

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079217.D
 Acq On : 11 Sep 2023 14:19
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 12 02:34:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 11 16:44:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	125352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	184835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	30137	17.810	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	35.620%#		
35) Dibromofluoromethane	8.171	113	25159	17.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.920%#		
50) Toluene-d8	10.571	98	91718	17.835	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	35.680%#		
62) 4-Bromofluorobenzene	12.853	95	29572	18.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.060%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27424	22.111	ug/l	96
3) Chloromethane	2.365	50	36168	22.214	ug/l	99
4) Vinyl Chloride	2.512	62	40268	22.698	ug/l	89
5) Bromomethane	2.948	94	22417	21.983	ug/l	97
6) Chloroethane	3.112	64	25438	21.885	ug/l	93
7) Trichlorofluoromethane	3.495	101	55173	21.238	ug/l	93
8) Diethyl Ether	3.959	74	18782	20.830	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	29976	21.697	ug/l	96
10) Methyl Iodide	4.589	142	24211	21.423	ug/l	95
11) Tert butyl alcohol	5.536	59	33177	106.199	ug/l	97
12) 1,1-Dichloroethene	4.342	96	29311	21.924	ug/l	94
13) Acrolein	4.189	56	31605	106.057	ug/l	100
14) Allyl chloride	5.024	41	49175	23.058	ug/l #	88
15) Acrylonitrile	5.730	53	88046	108.692	ug/l	98
16) Acetone	4.436	43	75722	105.366	ug/l	94
17) Carbon Disulfide	4.712	76	86263	20.645	ug/l	98
18) Methyl Acetate	5.030	43	63636	21.545	ug/l #	87
19) Methyl tert-butyl Ether	5.806	73	101421	22.119	ug/l	92
20) Methylene Chloride	5.283	84	35582	20.346	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	32800	21.149	ug/l #	81
22) Diisopropyl ether	6.677	45	105534	22.553	ug/l #	88
23) Vinyl Acetate	6.612	43	321066m	103.864	ug/l	
24) 1,1-Dichloroethane	6.571	63	63274	21.935	ug/l	98
25) 2-Butanone	7.488	43	114942	110.233	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	51653	21.165	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	39160	22.082	ug/l	92
28) Bromochloromethane	7.818	49	23151	17.750	ug/l	81
29) Tetrahydrofuran	7.841	42	74058	111.606	ug/l #	80
30) Chloroform	7.971	83	64643	21.523	ug/l	93
31) Cyclohexane	8.259	56	52087	21.081	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	57972	22.644	ug/l	96
36) 1,1-Dichloropropene	8.377	75	47391	21.953	ug/l	96
37) Ethyl Acetate	7.565	43	49715	23.409	ug/l #	92
38) Carbon Tetrachloride	8.365	117	48941	21.908	ug/l	98
39) Methylcyclohexane	9.606	83	47081	22.110	ug/l #	85
40) Benzene	8.612	78	144974	21.938	ug/l	99

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 Supervised By : Mahesh Dadoda 09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	24101	21.661	ug/l	89
42) 1,2-Dichloroethane	8.677	62	49510	21.762	ug/l	100
43) Isopropyl Acetate	8.694	43	74821	21.297	ug/l #	92
44) Trichloroethene	9.359	130	35023	21.514	ug/l	96
45) 1,2-Dichloropropane	9.624	63	35886	21.881	ug/l	95
46) Dibromomethane	9.712	93	24663	22.152	ug/l	91
47) Bromodichloromethane	9.894	83	50458	22.127	ug/l	98
48) Methyl methacrylate	9.688	41	34165	21.710	ug/l	84
49) 1,4-Dioxane	9.706	88	14271	440.904	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	224614	110.135	ug/l	94
52) Toluene	10.635	92	89185	21.960	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	52338	21.767	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	56045	21.792	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	34791	21.832	ug/l	96
56) Ethyl methacrylate	10.876	69	51206	22.763	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	59349	21.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	100638	113.311	ug/l	91
59) 2-Hexanone	11.200	43	165539	112.067	ug/l	92
60) Dibromochloromethane	11.365	129	36452	21.493	ug/l	99
61) 1,2-Dibromoethane	11.476	107	36014	22.646	ug/l	95
64) Tetrachloroethene	11.106	164	28919	21.457	ug/l	89
65) Chlorobenzene	11.894	112	91069	21.749	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	34405	21.912	ug/l	97
67) Ethyl Benzene	11.970	91	161319	22.524	ug/l	97
68) m/p-Xylenes	12.076	106	120583	45.169	ug/l	95
69) o-Xylene	12.406	106	58511	22.853	ug/l	93
70) Styrene	12.418	104	95043	23.081	ug/l	98
71) Bromoform	12.582	173	26127	22.540	ug/l #	99
73) Isopropylbenzene	12.700	105	148368	20.989	ug/l	99
74) N-amyl acetate	12.500	43	58148	21.682	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	51985	19.749	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	40532m	20.110	ug/l	
77) Bromobenzene	12.988	156	35932	20.075	ug/l	99
78) n-propylbenzene	13.041	91	170658	21.492	ug/l	98
79) 2-Chlorotoluene	13.129	91	107503	20.699	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	124760	21.182	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15100	19.825	ug/l #	80
82) 4-Chlorotoluene	13.223	91	102422	20.988	ug/l	99
83) tert-Butylbenzene	13.441	119	106208	21.797	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	121399	21.642	ug/l	98
85) sec-Butylbenzene	13.623	105	143463	21.387	ug/l	99
86) p-Isopropyltoluene	13.735	119	117762	21.974	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	61537	20.961	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	61262	20.651	ug/l	98
89) n-Butylbenzene	14.059	91	89964	21.347	ug/l	100
90) Hexachloroethane	14.335	117	22444	20.622	ug/l	77
91) 1,2-Dichlorobenzene	14.112	146	61885	21.353	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	8997	21.692	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	23226	22.301	ug/l	99
94) Hexachlorobutadiene	15.506	225	16517	20.161	ug/l	98
95) Naphthalene	15.647	128	66147	21.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	26462	21.540	ug/l	96

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ClientSampleId :
VSTDICC020

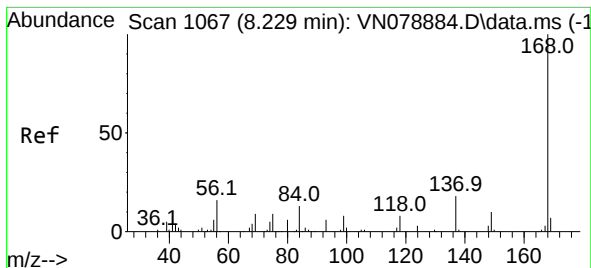
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 02:34:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 11 16:44:36 2023
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



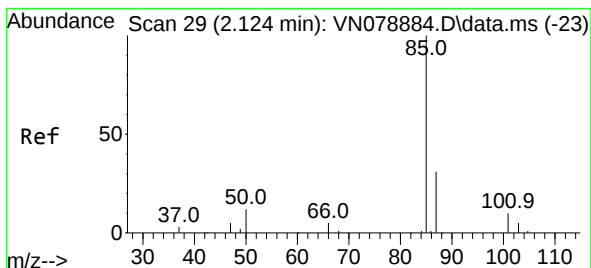
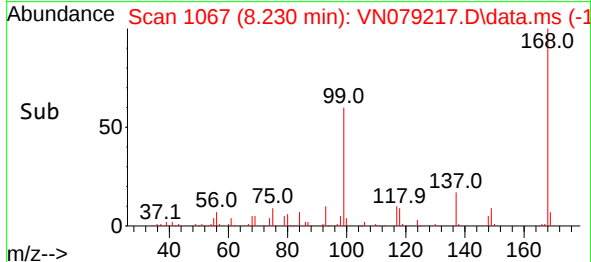
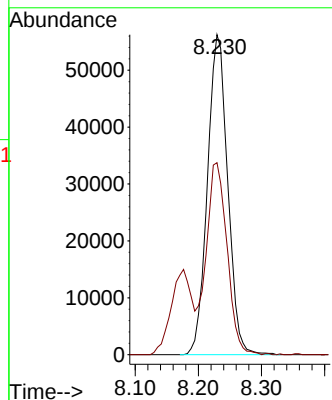
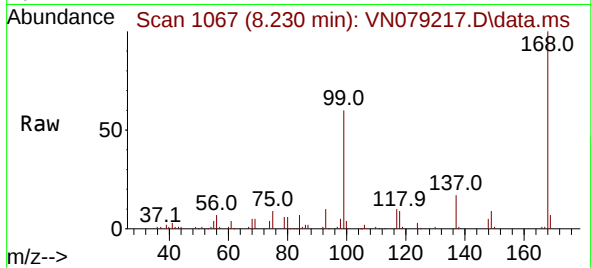
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 125352
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6

