

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079577.D
 Acq On : 17 Oct 2023 12:49
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101723

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:21:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	22067	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	171731	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	205145	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	94987	30.275	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.933%			
60) 4-Bromofluorobenzene	12.853	95	115706	30.842	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.800%			
63) Toluene-d8	10.571	98	264530	30.092	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	63381	19.806	ug/l	94
3) Chloromethane	2.365	50	80833	19.489	ug/l	99
4) Vinyl Chloride	2.518	62	89557	20.007	ug/l	98
5) Bromomethane	2.959	94	53489	19.272	ug/l	89
6) Chloroethane	3.118	64	62403	19.806	ug/l	99
7) Trichlorofluoromethane	3.500	101	108005	19.773	ug/l	95
8) Diethyl Ether	3.965	74	39195	19.799	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	62798	20.095	ug/l	84
10) 1,1-Dichloroethene	4.347	96	58364	19.629	ug/l	92
11) Methyl Iodide	4.595	142	64006	19.443	ug/l	97
12) Methyl Acetate	5.030	43	140092	19.544	ug/l	96
13) Acrolein	4.183	56	55678	93.968	ug/l	100
14) Acrylonitrile	5.724	53	170469	99.310	ug/l	97
15) Acetone	4.430	58	54617	100.442	ug/l #	65
16) Carbon Disulfide	4.712	76	176431	19.460	ug/l	97
17) Allyl chloride	5.024	41	92670	20.215	ug/l	96
18) Methylene Chloride	5.289	84	73130m	19.982	ug/l	
19) trans-1,2-Dichloroethene	5.794	96	66416	19.966	ug/l	91
20) Diisopropyl ether	6.677	45	222030	20.426	ug/l	97
21) 1,1-Dichloroethane	6.571	63	131743	19.945	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	77188	20.147	ug/l	96
23) tert-Butyl Alcohol	5.524	59	51638	89.962	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	198534m	19.900	ug/l	
25) Chloroform	7.971	83	135373	20.283	ug/l	96
26) Cyclohexane	8.259	56	102416	20.512	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	97808	19.489	ug/l	100
30) 2-Butanone	7.488	43	234411	93.182	ug/l	99
31) 2,2-Dichloropropane	7.494	77	107334	18.969	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	113758	19.071	ug/l	98
33) Carbon Tetrachloride	8.365	117	96949	19.111	ug/l	94
34) Benzene	8.612	78	290325	19.041	ug/l	99
35) Methacrylonitrile	7.783	41	49474	18.696	ug/l	95
36) 1,2-Dichloroethane	8.671	62	103586	19.027	ug/l	100
37) Trichloroethene	9.353	130	68454	19.206	ug/l	97
38) Methylcyclohexane	9.606	83	91696	18.977	ug/l	99
39) 1,2-Dichloropropane	9.629	63	76722	19.067	ug/l	98
40) Dibromomethane	9.712	93	51693	19.575	ug/l	97
41) Bromodichloromethane	9.894	83	104948	19.177	ug/l	98
42) Vinyl Acetate	6.606	43	617525	96.769	ug/l	100

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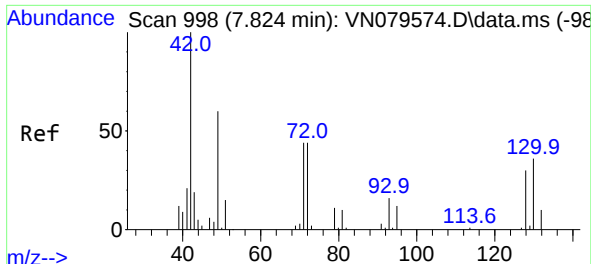
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	96372	20.373	ug/l	95
44) Isopropyl Acetate	8.694	43	153225	18.222	ug/l	99
45) 1,4-Dioxane	9.706	88	24451	371.469	ug/l	96
46) Methyl methacrylate	9.688	41	71869	19.265	ug/l	98
47) n-amyl Acetate	12.500	43	113565	18.713	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	105490	19.068	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	115656	19.118	ug/l	95
50) 1,1,2-Trichloroethane	11.024	97	71014	19.385	ug/l	95
51) Ethyl methacrylate	10.876	69	96920	19.176	ug/l	96
52) 1,3-Dichloropropane	11.171	76	121602	18.737	ug/l	99
53) Dibromochloromethane	11.365	129	71936	19.213	ug/l	97
54) 1,2-Dibromoethane	11.476	107	69001	19.092	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	166143	86.156	ug/l	98
56) Bromoform	12.582	173	45856	18.514	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	475925	99.463	ug/l	100
59) 2-Hexanone	11.200	43	343886	97.963	ug/l	99
61) Tetrachloroethene	11.106	164	56425	20.033	ug/l	98
62) Toluene	10.635	91	310928	19.832	ug/l	98
64) Chlorobenzene	11.894	112	179876	19.781	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	67521	19.493	ug/l	98
66) Ethyl Benzene	11.965	91	322747	19.979	ug/l	99
67) m/p-Xylenes	12.076	106	243822	40.808	ug/l	96
68) o-Xylene	12.406	106	118459	20.739	ug/l	97
69) Styrene	12.412	104	188062	20.740	ug/l	98
70) Isopropylbenzene	12.700	105	294841	20.114	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	100782	19.336	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	89840m	18.981	ug/l	
73) Bromobenzene	12.982	156	68344	19.848	ug/l	99
74) n-propylbenzene	13.041	91	347747	20.377	ug/l	99
75) 2-Chlorotoluene	13.129	91	217064	20.460	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	247647	20.667	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	28422	19.675	ug/l	99
78) 4-Chlorotoluene	13.223	91	202742	20.226	ug/l	99
79) tert-butylbenzene	13.441	119	193645	20.099	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	237623	20.465	ug/l	100
81) sec-Butylbenzene	13.617	105	272811	20.170	ug/l	99
82) p-Isopropyltoluene	13.735	119	219228	20.434	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	117402	20.734	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	109240	20.124	ug/l	99
85) n-Butylbenzene	14.059	91	167711	20.007	ug/l	98
86) Hexachloroethane	14.335	117	44101	19.014	ug/l	98
87) 1,2-Dichlorobenzene	14.112	146	112964	20.072	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	14954	18.829	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	35231	17.760	ug/l	98
90) Hexachlorobutadiene	15.506	225	26188	18.637	ug/l	97
91) Naphthalene	15.647	128	77341	15.114	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	35231	17.760	ug/l	98

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



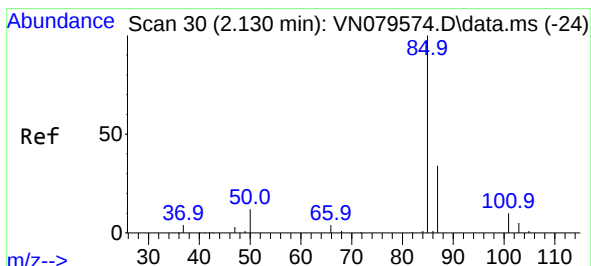
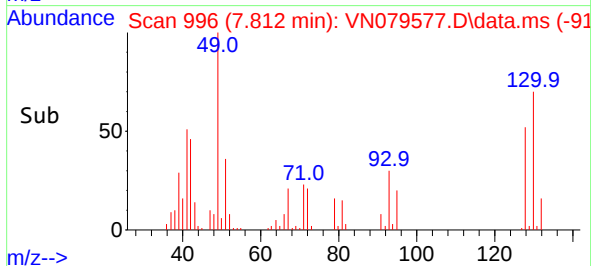
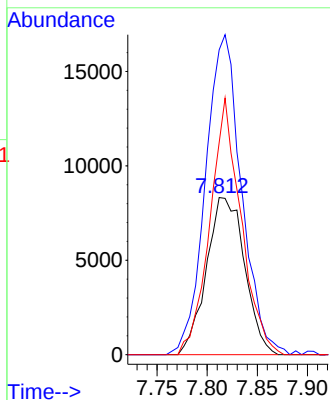
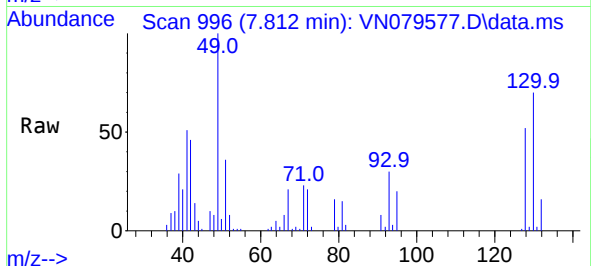
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 998
Delta R.T. -0.012 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :
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ClientSampleId :
ICNVN101723

Tgt Ion:128 Resp: 2206
Ion Ratio Lower Upper
128 100
49 191.8 0.0 468.5
130 132.9 0.0 320.7

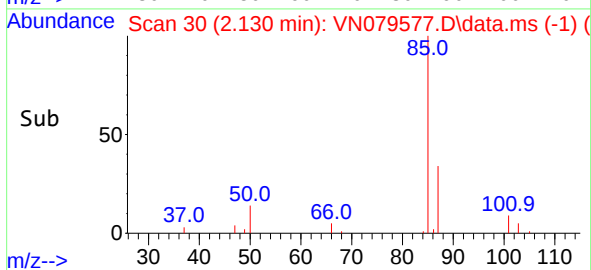
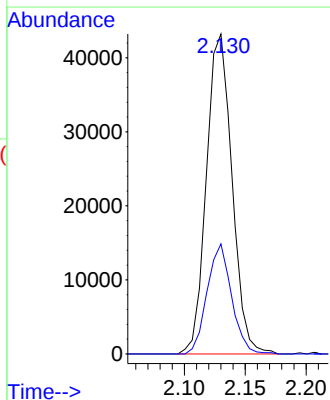
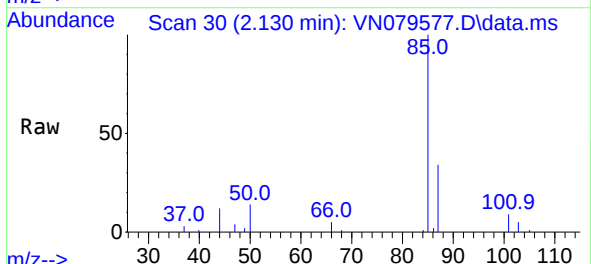
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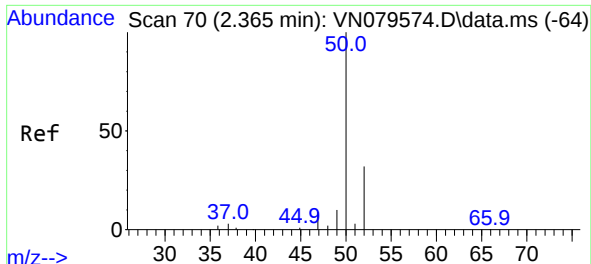
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#2
Dichlorodifluoromethane
Concen: 19.806 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

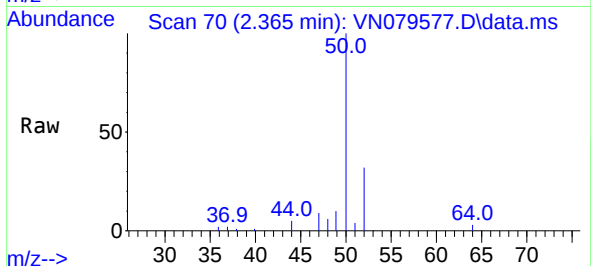
Tgt Ion: 85 Resp: 63381
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7





#3
Chloromethane
Concen: 19.489 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

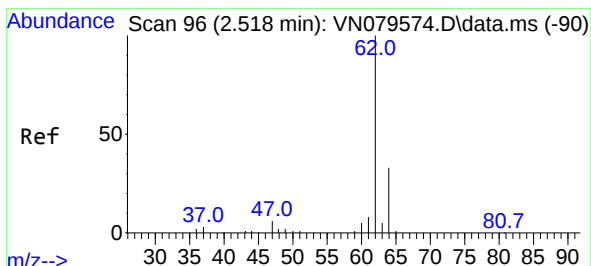
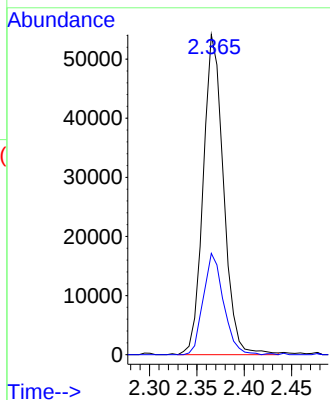
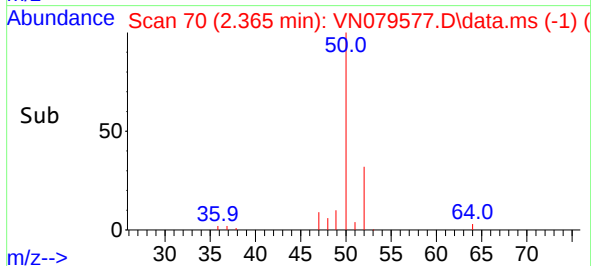
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



Tgt Ion: 50 Resp: 80833
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4

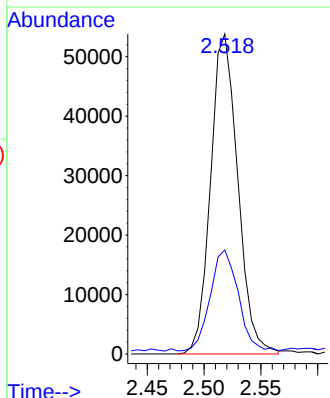
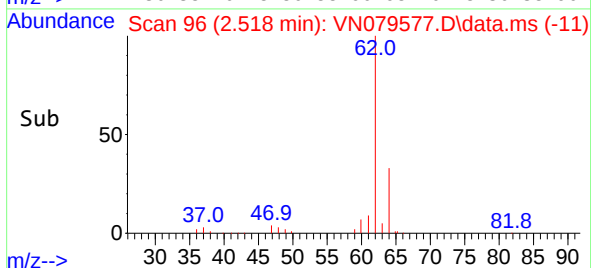
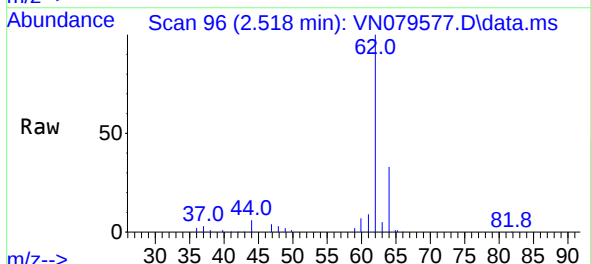
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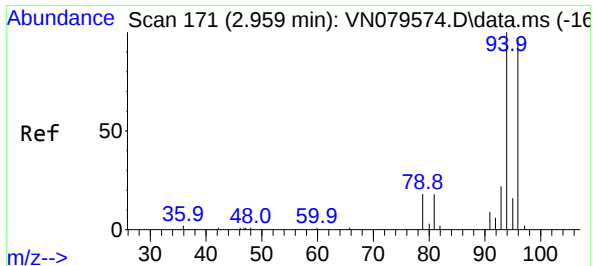
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#4
Vinyl Chloride
Concen: 20.007 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion: 62 Resp: 89557
Ion Ratio Lower Upper
62 100
64 31.6 26.4 39.6





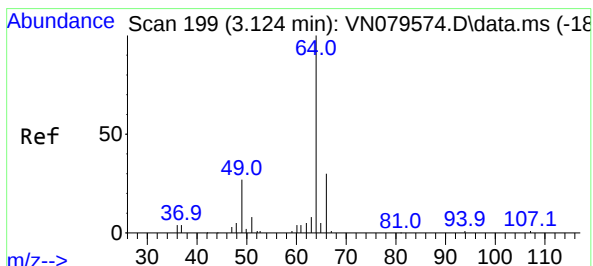
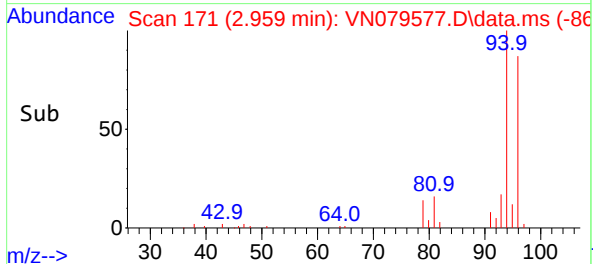
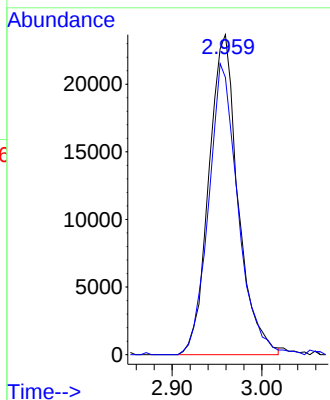
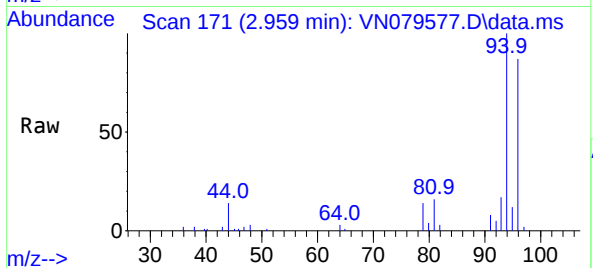
#5
Bromomethane
Concen: 19.272 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :
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ClientSampleId :
ICVVN101723

Tgt Ion: 94 Resp: 53489
Ion Ratio Lower Upper
94 100
96 86.6 77.8 116.6

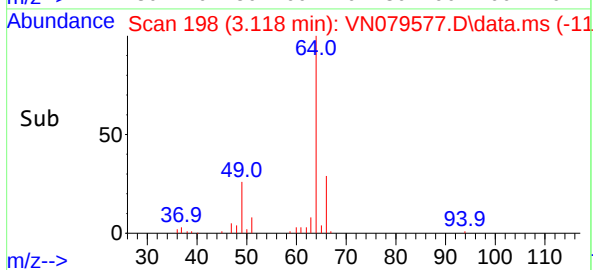
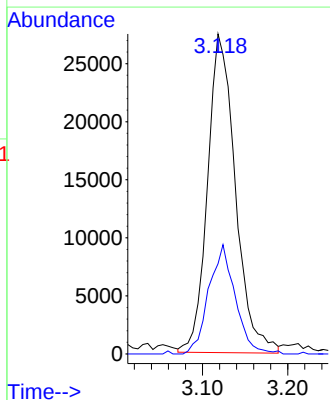
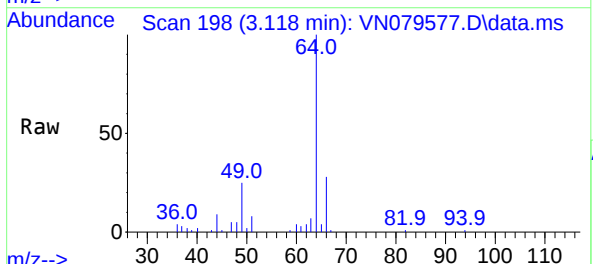
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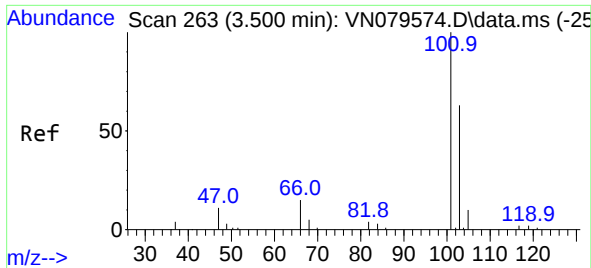
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#6
Chloroethane
Concen: 19.806 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion: 64 Resp: 62403
Ion Ratio Lower Upper
64 100
66 28.6 23.3 34.9





#7
Trichlorofluoromethane
Concen: 19.773 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

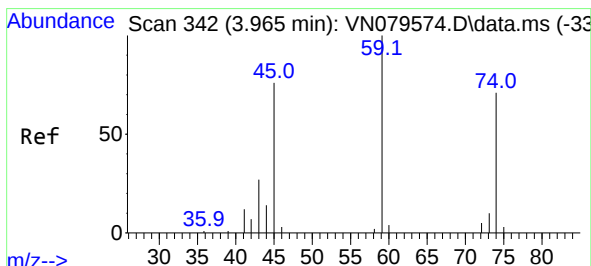
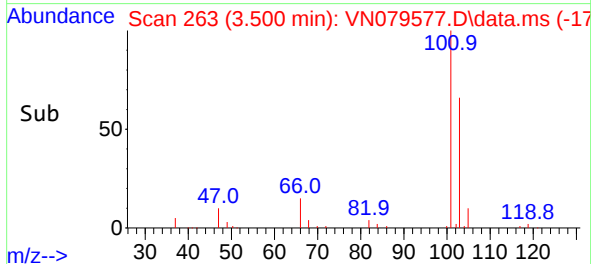
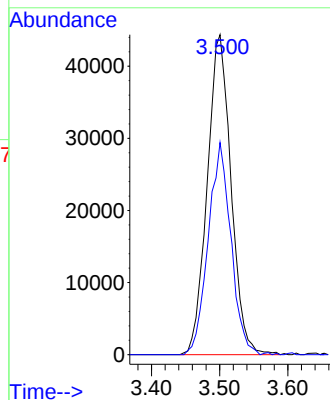
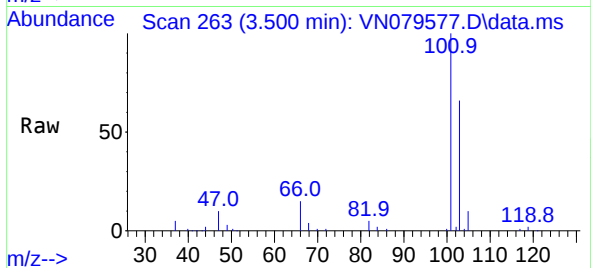
ICVVN101723

Tgt Ion:101 Resp: 10800
Ion Ratio Lower Upper
101 100
103 66.3 49.9 74.9

Manual Integrations

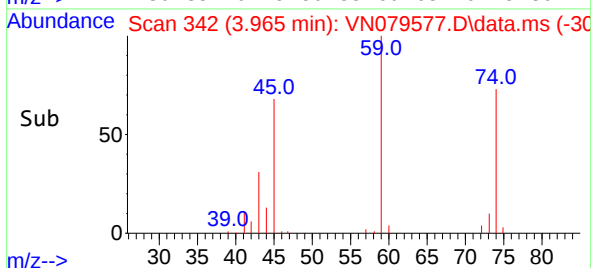
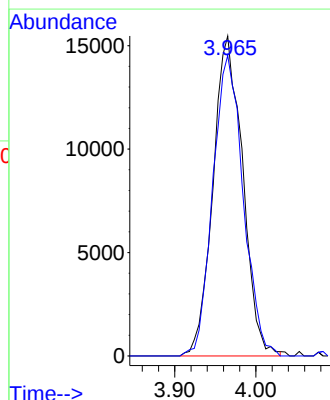
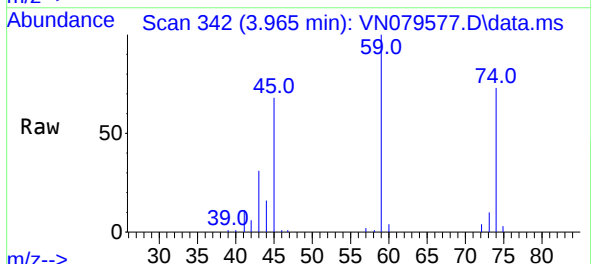
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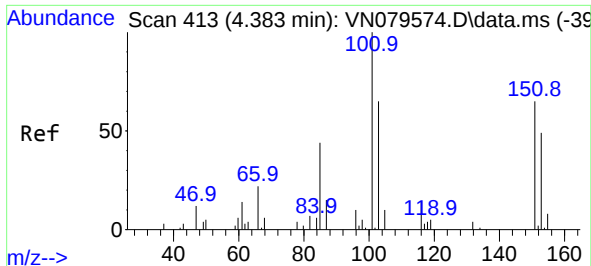
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#8
Diethyl Ether
Concen: 19.799 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion: 74 Resp: 39195
Ion Ratio Lower Upper
74 100
45 96.2 19.0 171.0





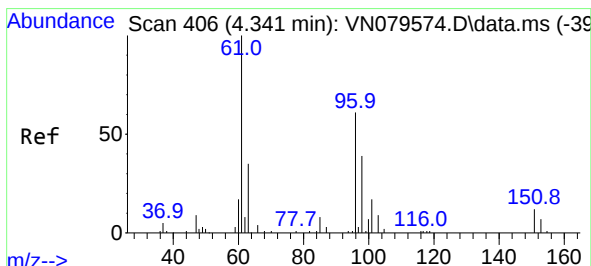
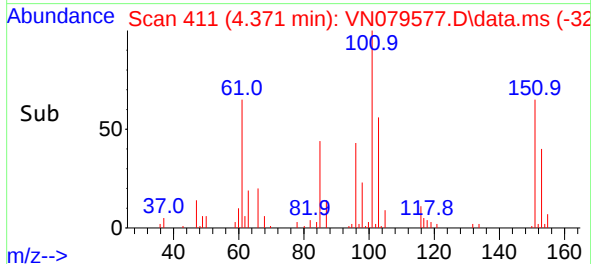
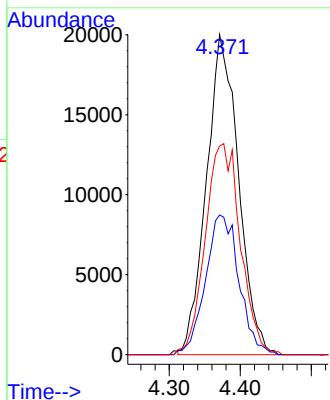
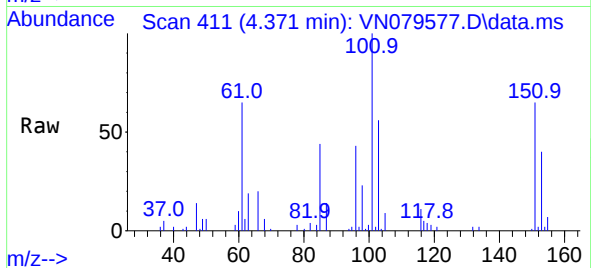
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1,1,2-Trichlorotrifluoroethane
Concen: 20.095 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079577.D
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Instrument :
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ICVVN101723

