

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080255.D
 Acq On : 24 Nov 2023 11:57
 Operator : JC\MD
 Sample : VN1124WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Quant Time: Nov 27 04:04:42 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.812	128	37995	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	215268	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	192109	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	106970	33.539	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.800%#			
60) 4-Bromofluorobenzene	12.853	95	100987	32.872	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 109.567%			
63) Toluene-d8	10.571	98	277137	30.446	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	55749	22.503	ug/l	99
3) Chloromethane	2.360	50	36538	11.708	ug/l	99
4) Vinyl Chloride	2.512	62	42285	16.214	ug/l	96
5) Bromomethane	2.959	94	27557	19.299	ug/l	91
6) Chloroethane	3.130	64	26834	17.715	ug/l	94
7) Trichlorofluoromethane	3.501	101	91061	23.265	ug/l	89
8) Diethyl Ether	3.965	74	24645	17.540	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	41258	18.658	ug/l	92
10) 1,1-Dichloroethene	4.342	96	36980	18.904	ug/l	95
11) Methyl Iodide	4.595	142	49975	19.314	ug/l	87
12) Methyl Acetate	5.018	43	64775	12.772	ug/l #	80
13) Acrolein	4.183	56	33278	77.662	ug/l	99
14) Acrylonitrile	5.718	53	83521	69.334	ug/l	99
15) Acetone	4.430	58	26653	65.527	ug/l	96
16) Carbon Disulfide	4.712	76	107894	16.152	ug/l #	94
17) Allyl chloride	5.024	41	45154	13.210	ug/l	87
18) Methylene Chloride	5.277	84	45315	17.274	ug/l #	82
19) trans-1,2-Dichloroethene	5.783	96	41338	17.048	ug/l	95
20) Diisopropyl ether	6.671	45	106998	13.395	ug/l #	91
21) 1,1-Dichloroethane	6.565	63	77682	16.292	ug/l #	93
22) cis-1,2-Dichloroethene	7.483	96	49678	17.655	ug/l	91
23) tert-Butyl Alcohol	5.512	59	28042	86.243	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	134948	18.735	ug/l	99
25) Chloroform	7.965	83	93633	19.024	ug/l	91
26) Cyclohexane	8.259	56	55797	14.875	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	64383	17.426	ug/l	98
30) 2-Butanone	7.483	43	104187	59.049	ug/l #	88
31) 2,2-Dichloropropane	7.495	77	79511	19.912	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	89111	21.128	ug/l	97
33) Carbon Tetrachloride	8.359	117	82542	22.265	ug/l	99
34) Benzene	8.606	78	179253	16.333	ug/l	94
35) Methacrylonitrile	7.783	41	22935	12.398	ug/l	94
36) 1,2-Dichloroethane	8.671	62	78033	19.646	ug/l	98
37) Trichloroethene	9.353	130	48635	18.427	ug/l	92
38) Methylcyclohexane	9.600	83	56642	16.328	ug/l	97
39) 1,2-Dichloropropane	9.624	63	41379	14.244	ug/l	99
40) Dibromomethane	9.712	93	32515	17.316	ug/l	93
41) Bromodichloromethane	9.888	83	73326	18.855	ug/l	95
42) Vinyl Acetate	6.606	43	338023m	77.128	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080255.D
 Acq On : 24 Nov 2023 11:57
 Operator : JC\MD
 Sample : VN1124WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 04:04:42 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)
43) Ethyl Acetate	7.565	43	41579m	12.544	ug/l	
44) Isopropyl Acetate	8.689	43	70987	13.144	ug/l #	87
45) 1,4-Dioxane	9.700	88	13892	333.773	ug/l	91
46) Methyl methacrylate	9.683	41	28582	11.009	ug/l	82
47) n-amyl Acetate	12.494	43	54440	12.549	ug/l #	88
48) t-1,3-Dichloropropene	10.835	75	72475	18.248	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	74953	17.071	ug/l #	88
50) 1,1,2-Trichloroethane	11.018	97	44164	17.242	ug/l	93
51) Ethyl methacrylate	10.877	69	58540	15.901	ug/l	80
52) 1,3-Dichloropropane	11.165	76	73985	16.156	ug/l	100
53) Dibromochloromethane	11.359	129	53261	19.437	ug/l	99
54) 1,2-Dibromoethane	11.471	107	43176	16.787	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	91920	54.286	ug/l #	94
56) Bromoform	12.582	173	36831	20.512	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	204262	63.643	ug/l #	87
59) 2-Hexanone	11.200	43	152859	62.522	ug/l #	89
61) Tetrachloroethene	11.106	164	48712	21.628	ug/l	95
62) Toluene	10.630	91	195807	17.623	ug/l	97
64) Chlorobenzene	11.894	112	115960	17.488	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.959	131	50534	20.776	ug/l	93
66) Ethyl Benzene	11.965	91	207754	17.794	ug/l	95
67) m/p-Xylenes	12.071	106	161982	37.264	ug/l	92
68) o-Xylene	12.400	106	76538	18.370	ug/l	91
69) Styrene	12.412	104	129826	18.823	ug/l	96
70) Isopropylbenzene	12.700	105	196976	18.953	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	53507	15.116	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	59442m	18.073	ug/l	
73) Bromobenzene	12.982	156	49148	19.236	ug/l	95
74) n-propylbenzene	13.035	91	224672	18.071	ug/l	99
75) 2-Chlorotoluene	13.129	91	148770	18.825	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	174349	20.282	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	18087	16.795	ug/l	94
78) 4-Chlorotoluene	13.224	91	147344	18.773	ug/l	99
79) tert-butylbenzene	13.441	119	137449	20.417	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	171398	20.334	ug/l	97
81) sec-Butylbenzene	13.618	105	185098	19.478	ug/l	98
82) p-Isopropyltoluene	13.735	119	155663	20.170	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	88297	18.965	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	88205	19.302	ug/l	95
85) n-Butylbenzene	14.059	91	126785	19.642	ug/l	97
86) Hexachloroethane	14.335	117	29329	19.544	ug/l	81
87) 1,2-Dichlorobenzene	14.112	146	86415	19.428	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12082	18.664	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	40442	19.626	ug/l	95
90) Hexachlorobutadiene	15.500	225	27288	26.871	ug/l	99
91) Naphthalene	15.641	128	111073	16.797	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	40442	19.626	ug/l	95

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

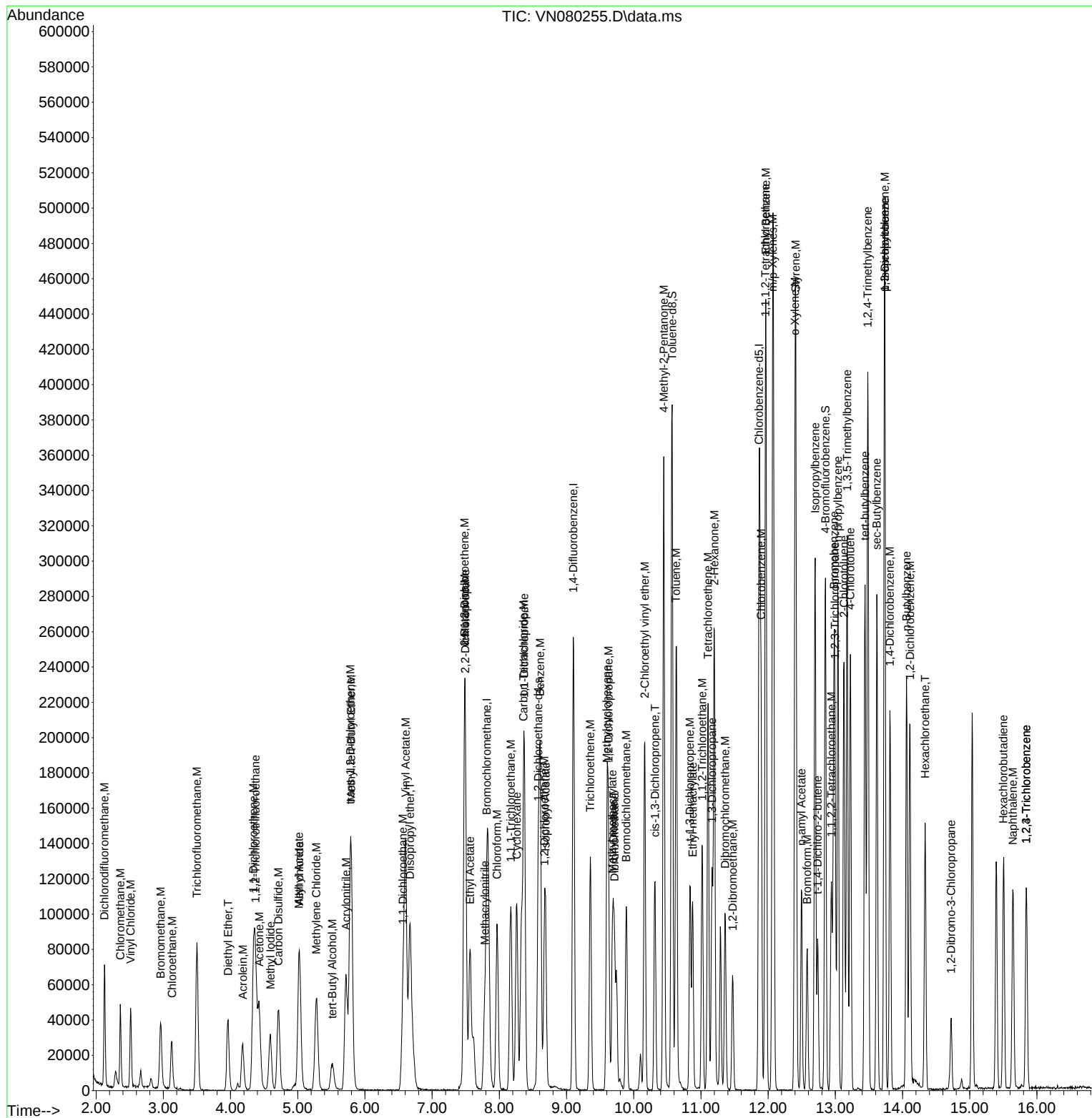
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080255.D
 Acq On : 24 Nov 2023 11:57
 Operator : JC\MD
 Sample : VN1124WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

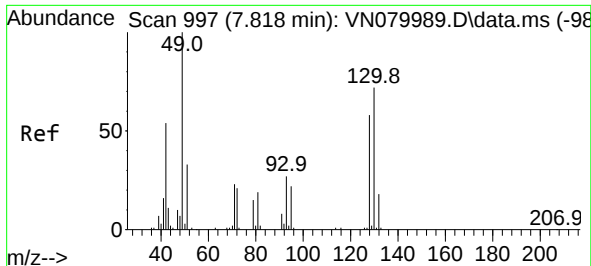
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Quant Time: Nov 27 04:04:42 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

Manual Integrations APPROVED

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





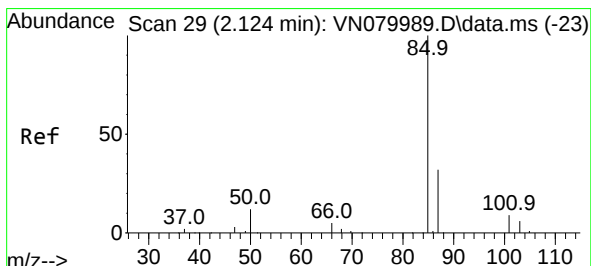
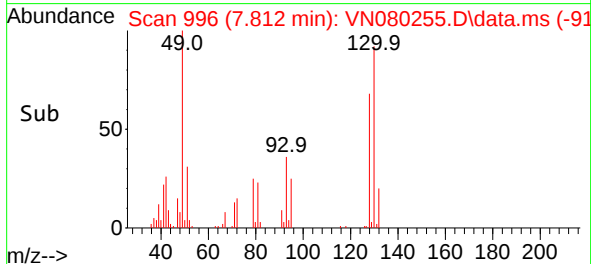
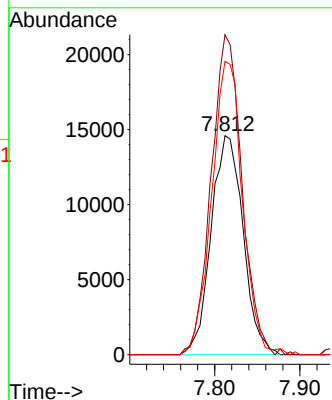
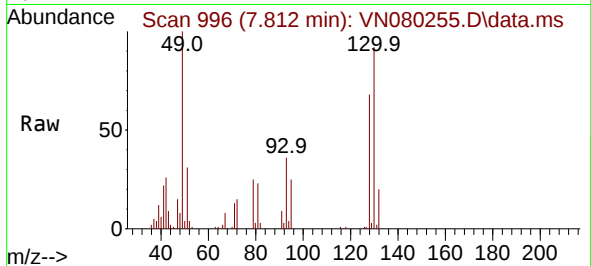
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
Client Sample Id :
VN1124WBS02

Tgt Ion: 128 Resp: 3799
Ion Ratio Lower Upper
128 100
49 140.2 0.0 468.5
130 129.1 0.0 320.7

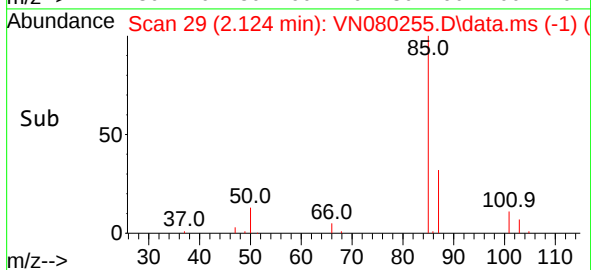
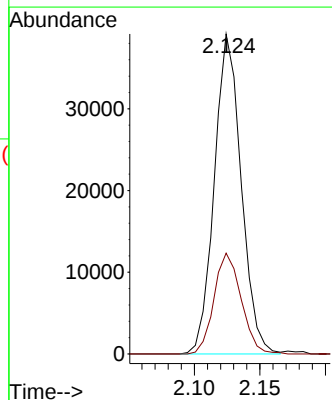
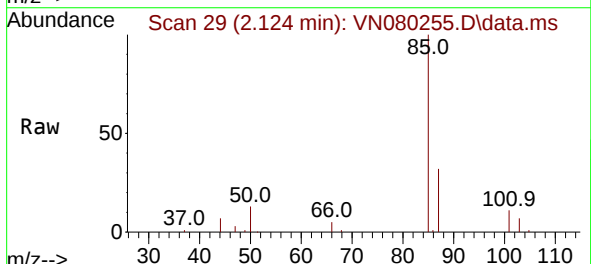
Manual Integrations
APPROVED

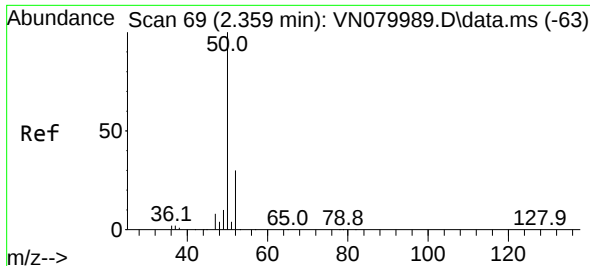
Reviewed By : John Carlone 11/27/2023
Supervised By : Mahesh Dadoda 11/27/2023



#2
Dichlorodifluoromethane
Concen: 22.503 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

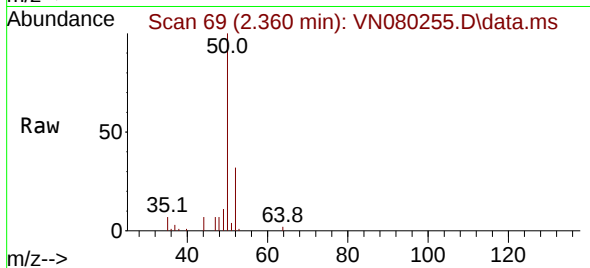
Tgt Ion: 85 Resp: 55749
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.7





#3
Chloromethane
Concen: 11.708 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

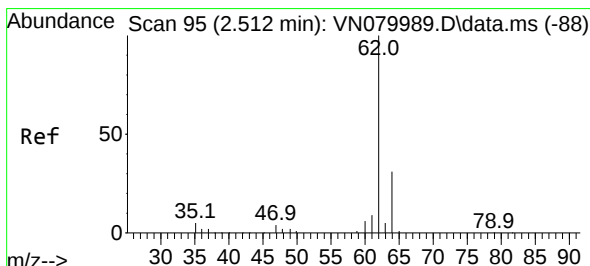
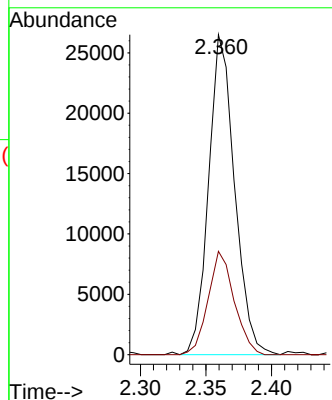
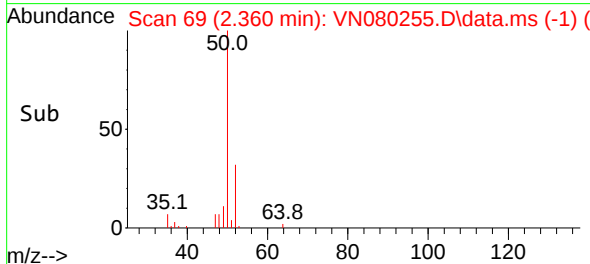
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



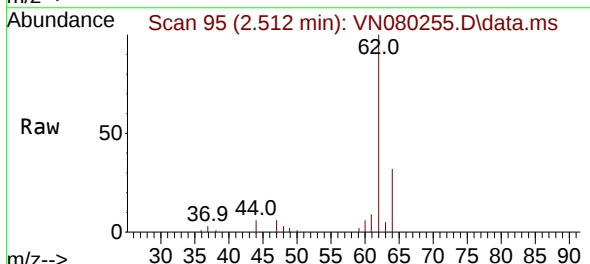
Tgt Ion: 50 Resp: 36538
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4

Manual Integrations
APPROVED

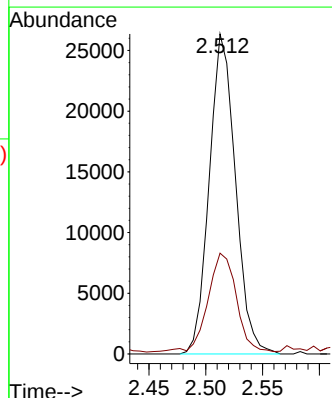
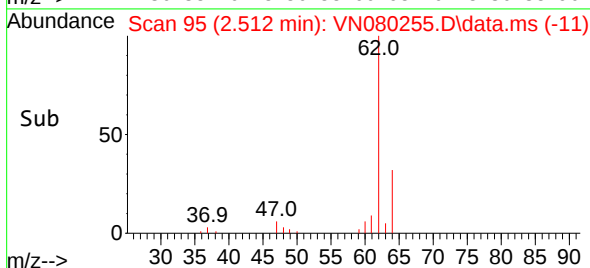
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

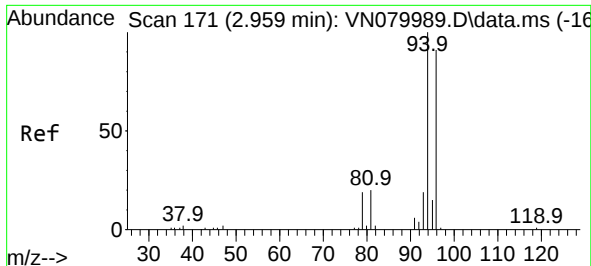


#4
Vinyl Chloride
Concen: 16.214 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



Tgt Ion: 62 Resp: 42285
Ion Ratio Lower Upper
62 100
64 30.7 26.4 39.6





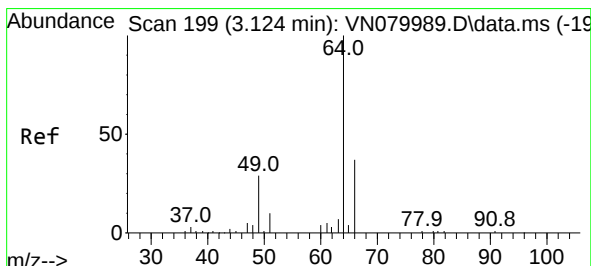
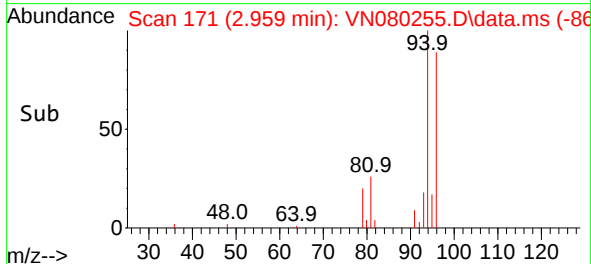
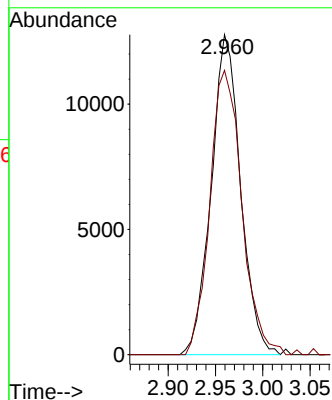
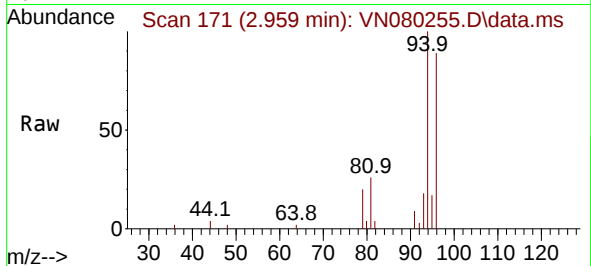
#5
Bromomethane
Concen: 19.299 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion: 94 Resp: 2755
Ion Ratio Lower Upper
94 100
96 88.8 77.8 116.6

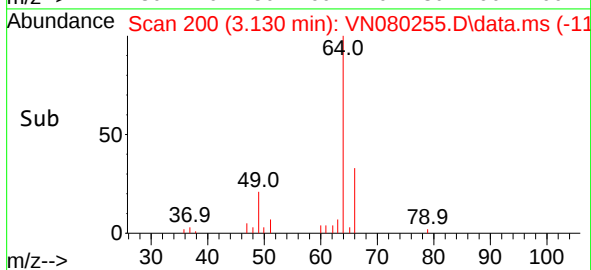
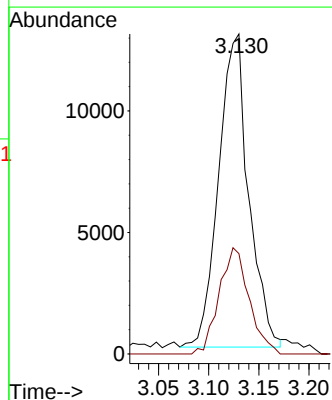
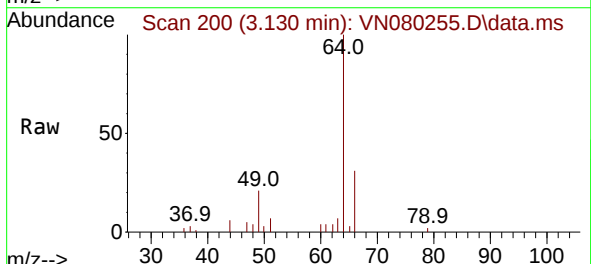
Manual Integrations
APPROVED

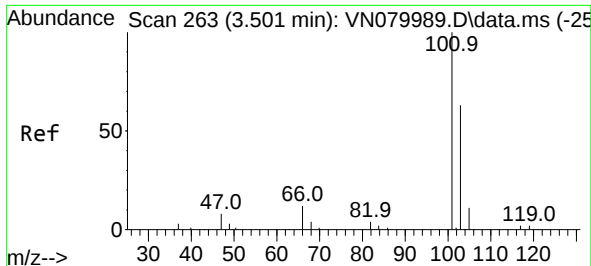
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#6
Chloroethane
Concen: 17.715 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

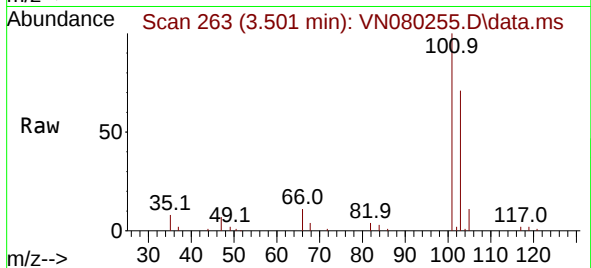
Tgt Ion: 64 Resp: 26834
Ion Ratio Lower Upper
64 100
66 32.1 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 23.265 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57

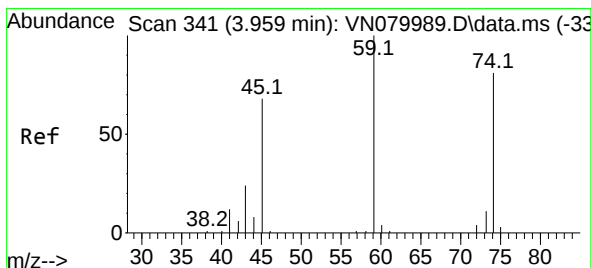
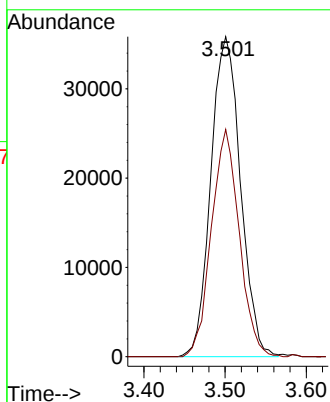
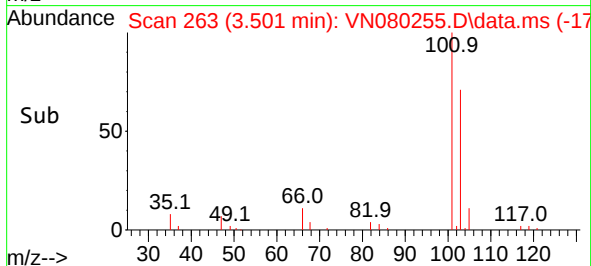
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02