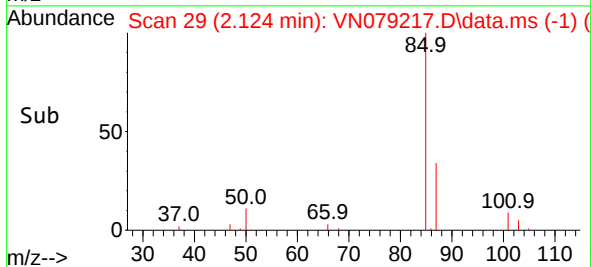
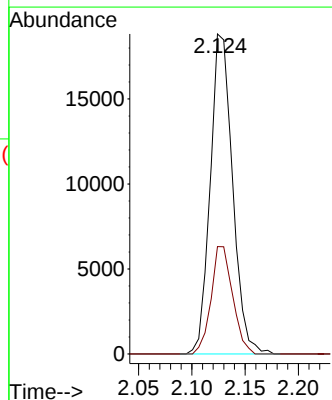
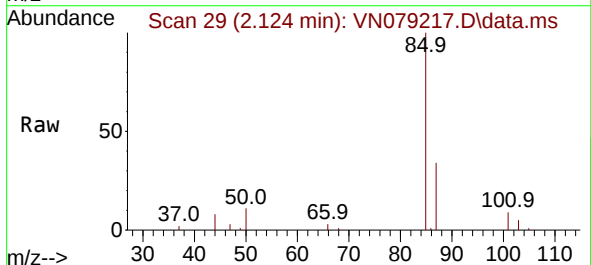
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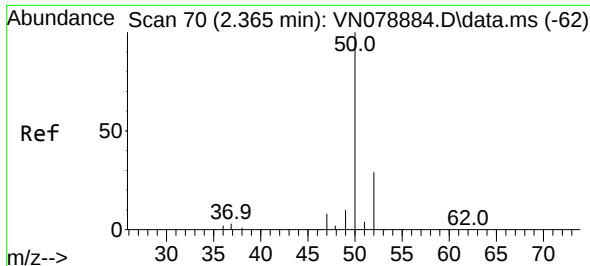
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 22.111 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

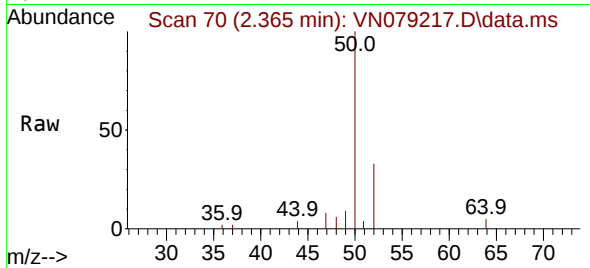
Tgt Ion: 85 Resp: 27424
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





#3
Chloromethane
Concen: 22.214 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

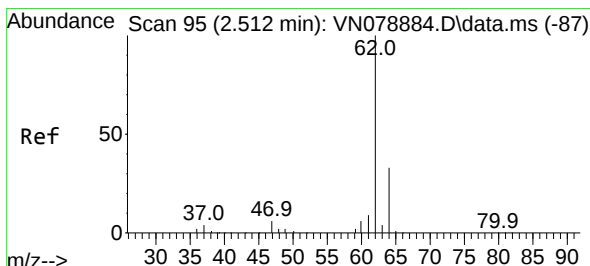
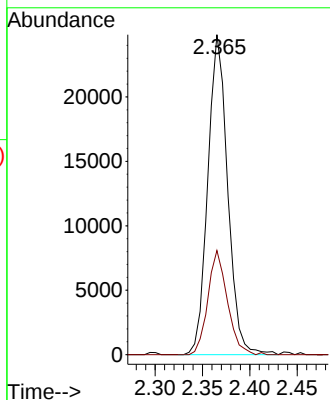
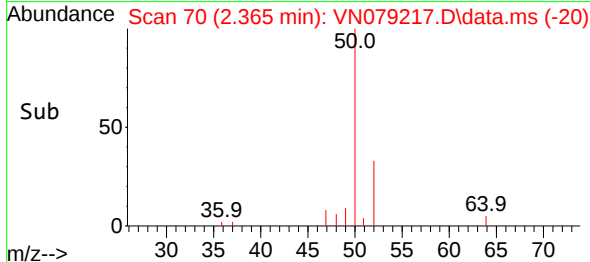
Instrument :
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ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 36168
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

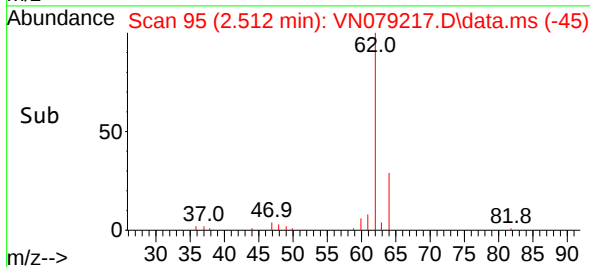
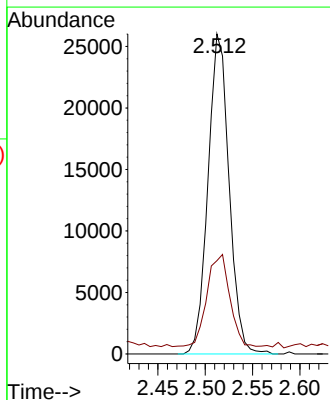
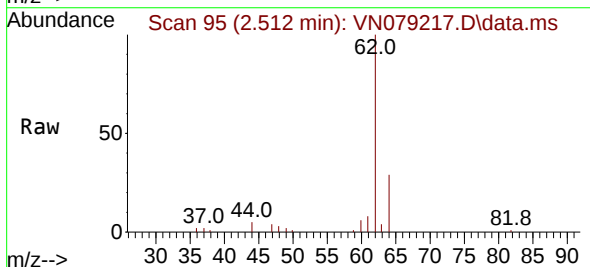
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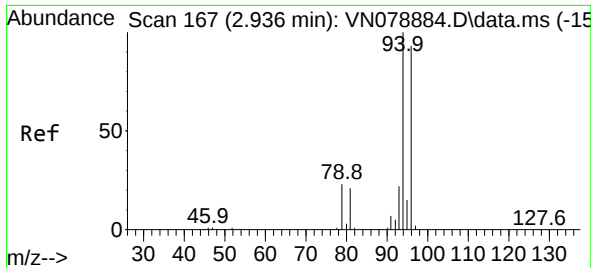
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 22.698 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion: 62 Resp: 40268
Ion Ratio Lower Upper
62 100
64 26.7 26.2 39.2