Tgt Ion:101 Resp: 62798
Ion Ratio Lower Upper
101 100
85 45.6 0.0 92.0
151 47.7 0.0 138.4

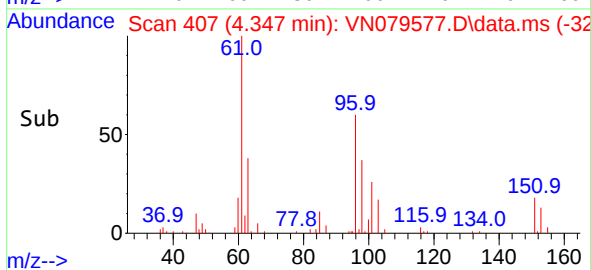
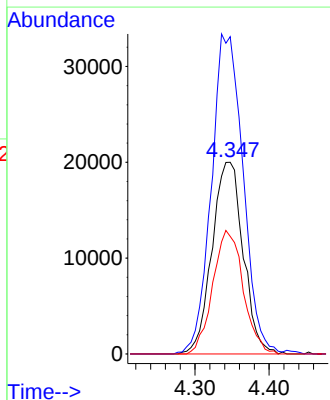
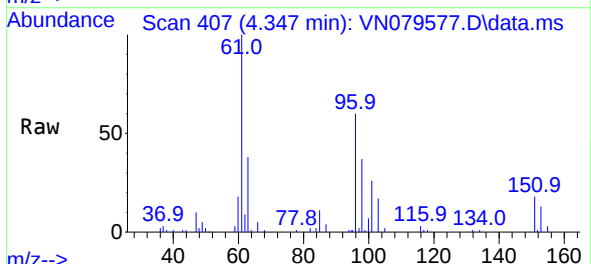
Manual Integrations
APPROVED

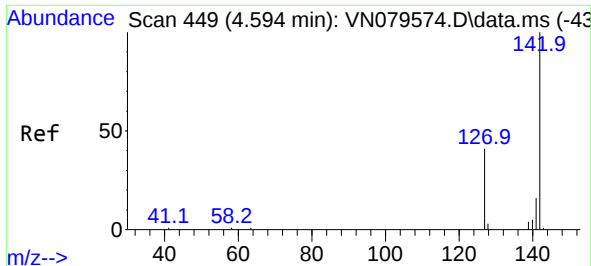
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
1,1-Dichloroethene
Concen: 19.629 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion: 96 Resp: 58364
Ion Ratio Lower Upper
96 100
61 164.6 141.3 211.9
98 61.4 53.2 79.8





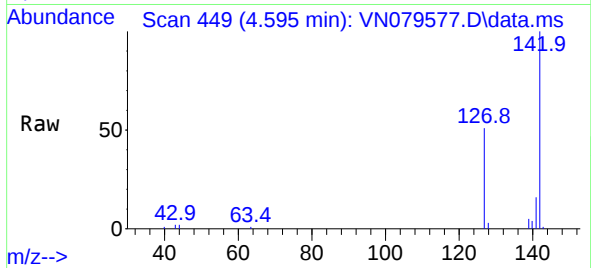
#11
Methyl Iodide
Concen: 19.443 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101723



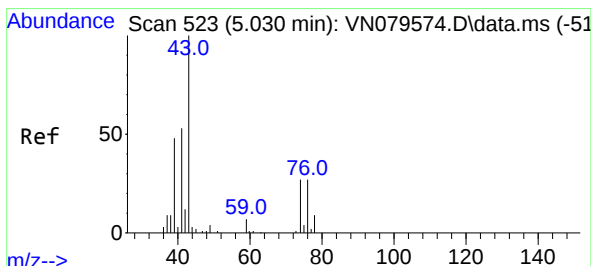
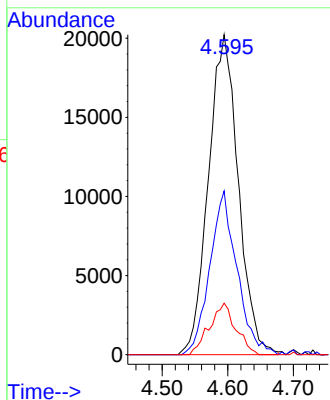
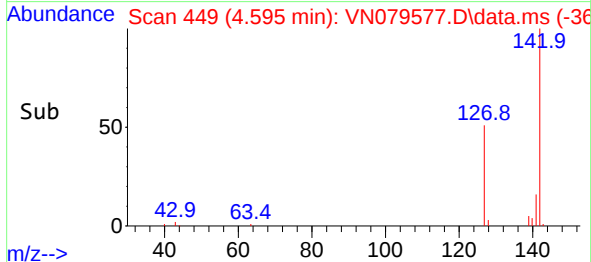
Tgt Ion:142 Resp: 64000
Ion Ratio Lower Upper
142 100
127 51.4 24.6 73.8
141 16.2 7.7 23.1

Manual Integrations

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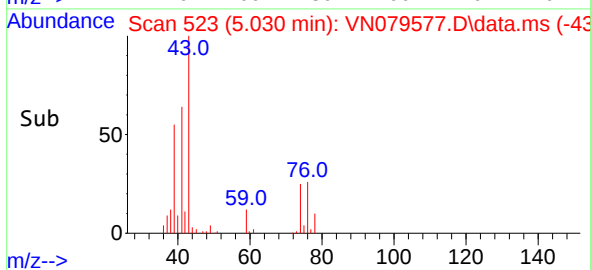
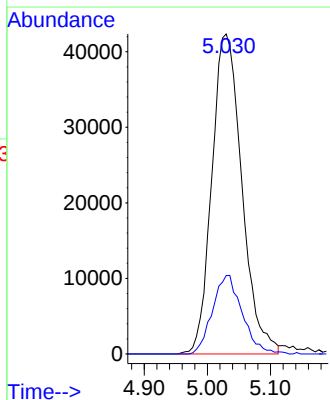
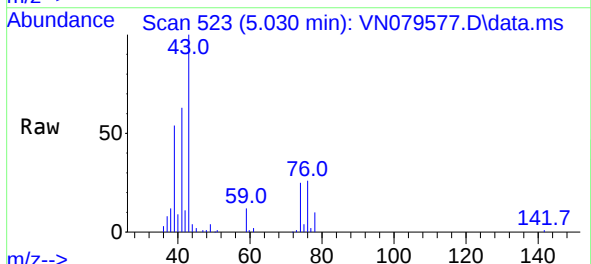
Reviewed By :John Carlone 10/18/2023

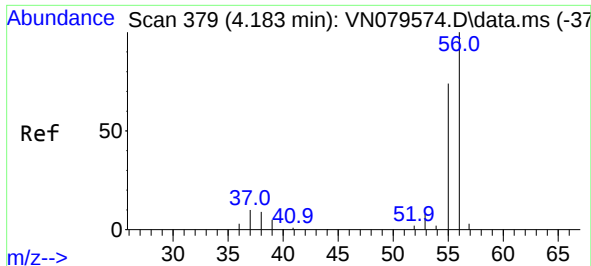
Supervised By :Mahesh Dadoda 10/20/2023



#12
Methyl Acetate
Concen: 19.544 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

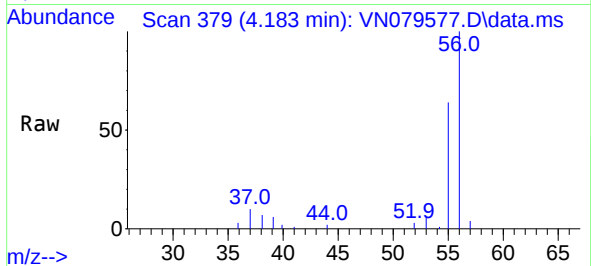
Tgt Ion: 43 Resp: 140092
Ion Ratio Lower Upper
43 100
74 24.5 18.1 27.1





#13
Acrolein
Concen: 93.968 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

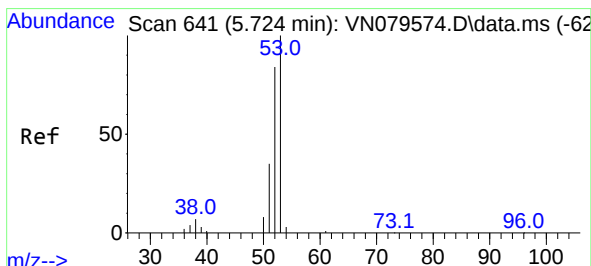
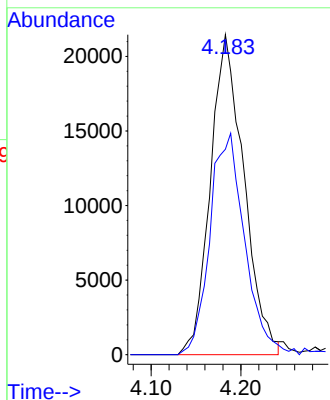
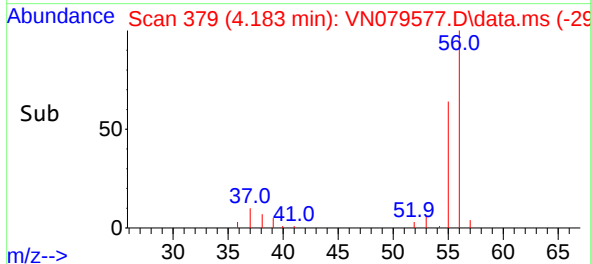
Instrument :
MSVOA_N
Client Sample Id :
ICVVN101723



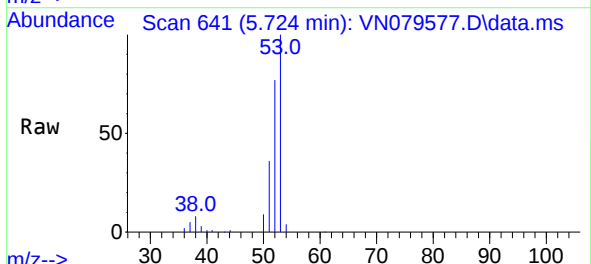
Tgt Ion: 56 Resp: 55678
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

Manual Integrations
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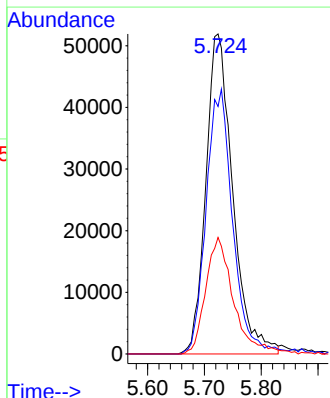
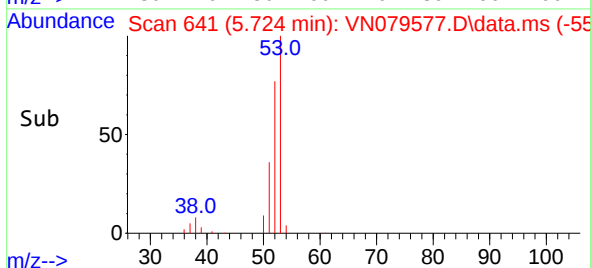
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

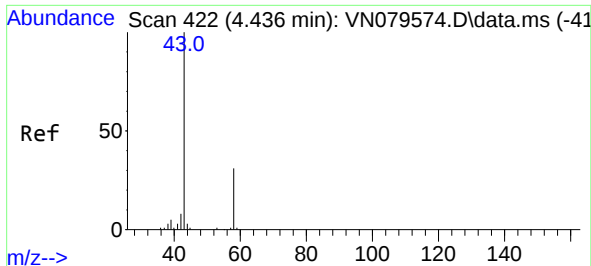


#14
Acrylonitrile
Concen: 99.310 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



Tgt Ion: 53 Resp: 170469
Ion Ratio Lower Upper
53 100
52 80.5 41.6 124.9
51 36.3 17.8 53.3





#15

Acetone

Concen: 100.442 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079577.D

Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101723

Tgt Ion: 58 Resp: 5461

Ion Ratio Lower Upper

58 100

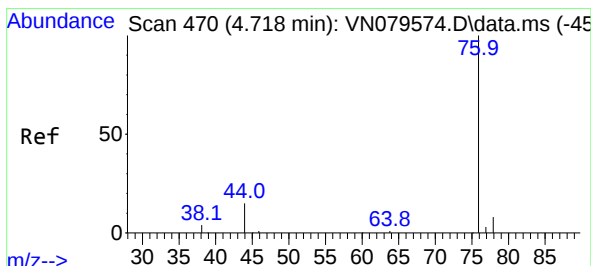
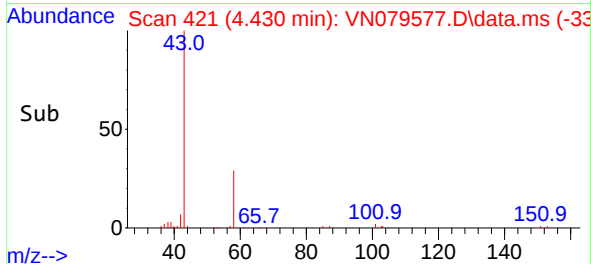
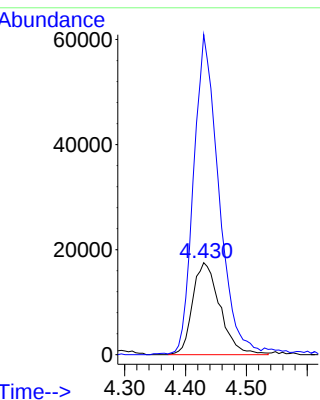
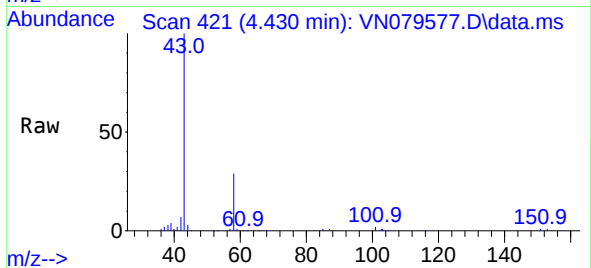
43 347.2 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#16

Carbon Disulfide

Concen: 19.460 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079577.D

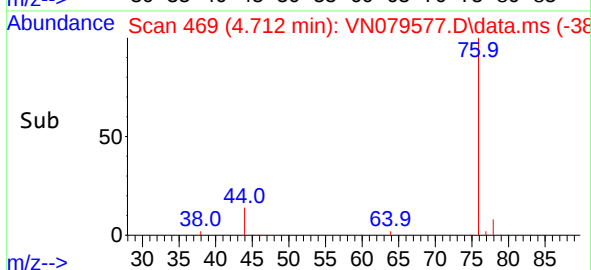
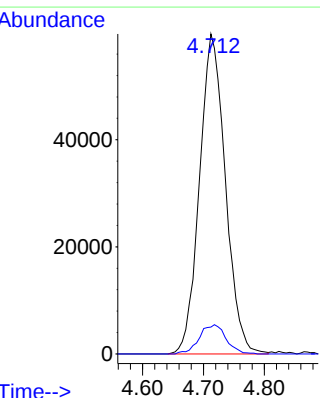
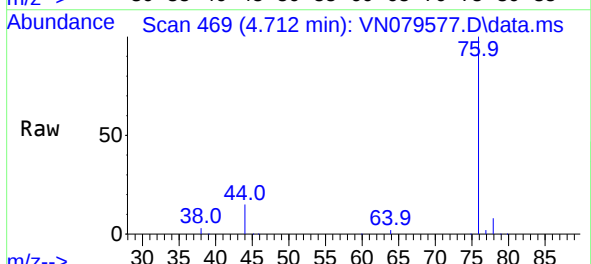
Acq: 17 Oct 2023 12:49

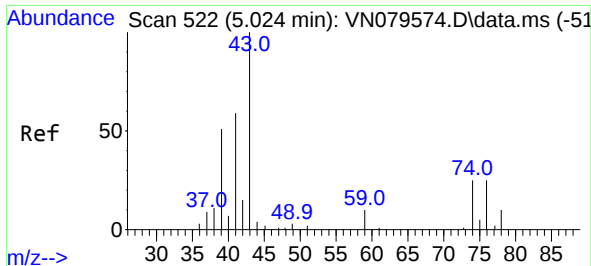
Tgt Ion: 76 Resp: 176431

Ion Ratio Lower Upper

76 100

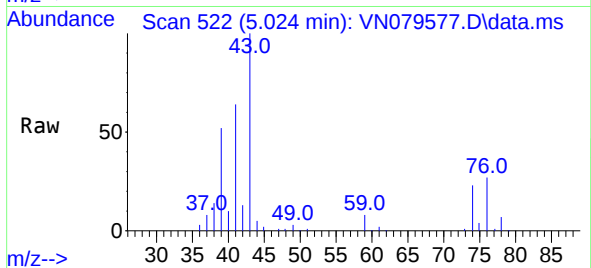
78 8.4 7.5 11.3





#17
 Allyl chloride
 Concen: 20.215 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079577.D
 Acq: 17 Oct 2023 12:49

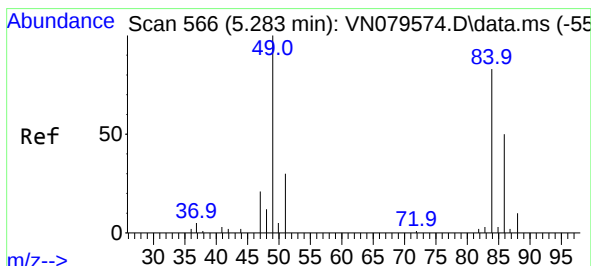
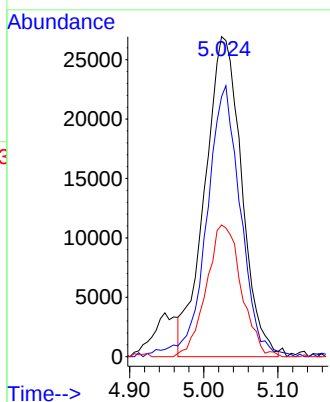
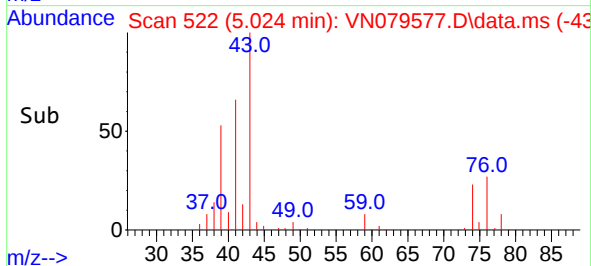
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101723



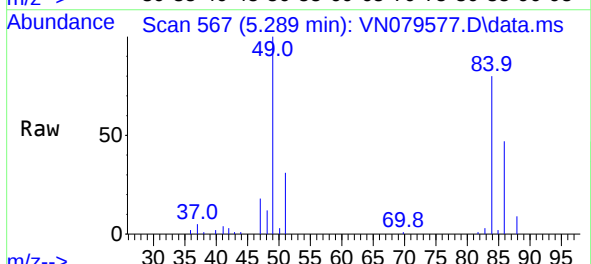
Tgt Ion: 41 Resp: 92670
 Ion Ratio Lower Upper
 41 100
 39 80.9 38.4 115.2
 76 41.3 19.5 58.5

Manual Integrations
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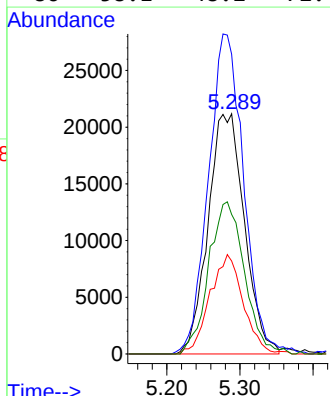
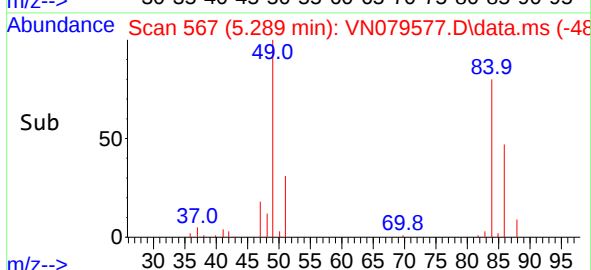
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

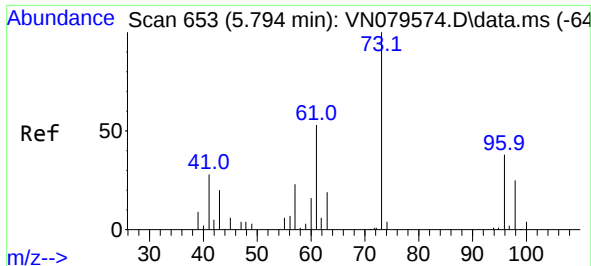


#18
 Methylene Chloride
 Concen: 19.982 ug/l m
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN079577.D
 Acq: 17 Oct 2023 12:49



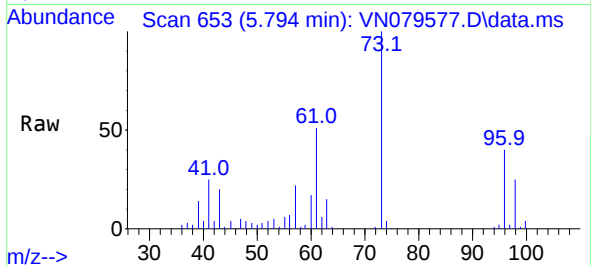
Tgt Ion: 84 Resp: 73130
 Ion Ratio Lower Upper
 84 100
 49 124.8 100.9 151.3
 51 38.7 29.4 44.2
 86 58.1 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 19.966 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

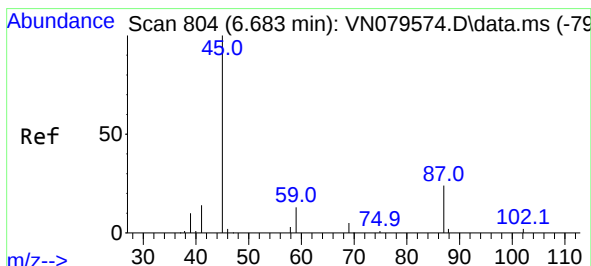
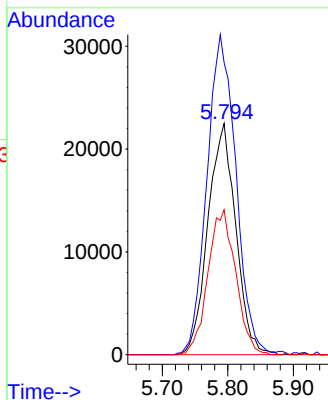
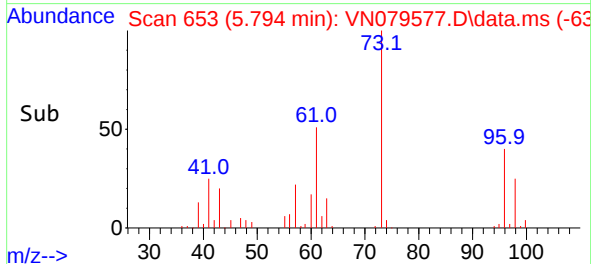
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



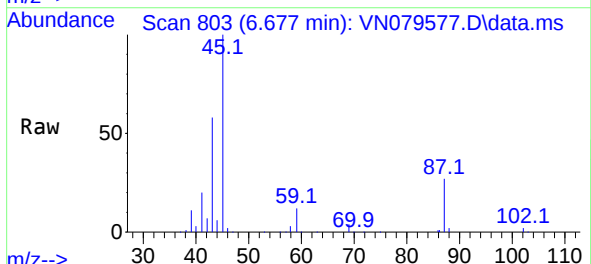
Tgt Ion: 96 Resp: 66410
Ion Ratio Lower Upper
96 100
61 125.6 113.4 170.0
98 62.6 50.4 75.6

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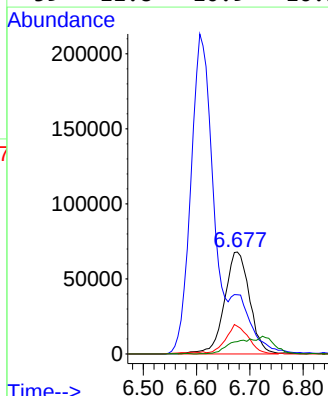
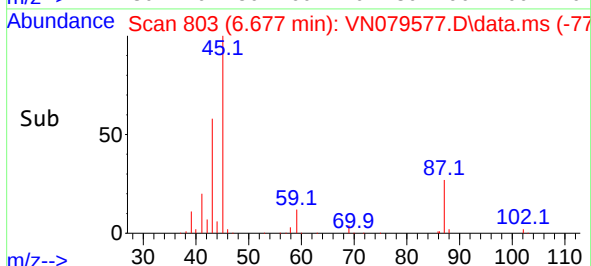
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

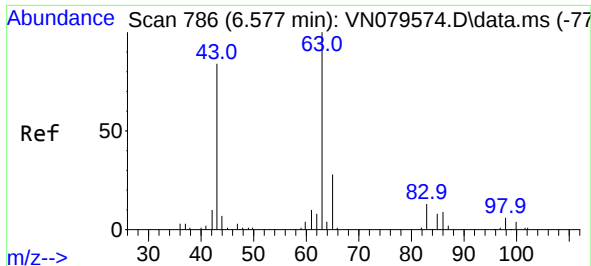


#20
Diisopropyl ether
Concen: 20.426 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



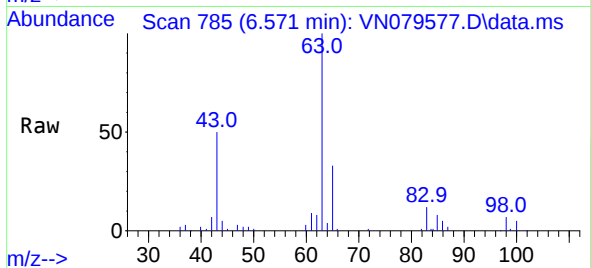
Tgt Ion: 45 Resp: 222030
Ion Ratio Lower Upper
45 100
43 54.6 42.1 63.1
87 26.9 20.5 30.7
59 11.8 10.9 16.3





#21
1,1-Dichloroethane
Concen: 19.945 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