Tgt Ion:101 Resp: 9106
 Ion Ratio Lower Upper
 101 100
 103 71.0 49.9 74.9

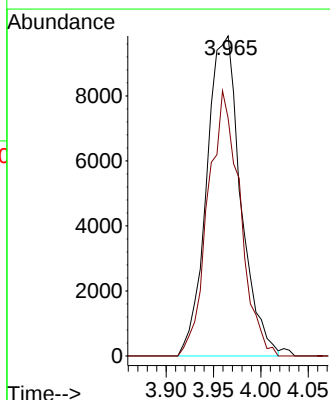
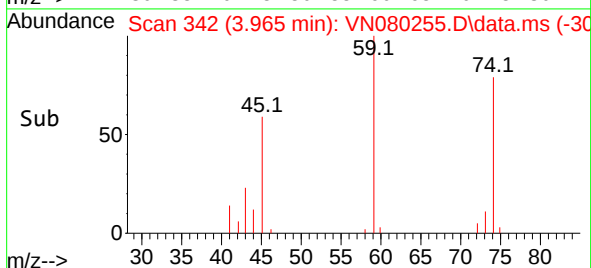
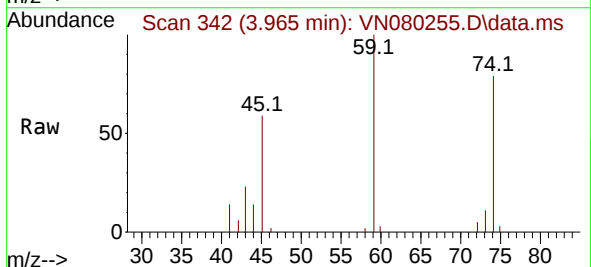
Manual Integrations
 APPROVED

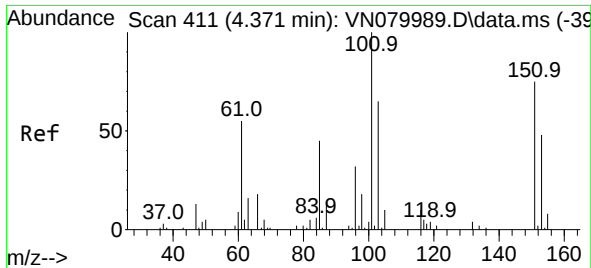
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#8
 Diethyl Ether
 Concen: 17.540 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57

Tgt Ion: 74 Resp: 24645
 Ion Ratio Lower Upper
 74 100
 45 78.1 19.0 171.0





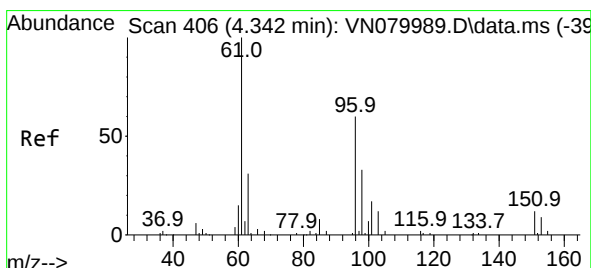
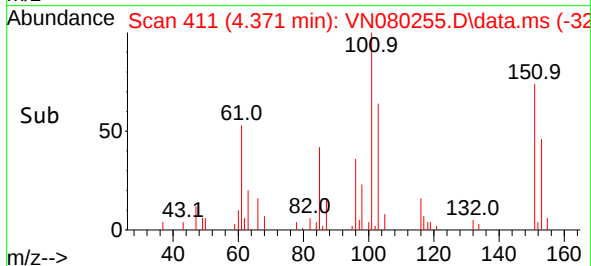
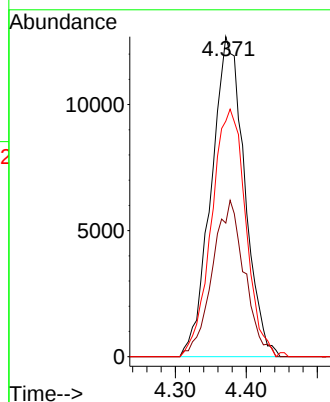
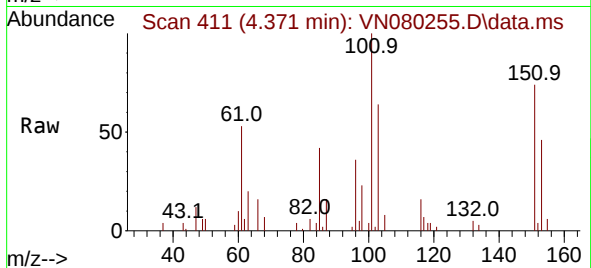
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.658 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion:101 Resp: 41258
Ion Ratio Lower Upper
101 100
85 47.4 0.0 92.0
151 79.5 0.0 138.4

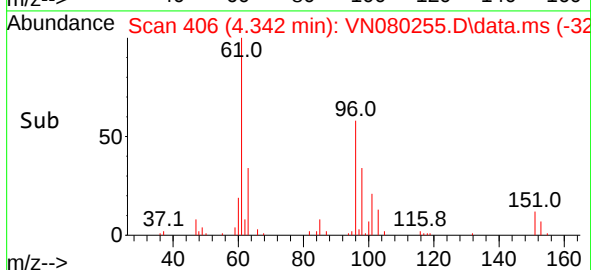
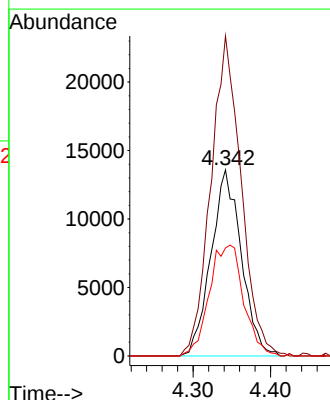
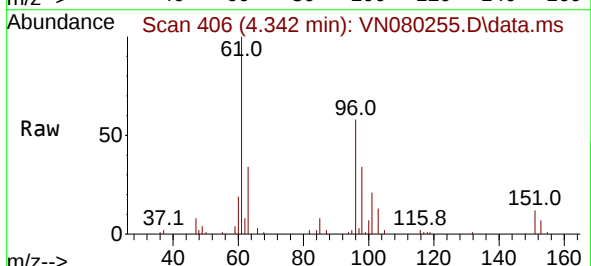
Manual Integrations
APPROVED

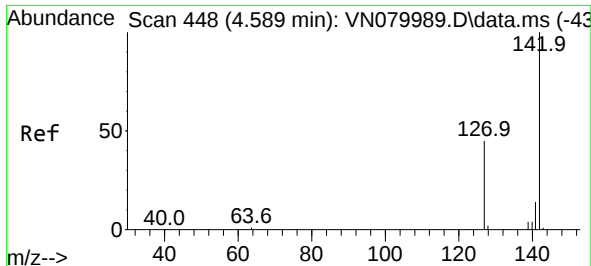
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 18.904 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

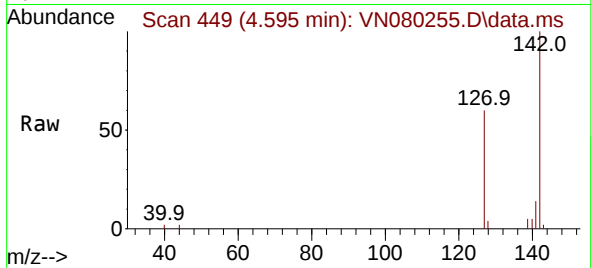
Tgt Ion: 96 Resp: 36980
Ion Ratio Lower Upper
96 100
61 171.9 141.3 211.9
98 58.0 53.2 79.8





#11
Methyl Iodide
Concen: 19.314 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

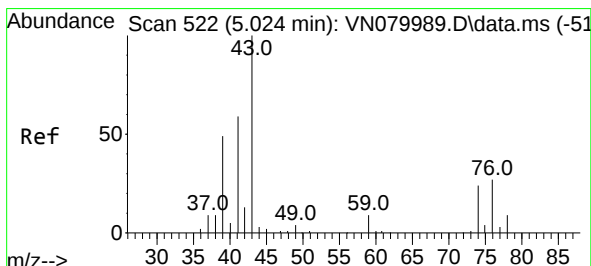
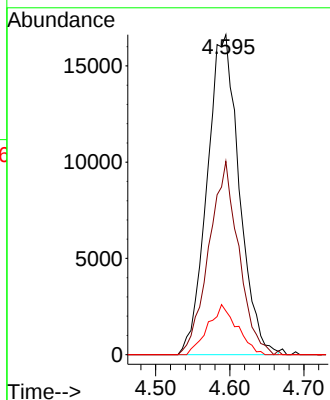
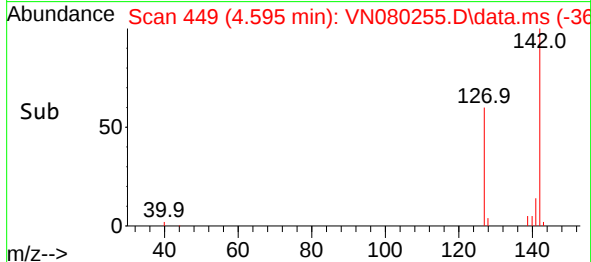
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion:142 Resp: 49975
Ion Ratio Lower Upper
142 100
127 60.1 24.6 73.8
141 13.7 7.7 23.1

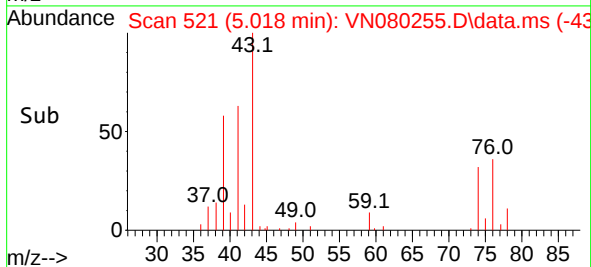
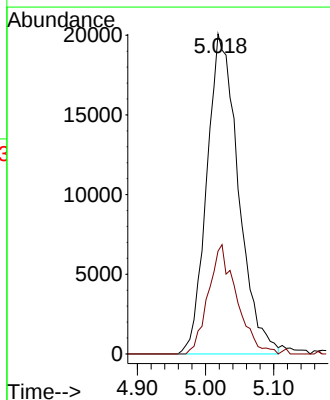
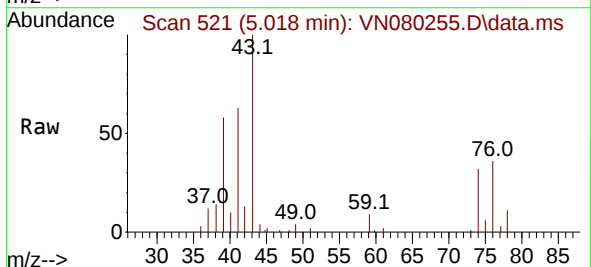
Manual Integrations
APPROVED

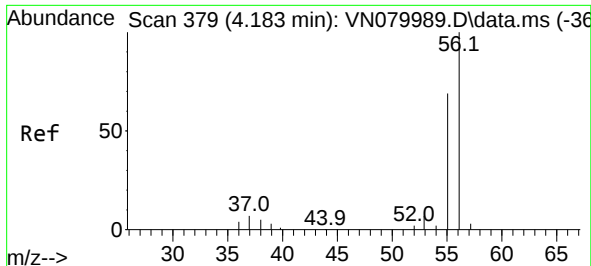
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#12
Methyl Acetate
Concen: 12.772 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 43 Resp: 64775
Ion Ratio Lower Upper
43 100
74 32.4 18.1 27.1#





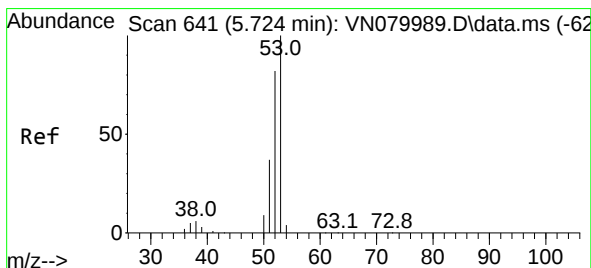
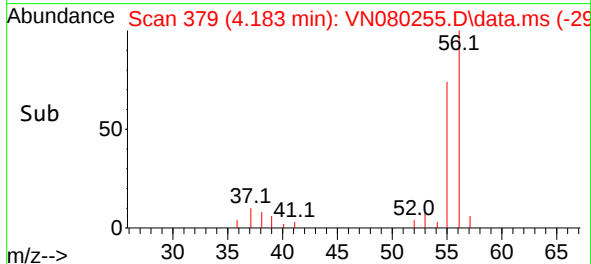
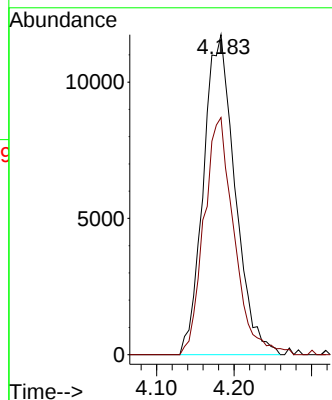
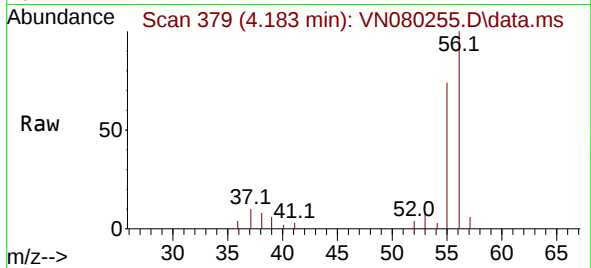
#13
Acrolein
Concen: 77.662 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion: 56 Resp: 33278
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

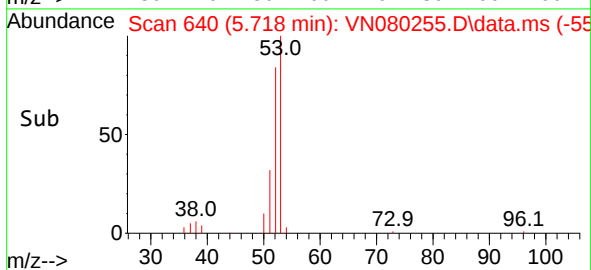
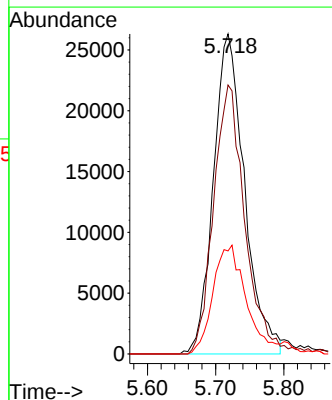
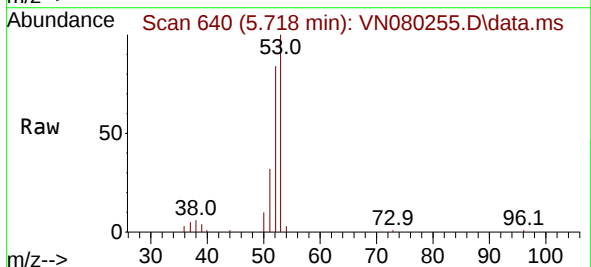
Manual Integrations
APPROVED

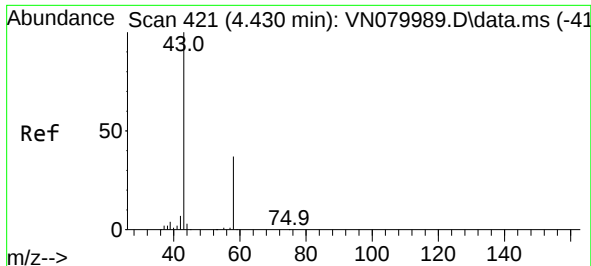
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#14
Acrylonitrile
Concen: 69.334 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 53 Resp: 83521
Ion Ratio Lower Upper
53 100
52 82.7 41.6 124.9
51 36.3 17.8 53.3





#15

Acetone

Concen: 65.527 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tgt Ion: 58 Resp: 2665

Ion Ratio Lower Upper

58 100

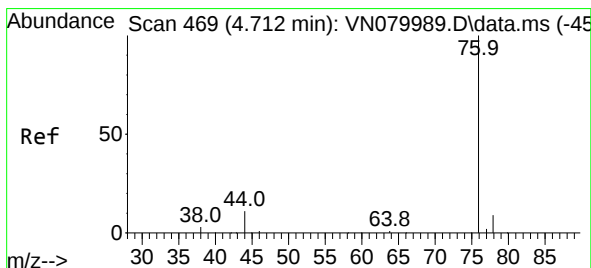
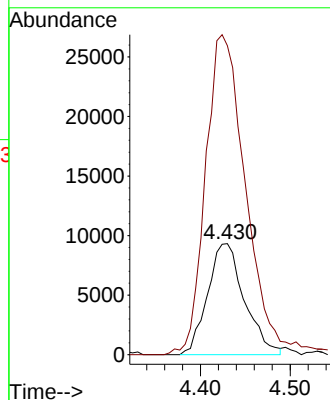
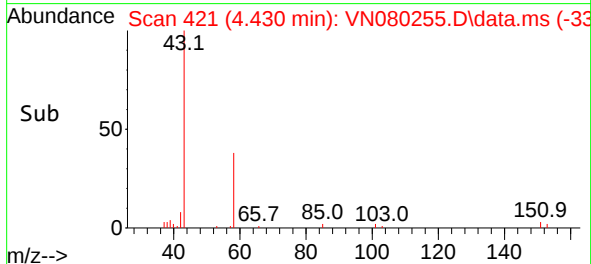
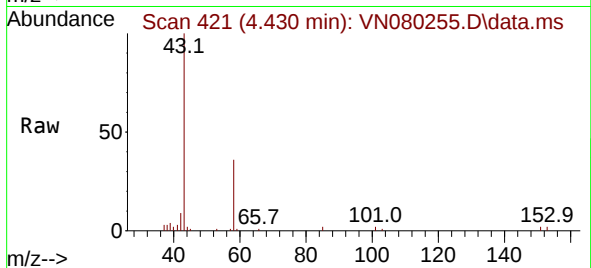
43 274.2 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#16

Carbon Disulfide

Concen: 16.152 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN080255.D

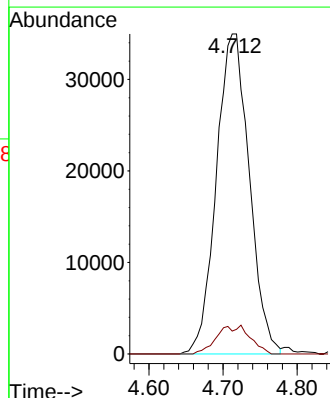
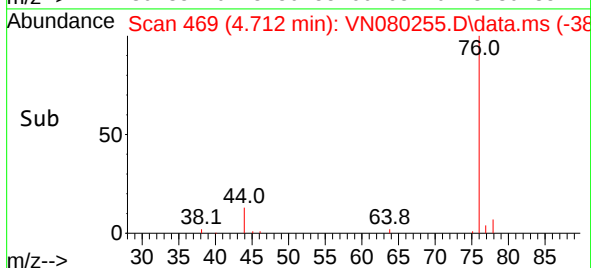
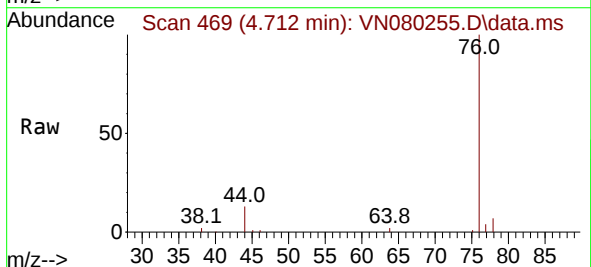
Acq: 24 Nov 2023 11:57

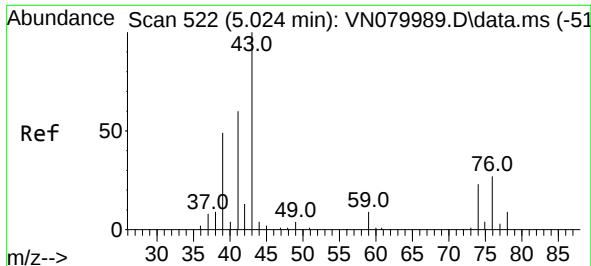
Tgt Ion: 76 Resp: 107894

Ion Ratio Lower Upper

76 100

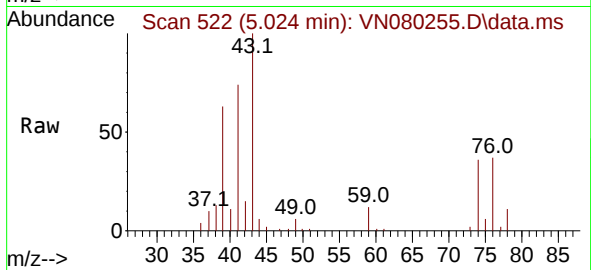
78 7.1 7.5 11.3#





#17
 Allyl chloride
 Concen: 13.210 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57

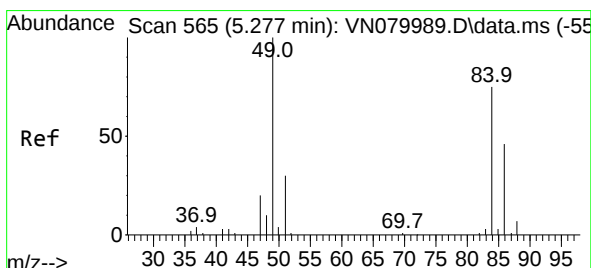
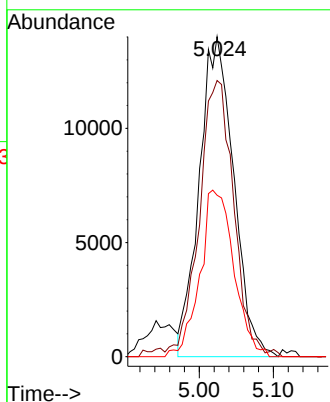
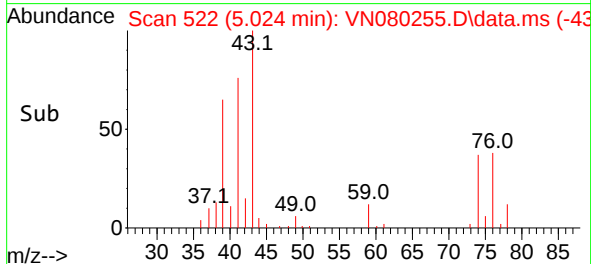
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02



Tgt Ion: 41 Resp: 45154
 Ion Ratio Lower Upper
 41 100
 39 85.1 38.4 115.2
 76 50.5 19.5 58.5

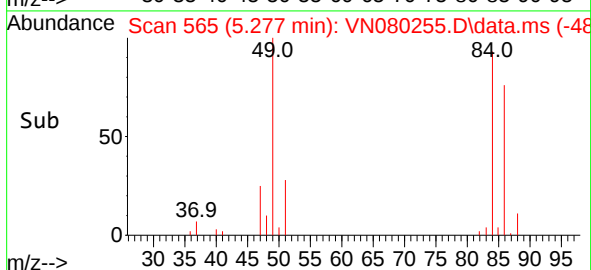
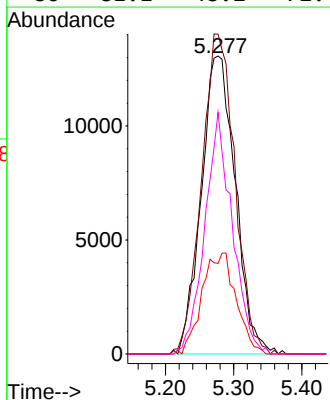
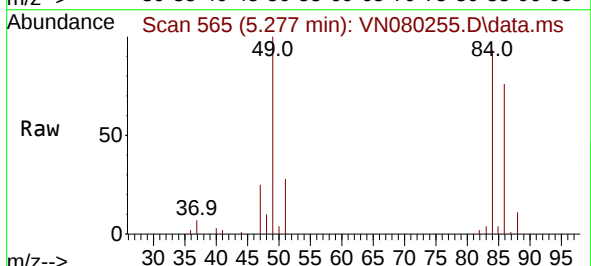
Manual Integrations
 APPROVED

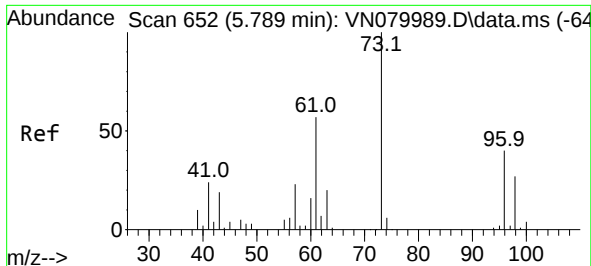
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#18
 Methylene Chloride
 Concen: 17.274 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57

Tgt Ion: 84 Resp: 45315
 Ion Ratio Lower Upper
 84 100
 49 107.4 100.9 151.3
 51 30.4 29.4 44.2
 86 81.1 48.2 72.4#





#19

trans-1,2-Dichloroethene

Concen: 17.048 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.011 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tgt Ion: 96 Resp: 41338

Ion Ratio Lower Upper

96 100

61 133.3 113.4 170.0

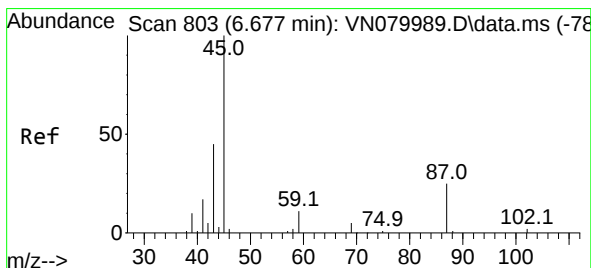
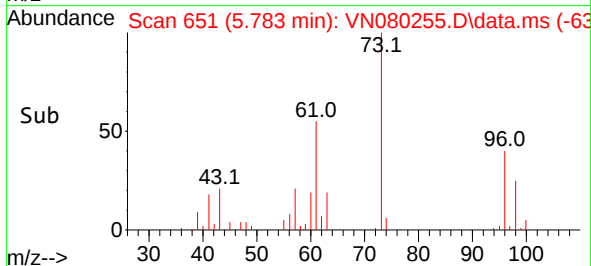
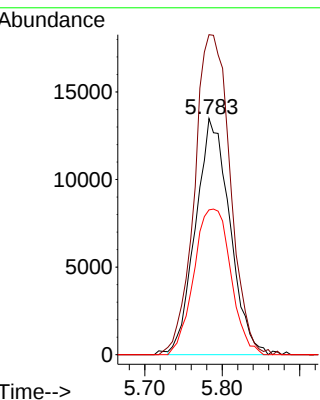
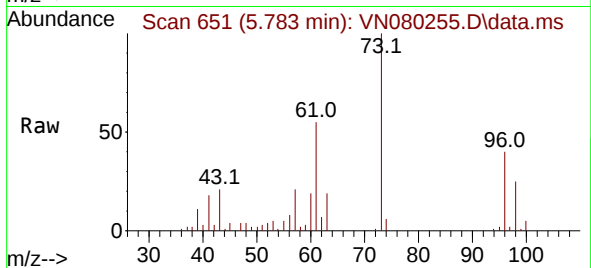
98 61.3 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#20

Diisopropyl ether

Concen: 13.395 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.012 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Tgt Ion: 45 Resp: 106998