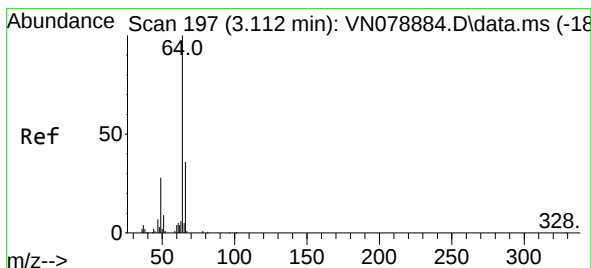
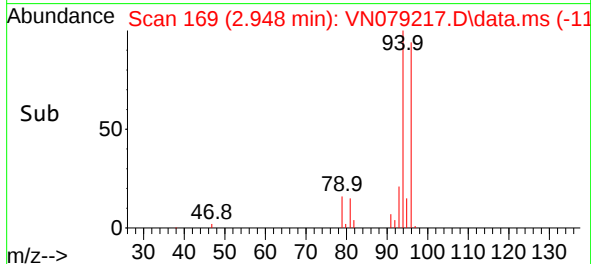
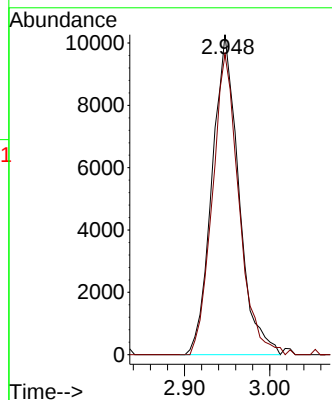
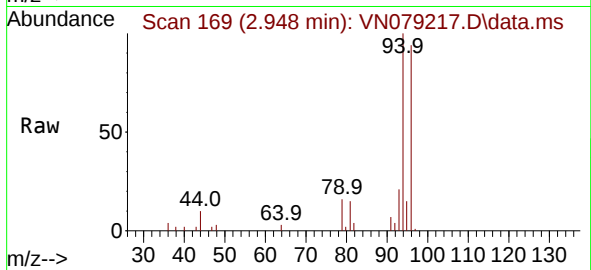
#5
Bromomethane
Concen: 21.983 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

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Tgt Ion: 94 Resp: 2241
Ion Ratio Lower Upper
94 100
96 93.8 73.1 109.7

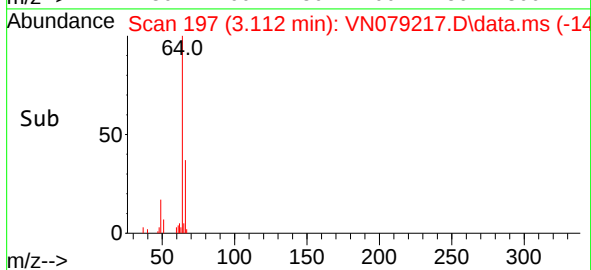
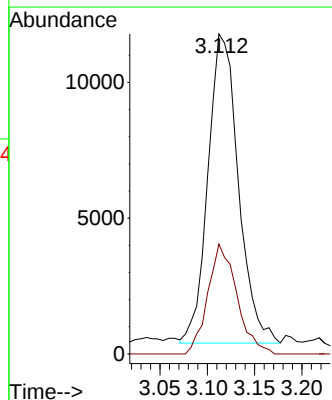
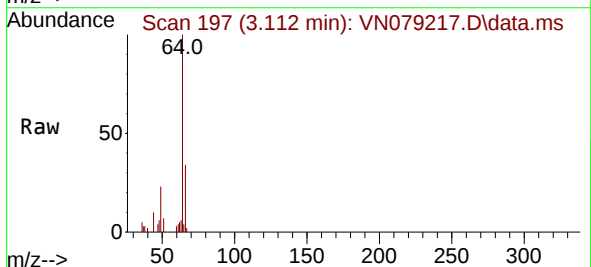
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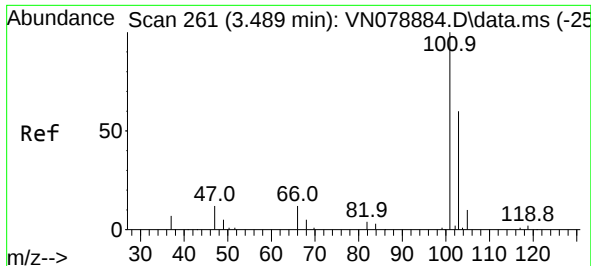
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 21.885 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion: 64 Resp: 25438
Ion Ratio Lower Upper
64 100
66 35.5 25.4 38.2





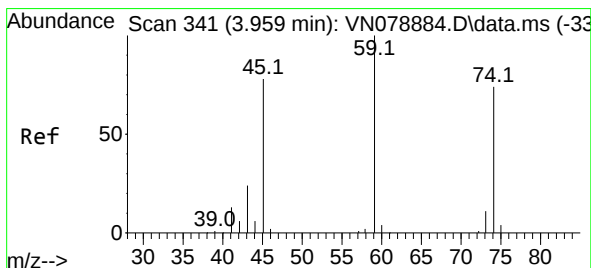
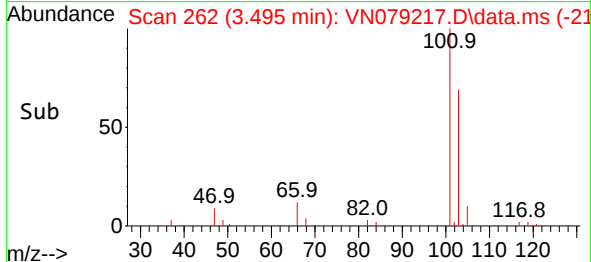
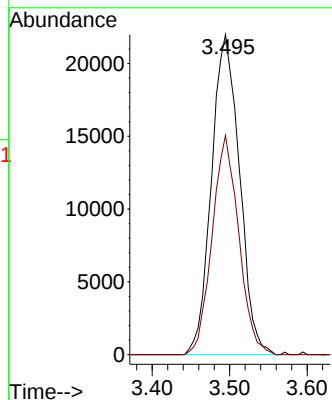
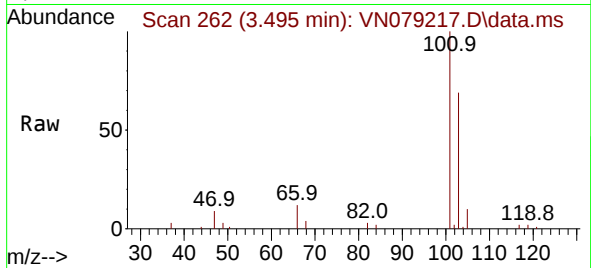
#7
Trichlorofluoromethane
Concen: 21.238 ug/l
RT: 3.495 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 5517
Ion Ratio Lower Upper
101 100
103 68.6 50.7 76.1

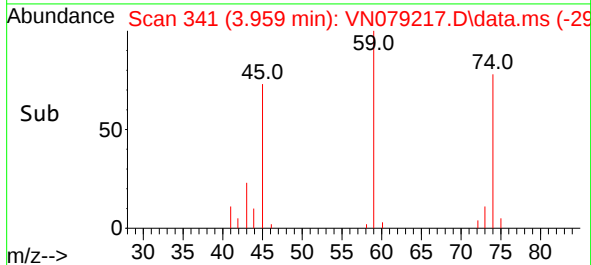
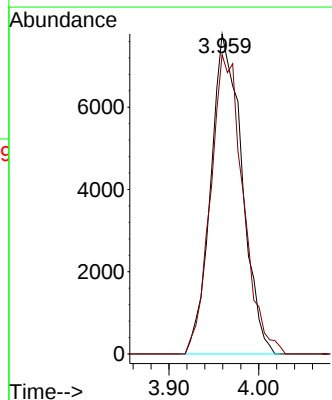
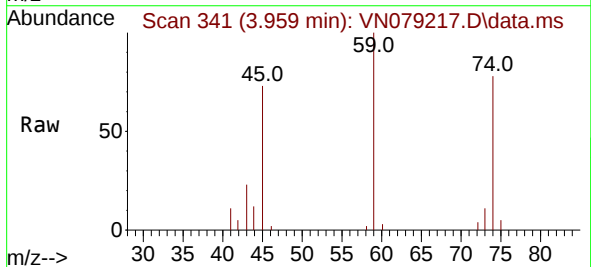
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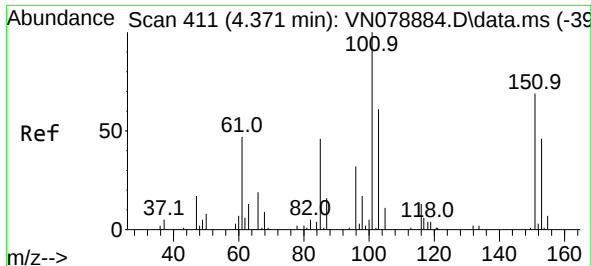
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#8
Diethyl Ether
Concen: 20.830 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079217.D
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Tgt Ion: 74 Resp: 18782
Ion Ratio Lower Upper
74 100
45 97.4 34.4 103.3