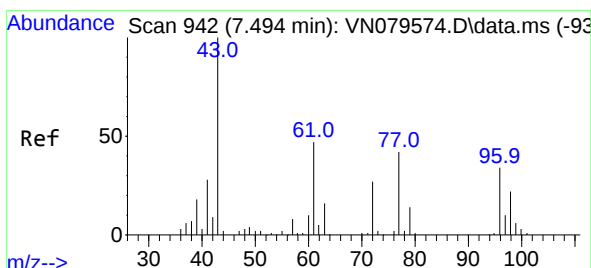
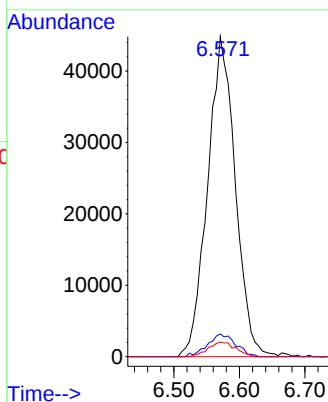
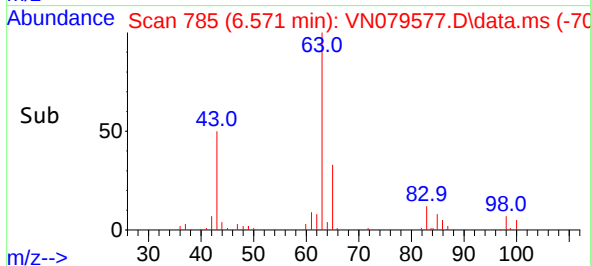
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



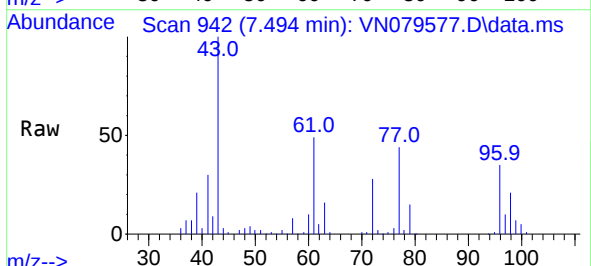
Tgt Ion: 63 Resp: 13174
Ion Ratio Lower Upper
63 100
98 7.1 2.8 8.4
100 4.6 1.9 5.7

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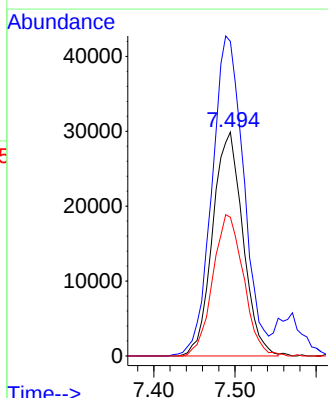
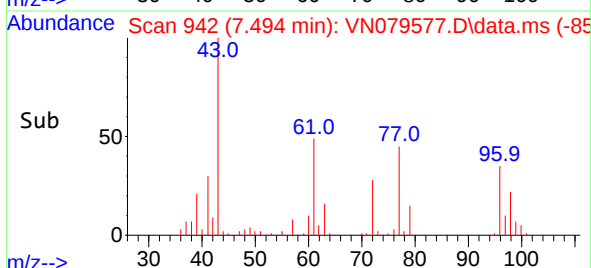
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

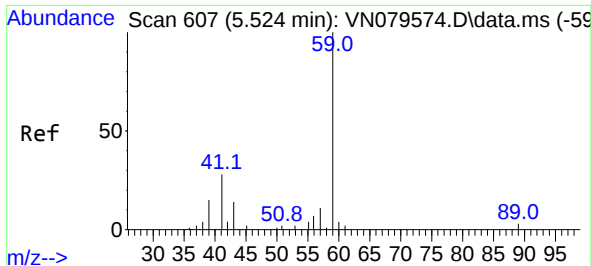


#22
cis-1,2-Dichloroethene
Concen: 20.147 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



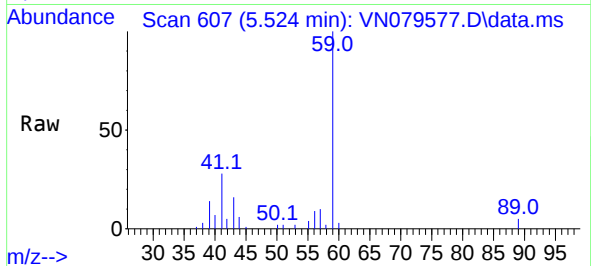
Tgt Ion: 96 Resp: 77188
Ion Ratio Lower Upper
96 100
61 150.2 124.6 186.8
98 64.3 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 89.962 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

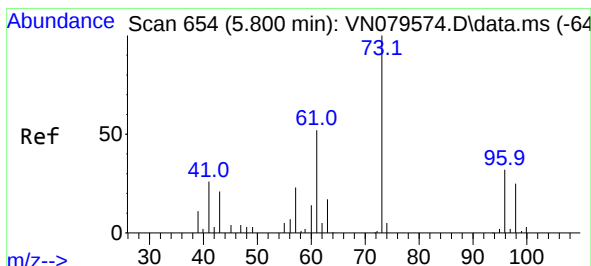
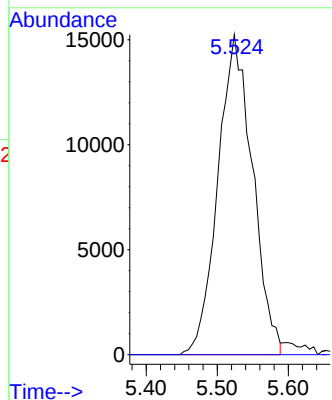
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



Tgt Ion: 59 Resp: 51638
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

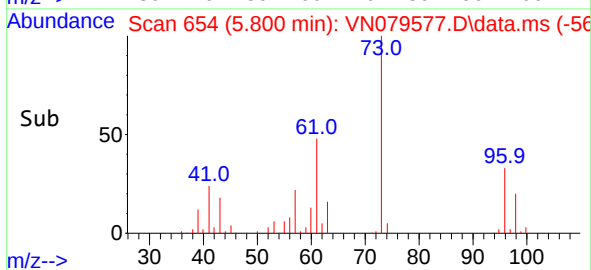
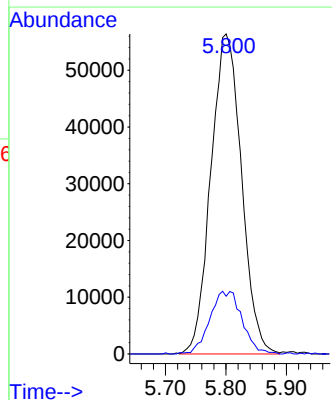
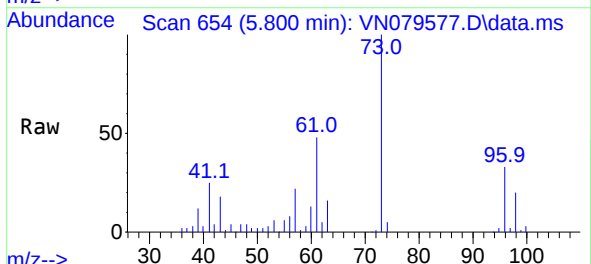
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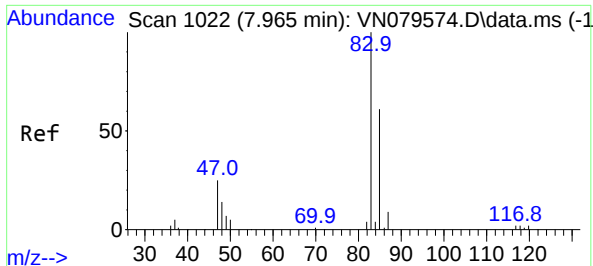
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#24
Methyl tert-Butyl Ether
Concen: 19.900 ug/l m
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion: 73 Resp: 198534
Ion Ratio Lower Upper
73 100
43 0.1 16.6 24.8#





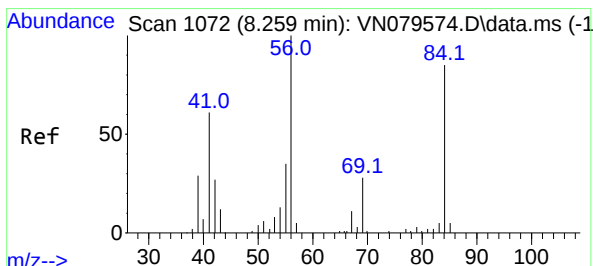
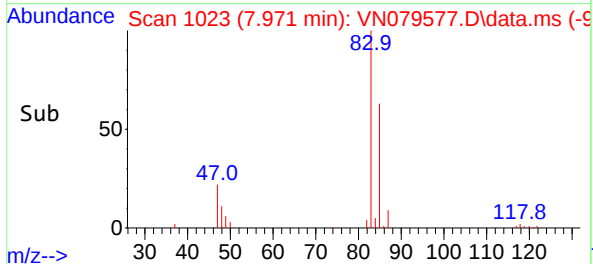
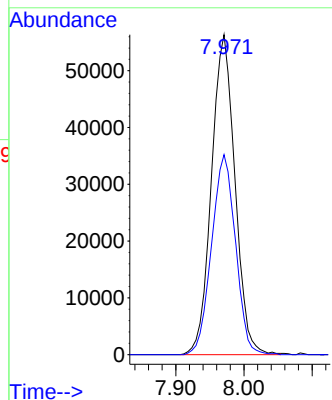
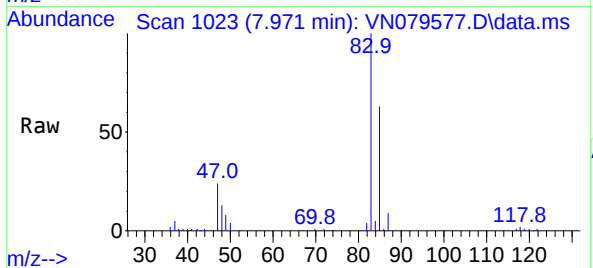
#25
Chloroform
Concen: 20.283 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723

Tgt Ion: 83 Resp: 13537
Ion Ratio Lower Upper
83 100
85 62.5 47.4 71.2

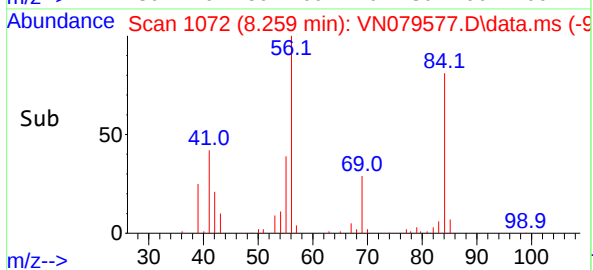
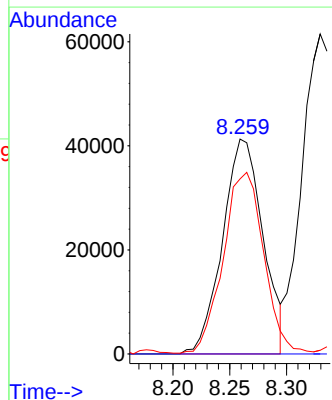
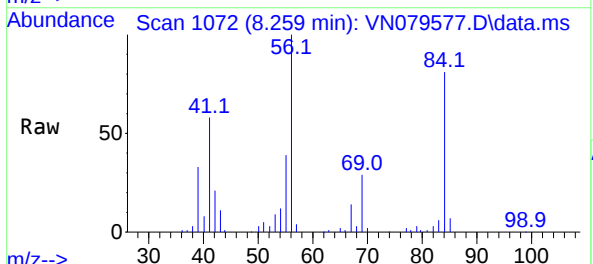
Manual Integrations
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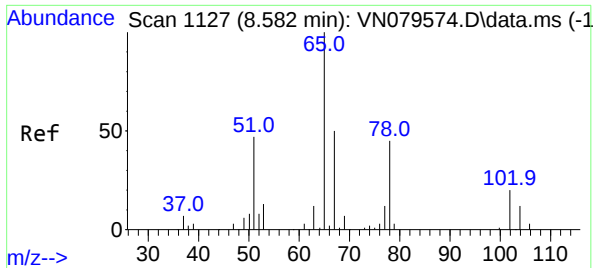
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
Cyclohexane
Concen: 20.512 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion: 56 Resp: 102416
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.4 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.275 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

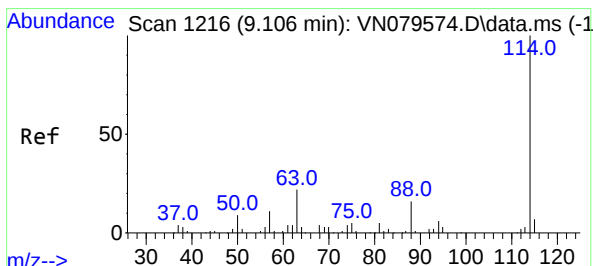
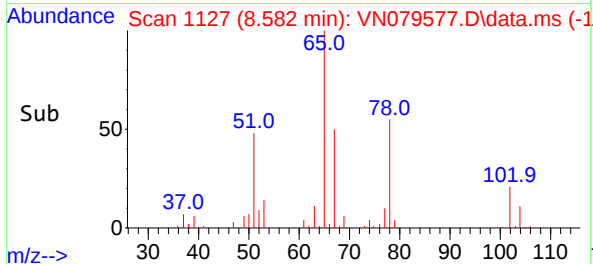
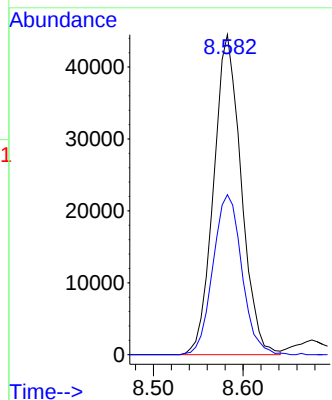
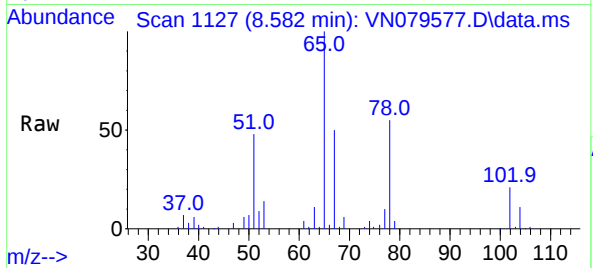
ICVVN101723

Tgt Ion: 65 Resp: 9498
Ion Ratio Lower Upper
65 100
67 52.2 42.1 63.1

Manual Integrations

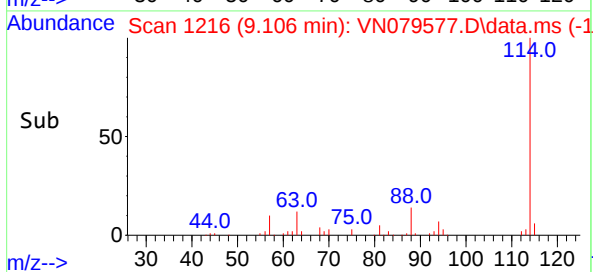
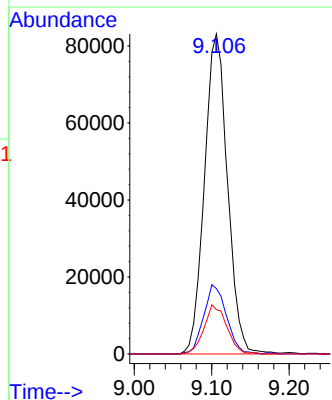
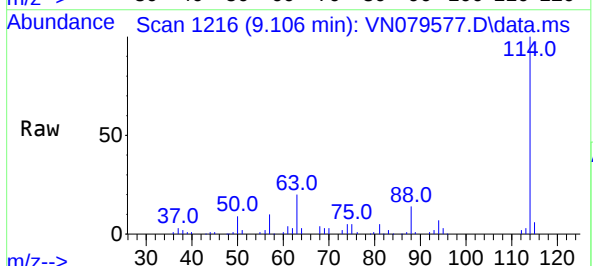
APPROVED

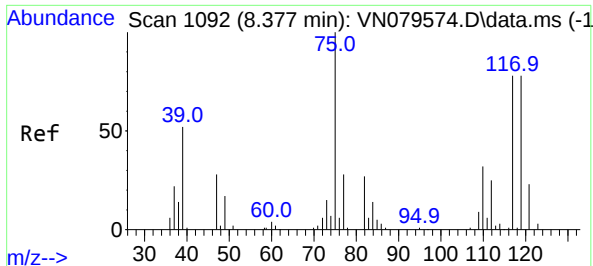
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion:114 Resp: 171731
Ion Ratio Lower Upper
114 100
63 21.4 18.1 27.1
88 15.0 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.489 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

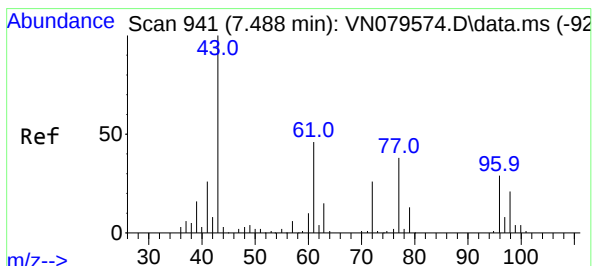
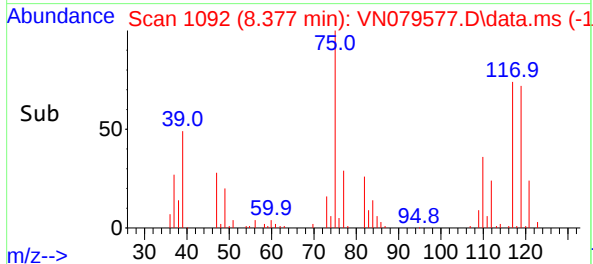
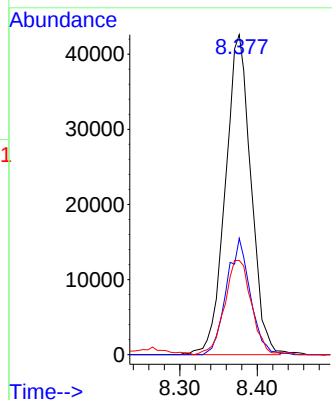
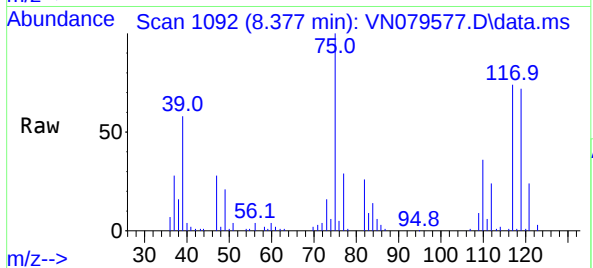
ClientSampleId :

ICVVN101723

Tgt Ion: 75 Resp: 97808
Ion Ratio Lower Upper
75 100
110 33.7 0.0 66.8
77 30.7 0.0 61.2

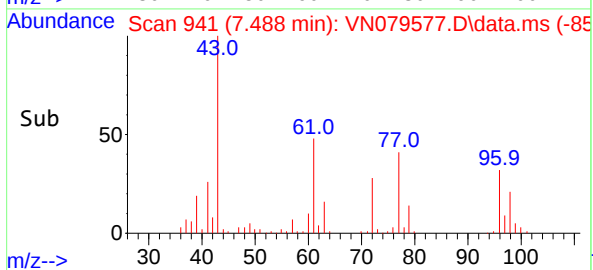
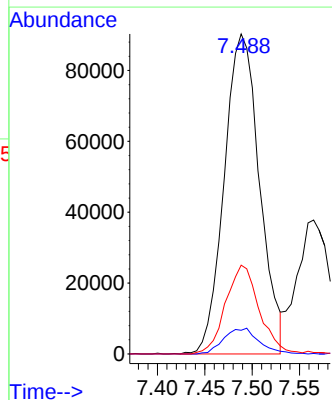
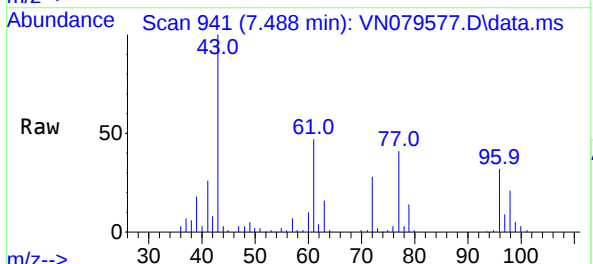
Manual Integrations
APPROVED

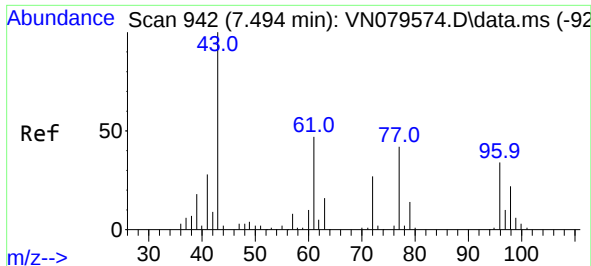
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#30
2-Butanone
Concen: 93.182 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

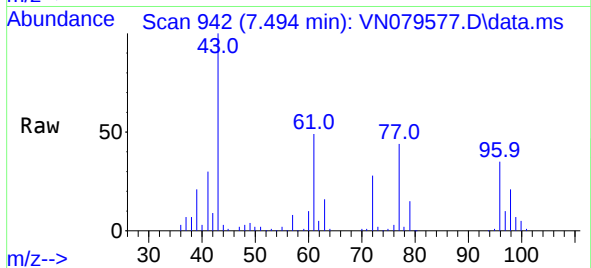
Tgt Ion: 43 Resp: 234411
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 26.4 20.7 31.1





#31
2,2-Dichloropropane
Concen: 18.969 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

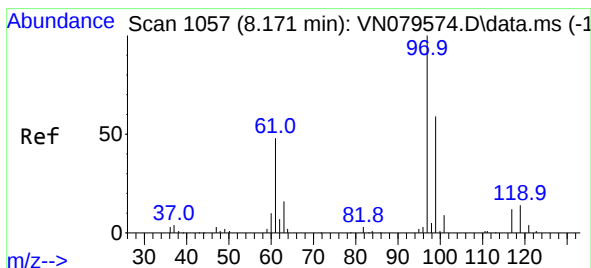
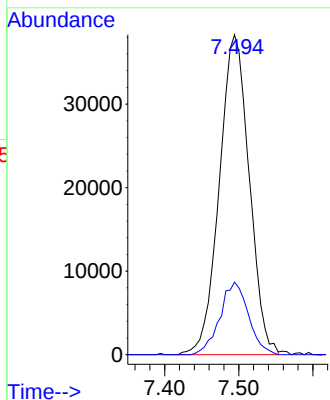
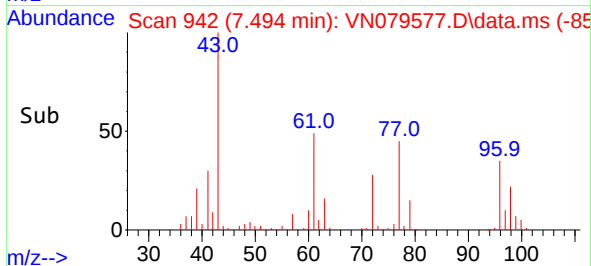
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



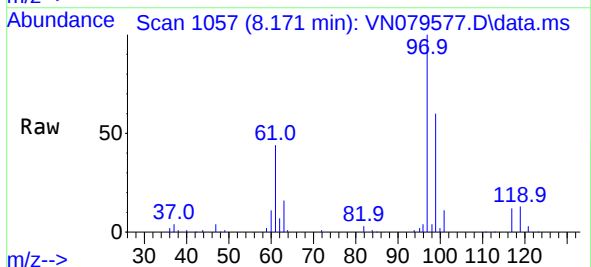
Tgt Ion: 77 Resp: 107334
Ion Ratio Lower Upper
77 100
97 21.7 17.9 26.9

Manual Integrations
APPROVED

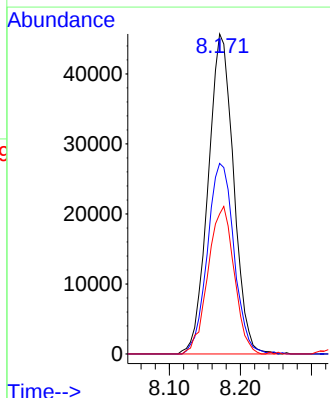
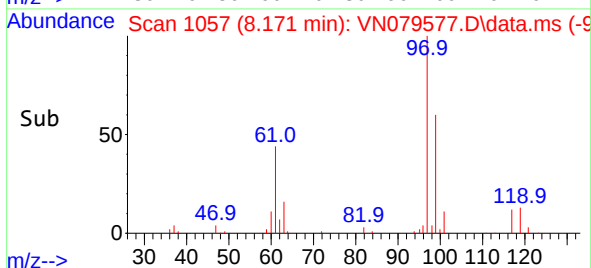
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

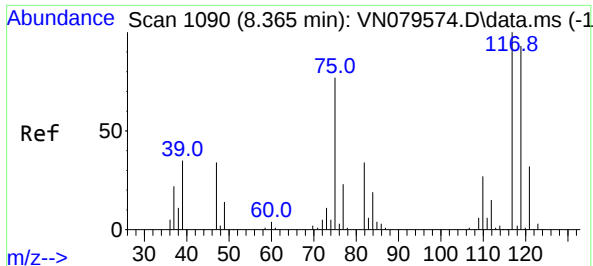


#32
1,1,1-Trichloroethane
Concen: 19.071 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



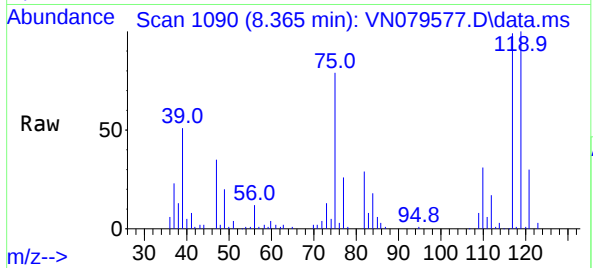
Tgt Ion: 97 Resp: 113758
Ion Ratio Lower Upper
97 100
99 62.2 51.9 77.9
61 47.2 37.6 56.4





#33
Carbon Tetrachloride
Concen: 19.111 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

