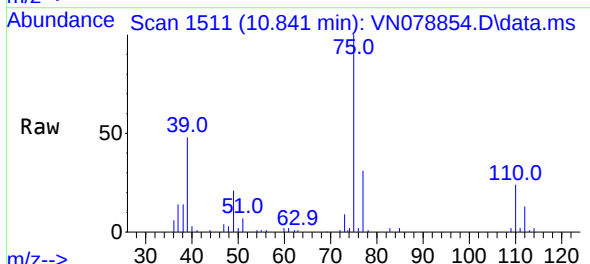
Manual Integrations
APPROVED

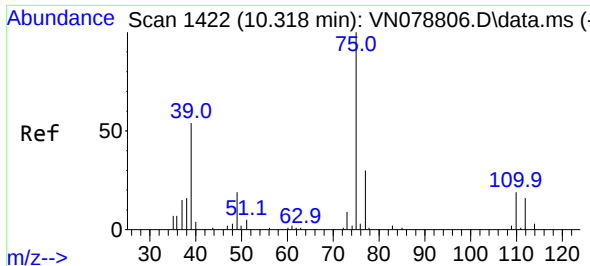
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#48
t-1,3-Dichloropropene
Concen: 21.167 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

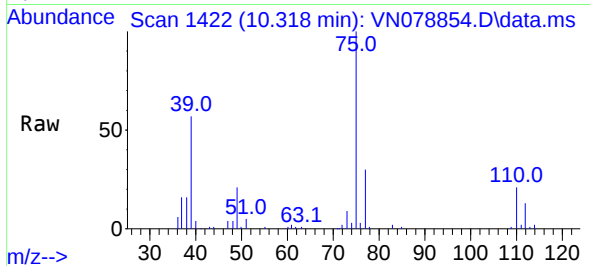
Tgt Ion: 75 Resp: 61144
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 21.180 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

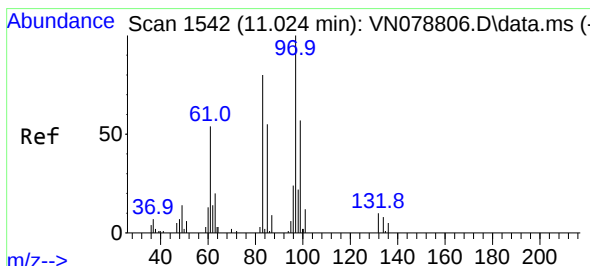
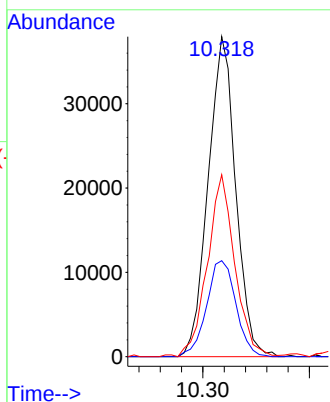
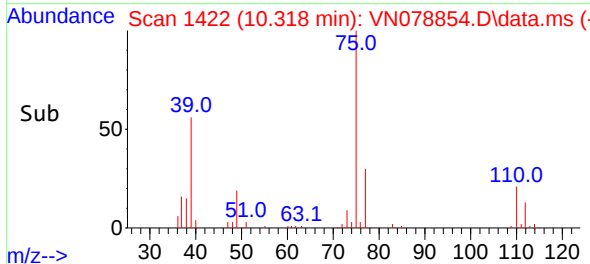
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion: 75 Resp: 68040
Ion Ratio Lower Upper
75 100
77 30.0 24.0 36.0
39 56.8 35.1 52.7

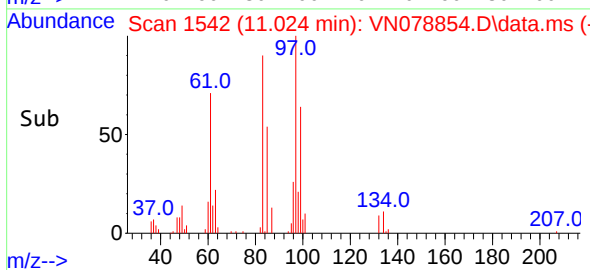
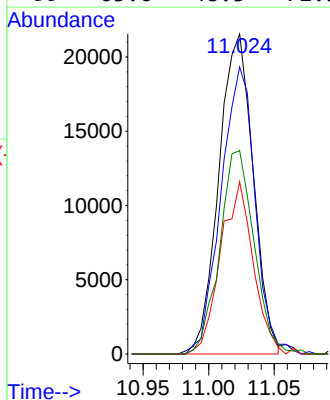
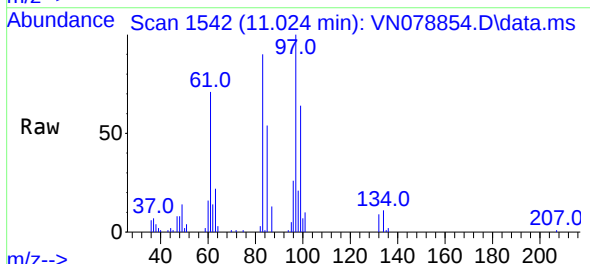
Manual Integrations
APPROVED

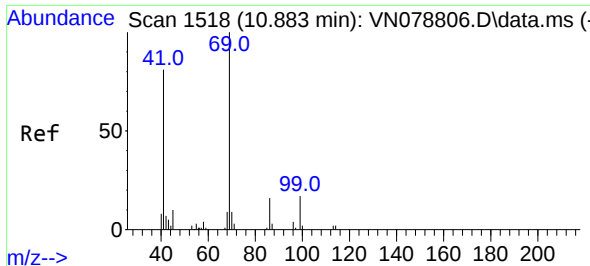
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#50
1,1,2-Trichloroethane
Concen: 20.370 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 97 Resp: 39298
Ion Ratio Lower Upper
97 100
83 89.7 66.8 100.2
85 53.8 42.5 63.7
99 63.6 48.3 72.5





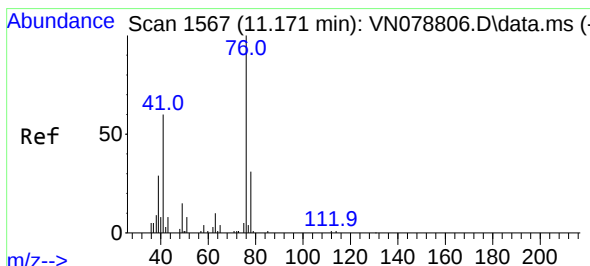
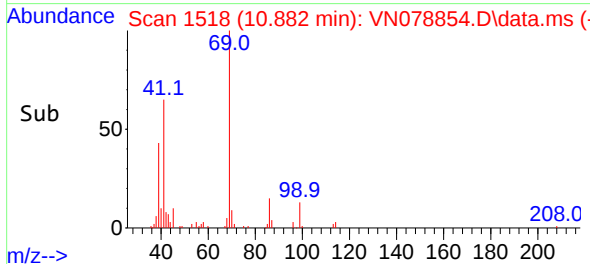
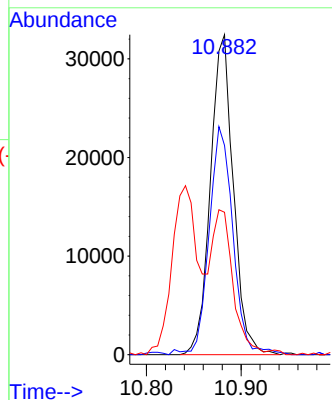
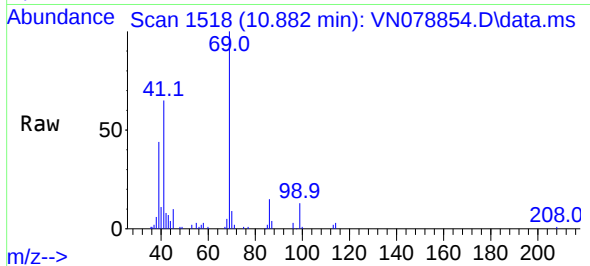
#51
Ethyl methacrylate
Concen: 20.161 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 69 Resp: 5451
Ion Ratio Lower Upper
69 100
41 64.7 26.0 78.0
39 43.4 16.3 48.9

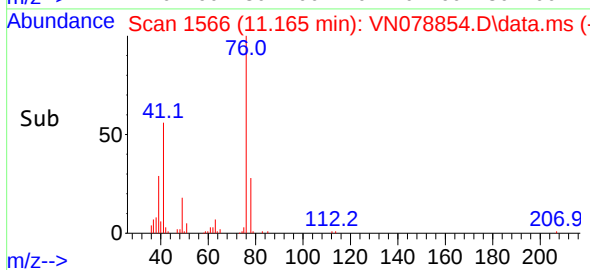
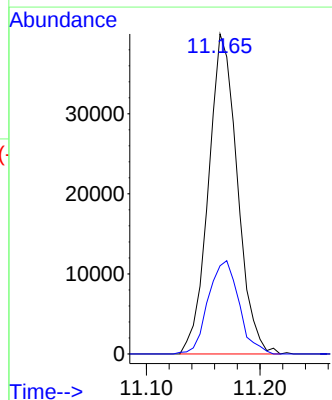
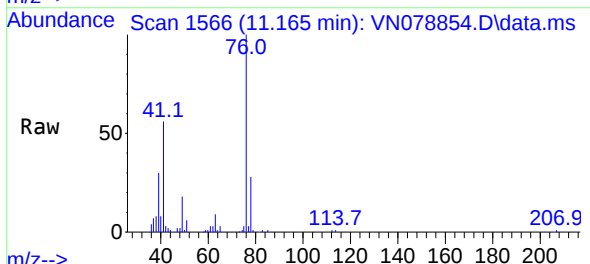
Manual Integrations
APPROVED

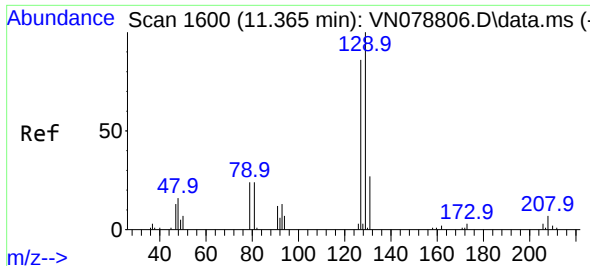
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#52
1,3-Dichloropropane
Concen: 21.333 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

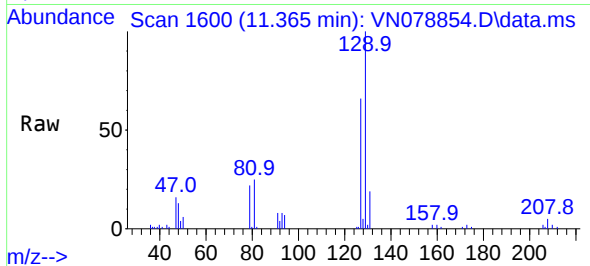
Tgt Ion: 76 Resp: 70666
Ion Ratio Lower Upper
76 100
78 30.9 0.0 66.2





#53
Dibromochloromethane
Concen: 21.188 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

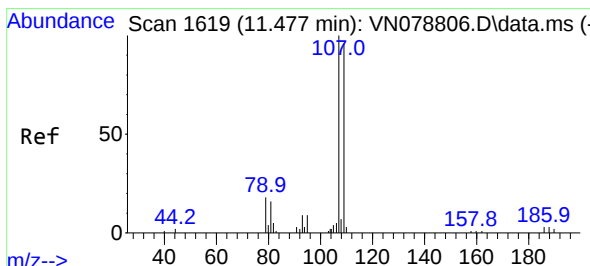
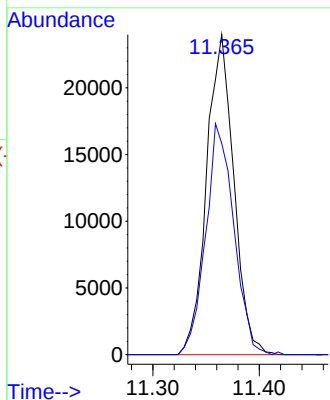
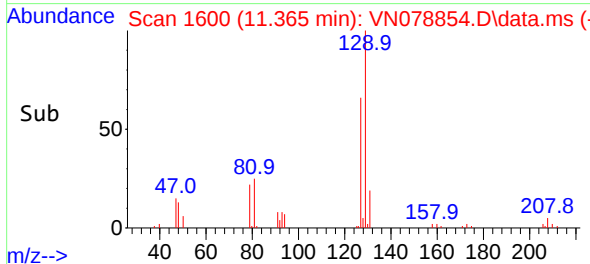
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



