

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080256.D
 Acq On : 24 Nov 2023 12:20
 Operator : JC\MD
 Sample : VN1124WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2023
 Supervised By : Mahesh Dadoda 11/27/2023

Quant Time: Nov 27 04:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	49425	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	274075	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	249067	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	137649	33.178	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.600%#			
60) 4-Bromofluorobenzene	12.847	95	128514	32.266	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 107.567%			
63) Toluene-d8	10.571	98	353497	29.954	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.833%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	82915	25.729	ug/l	97
3) Chloromethane	2.359	50	58011	14.289	ug/l	95
4) Vinyl Chloride	2.512	62	65675	19.359	ug/l	93
5) Bromomethane	2.953	94	43698	23.525	ug/l	88
6) Chloroethane	3.118	64	43898	22.278	ug/l	99
7) Trichlorofluoromethane	3.500	101	143336	28.152	ug/l	96
8) Diethyl Ether	3.965	74	41512	22.712	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	66072	22.970	ug/l	92
10) 1,1-Dichloroethene	4.347	96	60907	23.935	ug/l	91
11) Methyl Iodide	4.589	142	80452	23.903	ug/l	91
12) Methyl Acetate	5.024	43	108668	16.471	ug/l #	82
13) Acrolein	4.183	56	53921	96.736	ug/l	97
14) Acrylonitrile	5.712	53	138005	88.069	ug/l	98
15) Acetone	4.424	58	44292	83.710	ug/l	94
16) Carbon Disulfide	4.712	76	167564	19.284	ug/l	100
17) Allyl chloride	5.030	41	73852	16.609	ug/l	88
18) Methylene Chloride	5.277	84	73037	21.403	ug/l #	81
19) trans-1,2-Dichloroethene	5.789	96	66228	20.997	ug/l	94
20) Diisopropyl ether	6.671	45	179004	17.227	ug/l #	93
21) 1,1-Dichloroethane	6.565	63	123536	19.917	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	76175	20.811	ug/l	96
23) tert-Butyl Alcohol	5.518	59	49623	117.322	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	225954	24.116	ug/l	98
25) Chloroform	7.971	83	144874	22.627	ug/l	99
26) Cyclohexane	8.259	56	86475	17.722	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	98913	21.028	ug/l	100
30) 2-Butanone	7.483	43	172595	76.831	ug/l #	88
31) 2,2-Dichloropropane	7.488	77	127379	25.055	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	139964	26.064	ug/l	97
33) Carbon Tetrachloride	8.365	117	128134	27.148	ug/l	95
34) Benzene	8.606	78	280052	20.042	ug/l	98
35) Methacrylonitrile	7.788	41	39543	16.790	ug/l	96
36) 1,2-Dichloroethane	8.671	62	118679	23.468	ug/l	98
37) Trichloroethene	9.353	130	73541	21.885	ug/l	97
38) Methylcyclohexane	9.600	83	91297	20.671	ug/l	95
39) 1,2-Dichloropropane	9.624	63	66614	18.011	ug/l	95
40) Dibromomethane	9.712	93	51550	21.563	ug/l	93
41) Bromodichloromethane	9.888	83	113634	22.950	ug/l	100
42) Vinyl Acetate	6.606	43	566733m	101.567	ug/l	

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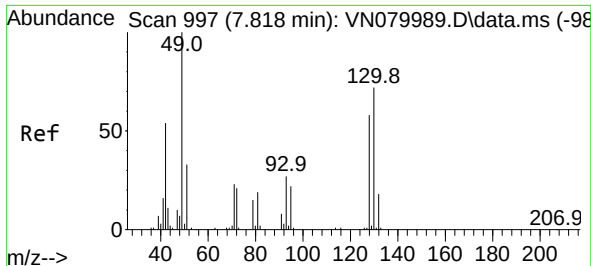
Manual Integrations
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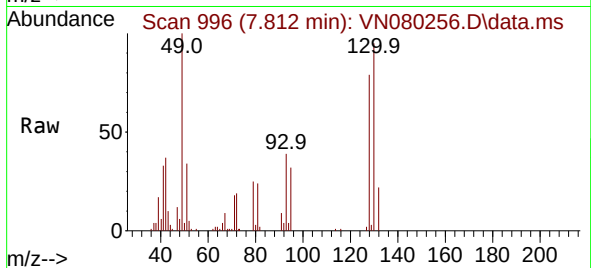
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	74075m	17.553	ug/l	
44) Isopropyl Acetate	8.688	43	118231	17.194	ug/l #	88
45) 1,4-Dioxane	9.694	88	24076	454.340	ug/l	95
46) Methyl methacrylate	9.682	41	56436	17.074	ug/l	89
47) n-amyl Acetate	12.494	43	95257	17.246	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	117471	23.231	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	122028	21.829	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	70646	21.663	ug/l	93
51) Ethyl methacrylate	10.876	69	99869	21.306	ug/l	88
52) 1,3-Dichloropropane	11.165	76	120564	20.679	ug/l	99
53) Dibromochloromethane	11.359	129	84354	24.179	ug/l	99
54) 1,2-Dibromoethane	11.471	107	70511	21.533	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	236233	109.578	ug/l #	95
56) Bromoform	12.576	173	59796	26.156	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	356837	85.756	ug/l #	87
59) 2-Hexanone	11.194	43	268158	84.598	ug/l #	89
61) Tetrachloroethene	11.106	164	76432	26.175	ug/l	96
62) Toluene	10.629	91	312523	21.695	ug/l	97
64) Chlorobenzene	11.894	112	189672	22.064	ug/l	89
65) 1,1,1,2-Tetrachloroethane	11.959	131	79863	25.326	ug/l	94
66) Ethyl Benzene	11.965	91	346390	22.883	ug/l	100
67) m/p-Xylenes	12.070	106	258888	45.937	ug/l	90
68) o-Xylene	12.400	106	126412	23.402	ug/l	95
69) Styrene	12.412	104	212763	23.793	ug/l	95
70) Isopropylbenzene	12.700	105	323069	23.977	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	88831	19.356	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	88396m	20.730	ug/l	
73) Bromobenzene	12.982	156	81422	24.580	ug/l	92
74) n-propylbenzene	13.035	91	367692	22.811	ug/l	97
75) 2-Chlorotoluene	13.129	91	237650	23.195	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	282781	25.374	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	30659	21.958	ug/l	98
78) 4-Chlorotoluene	13.223	91	238700	23.458	ug/l	97
79) tert-butylbenzene	13.441	119	222487	25.491	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	281305	25.741	ug/l	97
81) sec-Butylbenzene	13.617	105	297398	24.139	ug/l	98
82) p-Isopropyltoluene	13.729	119	258514	25.837	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	142315	23.577	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	137655	23.235	ug/l	96
85) n-Butylbenzene	14.059	91	207769	24.828	ug/l	97
86) Hexachloroethane	14.335	117	47203	24.261	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	137540	23.851	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	20278	24.162	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	66699	24.967	ug/l	93
90) Hexachlorobutadiene	15.506	225	43748	33.228	ug/l	99
91) Naphthalene	15.641	128	195157	22.763	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	66699	24.967	ug/l	93

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

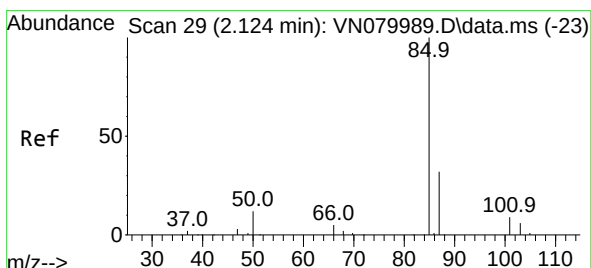
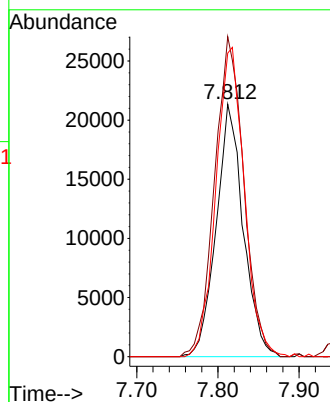
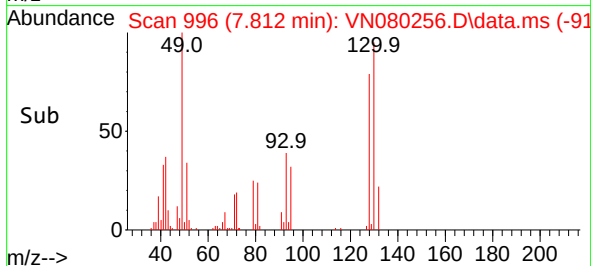
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion:128 Resp: 49425
Ion Ratio Lower Upper
128 100
49 136.8 0.0 468.5
130 128.7 0.0 320.7

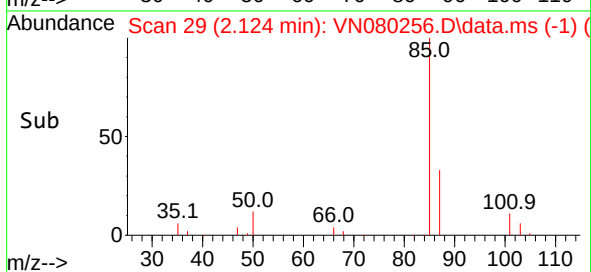
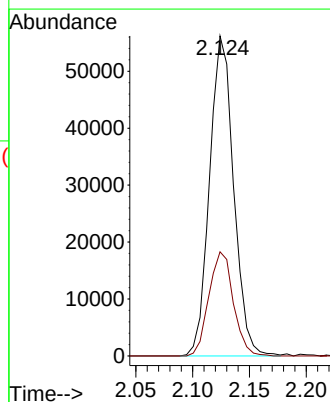
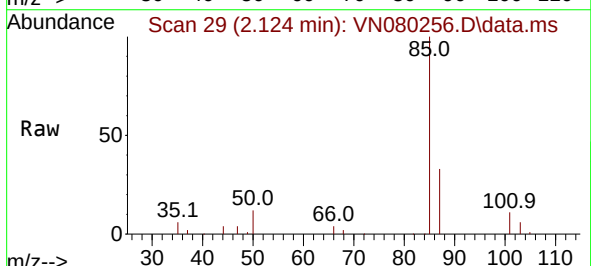
Manual Integrations
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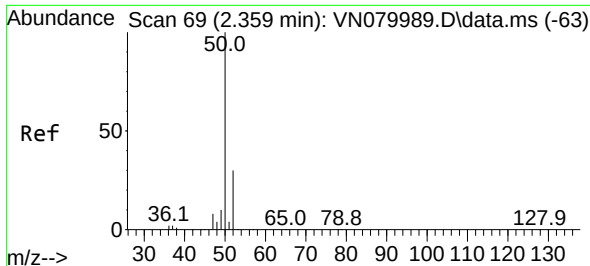
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#2
Dichlorodifluoromethane
Concen: 25.729 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 85 Resp: 82915
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.7





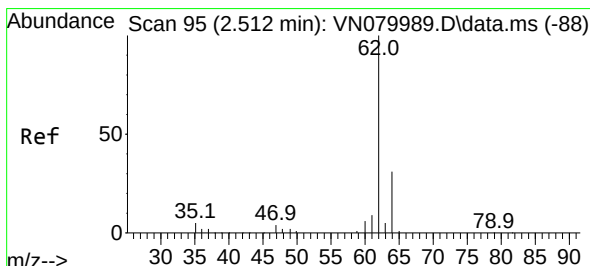
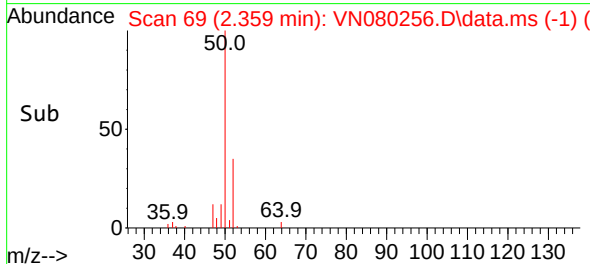
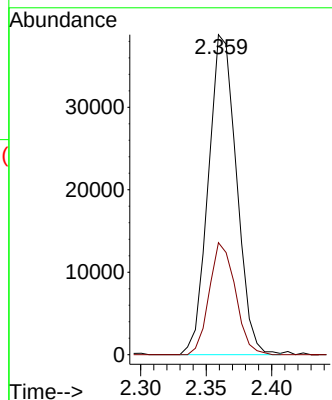
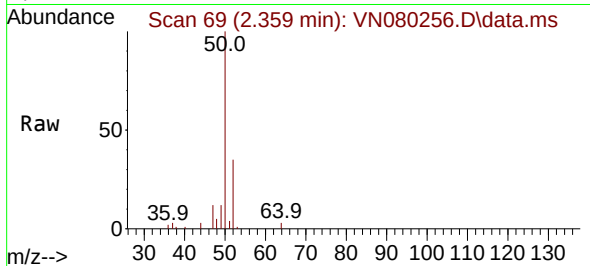
#3
Chloromethane
Concen: 14.289 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 50 Resp: 5801
Ion Ratio Lower Upper
50 100
52 35.0 25.6 38.4

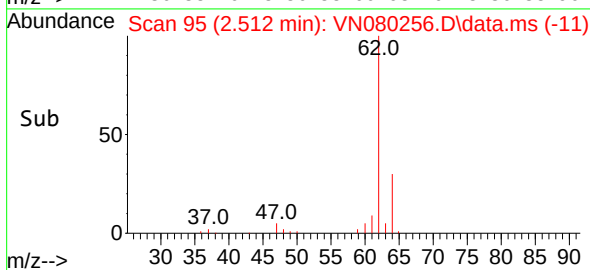
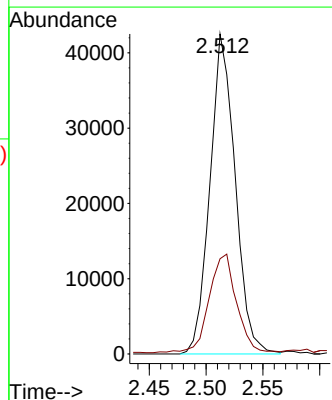
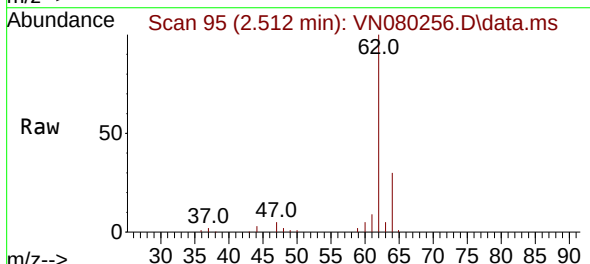
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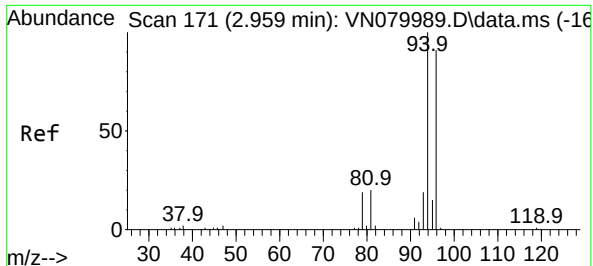
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#4
Vinyl Chloride
Concen: 19.359 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 62 Resp: 65675
Ion Ratio Lower Upper
62 100
64 29.1 26.4 39.6





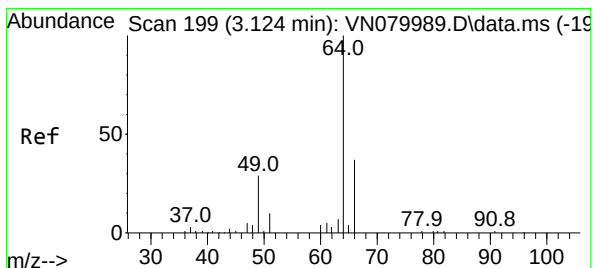
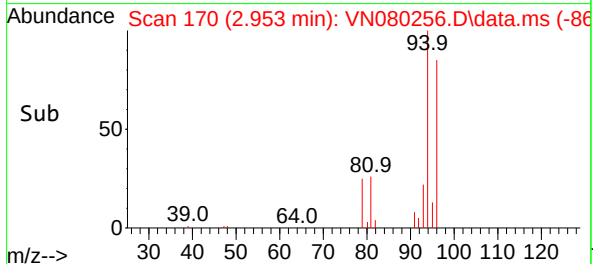
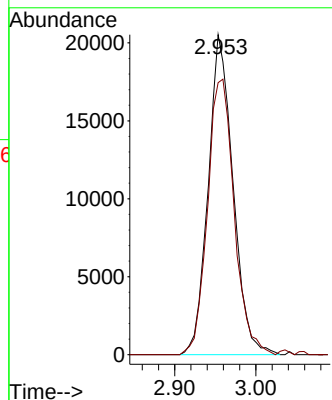
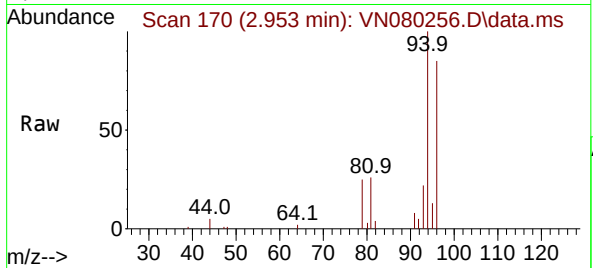
#5
Bromomethane
Concen: 23.525 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 94 Resp: 43698
Ion Ratio Lower Upper
94 100
96 85.0 77.8 116.6

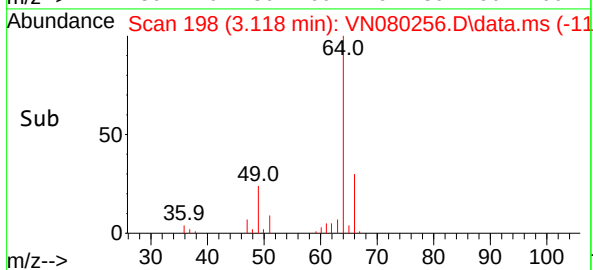
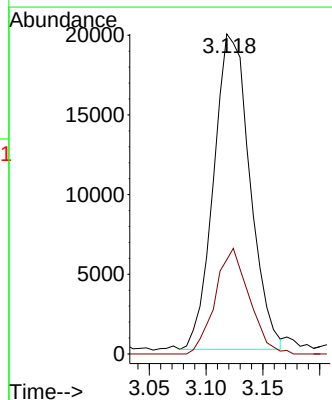
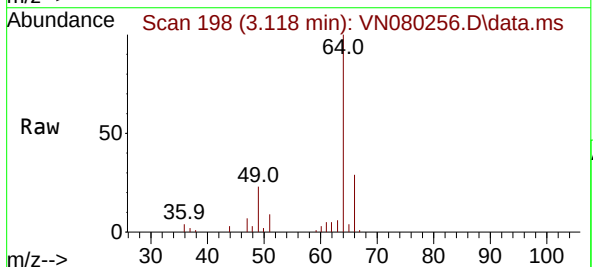
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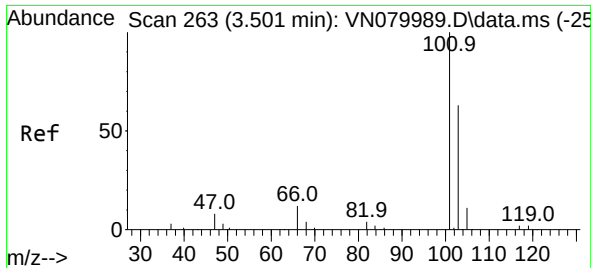
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#6
Chloroethane
Concen: 22.278 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

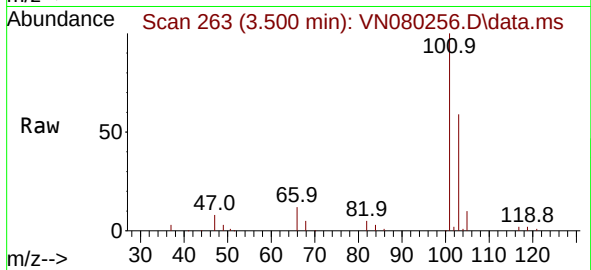
Tgt Ion: 64 Resp: 43898
Ion Ratio Lower Upper
64 100
66 29.9 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 28.152 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN080256.D
 Acq: 24 Nov 2023 12:20

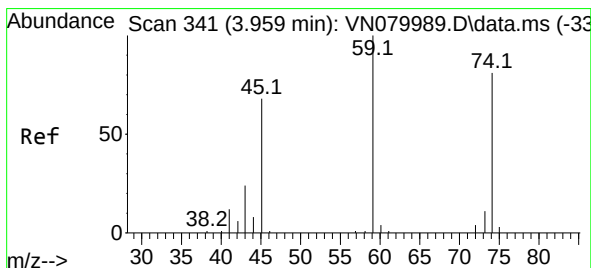
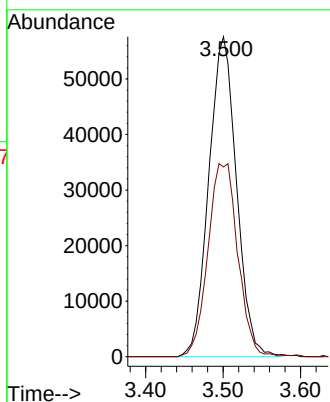
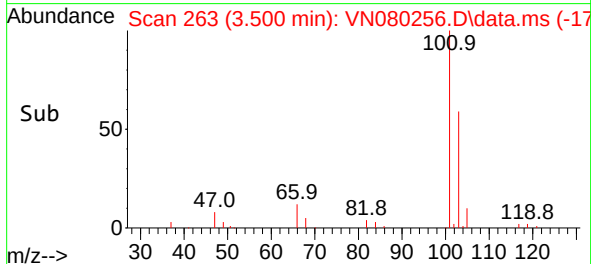
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Tgt Ion:101 Resp: 143336
 Ion Ratio Lower Upper
 101 100
 103 59.3 49.9 74.9

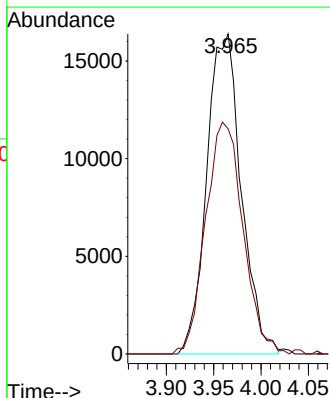
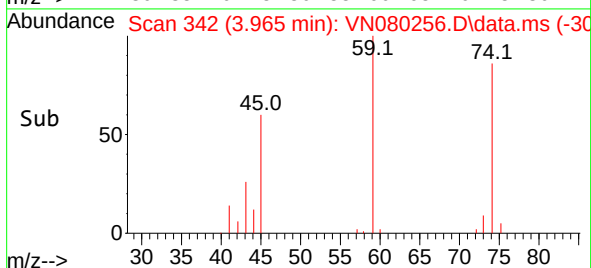
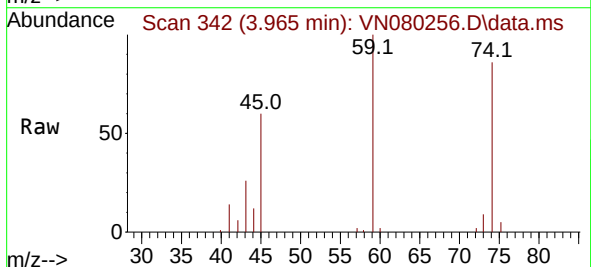
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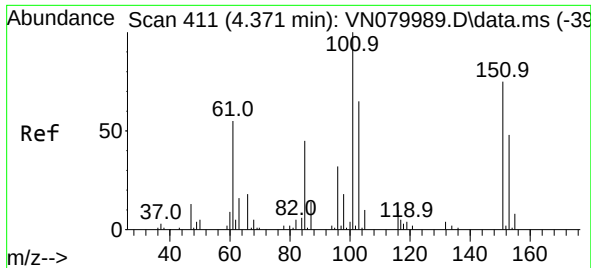
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#8
 Diethyl Ether
 Concen: 22.712 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN080256.D
 Acq: 24 Nov 2023 12:20

Tgt Ion: 74 Resp: 41512
 Ion Ratio Lower Upper
 74 100
 45 78.4 19.0 171.0





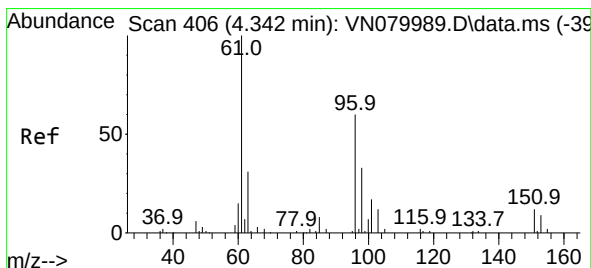
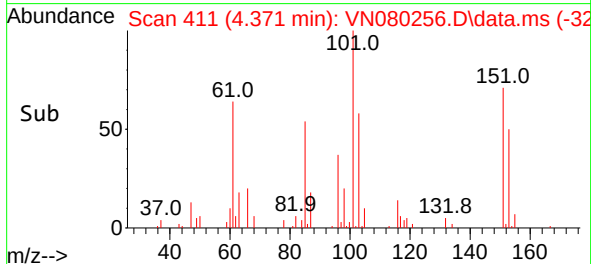
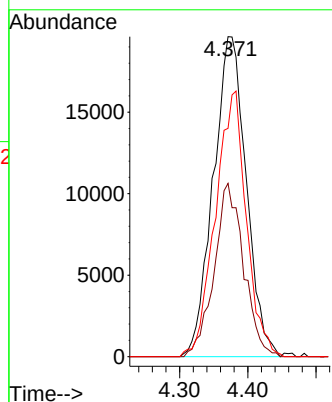
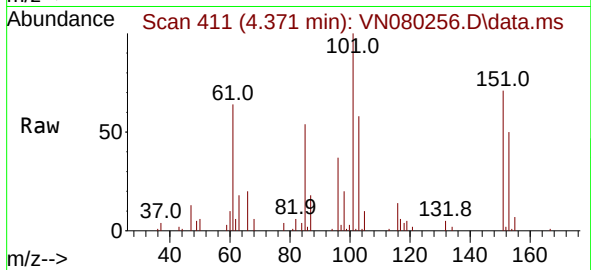
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.970 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion:101 Resp: 66072
Ion Ratio Lower Upper
101 100
85 48.4 0.0 92.0
151 77.8 0.0 138.4