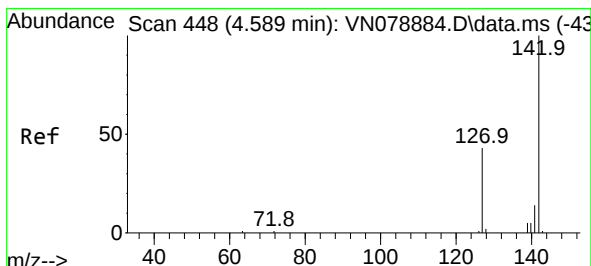
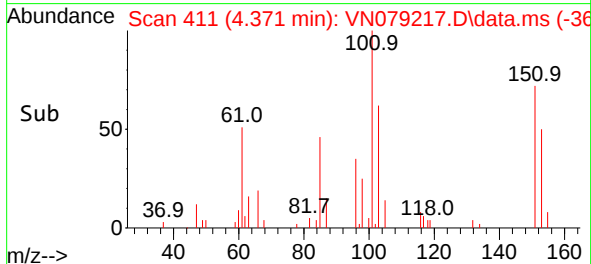
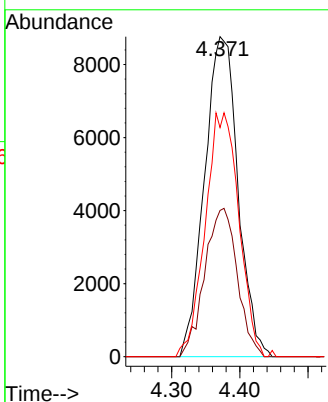
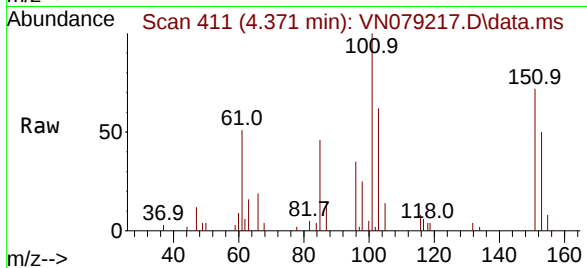
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.697 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 29970
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 76.5 57.6 86.4

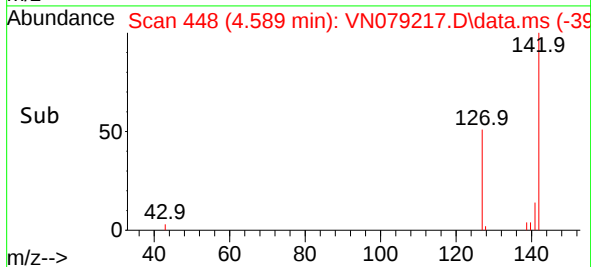
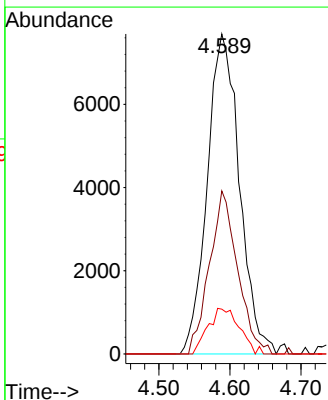
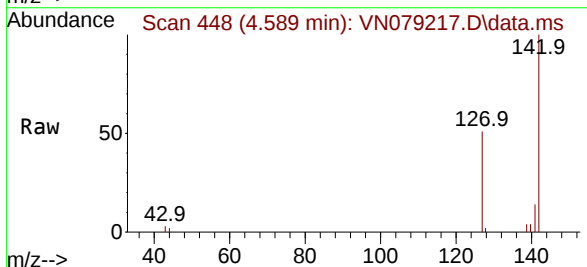
Manual Integrations
APPROVED

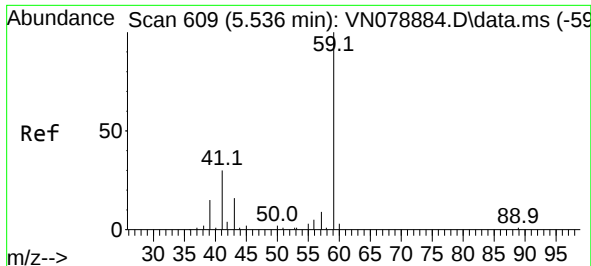
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 21.423 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

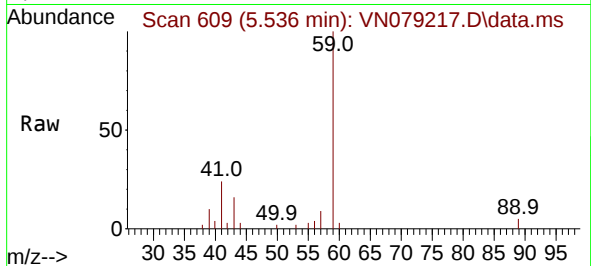
Tgt Ion:142 Resp: 24211
Ion Ratio Lower Upper
142 100
127 51.0 37.6 56.4
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 106.199 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

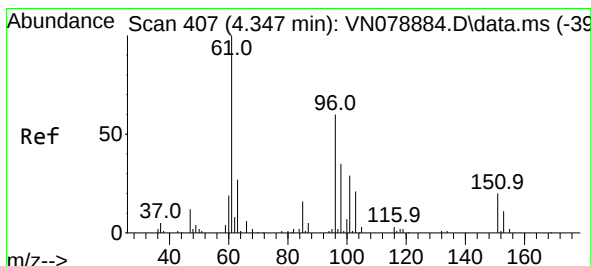
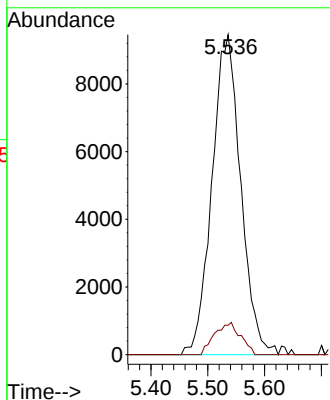
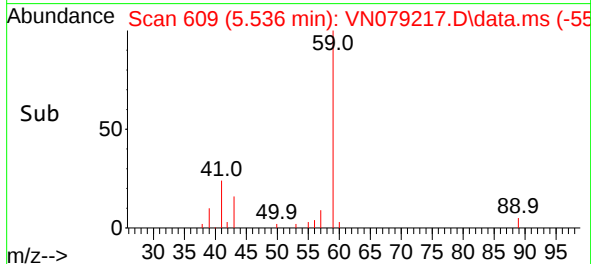
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



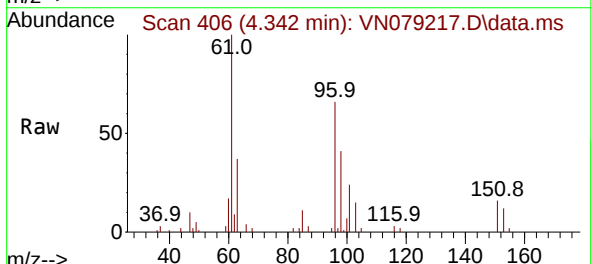
Tgt Ion: 59 Resp: 3317
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.4