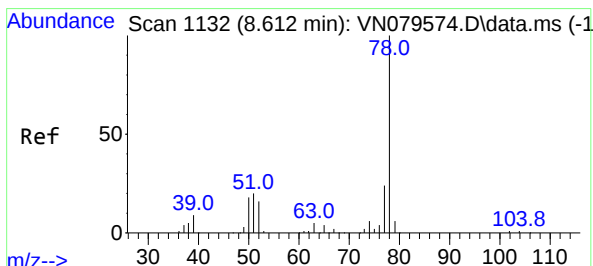
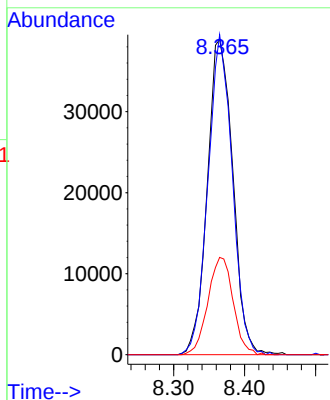
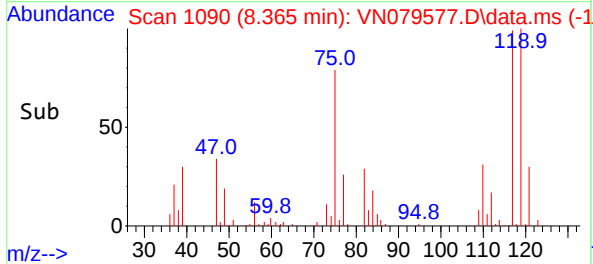
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



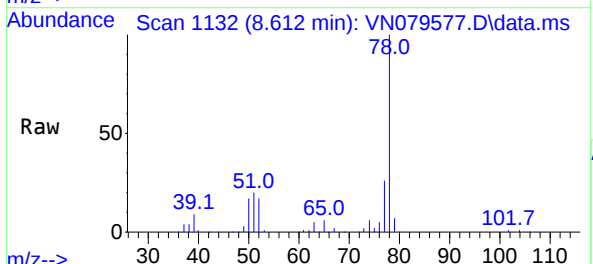
Tgt Ion:117 Resp: 96949
Ion Ratio Lower Upper
117 100
119 101.5 75.0 112.6
121 30.9 24.3 36.5

Manual Integrations
APPROVED

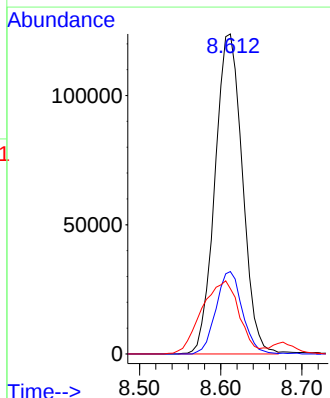
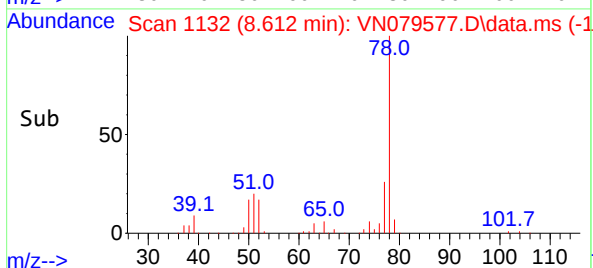
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

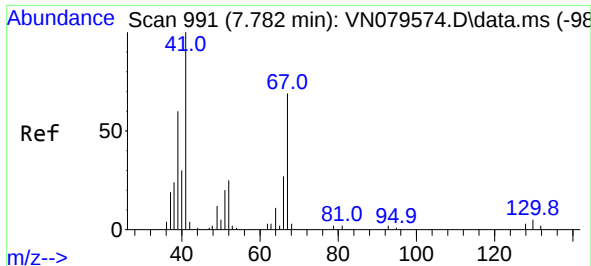


#34
Benzene
Concen: 19.041 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



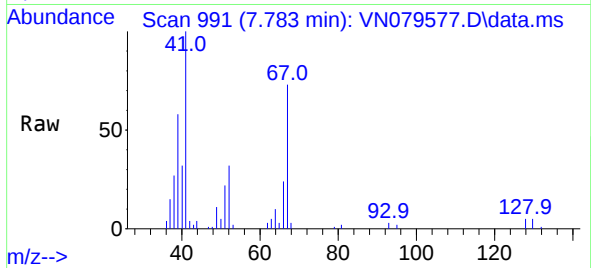
Tgt Ion: 78 Resp: 290325
Ion Ratio Lower Upper
78 100
77 25.7 19.7 29.5
51 19.5 15.8 23.6





#35
Methacrylonitrile
Concen: 18.696 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

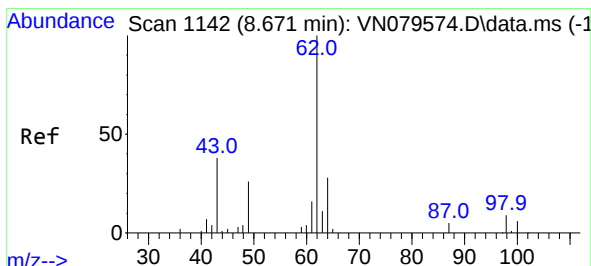
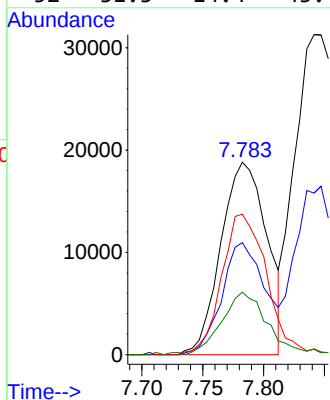
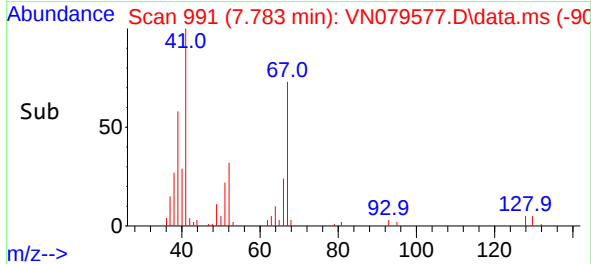
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



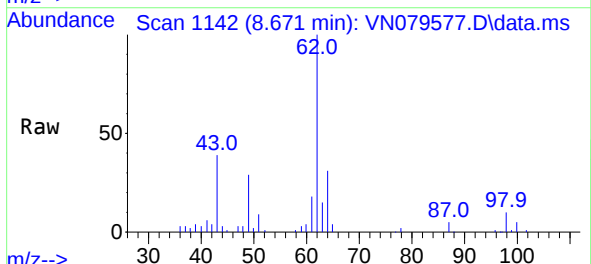
Tgt Ion: 41 Resp: 49474
Ion Ratio Lower Upper
41 100
39 58.2 26.3 78.8
67 73.0 37.5 112.3
52 31.3 14.4 43.4

Manual Integrations
APPROVED

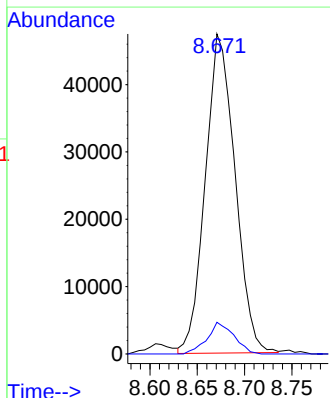
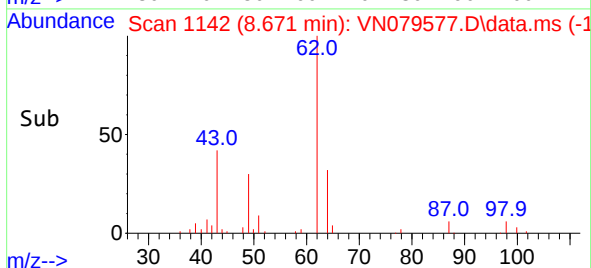
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

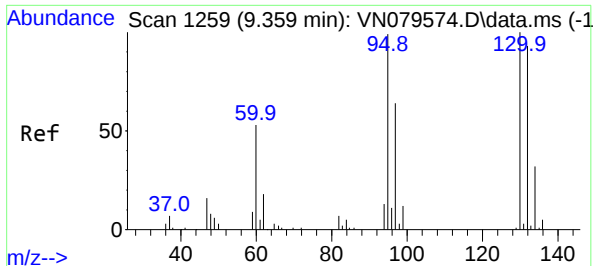


#36
1,2-Dichloroethane
Concen: 19.027 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



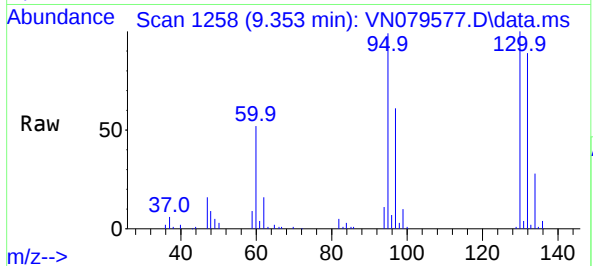
Tgt Ion: 62 Resp: 103586
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#37
Trichloroethene
Concen: 19.206 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

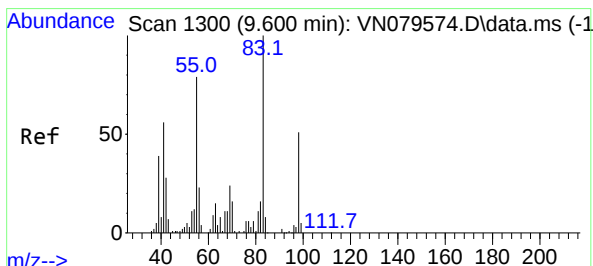
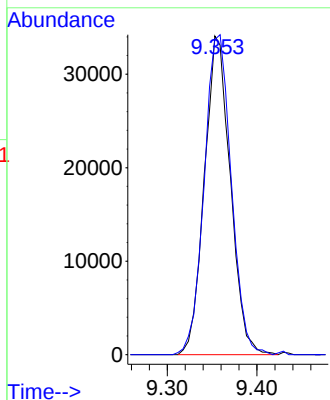
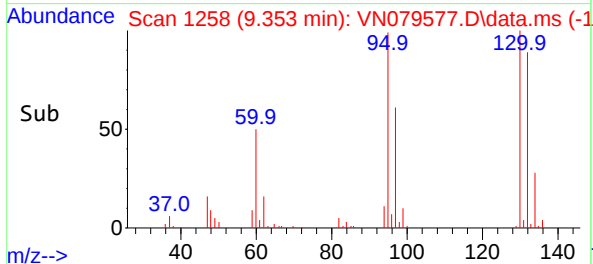
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



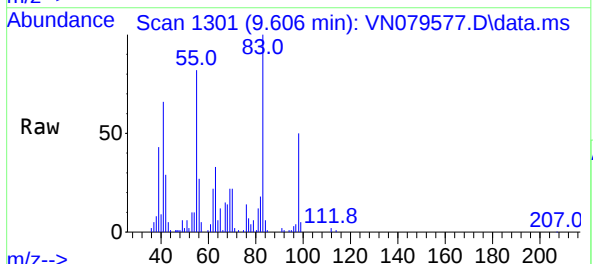
Tgt Ion:130 Resp: 68454
Ion Ratio Lower Upper
130 100
95 98.3 81.2 121.8

Manual Integrations
APPROVED

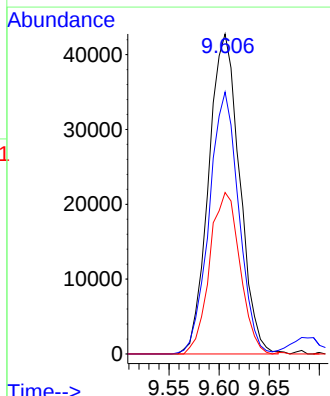
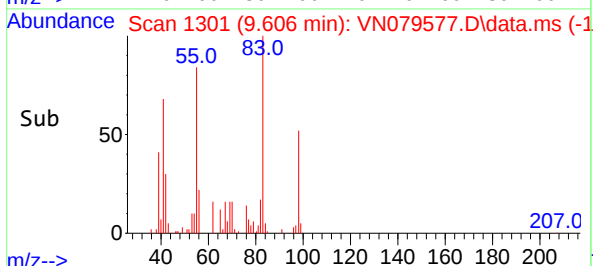
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

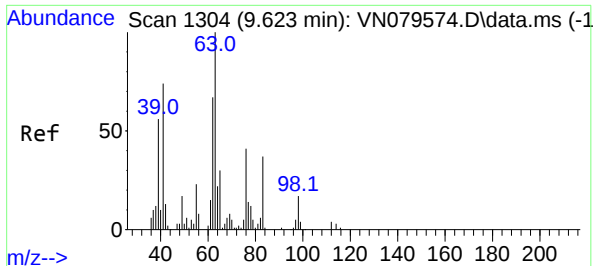


#38
Methylcyclohexane
Concen: 18.977 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



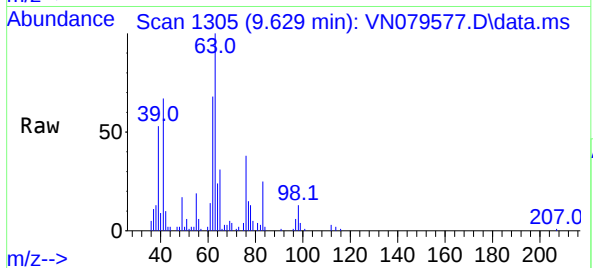
Tgt Ion: 83 Resp: 91696
Ion Ratio Lower Upper
83 100
55 78.4 39.7 119.1
98 49.4 24.4 73.2





#39
1,2-Dichloropropane
Concen: 19.067 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

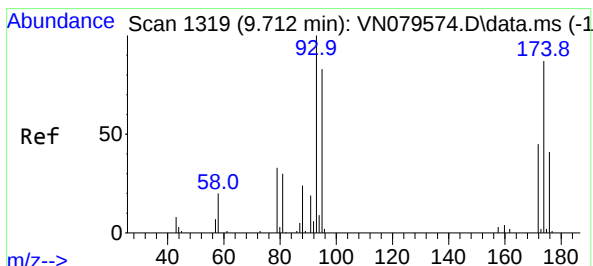
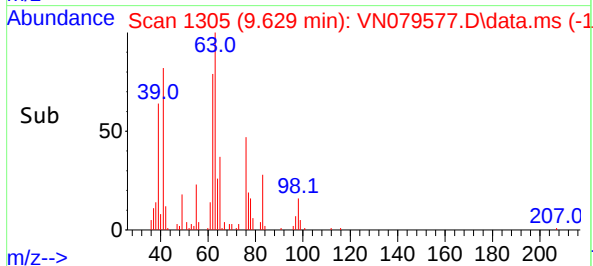
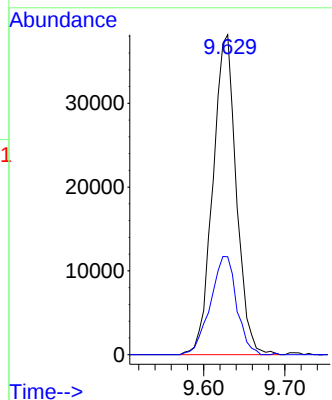
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



Tgt Ion: 63 Resp: 7672
Ion Ratio Lower Upper
63 100
65 30.6 25.3 37.9

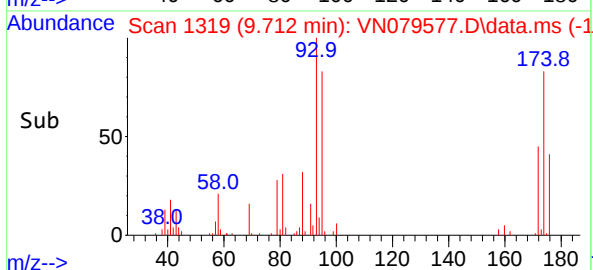
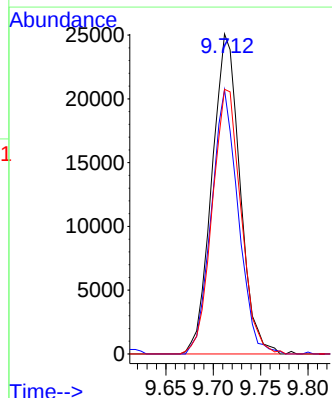
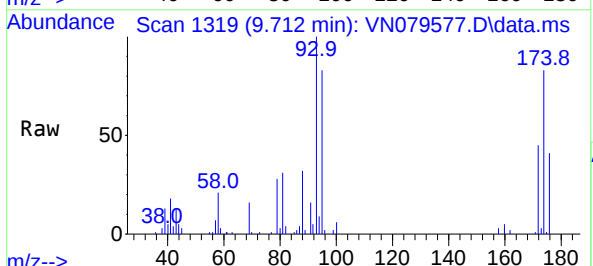
Manual Integrations
APPROVED

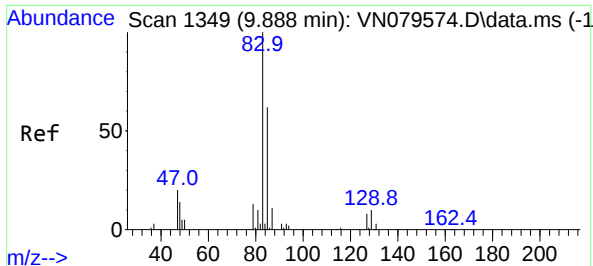
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40
Dibromomethane
Concen: 19.575 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

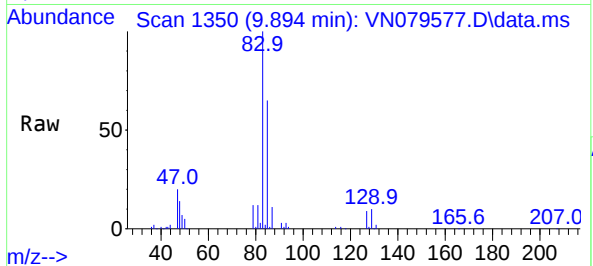
Tgt Ion: 93 Resp: 51693
Ion Ratio Lower Upper
93 100
95 78.8 0.0 166.6
174 84.5 0.0 171.0





#41
Bromodichloromethane
Concen: 19.177 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

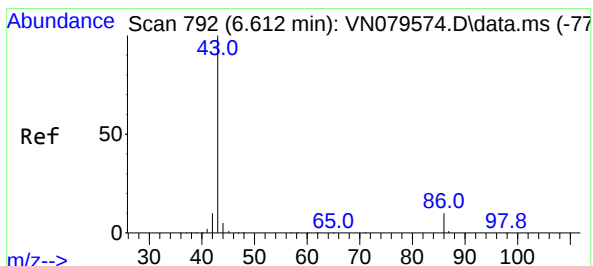
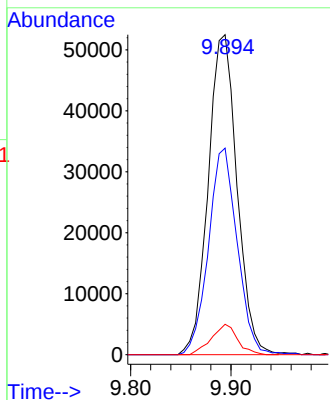
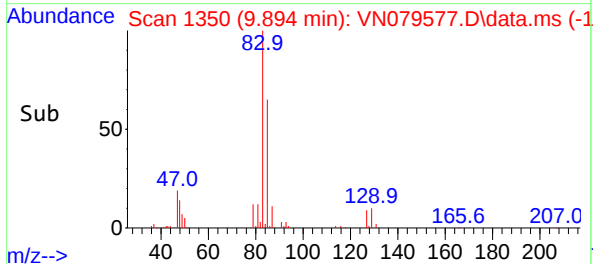
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



Tgt Ion: 83 Resp: 104948
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5
127 9.5 6.8 10.2

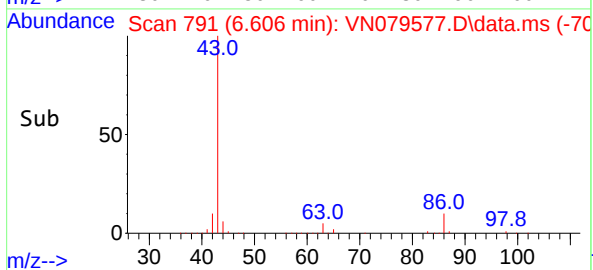
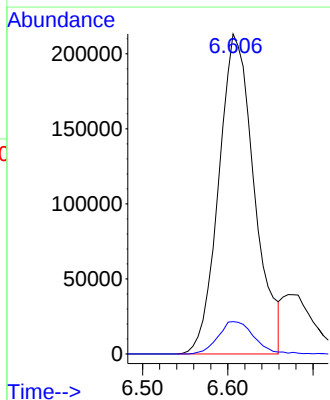
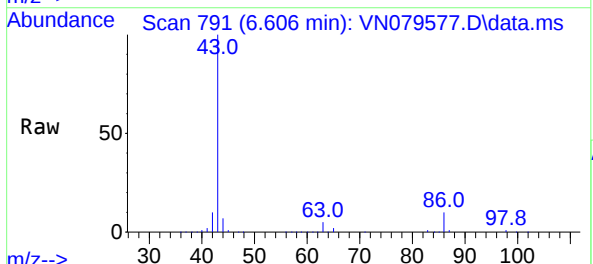
Manual Integrations
APPROVED

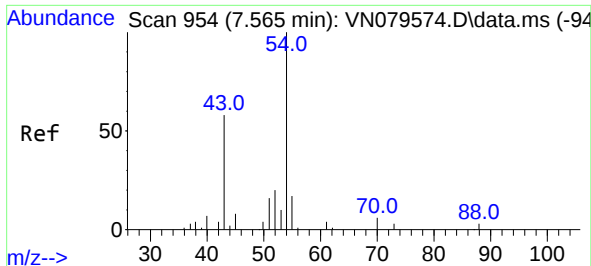
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#42
Vinyl Acetate
Concen: 96.769 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

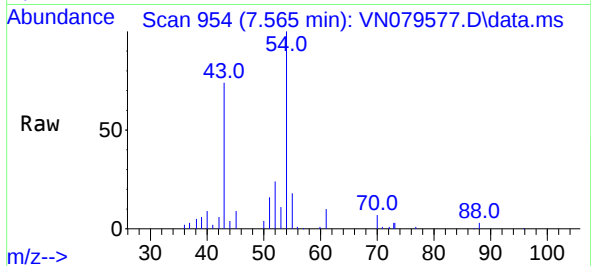
Tgt Ion: 43 Resp: 617525
Ion Ratio Lower Upper
43 100
86 10.1 8.2 12.2





#43
Ethyl Acetate
Concen: 20.373 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

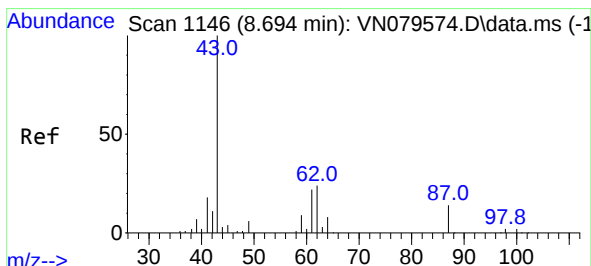
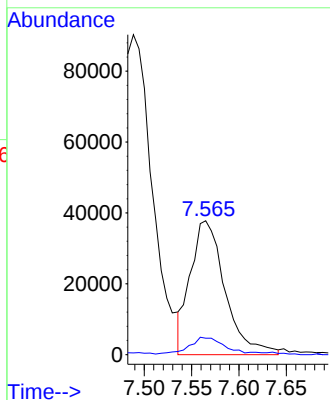
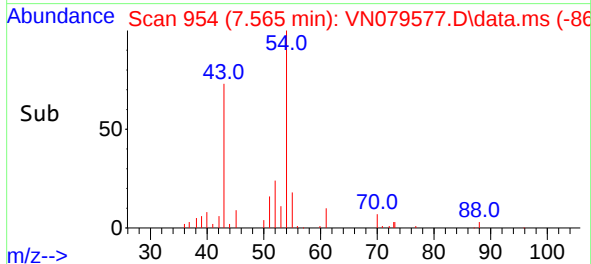
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



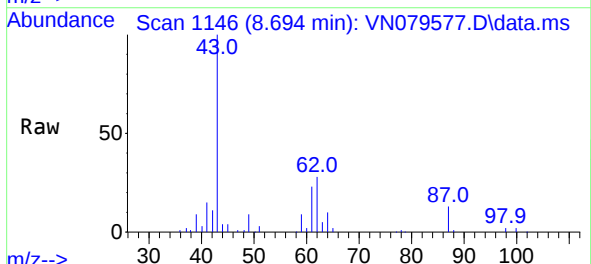
Tgt Ion: 43 Resp: 96372
Ion Ratio Lower Upper
43 100
45 12.9 11.8 17.8

Manual Integrations
APPROVED

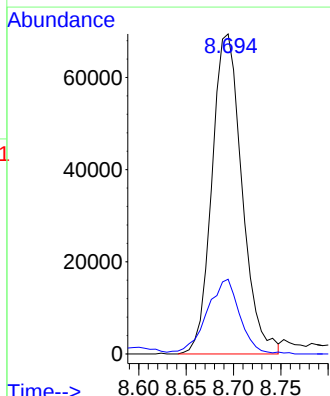
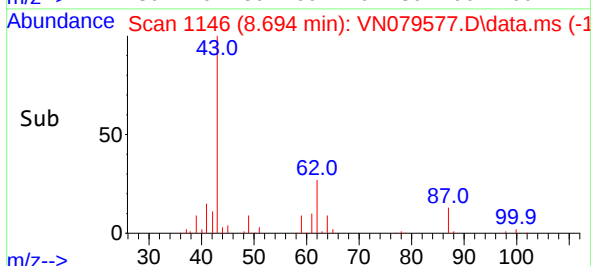
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

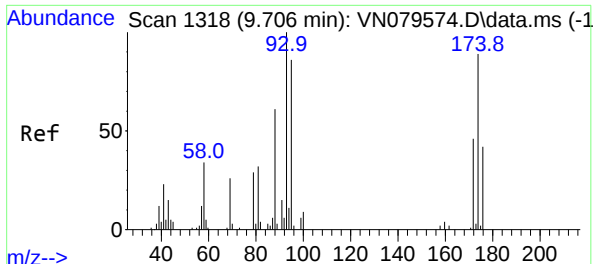


#44
Isopropyl Acetate
Concen: 18.222 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



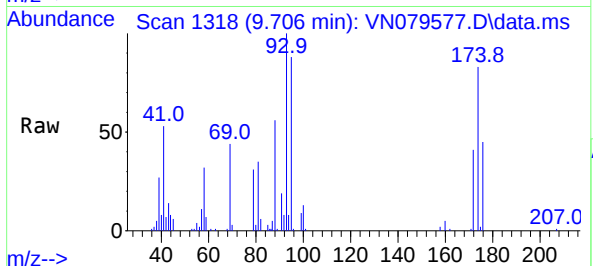
Tgt Ion: 43 Resp: 153225
Ion Ratio Lower Upper
43 100
61 24.8 20.3 30.5