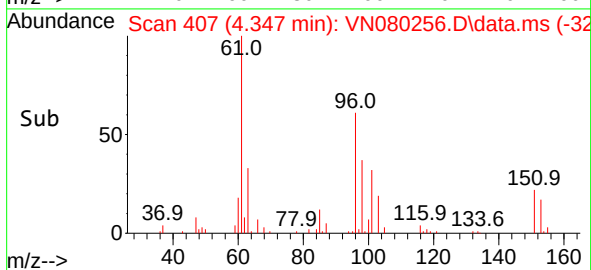
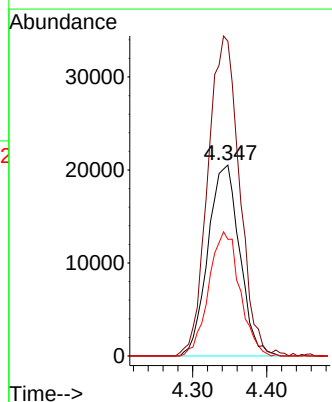
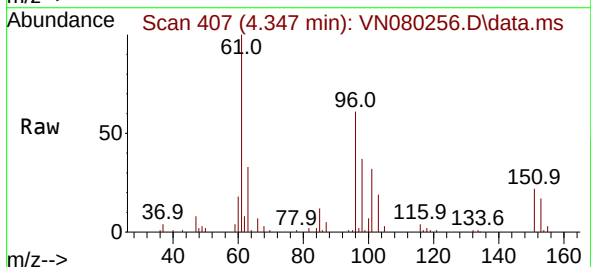
Manual Integrations
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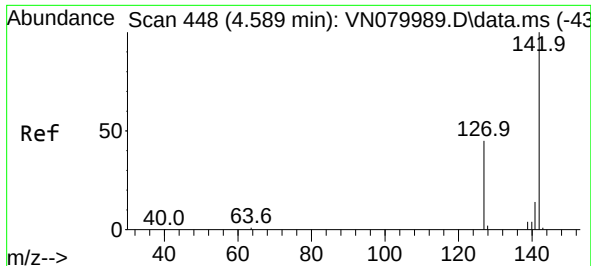
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 23.935 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 96 Resp: 60907
Ion Ratio Lower Upper
96 100
61 163.3 141.3 211.9
98 61.1 53.2 79.8





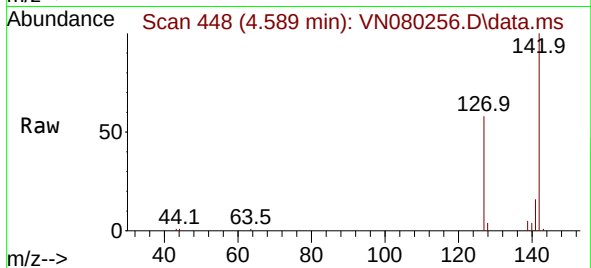
#11
Methyl Iodide
Concen: 23.903 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02



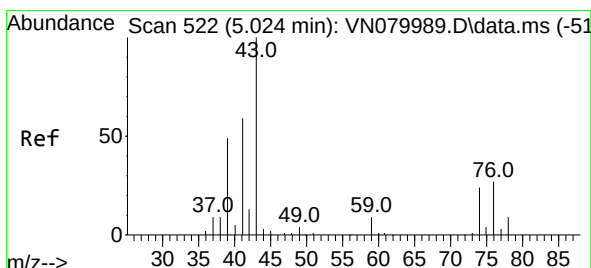
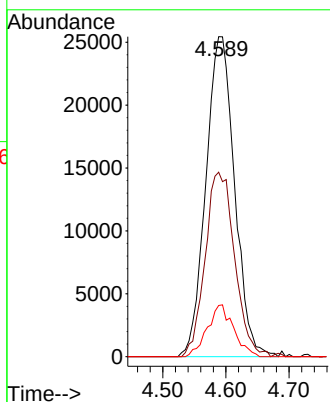
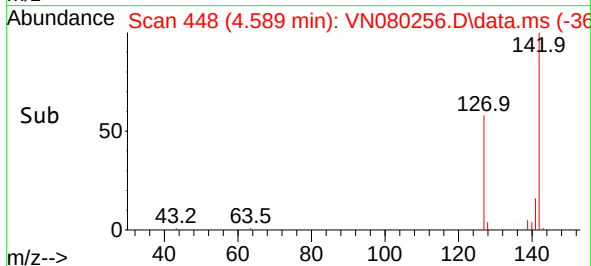
Tgt Ion:142 Resp: 80452
Ion Ratio Lower Upper
142 100
127 57.1 24.6 73.8
141 16.0 7.7 23.1

Manual Integrations

APPROVED

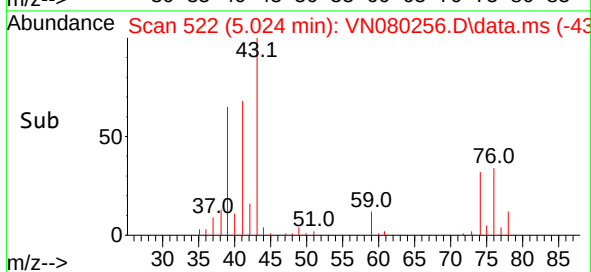
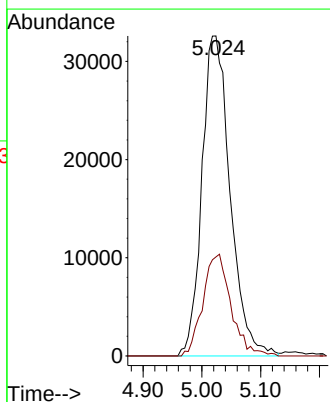
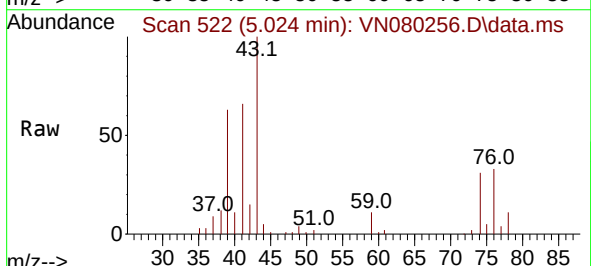
Reviewed By :John Carlone 11/27/2023

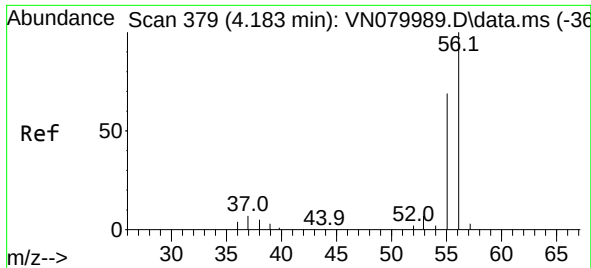
Supervised By :Mahesh Dadoda 11/27/2023



#12
Methyl Acetate
Concen: 16.471 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 43 Resp: 108668
Ion Ratio Lower Upper
43 100
74 31.1 18.1 27.1#





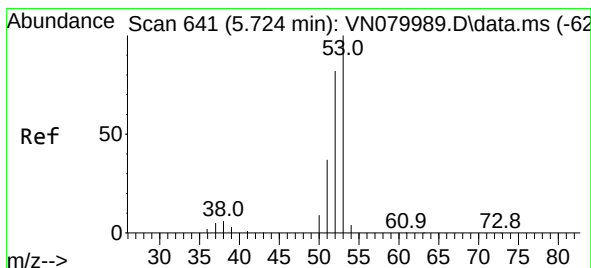
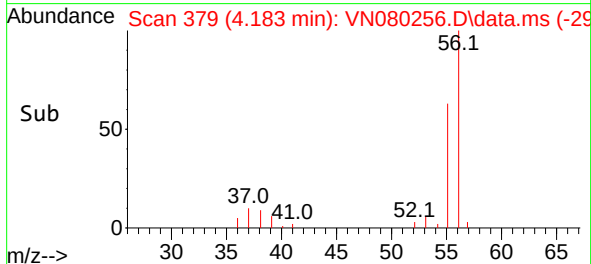
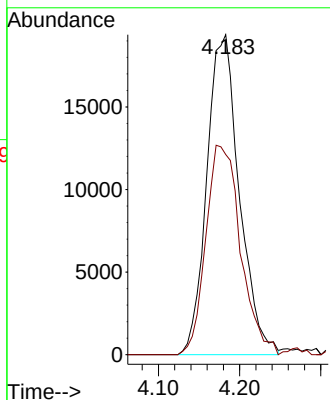
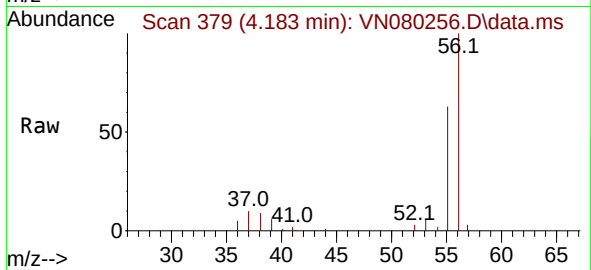
#13
Acrolein
Concen: 96.736 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 56 Resp: 5392
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7

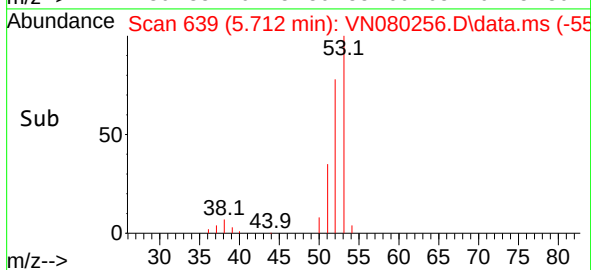
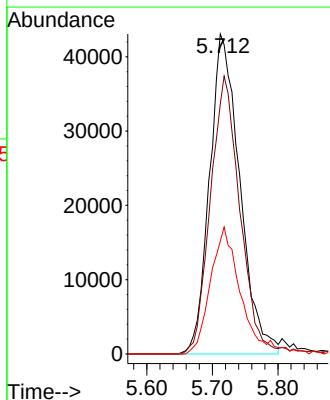
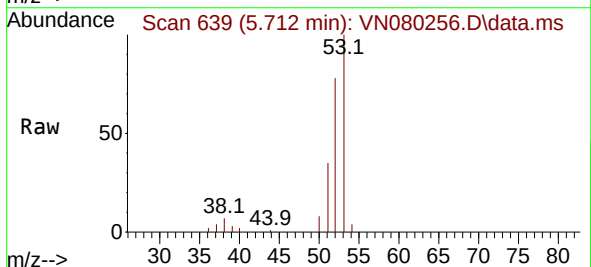
Manual Integrations
APPROVED

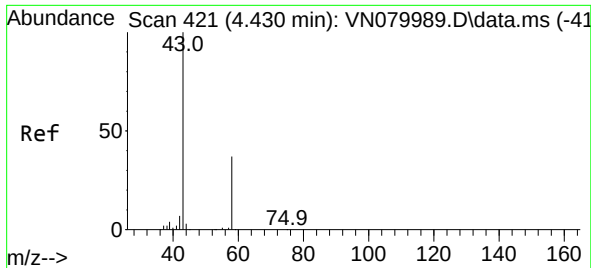
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#14
Acrylonitrile
Concen: 88.069 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.012 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 53 Resp: 138005
Ion Ratio Lower Upper
53 100
52 84.1 41.6 124.9
51 37.9 17.8 53.3





#15

Acetone

Concen: 83.710 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tgt Ion: 58 Resp: 4429

Ion Ratio Lower Upper

58 100

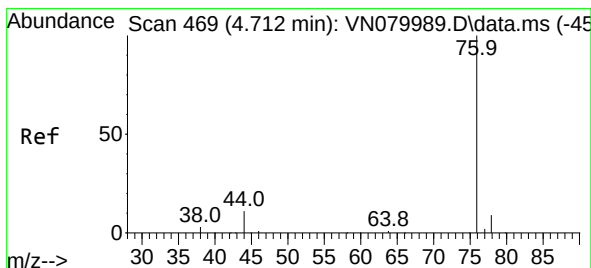
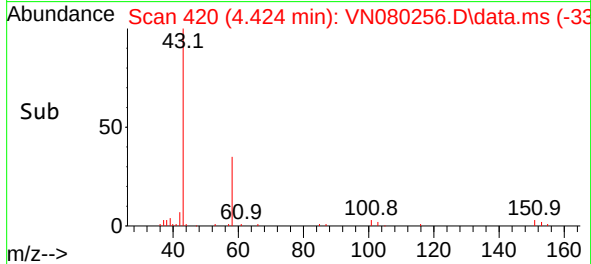
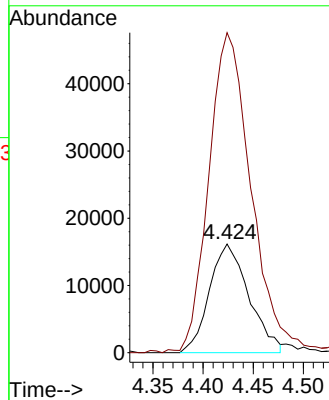
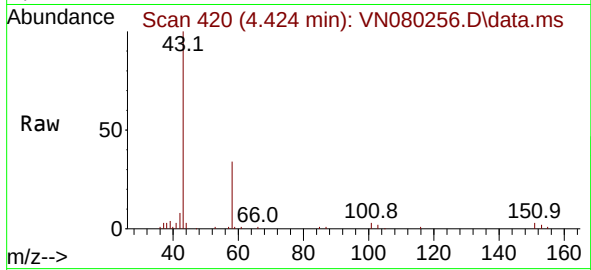
43 292.5 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#16

Carbon Disulfide

Concen: 19.284 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN080256.D

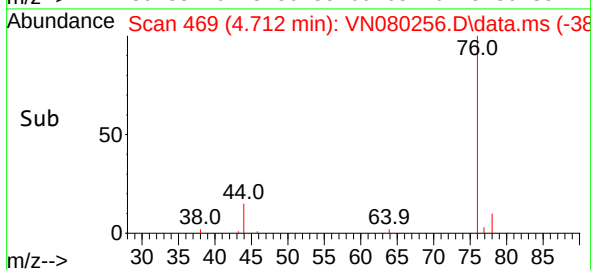
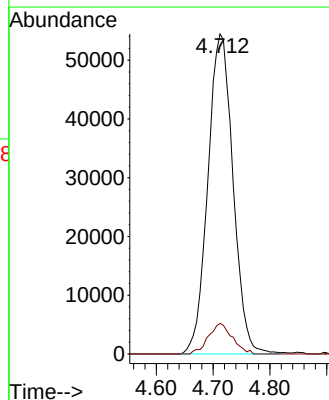
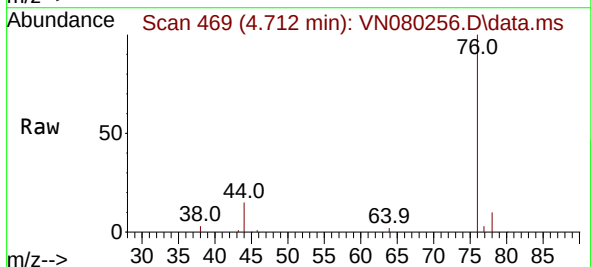
Acq: 24 Nov 2023 12:20

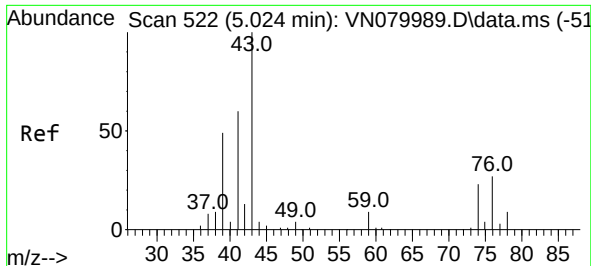
Tgt Ion: 76 Resp: 167564

Ion Ratio Lower Upper

76 100

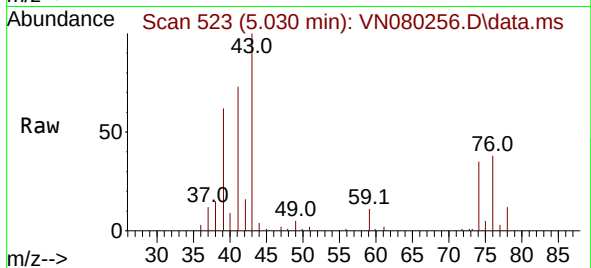
78 9.6 7.5 11.3





#17
 Allyl chloride
 Concen: 16.609 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080256.D
 Acq: 24 Nov 2023 12:20

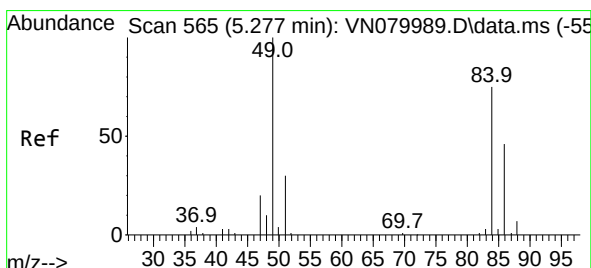
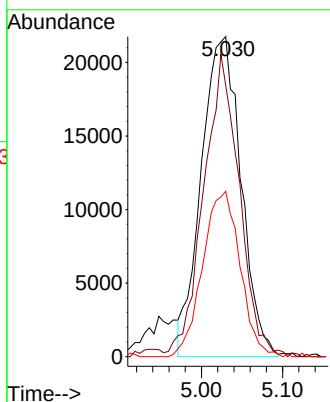
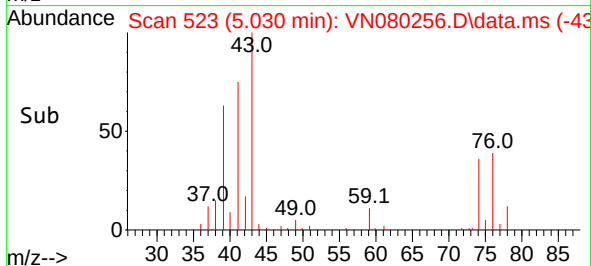
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02



Tgt Ion: 41 Resp: 7385
 Ion Ratio Lower Upper
 41 100
 39 83.4 38.4 115.2
 76 51.3 19.5 58.5

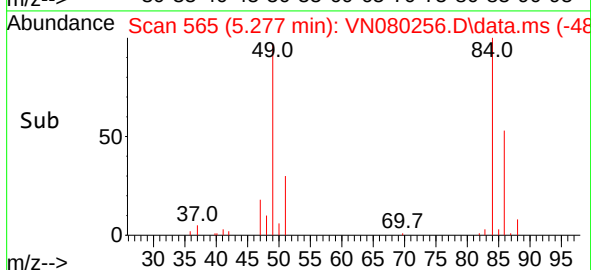
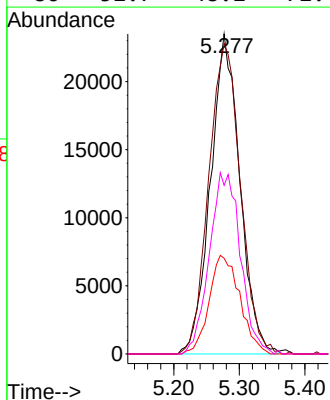
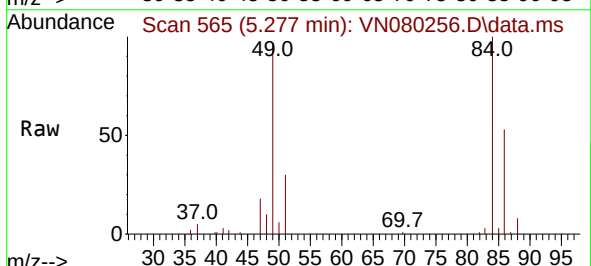
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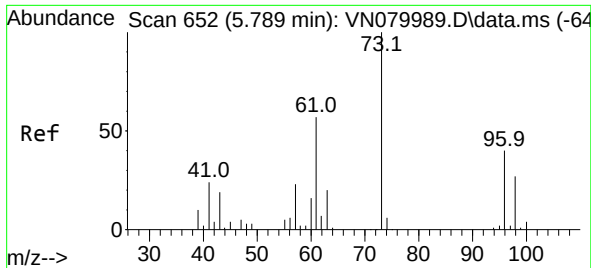
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#18
 Methylene Chloride
 Concen: 21.403 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN080256.D
 Acq: 24 Nov 2023 12:20

Tgt Ion: 84 Resp: 73037
 Ion Ratio Lower Upper
 84 100
 49 97.0 100.9 151.3#
 51 29.9 29.4 44.2
 86 52.7 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 20.997 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tgt Ion: 96 Resp: 66228

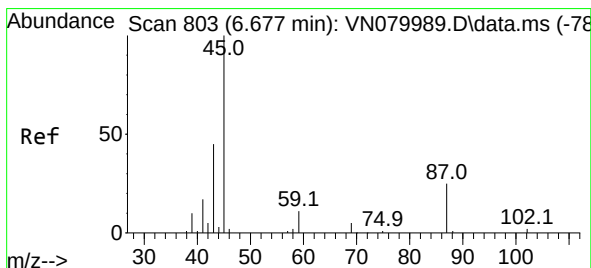
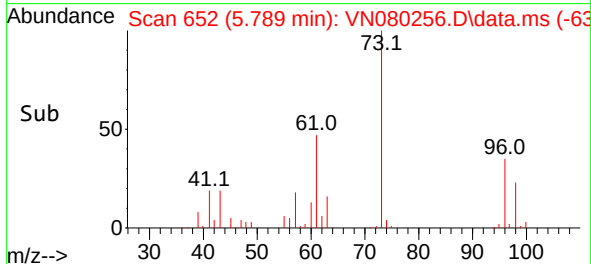
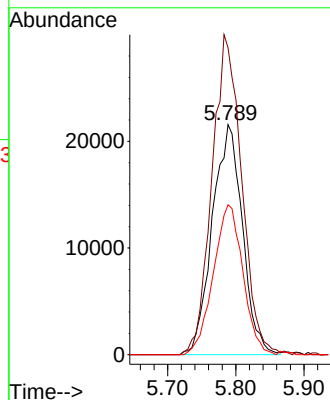
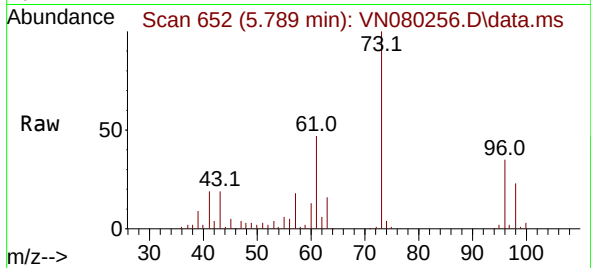
Ion	Ratio	Lower	Upper
96	100		
61	133.4	113.4	170.0
98	65.2	50.4	75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#20

Diisopropyl ether

Concen: 17.227 ug/l

RT: 6.671 min Scan# 802

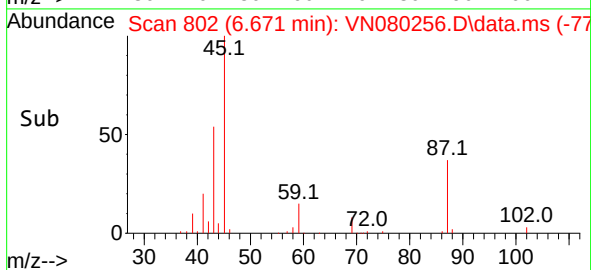
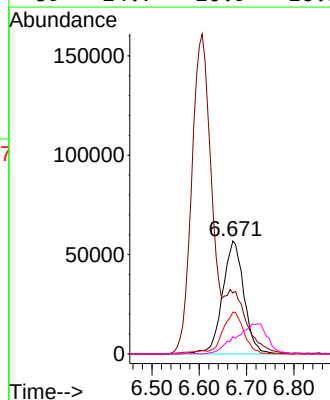
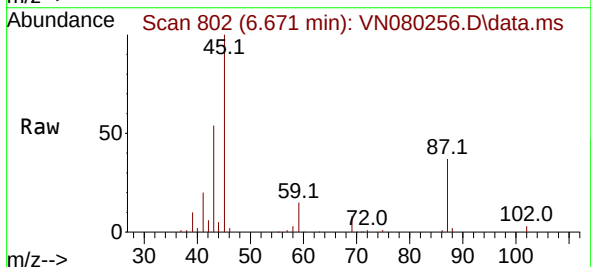
Delta R.T. -0.012 min

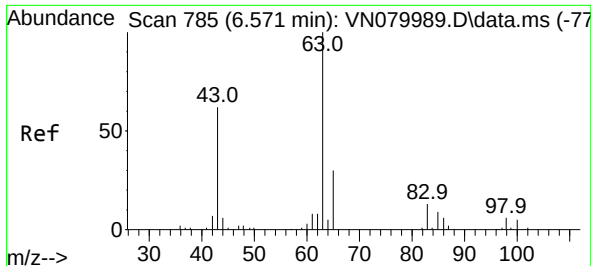
Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

Tgt Ion: 45 Resp: 179004

Ion	Ratio	Lower	Upper
45	100		
43	52.7	42.1	63.1
87	37.0	20.5	30.7#
59	14.7	10.9	16.3