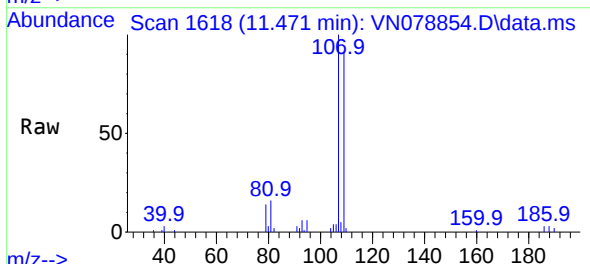
Tgt Ion:129 Resp: 4266
Ion Ratio Lower Upper
129 100
127 74.5 39.4 118.1

Manual Integrations
APPROVED

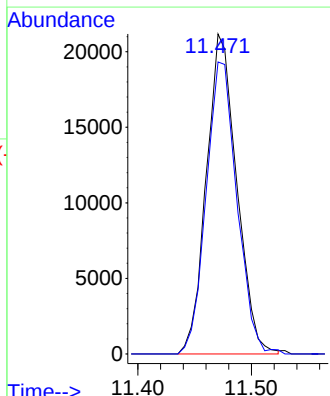
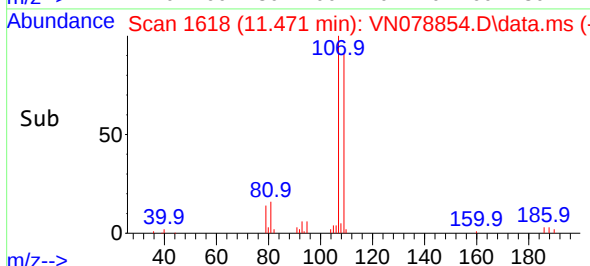
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

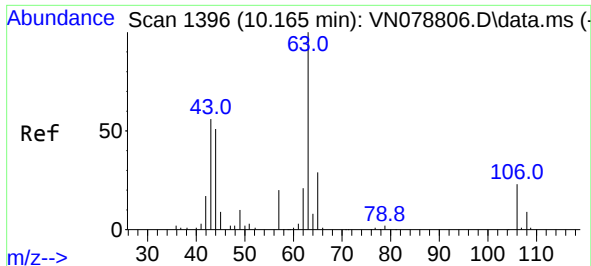


#54
1,2-Dibromoethane
Concen: 20.858 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



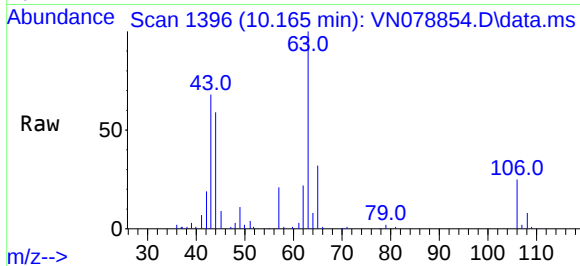
Tgt Ion:107 Resp: 39312
Ion Ratio Lower Upper
107 100
109 91.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 105.000 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

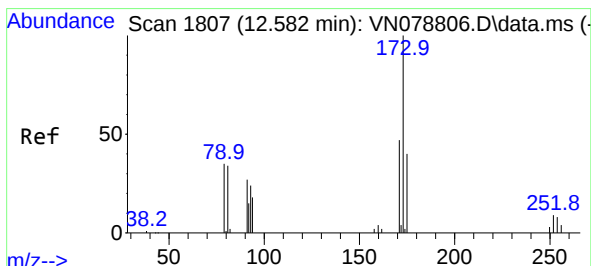
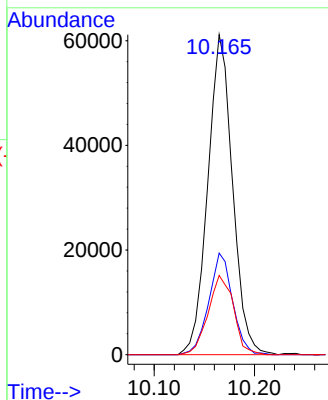
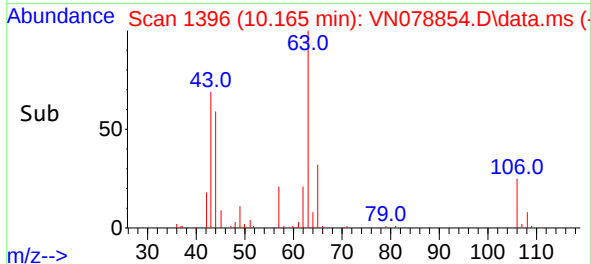
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



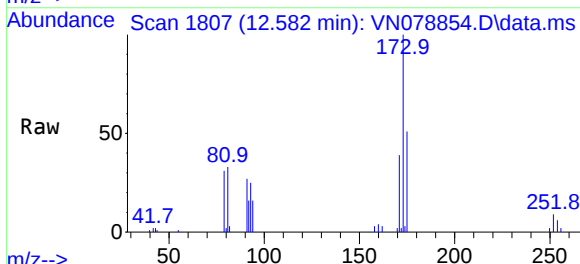
Tgt Ion: 63 Resp: 104710
Ion Ratio Lower Upper
63 100
65 30.4 26.3 39.5
106 25.4 23.8 35.6

Manual Integrations
APPROVED

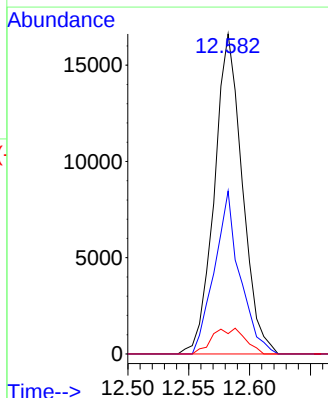
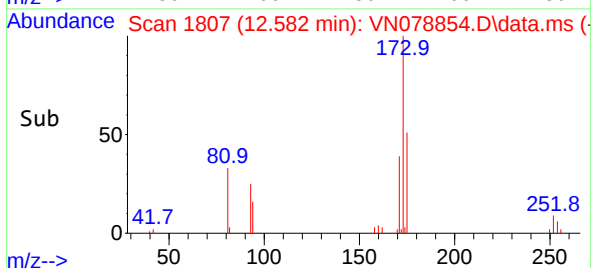
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

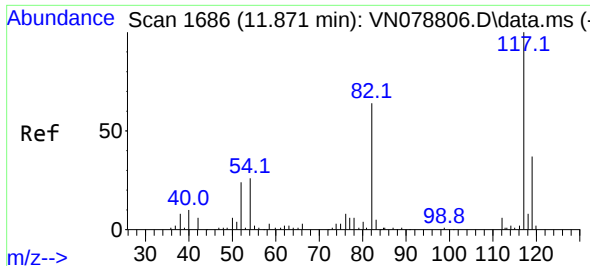


#56
Bromoform
Concen: 21.087 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



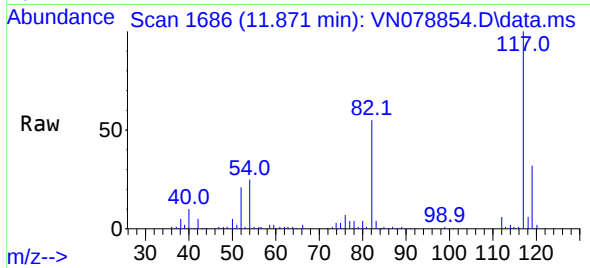
Tgt Ion:173 Resp: 26579
Ion Ratio Lower Upper
173 100
175 46.4 40.7 61.1
254 5.3 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

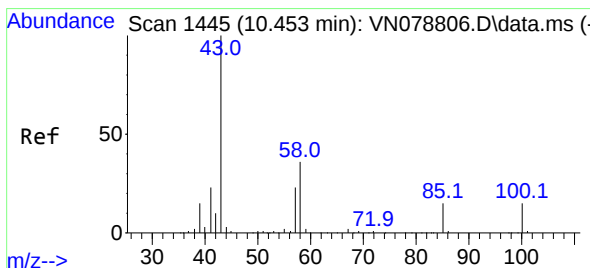
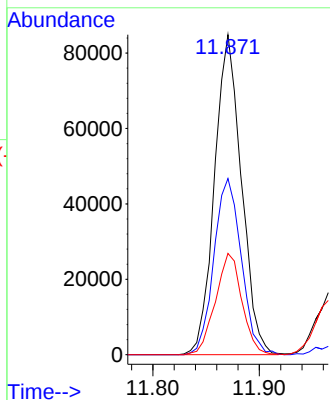
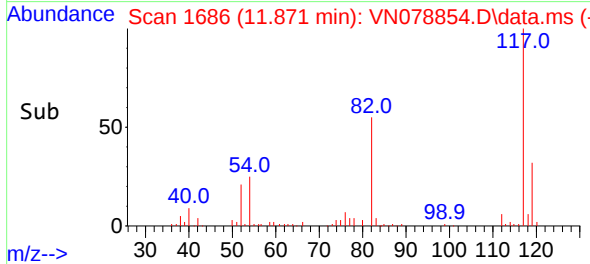
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



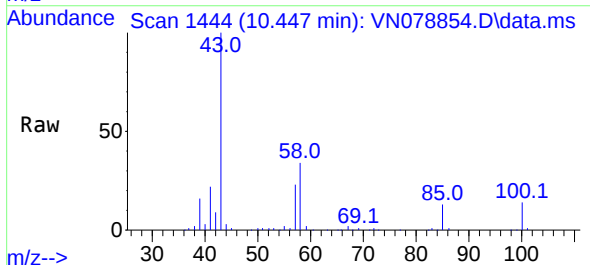
Tgt Ion:117 Resp: 148730
Ion Ratio Lower Upper
117 100
82 55.8 43.9 65.9
119 31.2 26.2 39.4

Manual Integrations
APPROVED

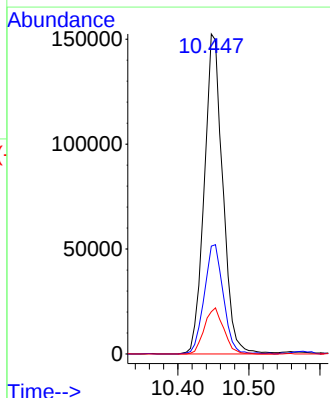
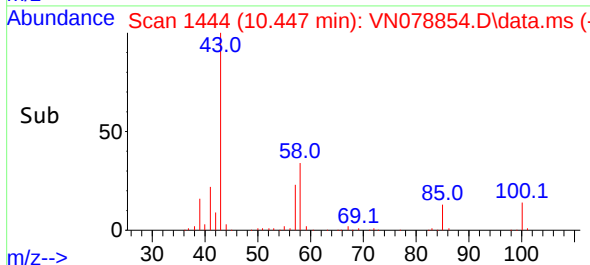
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

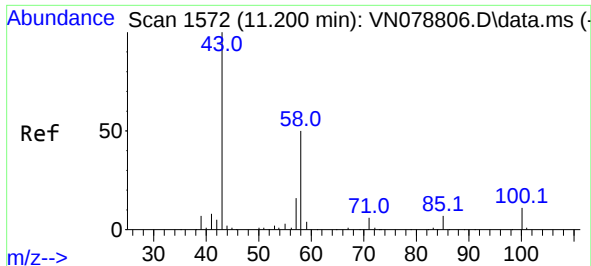


#58
4-Methyl-2-Pentanone
Concen: 96.863 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



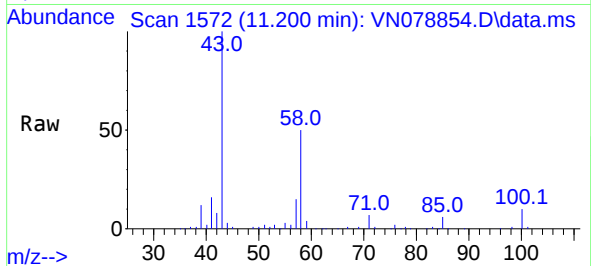
Tgt Ion: 43 Resp: 276908
Ion Ratio Lower Upper
43 100
58 35.2 32.6 48.8
85 15.0 16.2 24.2#





#59
2-Hexanone
Concen: 98.215 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