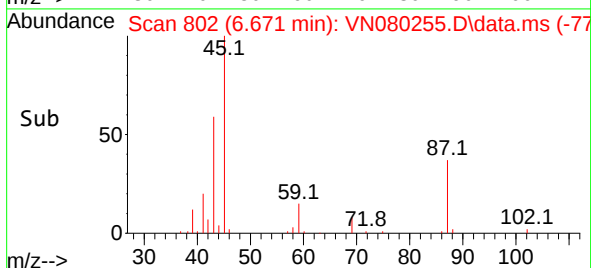
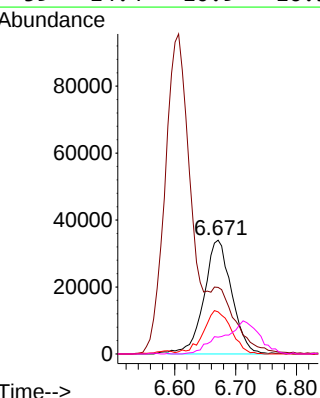
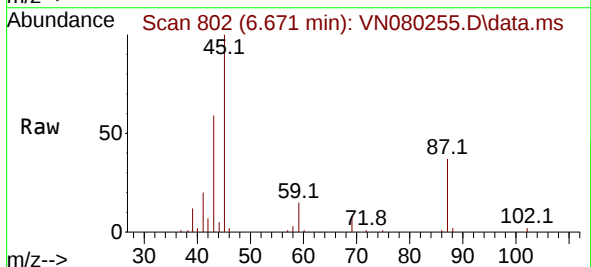
Ion Ratio Lower Upper

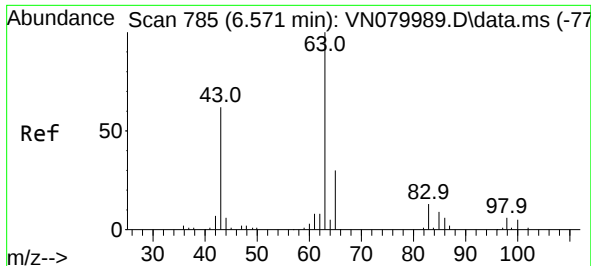
45 100

43 55.6 42.1 63.1

87 37.2 20.5 30.7#

59 14.4 10.9 16.3





#21

1,1-Dichloroethane

Concen: 16.292 ug/l

RT: 6.565 min Scan# 77

Delta R.T. -0.012 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tgt Ion: 63 Resp: 7768

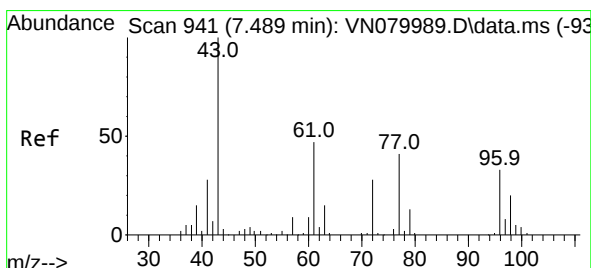
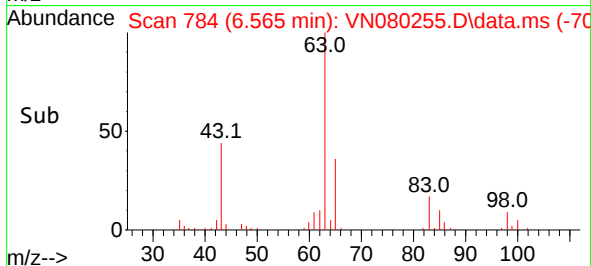
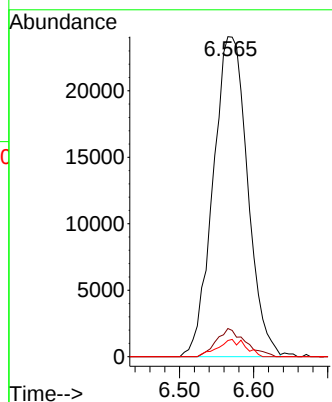
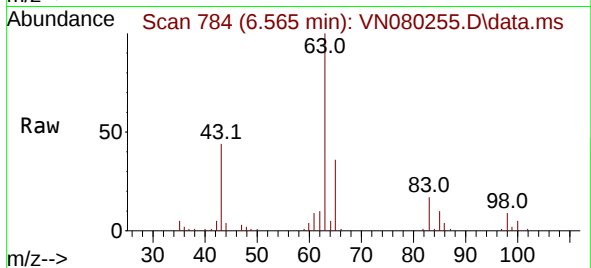
Ion	Ratio	Lower	Upper
63	100		
98	8.8	2.8	8.4
100	5.1	1.9	5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#22

cis-1,2-Dichloroethene

Concen: 17.655 ug/l

RT: 7.483 min Scan# 940

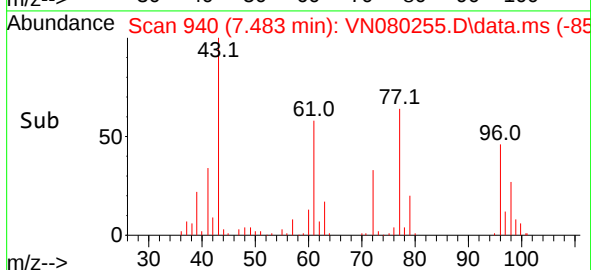
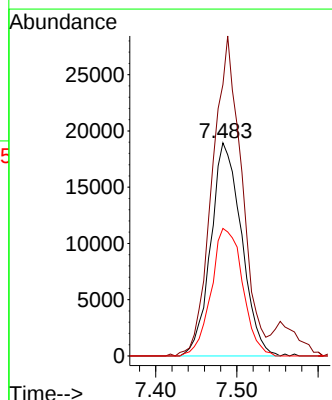
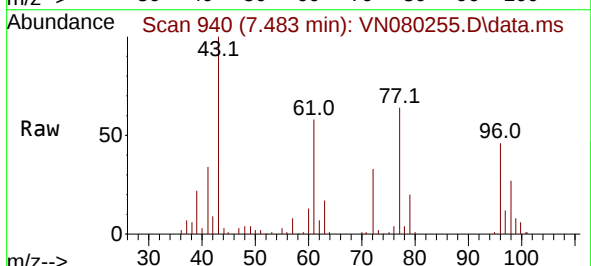
Delta R.T. -0.011 min

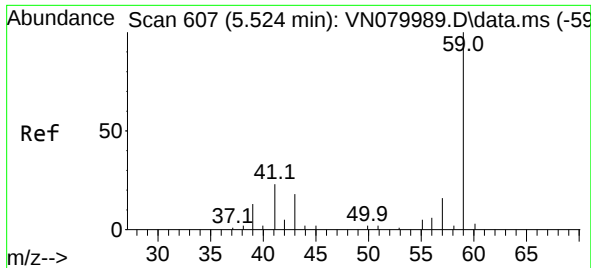
Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Tgt Ion: 96 Resp: 49678

Ion	Ratio	Lower	Upper
96	100		
61	144.3	124.6	186.8
98	61.3	54.2	81.4





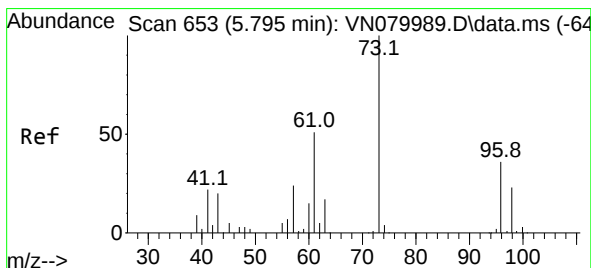
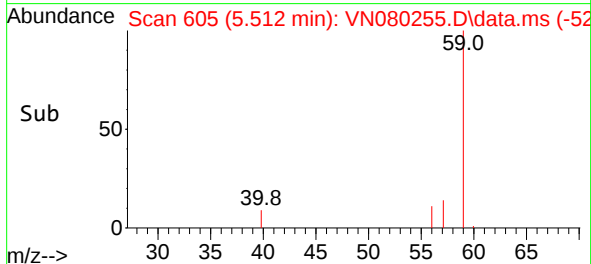
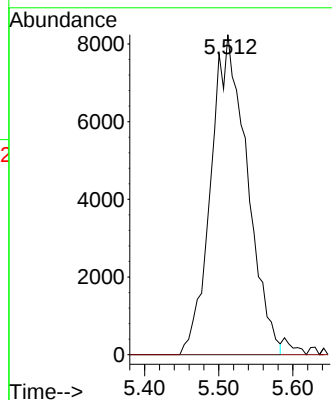
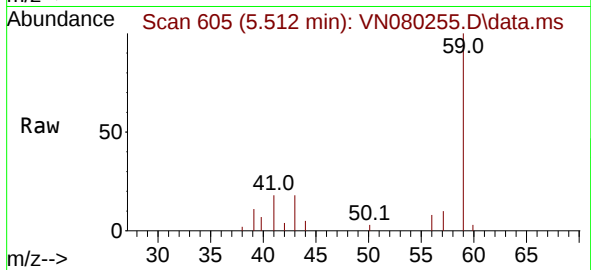
#23
tert-Butyl Alcohol
Concen: 86.243 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion: 59 Resp: 2804
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

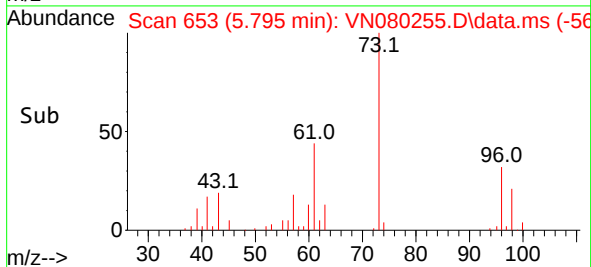
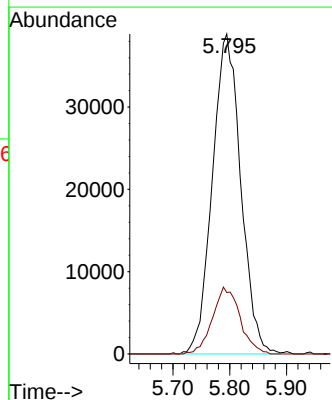
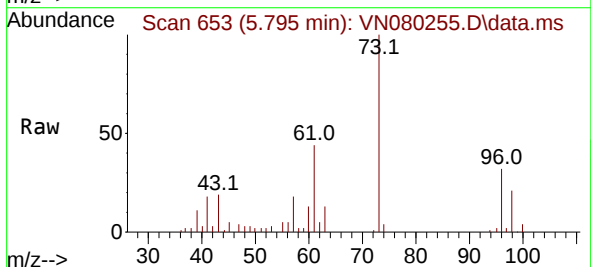
Manual Integrations
APPROVED

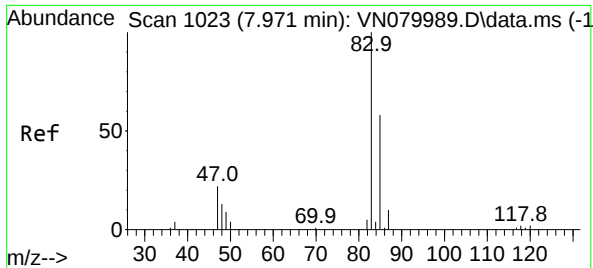
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 18.735 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 73 Resp: 134948
Ion Ratio Lower Upper
73 100
43 20.2 16.6 24.8





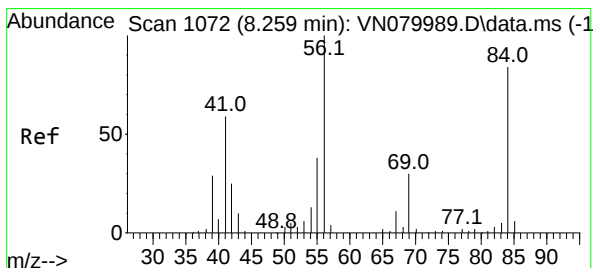
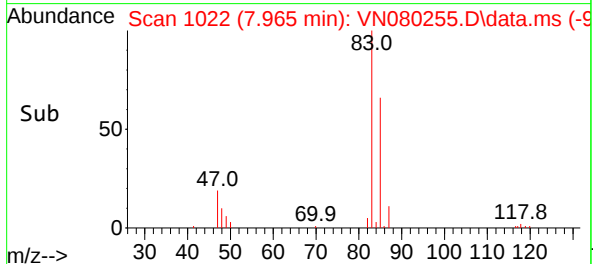
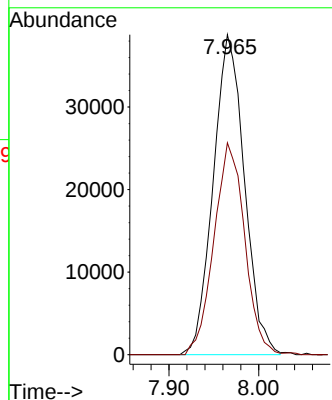
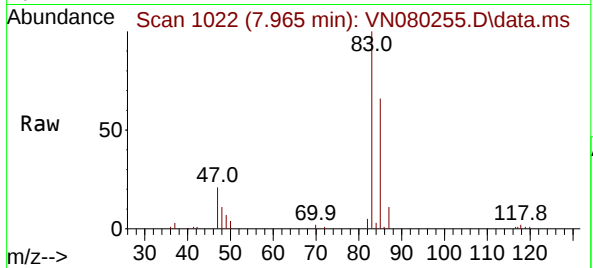
#25
Chloroform
Concen: 19.024 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion: 83 Resp: 9363
Ion Ratio Lower Upper
83 100
85 66.2 47.4 71.2

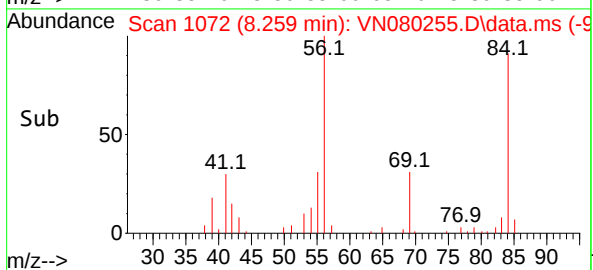
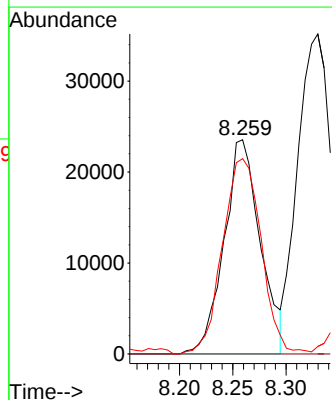
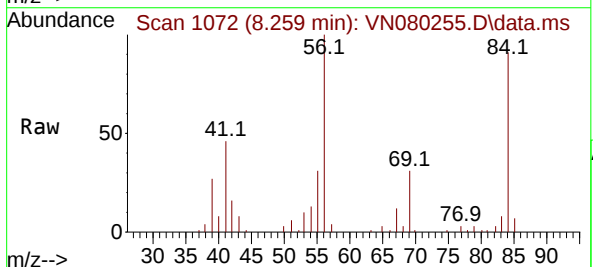
Manual Integrations
APPROVED

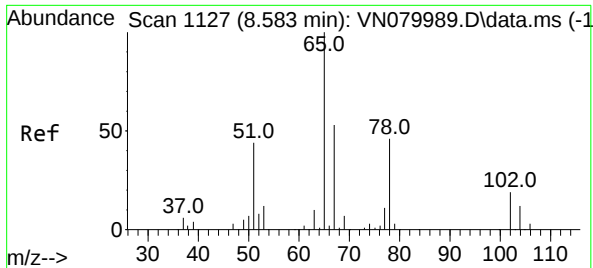
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 14.875 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 56 Resp: 55797
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 96.7 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 33.539 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tgt Ion: 65 Resp: 106970

Ion Ratio Lower Upper

65 100

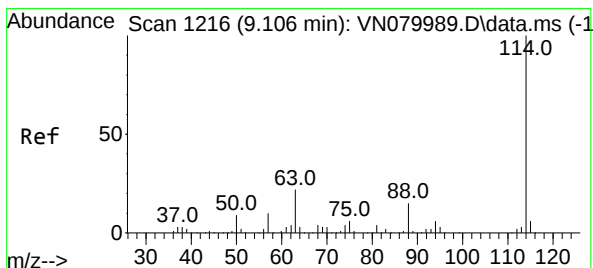
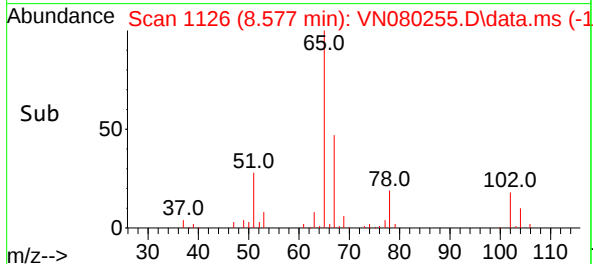
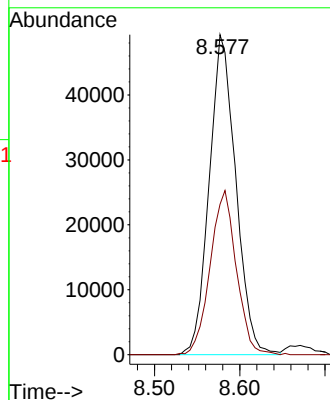
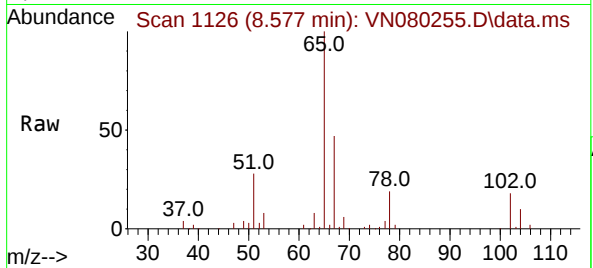
67 50.5 42.1 63.1

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: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

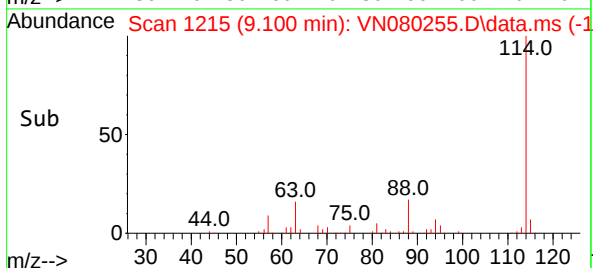
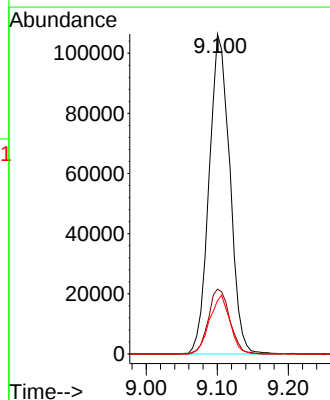
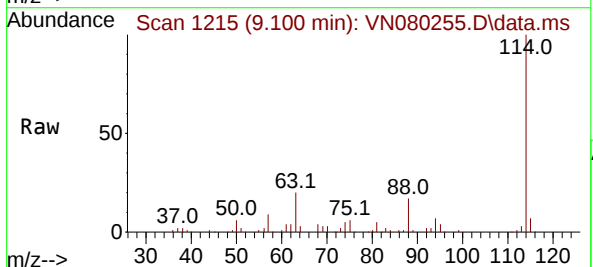
Tgt Ion:114 Resp: 215268

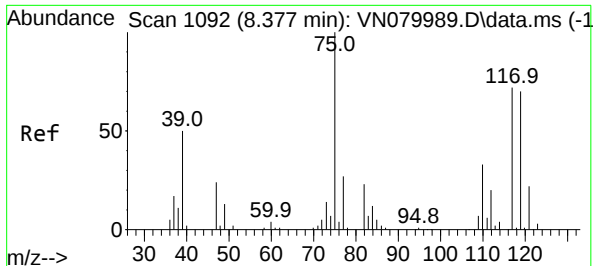
Ion Ratio Lower Upper

114 100

63 21.0 18.1 27.1

88 18.1 12.2 18.2





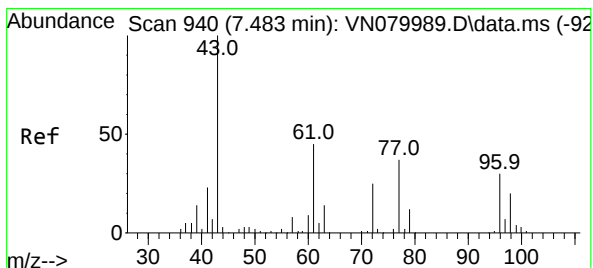
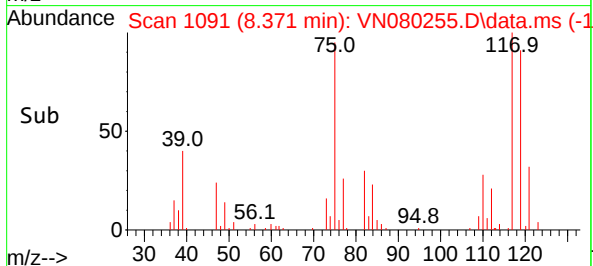
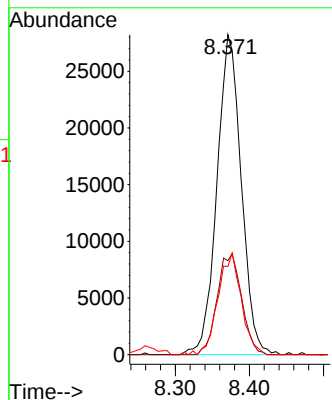
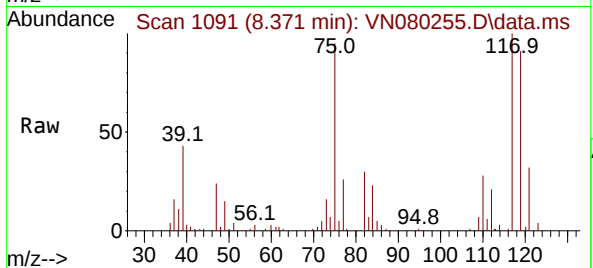
#29
1,1-Dichloropropene
Concen: 17.426 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion: 75 Resp: 6438
Ion Ratio Lower Upper
75 100
110 31.7 0.0 66.8
77 30.2 0.0 61.2

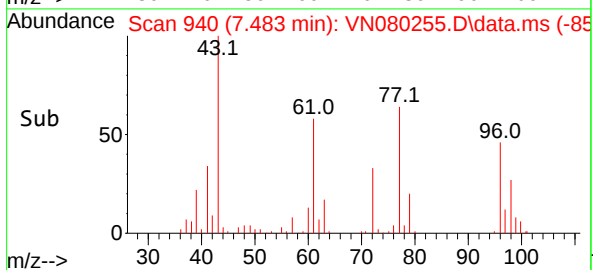
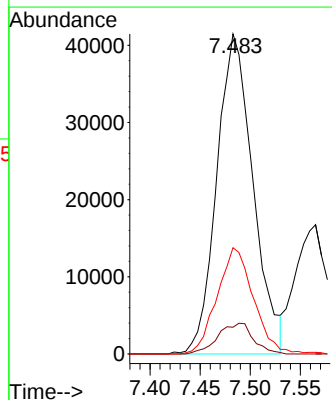
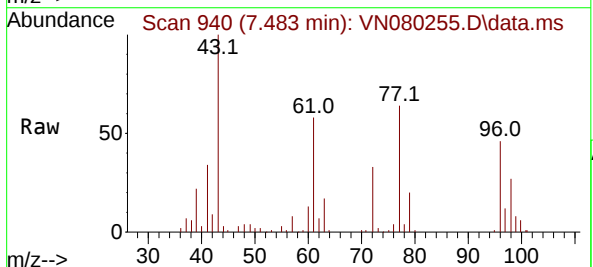
Manual Integrations
APPROVED

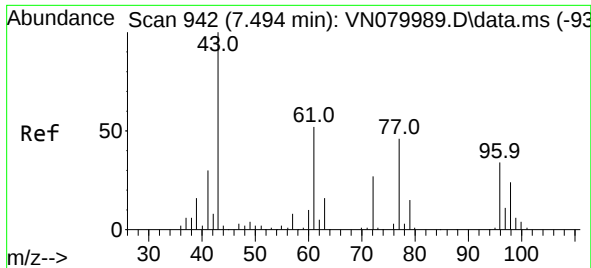
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#30
2-Butanone
Concen: 59.049 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

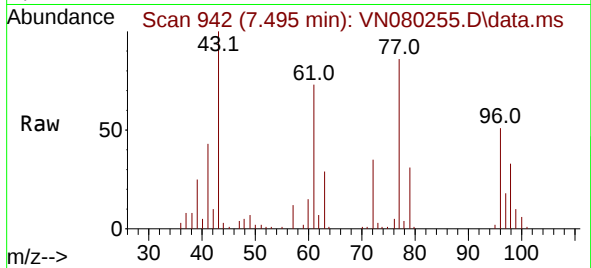
Tgt Ion: 43 Resp: 104187
Ion Ratio Lower Upper
43 100
57 9.4 6.4 9.6
72 33.2 20.7 31.1#





#31
2,2-Dichloropropane
Concen: 19.912 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

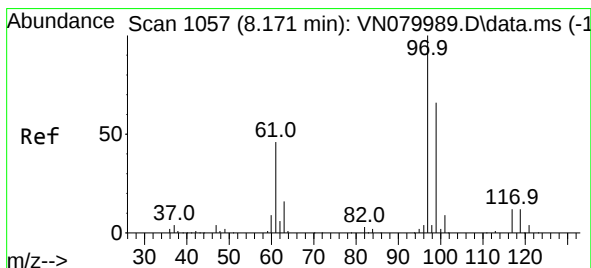
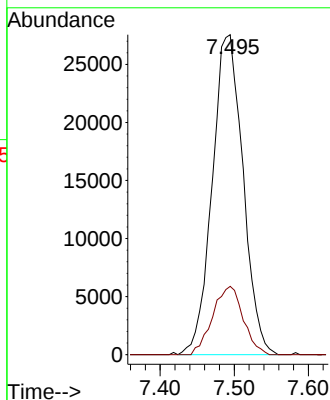
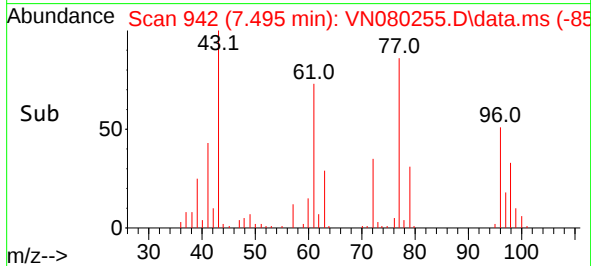
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