#45
1,4-Dioxane
Concen: 371.469 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

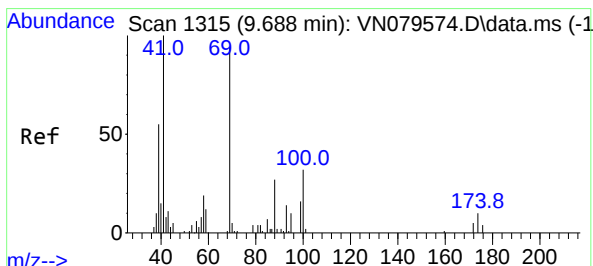
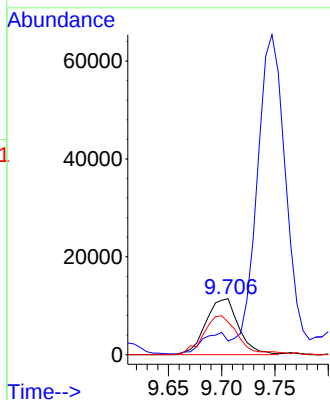
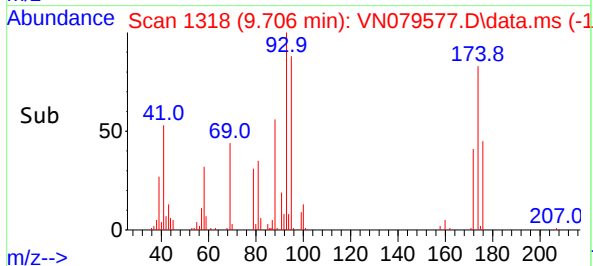
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



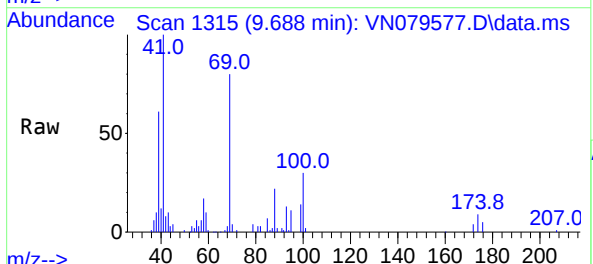
Tgt Ion: 88 Resp: 2445
Ion Ratio Lower Upper
88 100
43 29.0 28.7 43.1
58 70.5 56.9 85.3

Manual Integrations
APPROVED

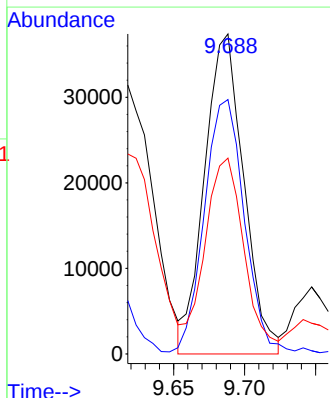
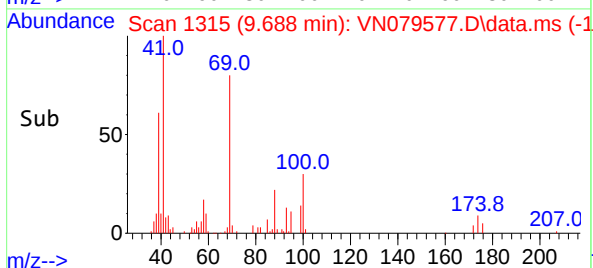
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

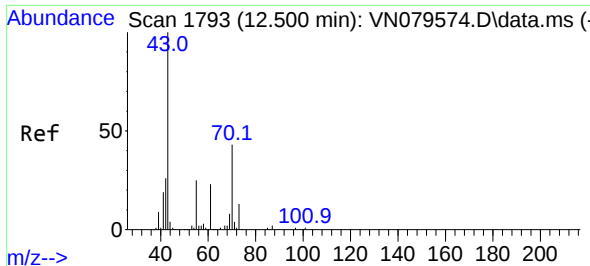


#46
Methyl methacrylate
Concen: 19.265 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



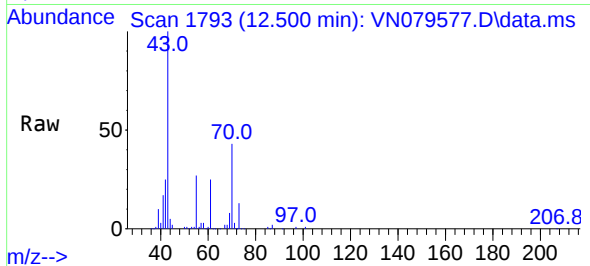
Tgt Ion: 41 Resp: 71869
Ion Ratio Lower Upper
41 100
69 81.8 40.0 119.9
39 60.4 31.1 93.3





#47
n-amy1 Acetate
Concen: 18.713 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

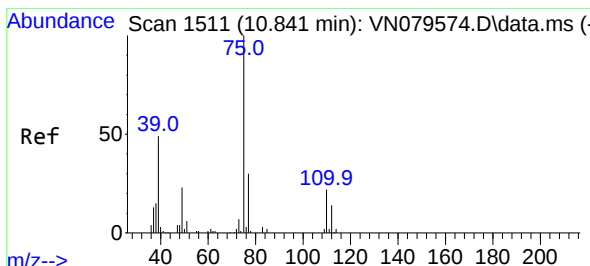
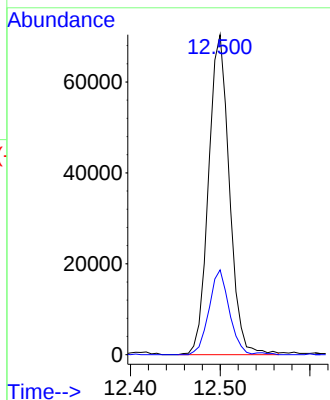
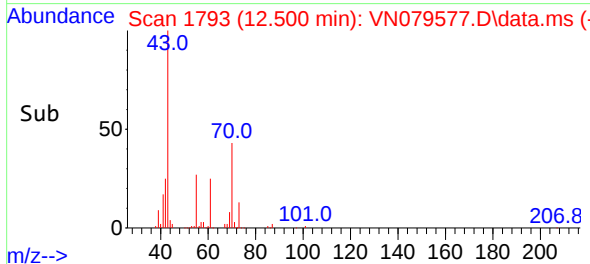
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



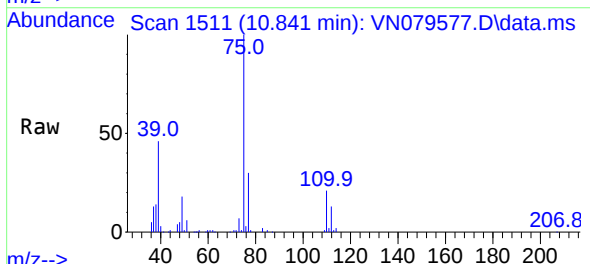
Tgt Ion: 43 Resp: 11356
Ion Ratio Lower Upper
43 100
55 25.7 20.7 31.1

Manual Integrations
APPROVED

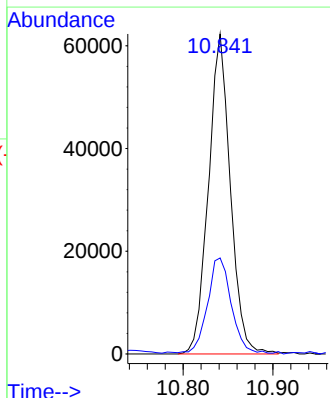
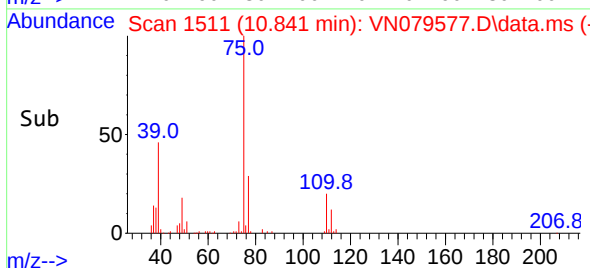
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

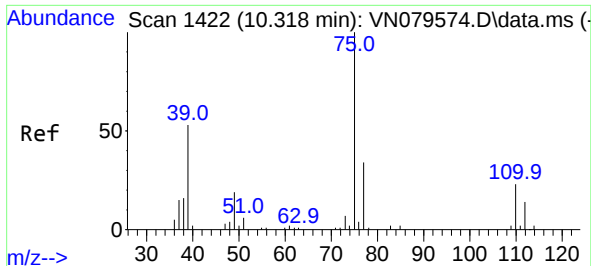


#48
t-1,3-Dichloropropene
Concen: 19.068 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



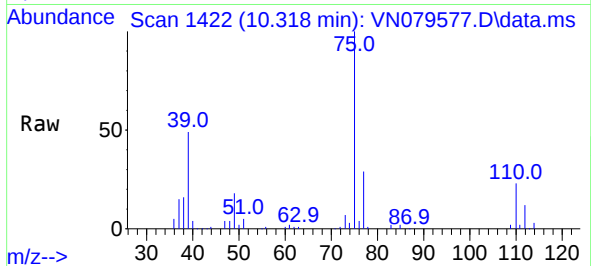
Tgt Ion: 75 Resp: 105490
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 19.118 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

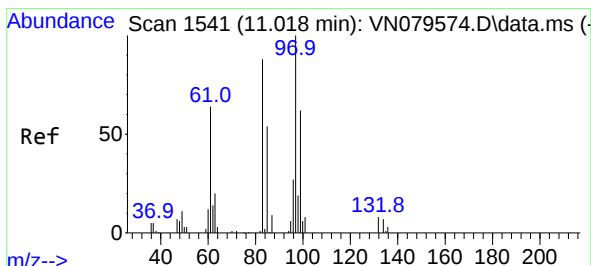
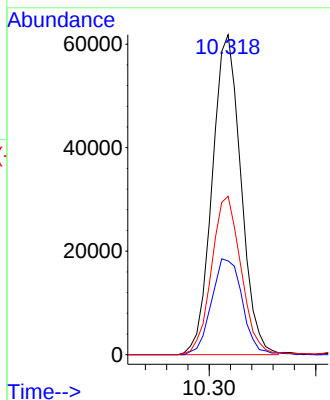
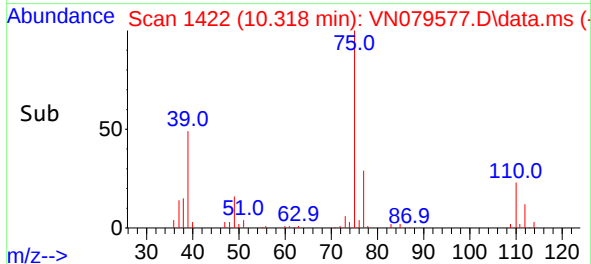
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



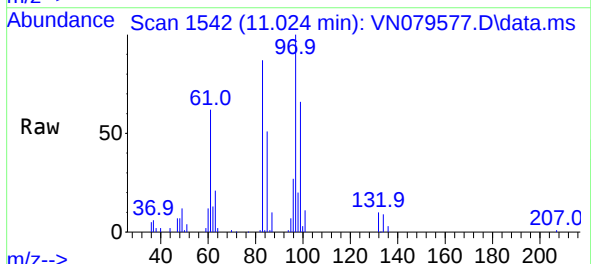
Tgt Ion: 75 Resp: 115650
Ion Ratio Lower Upper
75 100
77 29.3 25.8 38.6
39 49.5 42.4 63.6

Manual Integrations
APPROVED

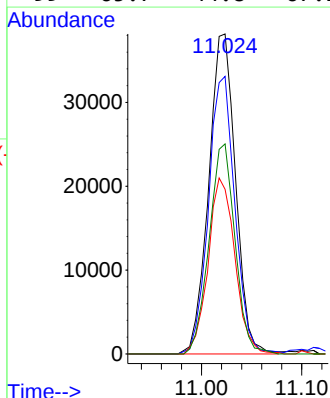
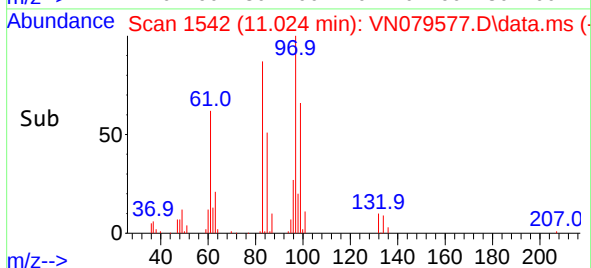
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

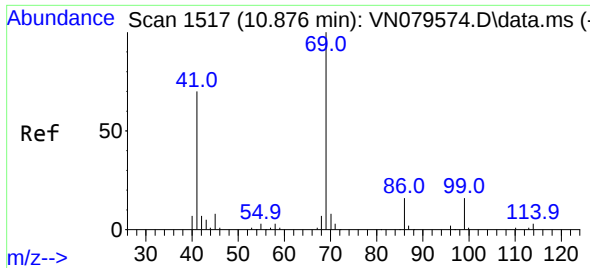


#50
1,1,2-Trichloroethane
Concen: 19.385 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



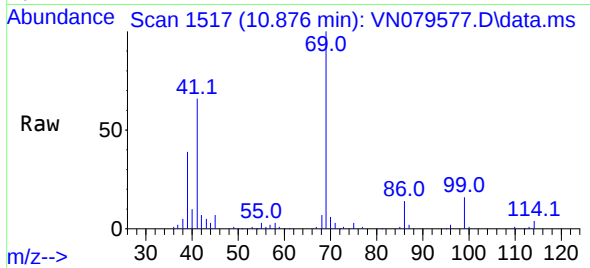
Tgt Ion: 97 Resp: 71014
Ion Ratio Lower Upper
97 100
83 86.8 68.2 102.4
85 51.5 42.9 64.3
99 65.7 44.8 67.2





#51
Ethyl methacrylate
Concen: 19.176 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

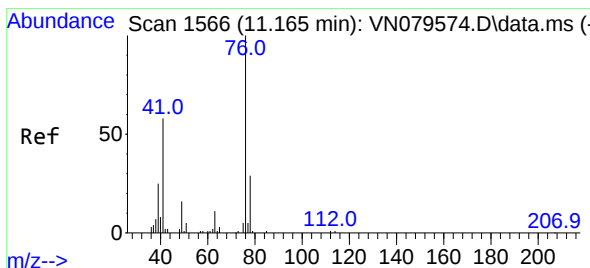
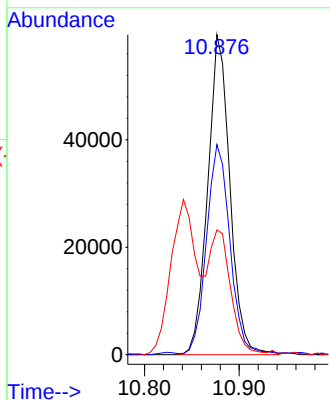
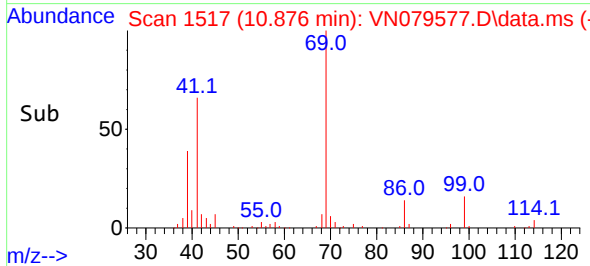
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



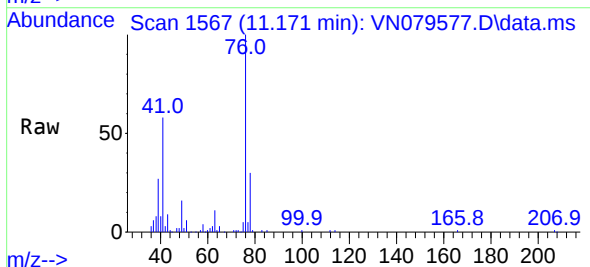
Tgt Ion: 69 Resp: 96920
Ion Ratio Lower Upper
69 100
41 65.3 33.8 101.3
39 39.0 21.3 63.9

Manual Integrations
APPROVED

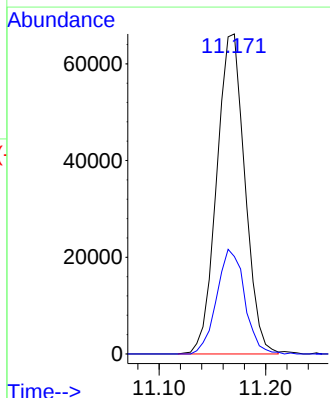
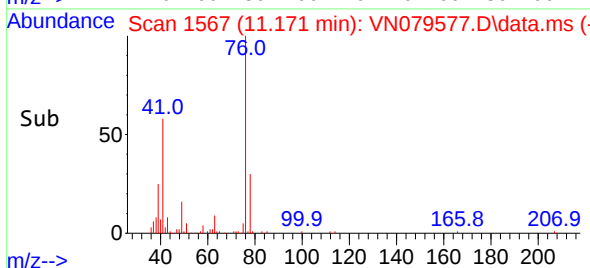
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

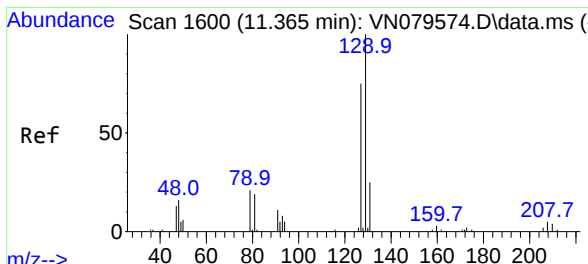


#52
1,3-Dichloropropane
Concen: 18.737 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



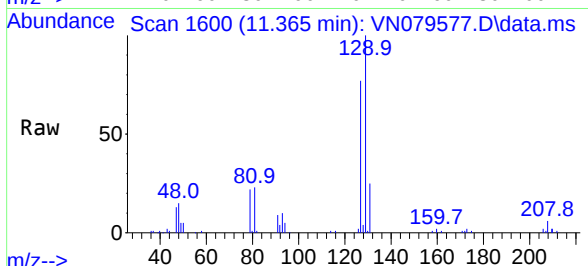
Tgt Ion: 76 Resp: 121602
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.0





#53
Dibromochloromethane
Concen: 19.213 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

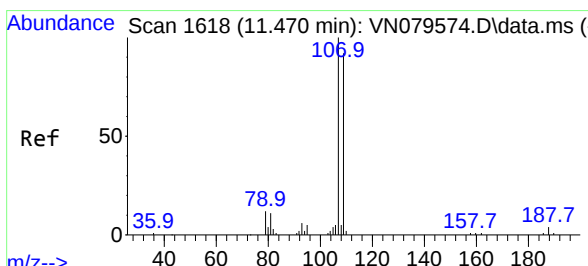
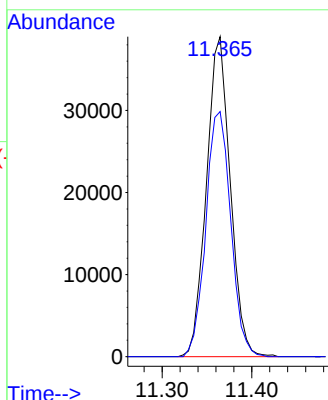
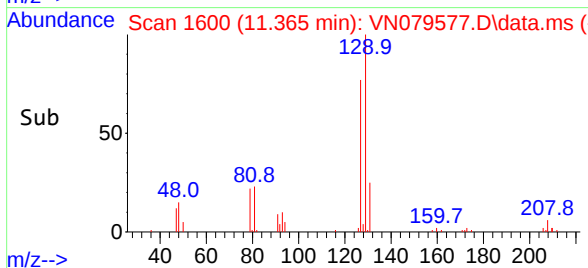
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



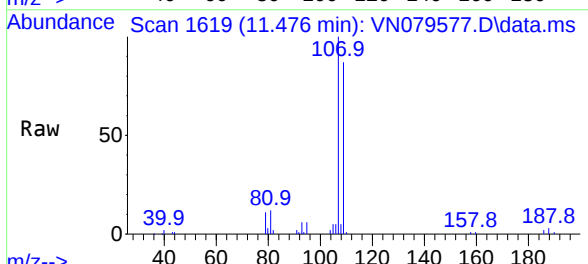
Tgt Ion:129 Resp: 71936
Ion Ratio Lower Upper
129 100
127 80.1 38.8 116.3

Manual Integrations
APPROVED

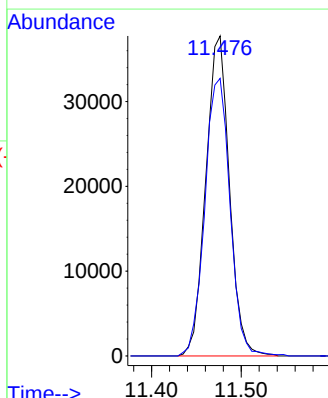
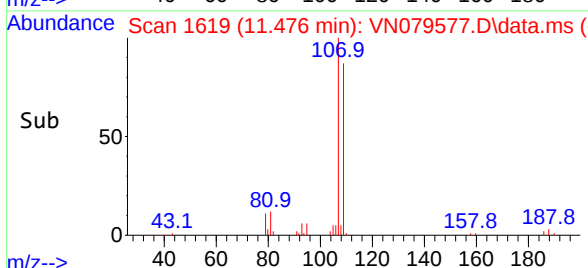
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

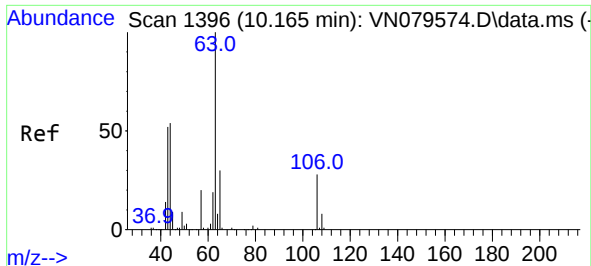


#54
1,2-Dibromoethane
Concen: 19.092 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



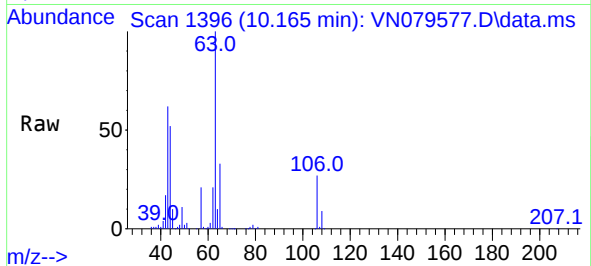
Tgt Ion:107 Resp: 69001
Ion Ratio Lower Upper
107 100
109 92.5 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 86.156 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

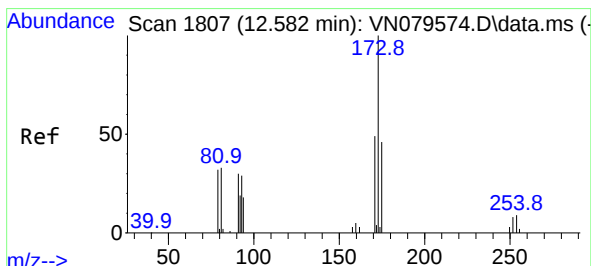
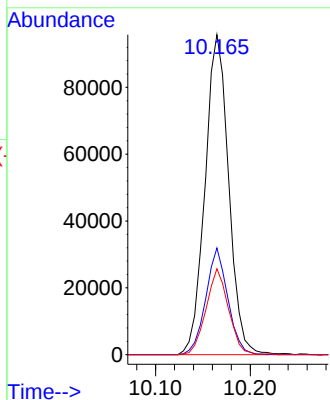
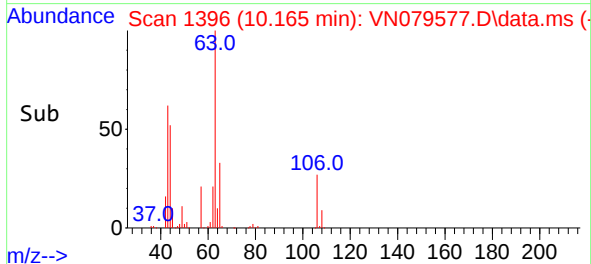
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



Tgt Ion: 63 Resp: 16614
Ion Ratio Lower Upper
63 100
65 31.0 25.9 38.9
106 25.4 20.6 30.8

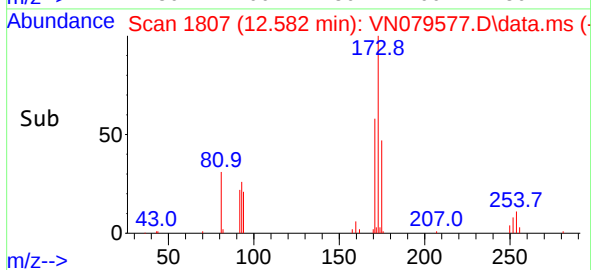
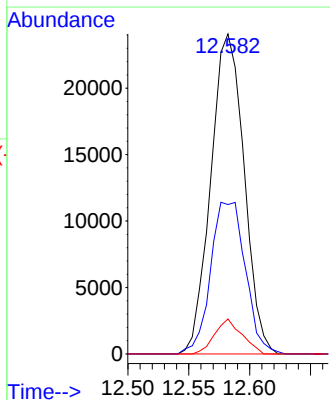
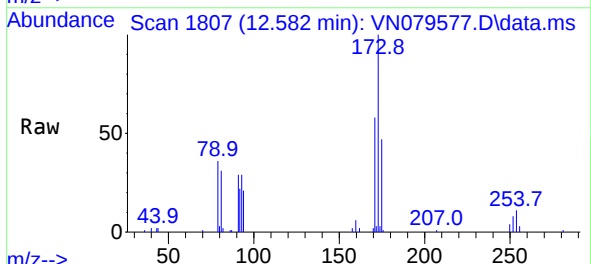
Manual Integrations
APPROVED

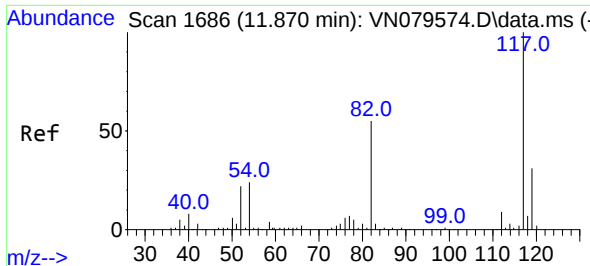
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Bromoform
Concen: 18.514 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