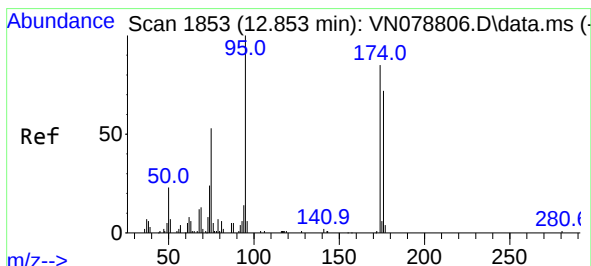
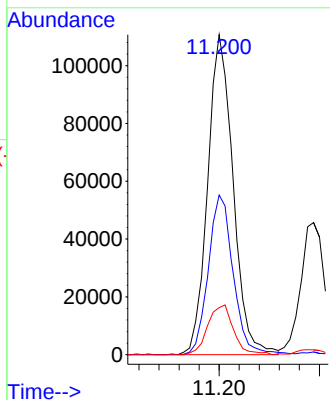
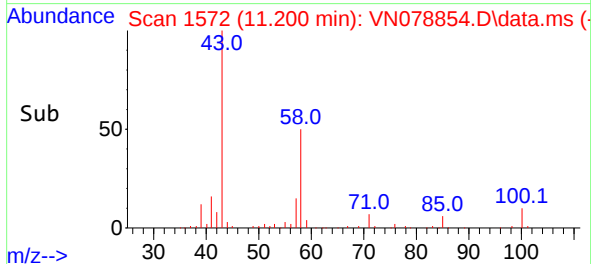
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



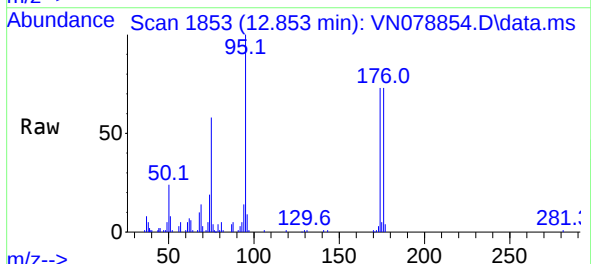
Tgt Ion: 43 Resp: 195111
Ion Ratio Lower Upper
43 100
58 48.9 45.9 68.9
57 15.6 15.8 23.6

Manual Integrations
APPROVED

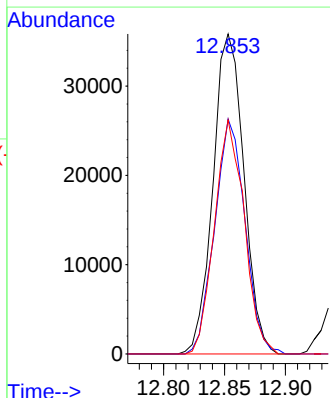
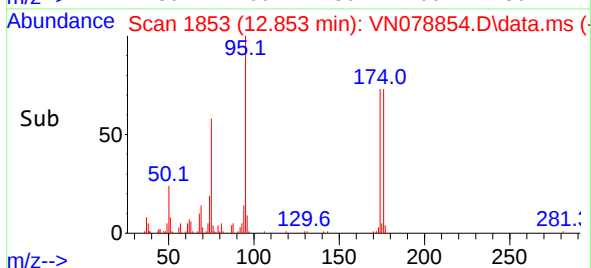
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

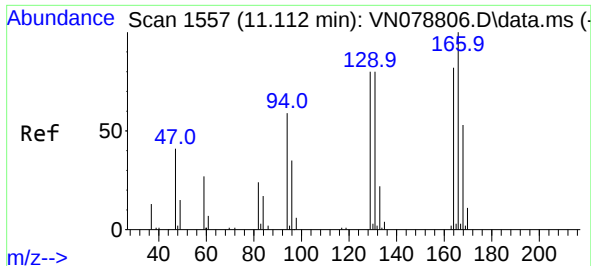


#60
4-Bromofluorobenzene
Concen: 30.262 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



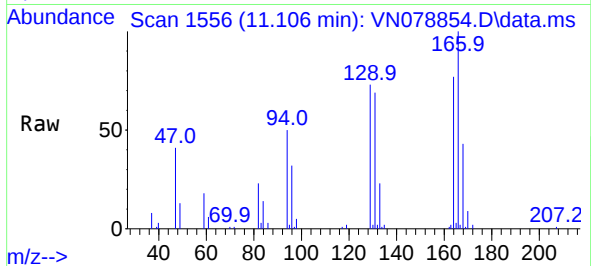
Tgt Ion: 95 Resp: 63177
Ion Ratio Lower Upper
95 100
174 72.4 61.7 92.5
176 70.5 58.1 87.1





#61
Tetrachloroethene
Concen: 18.320 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

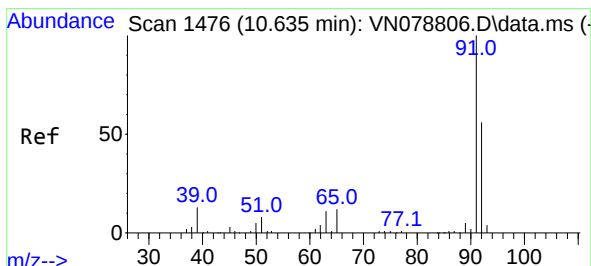
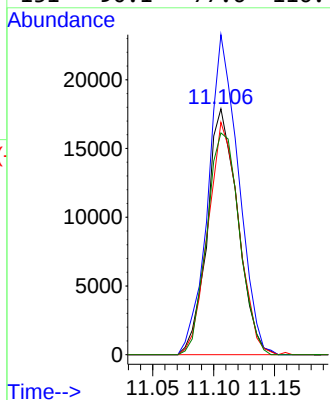
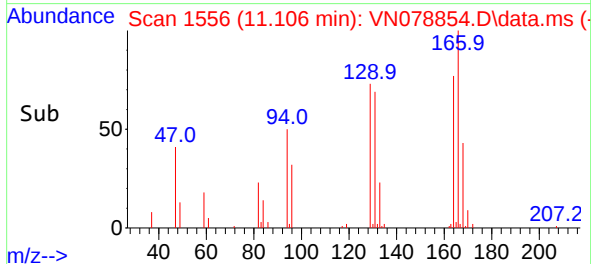
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



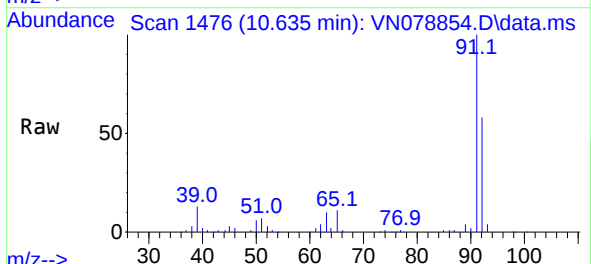
Tgt Ion:164 Resp: 31172
Ion Ratio Lower Upper
164 100
166 130.1 99.1 148.7
129 94.5 85.6 128.4
131 90.1 77.6 116.4

Manual Integrations
APPROVED

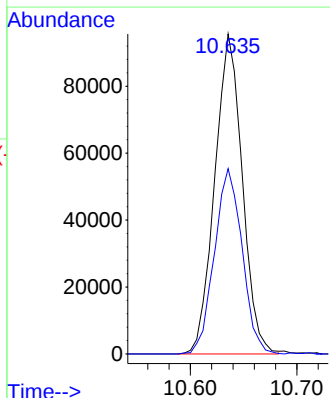
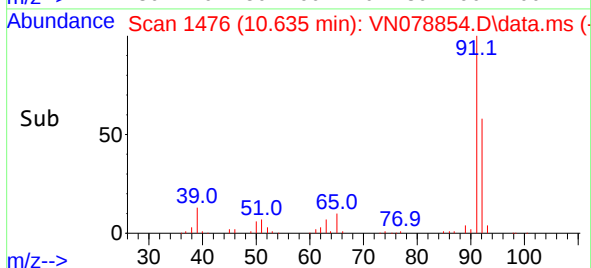
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

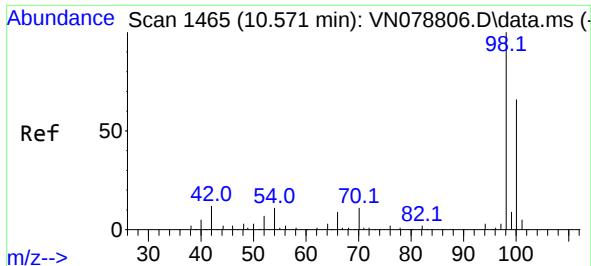


#62
Toluene
Concen: 19.600 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



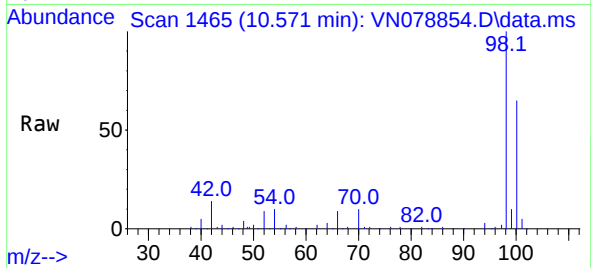
Tgt Ion: 91 Resp: 171623
Ion Ratio Lower Upper
91 100
92 58.2 45.2 67.8





#63
Toluene-d8
Concen: 29.212 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

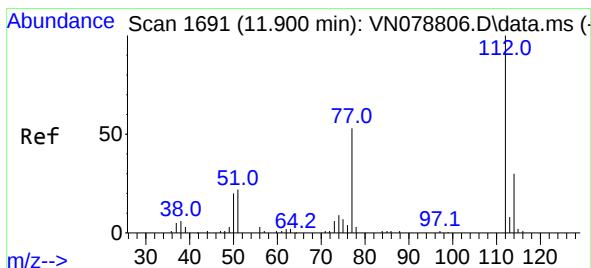
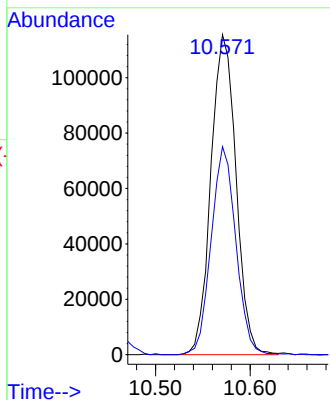
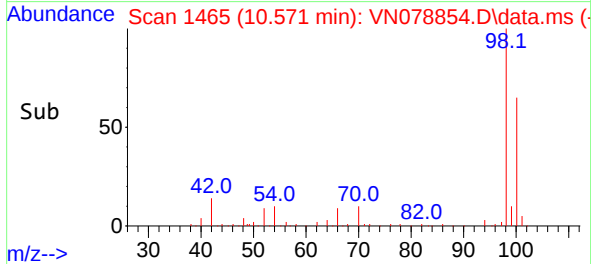
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion: 98 Resp: 212908
Ion Ratio Lower Upper
98 100
100 63.9 49.7 74.5

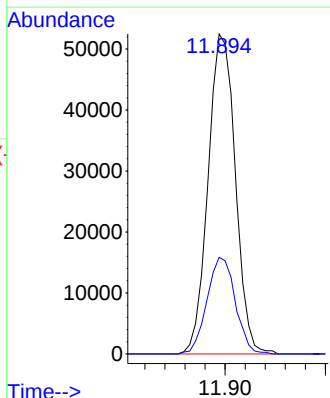
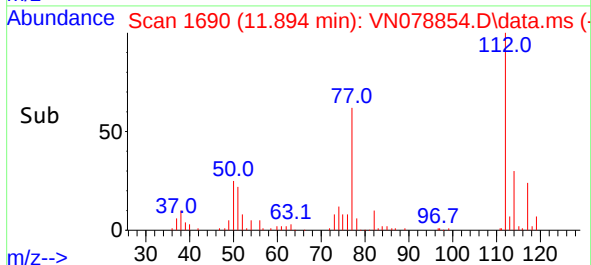
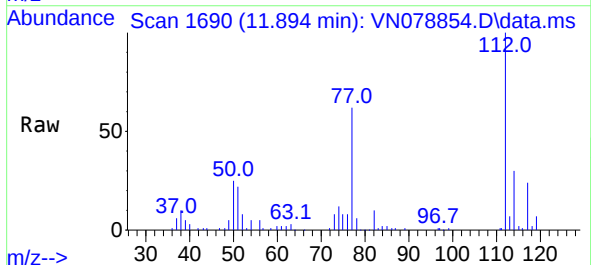
Manual Integrations
APPROVED