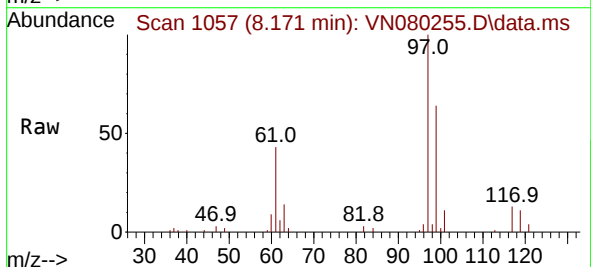
Tgt Ion: 77 Resp: 7951
Ion Ratio Lower Upper
77 100
97 21.1 17.9 26.9

Manual Integrations
APPROVED

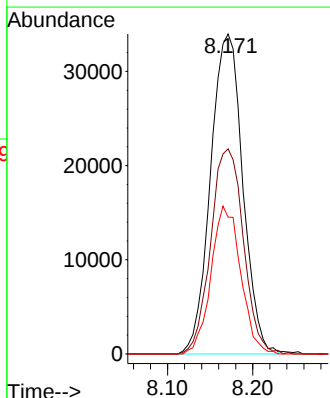
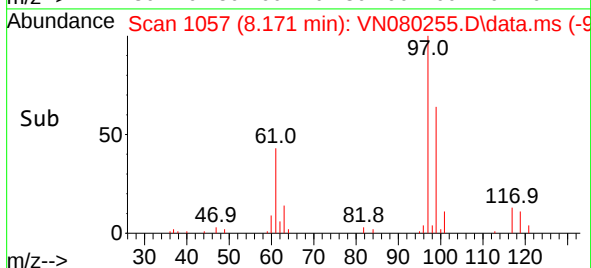
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

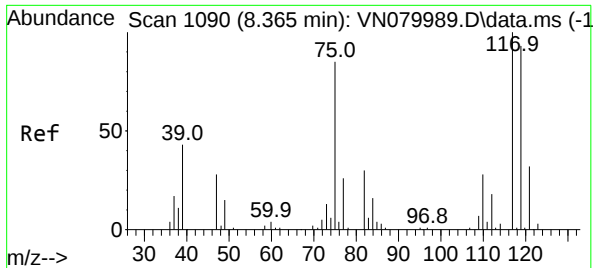


#32
1,1,1-Trichloroethane
Concen: 21.128 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



Tgt Ion: 97 Resp: 89111
Ion Ratio Lower Upper
97 100
99 65.2 51.9 77.9
61 42.6 37.6 56.4





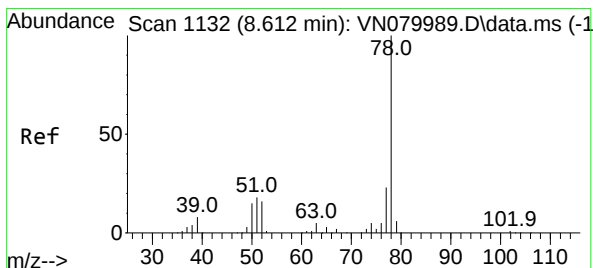
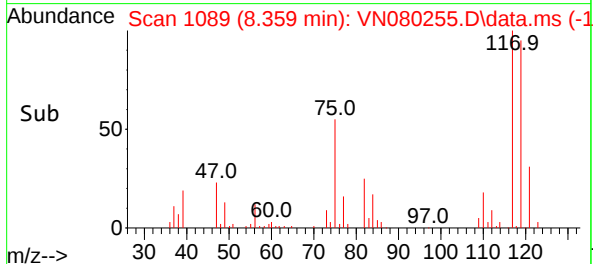
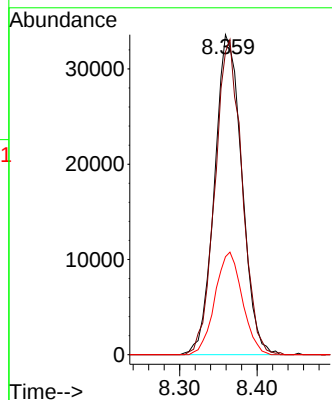
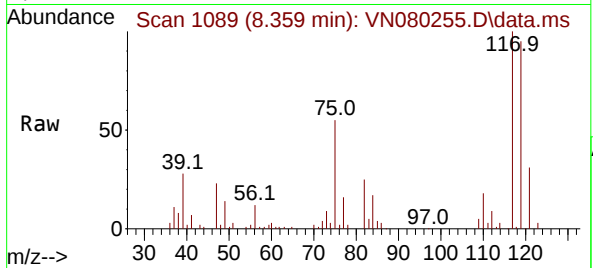
#33
Carbon Tetrachloride
Concen: 22.265 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion:117 Resp: 8254
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.6
121 30.6 24.3 36.5

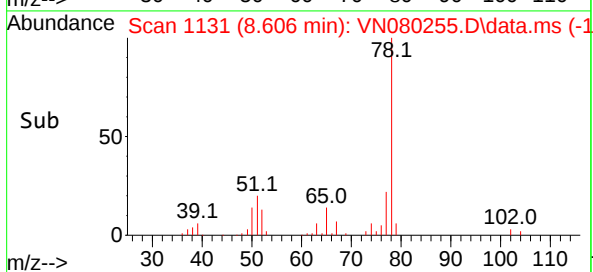
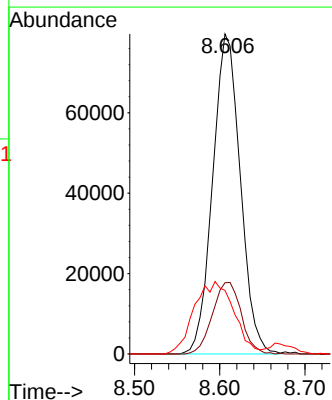
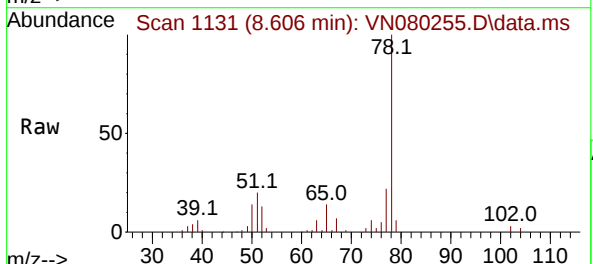
Manual Integrations
APPROVED

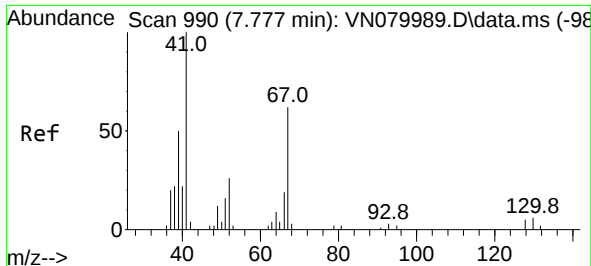
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 16.333 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 78 Resp: 179253
Ion Ratio Lower Upper
78 100
77 22.3 19.7 29.5
51 16.7 15.8 23.6





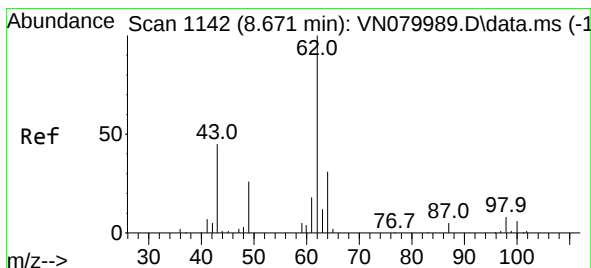
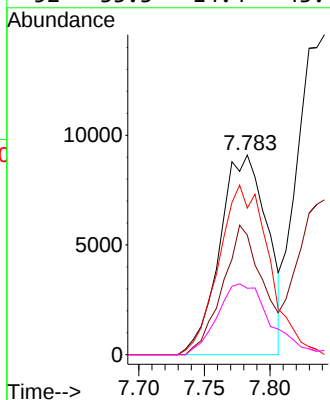
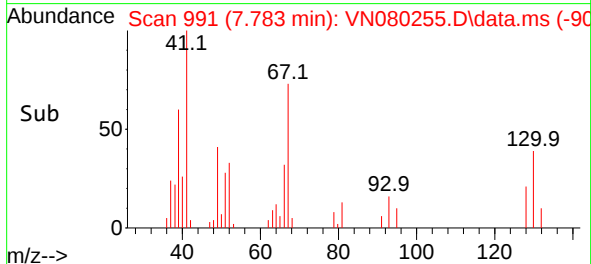
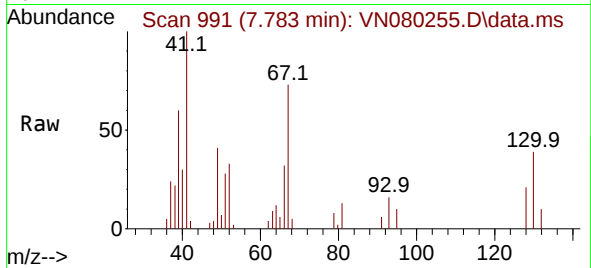
#35
Methacrylonitrile
Concen: 12.398 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion: 41 Resp: 2293
Ion Ratio Lower Upper
41 100
39 59.9 26.3 78.8
67 73.4 37.5 112.3
52 33.3 14.4 43.4

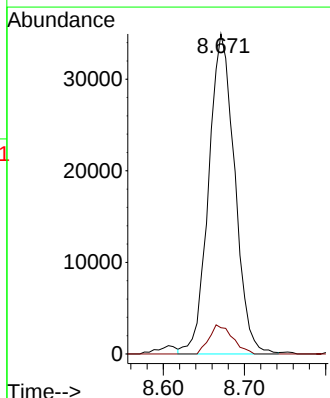
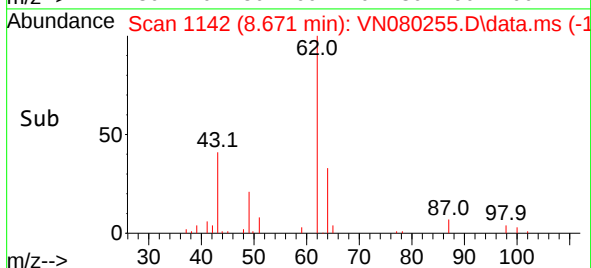
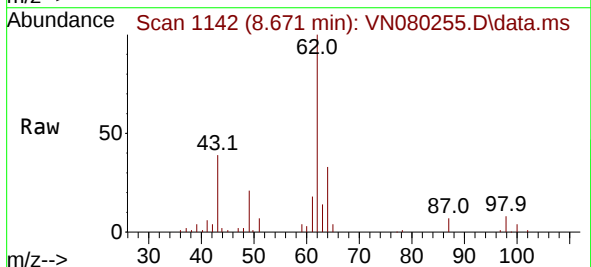
Manual Integrations
APPROVED

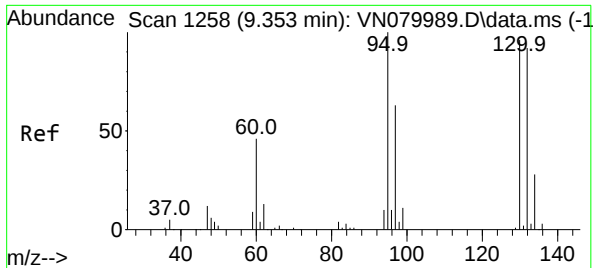
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 19.646 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

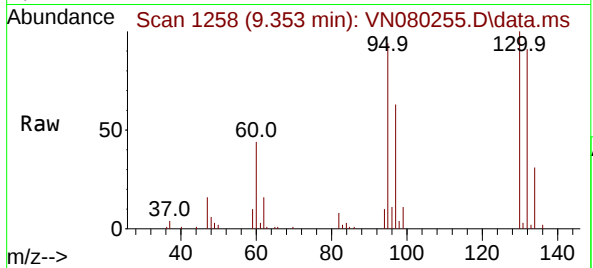
Tgt Ion: 62 Resp: 78033
Ion Ratio Lower Upper
62 100
98 8.2 7.2 10.8





#37
Trichloroethene
Concen: 18.427 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

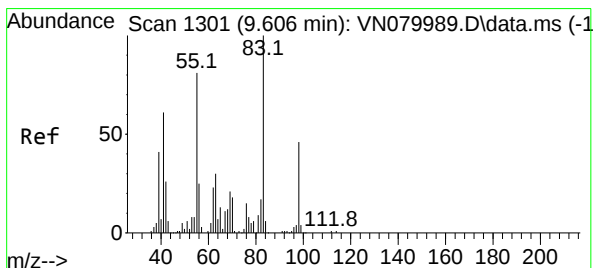
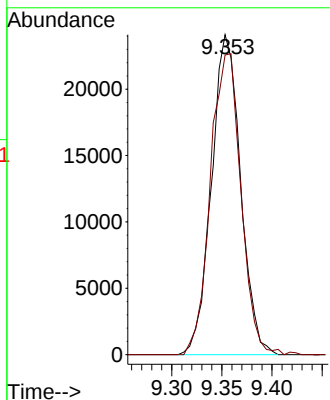
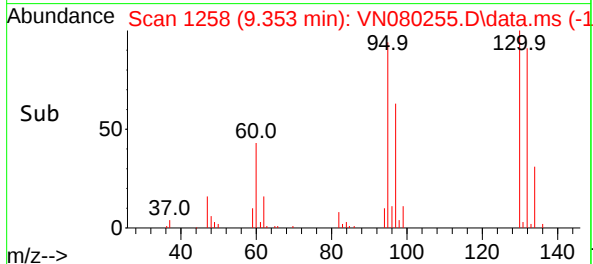
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



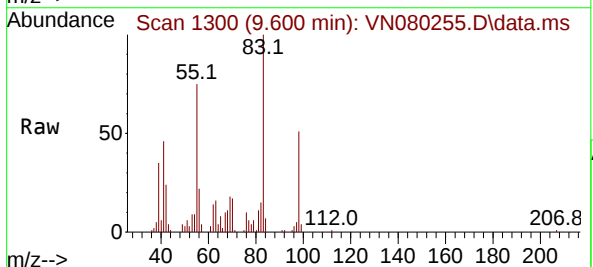
Tgt Ion:130 Resp: 4863
Ion Ratio Lower Upper
130 100
95 93.6 81.2 121.8

Manual Integrations
APPROVED

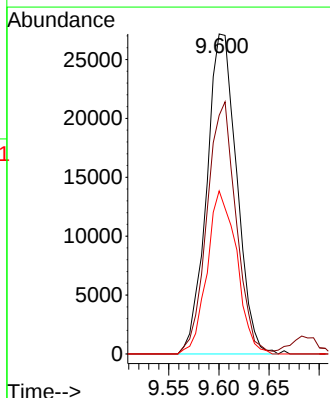
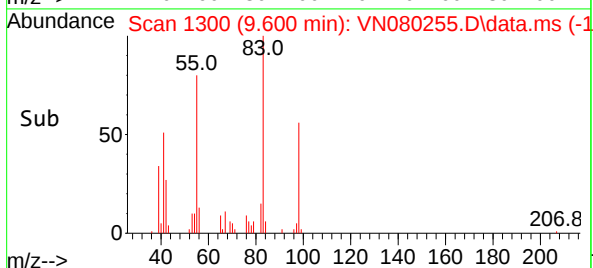
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

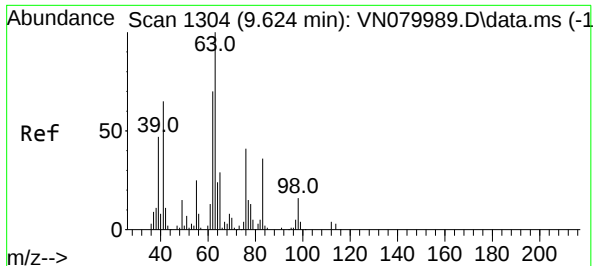


#38
Methylcyclohexane
Concen: 16.328 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



Tgt Ion: 83 Resp: 56642
Ion Ratio Lower Upper
83 100
55 76.4 39.7 119.1
98 50.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 14.244 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tgt Ion: 63 Resp: 41379

Ion Ratio Lower Upper

63 100

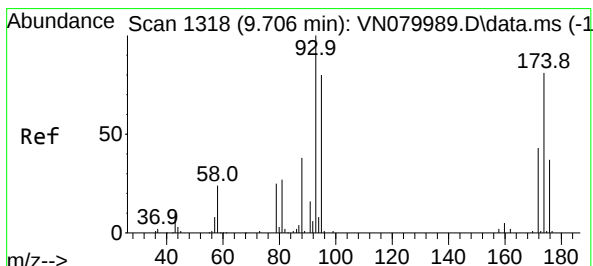
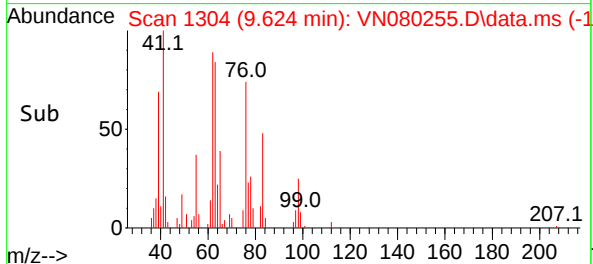
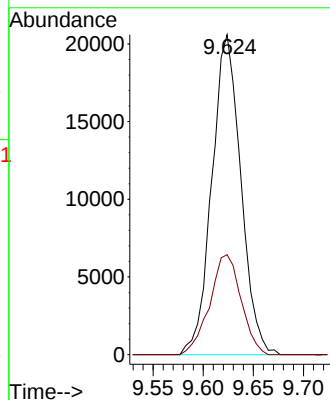
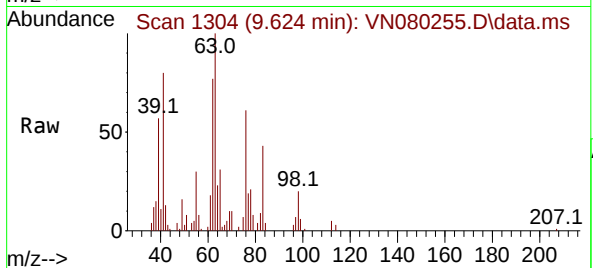
65 31.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 17.316 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

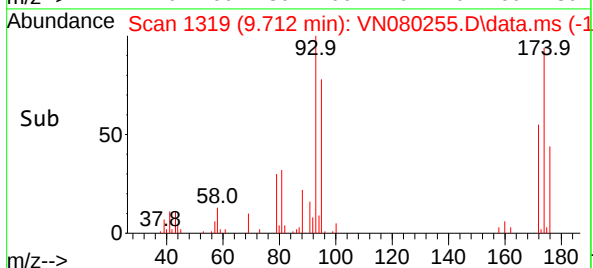
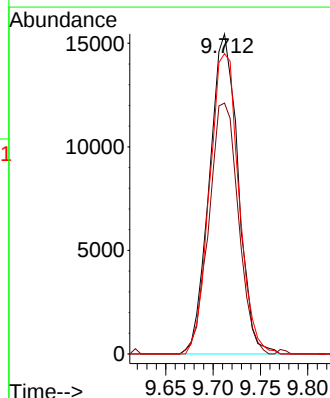
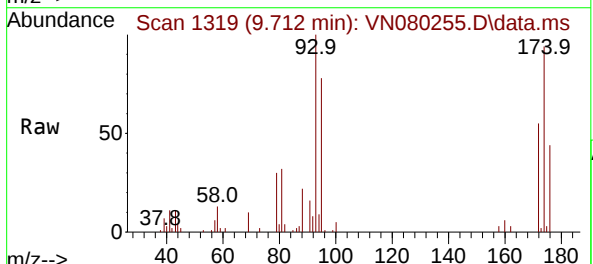
Tgt Ion: 93 Resp: 32515

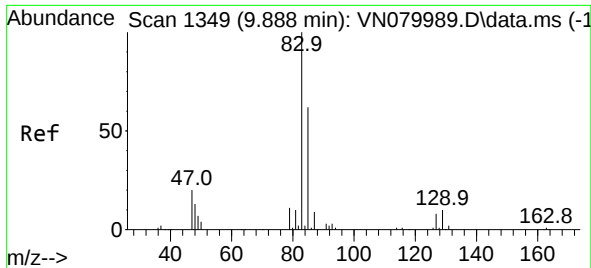
Ion Ratio Lower Upper

93 100

95 80.4 0.0 166.6

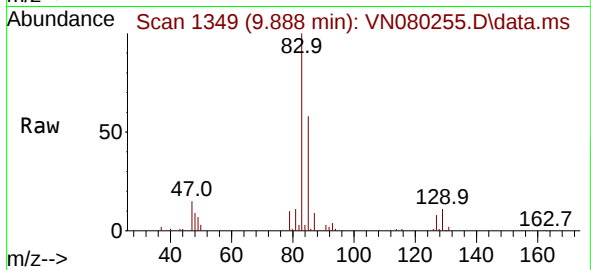
174 95.8 0.0 171.0





#41
Bromodichloromethane
Concen: 18.855 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

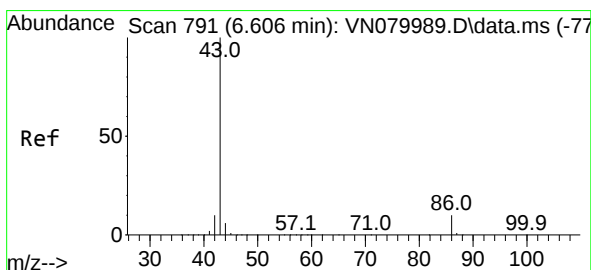
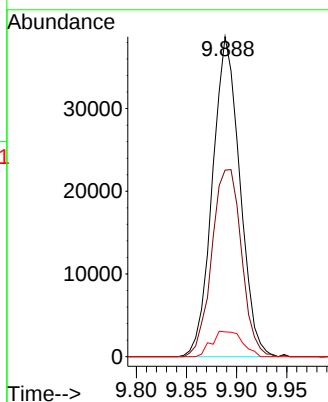
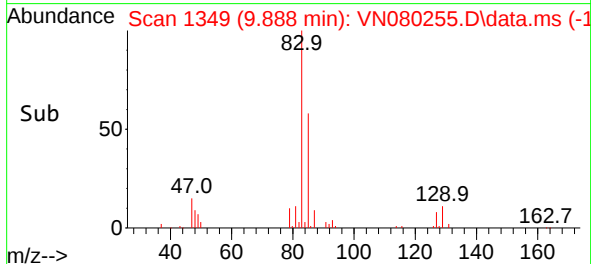
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 83 Resp: 73320
Ion Ratio Lower Upper
83 100
85 58.3 50.3 75.5
127 7.7 6.8 10.2

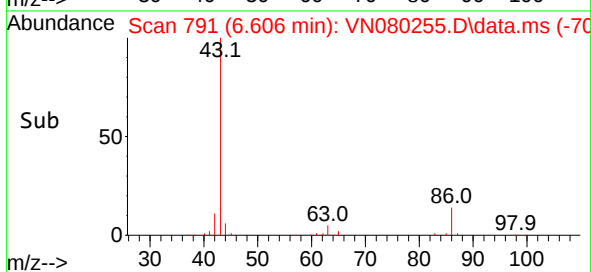
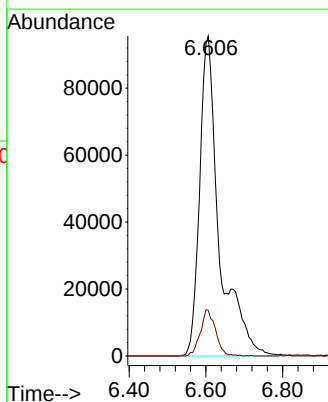
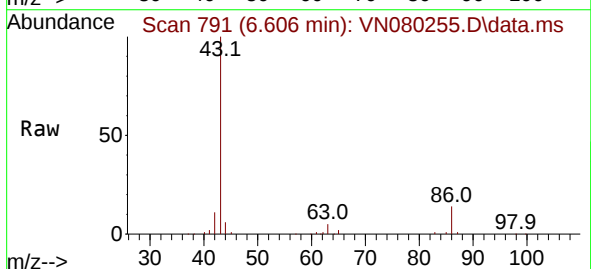
Manual Integrations
APPROVED

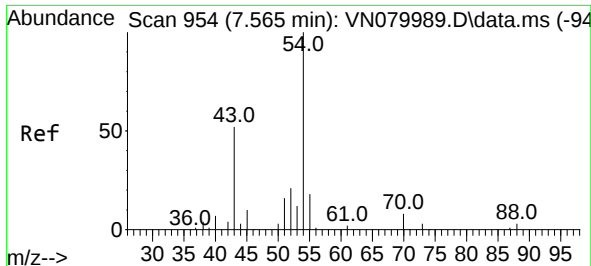
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 77.128 ug/l m
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

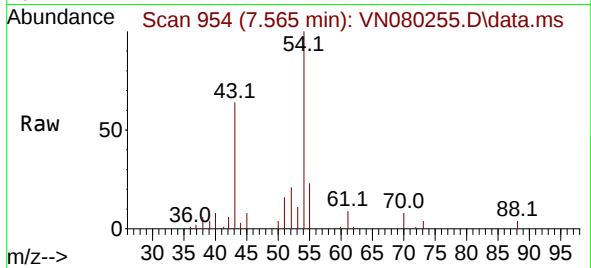
Tgt Ion: 43 Resp: 338023
Ion Ratio Lower Upper
43 100
86 11.1 8.2 12.2





#43
Ethyl Acetate
Concen: 12.544 ug/l m
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

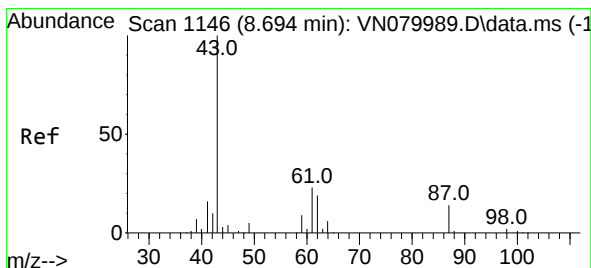
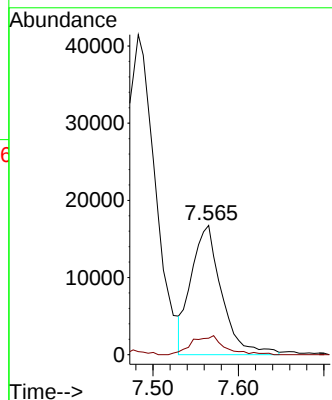
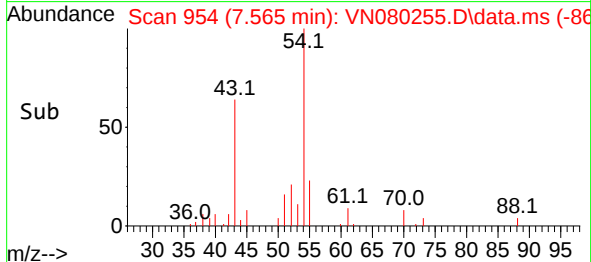
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 43 Resp: 41579
Ion Ratio Lower Upper
43 100
45 0.2 11.8 17.8