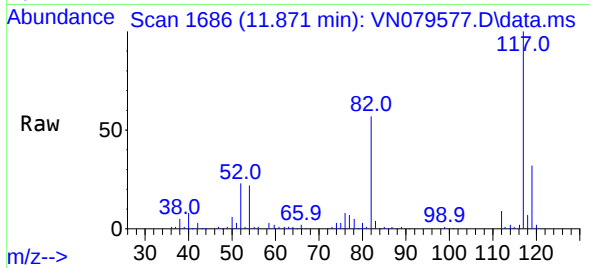
Tgt Ion:173 Resp: 45856
Ion Ratio Lower Upper
173 100
175 49.5 37.9 56.9
254 8.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

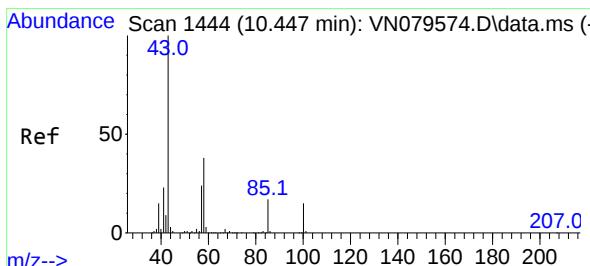
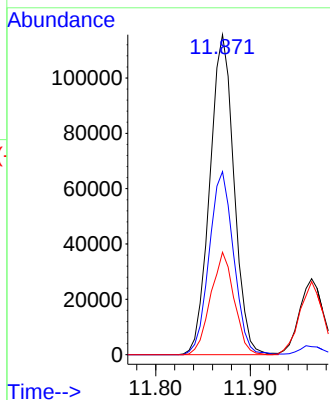
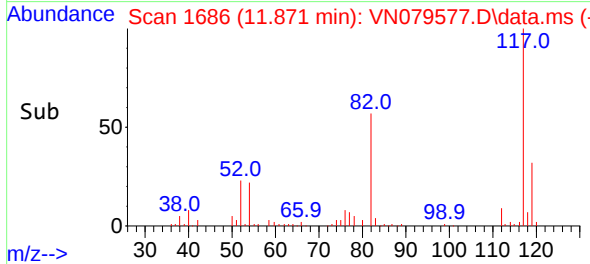
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



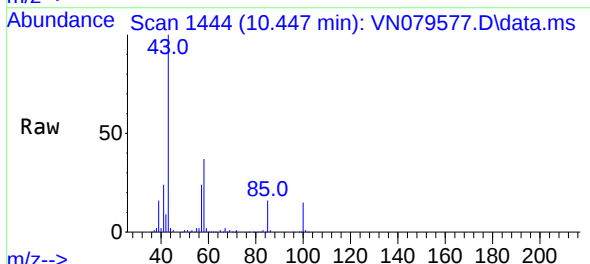
Tgt Ion: 117 Resp: 205145
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.2
119 31.2 25.2 37.8

Manual Integrations
APPROVED

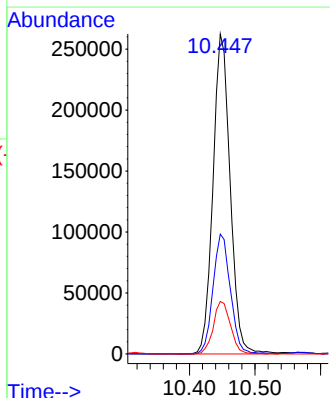
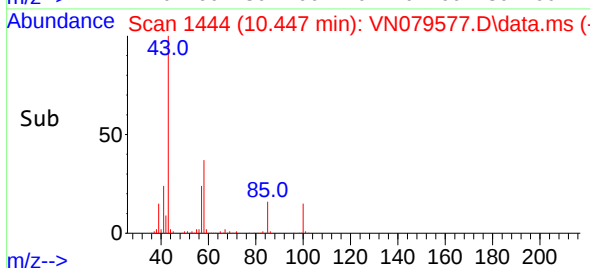
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

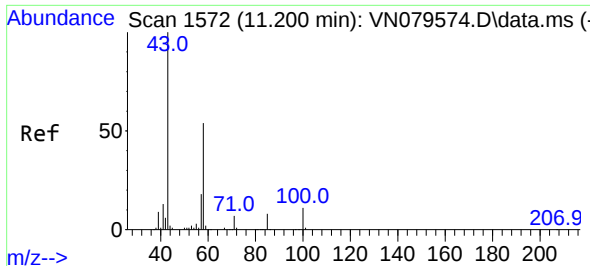


#58
4-Methyl-2-Pentanone
Concen: 99.463 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



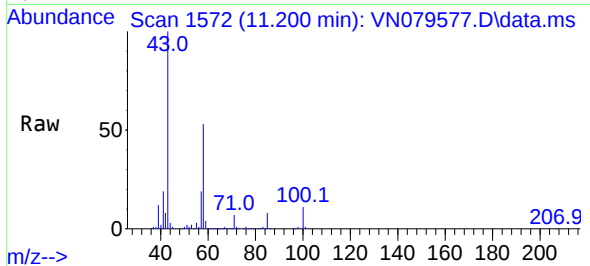
Tgt Ion: 43 Resp: 475925
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6
85 16.4 13.2 19.8





#59
2-Hexanone
Concen: 97.963 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

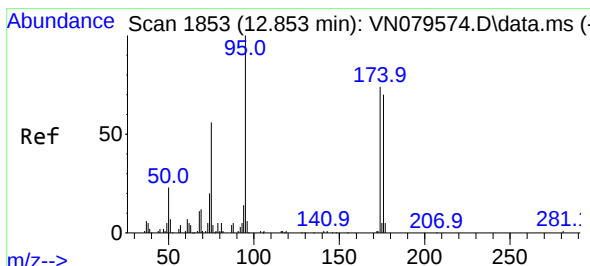
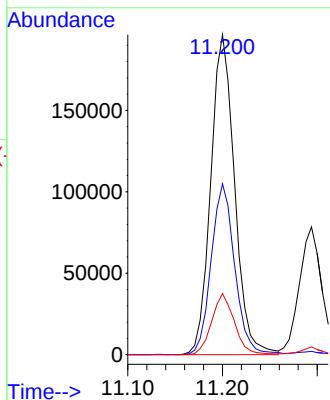
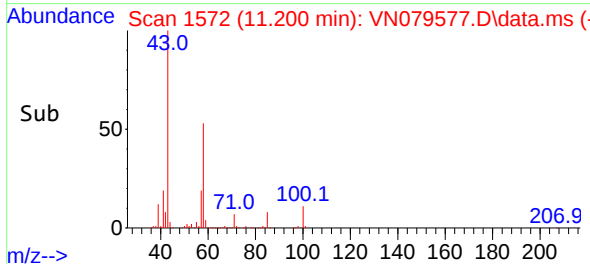
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



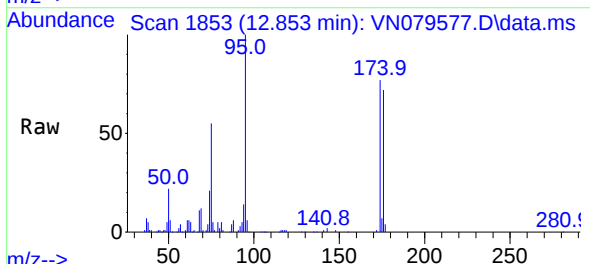
Tgt Ion: 43 Resp: 343880
Ion Ratio Lower Upper
43 100
58 52.7 42.3 63.5
57 18.2 13.9 20.9

Manual Integrations
APPROVED

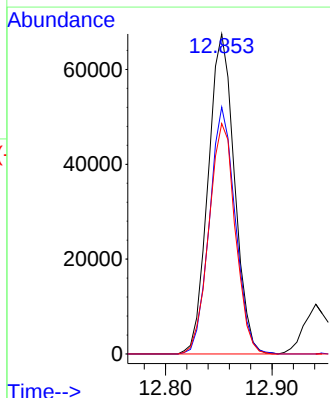
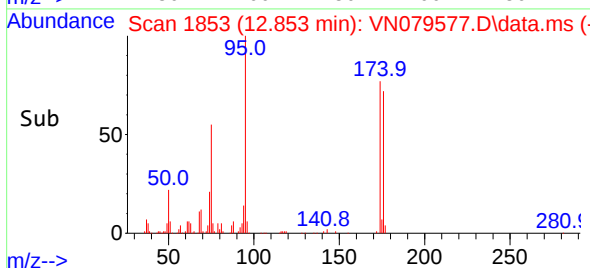
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

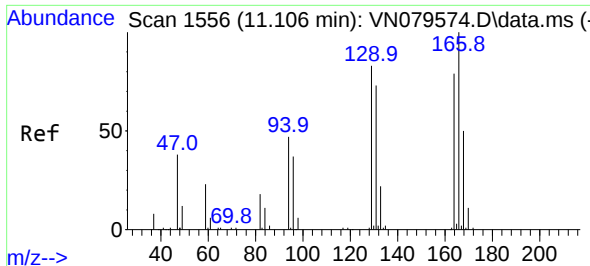


#60
4-Bromofluorobenzene
Concen: 30.842 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



Tgt Ion: 95 Resp: 115706
Ion Ratio Lower Upper
95 100
174 75.7 60.5 90.7
176 72.3 57.2 85.8





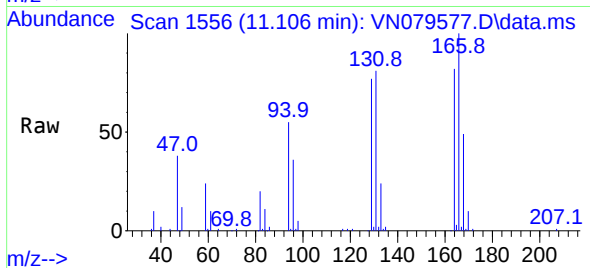
#61
Tetrachloroethene
Concen: 20.033 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101723

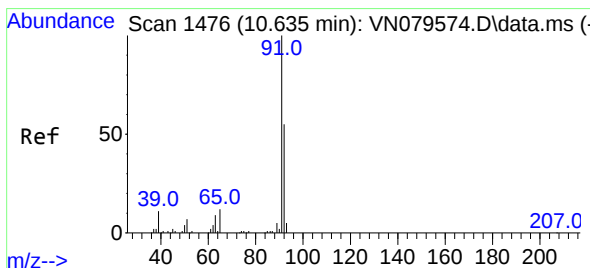
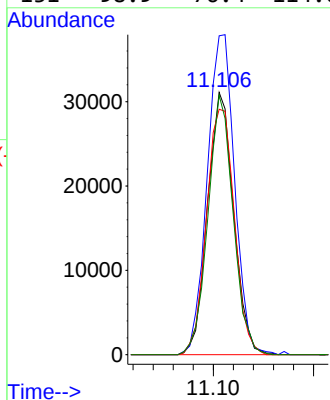
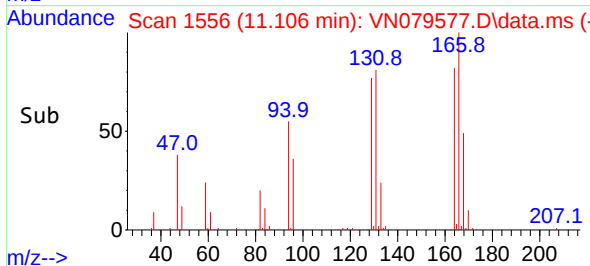


Tgt Ion:164 Resp: 56429
Ion Ratio Lower Upper
164 100
166 121.6 98.2 147.4
129 93.6 75.0 112.4
131 98.9 76.4 114.6

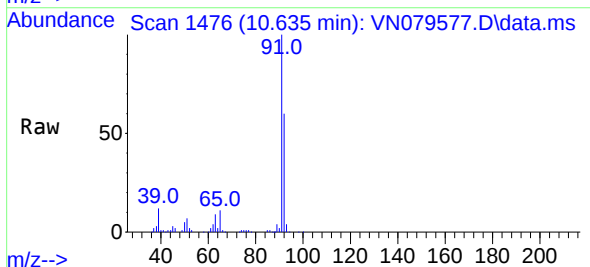
Manual Integrations

APPROVED

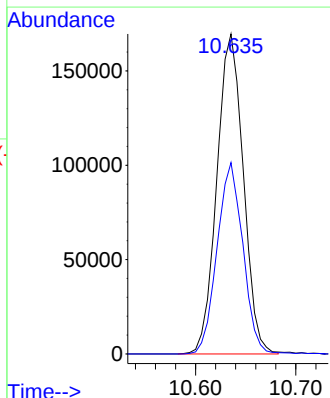
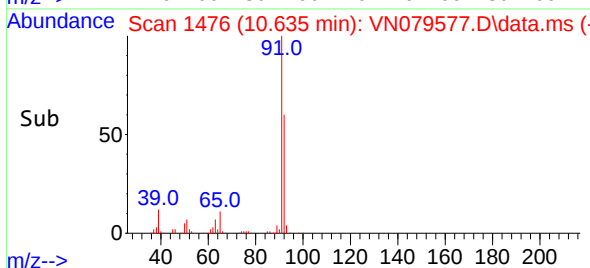
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

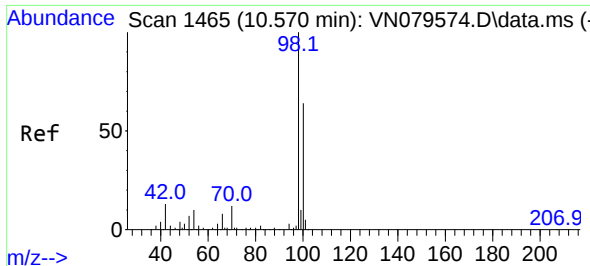


#62
Toluene
Concen: 19.832 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



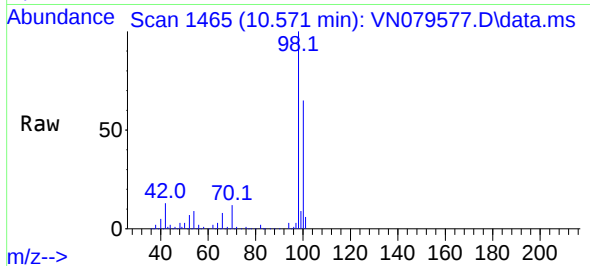
Tgt Ion: 91 Resp: 310928
Ion Ratio Lower Upper
91 100
92 58.3 45.3 67.9





#63
Toluene-d8
Concen: 30.092 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

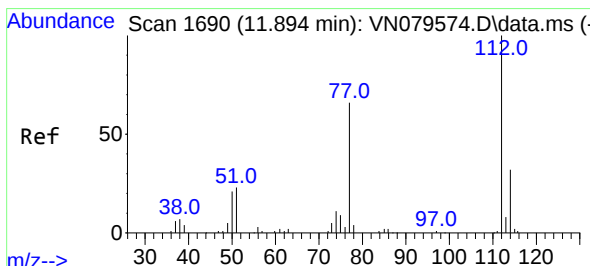
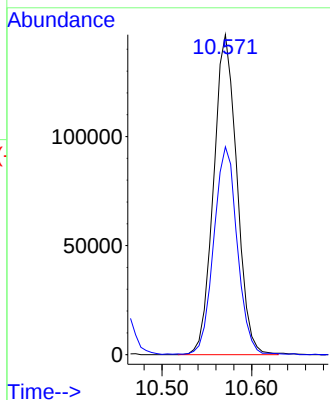
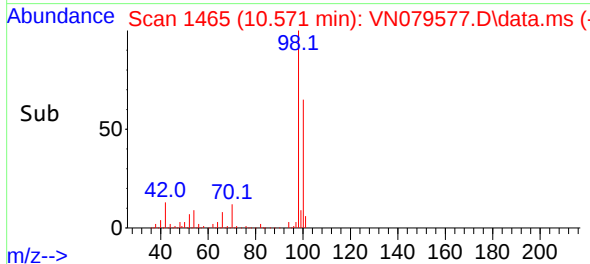
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



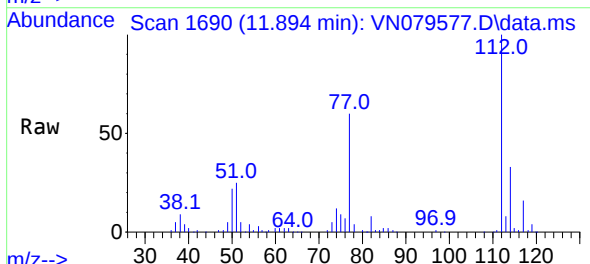
Tgt Ion: 98 Resp: 264530
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4

Manual Integrations
APPROVED

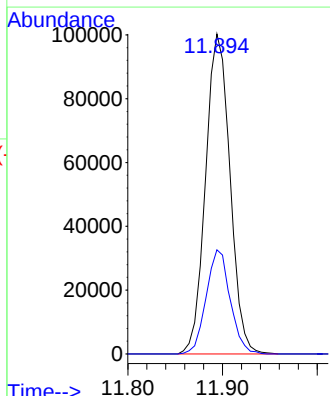
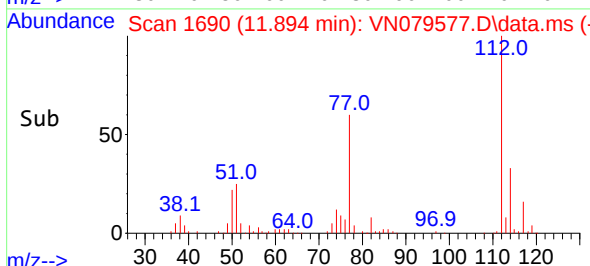
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

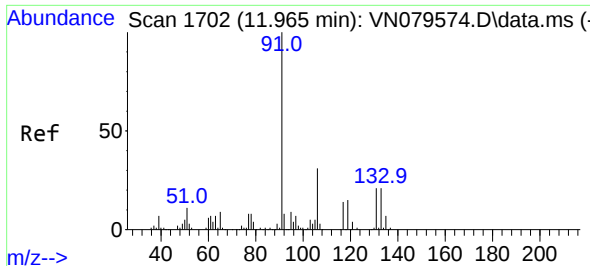


#64
Chlorobenzene
Concen: 19.781 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



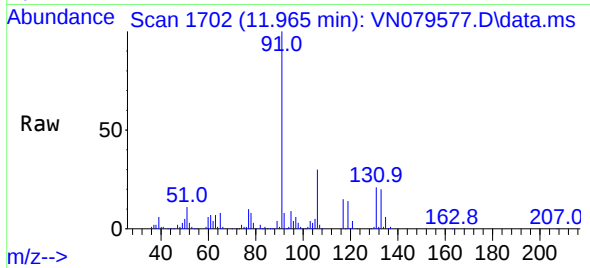
Tgt Ion:112 Resp: 179876
Ion Ratio Lower Upper
112 100
114 32.5 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.493 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

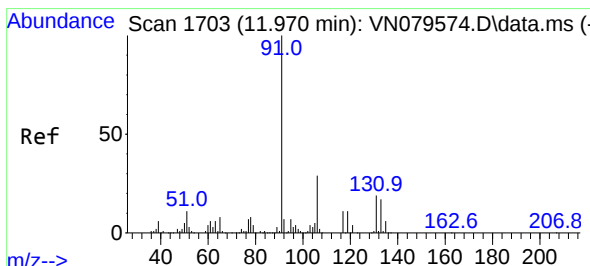
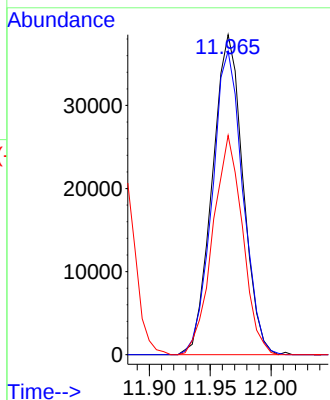
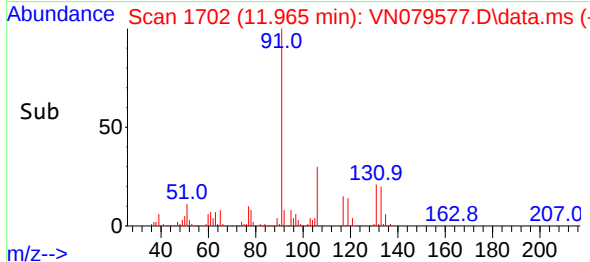
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



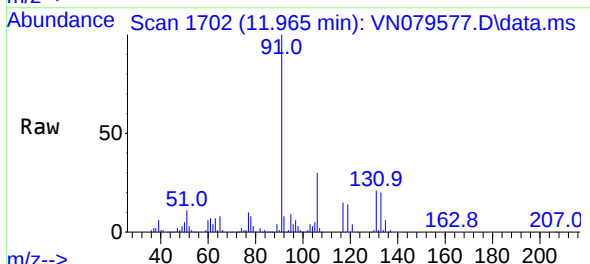
Tgt Ion:131 Resp: 6752
Ion Ratio Lower Upper
131 100
133 94.7 0.0 196.0
119 66.8 0.0 135.6

Manual Integrations
APPROVED

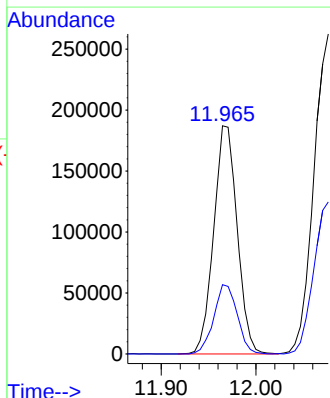
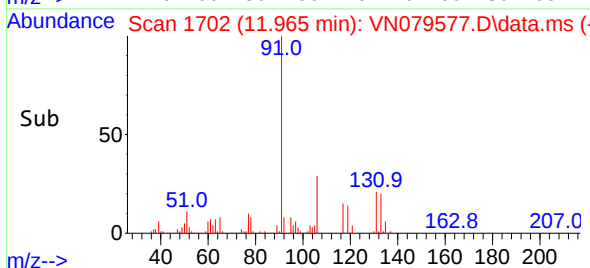
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

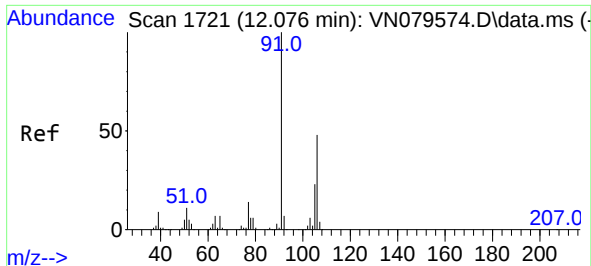


#66
Ethyl Benzene
Concen: 19.979 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



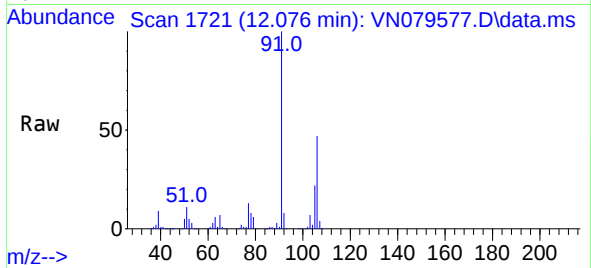
Tgt Ion: 91 Resp: 322747
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.8





#67
m/p-Xylenes
Concen: 40.808 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

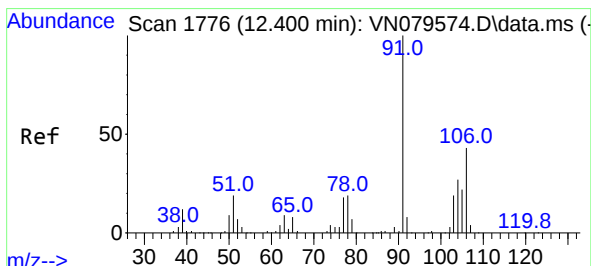
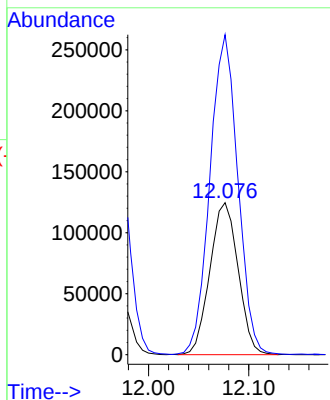
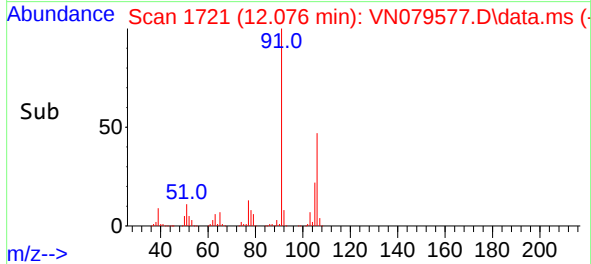
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



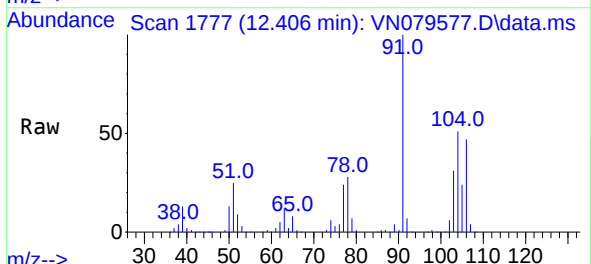
Tgt Ion:106 Resp: 24382
Ion Ratio Lower Upper
106 100
91 208.2 161.8 242.6

Manual Integrations
APPROVED

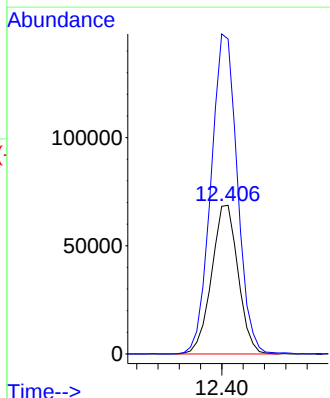
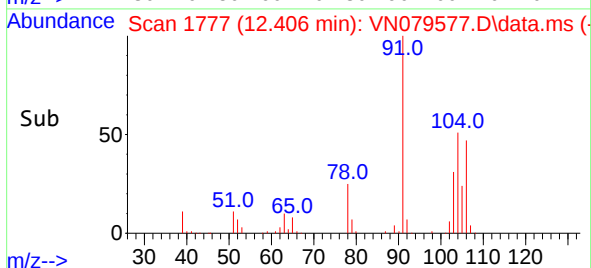
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