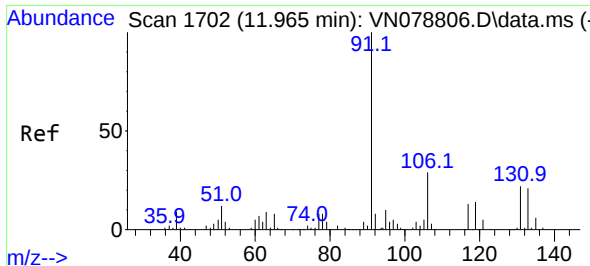
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#64
Chlorobenzene
Concen: 19.293 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

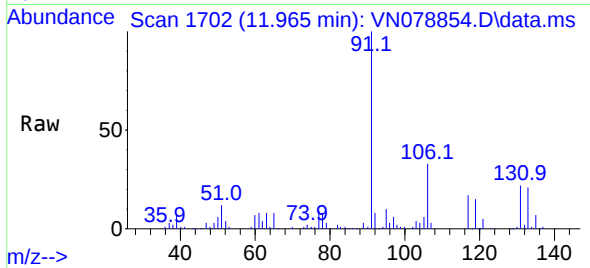
Tgt Ion:112 Resp: 98897
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.380 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

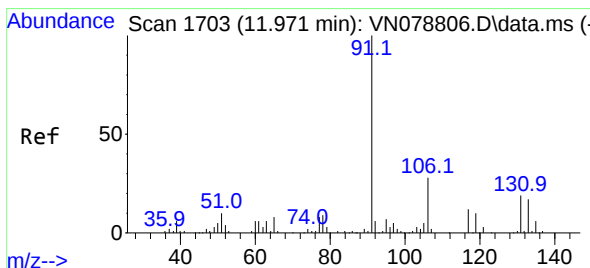
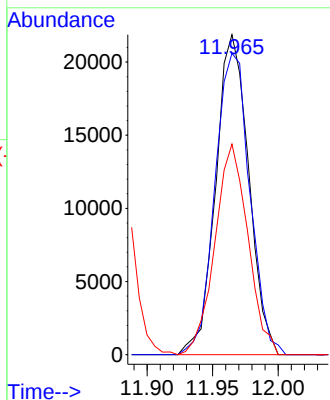
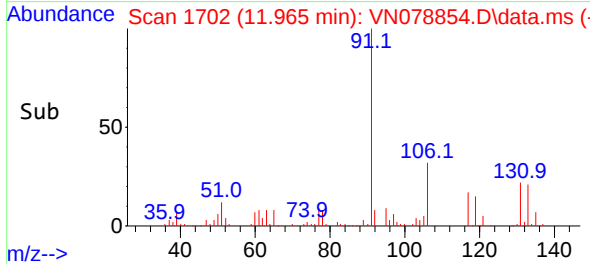
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



Tgt Ion:131 Resp: 3827
Ion Ratio Lower Upper
131 100
133 99.4 0.0 191.8
119 65.9 0.0 132.0

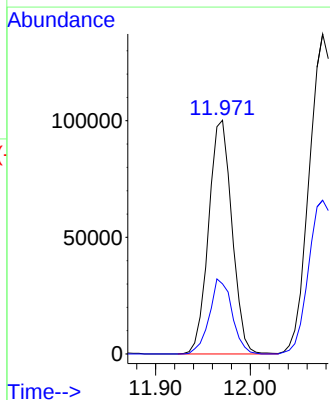
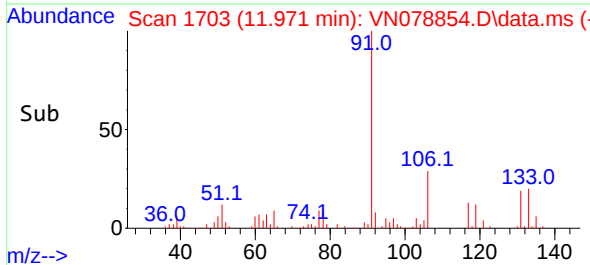
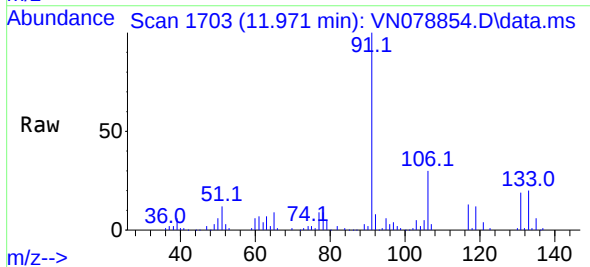
Manual Integrations
APPROVED

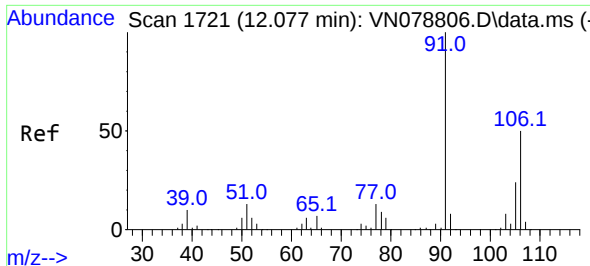
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#66
Ethyl Benzene
Concen: 18.869 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion: 91 Resp: 171599
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4





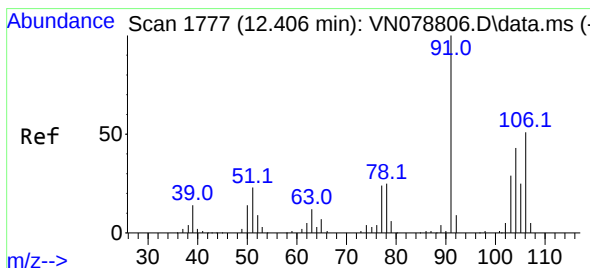
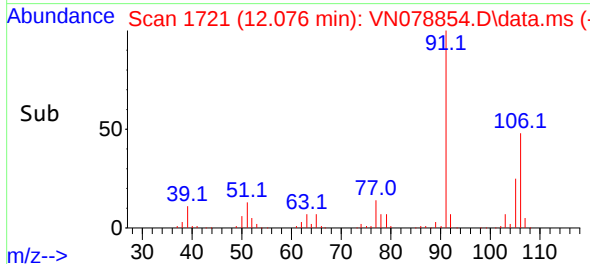
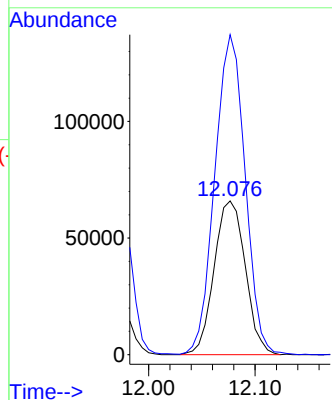
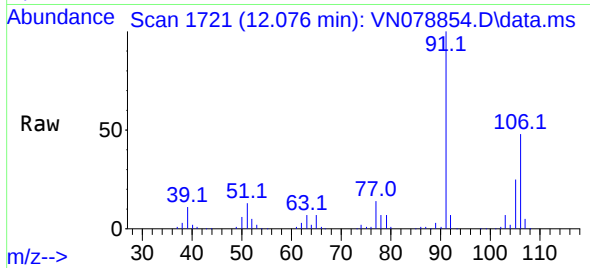
#67
m/p-Xylenes
Concen: 40.202 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion:106 Resp: 13405
Ion Ratio Lower Upper
106 100
91 202.6 162.5 243.7

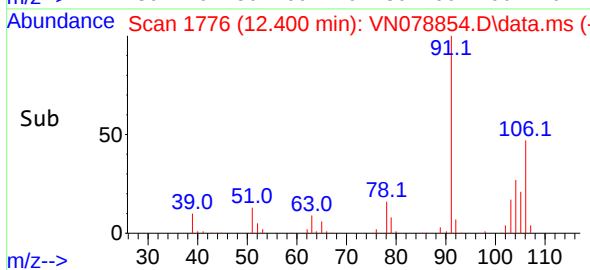
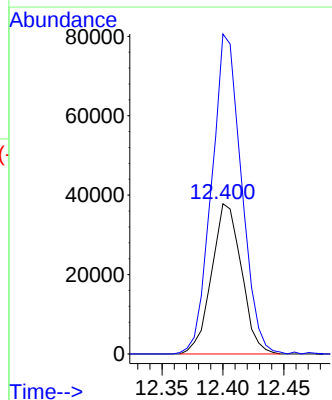
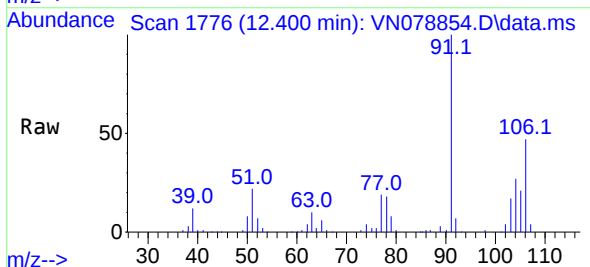
Manual Integrations
APPROVED

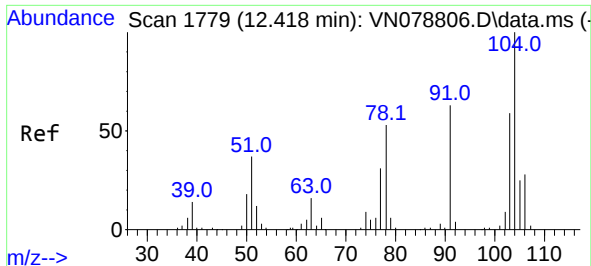
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#68
o-Xylene
Concen: 19.396 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

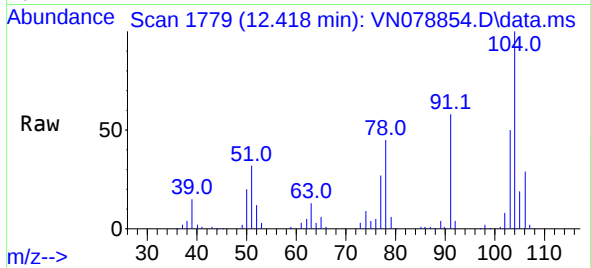
Tgt Ion:106 Resp: 64376
Ion Ratio Lower Upper
106 100
91 212.6 106.1 318.3





#69
Styrene
Concen: 20.295 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

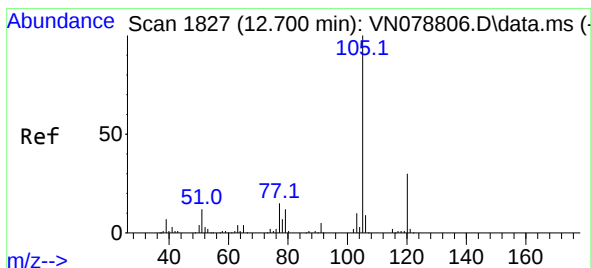
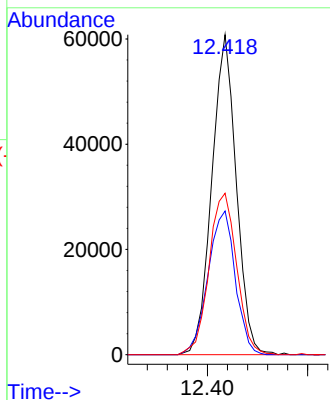
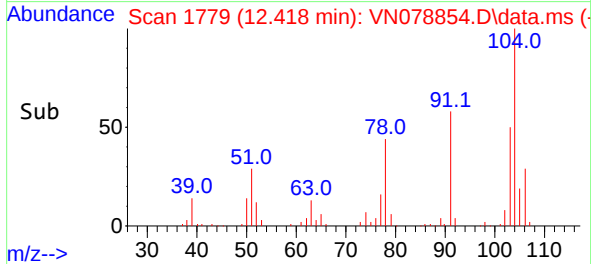
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



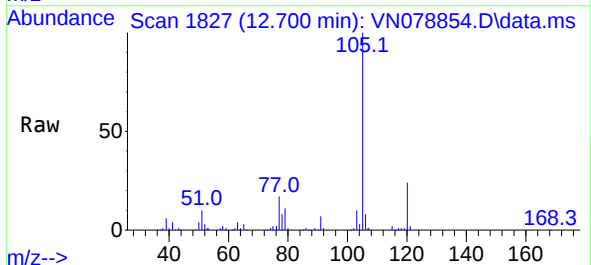
Tgt Ion:104 Resp: 102929
Ion Ratio Lower Upper
104 100
78 50.0 40.1 60.1
103 57.1 45.1 67.7