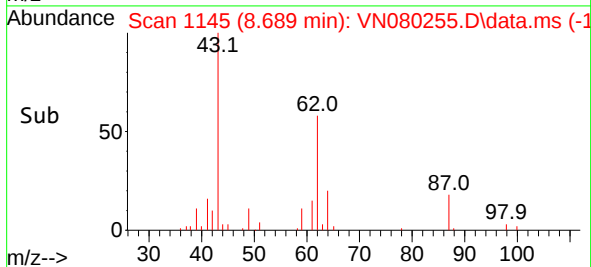
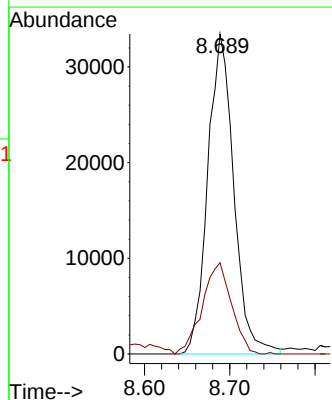
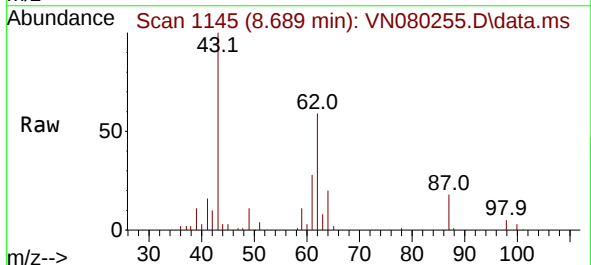
Manual Integrations
APPROVED

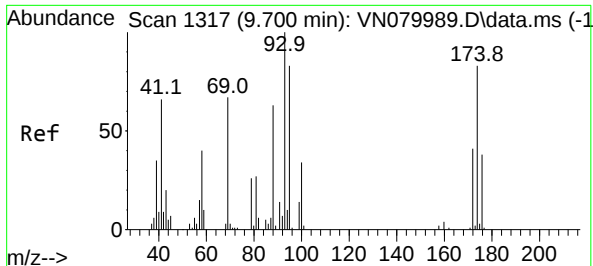
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#44
Isopropyl Acetate
Concen: 13.144 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

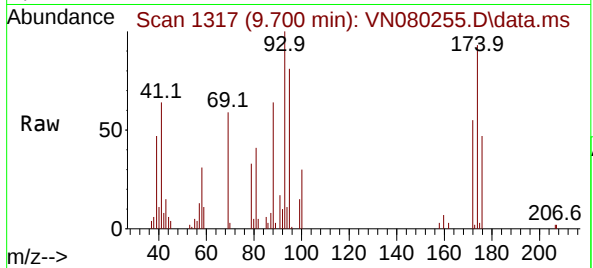
Tgt Ion: 43 Resp: 70987
Ion Ratio Lower Upper
43 100
61 32.0 20.3 30.5





#45
1,4-Dioxane
Concen: 333.773 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

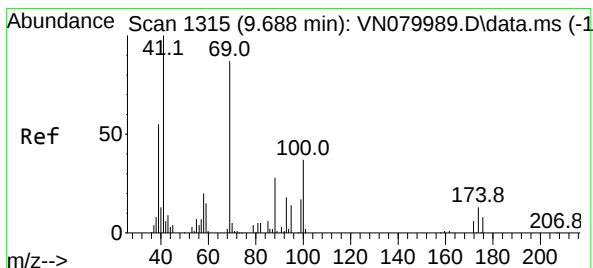
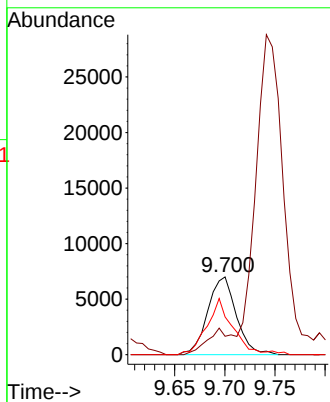
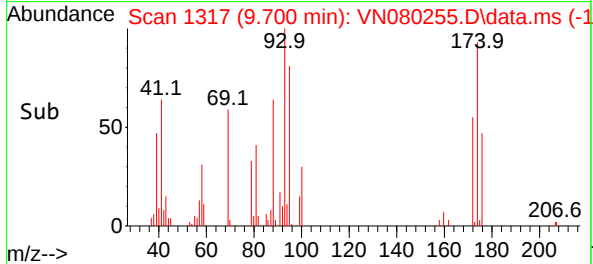
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



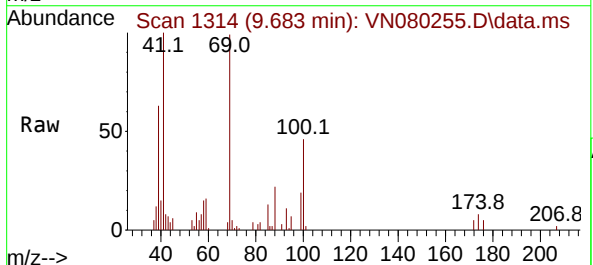
Tgt Ion: 88 Resp: 13892
Ion Ratio Lower Upper
88 100
43 30.5 28.7 43.1
58 63.8 56.9 85.3

Manual Integrations
APPROVED

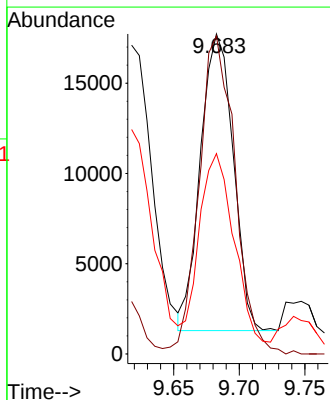
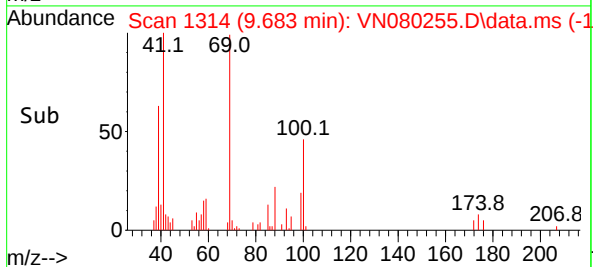
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

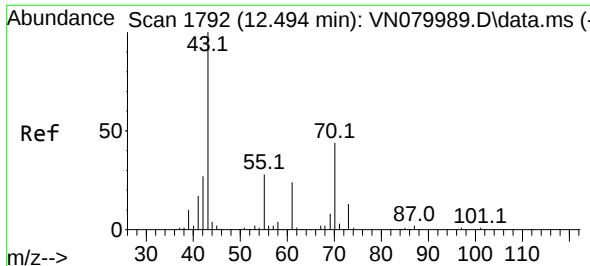


#46
Methyl methacrylate
Concen: 11.009 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



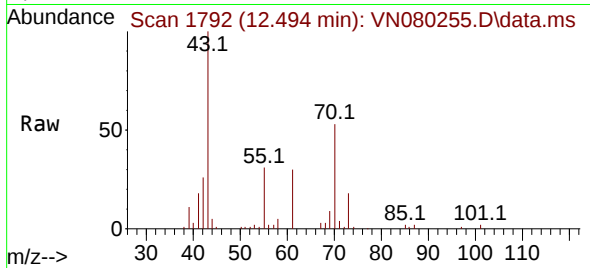
Tgt Ion: 41 Resp: 28582
Ion Ratio Lower Upper
41 100
69 105.6 40.0 119.9
39 59.1 31.1 93.3





#47
n-amyl acetate
Concen: 12.549 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

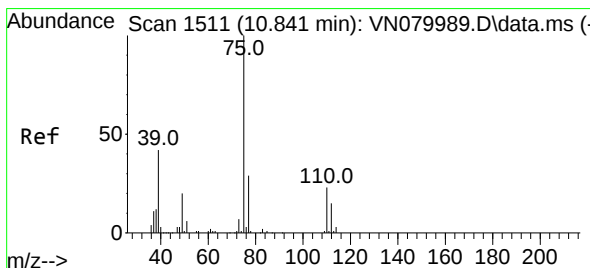
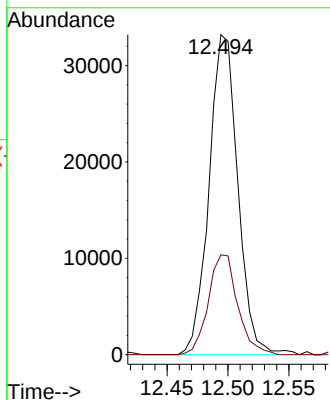
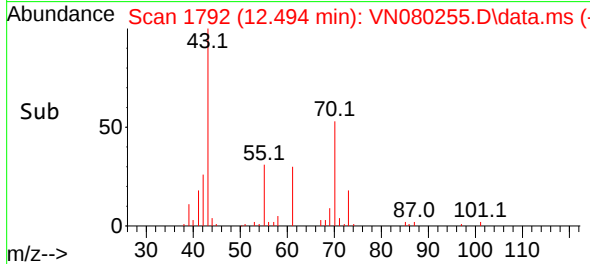
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 43 Resp: 54440
Ion Ratio Lower Upper
43 100
55 31.9 20.7 31.1

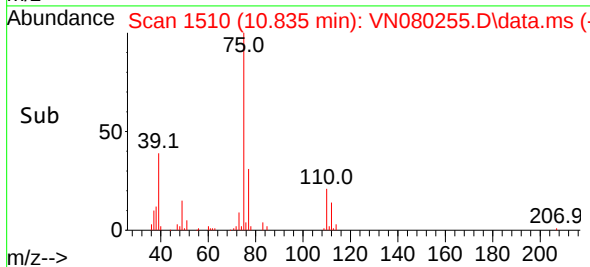
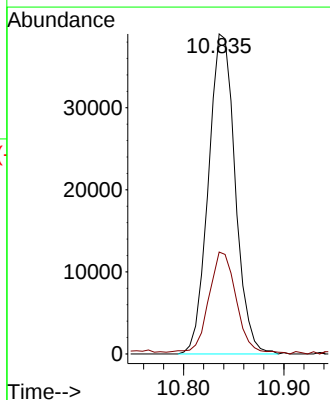
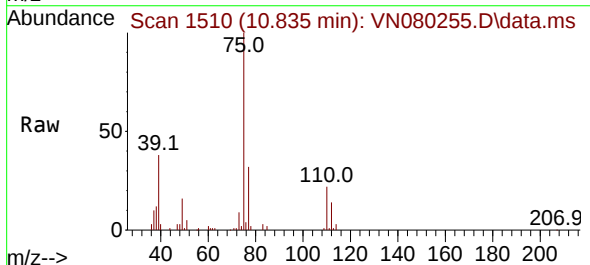
Manual Integrations
APPROVED

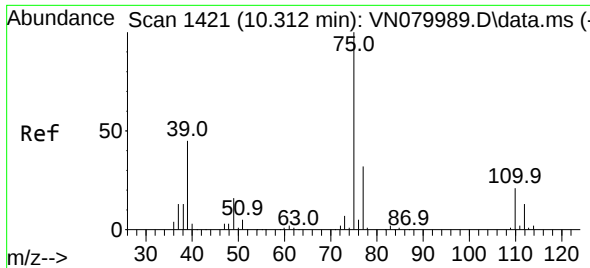
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 18.248 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

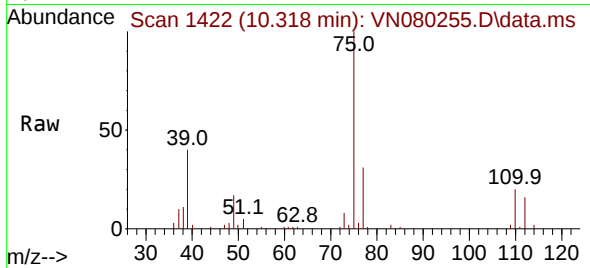
Tgt Ion: 75 Resp: 72475
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 17.071 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

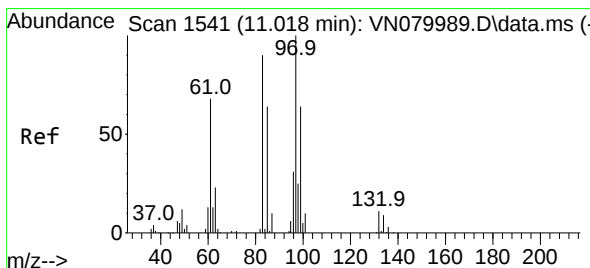
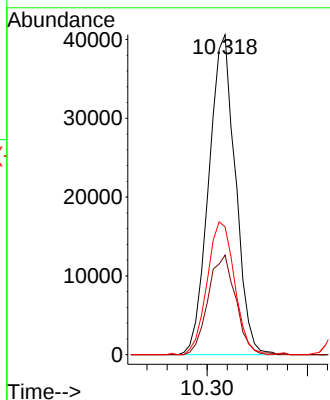
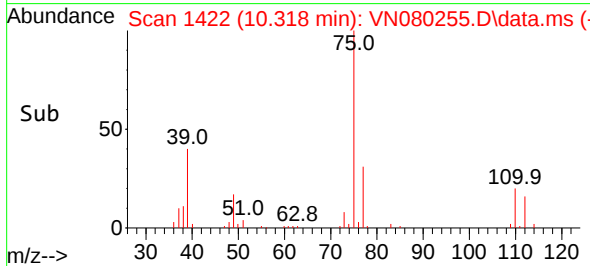
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 75 Resp: 7495
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
39 40.0 42.4 63.6

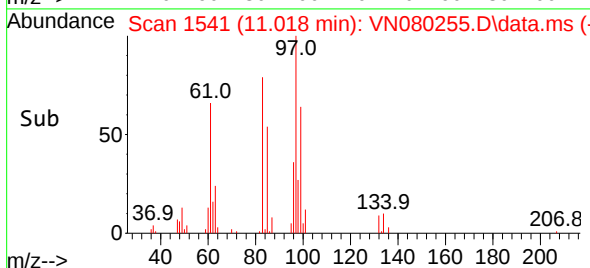
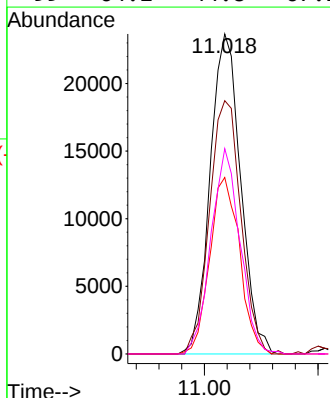
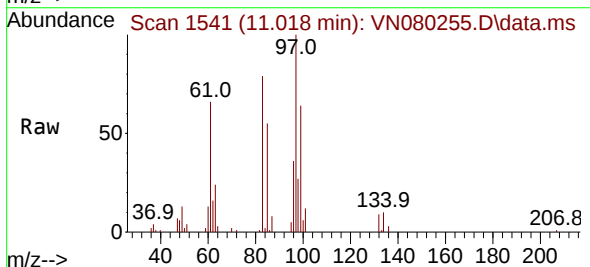
Manual Integrations
APPROVED

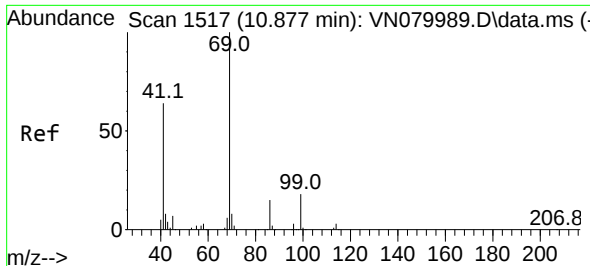
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#50
1,1,2-Trichloroethane
Concen: 17.242 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

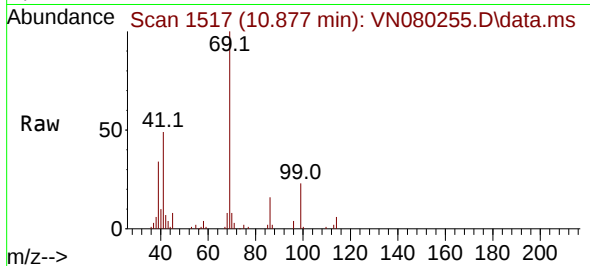
Tgt Ion: 97 Resp: 44164
Ion Ratio Lower Upper
97 100
83 79.2 68.2 102.4
85 55.1 42.9 64.3
99 64.2 44.8 67.2





#51
Ethyl methacrylate
Concen: 15.901 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

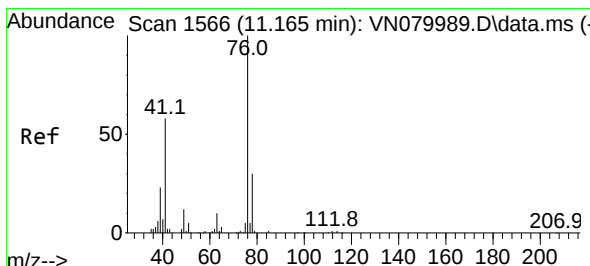
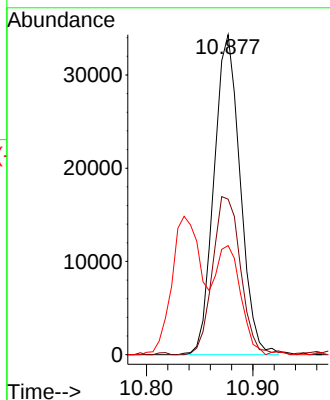
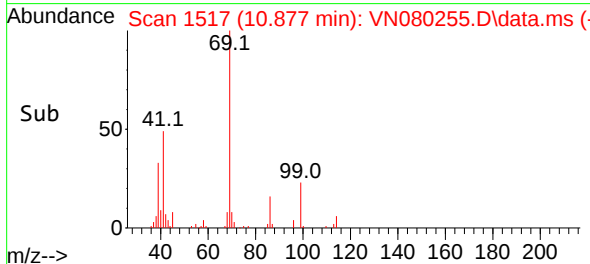
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



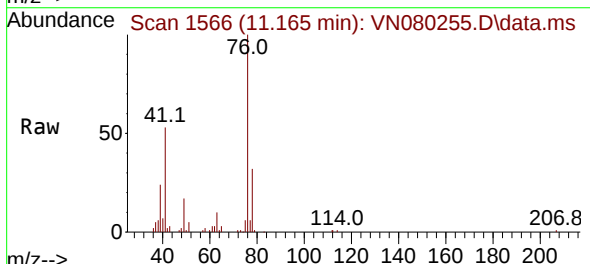
Tgt Ion: 69 Resp: 58540
Ion Ratio Lower Upper
69 100
41 48.6 33.8 101.3
39 33.2 21.3 63.9

Manual Integrations
APPROVED

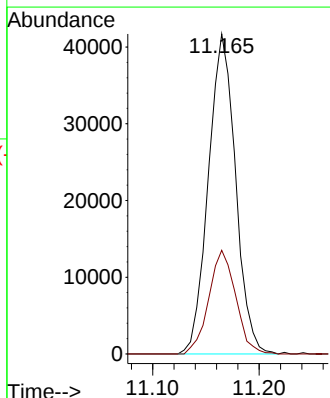
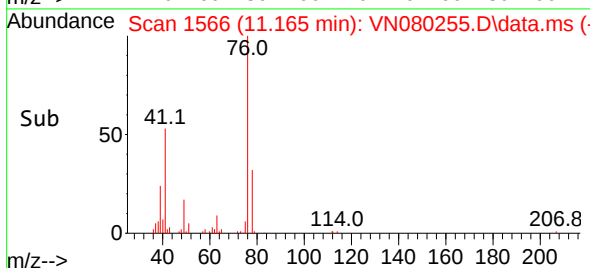
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

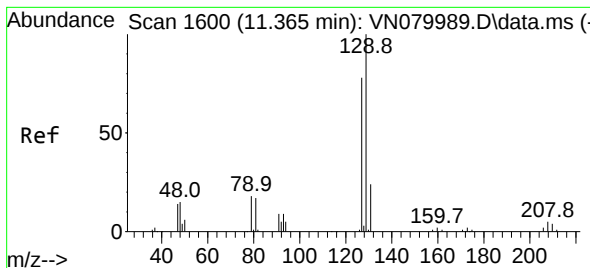


#52
1,3-Dichloropropane
Concen: 16.156 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



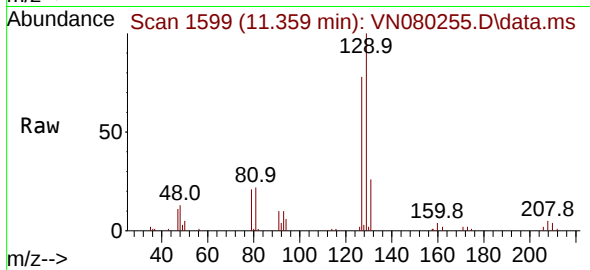
Tgt Ion: 76 Resp: 73985
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.0





#53
Dibromochloromethane
Concen: 19.437 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

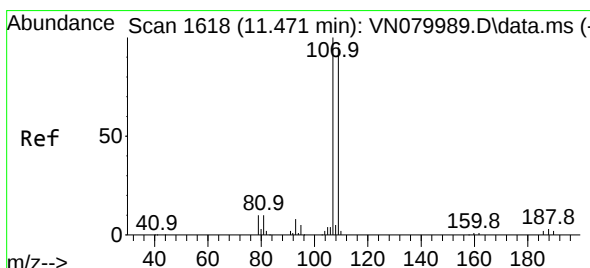
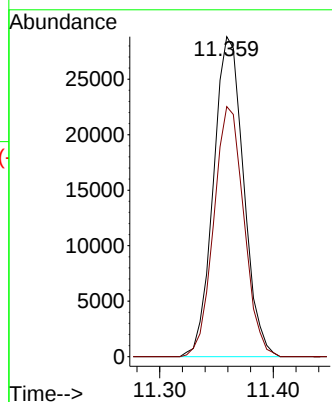
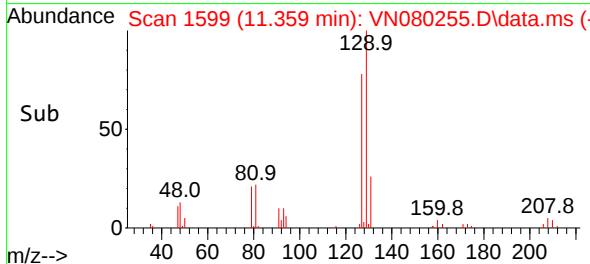
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



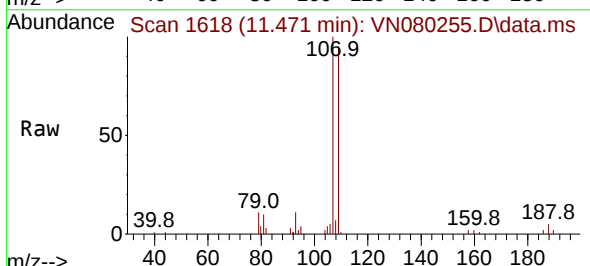
Tgt Ion:129 Resp: 5326
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3

Manual Integrations
APPROVED

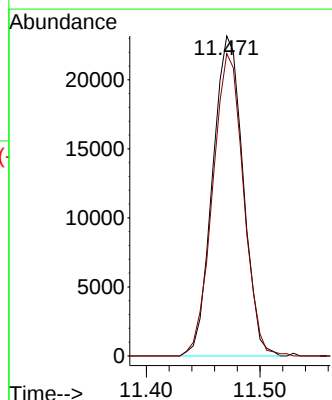
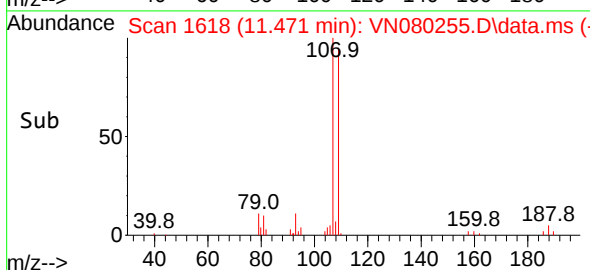
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

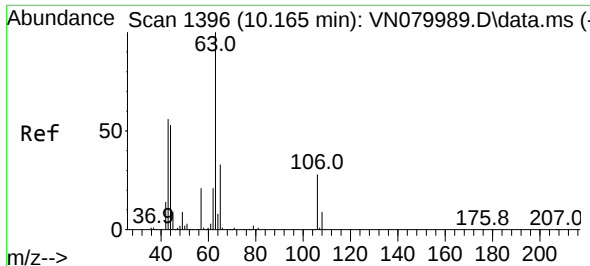


#54
1,2-Dibromoethane
Concen: 16.787 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



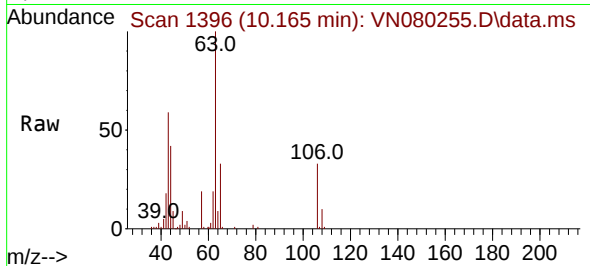
Tgt Ion:107 Resp: 43176
Ion Ratio Lower Upper
107 100
109 95.6 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 54.286 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

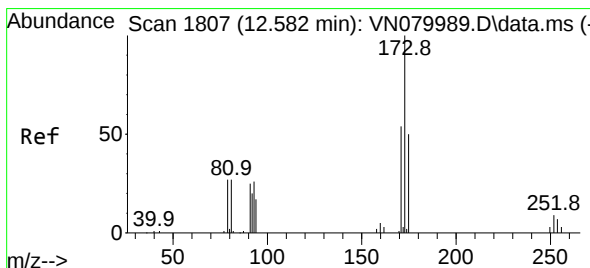
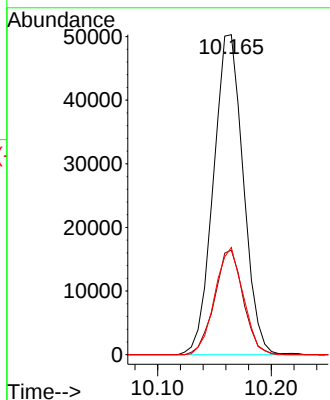
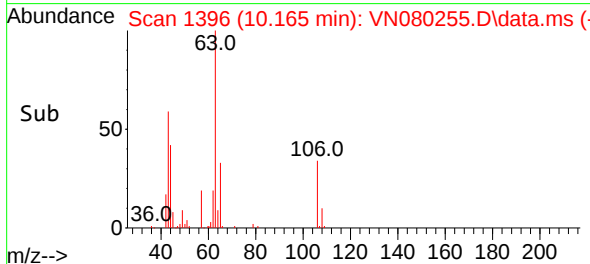
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 63 Resp: 91920
Ion Ratio Lower Upper
63 100
65 31.5 25.9 38.9
106 31.7 20.6 30.8