Manual Integrations
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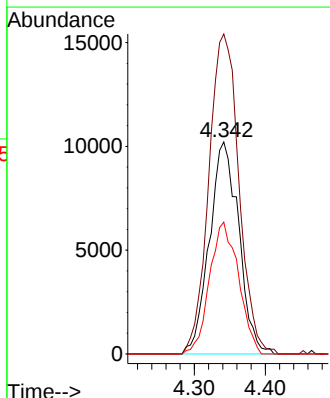
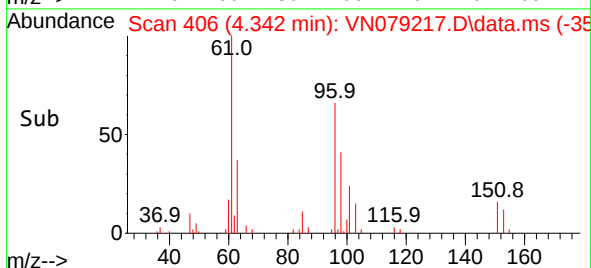
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

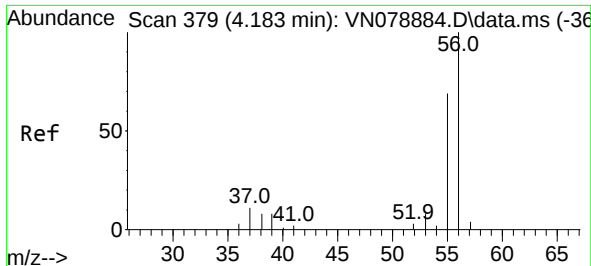


#12
1,1-Dichloroethene
Concen: 21.924 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19



Tgt Ion: 96 Resp: 29311
Ion Ratio Lower Upper
96 100
61 150.9 112.7 169.1
98 62.2 51.2 76.8





#13

Acrolein

Concen: 106.057 ug/l

RT: 4.189 min Scan# 3160

Delta R.T. -0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 3160

Ion Ratio Lower Upper

56 100

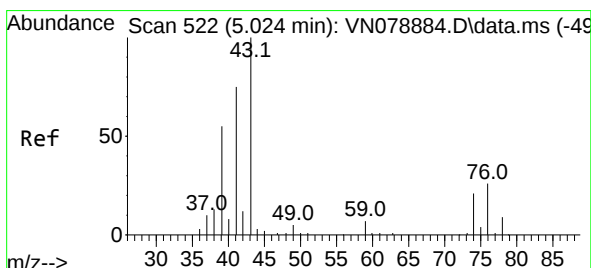
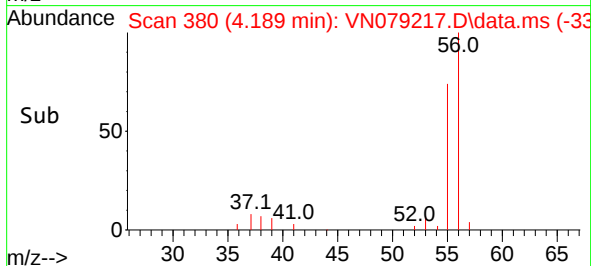
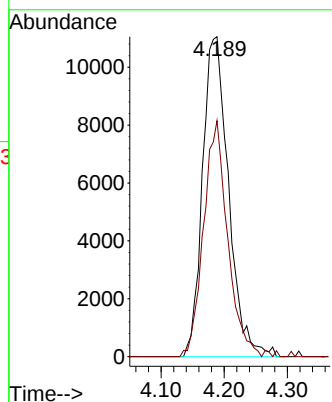
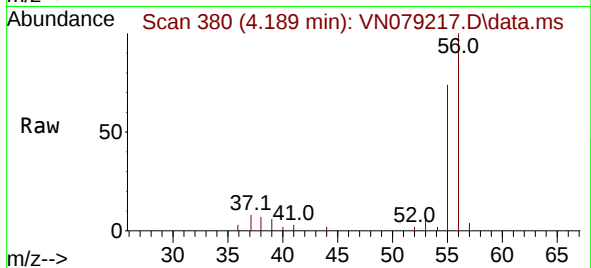
55 68.3 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#14

Allyl chloride

Concen: 23.058 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

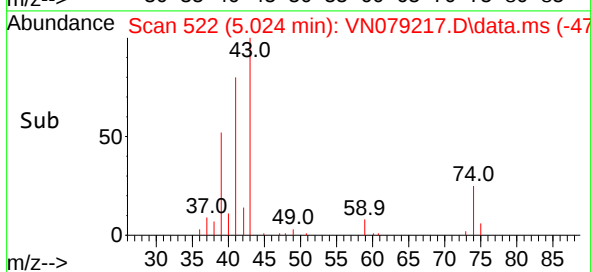
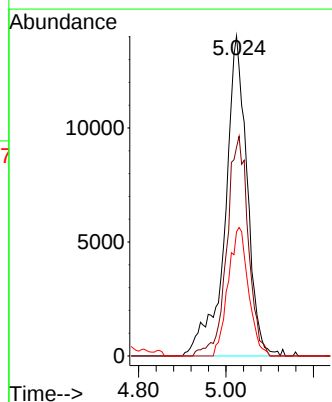
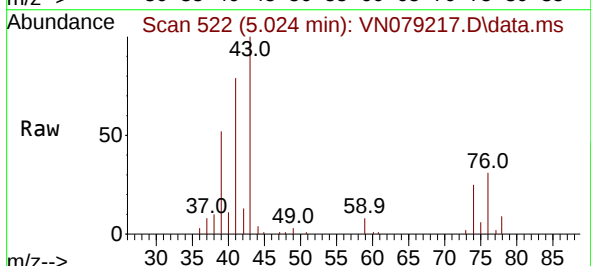
Tgt Ion: 41 Resp: 49175

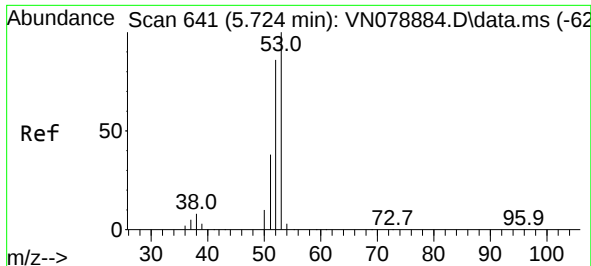
Ion Ratio Lower Upper

41 100

39 66.5 58.8 88.2

76 36.9 39.1 58.7#





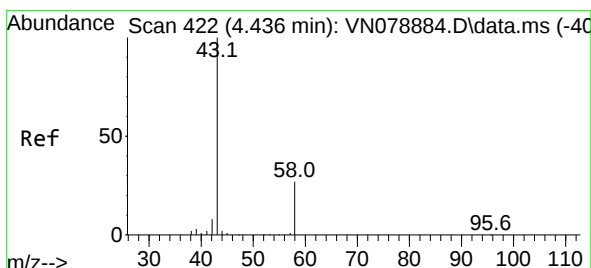
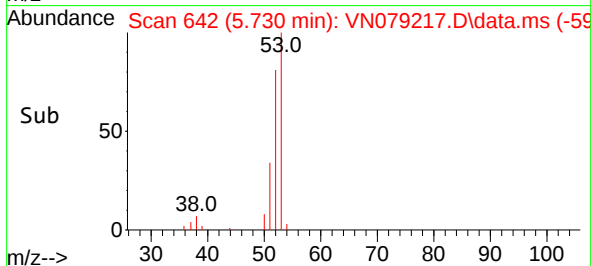
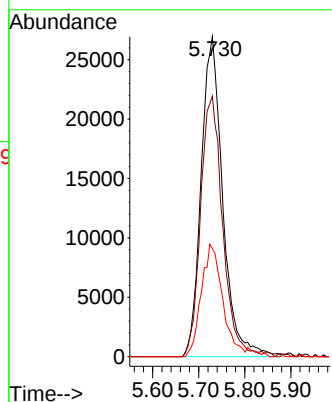
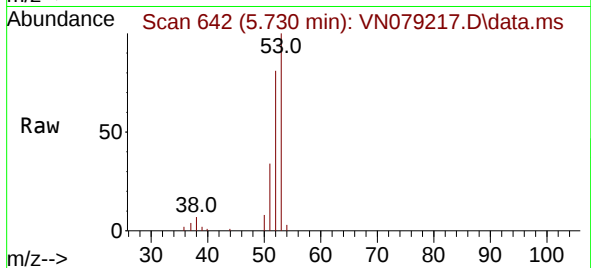
#15
Acrylonitrile
Concen: 108.692 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 53 Resp: 88040
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 34.5 28.9 43.3