Manual Integrations
APPROVED

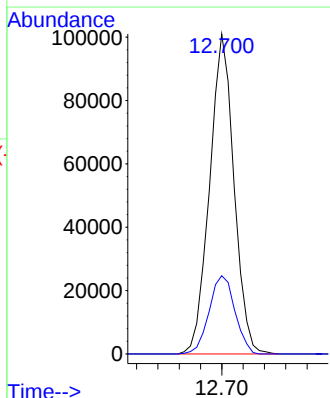
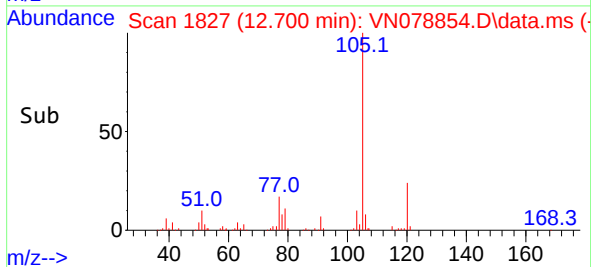
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

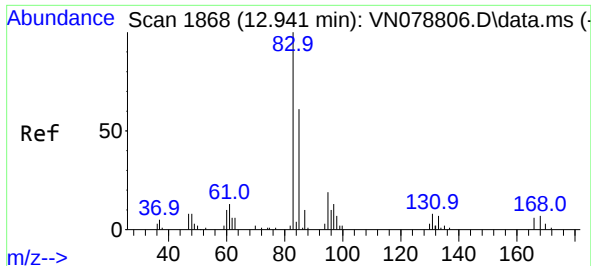


#70
Isopropylbenzene
Concen: 19.528 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



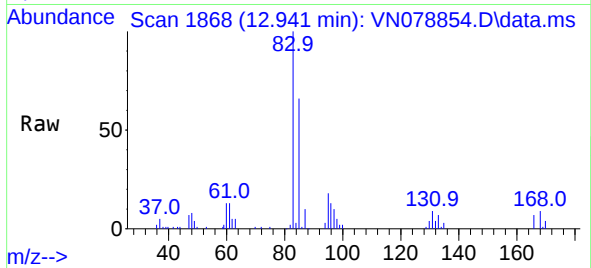
Tgt Ion:105 Resp: 160093
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.956 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

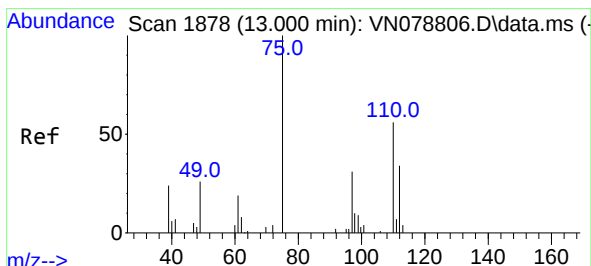
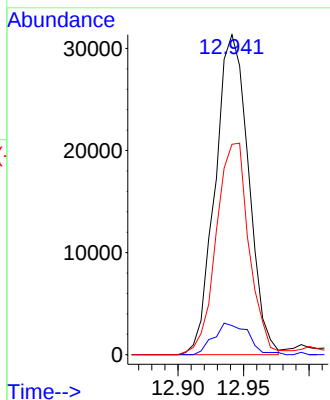
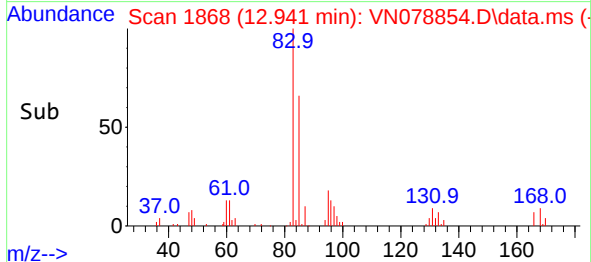
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



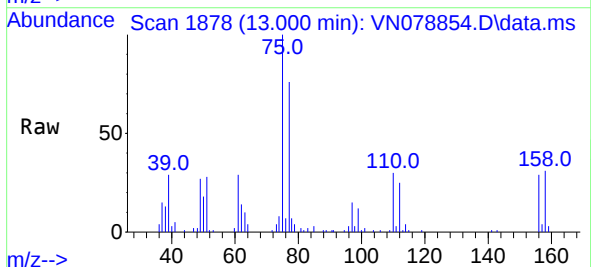
Tgt Ion: 83 Resp: 55439
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 65.0 32.6 98.0

Manual Integrations
APPROVED

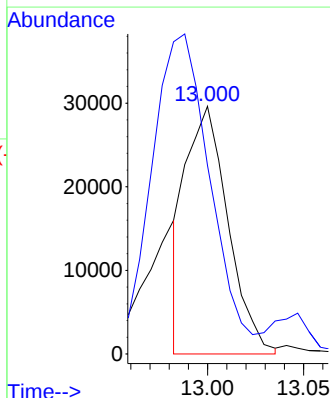
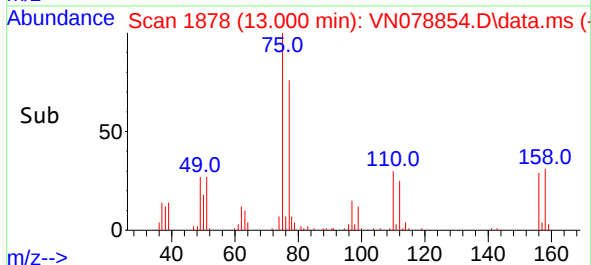
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

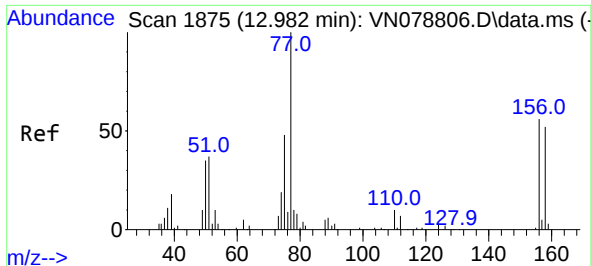


#72
1,2,3-Trichloropropane
Concen: 18.713 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



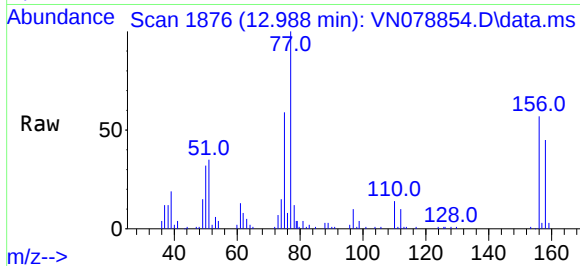
Tgt Ion: 75 Resp: 45379
Ion Ratio Lower Upper
75 100
77 179.2 0.0 387.4





#73
Bromobenzene
Concen: 19.521 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

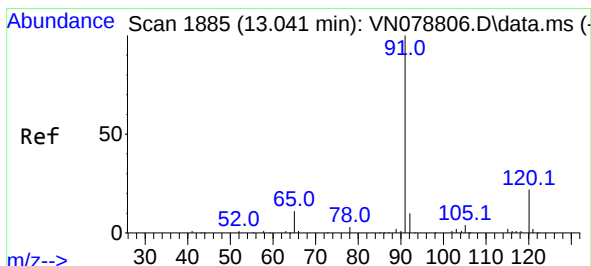
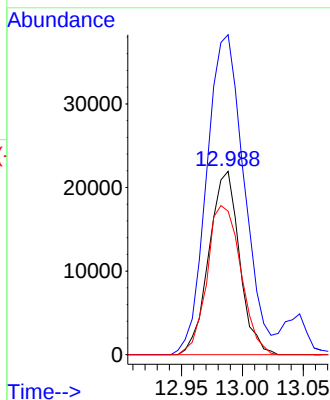
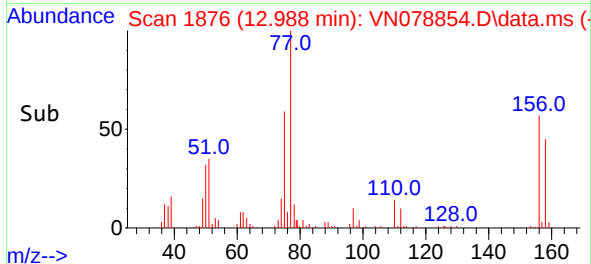
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



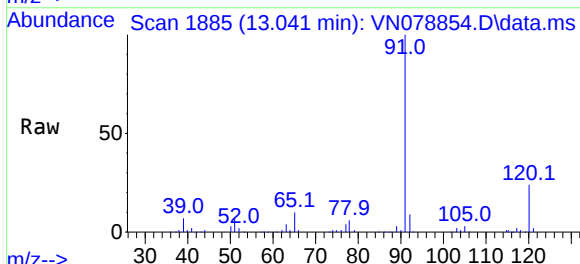
Tgt Ion:156 Resp: 38249
Ion Ratio Lower Upper
156 100
77 212.6 0.0 420.8
158 90.0 0.0 193.2

Manual Integrations
APPROVED

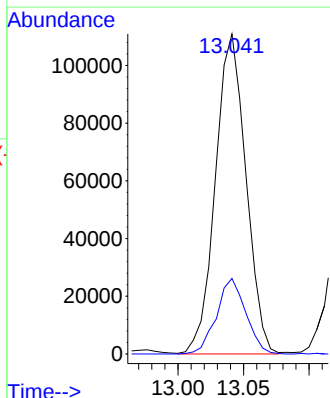
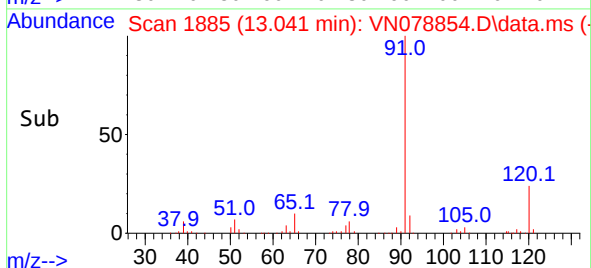
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

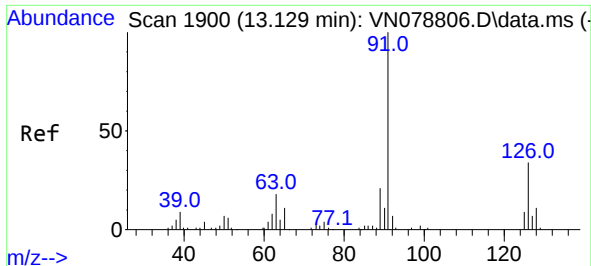


#74
n-propylbenzene
Concen: 19.802 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



Tgt Ion: 91 Resp: 179637
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.6





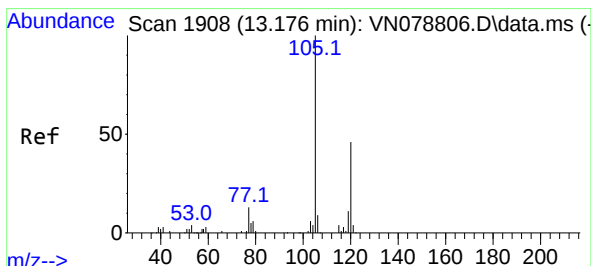
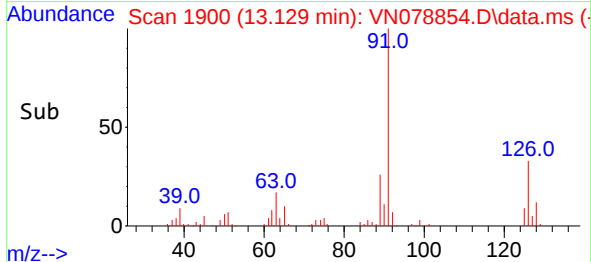
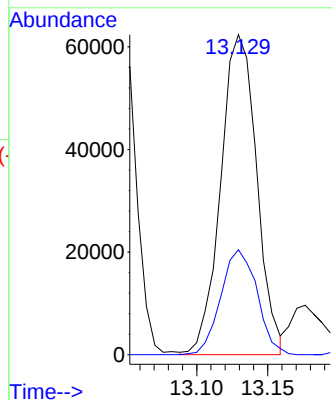
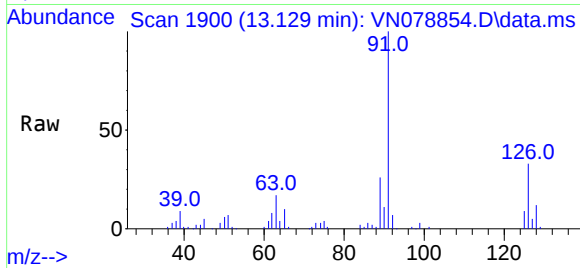
#75
2-Chlorotoluene
Concen: 19.488 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 91 Resp: 110135
Ion Ratio Lower Upper
91 100
126 33.0 0.0 67.2