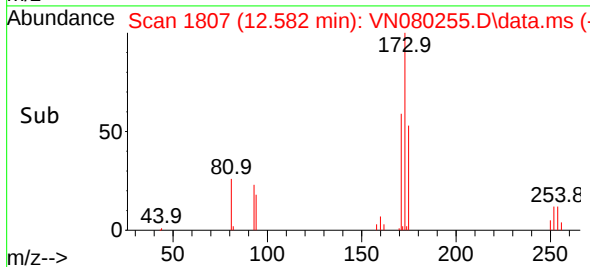
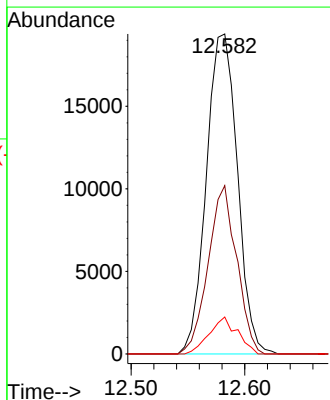
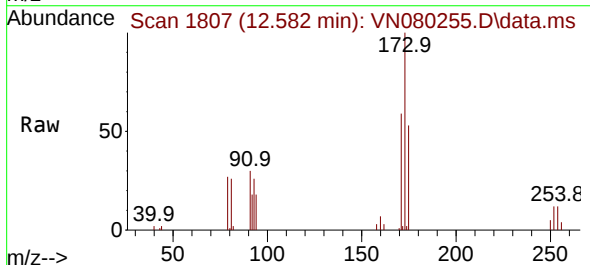
Manual Integrations
APPROVED

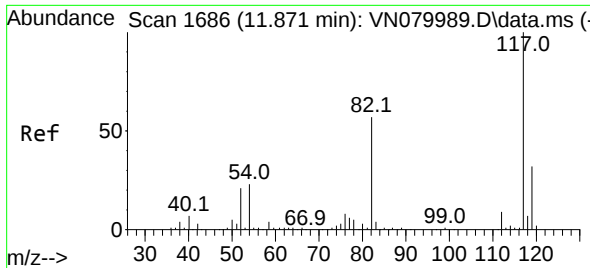
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 20.512 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

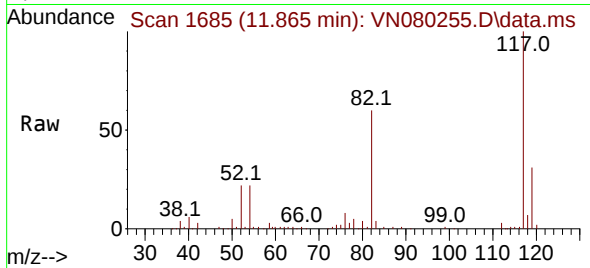
Tgt Ion:173 Resp: 36831
Ion Ratio Lower Upper
173 100
175 48.4 37.9 56.9
254 10.5 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

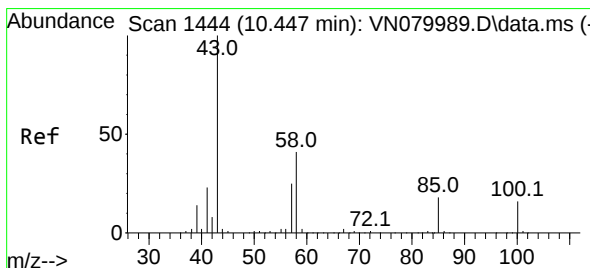
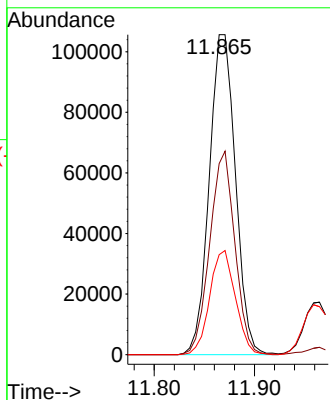
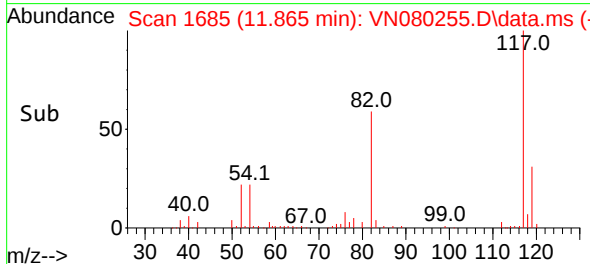
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 117 Resp: 192109
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.2
119 31.9 25.2 37.8

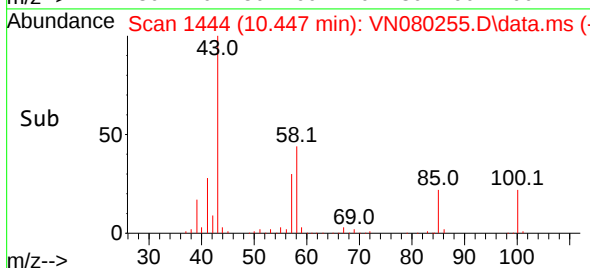
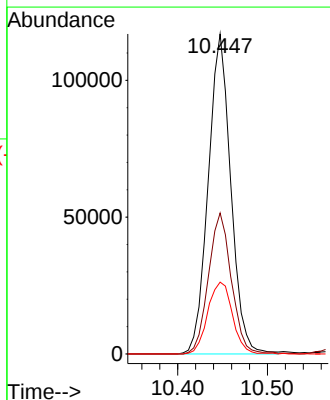
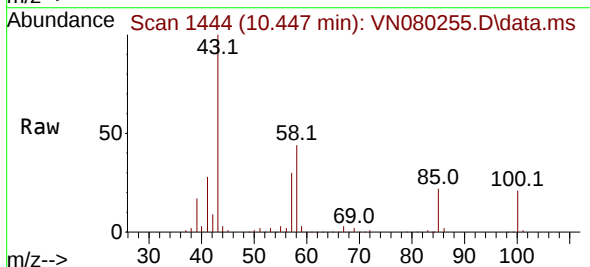
Manual Integrations
APPROVED

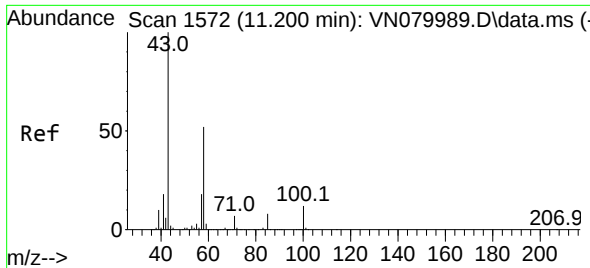
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 63.643 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

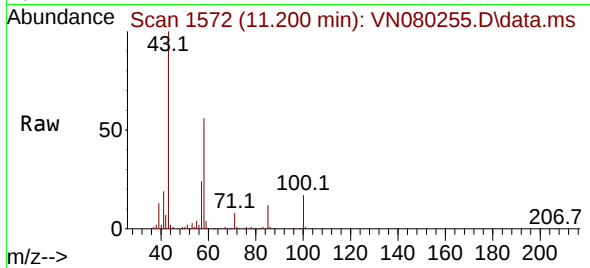
Tgt Ion: 43 Resp: 204262
Ion Ratio Lower Upper
43 100
58 44.6 30.4 45.6
85 24.4 13.2 19.8#





#59
2-Hexanone
Concen: 62.522 ug/l
RT: 11.200 min Scan# 11200
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

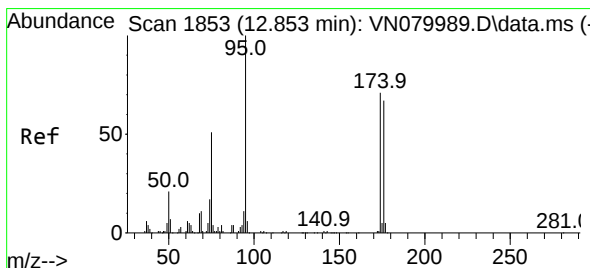
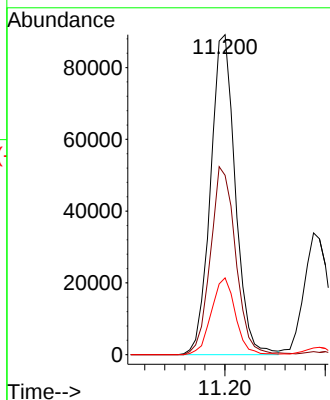
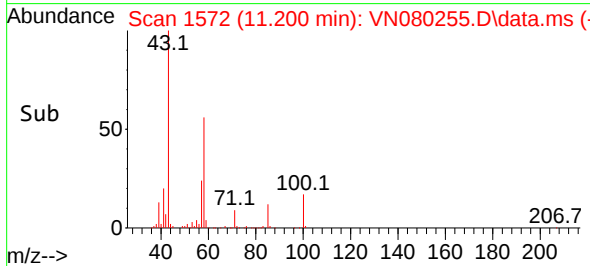
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 43 Resp: 152859
Ion Ratio Lower Upper
43 100
58 59.8 42.3 63.5
57 23.5 13.9 20.9

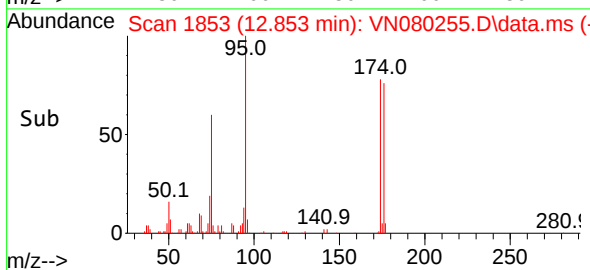
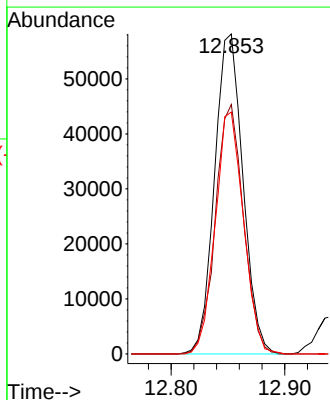
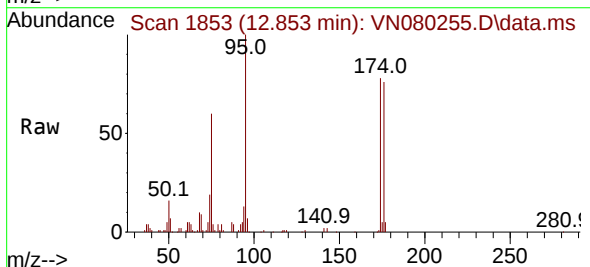
Manual Integrations
APPROVED

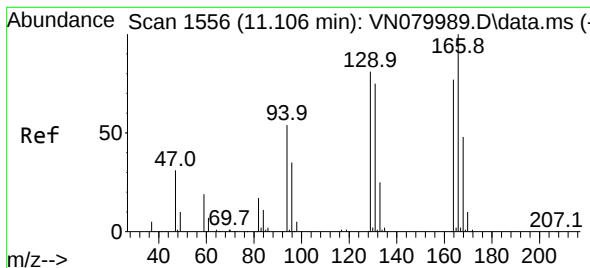
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#60
4-Bromofluorobenzene
Concen: 32.872 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 95 Resp: 100987
Ion Ratio Lower Upper
95 100
174 77.1 60.5 90.7
176 75.2 57.2 85.8





#61

Tetrachloroethene

Concen: 21.628 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tgt Ion:164 Resp: 4871

Ion Ratio Lower Upper

164 100

166 127.2 98.2 147.4

129 100.4 75.0 112.4

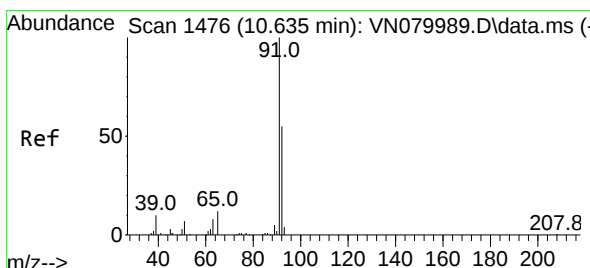
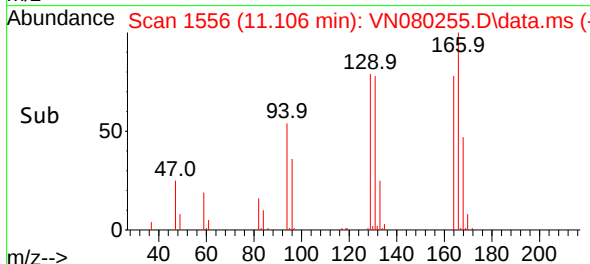
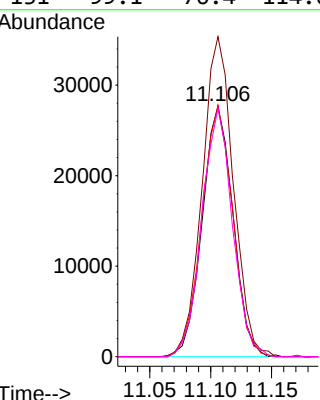
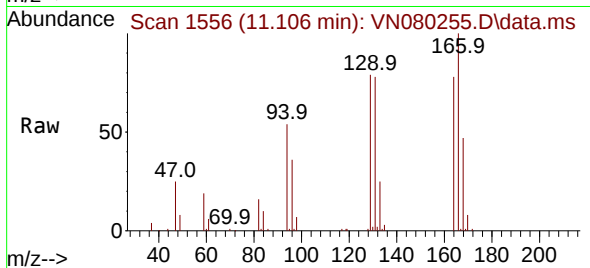
131 99.1 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#62

Toluene

Concen: 17.623 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.005 min

Lab File: VN080255.D

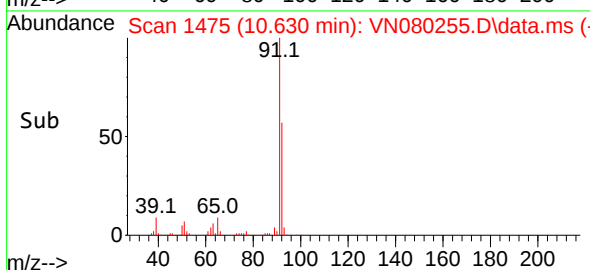
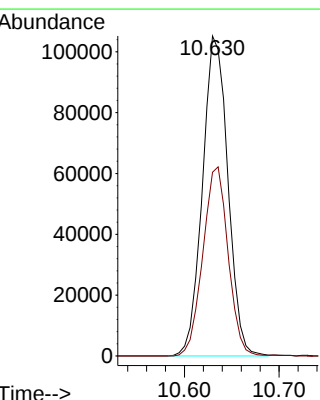
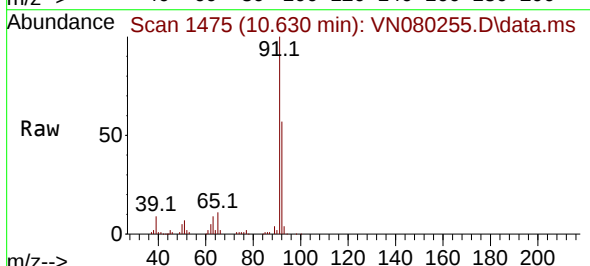
Acq: 24 Nov 2023 11:57

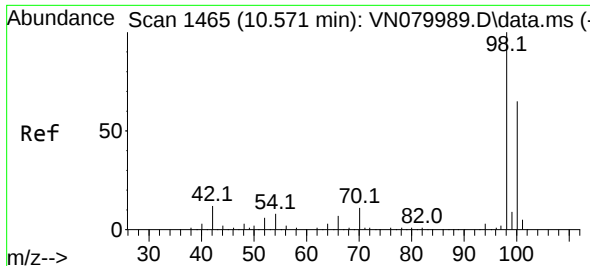
Tgt Ion: 91 Resp: 195807

Ion Ratio Lower Upper

91 100

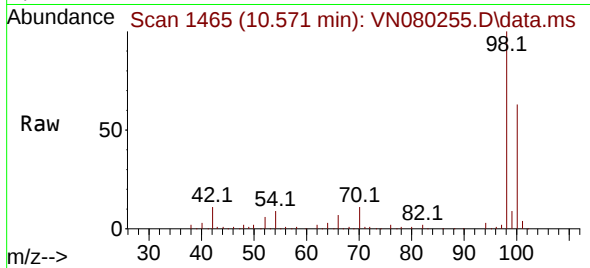
92 58.8 45.3 67.9





#63
Toluene-d8
Concen: 30.446 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

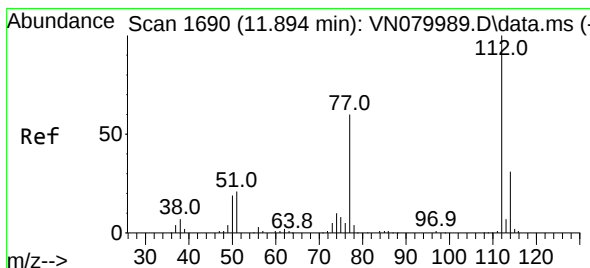
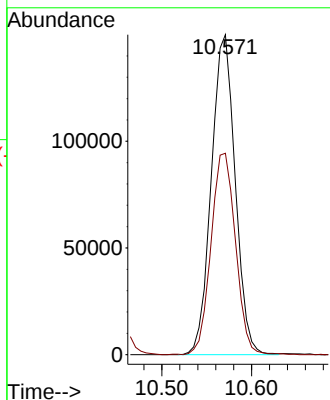
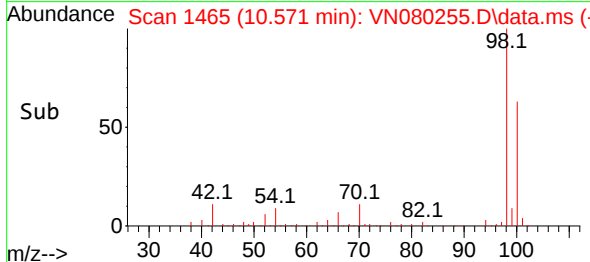
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



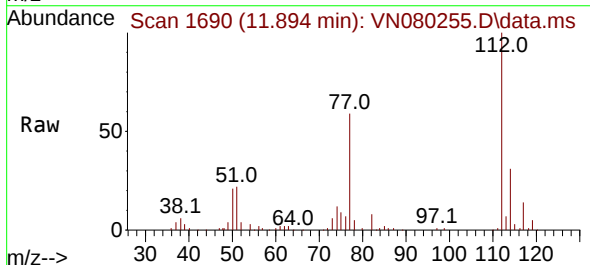
Tgt Ion: 98 Resp: 27713
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

Manual Integrations
APPROVED

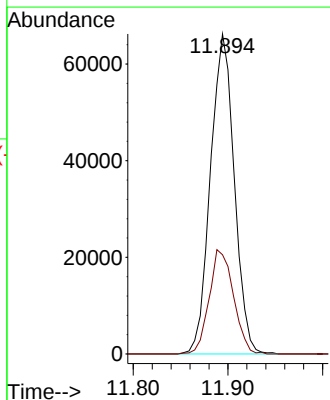
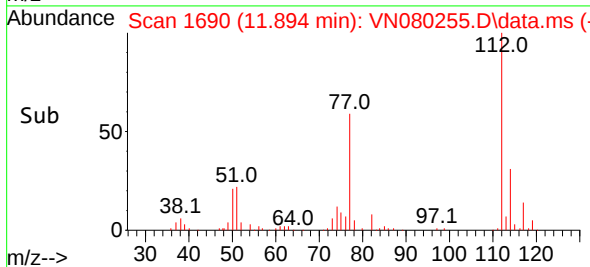
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

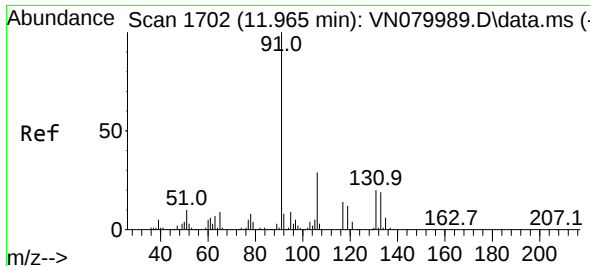


#64
Chlorobenzene
Concen: 17.488 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



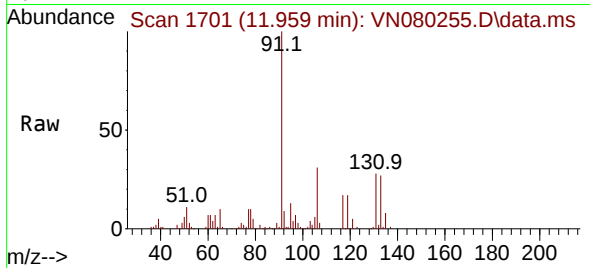
Tgt Ion:112 Resp: 115960
Ion Ratio Lower Upper
112 100
114 31.0 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.776 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

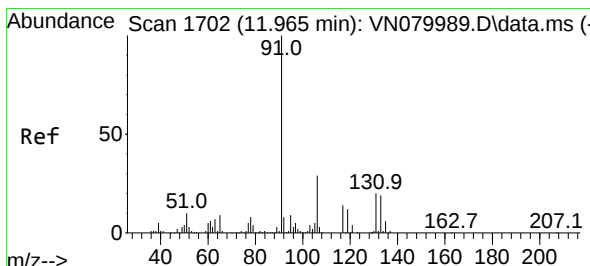
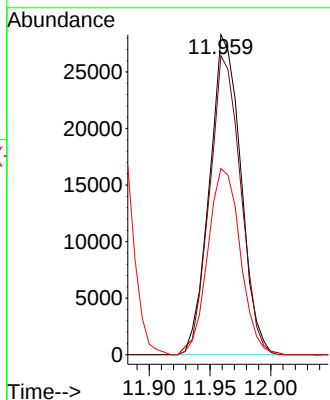
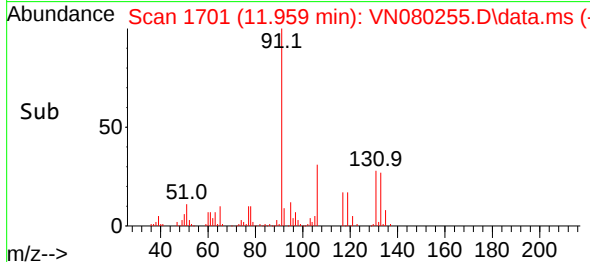
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion:131 Resp: 50534
Ion Ratio Lower Upper
131 100
133 93.5 0.0 196.0
119 60.1 0.0 135.6

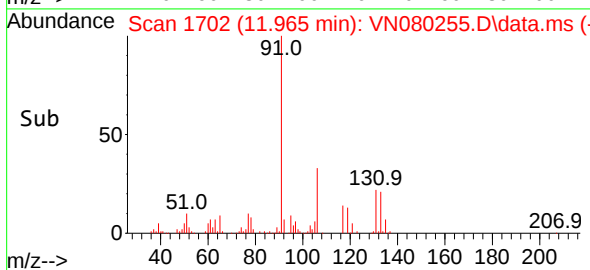
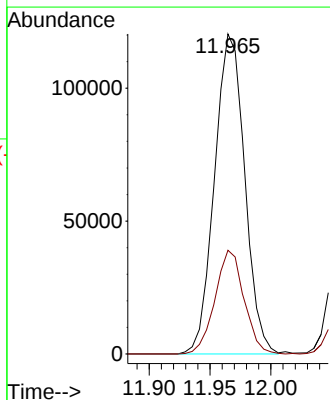
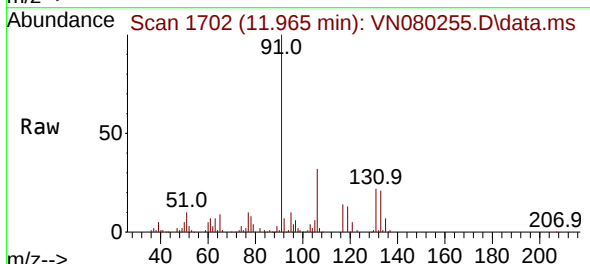
Manual Integrations
APPROVED

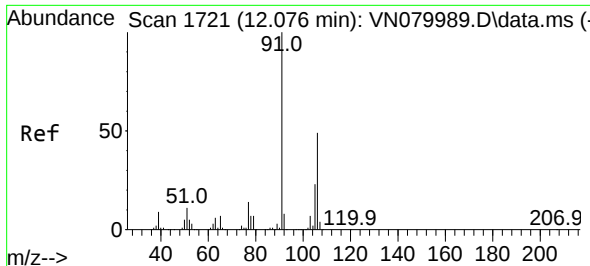
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 17.794 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 91 Resp: 207754
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.8





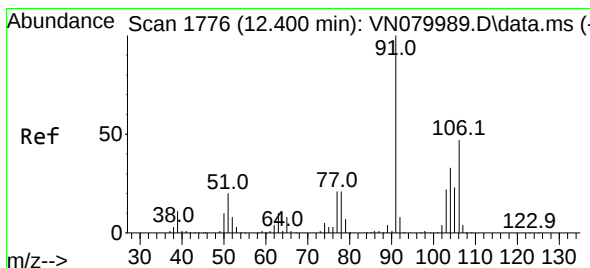
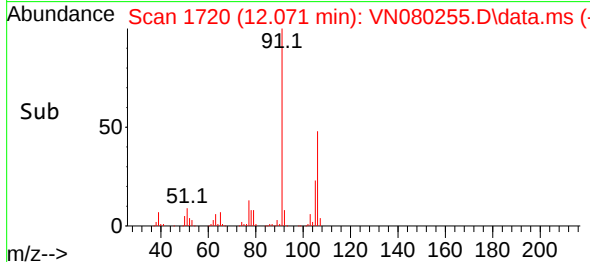
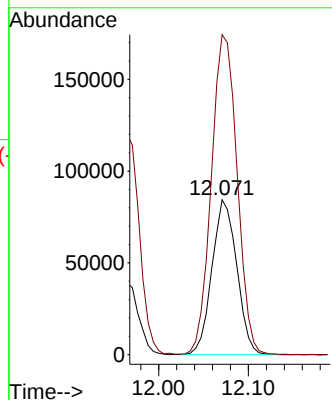
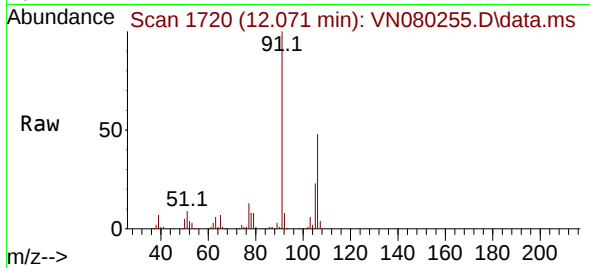
#67
m/p-Xylenes
Concen: 37.264 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion:106 Resp: 16198
Ion Ratio Lower Upper
106 100
91 215.1 161.8 242.6