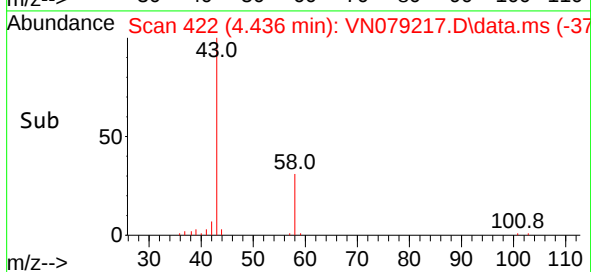
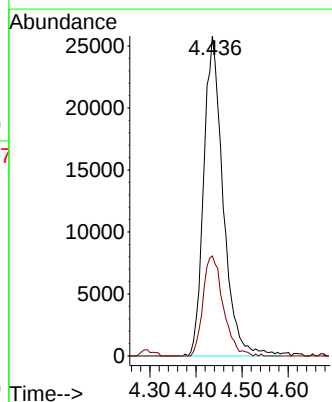
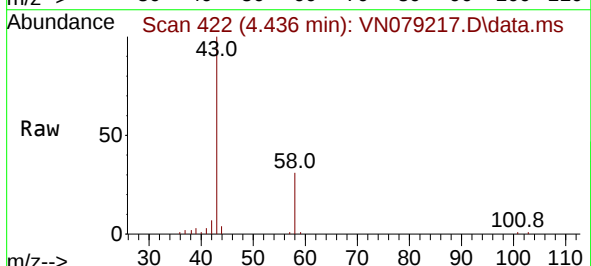
Manual Integrations
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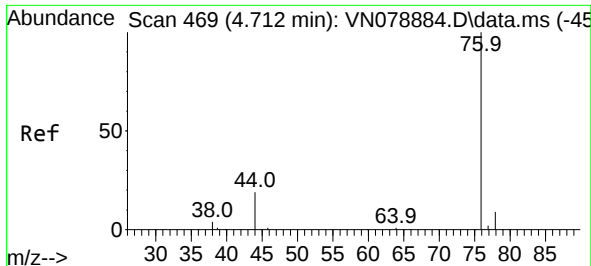
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 105.366 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

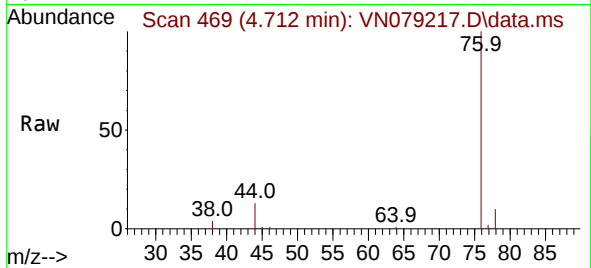
Tgt Ion: 43 Resp: 75722
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





#17
Carbon Disulfide
Concen: 20.645 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

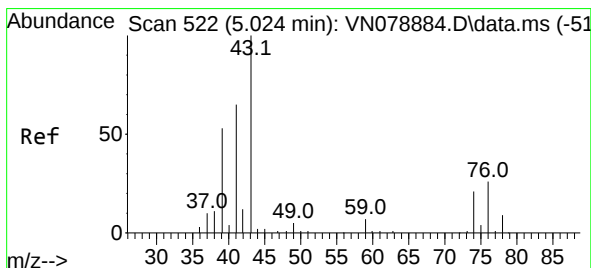
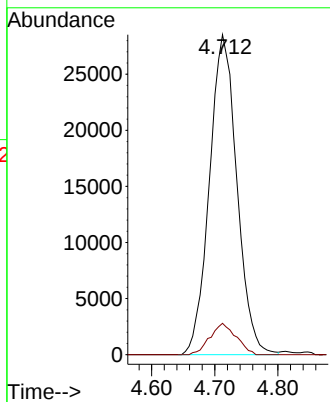
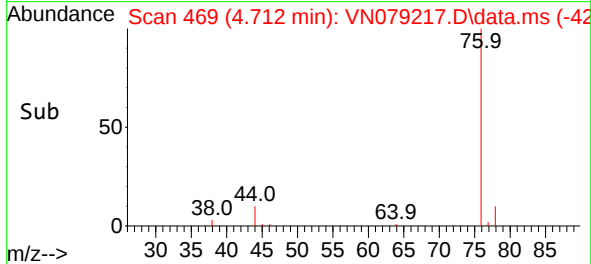
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



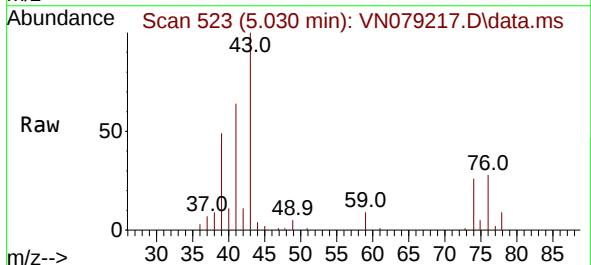
Tgt Ion: 76 Resp: 8626
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
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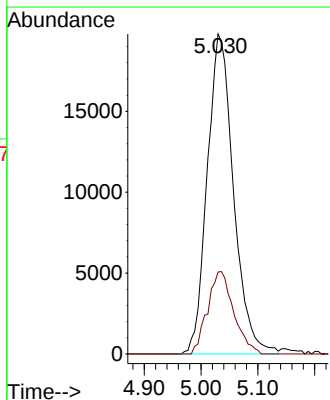
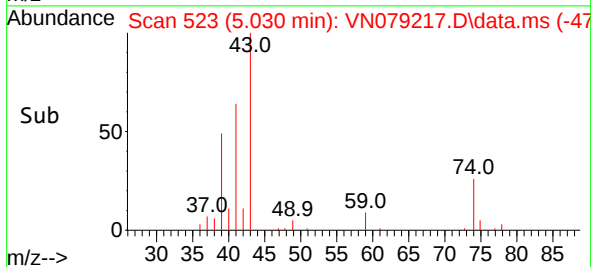
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

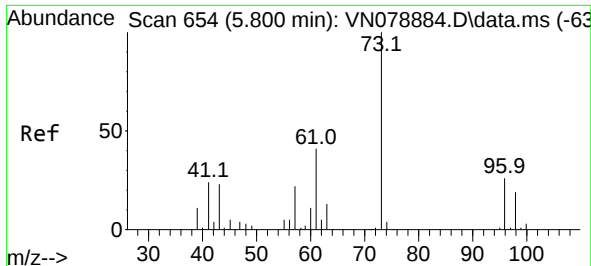


#18
Methyl Acetate
Concen: 21.545 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19



Tgt Ion: 43 Resp: 63636
Ion Ratio Lower Upper
43 100
74 25.6 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 22.119 ug/l