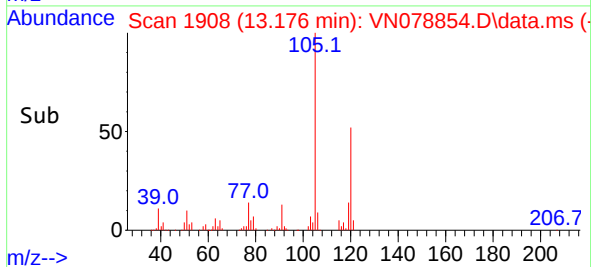
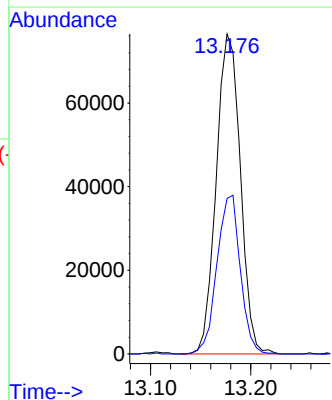
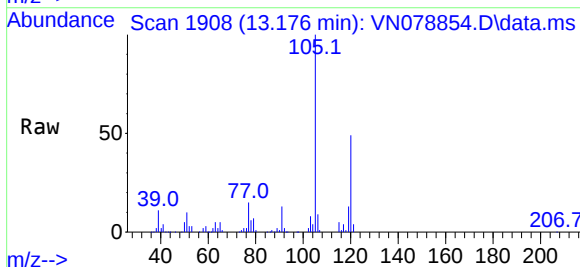
Manual Integrations
APPROVED

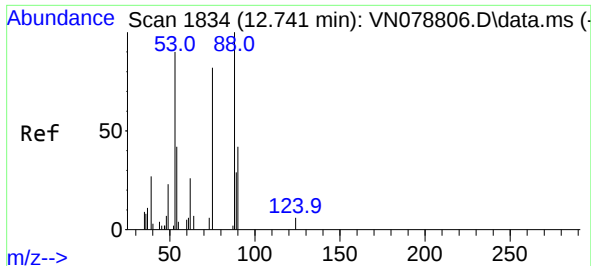
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.627 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

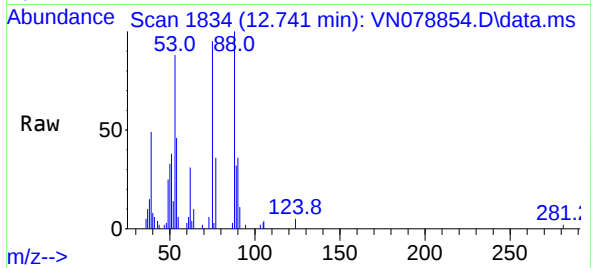
Tgt Ion:105 Resp: 127794
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.426 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

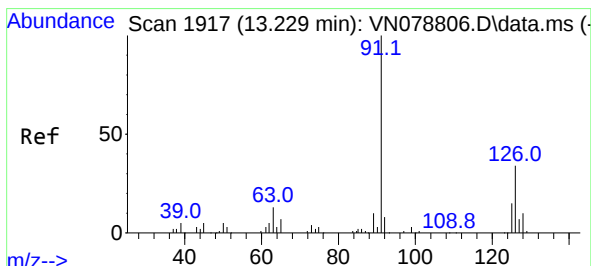
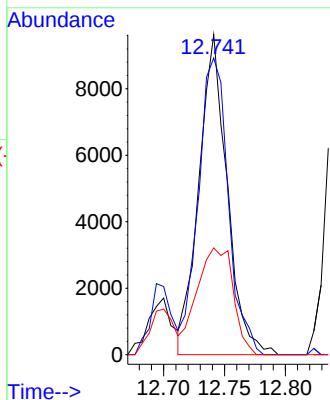
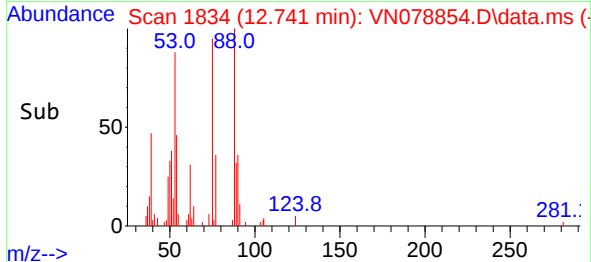
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



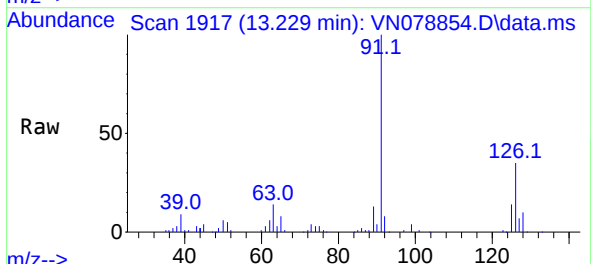
Tgt Ion: 75 Resp: 1554
Ion Ratio Lower Upper
75 100
53 92.7 41.6 124.9
89 33.4 25.1 75.4

Manual Integrations
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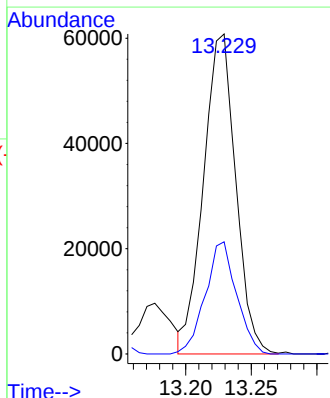
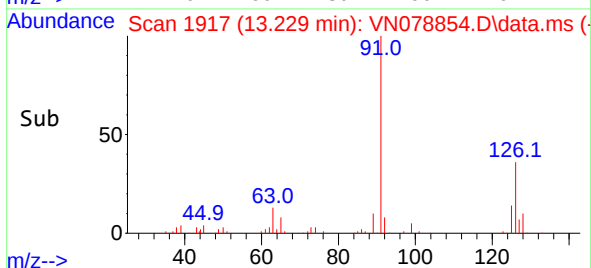
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

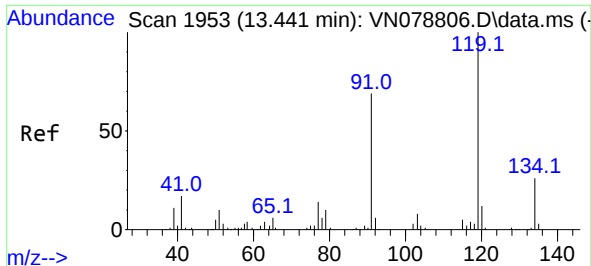


#78
4-Chlorotoluene
Concen: 19.832 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



Tgt Ion: 91 Resp: 103977
Ion Ratio Lower Upper
91 100
126 34.0 0.0 68.8





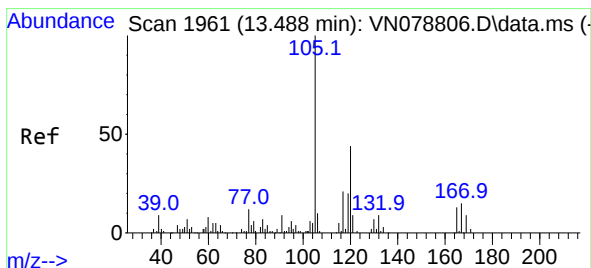
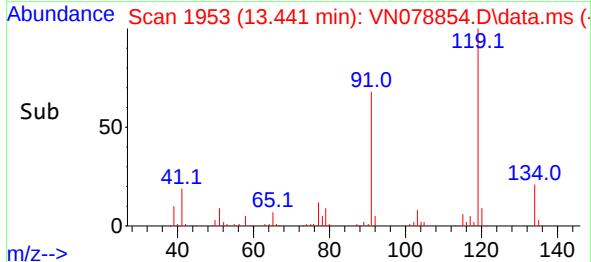
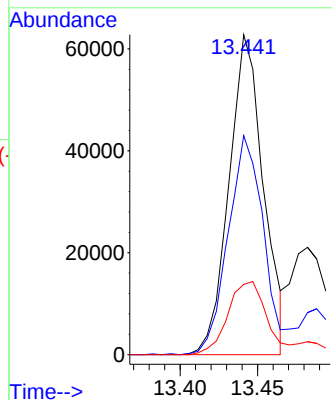
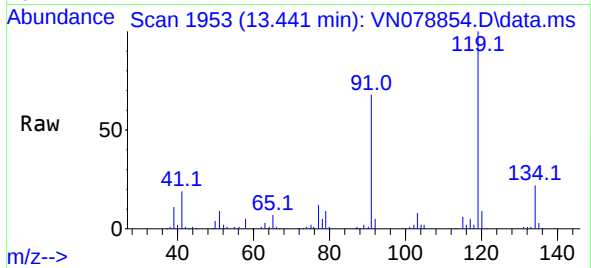
#79
tert-butylbenzene
Concen: 18.176 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion:119 Resp: 97105
Ion Ratio Lower Upper
119 100
91 69.2 0.0 126.6
134 25.6 0.0 44.0

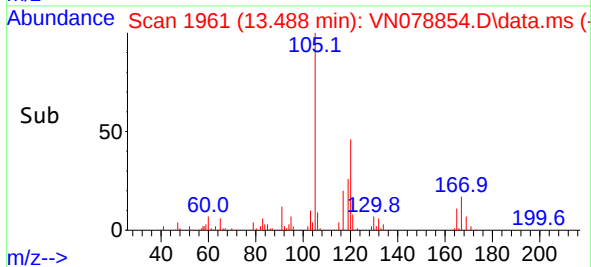
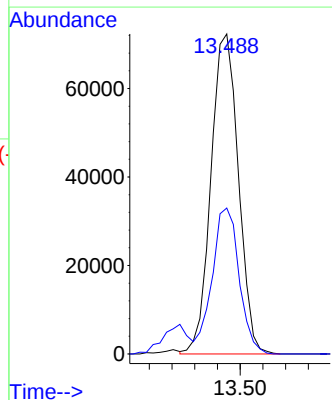
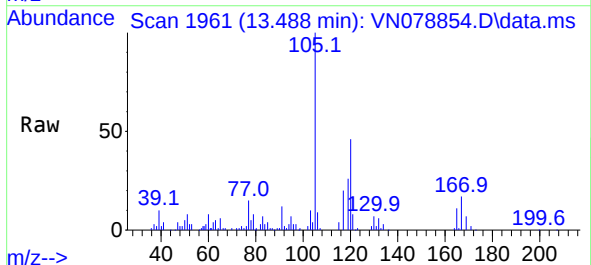
Manual Integrations
APPROVED

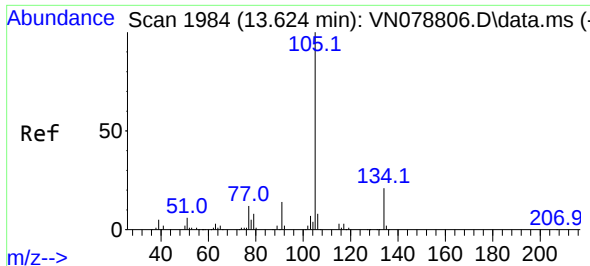
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.750 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

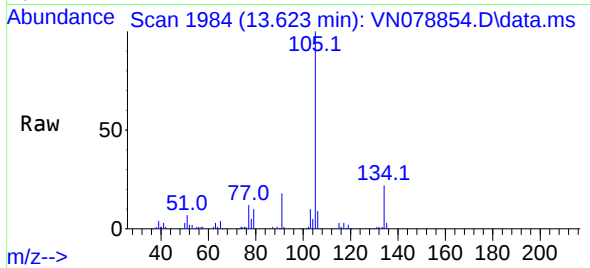
Tgt Ion:105 Resp: 121349
Ion Ratio Lower Upper
105 100
120 44.9 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 19.091 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078854.D
 Acq: 11 Aug 2023 09:57