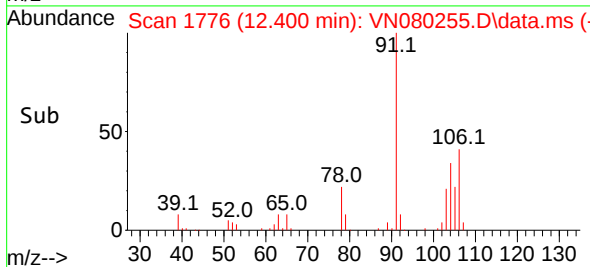
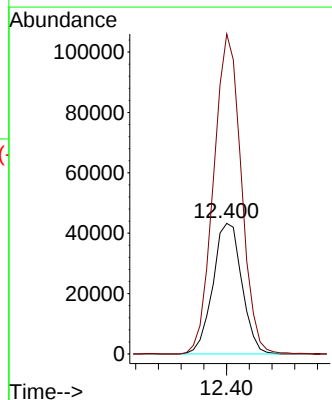
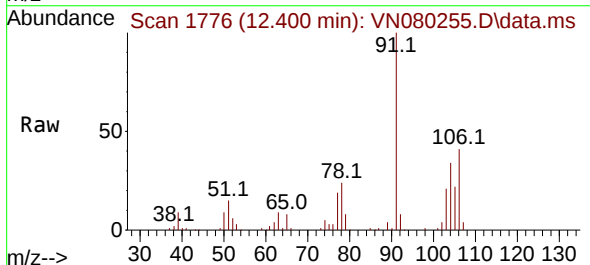
Manual Integrations
APPROVED

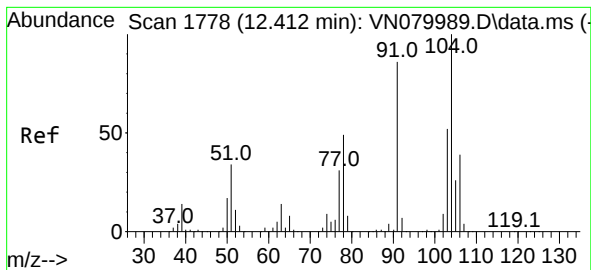
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 18.370 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion:106 Resp: 76538
Ion Ratio Lower Upper
106 100
91 234.1 109.9 329.7





#69

Styrene

Concen: 18.823 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

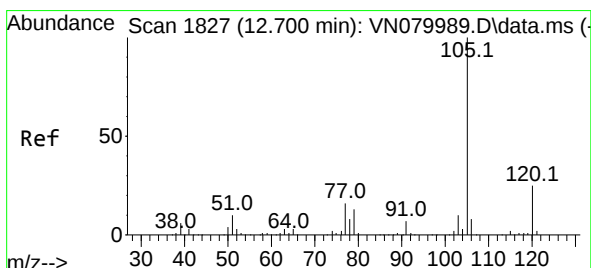
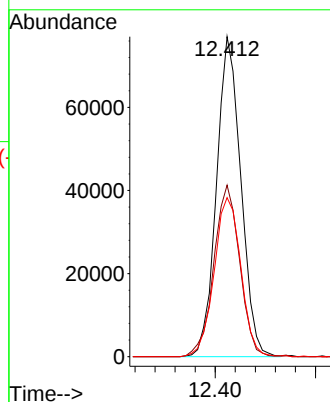
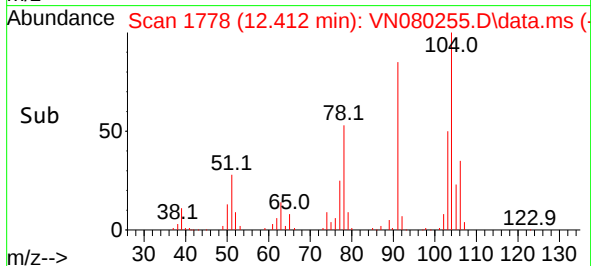
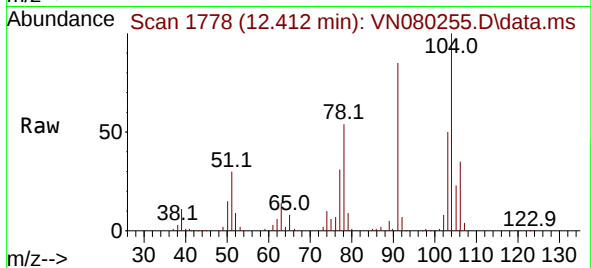
Tgt Ion:104 Resp: 129820
 Ion Ratio Lower Upper
 104 100
 78 56.5 41.2 61.8
 103 54.5 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 18.953 ug/l

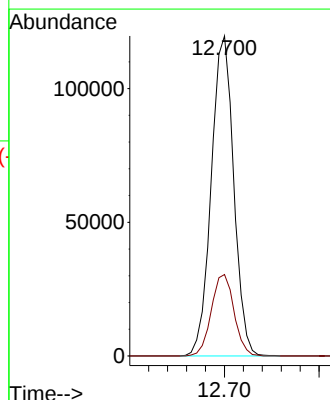
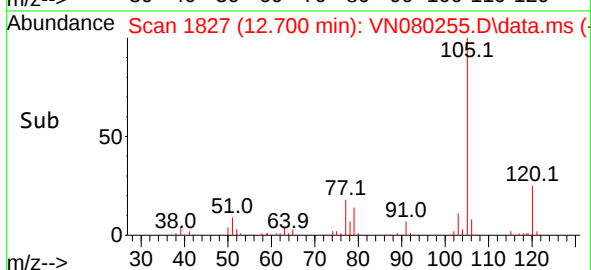
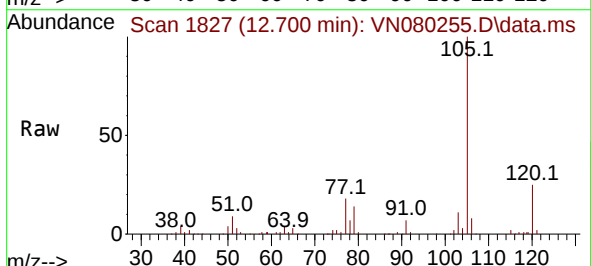
RT: 12.700 min Scan# 1827

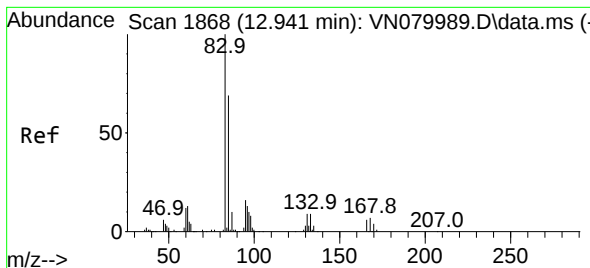
Delta R.T. 0.000 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

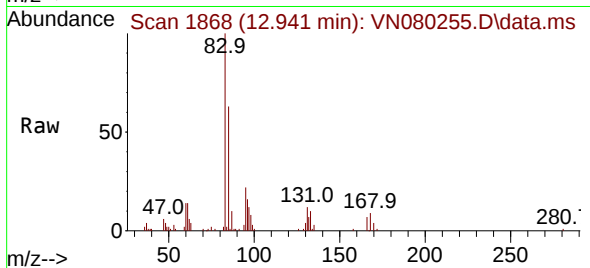
Tgt Ion:105 Resp: 196976
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 15.116 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

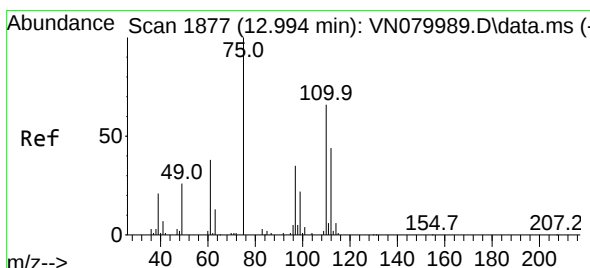
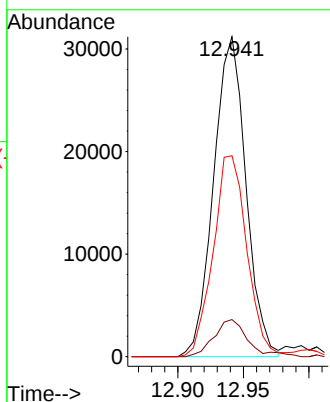
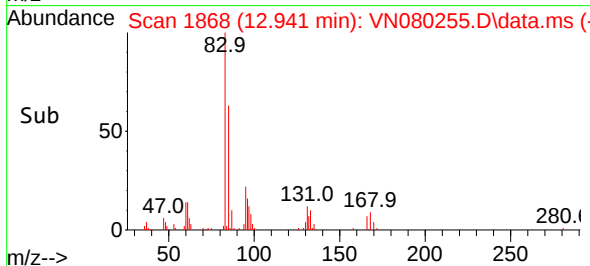
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 83 Resp: 5350
Ion Ratio Lower Upper
83 100
131 11.3 4.5 13.4
85 65.4 32.1 96.3

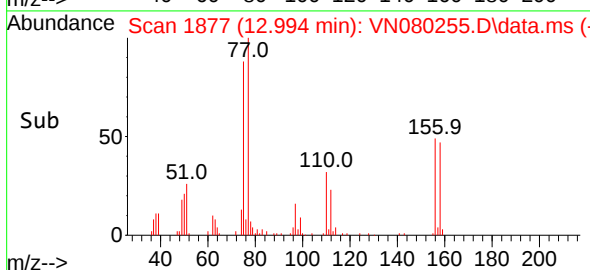
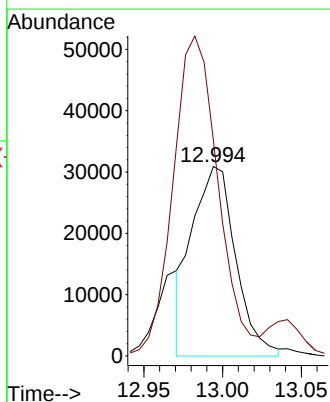
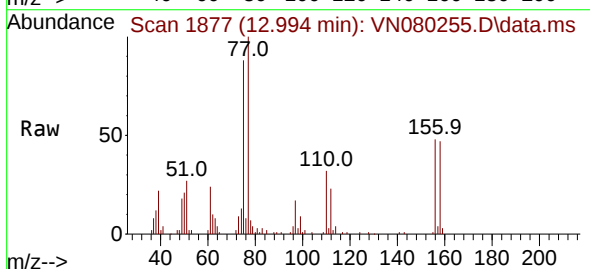
Manual Integrations
APPROVED

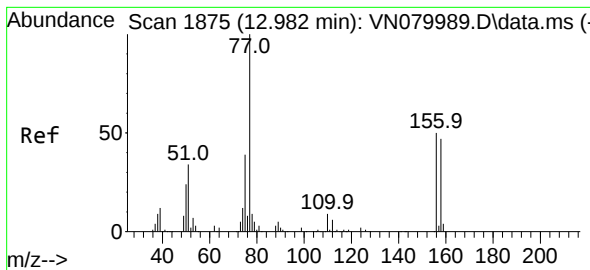
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 18.073 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion: 75 Resp: 59442
Ion Ratio Lower Upper
75 100
77 175.4 0.0 338.2





#73

Bromobenzene

Concen: 19.236 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

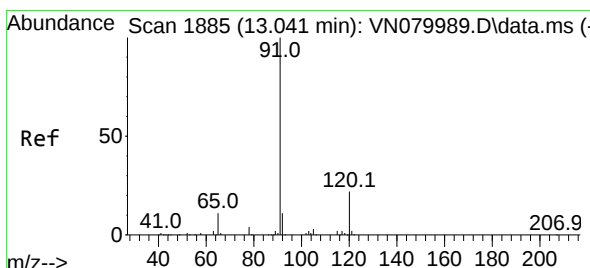
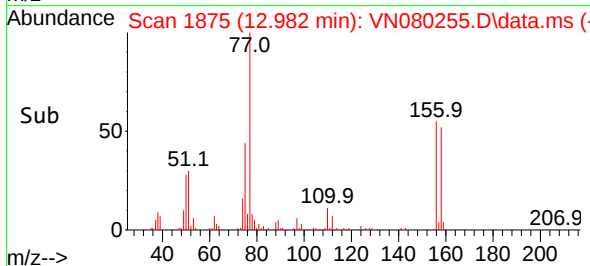
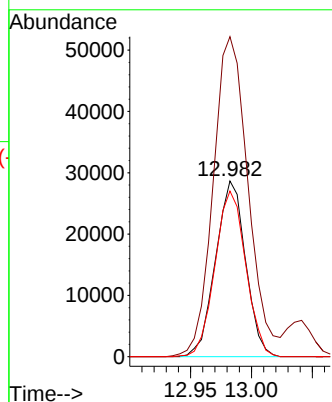
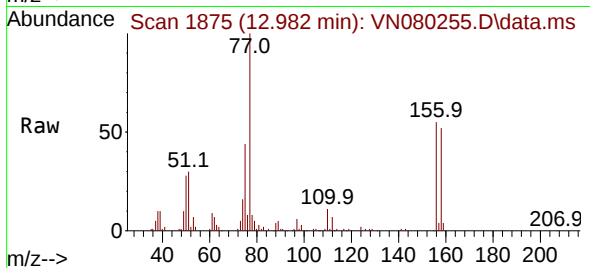
Tgt Ion:	156	Resp:	4914
Ion Ratio	Lower	Upper	
156	100		
77	212.1	0.0	448.2
158	96.8	0.0	194.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 18.071 ug/l

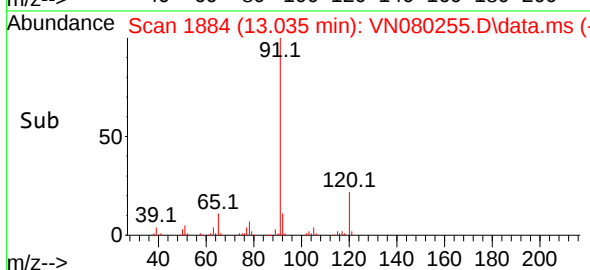
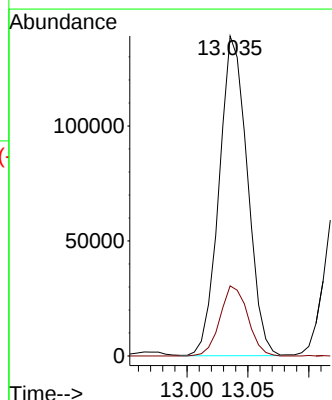
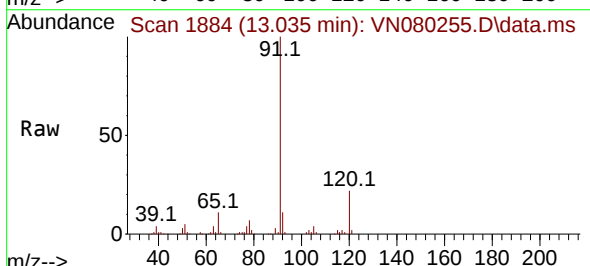
RT: 13.035 min Scan# 1884

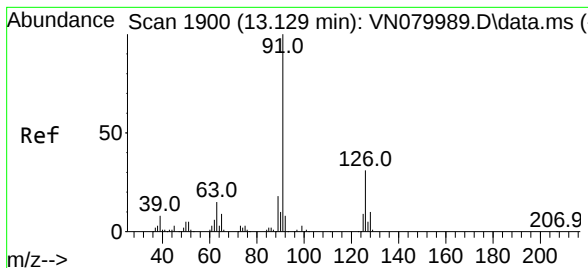
Delta R.T. -0.006 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Tgt Ion:	91	Resp:	224672
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	42.0





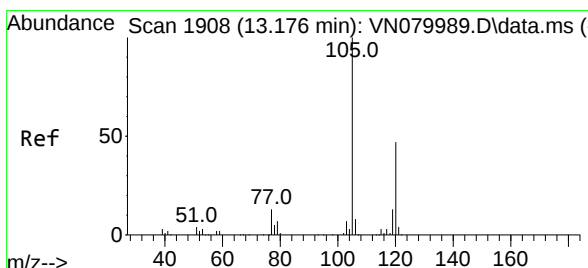
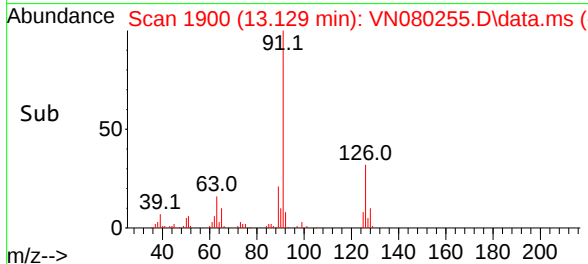
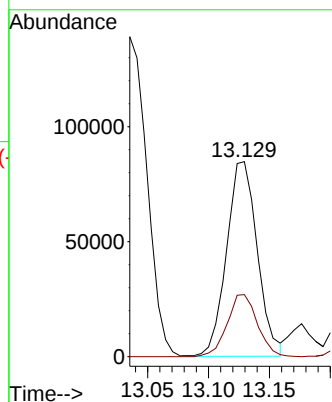
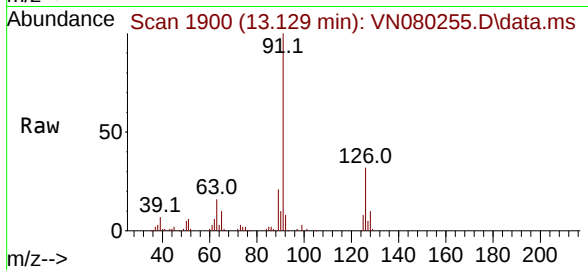
#75
2-Chlorotoluene
Concen: 18.825 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion: 91 Resp: 148770
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.6

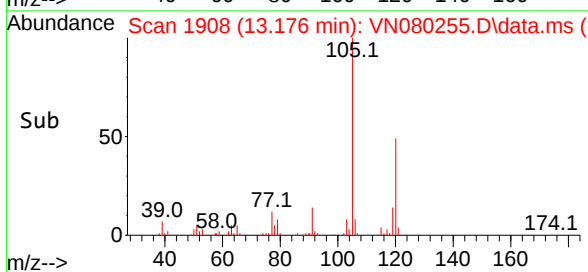
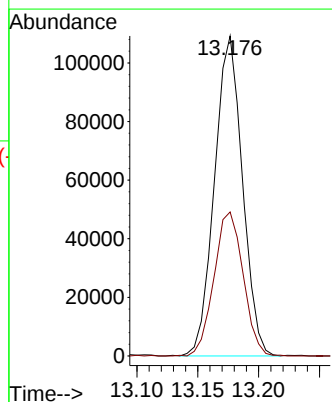
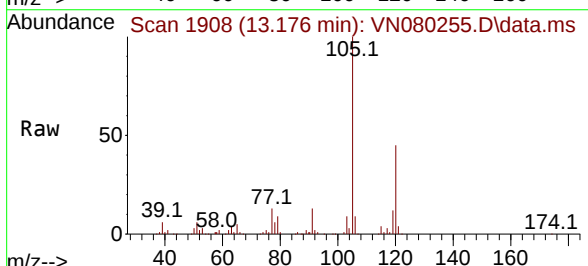
Manual Integrations
APPROVED

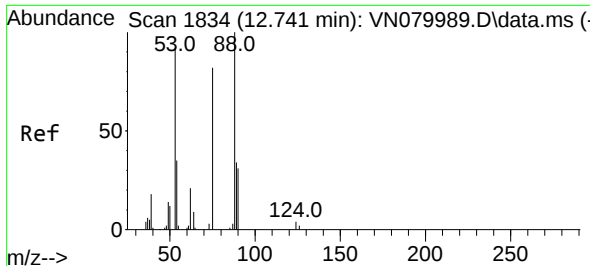
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.282 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

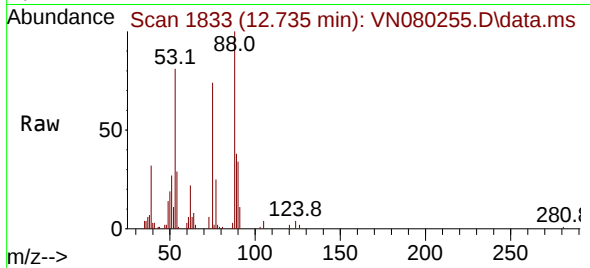
Tgt Ion:105 Resp: 174349
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.795 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

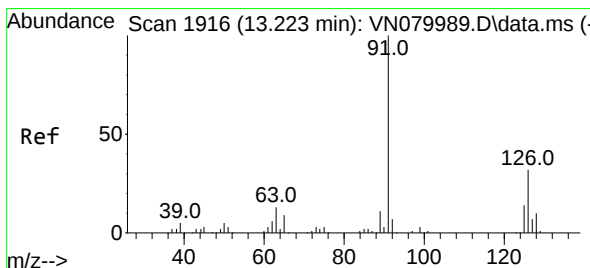
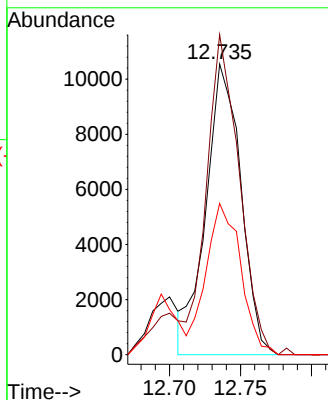
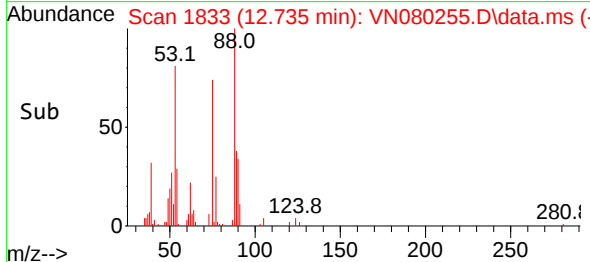
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 75 Resp: 1808
Ion Ratio Lower Upper
75 100
53 110.1 53.0 159.1
89 52.0 22.6 67.7

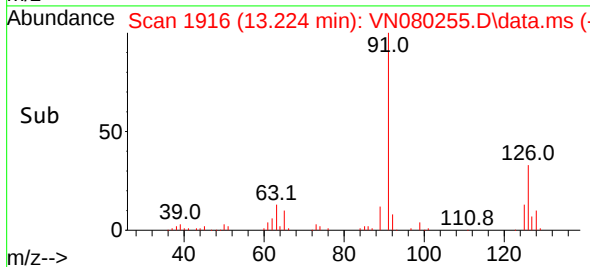
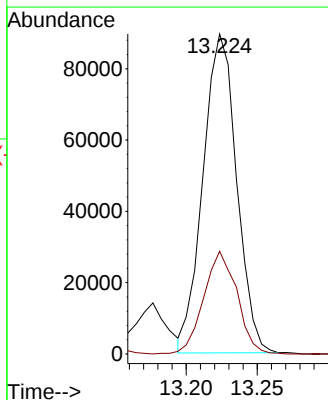
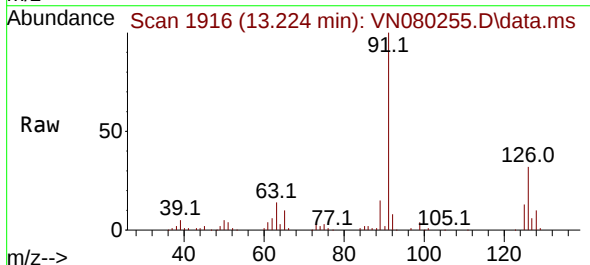
Manual Integrations
APPROVED

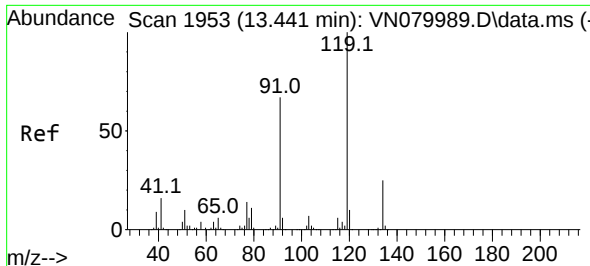
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 18.773 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.001 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

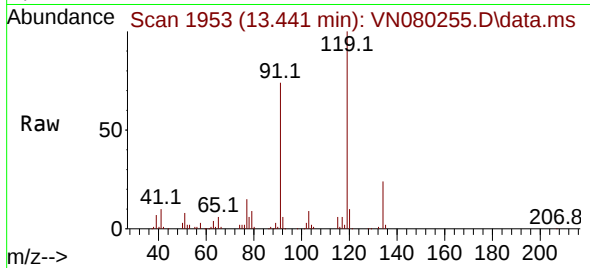
Tgt Ion: 91 Resp: 147344
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.4





#79
tert-butylbenzene
Concen: 20.417 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

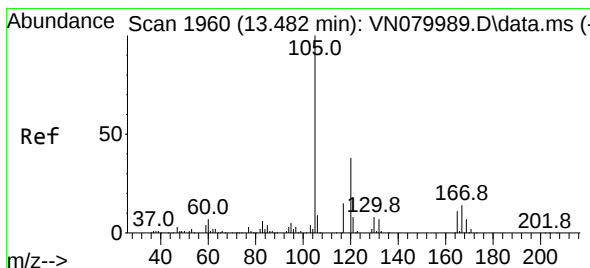
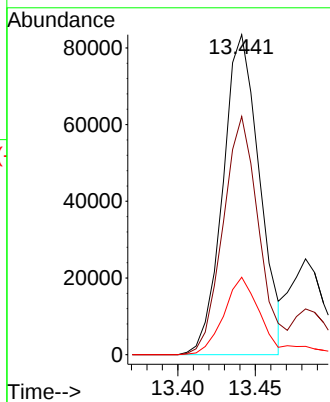
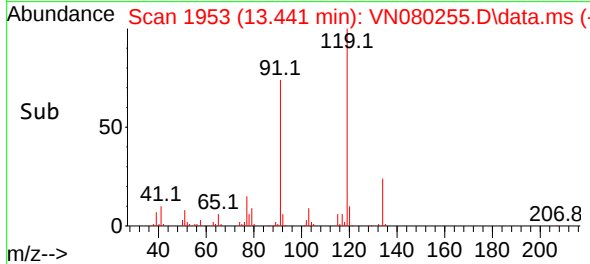
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



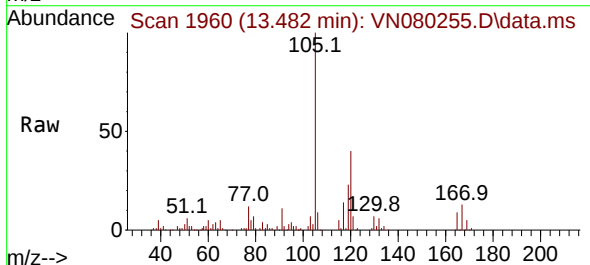
Tgt Ion:119 Resp: 137449
Ion Ratio Lower Upper
119 100
91 73.3 0.0 140.6
134 23.0 0.0 49.8