RT: 5.806 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 10142

Ion Ratio Lower Upper

73 100

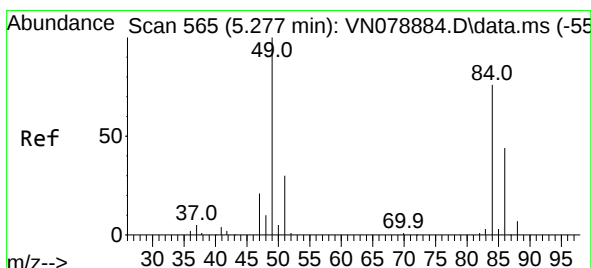
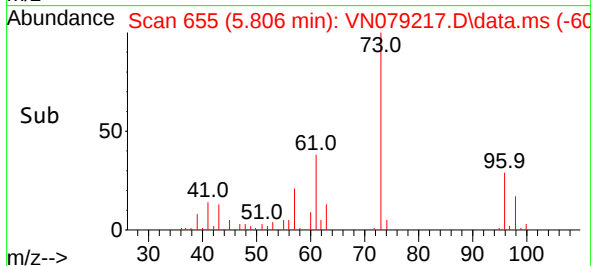
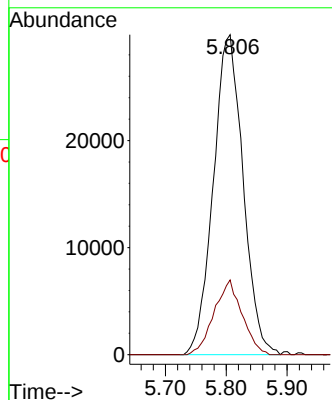
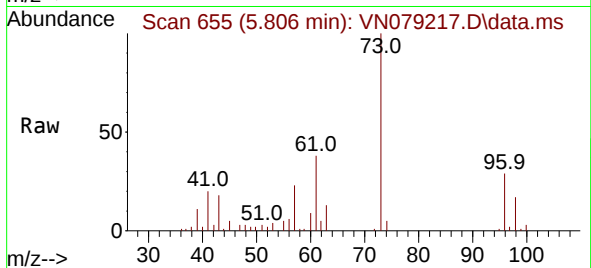
57 23.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#20

Methylene Chloride

Concen: 20.346 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion: 84 Resp: 35582

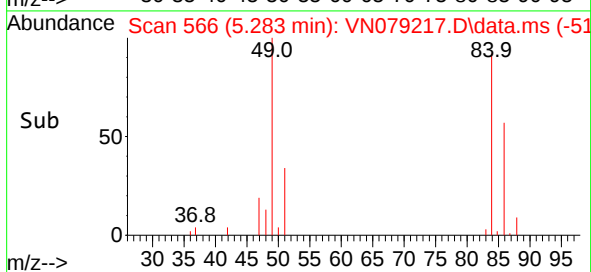
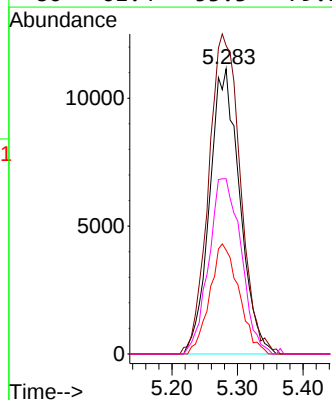
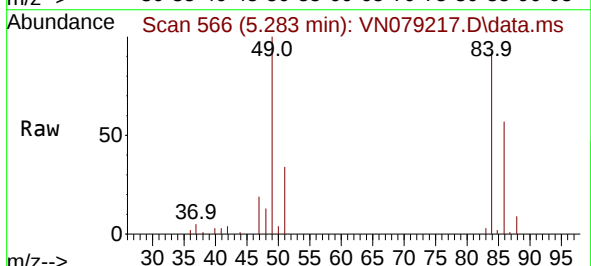
Ion Ratio Lower Upper

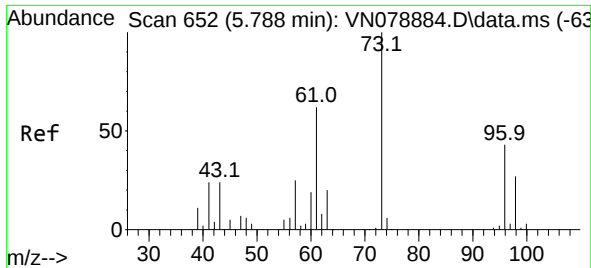
84 100

49 108.1 79.7 119.5

51 36.4 25.2 37.8

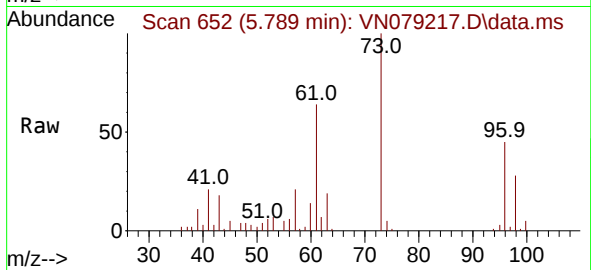
86 61.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 21.149 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

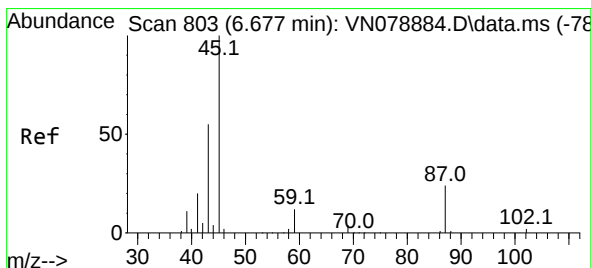
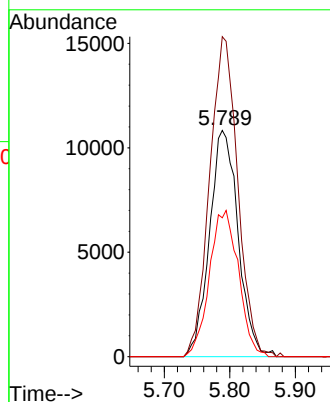
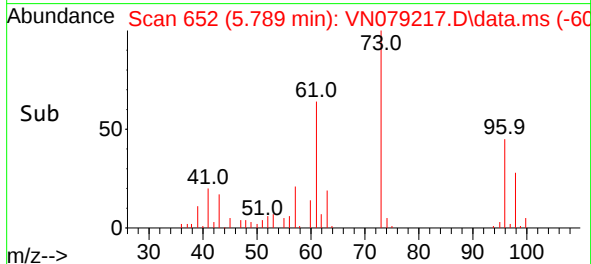
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 32800
Ion Ratio Lower Upper
96 100
61 141.4 90.1 135.1
98 61.4 46.4 69.6

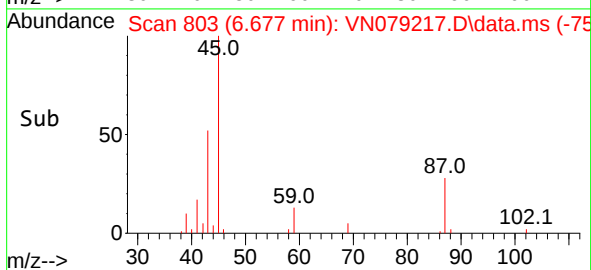
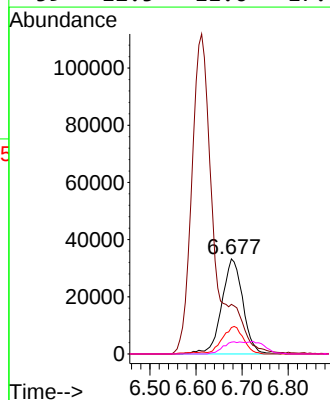
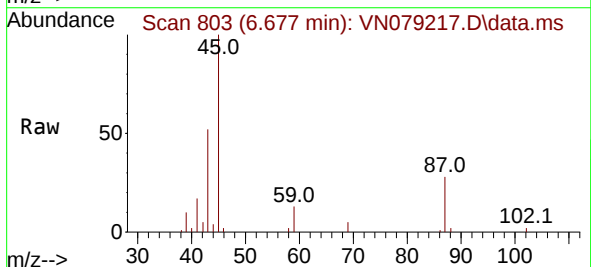
Manual Integrations
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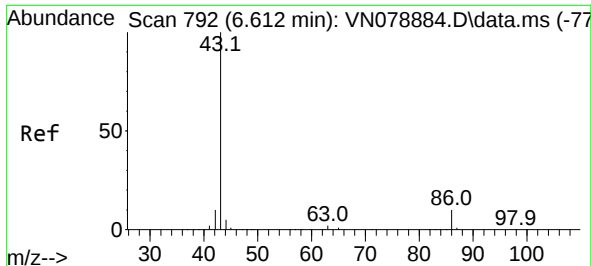
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 22.553 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