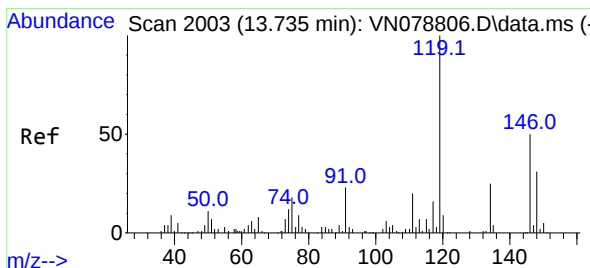
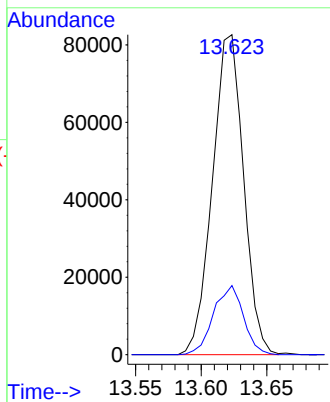
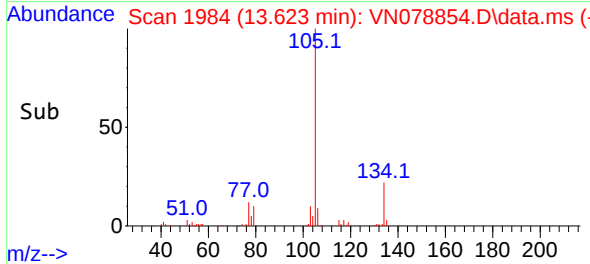
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01



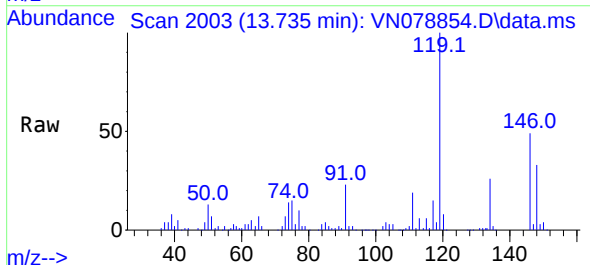
Tgt Ion:105 Resp: 136549
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 38.6

Manual Integrations
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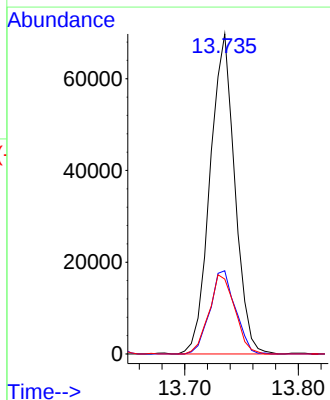
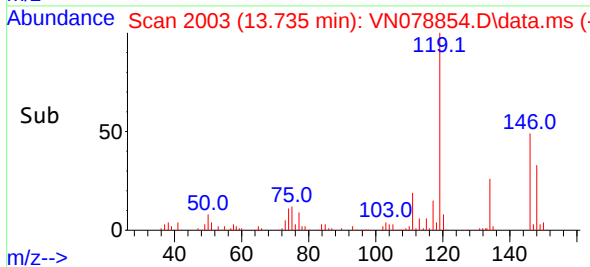
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023

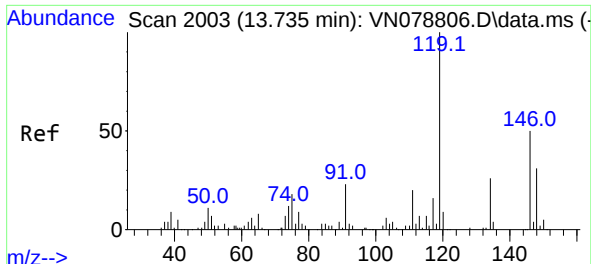


#82
 p-Isopropyltoluene
 Concen: 18.849 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078854.D
 Acq: 11 Aug 2023 09:57



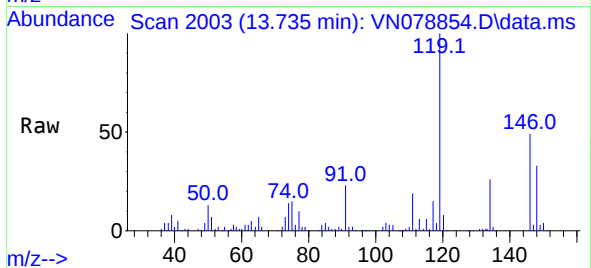
Tgt Ion:119 Resp: 105599
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.4
 91 25.9 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 18.919 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

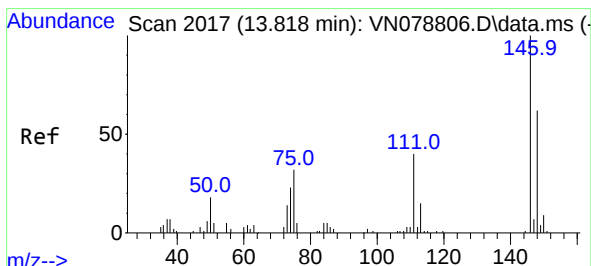
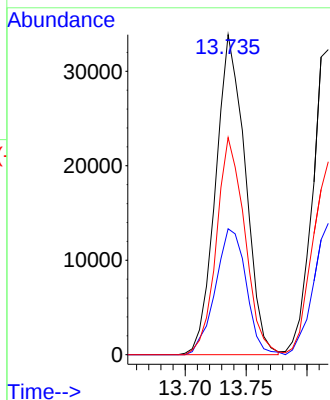
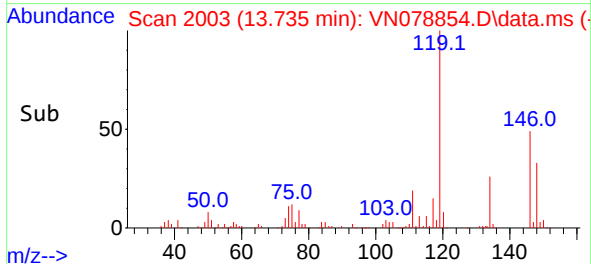
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



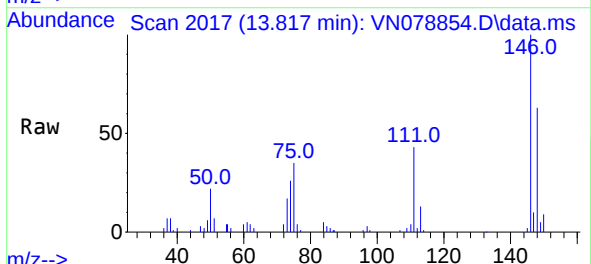
Tgt Ion:146 Resp: 57289
Ion Ratio Lower Upper
146 100
111 40.9 21.6 64.6
148 65.4 31.9 95.5

Manual Integrations
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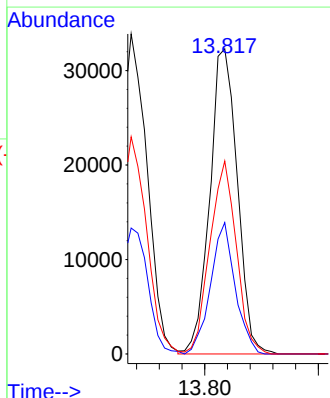
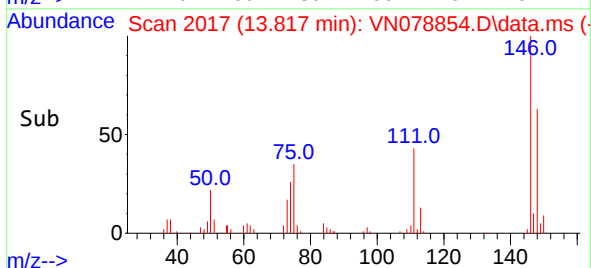
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

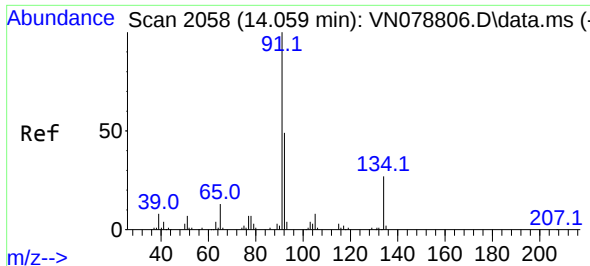


#84
1,4-Dichlorobenzene
Concen: 18.805 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



Tgt Ion:146 Resp: 54379
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 60.8 31.4 94.3





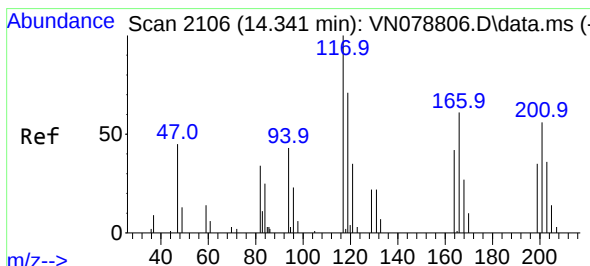
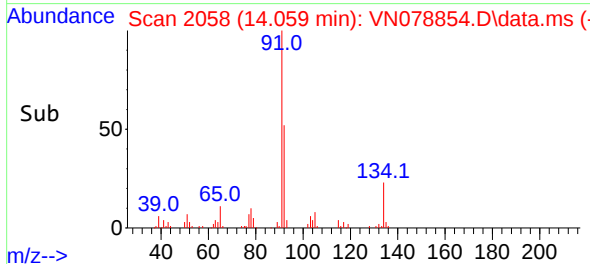
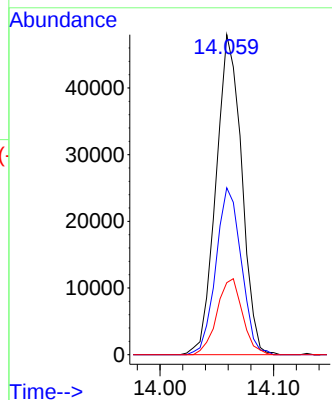
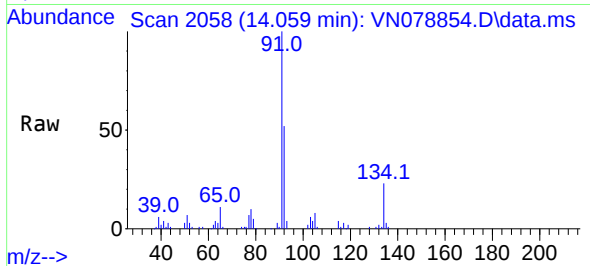
#85
n-Butylbenzene
Concen: 18.297 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tgt Ion: 91 Resp: 7543
Ion Ratio Lower Upper
91 100
92 51.6 0.0 99.6
134 23.6 0.0 50.0

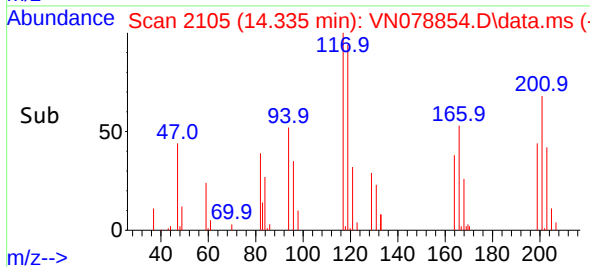
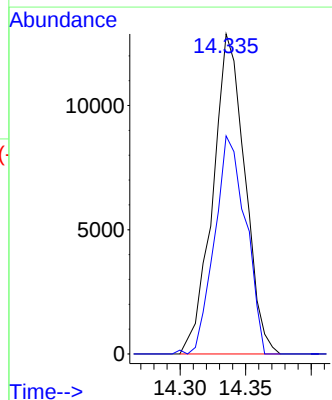
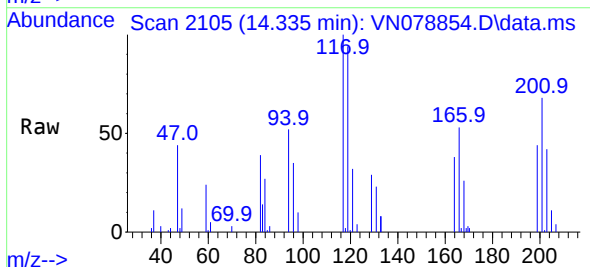
Manual Integrations
APPROVED

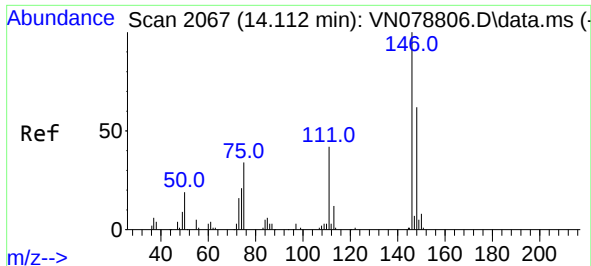
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#86
Hexachloroethane
Concen: 18.564 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