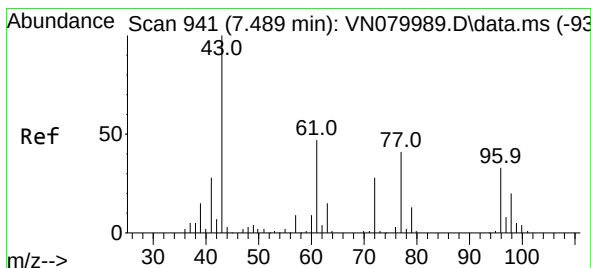
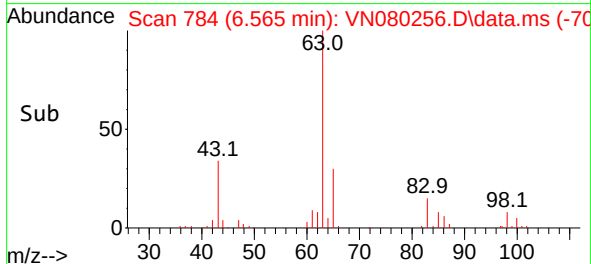
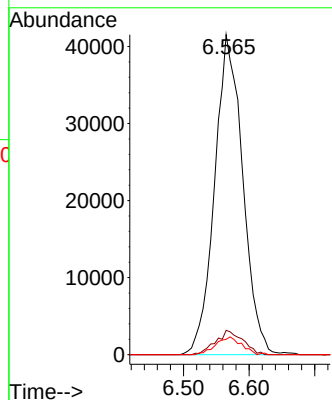
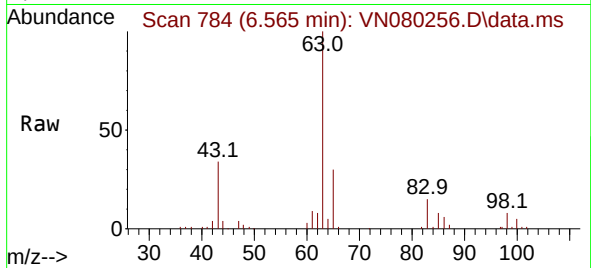
#21
1,1-Dichloroethane
Concen: 19.917 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.012 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 63 Resp: 123530
Ion Ratio Lower Upper
63 100
98 7.6 2.8 8.4
100 4.8 1.9 5.7

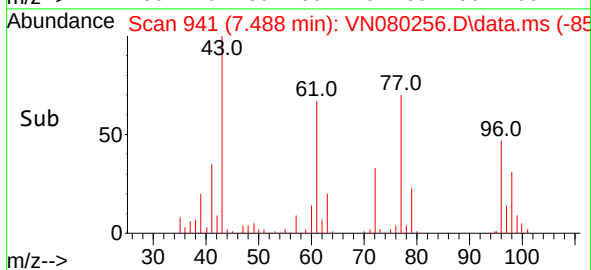
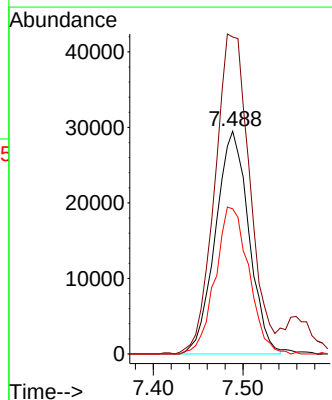
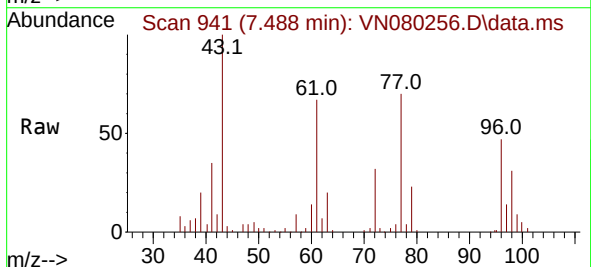
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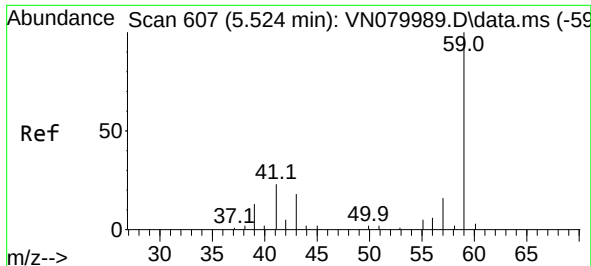
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#22
cis-1,2-Dichloroethene
Concen: 20.811 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

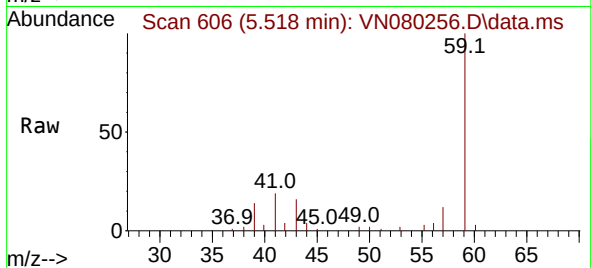
Tgt Ion: 96 Resp: 76175
Ion Ratio Lower Upper
96 100
61 149.9 124.6 186.8
98 66.2 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 117.322 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

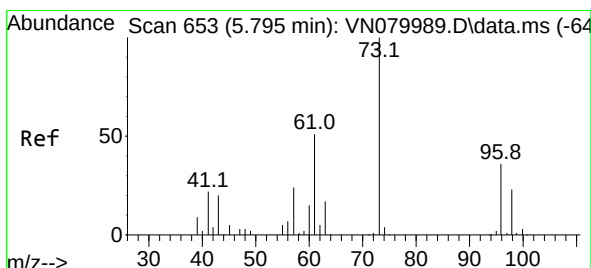
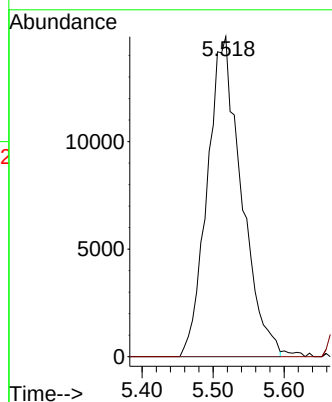
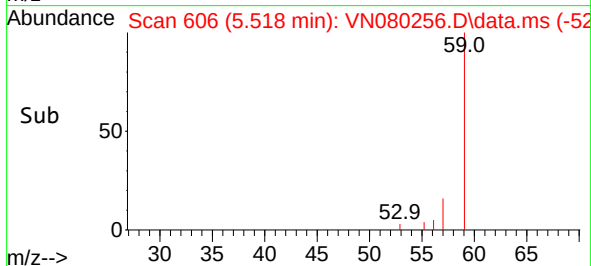
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion: 59 Resp: 4962
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

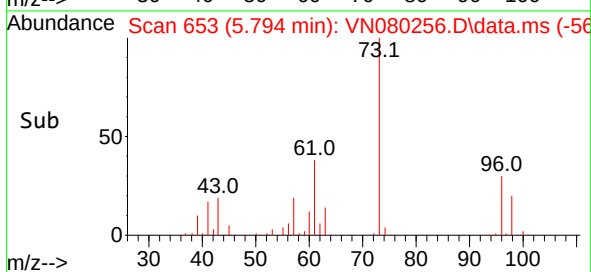
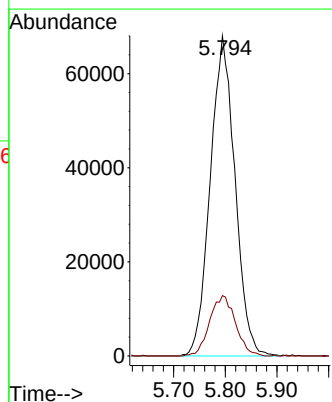
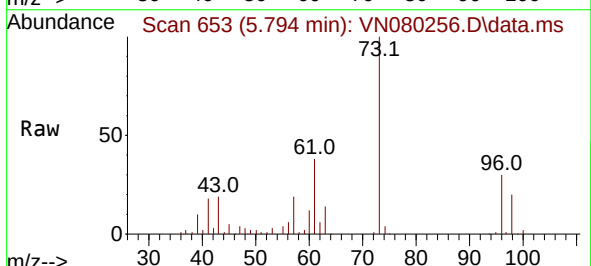
Manual Integrations
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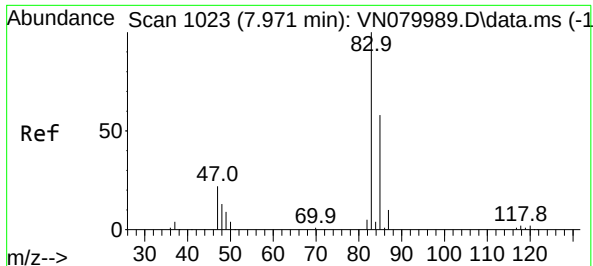
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 24.116 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 73 Resp: 225954
Ion Ratio Lower Upper
73 100
43 19.6 16.6 24.8





#25

Chloroform

Concen: 22.627 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tgt Ion: 83 Resp: 144874

Ion Ratio Lower Upper

83 100

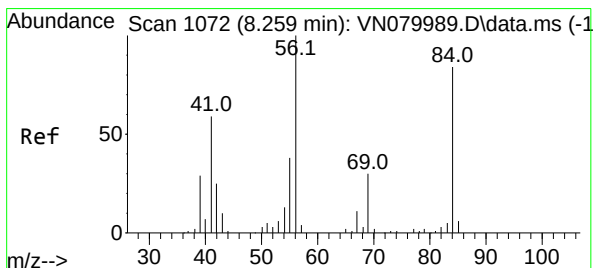
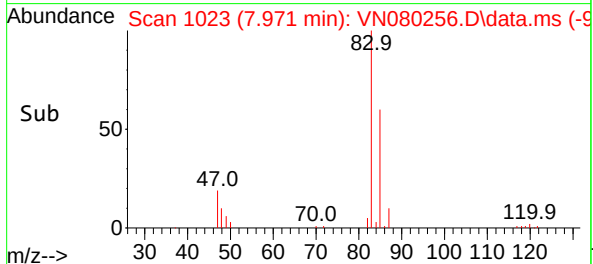
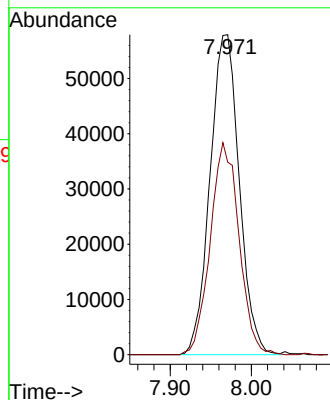
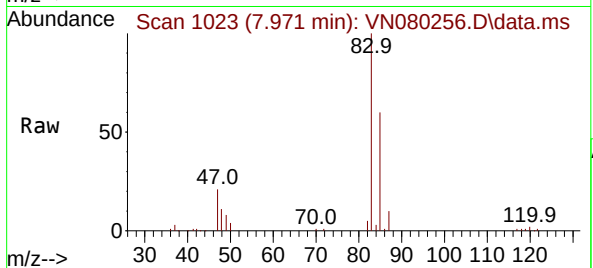
85 60.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#26

Cyclohexane

Concen: 17.722 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

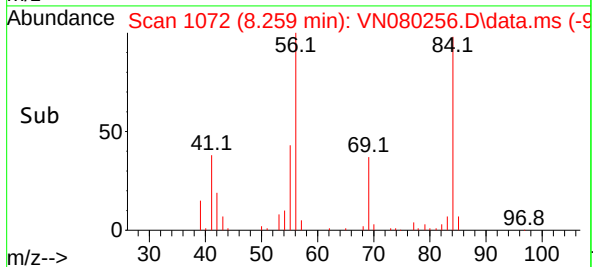
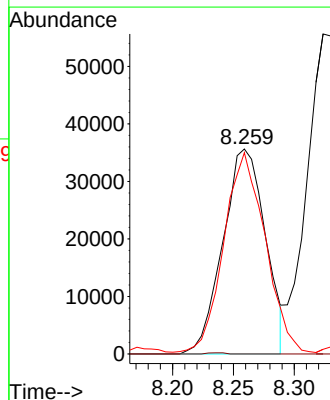
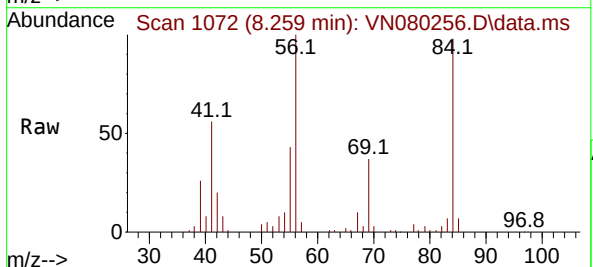
Tgt Ion: 56 Resp: 86475

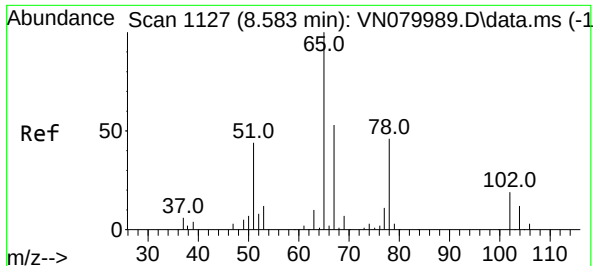
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

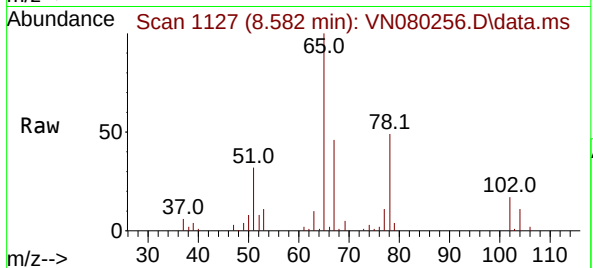
84 96.7 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 33.178 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

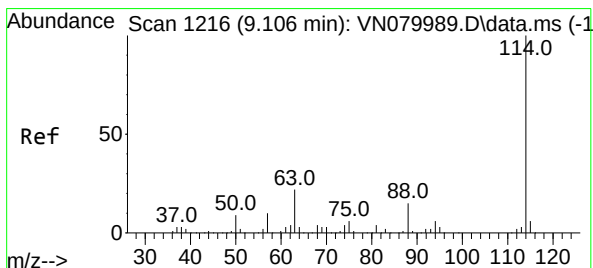
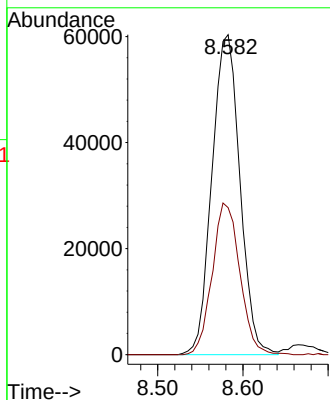
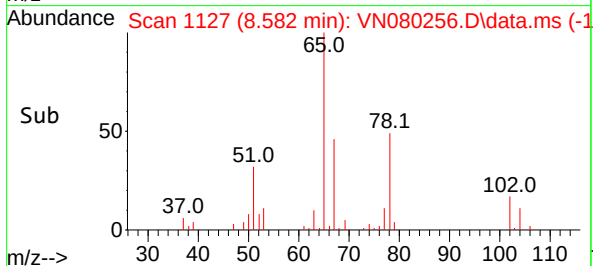
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



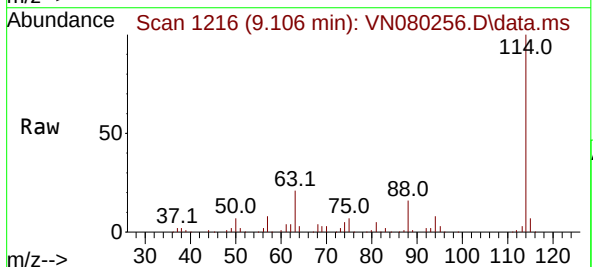
Tgt Ion: 65 Resp: 137649
Ion Ratio Lower Upper
65 100
67 46.7 42.1 63.1

Manual Integrations
APPROVED

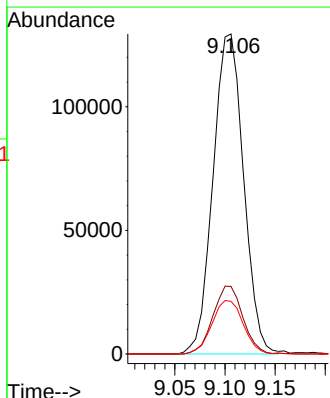
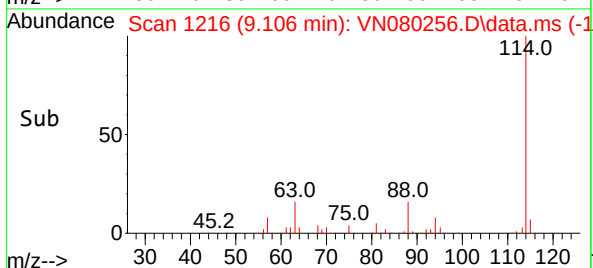
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

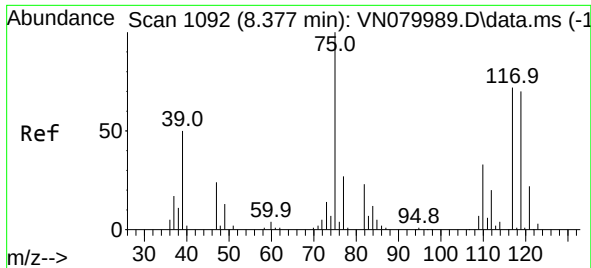


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



Tgt Ion:114 Resp: 274075
Ion Ratio Lower Upper
114 100
63 20.7 18.1 27.1
88 17.2 12.2 18.2





#29
1,1-Dichloropropene
Concen: 21.028 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

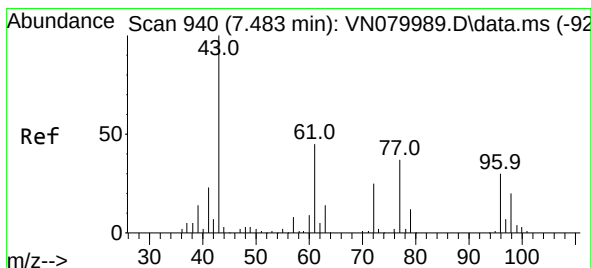
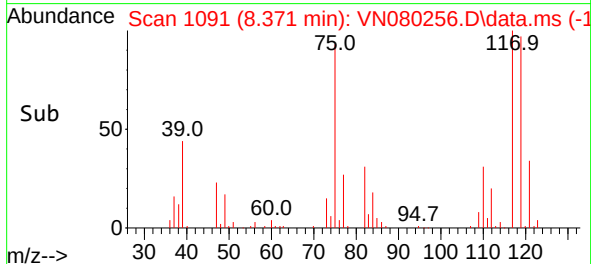
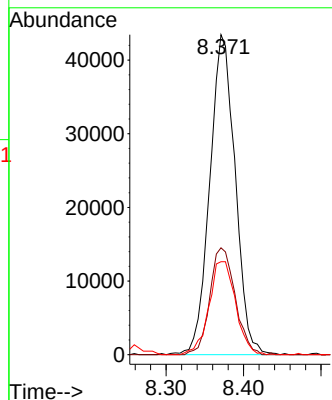
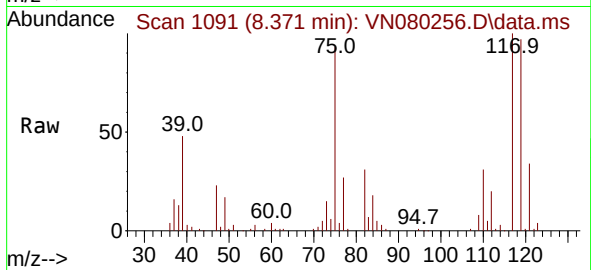
Tgt Ion: 75 Resp: 9891
Ion Ratio Lower Upper
75 100
110 33.3 0.0 66.8
77 30.5 0.0 61.2

Manual Integrations

APPROVED

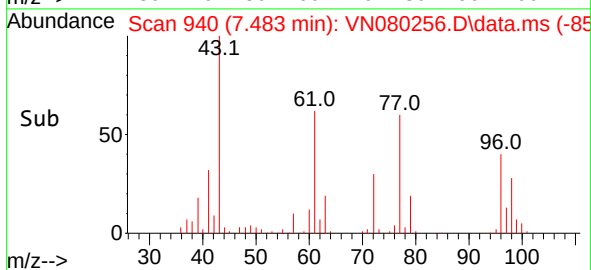
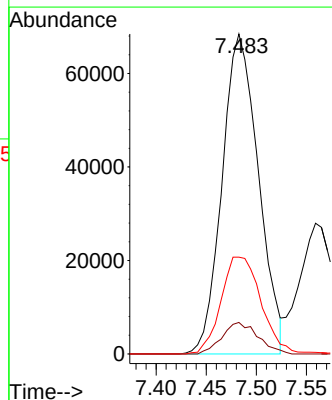
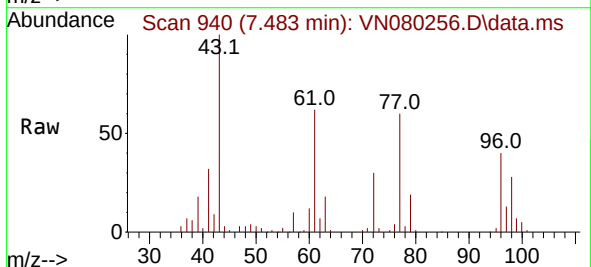
Reviewed By :John Carlone 11/27/2023

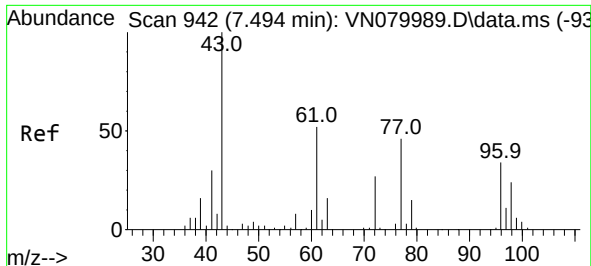
Supervised By :Mahesh Dadoda 11/27/2023



#30
2-Butanone
Concen: 76.831 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

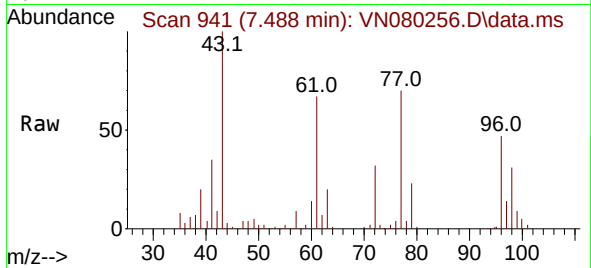
Tgt Ion: 43 Resp: 172595
Ion Ratio Lower Upper
43 100
57 9.8 6.4 9.6#
72 33.2 20.7 31.1#





#31
2,2-Dichloropropane
Concen: 25.055 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

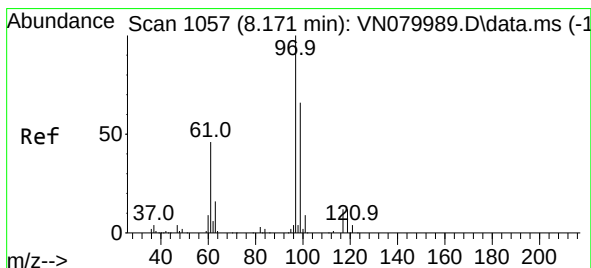
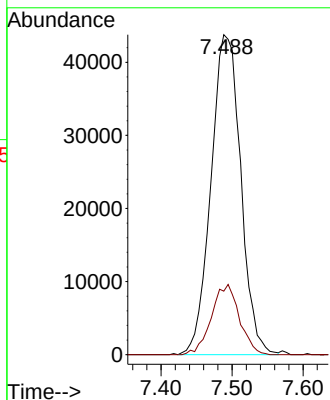
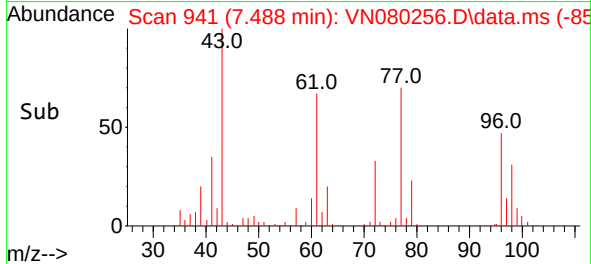
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion: 77 Resp: 127379
Ion Ratio Lower Upper
77 100
97 20.6 17.9 26.9

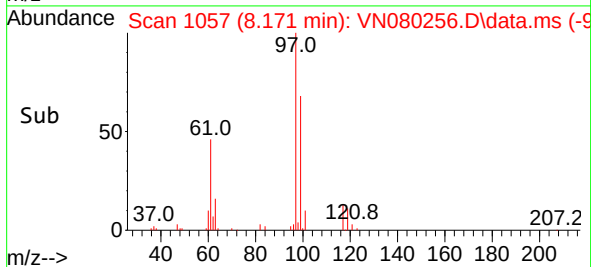
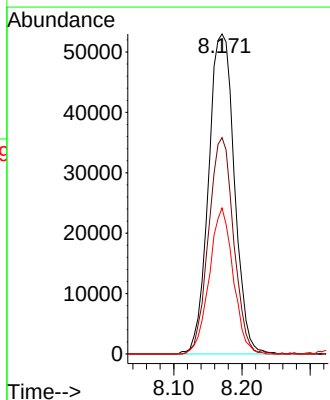
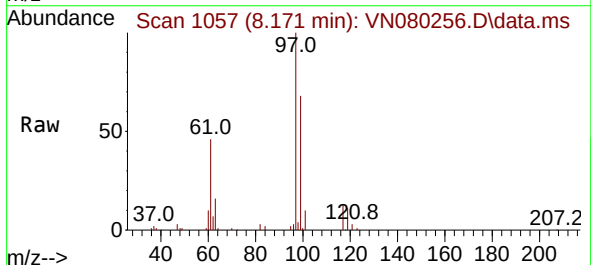
Manual Integrations
APPROVED

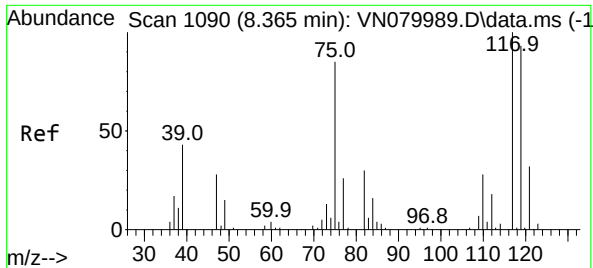
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 26.064 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

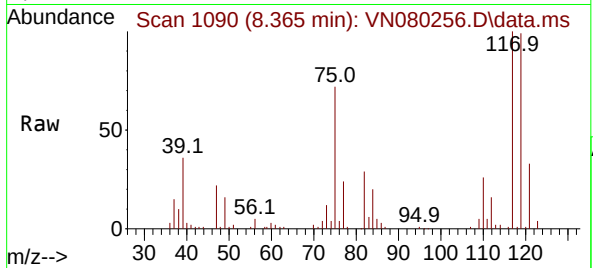
Tgt Ion: 97 Resp: 139964
Ion Ratio Lower Upper
97 100
99 65.1 51.9 77.9
61 42.2 37.6 56.4