Manual Integrations
APPROVED

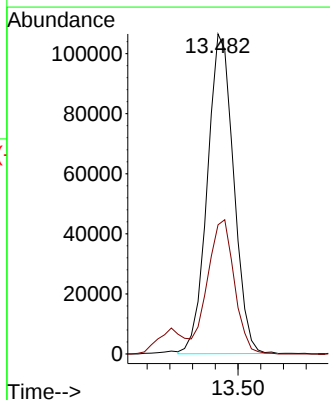
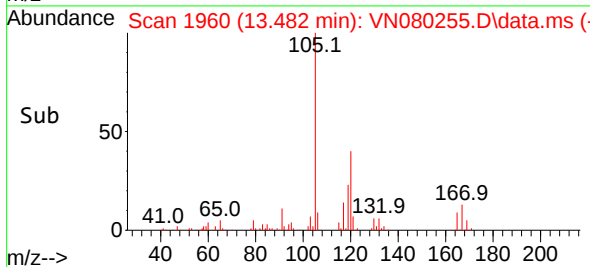
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

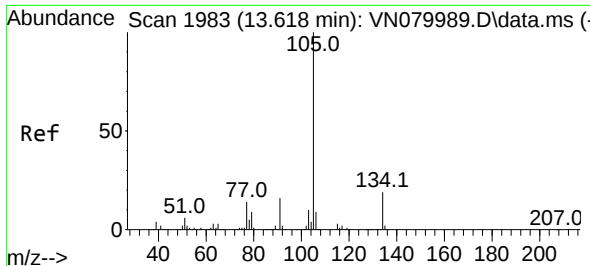


#80
1,2,4-Trimethylbenzene
Concen: 20.334 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57



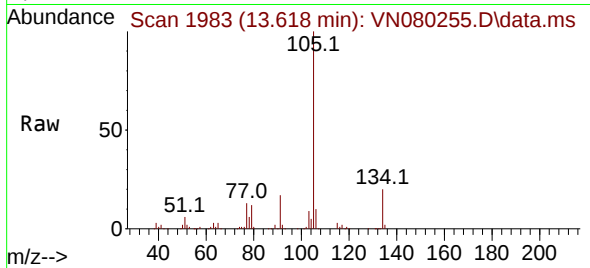
Tgt Ion:105 Resp: 171398
Ion Ratio Lower Upper
105 100
120 42.3 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 19.478 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57

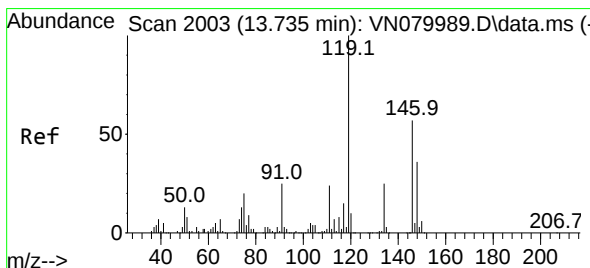
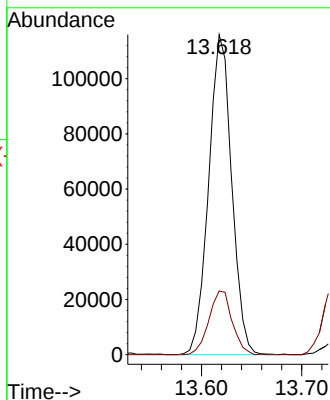
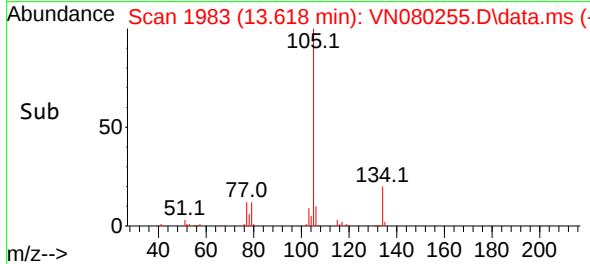
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02



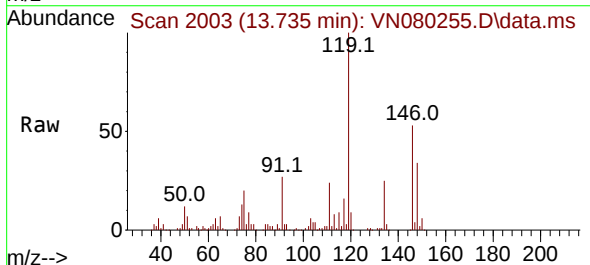
Tgt Ion:105 Resp: 185098
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.2

Manual Integrations
 APPROVED

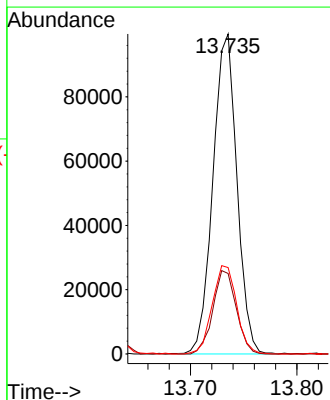
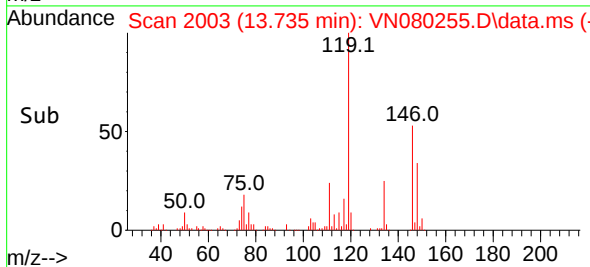
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

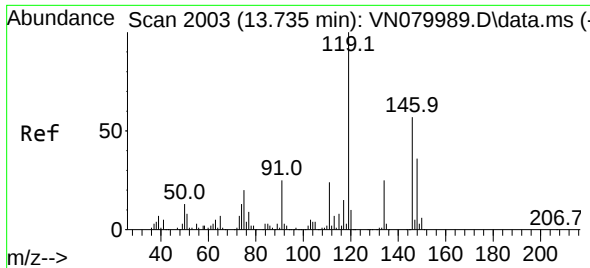


#82
 p-Isopropyltoluene
 Concen: 20.170 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57



Tgt Ion:119 Resp: 155663
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.2
 91 28.1 0.0 50.0





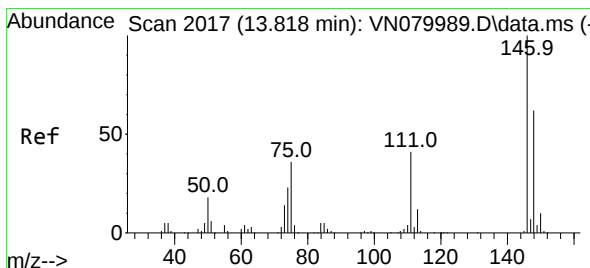
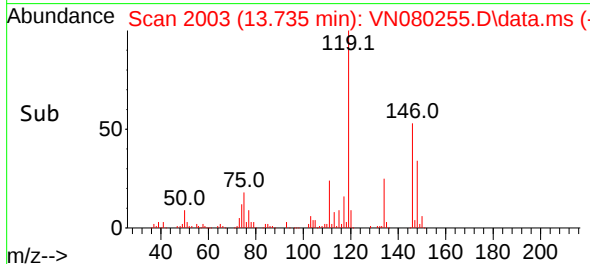
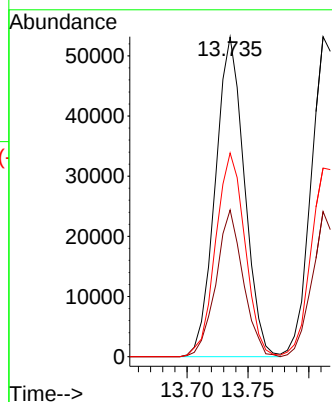
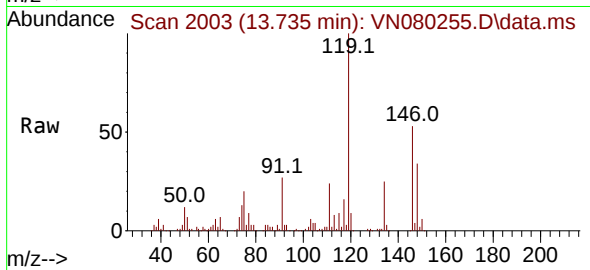
#83
1,3-Dichlorobenzene
Concen: 18.965 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tgt Ion:146 Resp: 88297
Ion Ratio Lower Upper
146 100
111 42.9 21.0 63.0
148 64.3 32.4 97.0

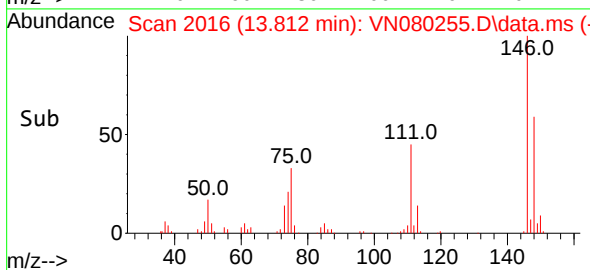
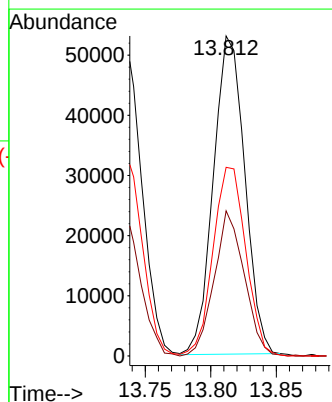
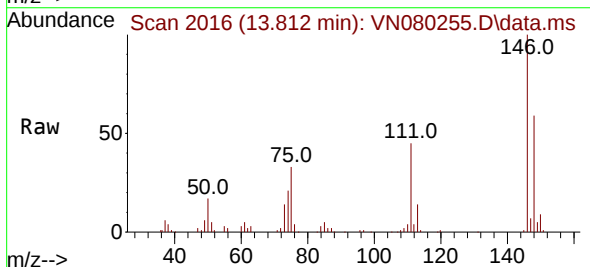
Manual Integrations
APPROVED

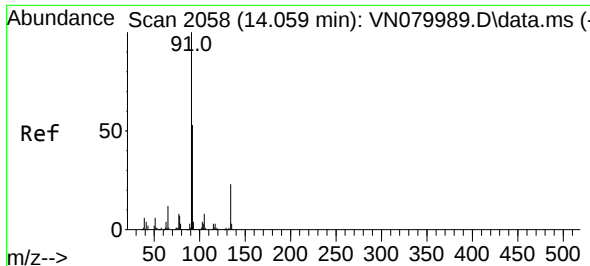
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#84
1,4-Dichlorobenzene
Concen: 19.302 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.005 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

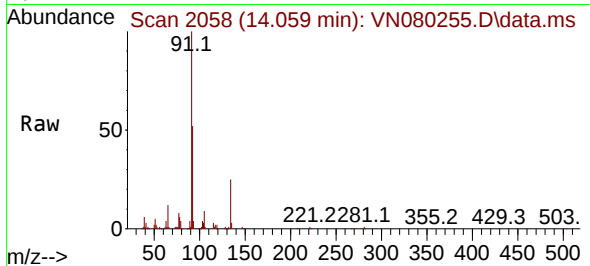
Tgt Ion:146 Resp: 88205
Ion Ratio Lower Upper
146 100
111 43.6 19.9 59.7
148 61.9 32.6 97.7





#85
n-Butylbenzene
Concen: 19.642 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

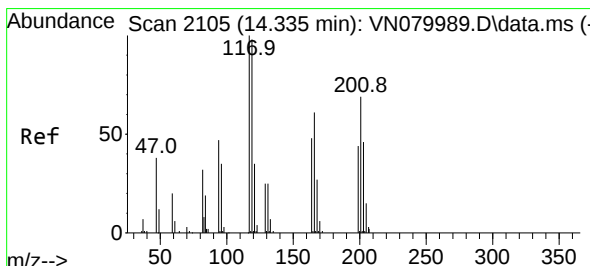
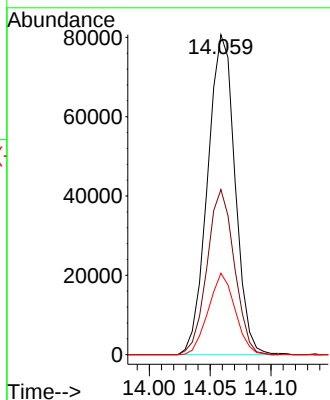
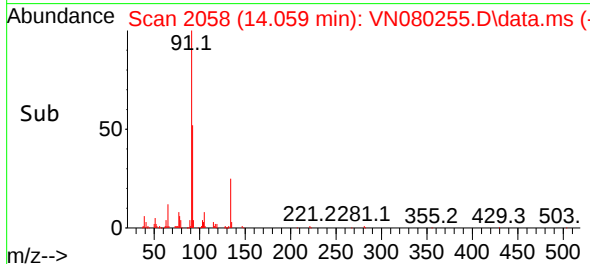
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion: 91 Resp: 126789
Ion Ratio Lower Upper
91 100
92 51.3 0.0 99.6
134 24.8 0.0 46.2

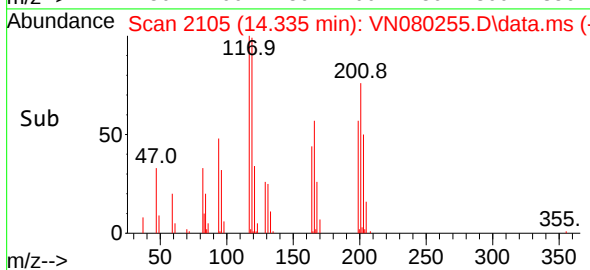
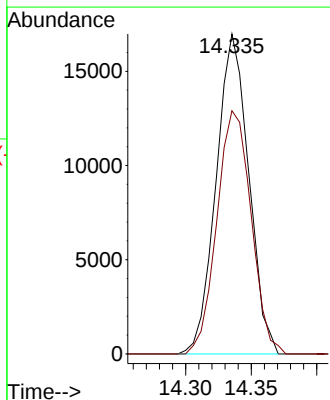
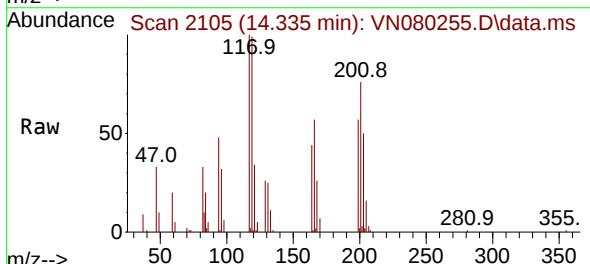
Manual Integrations
APPROVED

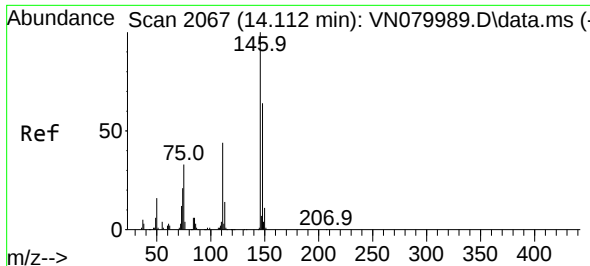
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 19.544 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion:117 Resp: 29329
Ion Ratio Lower Upper
117 100
201 80.0 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 19.428 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

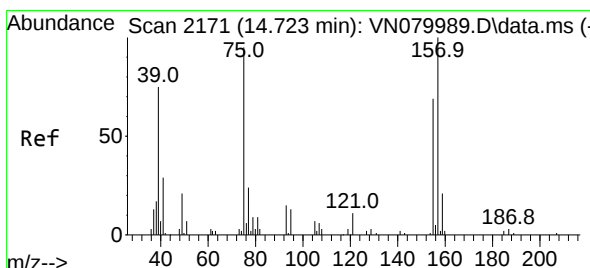
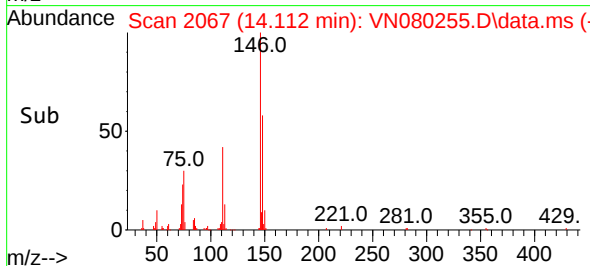
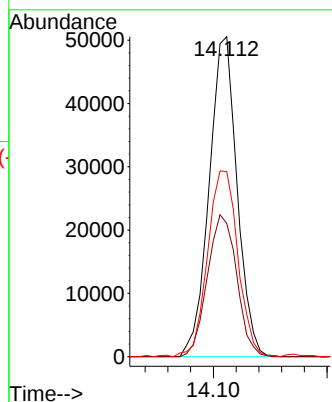
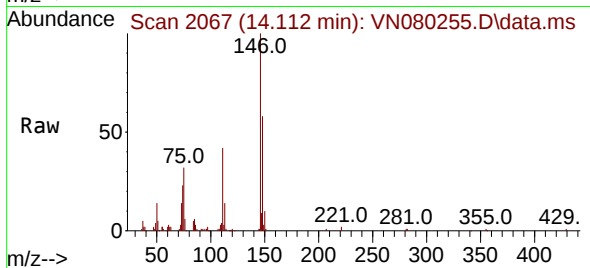
Tgt Ion:	146	Resp:	8641
Ion Ratio	Lower	Upper	
146	100		
111	46.4	22.0	66.0
148	62.7	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.664 ug/l

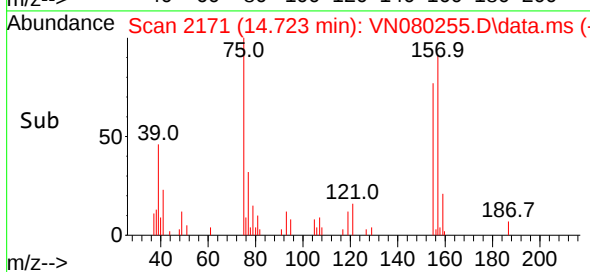
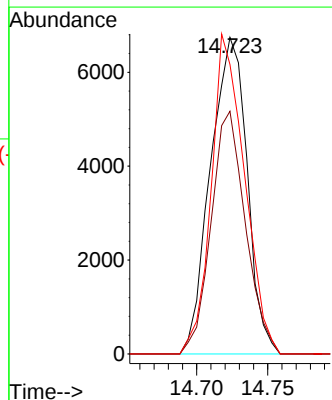
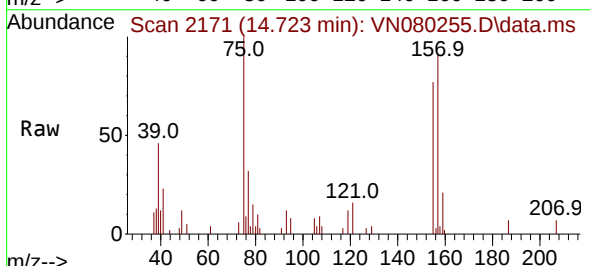
RT: 14.723 min Scan# 2171

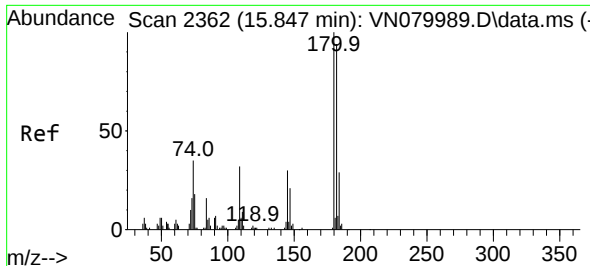
Delta R.T. 0.000 min

Lab File: VN080255.D

Acq: 24 Nov 2023 11:57

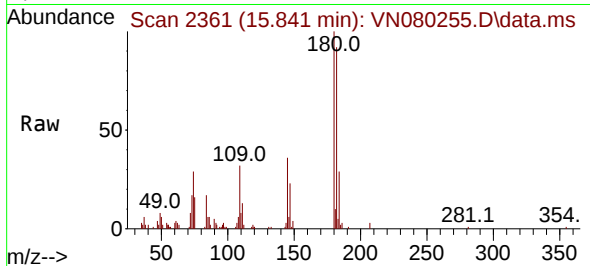
Tgt Ion:	75	Resp:	12082
Ion Ratio	Lower	Upper	
75	100		
155	72.0	60.7	91.1
157	91.8	76.8	115.2





#89
 1,2,4-Trichlorobenzene
 Concen: 19.626 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57

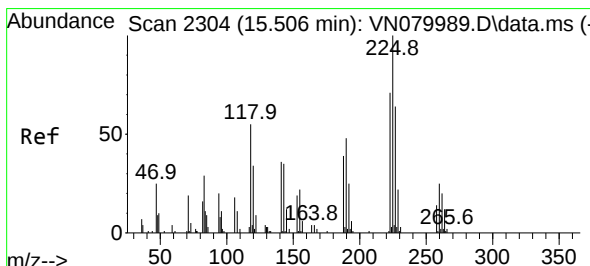
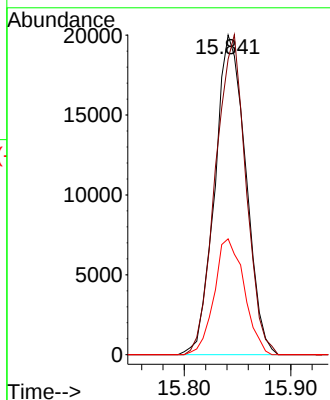
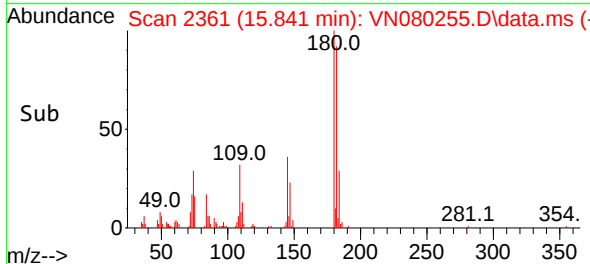
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02



Tgt Ion:180 Resp: 4044
 Ion Ratio Lower Upper
 180 100
 182 97.7 74.2 111.4
 145 35.1 25.4 38.2

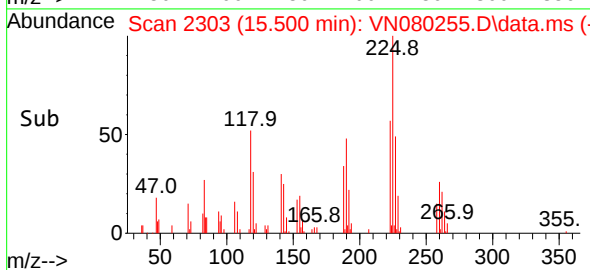
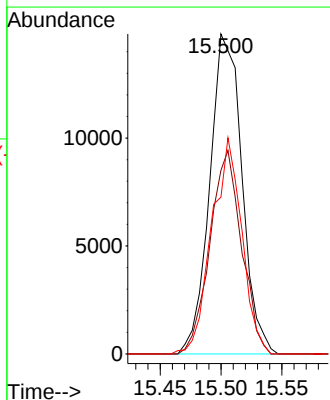
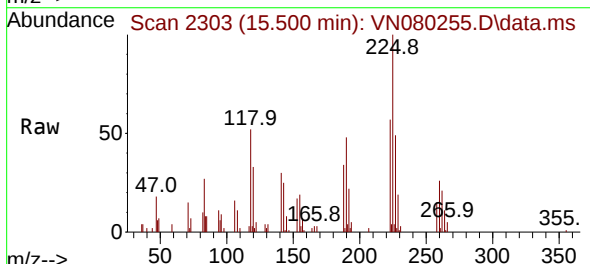
Manual Integrations
 APPROVED

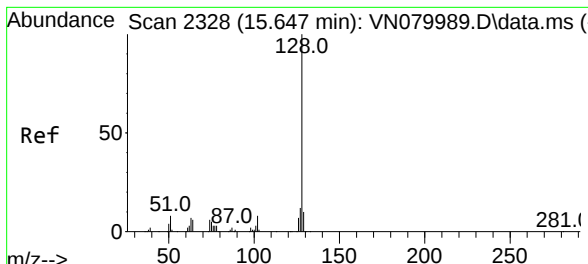
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#90
 Hexachlorobutadiene
 Concen: 26.871 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.005 min
 Lab File: VN080255.D
 Acq: 24 Nov 2023 11:57

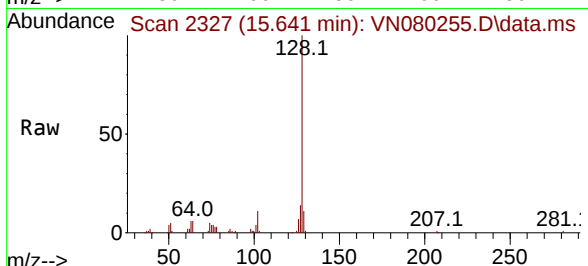
Tgt Ion:225 Resp: 27288
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 126.0
 227 63.1 0.0 127.0





#91
Naphthalene
Concen: 16.797 ug/l
RT: 15.641 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

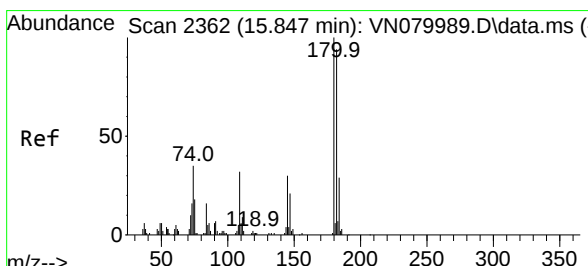
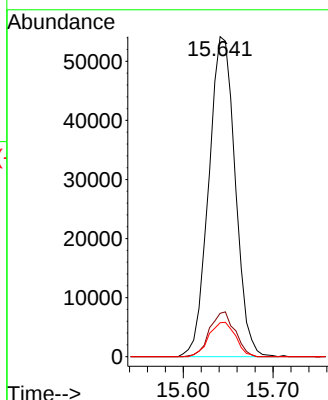
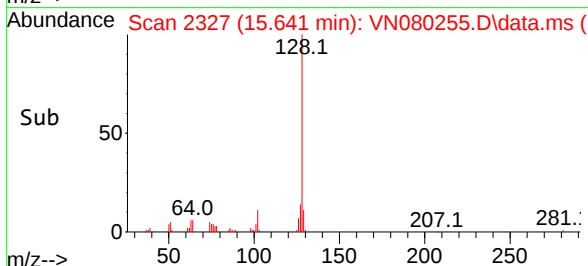
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02



Tgt Ion:128 Resp: 11107
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.626 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080255.D
Acq: 24 Nov 2023 11:57

Tgt Ion:180 Resp: 40442
Ion Ratio Lower Upper
180 100
182 97.7 0.0 185.6
145 35.1 0.0 63.6