Tgt Ion:117 Resp: 21907
Ion Ratio Lower Upper
117 100
201 66.0 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 19.759 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078854.D

Acq: 11 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

Tgt Ion:146 Resp: 5886

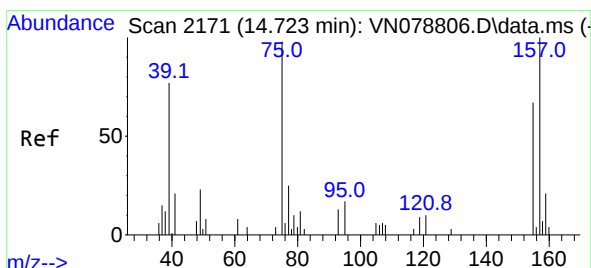
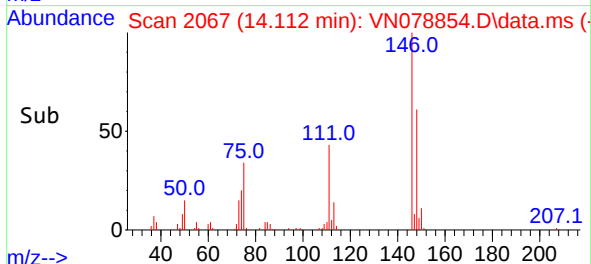
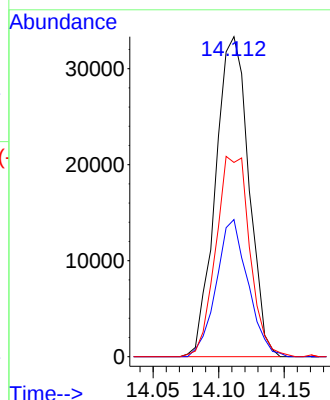
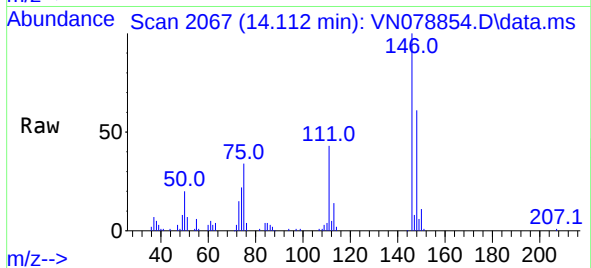
Ion	Ratio	Lower	Upper
146	100		
111	40.8	22.4	67.3
148	63.9	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.205 ug/l

RT: 14.723 min Scan# 2171

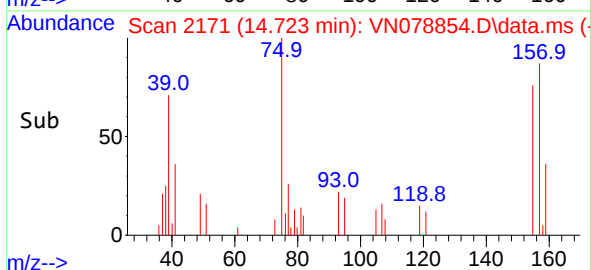
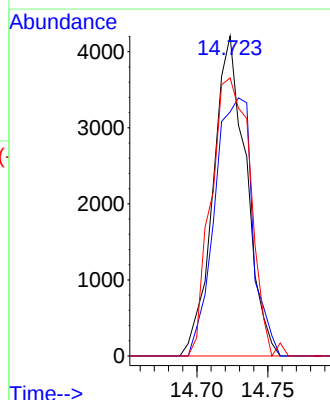
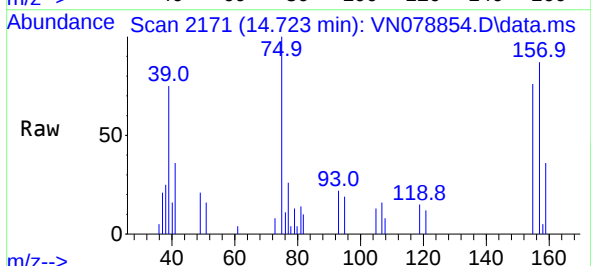
Delta R.T. -0.000 min

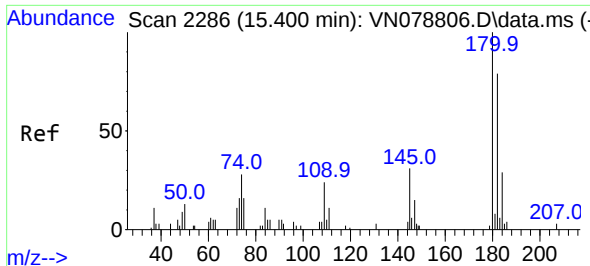
Lab File: VN078854.D

Acq: 11 Aug 2023 09:57

Tgt Ion: 75 Resp: 6789

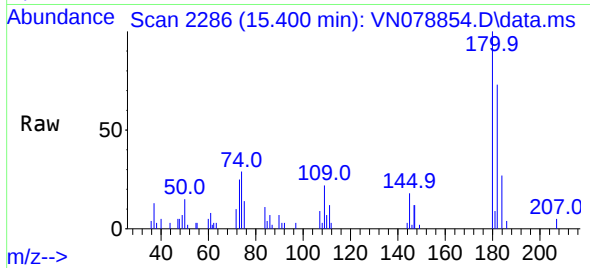
Ion	Ratio	Lower	Upper
75	100		
155	92.7	68.2	102.2
157	102.1	84.7	127.1





#89
1,2,4-Trichlorobenzene
Concen: 14.626 ug/l m
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

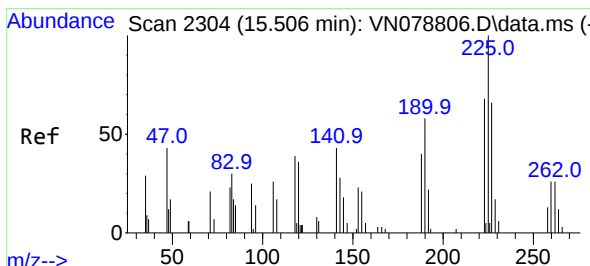
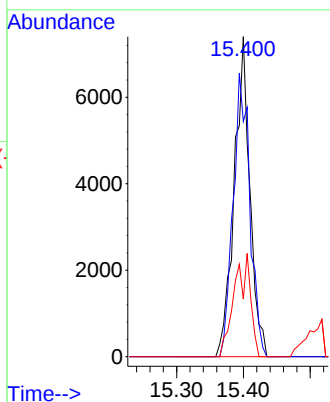
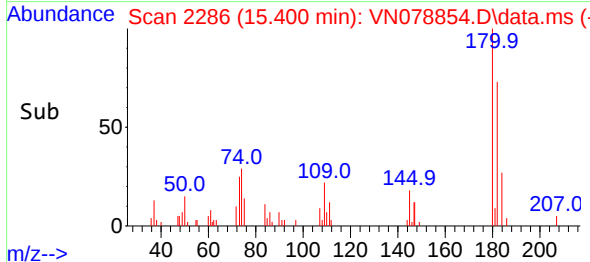
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



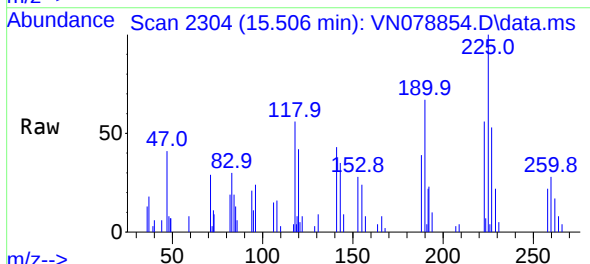
Tgt Ion:180 Resp: 12060
Ion Ratio Lower Upper
180 100
182 119.4 73.7 110.5
145 41.9 25.0 37.6

Manual Integrations
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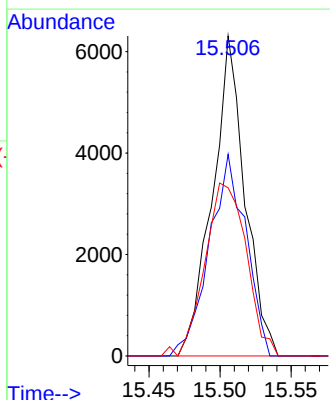
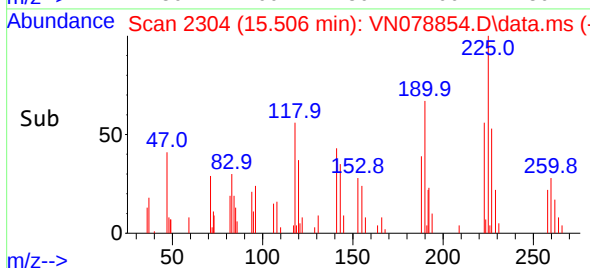
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

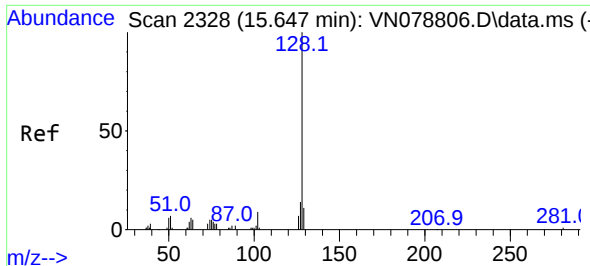


#90
Hexachlorobutadiene
Concen: 16.566 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



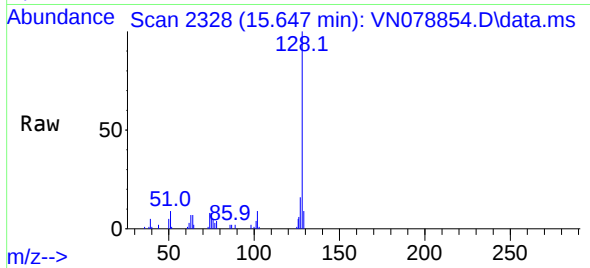
Tgt Ion:225 Resp: 10057
Ion Ratio Lower Upper
225 100
223 70.6 0.0 130.0
227 68.2 0.0 124.0





#91
Naphthalene
Concen: 13.717 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57

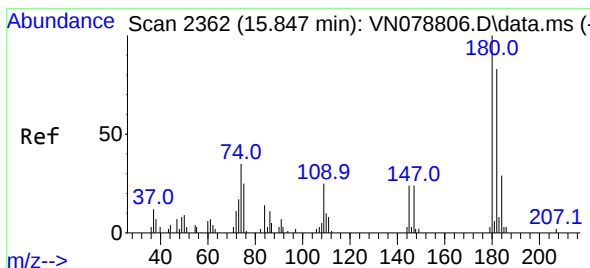
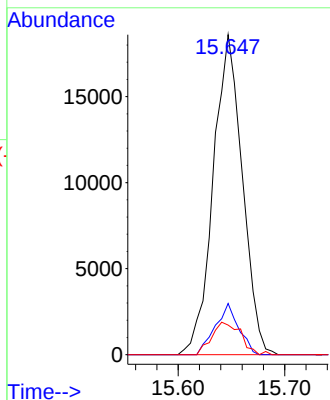
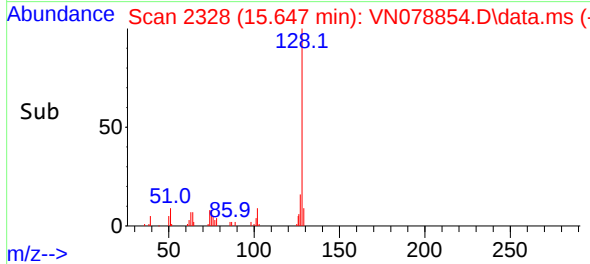
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01



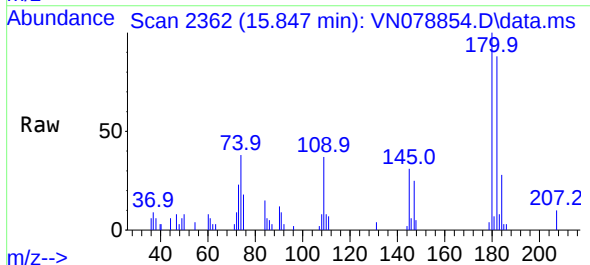
Tgt Ion:128 Resp: 35368
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.0 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.110 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078854.D
Acq: 11 Aug 2023 09:57



Tgt Ion:180 Resp: 14613
Ion Ratio Lower Upper
180 100
182 99.5 0.0 196.4
145 34.6 0.0 71.0