#33
Carbon Tetrachloride
Concen: 27.148 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

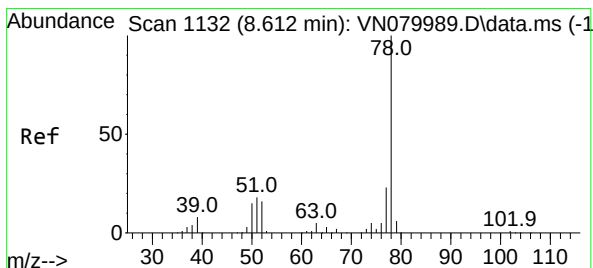
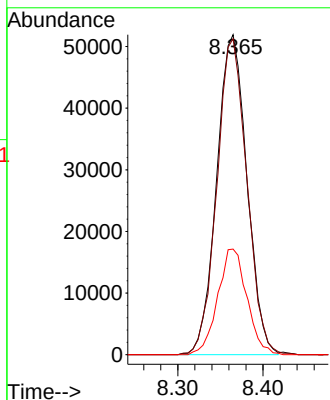
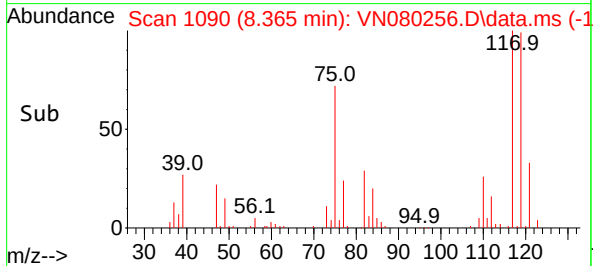
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion:117 Resp: 128134
Ion Ratio Lower Upper
117 100
119 98.8 75.0 112.6
121 33.0 24.3 36.5

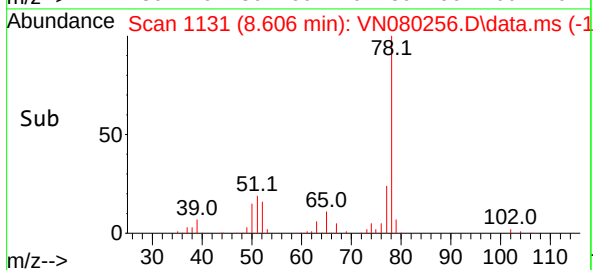
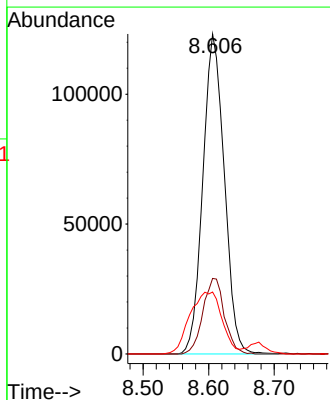
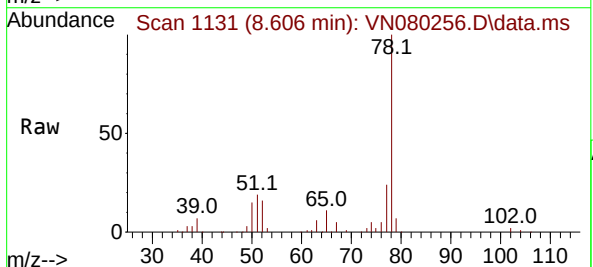
Manual Integrations
APPROVED

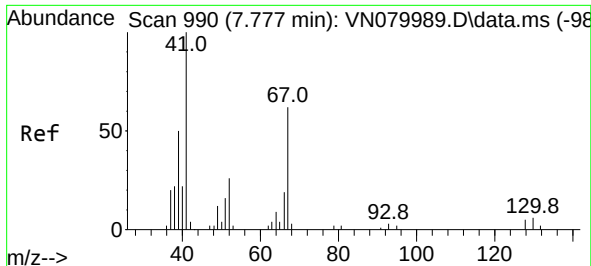
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 20.042 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 78 Resp: 280052
Ion Ratio Lower Upper
78 100
77 23.6 19.7 29.5
51 18.9 15.8 23.6





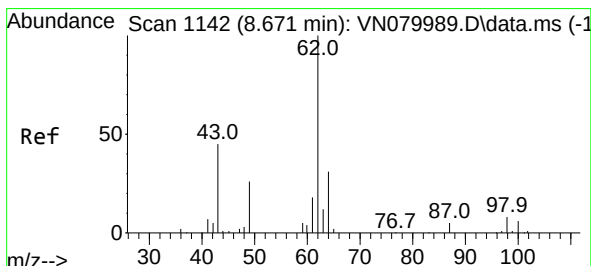
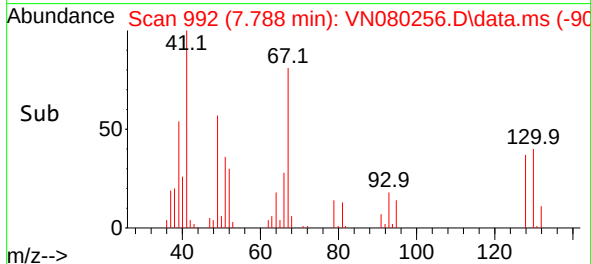
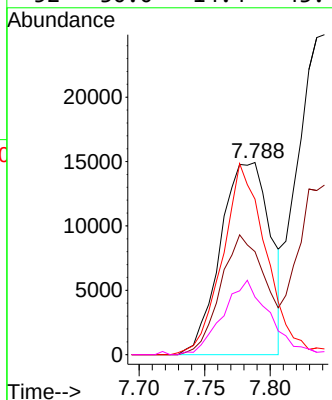
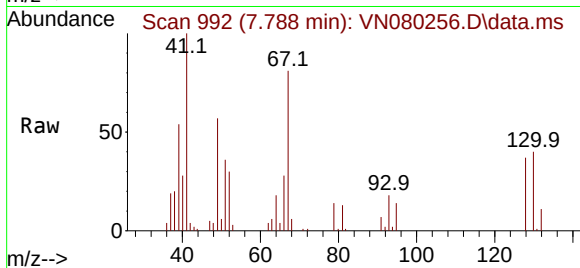
#35
Methacrylonitrile
Concen: 16.790 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 41 Resp: 3954
Ion Ratio Lower Upper
41 100
39 53.6 26.3 78.8
67 79.9 37.5 112.3
52 30.0 14.4 43.4

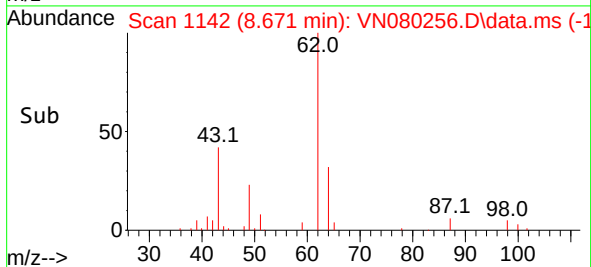
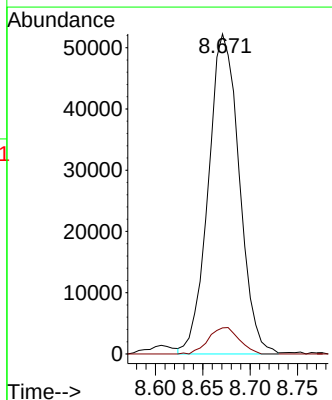
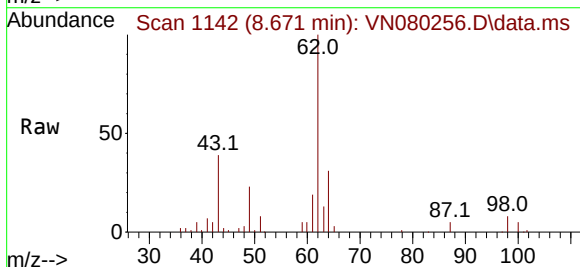
Manual Integrations
APPROVED

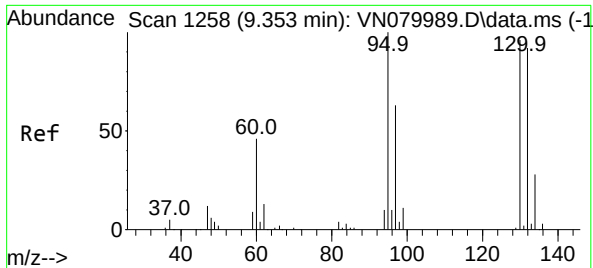
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 23.468 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

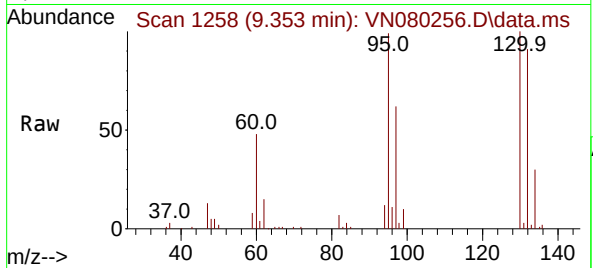
Tgt Ion: 62 Resp: 118679
Ion Ratio Lower Upper
62 100
98 8.1 7.2 10.8





#37
Trichloroethene
Concen: 21.885 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

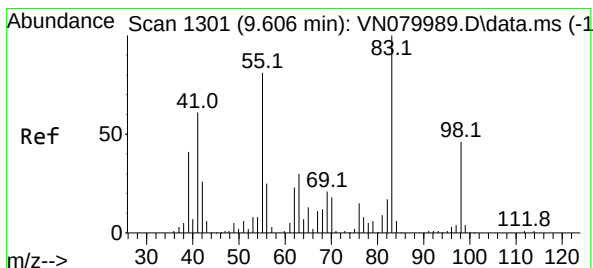
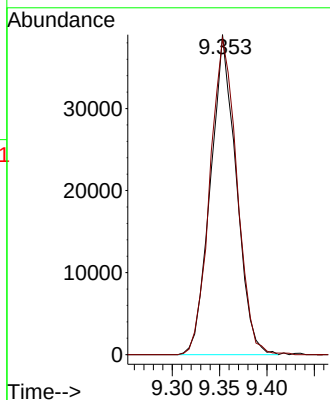
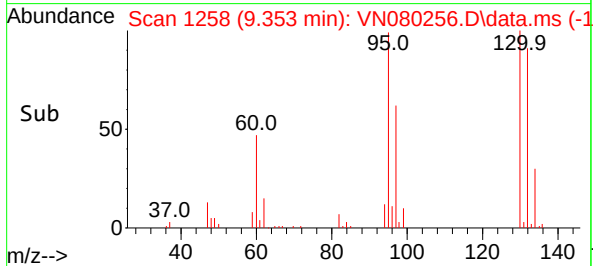
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



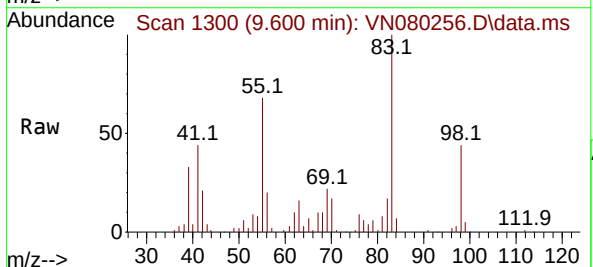
Tgt Ion:130 Resp: 7354
Ion Ratio Lower Upper
130 100
95 98.8 81.2 121.8

Manual Integrations
APPROVED

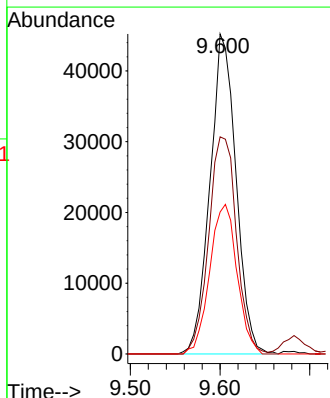
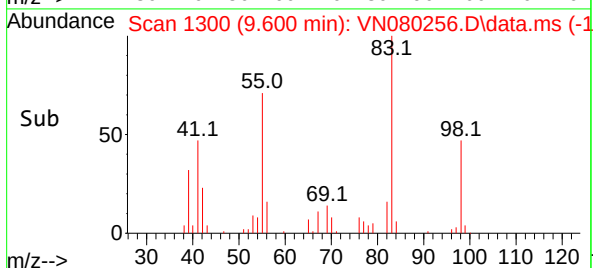
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

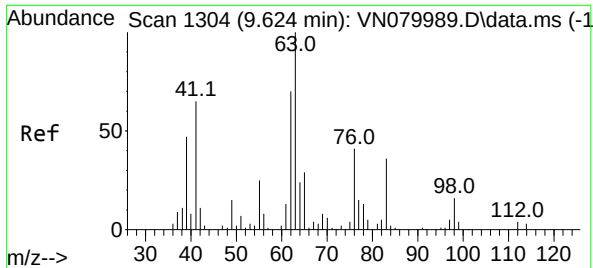


#38
Methylcyclohexane
Concen: 20.671 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



Tgt Ion: 83 Resp: 91297
Ion Ratio Lower Upper
83 100
55 72.4 39.7 119.1
98 49.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 18.011 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tgt Ion: 63 Resp: 66614

Ion Ratio Lower Upper

63 100

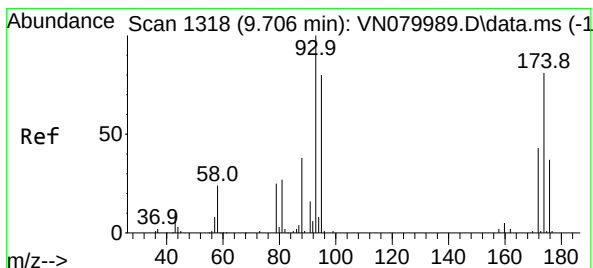
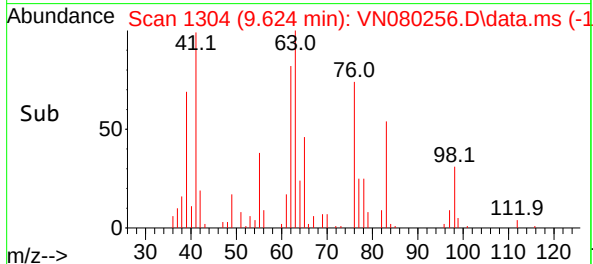
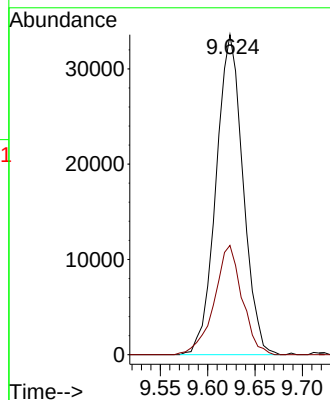
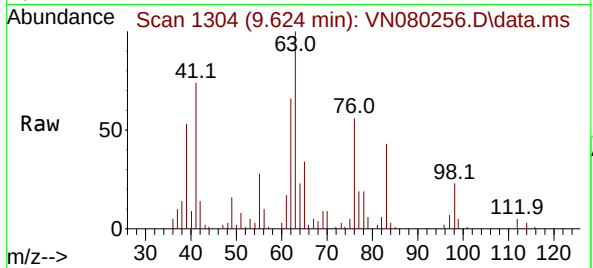
65 34.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 21.563 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

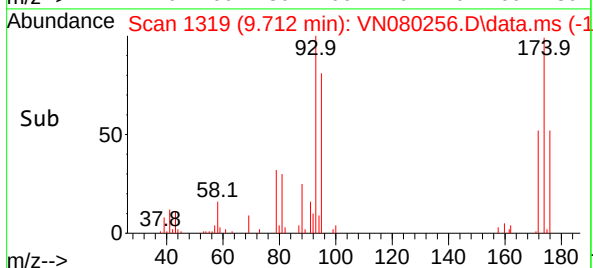
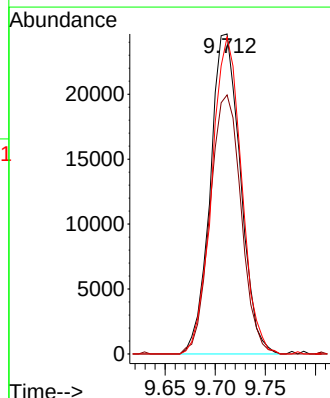
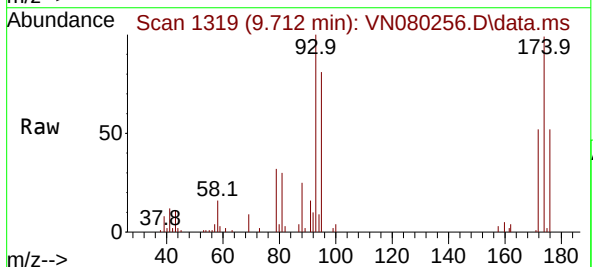
Tgt Ion: 93 Resp: 51550

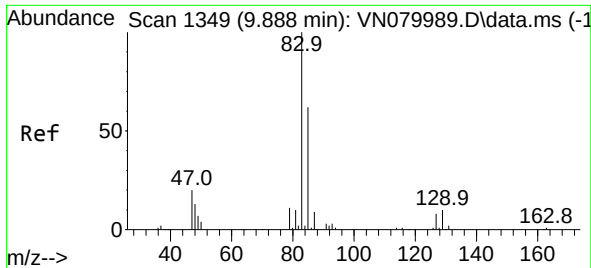
Ion Ratio Lower Upper

93 100

95 83.3 0.0 166.6

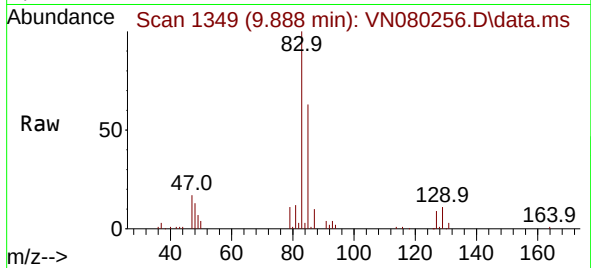
174 97.4 0.0 171.0





#41
Bromodichloromethane
Concen: 22.950 ug/l
RT: 9.888 min Scan# 113634
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

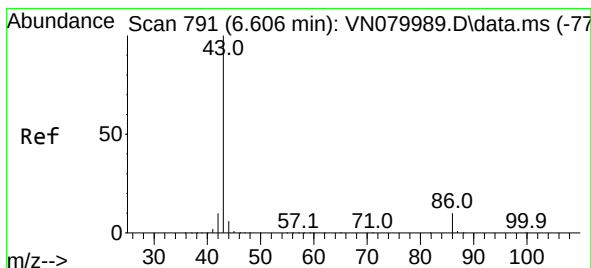
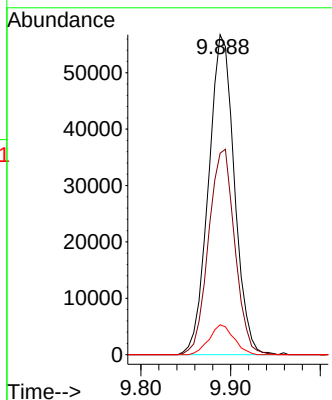
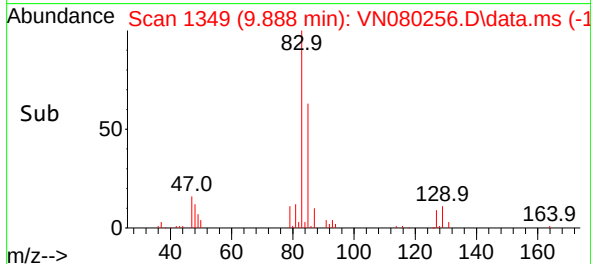
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



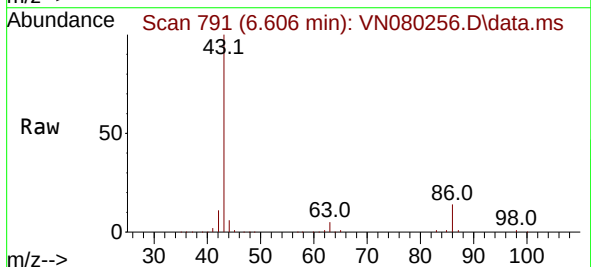
Tgt Ion: 83 Resp: 113634
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5
127 9.3 6.8 10.2

Manual Integrations
APPROVED

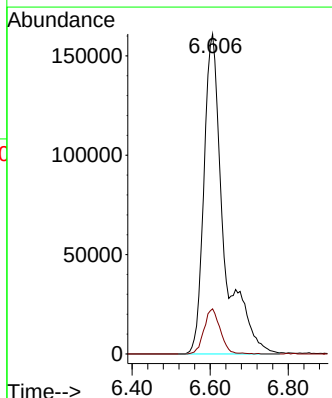
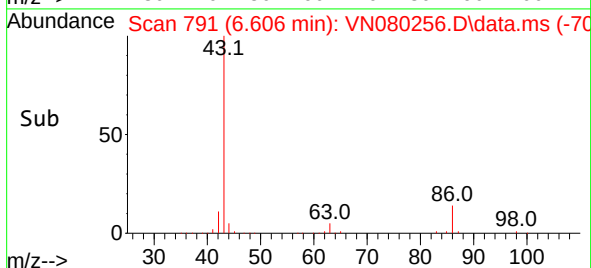
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

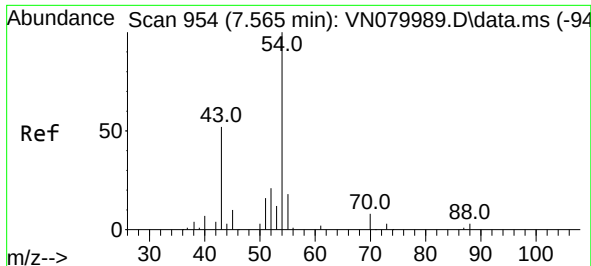


#42
Vinyl Acetate
Concen: 101.567 ug/l m
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



Tgt Ion: 43 Resp: 566733
Ion Ratio Lower Upper
43 100
86 11.5 8.2 12.2





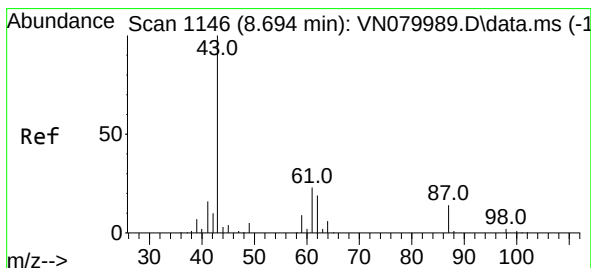
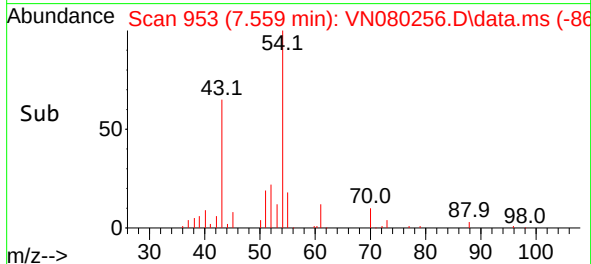
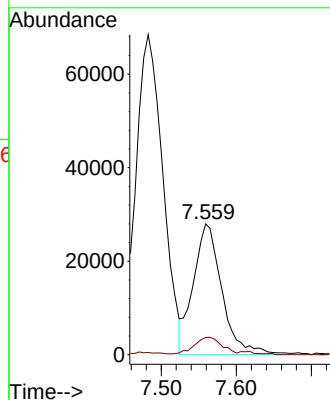
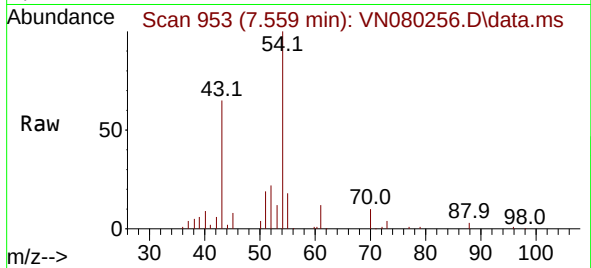
#43
Ethyl Acetate
Concen: 17.553 ug/l m
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 43 Resp: 74075
Ion Ratio Lower Upper
43 100
45 13.0 11.8 17.8

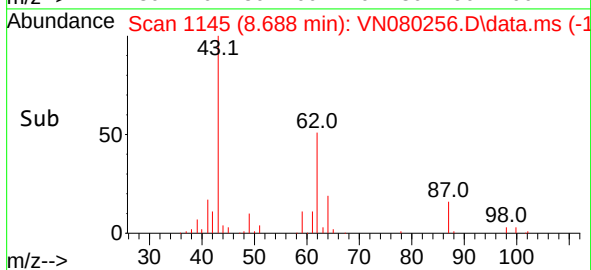
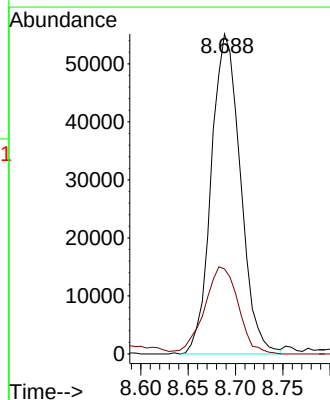
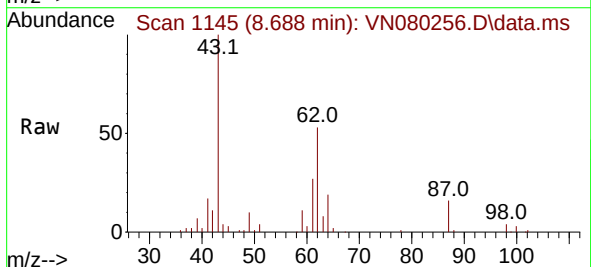
Manual Integrations
APPROVED

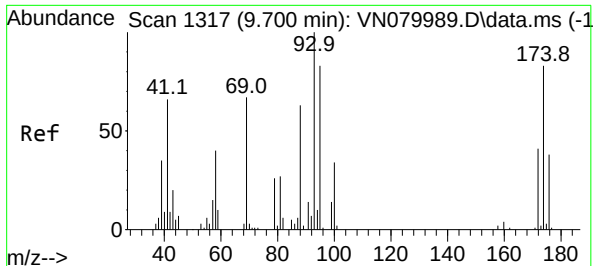
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#44
Isopropyl Acetate
Concen: 17.194 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 43 Resp: 118231
Ion Ratio Lower Upper
43 100
61 31.7 20.3 30.5#