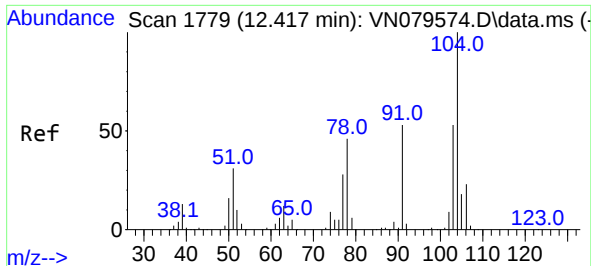


#68
o-Xylene
Concen: 20.739 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



Tgt Ion:106 Resp: 118459
Ion Ratio Lower Upper
106 100
91 214.6 109.9 329.7





#69

Styrene

Concen: 20.740 ug/l

RT: 12.412 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VN079577.D

Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101723

Tgt Ion:104 Resp: 188062

Ion Ratio Lower Upper

104 100

78 50.2 41.2 61.8

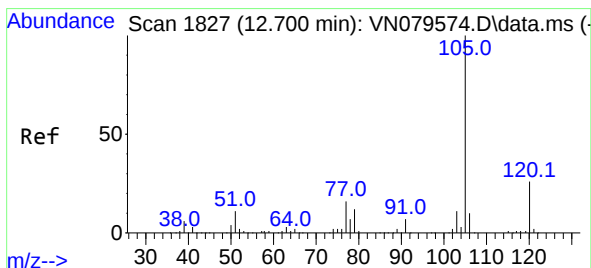
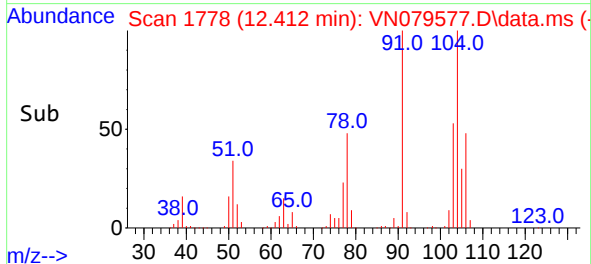
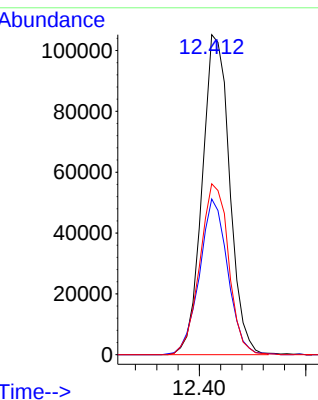
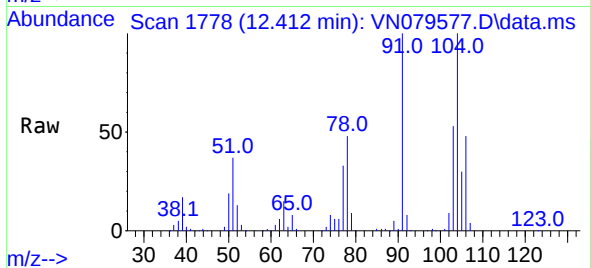
103 56.0 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#70

Isopropylbenzene

Concen: 20.114 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079577.D

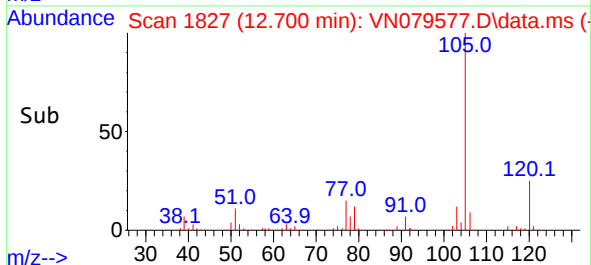
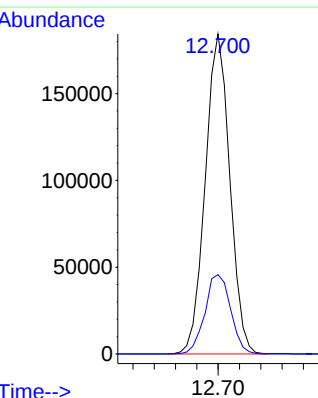
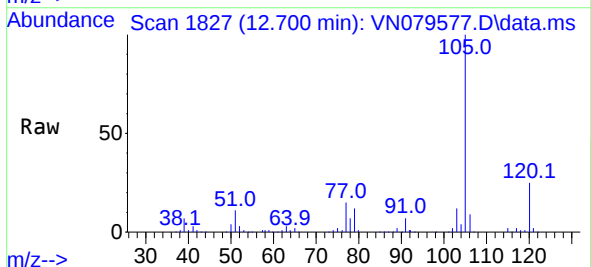
Acq: 17 Oct 2023 12:49

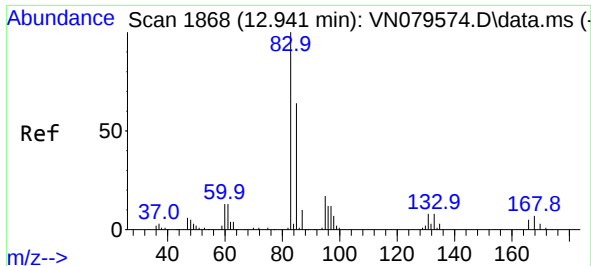
Tgt Ion:105 Resp: 294841

Ion Ratio Lower Upper

105 100

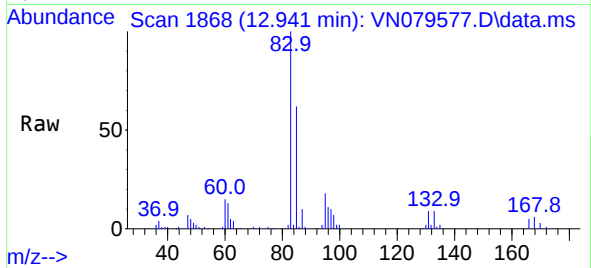
120 25.9 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.336 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

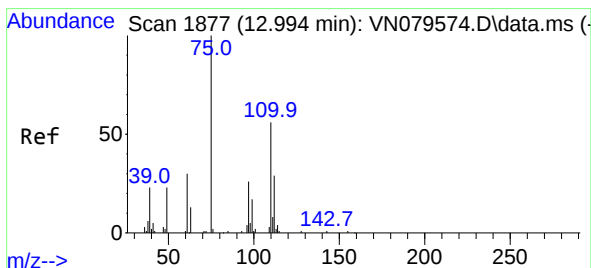
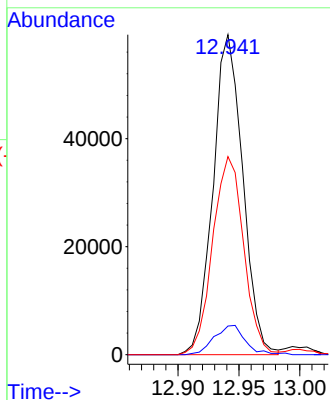
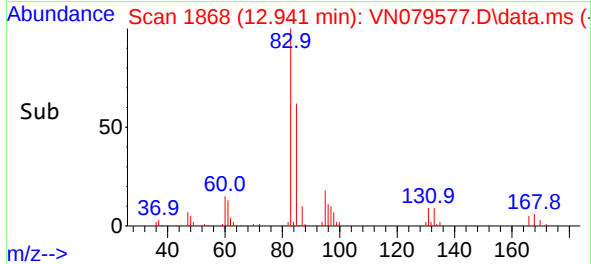
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



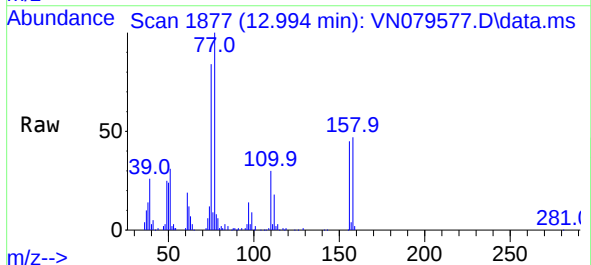
Tgt Ion: 83 Resp: 10078
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.4
85 64.4 32.1 96.3

Manual Integrations
APPROVED

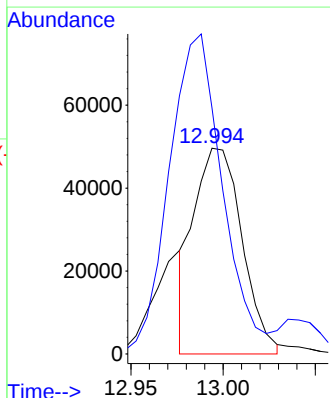
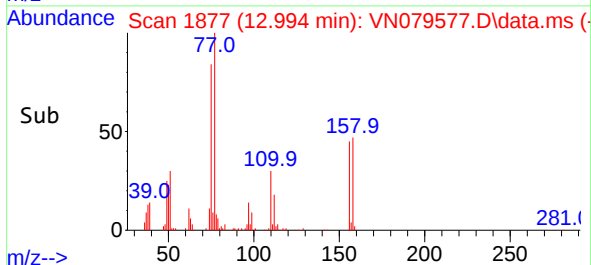
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

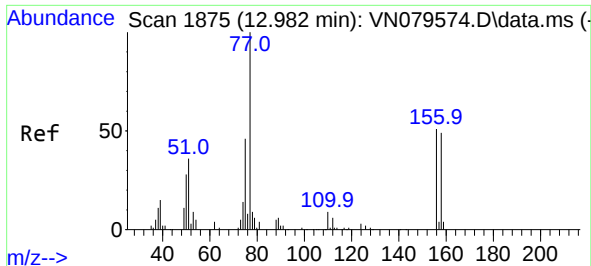


#72
1,2,3-Trichloropropane
Concen: 18.981 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



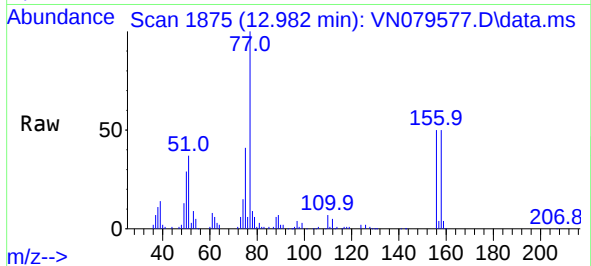
Tgt Ion: 75 Resp: 89840
Ion Ratio Lower Upper
75 100
77 172.5 0.0 338.2





#73
Bromobenzene
Concen: 19.848 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

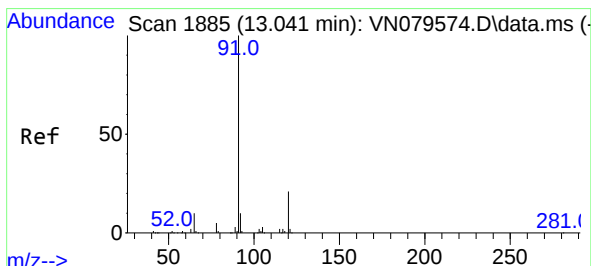
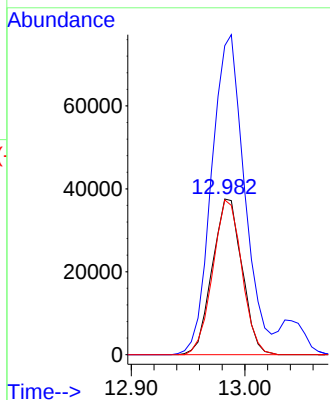
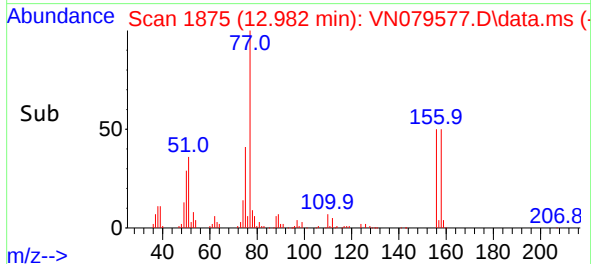
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



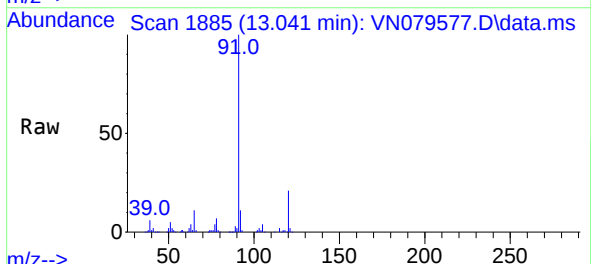
Tgt Ion:156 Resp: 68344
Ion Ratio Lower Upper
156 100
77 226.7 0.0 448.2
158 97.2 0.0 194.8

Manual Integrations
APPROVED

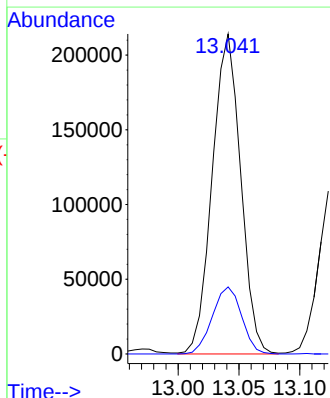
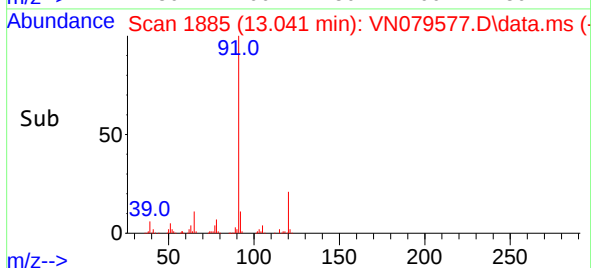
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

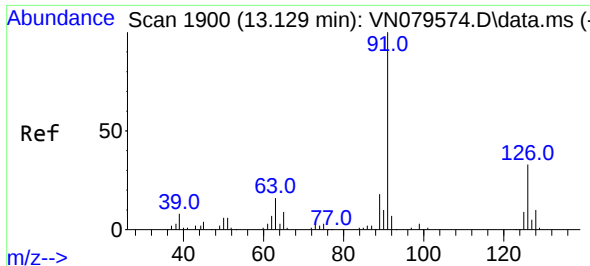


#74
n-propylbenzene
Concen: 20.377 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



Tgt Ion: 91 Resp: 347747
Ion Ratio Lower Upper
91 100
120 21.5 0.0 42.0





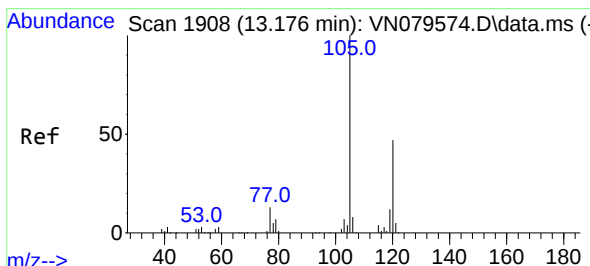
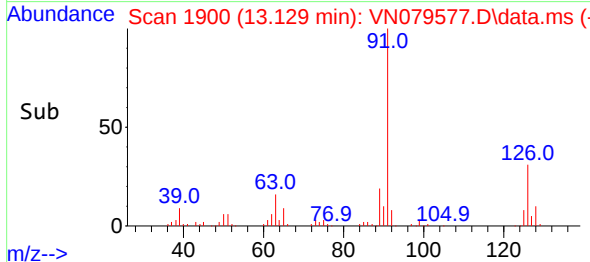
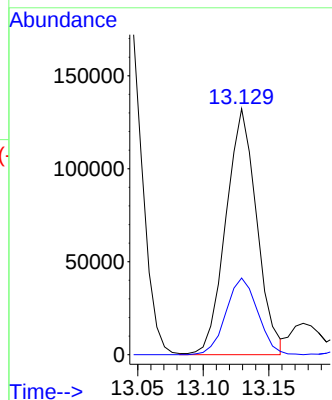
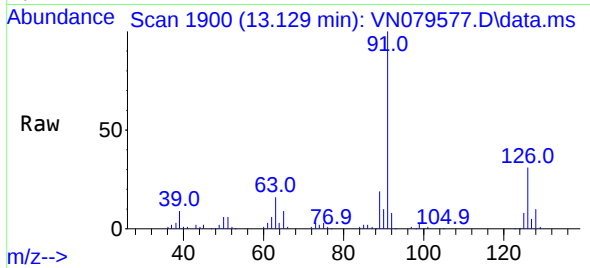
#75
2-Chlorotoluene
Concen: 20.460 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723

Tgt Ion: 91 Resp: 217064
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.6

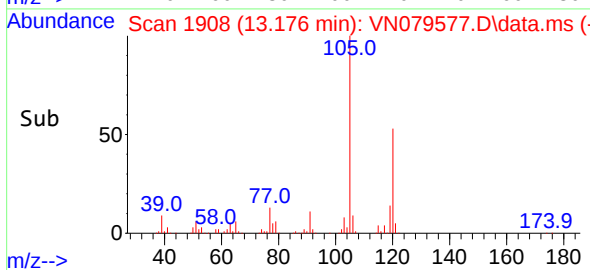
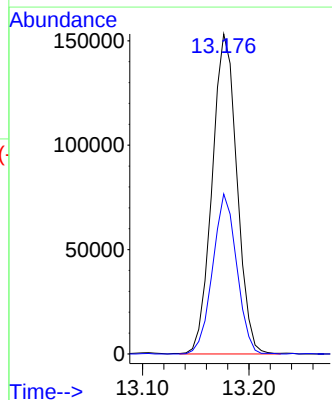
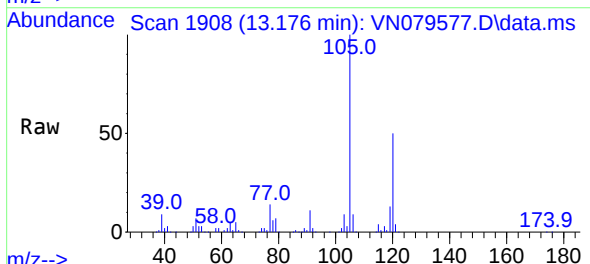
Manual Integrations
APPROVED

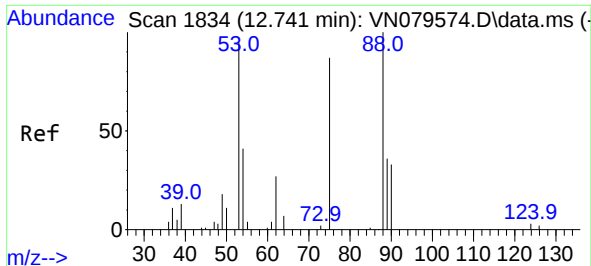
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.667 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

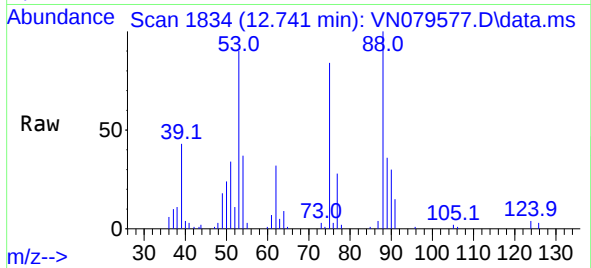
Tgt Ion:105 Resp: 247647
Ion Ratio Lower Upper
105 100
120 48.4 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.675 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

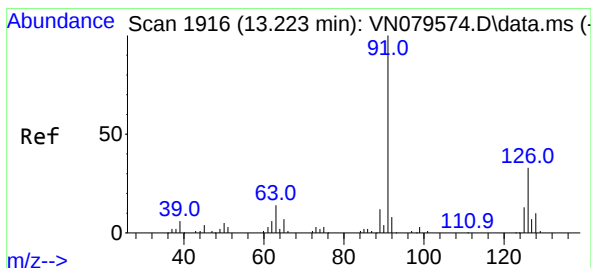
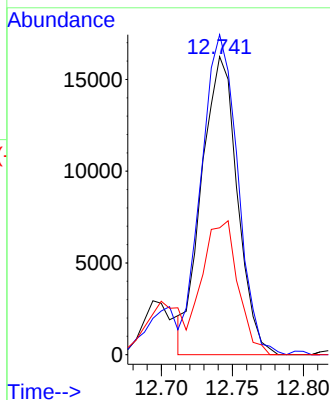
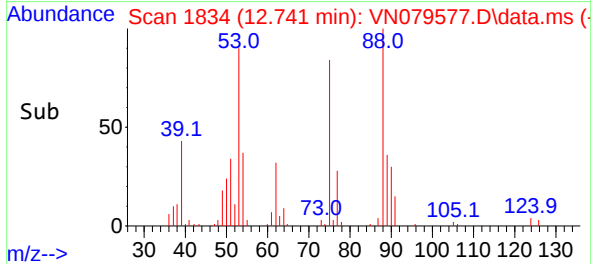
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



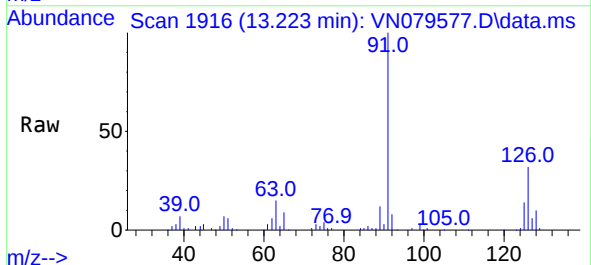
Tgt Ion: 75 Resp: 2842
Ion Ratio Lower Upper
75 100
53 106.4 53.0 159.1
89 42.6 22.6 67.7

Manual Integrations
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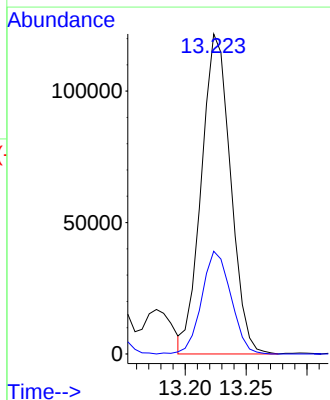
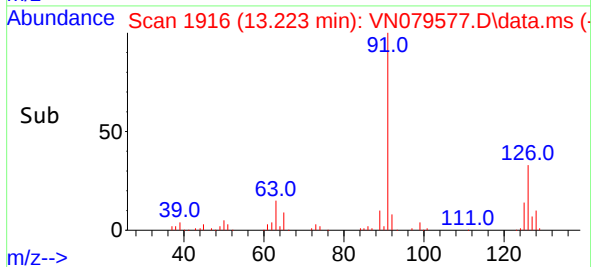
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

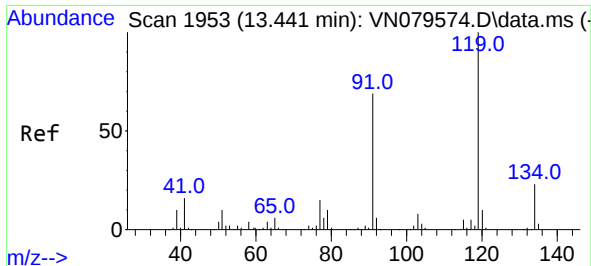


#78
4-Chlorotoluene
Concen: 20.226 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



Tgt Ion: 91 Resp: 202742
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.4





#79
tert-butylbenzene
Concen: 20.099 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101723

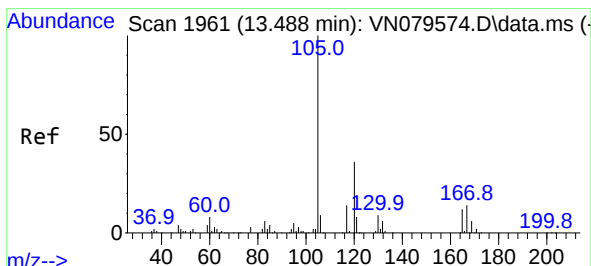
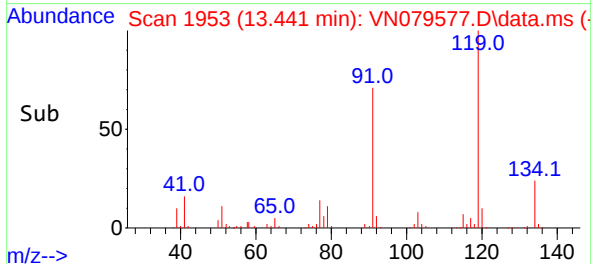
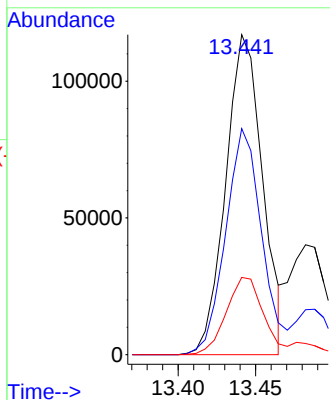
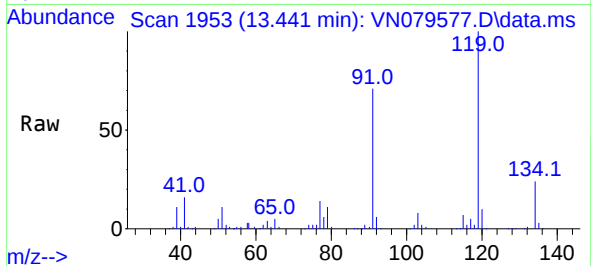
Tgt Ion:119 Resp: 193649
Ion Ratio Lower Upper
119 100
91 69.5 0.0 140.6
134 24.4 0.0 49.8