#45

1,4-Dioxane

Concen: 454.340 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.012 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tgt Ion: 88 Resp: 24070

Ion Ratio Lower Upper

88 100

43 32.6 28.7 43.1

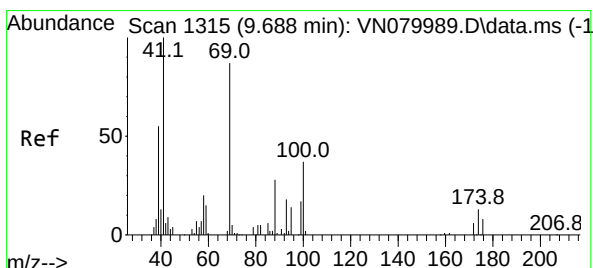
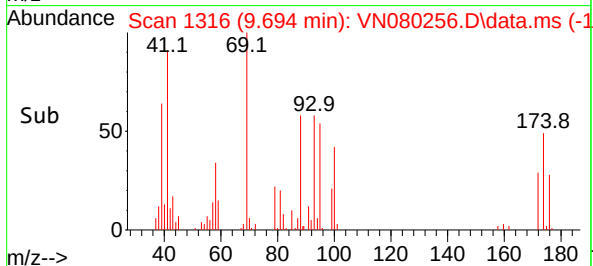
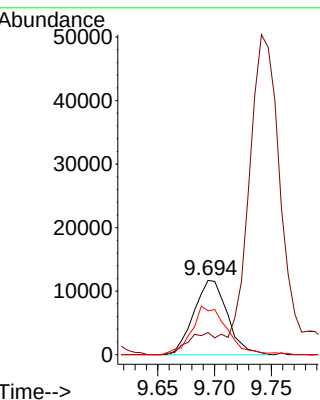
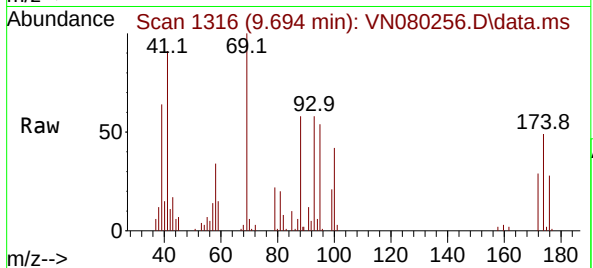
58 66.9 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#46

Methyl methacrylate

Concen: 17.074 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

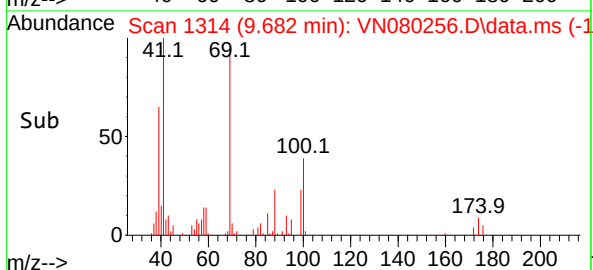
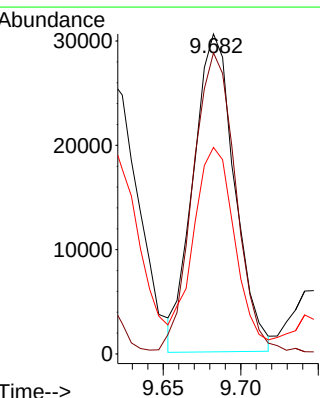
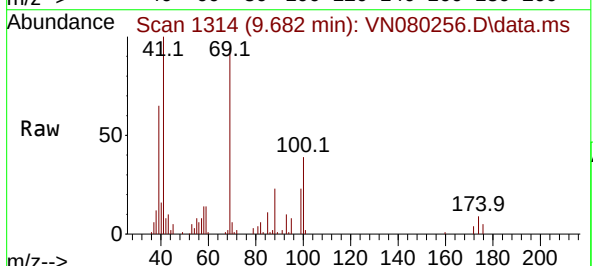
Tgt Ion: 41 Resp: 56436

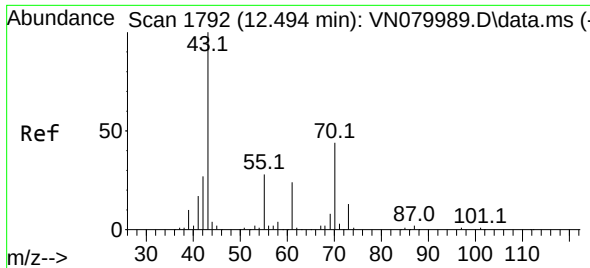
Ion Ratio Lower Upper

41 100

69 96.0 40.0 119.9

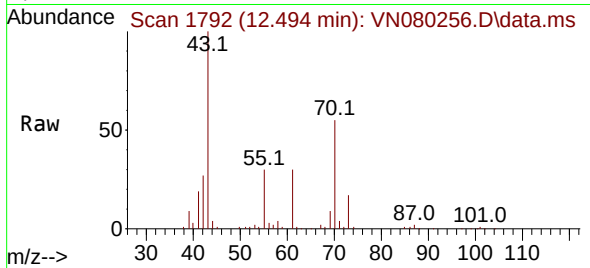
39 63.7 31.1 93.3





#47
n-amy1 Acetate
Concen: 17.246 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

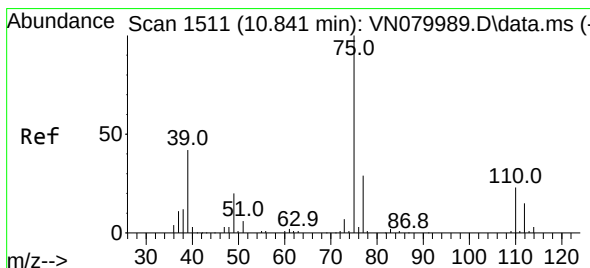
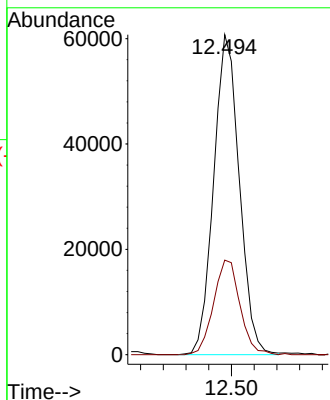
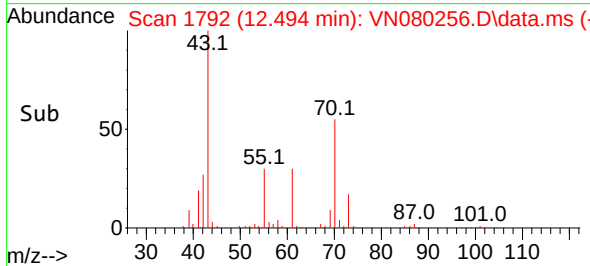
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion: 43 Resp: 9525
Ion Ratio Lower Upper
43 100
55 30.3 20.7 31.1

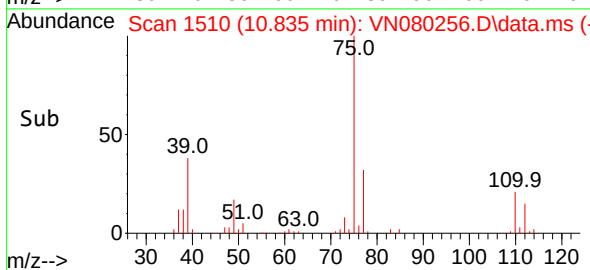
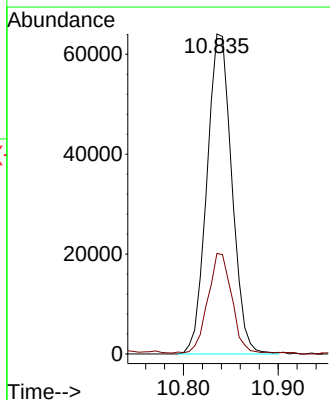
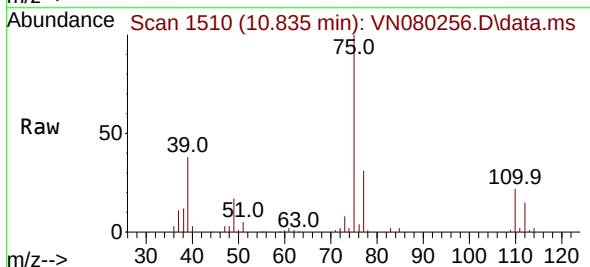
Manual Integrations
APPROVED

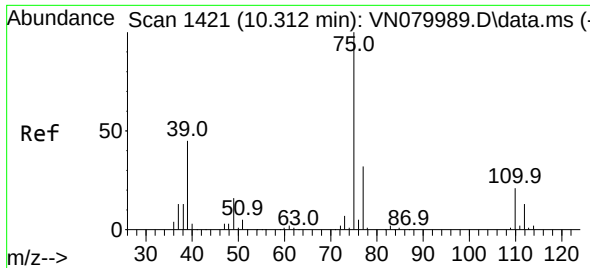
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 23.231 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

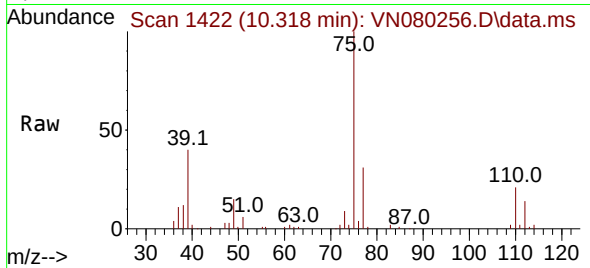
Tgt Ion: 75 Resp: 117471
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 21.829 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

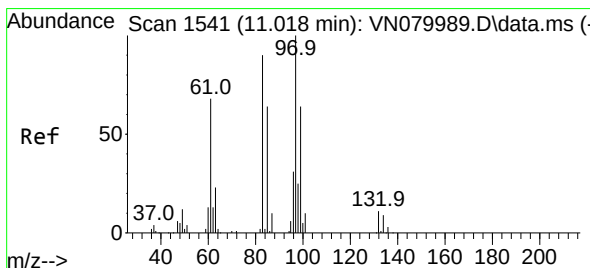
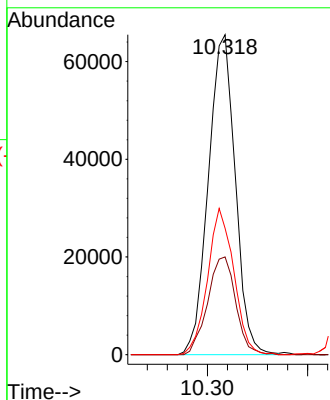
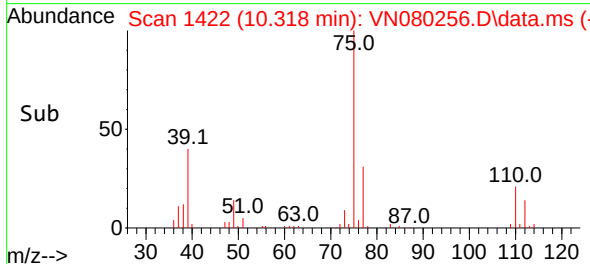
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion: 75 Resp: 122028
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6
39 39.5 42.4 63.6

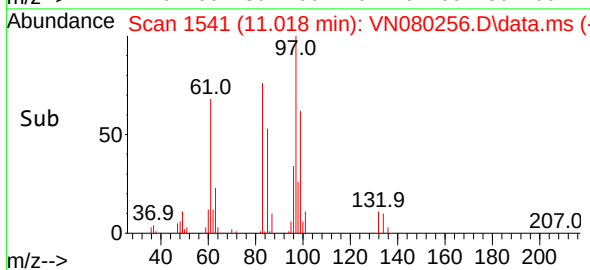
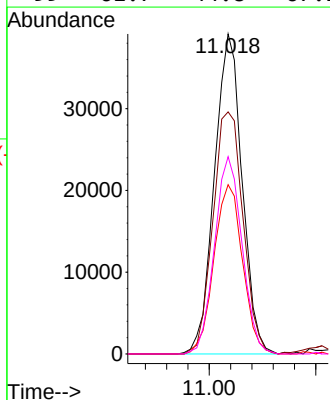
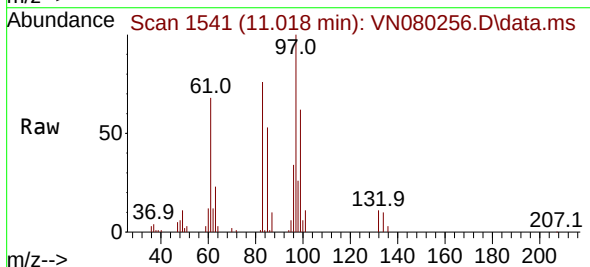
Manual Integrations
APPROVED

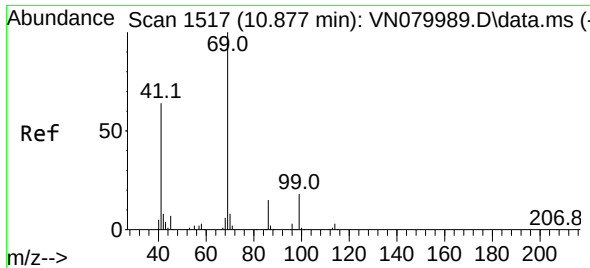
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#50
1,1,2-Trichloroethane
Concen: 21.663 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 97 Resp: 70646
Ion Ratio Lower Upper
97 100
83 75.7 68.2 102.4
85 52.9 42.9 64.3
99 61.7 44.8 67.2





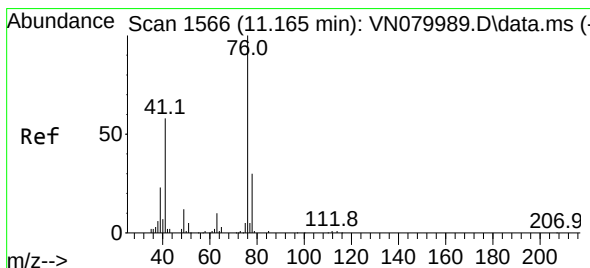
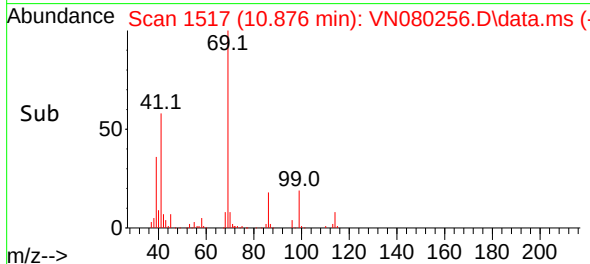
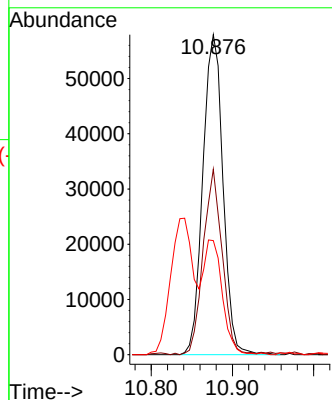
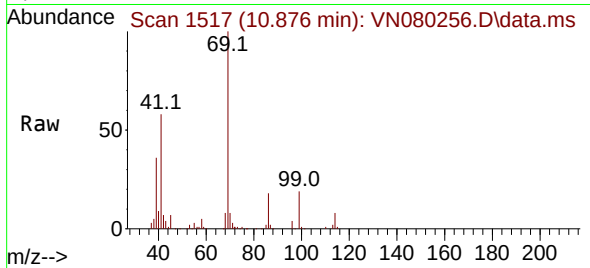
#51
Ethyl methacrylate
Concen: 21.306 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 69 Resp: 99869
Ion Ratio Lower Upper
69 100
41 57.9 33.8 101.3
39 35.1 21.3 63.9

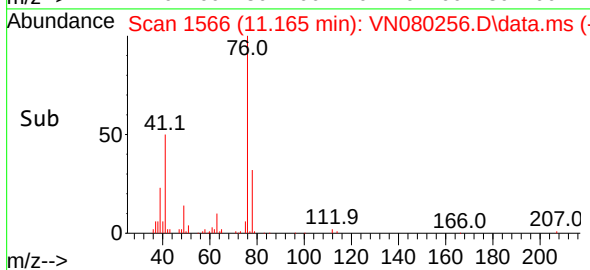
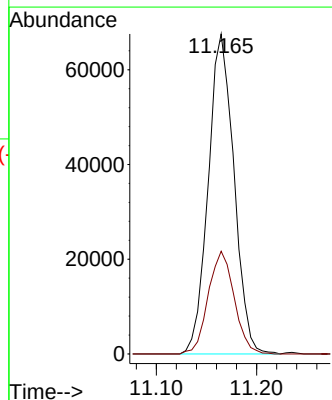
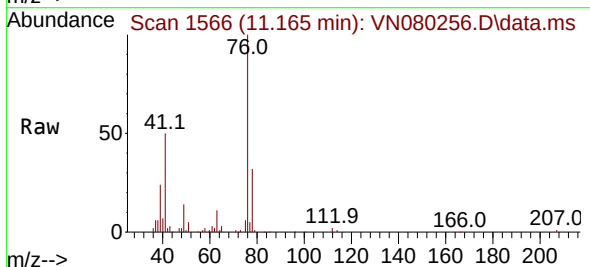
Manual Integrations
APPROVED

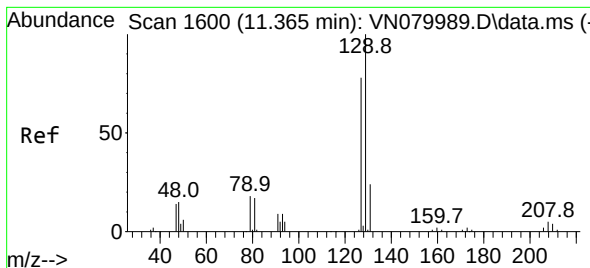
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#52
1,3-Dichloropropane
Concen: 20.679 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

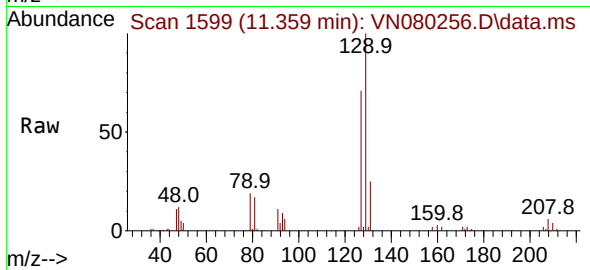
Tgt Ion: 76 Resp: 120564
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





#53
Dibromochloromethane
Concen: 24.179 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

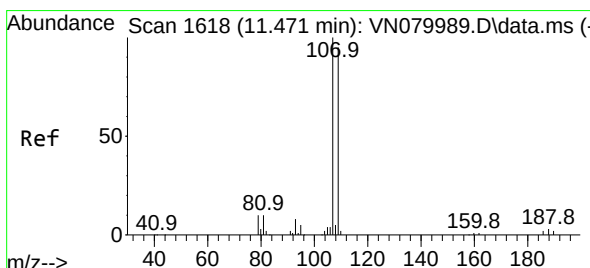
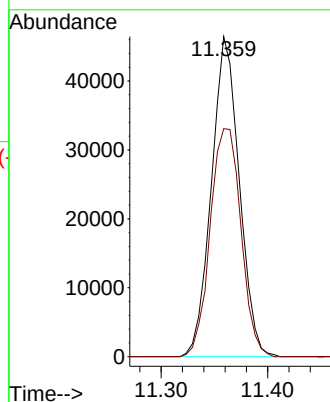
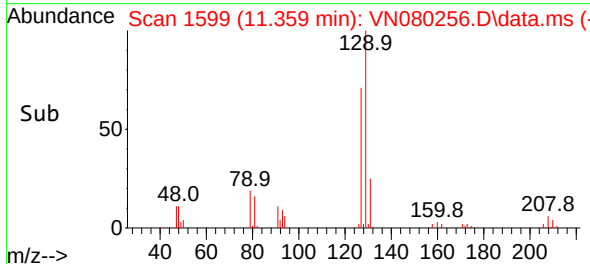
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



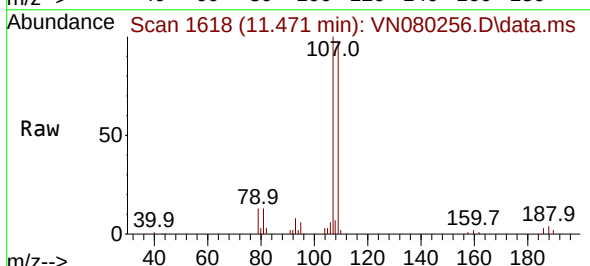
Tgt Ion:129 Resp: 84354
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.3

Manual Integrations
APPROVED

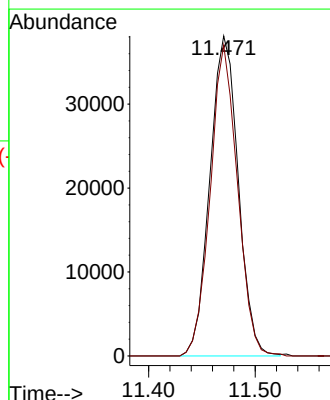
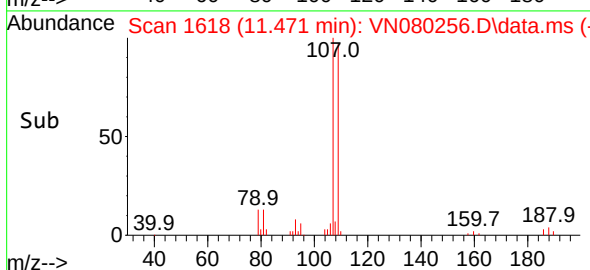
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

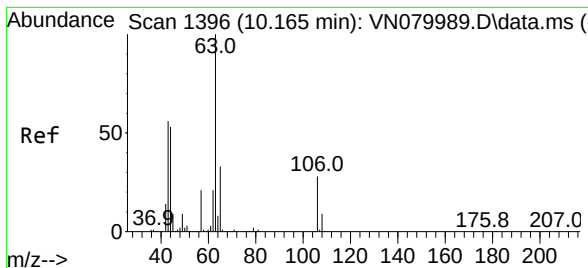


#54
1,2-Dibromoethane
Concen: 21.533 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



Tgt Ion:107 Resp: 70511
Ion Ratio Lower Upper
107 100
109 93.3 73.2 109.8





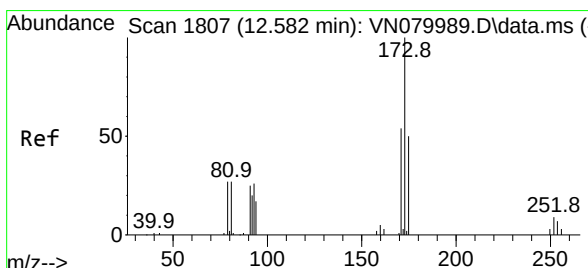
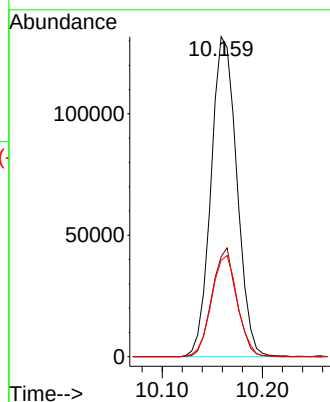
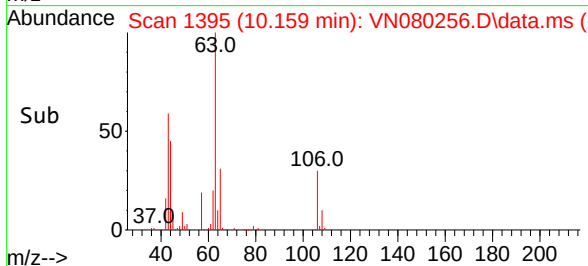
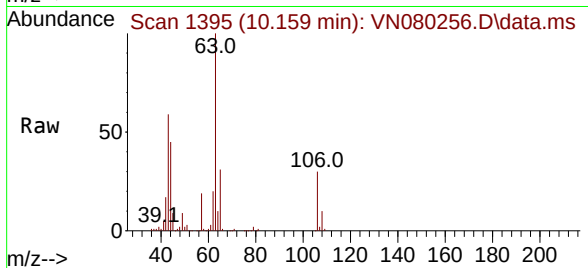
#55
2-Chloroethyl vinyl ether
Concen: 109.578 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 63 Resp: 23623
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 31.9 20.6 30.8

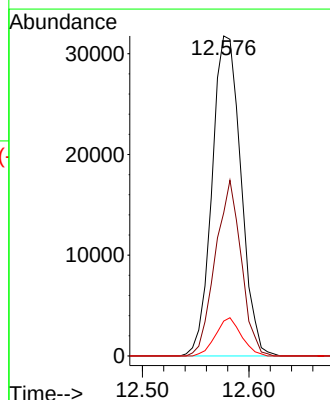
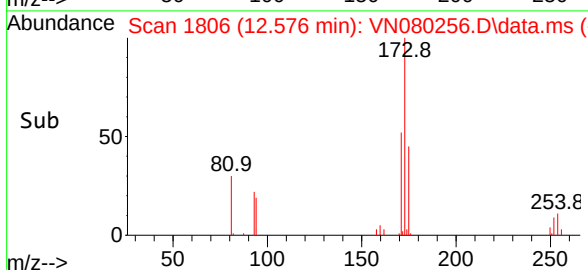
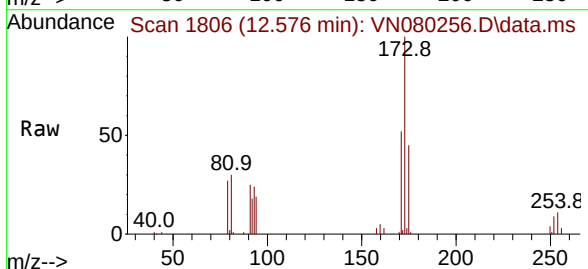
Manual Integrations
APPROVED