Manual Integrations

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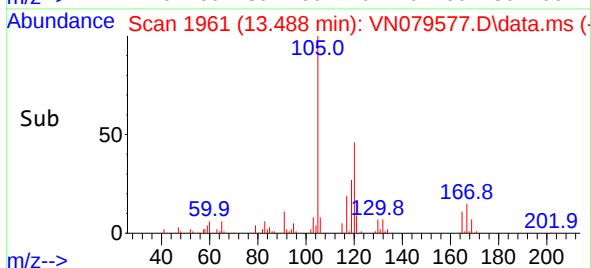
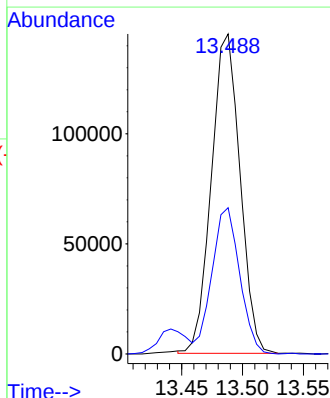
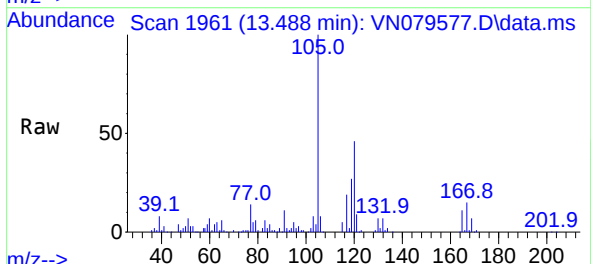
Reviewed By :John Carlone 10/18/2023

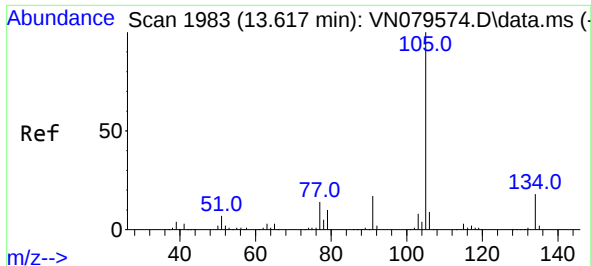
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.465 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

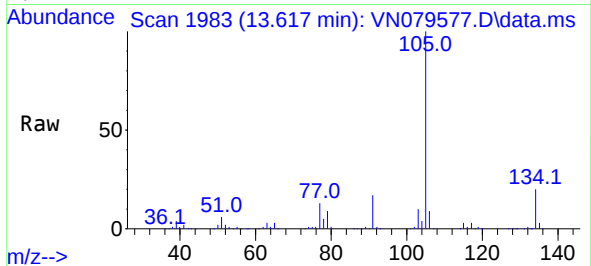
Tgt Ion:105 Resp: 237623
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 20.170 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079577.D
 Acq: 17 Oct 2023 12:49

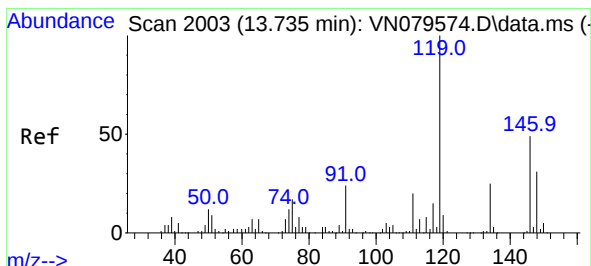
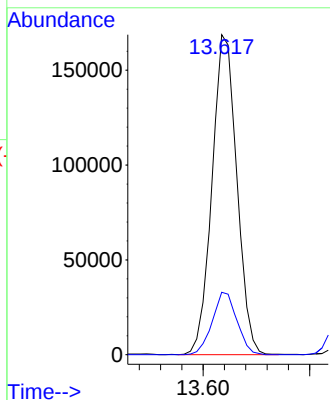
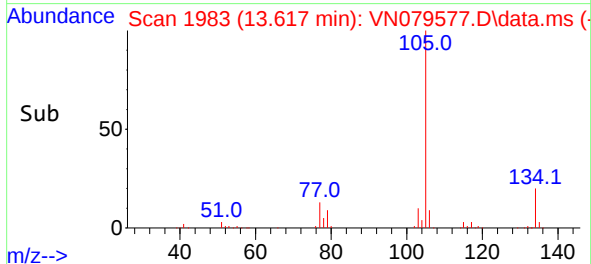
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101723



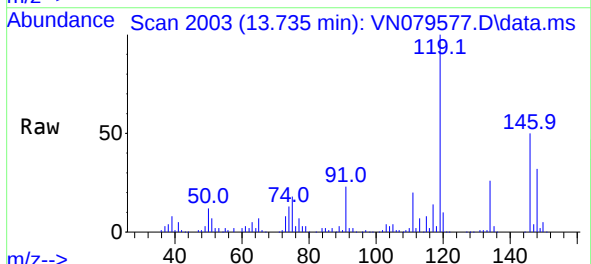
Tgt Ion:105 Resp: 27281
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.2

Manual Integrations
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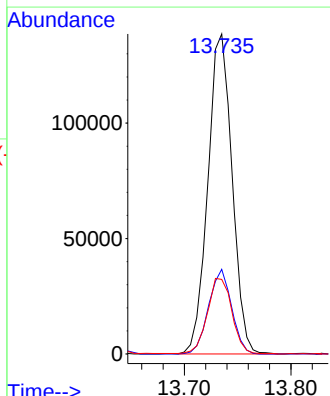
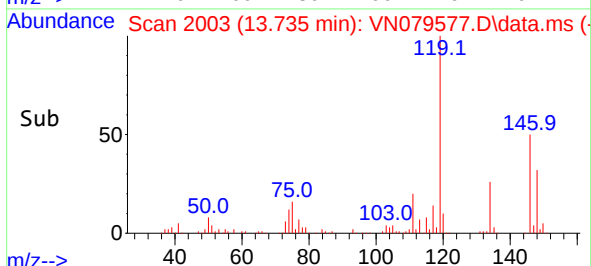
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

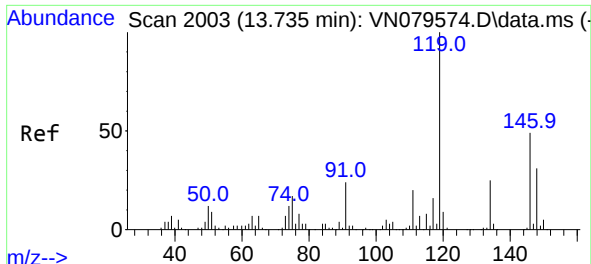


#82
 p-Isopropyltoluene
 Concen: 20.434 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079577.D
 Acq: 17 Oct 2023 12:49



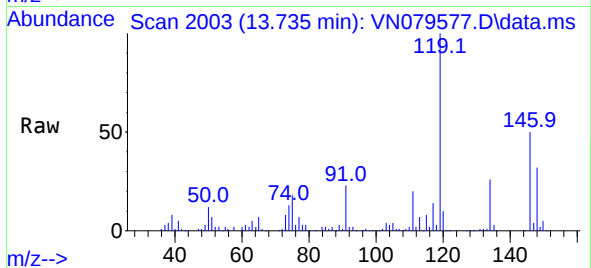
Tgt Ion:119 Resp: 219228
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.2
 91 24.0 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 20.734 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

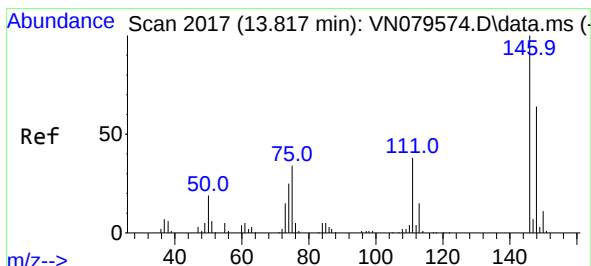
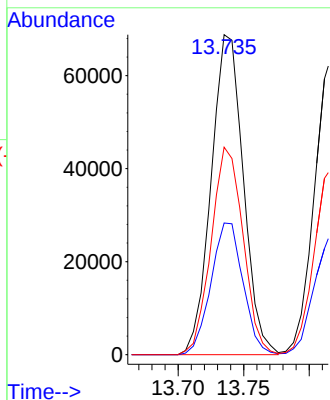
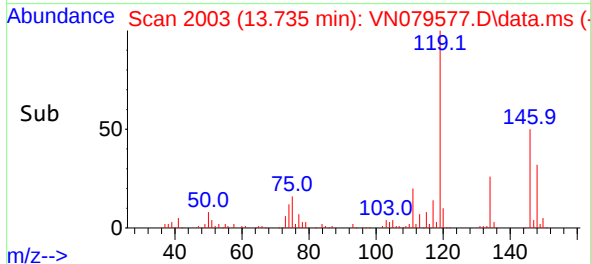
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



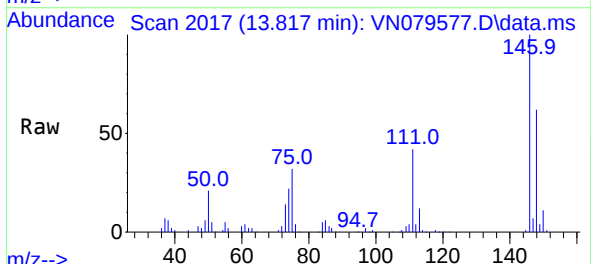
Tgt Ion:146 Resp: 11740
Ion Ratio Lower Upper
146 100
111 41.1 21.0 63.0
148 64.4 32.4 97.0

Manual Integrations
APPROVED

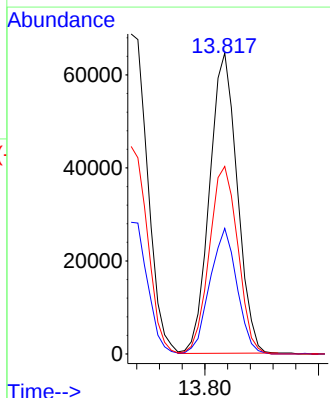
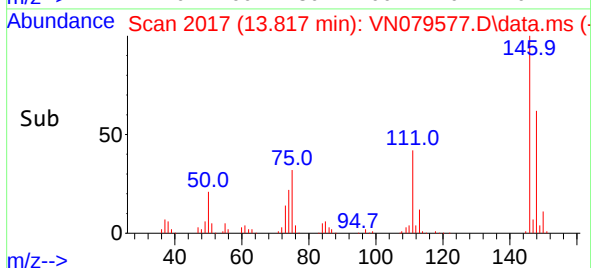
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

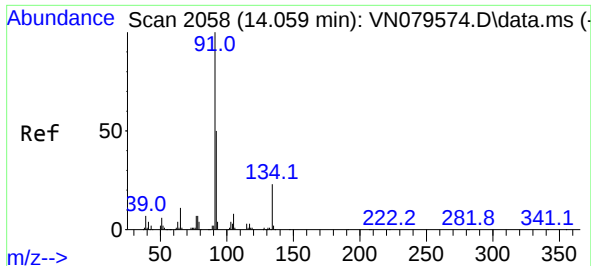


#84
1,4-Dichlorobenzene
Concen: 20.124 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49



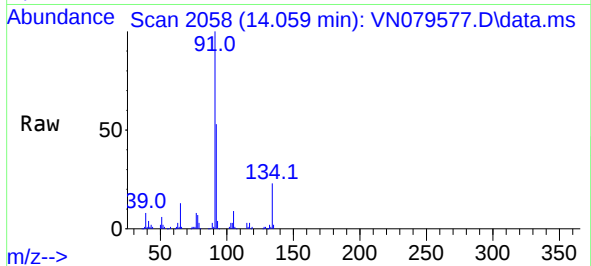
Tgt Ion:146 Resp: 109240
Ion Ratio Lower Upper
146 100
111 41.1 19.9 59.7
148 64.4 32.6 97.7





#85
n-Butylbenzene
Concen: 20.007 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

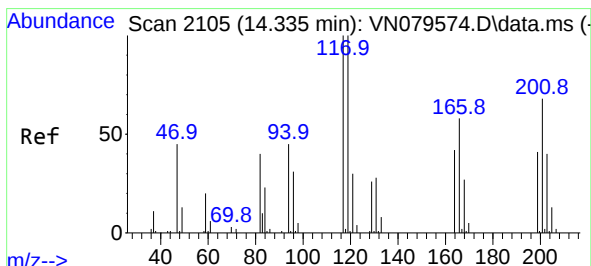
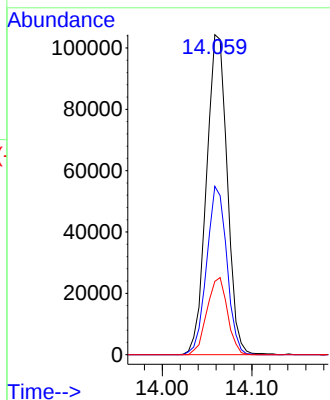
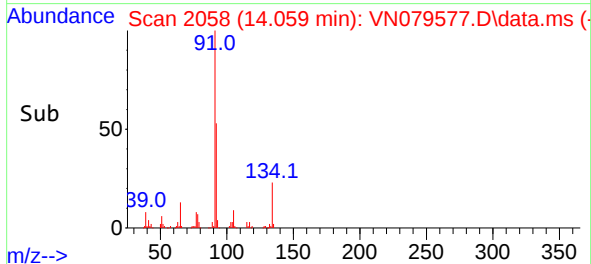
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



Tgt Ion: 91 Resp: 16771
Ion Ratio Lower Upper
91 100
92 51.0 0.0 99.6
134 23.7 0.0 46.2

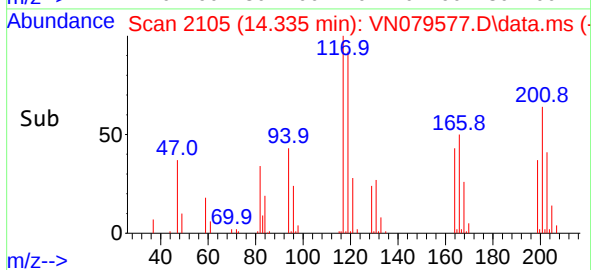
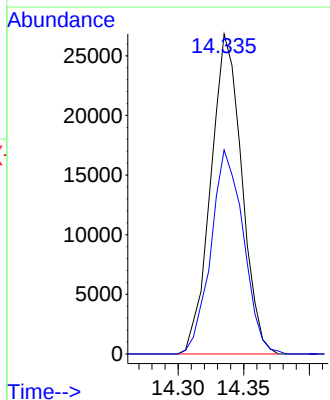
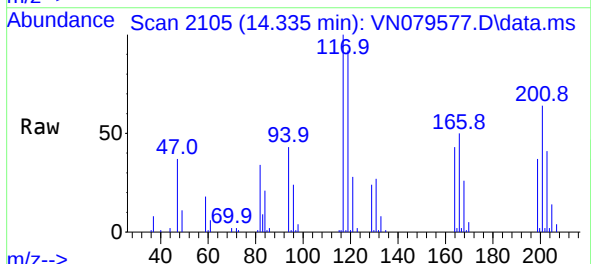
Manual Integrations
APPROVED

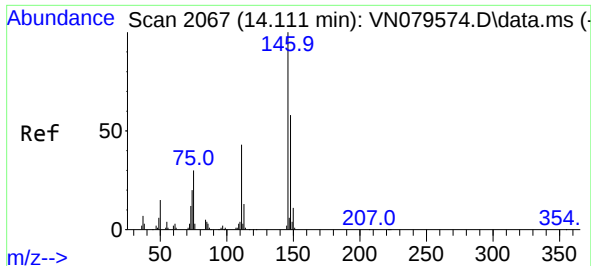
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#86
Hexachloroethane
Concen: 19.014 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion:117 Resp: 44101
Ion Ratio Lower Upper
117 100
201 66.8 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 20.072 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079577.D

Acq: 17 Oct 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101723

Tgt Ion:146 Resp: 112964

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

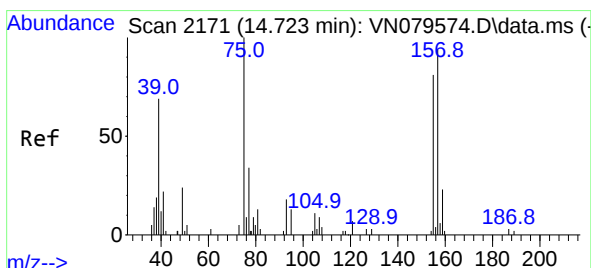
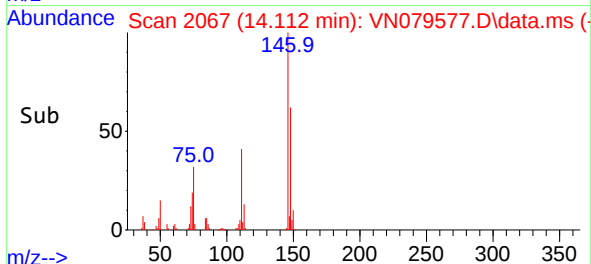
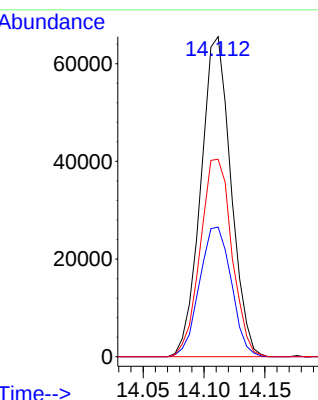
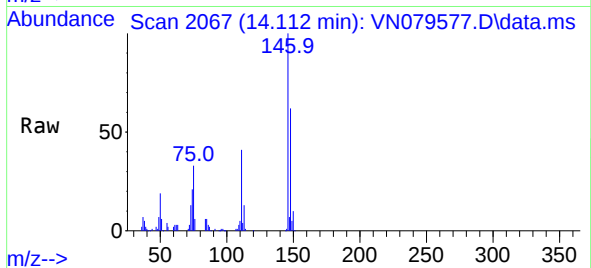
148 64.8 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.829 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN079577.D

Acq: 17 Oct 2023 12:49

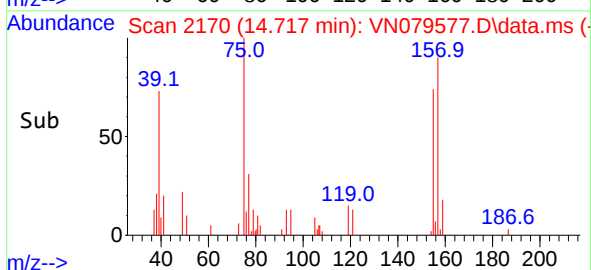
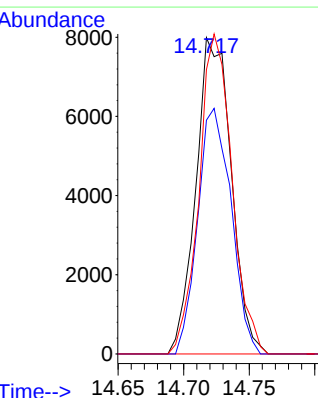
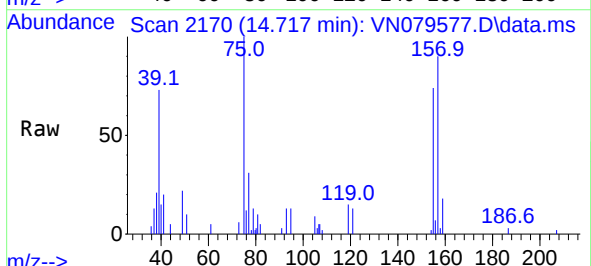
Tgt Ion: 75 Resp: 14954

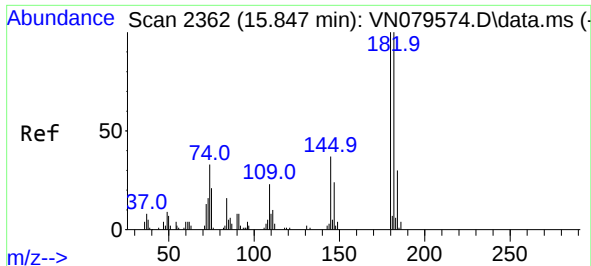
Ion Ratio Lower Upper

75 100

155 73.6 60.7 91.1

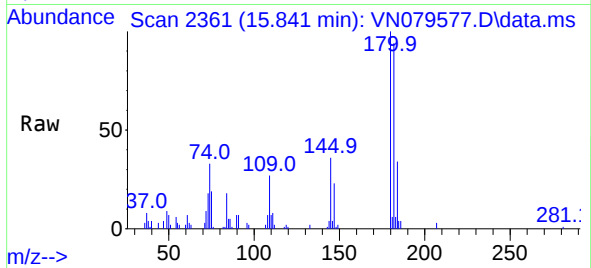
157 94.2 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 17.760 ug/l
RT: 15.841 min Scan# 2362
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

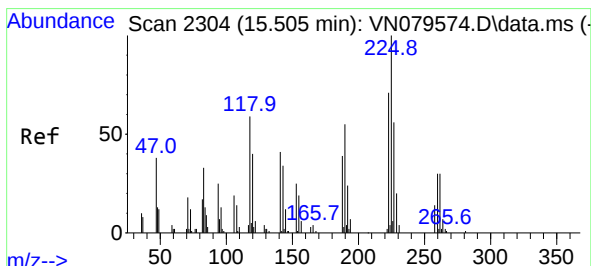
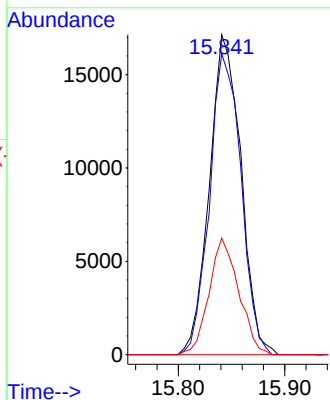
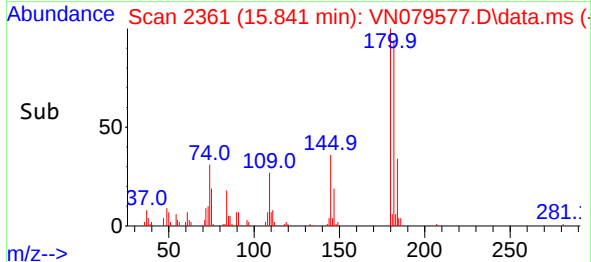
Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723



Tgt Ion:180 Resp: 3523
Ion Ratio Lower Upper
180 100
182 93.7 74.2 111.4
145 34.4 25.4 38.2

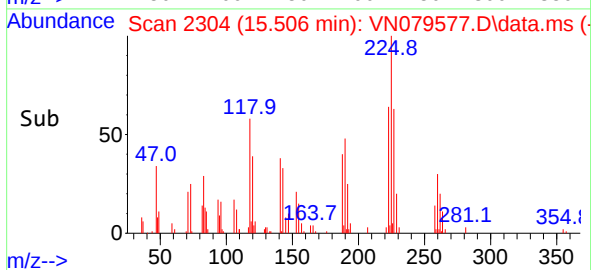
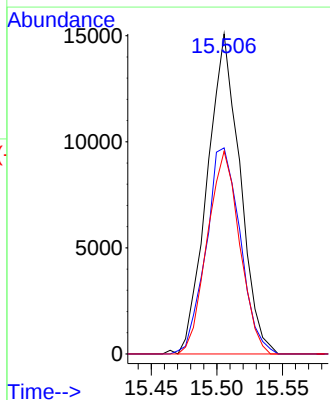
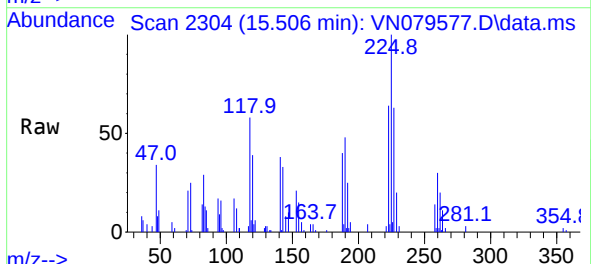
Manual Integrations
APPROVED

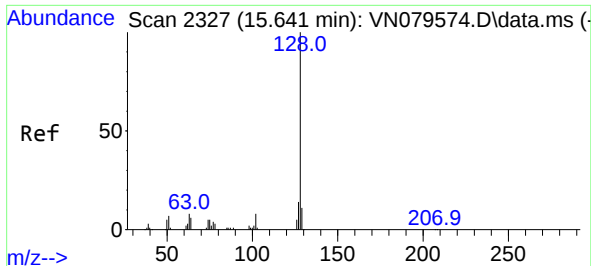
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#90
Hexachlorobutadiene
Concen: 18.637 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion:225 Resp: 26188
Ion Ratio Lower Upper
225 100
223 67.2 0.0 126.0
227 62.5 0.0 127.0





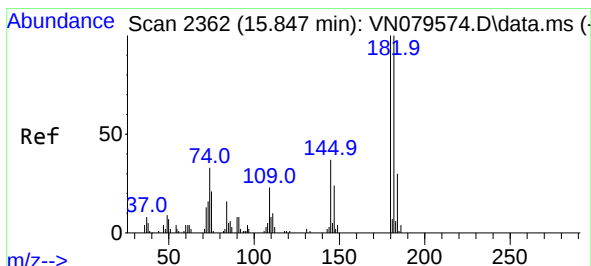
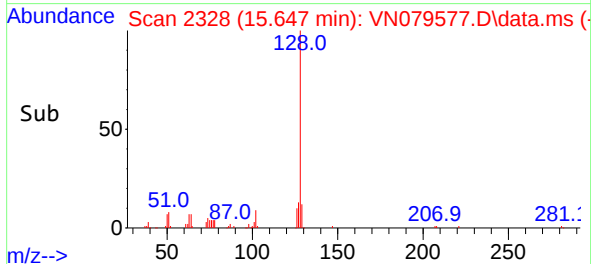
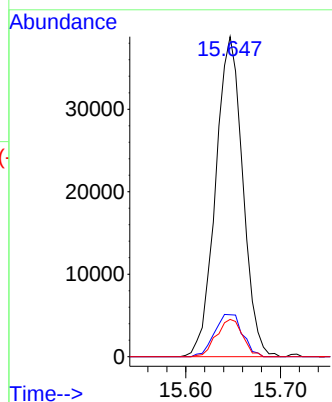
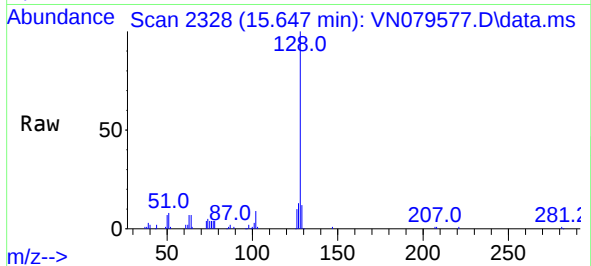
#91
Naphthalene
Concen: 15.114 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723

Tgt Ion:128 Resp: 7734
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.760 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079577.D
Acq: 17 Oct 2023 12:49

Tgt Ion:180 Resp: 35231
Ion Ratio Lower Upper
180 100
182 93.7 0.0 185.6
145 34.4 0.0 63.6