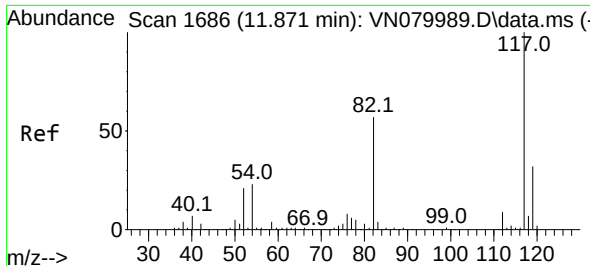
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 26.156 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion:173 Resp: 59796
Ion Ratio Lower Upper
173 100
175 49.2 37.9 56.9
254 10.7 7.3 10.9





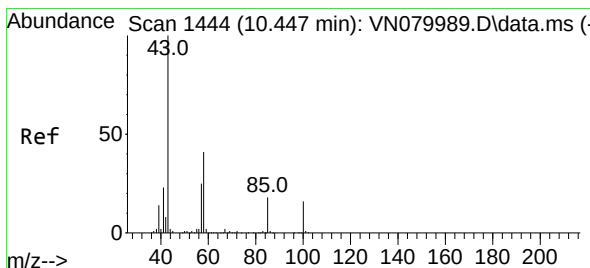
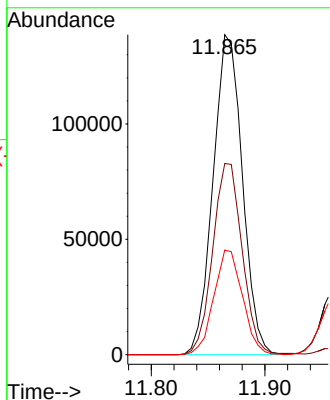
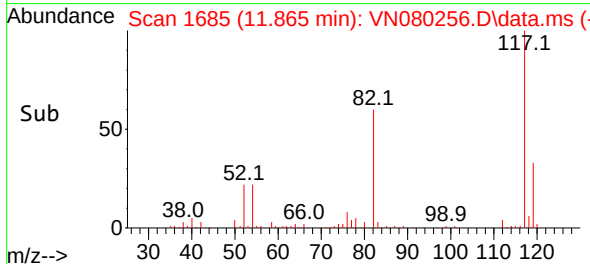
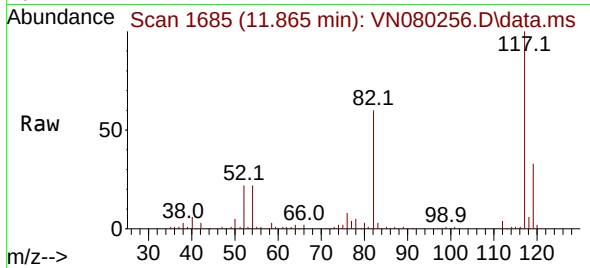
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion:117 Resp: 24906
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.2
119 32.0 25.2 37.8

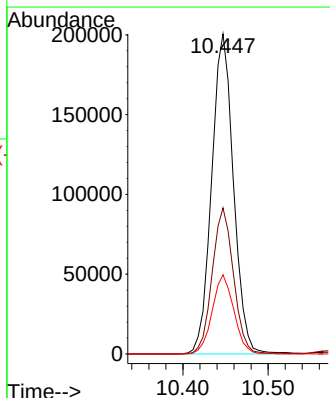
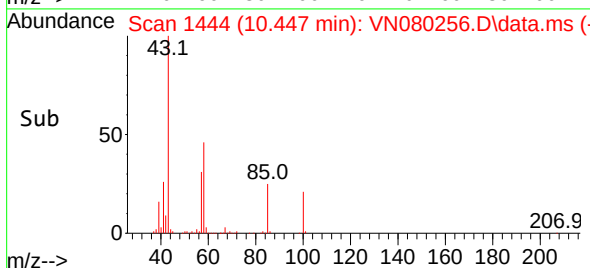
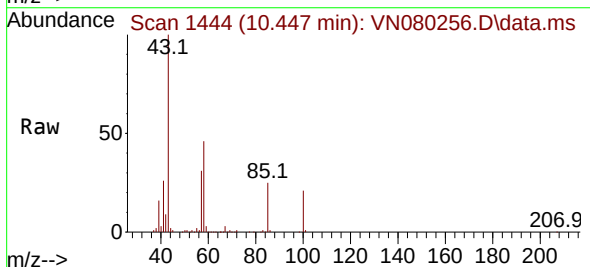
Manual Integrations
APPROVED

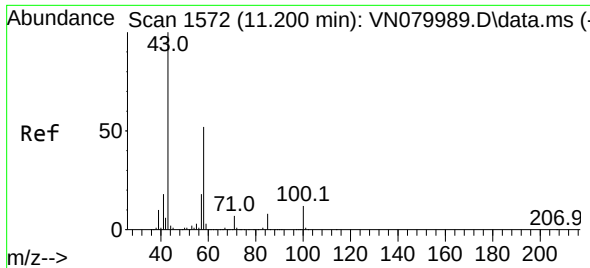
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 85.756 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

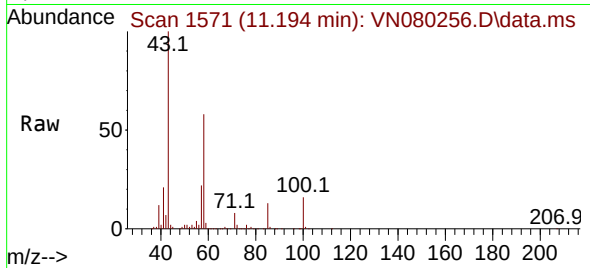
Tgt Ion: 43 Resp: 356837
Ion Ratio Lower Upper
43 100
58 44.5 30.4 45.6
85 24.6 13.2 19.8#





#59
2-Hexanone
Concen: 84.598 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

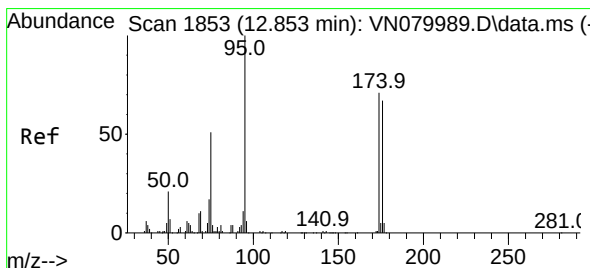
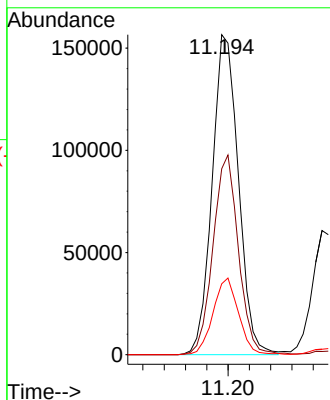
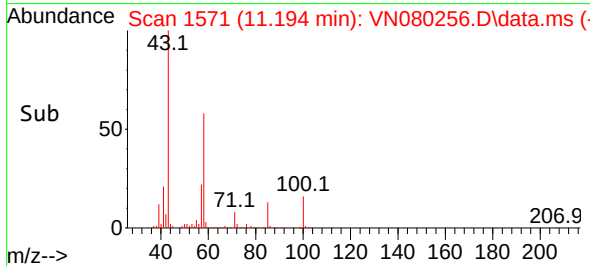
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion: 43 Resp: 268158
Ion Ratio Lower Upper
43 100
58 60.3 42.3 63.5
57 23.3 13.9 20.9

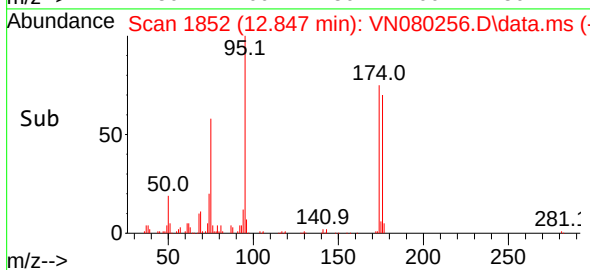
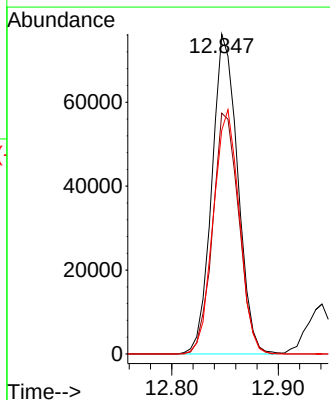
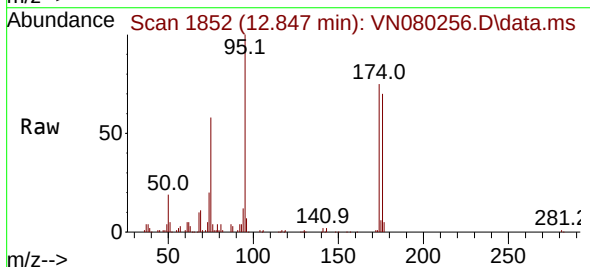
Manual Integrations
APPROVED

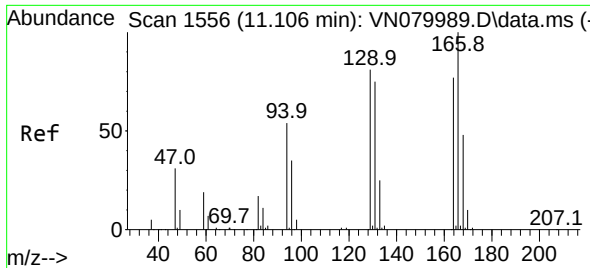
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#60
4-Bromofluorobenzene
Concen: 32.266 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

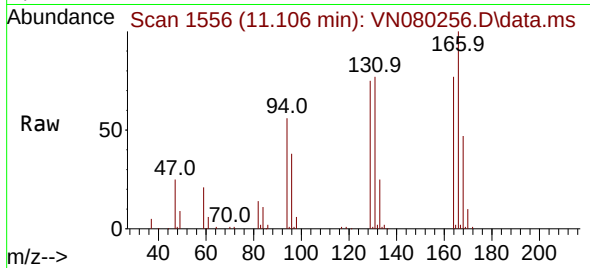
Tgt Ion: 95 Resp: 128514
Ion Ratio Lower Upper
95 100
174 76.4 60.5 90.7
176 76.7 57.2 85.8





#61
Tetrachloroethene
Concen: 26.175 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

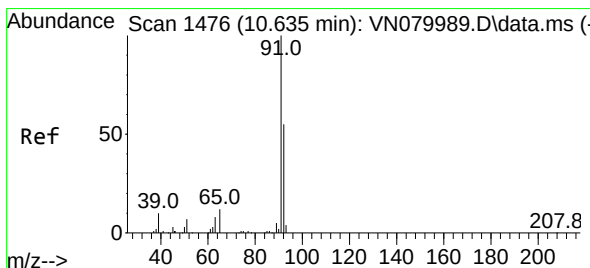
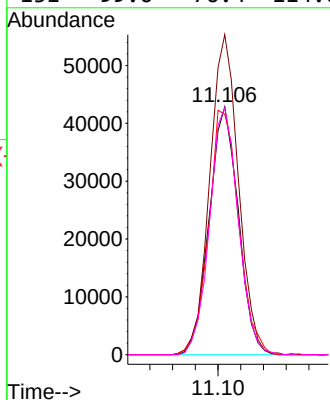
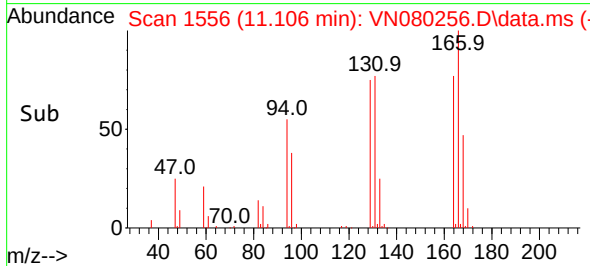
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



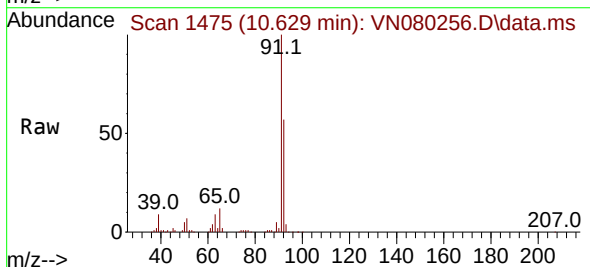
Tgt Ion:164 Resp: 76432
Ion Ratio Lower Upper
164 100
166 128.7 98.2 147.4
129 97.0 75.0 112.4
131 99.6 76.4 114.6

Manual Integrations
APPROVED

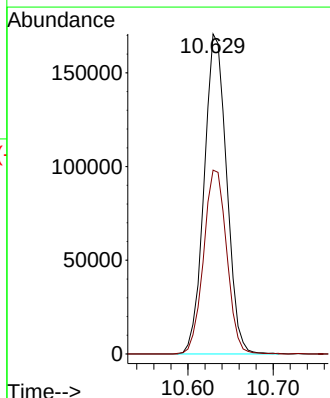
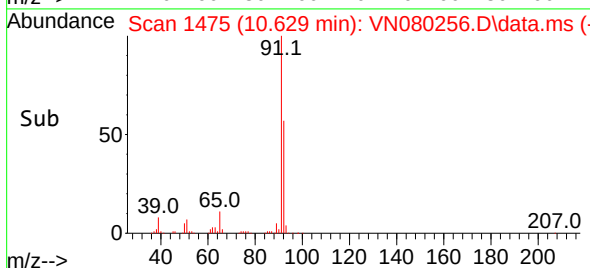
Reviewed By :John Carbone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

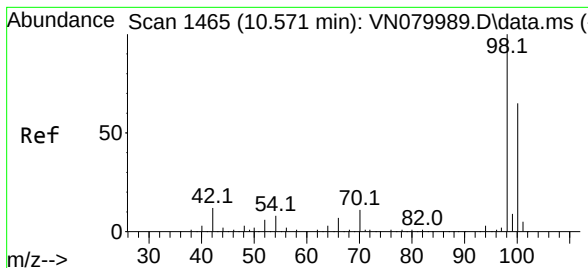


#62
Toluene
Concen: 21.695 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



Tgt Ion: 91 Resp: 312523
Ion Ratio Lower Upper
91 100
92 59.2 45.3 67.9





#63

Toluene-d8

Concen: 29.954 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN080256.D

Acq: 24 Nov 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tgt Ion: 98 Resp: 35349

Ion Ratio Lower Upper

98 100

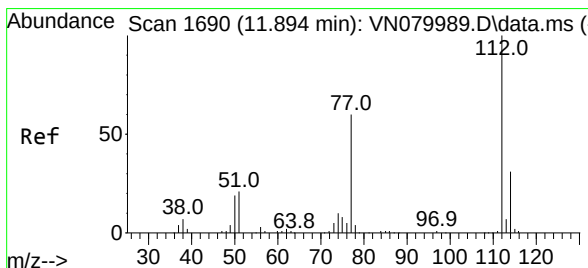
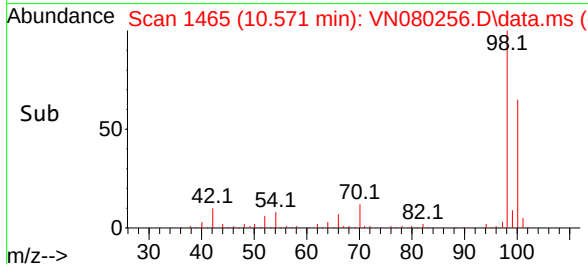
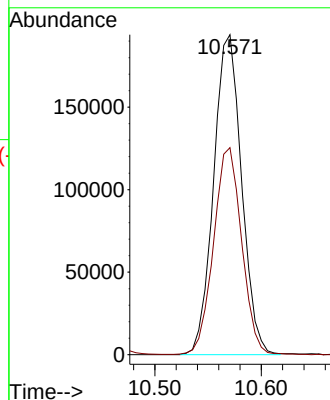
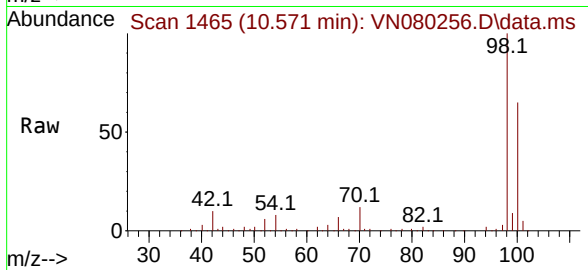
100 65.1 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#64

Chlorobenzene

Concen: 22.064 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN080256.D

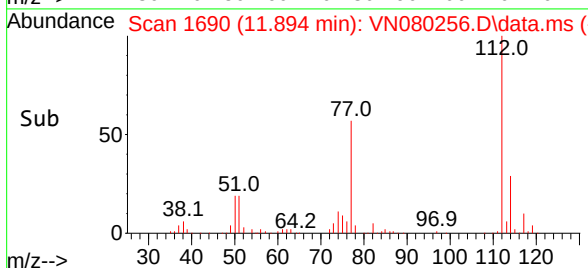
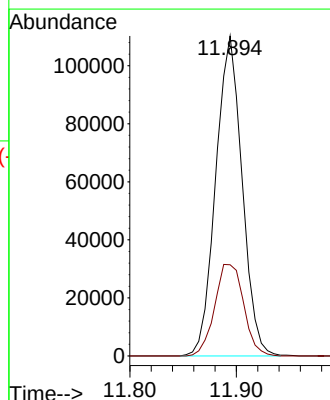
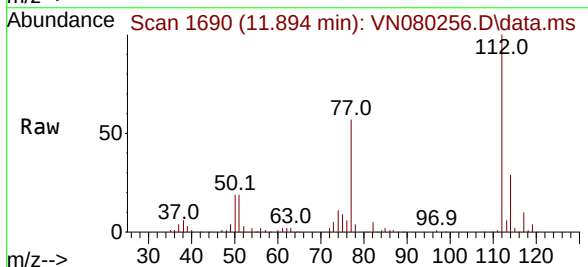
Acq: 24 Nov 2023 12:20

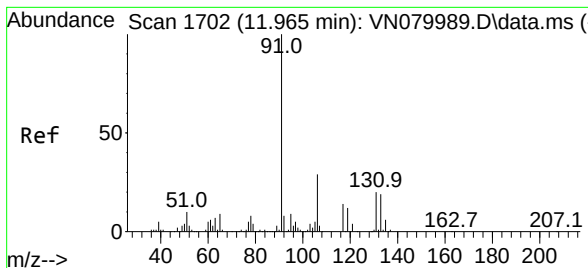
Tgt Ion:112 Resp: 189672

Ion Ratio Lower Upper

112 100

114 28.5 28.1 42.1





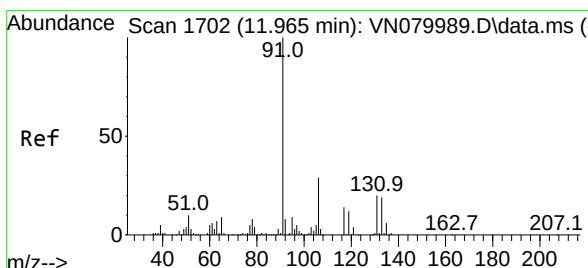
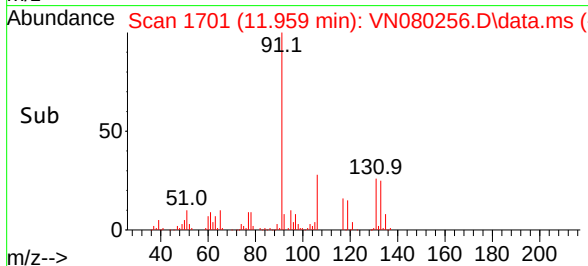
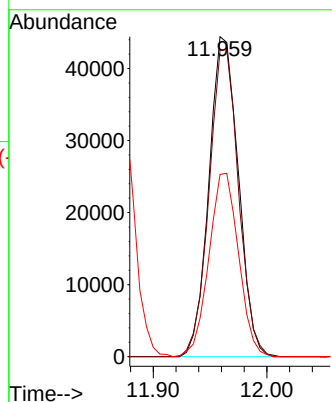
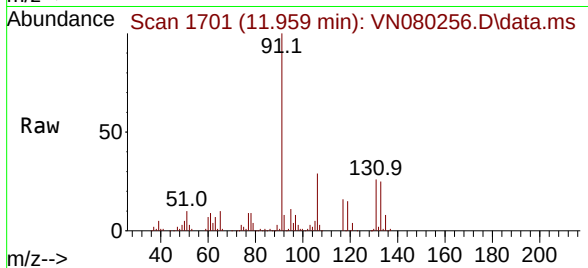
#65
1,1,1,2-Tetrachloroethane
Concen: 25.326 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion:131 Resp: 7986
Ion Ratio Lower Upper
131 100
133 96.4 0.0 196.0
119 57.8 0.0 135.6

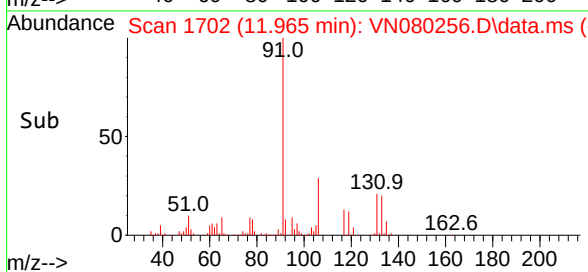
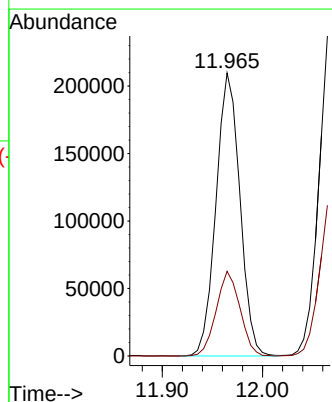
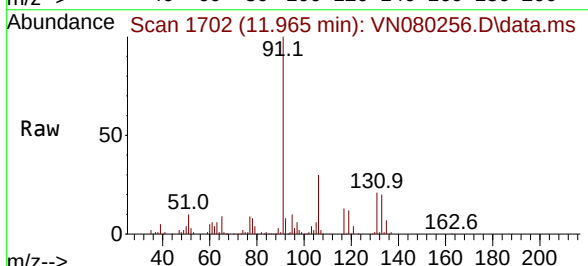
Manual Integrations
APPROVED

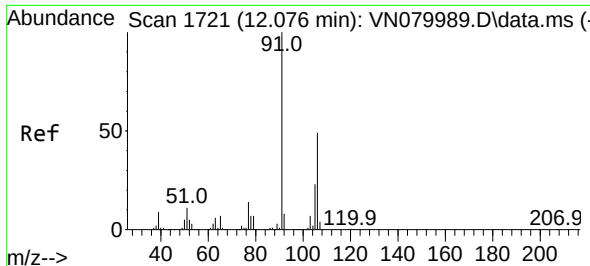
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 22.883 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 91 Resp: 346390
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8





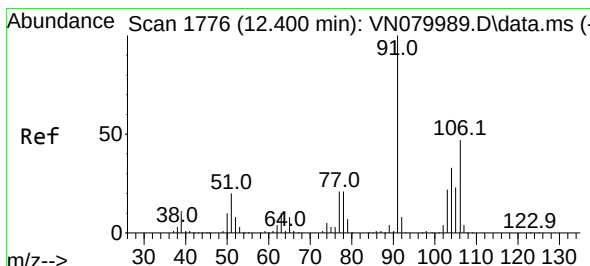
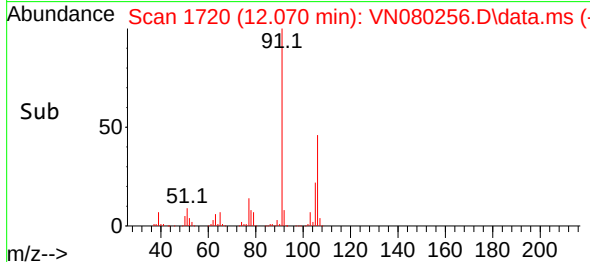
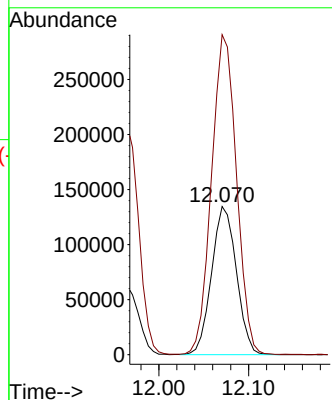
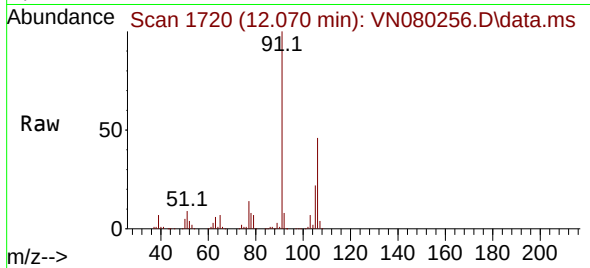
#67
m/p-Xylenes
Concen: 45.937 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion:106 Resp: 25888
Ion Ratio Lower Upper
106 100
91 217.4 161.8 242.6

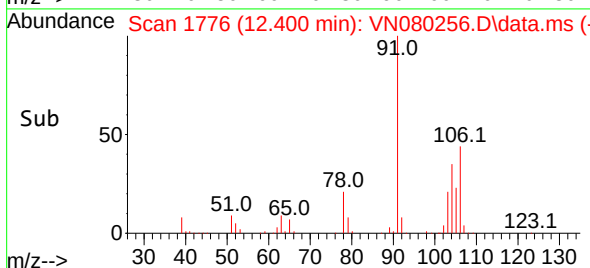
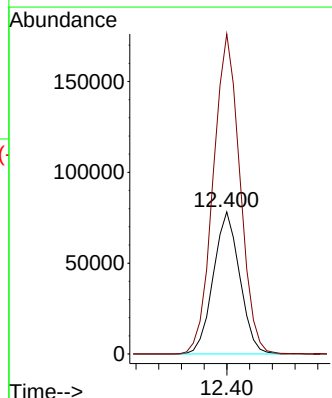
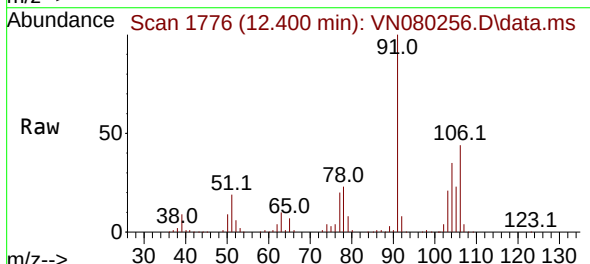
Manual Integrations
APPROVED

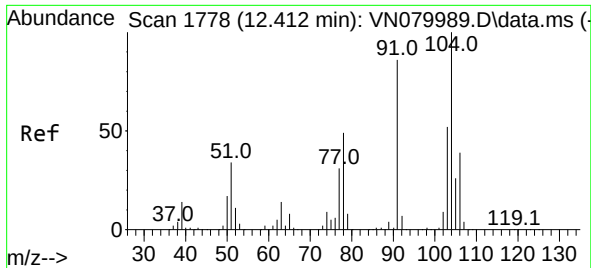
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 23.402 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion:106 Resp: 126412
Ion Ratio Lower Upper
106 100
91 227.9 109.9 329.7





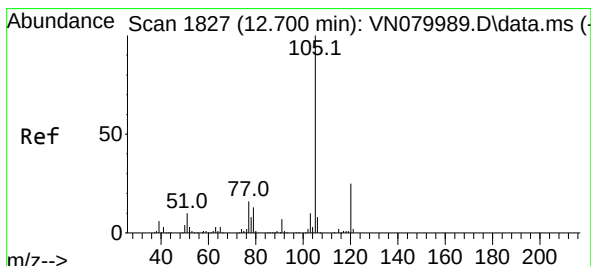
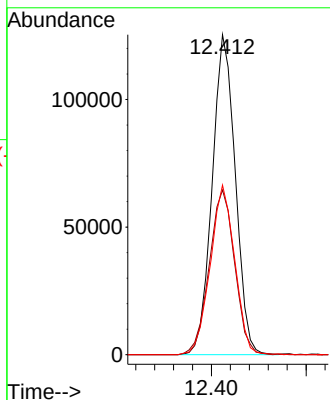
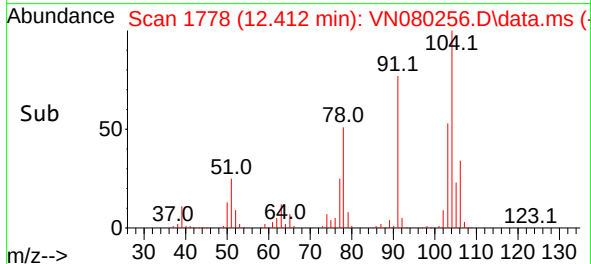
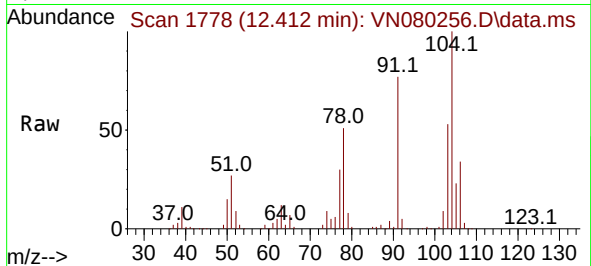
#69
Styrene
Concen: 23.793 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion:104 Resp: 21276
Ion Ratio Lower Upper
104 100
78 56.5 41.2 61.8
103 55.8 43.1 64.7

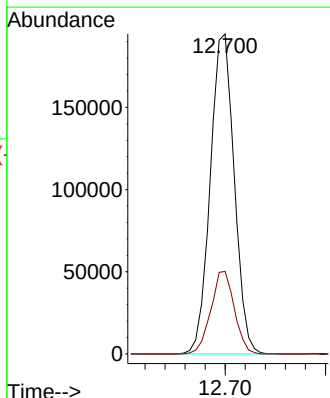
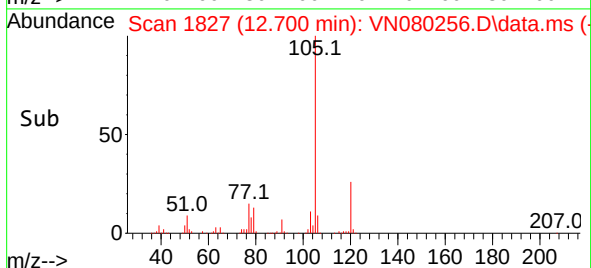
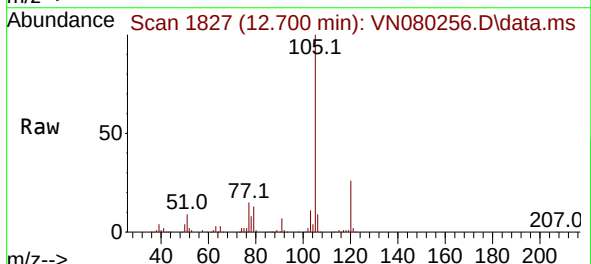
Manual Integrations
APPROVED

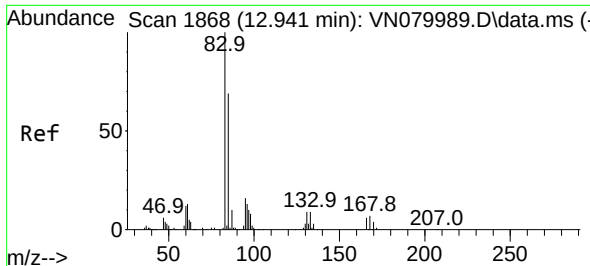
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#70
Isopropylbenzene
Concen: 23.977 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

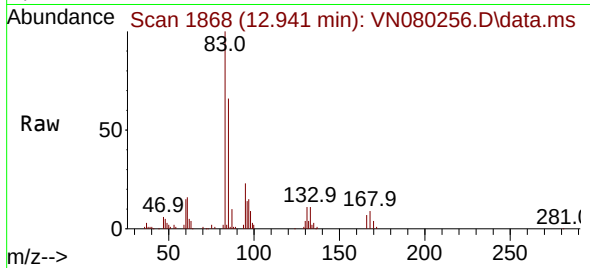
Tgt Ion:105 Resp: 323069
Ion Ratio Lower Upper
105 100
120 25.3 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.356 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

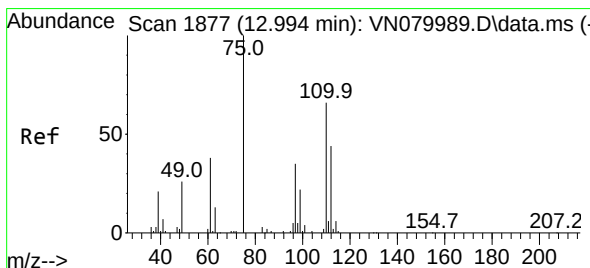
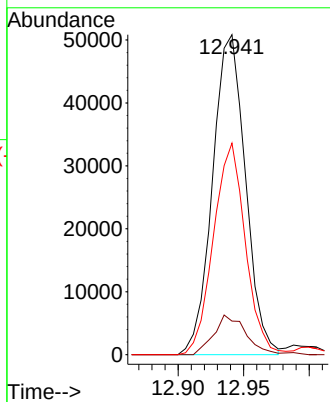
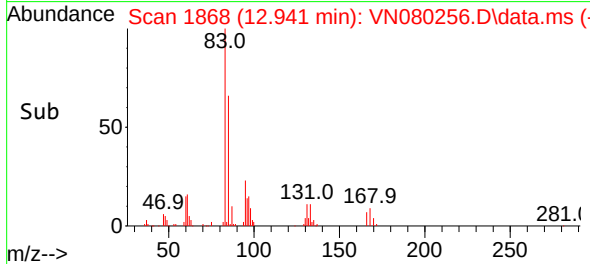
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion: 83 Resp: 8883
Ion Ratio Lower Upper
83 100
131 12.0 4.5 13.4
85 64.1 32.1 96.3

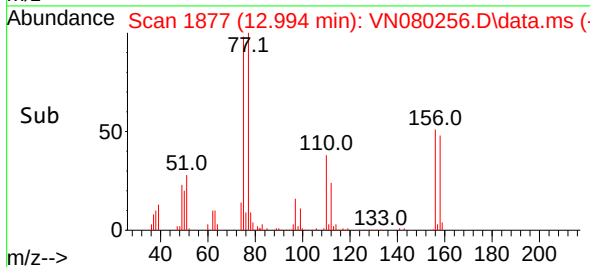
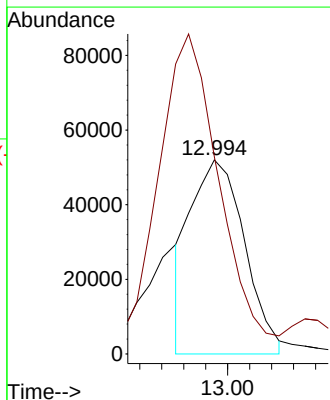
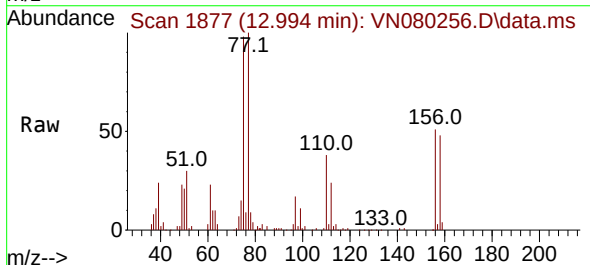
Manual Integrations
APPROVED

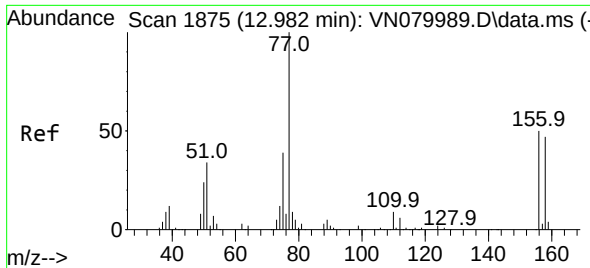
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 20.730 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

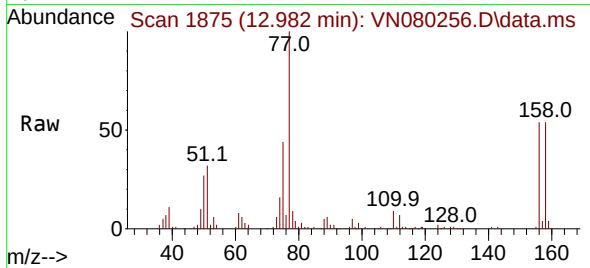
Tgt Ion: 75 Resp: 88396
Ion Ratio Lower Upper
75 100
77 190.3 0.0 338.2





#73
Bromobenzene
Concen: 24.580 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

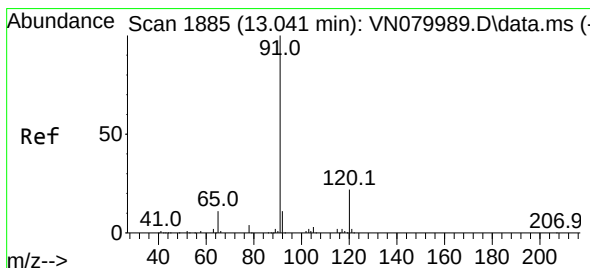
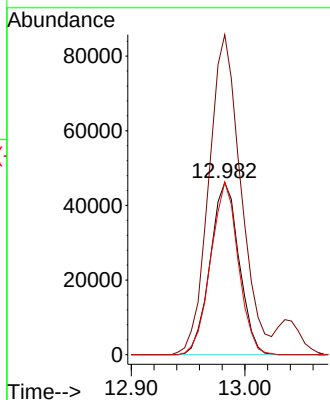
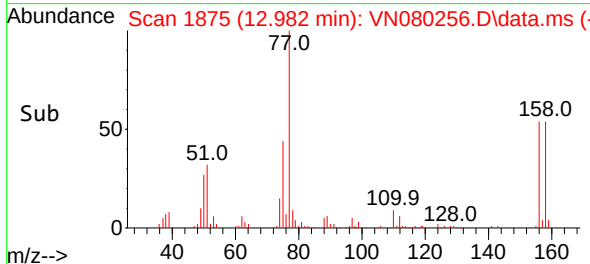
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion:156 Resp: 8142
Ion Ratio Lower Upper
156 100
77 206.6 0.0 448.2
158 95.9 0.0 194.8

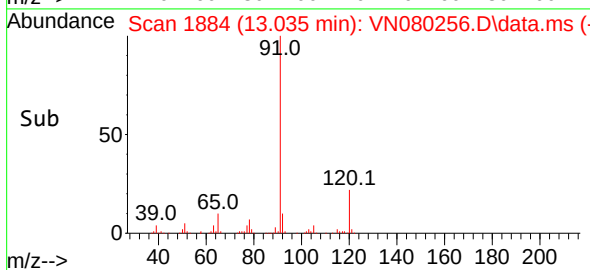
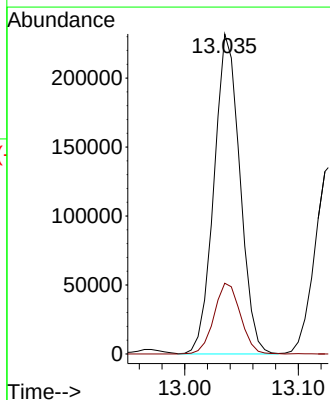
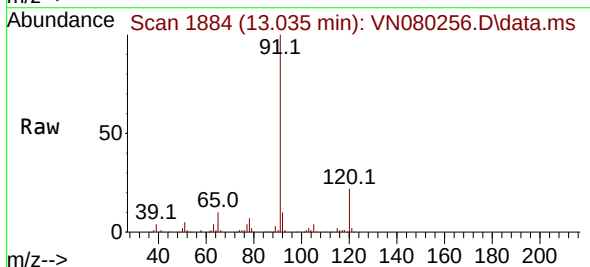
Manual Integrations
APPROVED

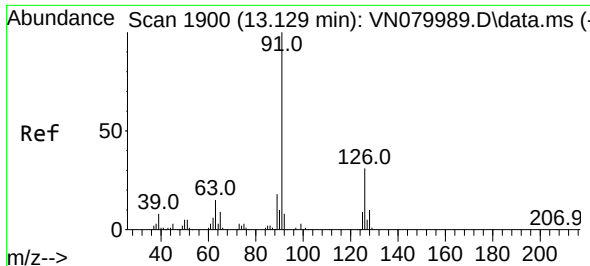
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#74
n-propylbenzene
Concen: 22.811 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

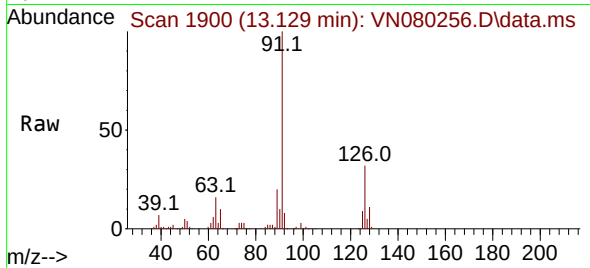
Tgt Ion: 91 Resp: 367692
Ion Ratio Lower Upper
91 100
120 22.4 0.0 42.0





#75
2-Chlorotoluene
Concen: 23.195 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

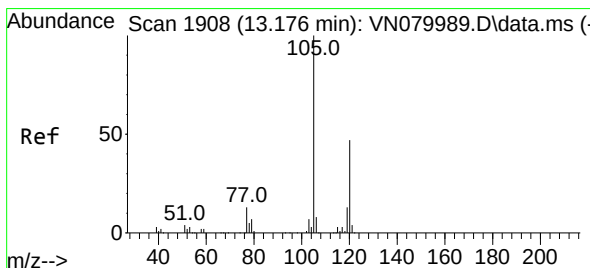
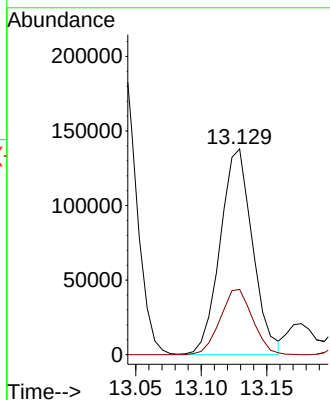
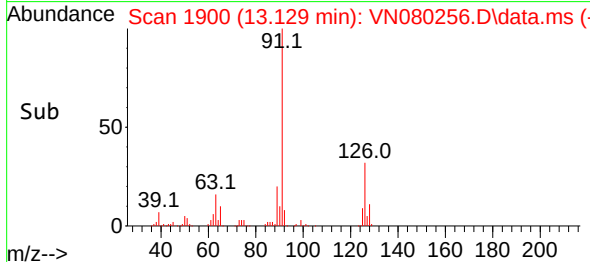
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



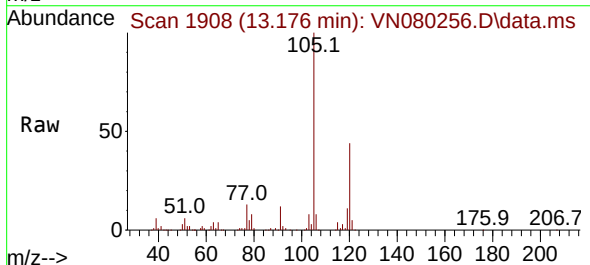
Tgt Ion: 91 Resp: 237650
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.6

Manual Integrations
APPROVED

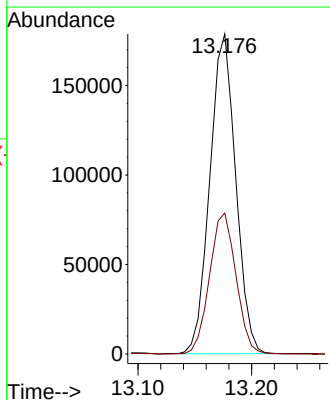
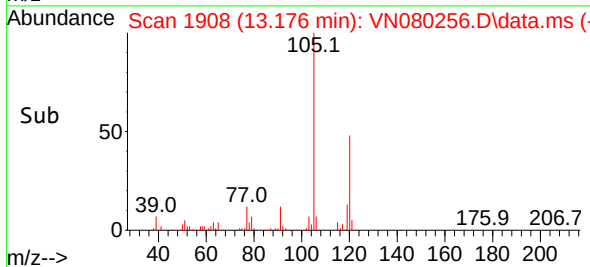
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

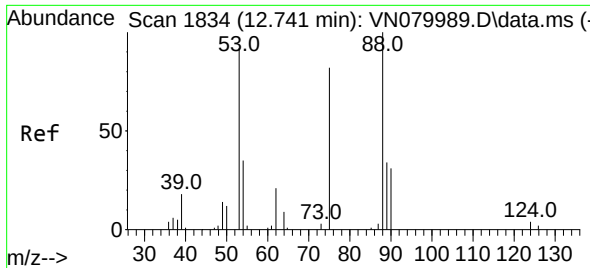


#76
1,3,5-Trimethylbenzene
Concen: 25.374 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



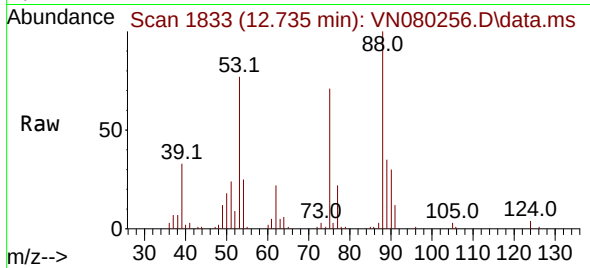
Tgt Ion:105 Resp: 282781
Ion Ratio Lower Upper
105 100
120 45.1 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 21.958 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

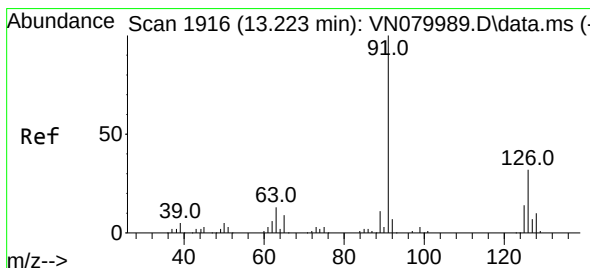
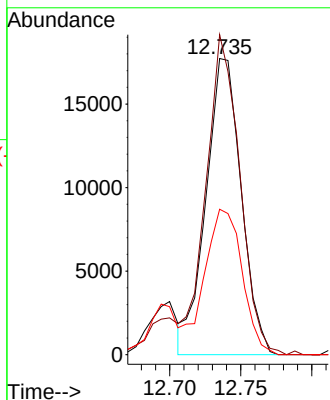
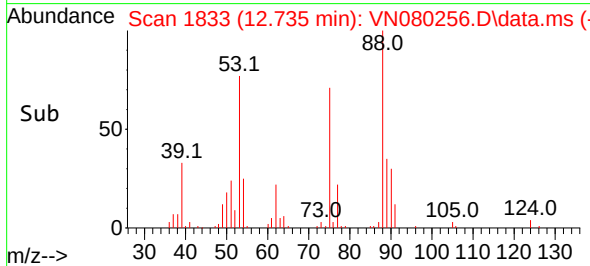
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion: 75 Resp: 30659
Ion Ratio Lower Upper
75 100
53 106.6 53.0 159.1
89 49.1 22.6 67.7

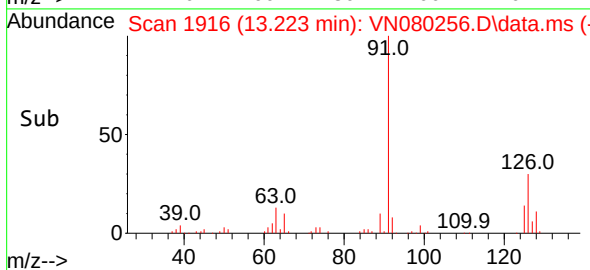
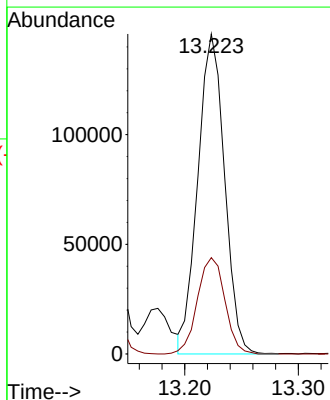
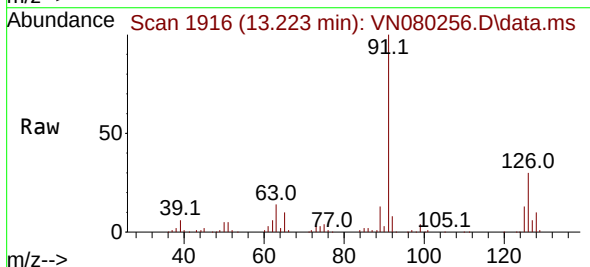
Manual Integrations
APPROVED

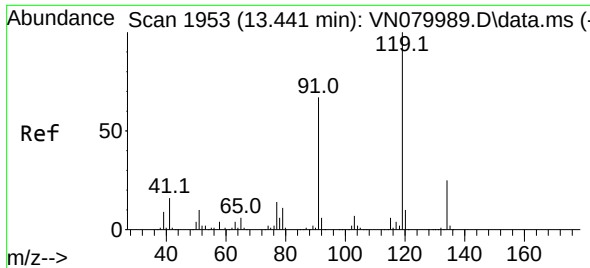
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 23.458 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion: 91 Resp: 238700
Ion Ratio Lower Upper
91 100
126 30.9 0.0 65.4





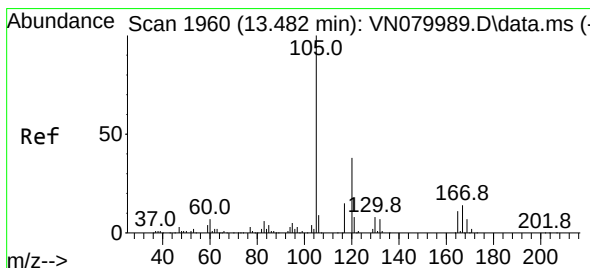
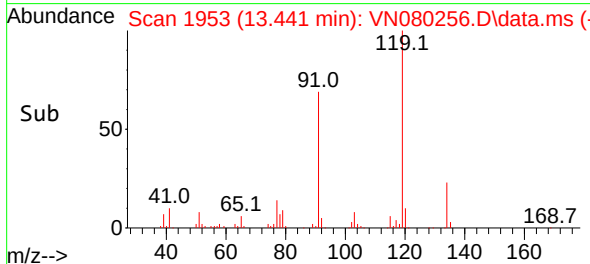
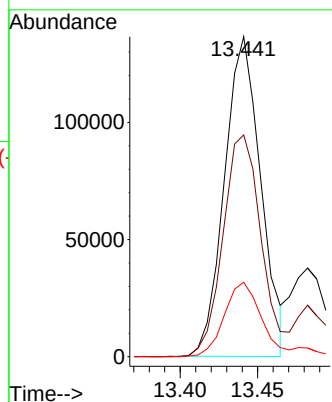
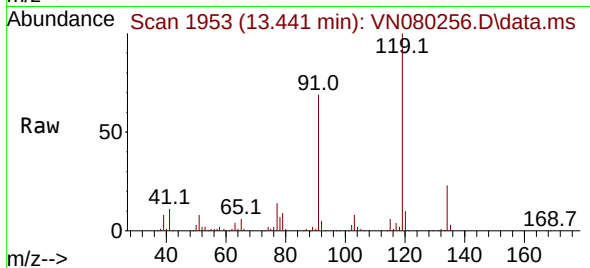
#79
tert-butylbenzene
Concen: 25.491 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion:119 Resp: 22248
Ion Ratio Lower Upper
119 100
91 73.4 0.0 140.6
134 23.5 0.0 49.8

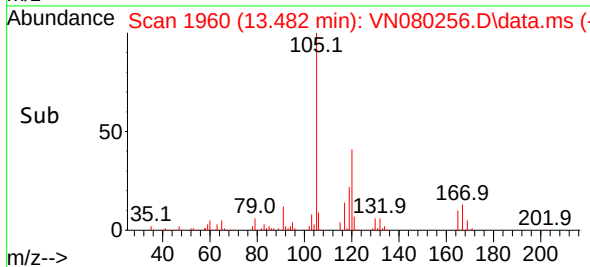
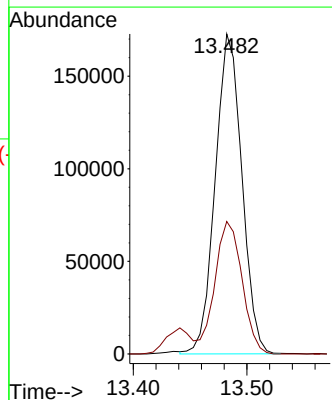
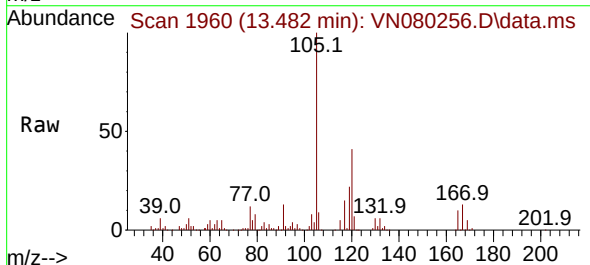
Manual Integrations
APPROVED

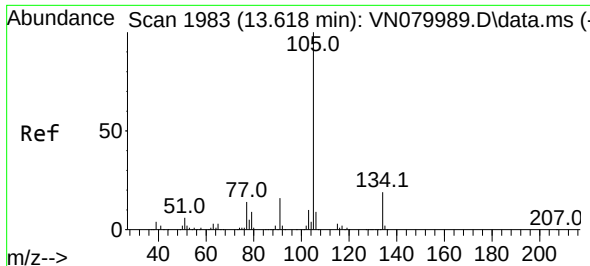
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 25.741 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion:105 Resp: 281305
Ion Ratio Lower Upper
105 100
120 42.5 0.0 88.6





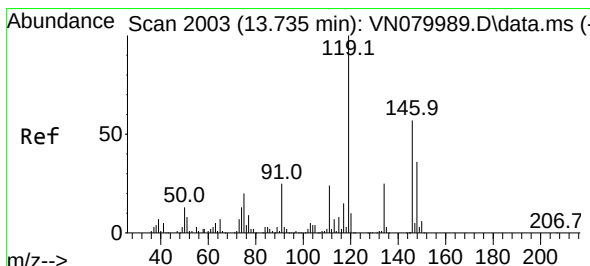
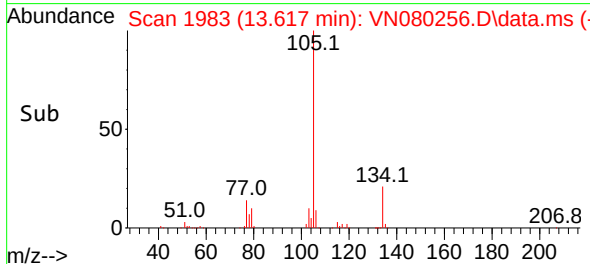
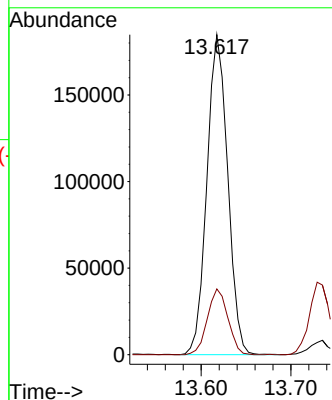
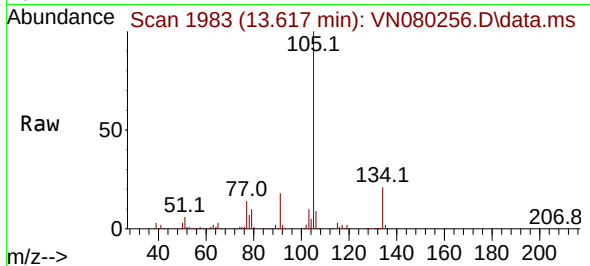
#81
 sec-Butylbenzene
 Concen: 24.139 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080256.D
 Acq: 24 Nov 2023 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tgt Ion:105 Resp: 297398
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.2

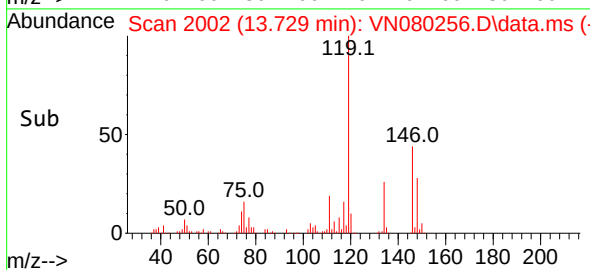
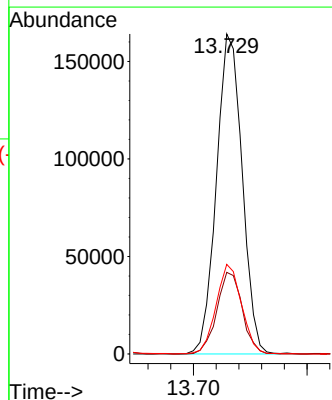
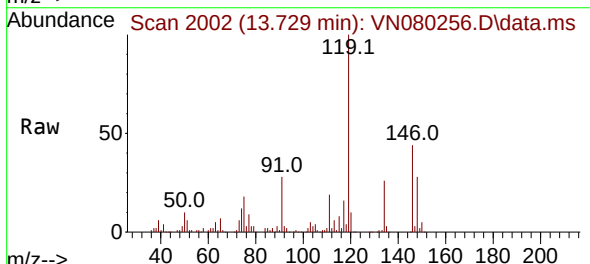
Manual Integrations
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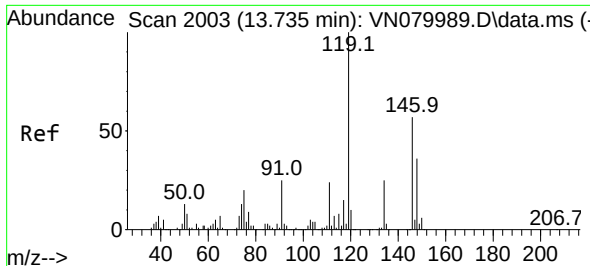
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#82
 p-Isopropyltoluene
 Concen: 25.837 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN080256.D
 Acq: 24 Nov 2023 12:20

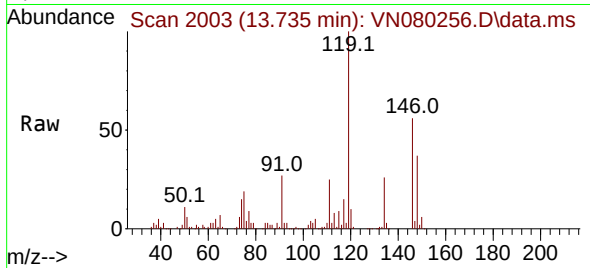
Tgt Ion:119 Resp: 258514
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 52.2
 91 27.6 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 23.577 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

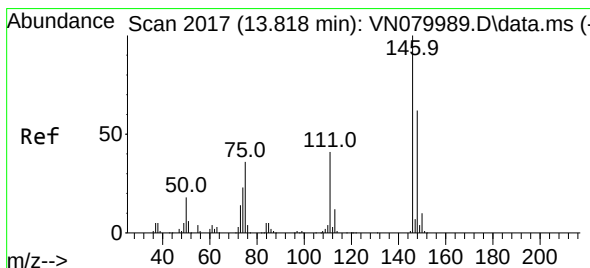
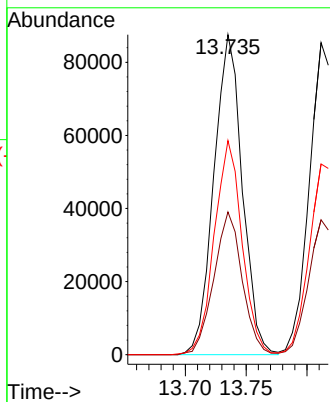
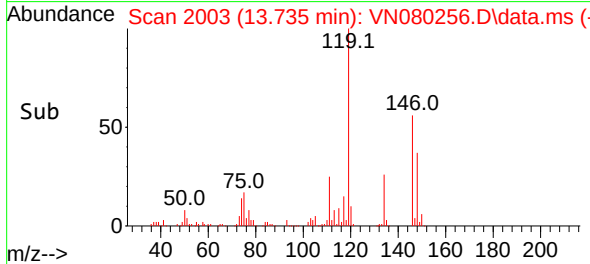
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



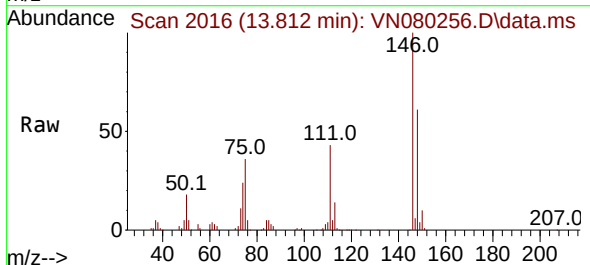
Tgt Ion:146 Resp: 142315
Ion Ratio Lower Upper
146 100
111 44.5 21.0 63.0
148 65.4 32.4 97.0

Manual Integrations
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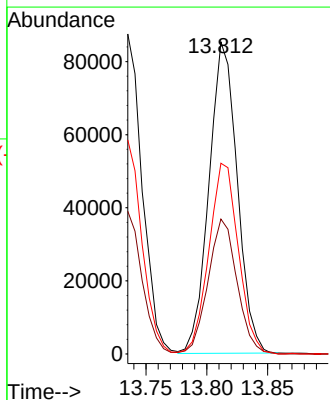
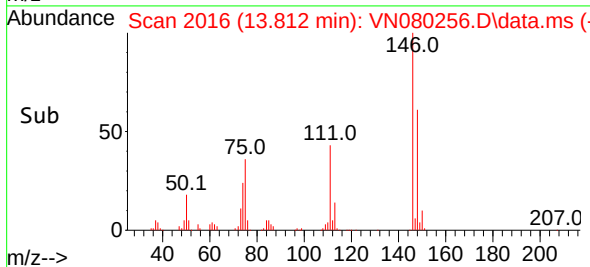
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

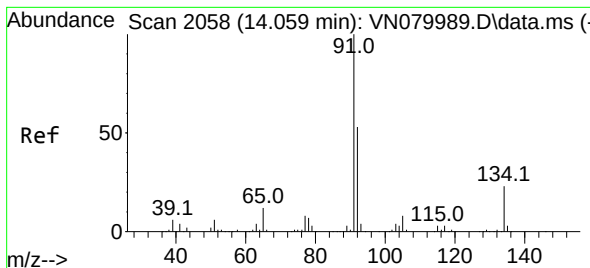


#84
1,4-Dichlorobenzene
Concen: 23.235 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.005 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



Tgt Ion:146 Resp: 137655
Ion Ratio Lower Upper
146 100
111 44.4 19.9 59.7
148 63.9 32.6 97.7





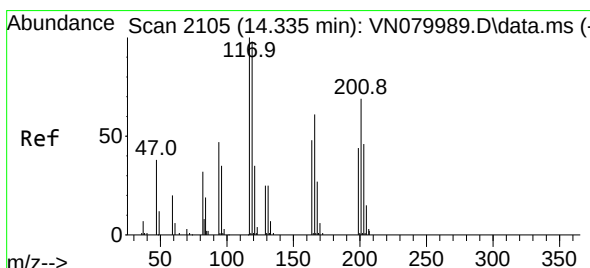
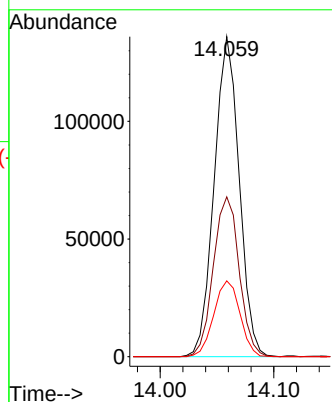
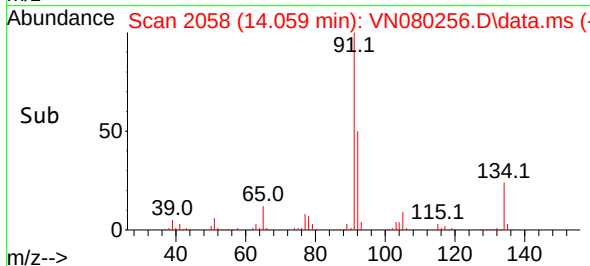
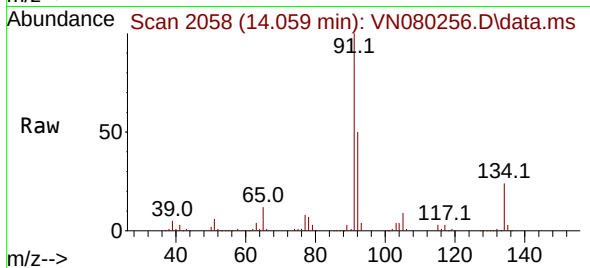
#85
n-Butylbenzene
Concen: 24.828 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion: 91 Resp: 207769
Ion Ratio Lower Upper
91 100
92 51.7 0.0 99.6
134 24.8 0.0 46.2

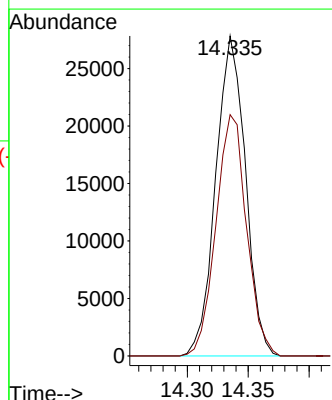
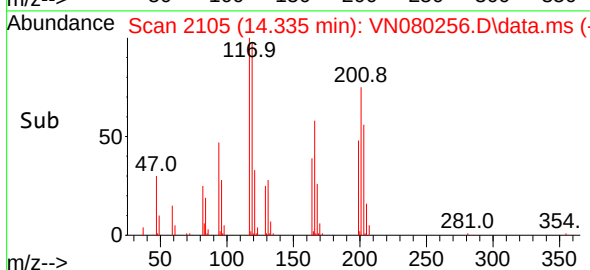
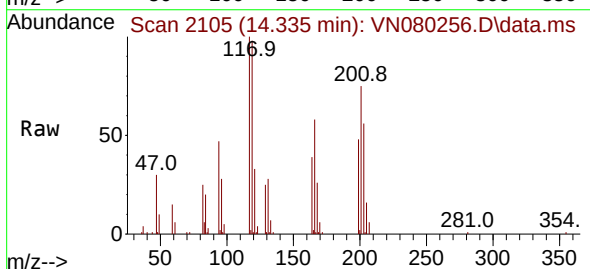
Manual Integrations
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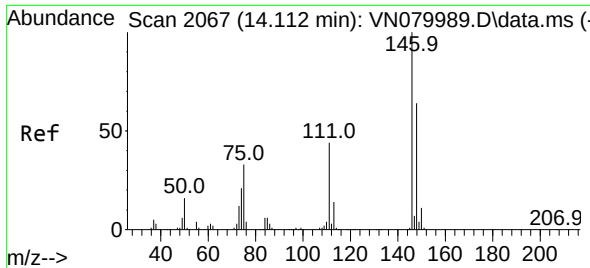
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 24.261 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

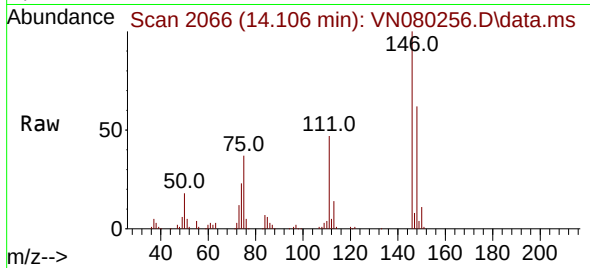
Tgt Ion:117 Resp: 47203
Ion Ratio Lower Upper
117 100
201 77.7 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 23.851 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.005 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

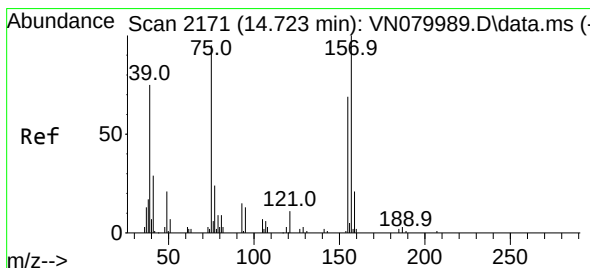
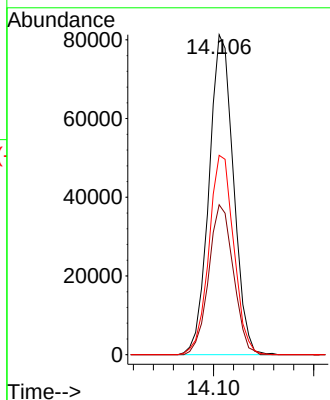
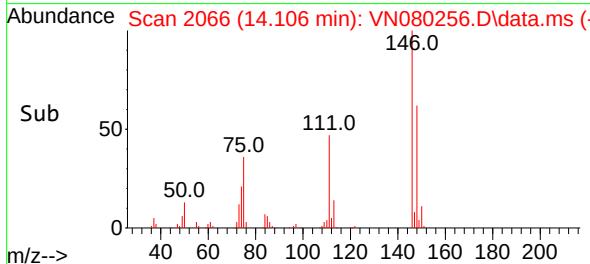
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



Tgt Ion:146 Resp: 137540
Ion Ratio Lower Upper
146 100
111 47.3 22.0 66.0
148 63.5 31.1 93.5

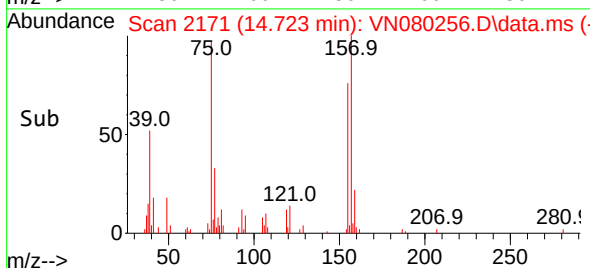
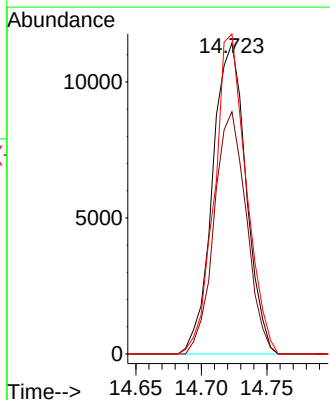
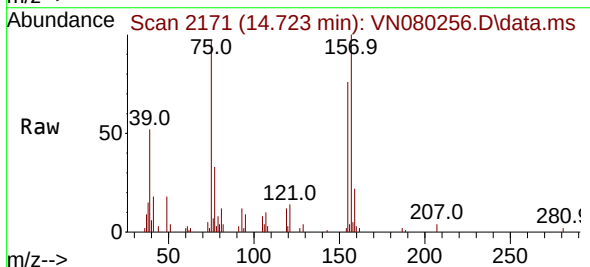
Manual Integrations
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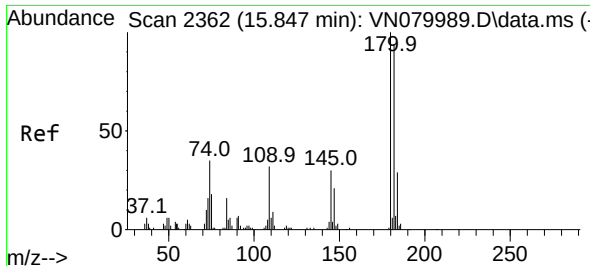
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 24.162 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

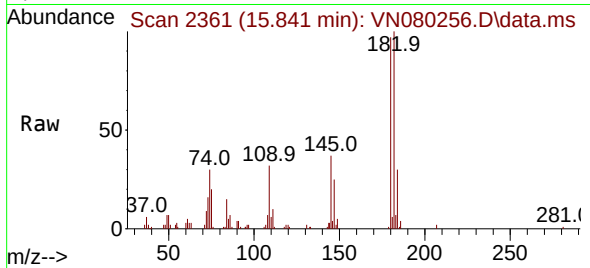
Tgt Ion: 75 Resp: 20278
Ion Ratio Lower Upper
75 100
155 74.8 60.7 91.1
157 97.8 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 24.967 ug/l
RT: 15.841 min Scan# 2362
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

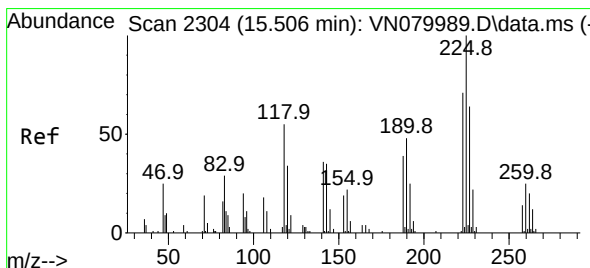
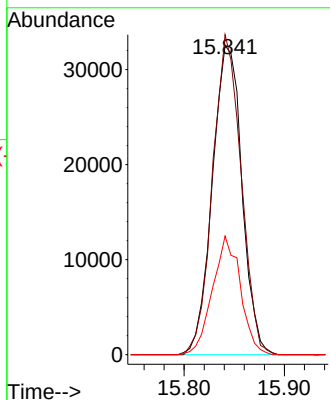
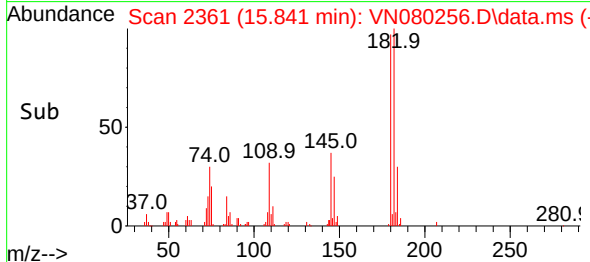
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02



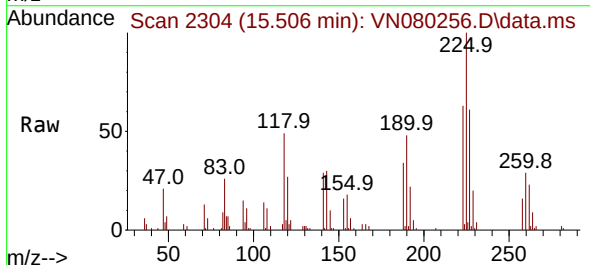
Tgt Ion:180 Resp: 66699
Ion Ratio Lower Upper
180 100
182 99.5 74.2 111.4
145 36.2 25.4 38.2

Manual Integrations
APPROVED

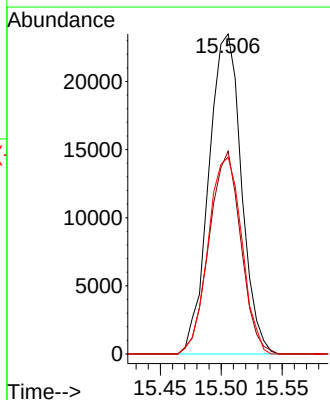
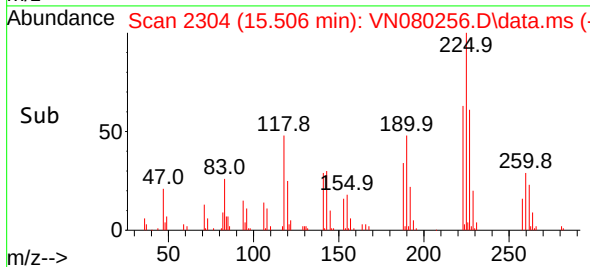
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

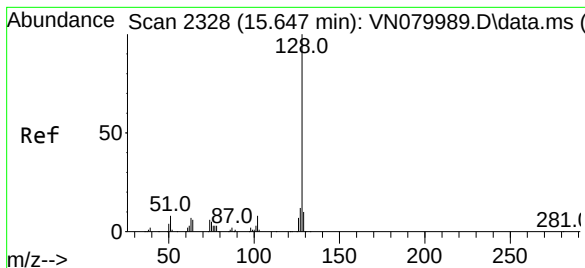


#90
Hexachlorobutadiene
Concen: 33.228 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20



Tgt Ion:225 Resp: 43748
Ion Ratio Lower Upper
225 100
223 61.8 0.0 126.0
227 63.4 0.0 127.0





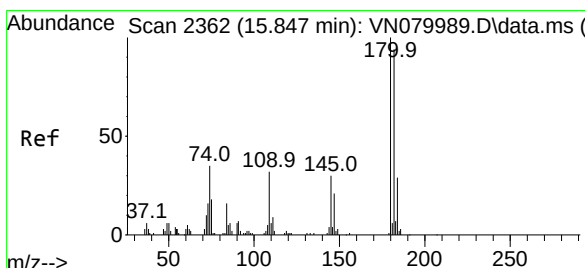
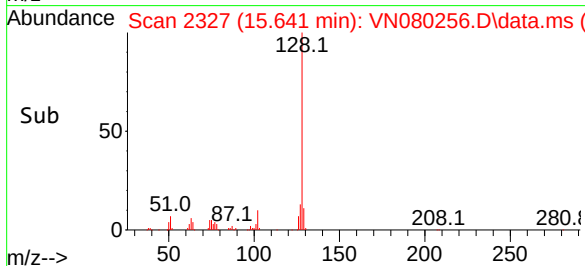
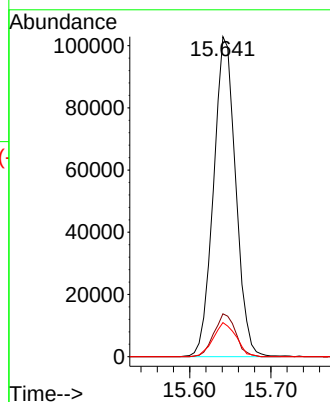
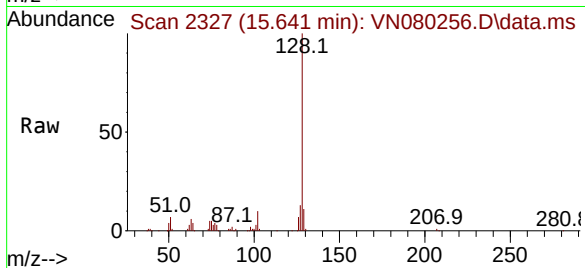
#91
Naphthalene
Concen: 22.763 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tgt Ion:128 Resp: 19515
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 11.0 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 24.967 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080256.D
Acq: 24 Nov 2023 12:20

Tgt Ion:180 Resp: 66699
Ion Ratio Lower Upper
180 100
182 99.5 0.0 185.6
145 36.2 0.0 63.6