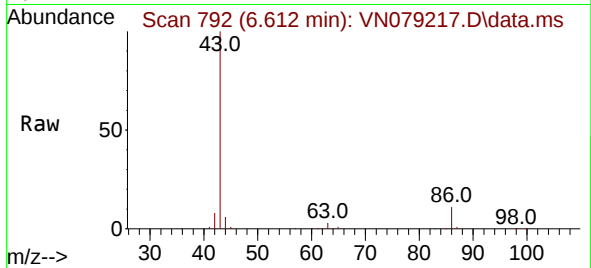
Tgt Ion: 45 Resp: 105534
Ion Ratio Lower Upper
45 100
43 50.7 45.5 68.3
87 27.7 31.8 47.8
59 12.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 103.864 ug/l m
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079217.D
 Acq: 11 Sep 2023 14:19

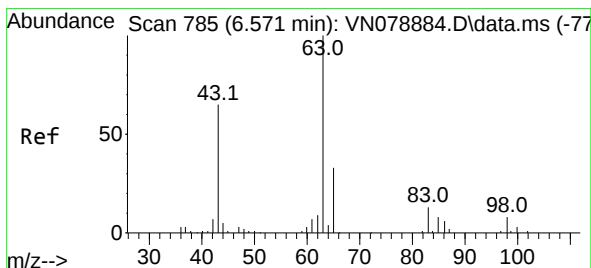
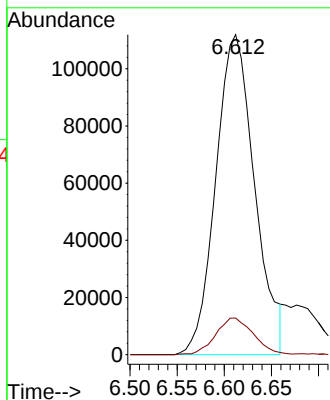
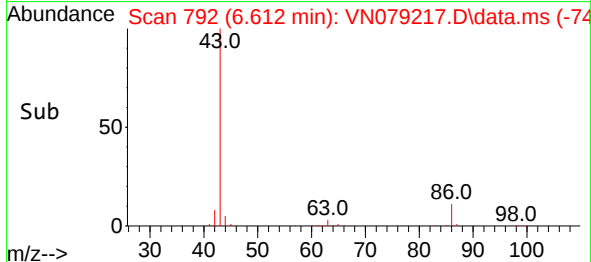
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



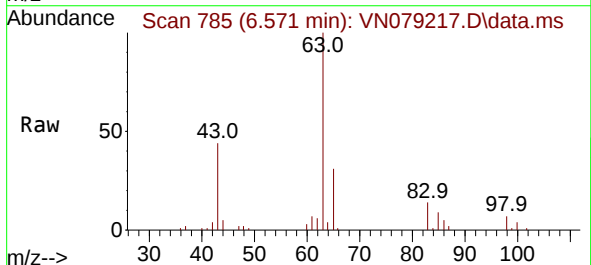
Tgt Ion: 43 Resp: 32106
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

Manual Integrations
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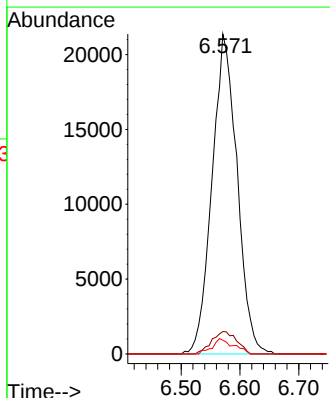
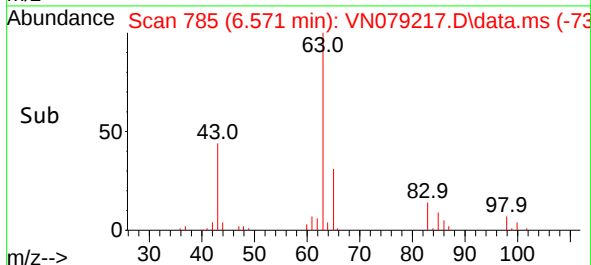
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

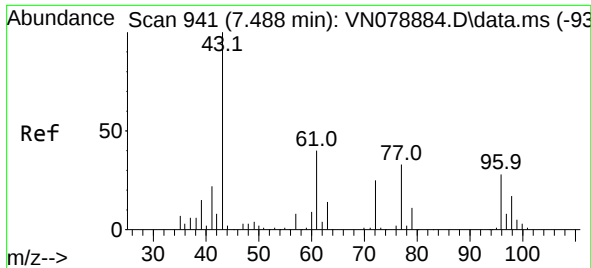


#24
 1,1-Dichloroethane
 Concen: 21.935 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079217.D
 Acq: 11 Sep 2023 14:19



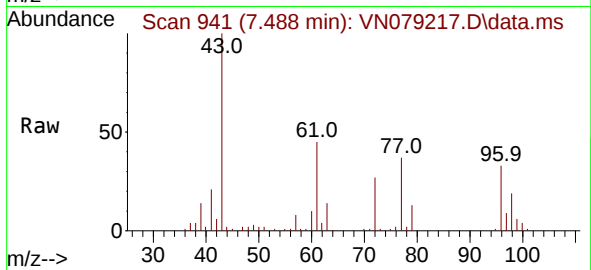
Tgt Ion: 63 Resp: 63274
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 110.233 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

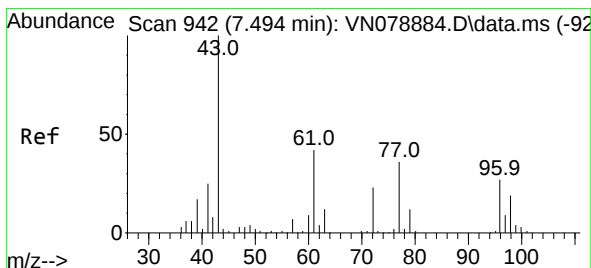
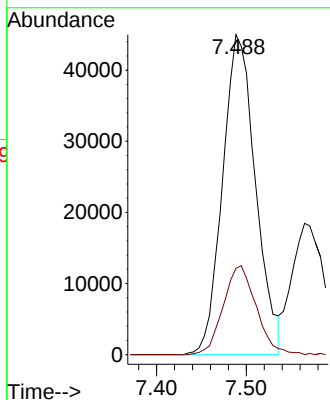
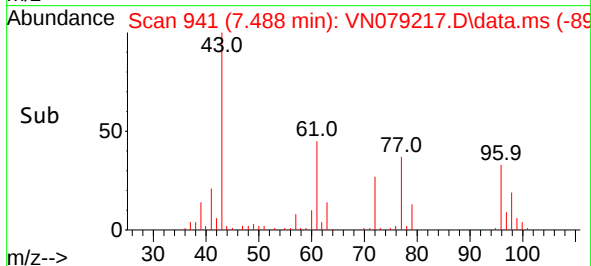
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



Tgt Ion: 43 Resp: 114942
Ion Ratio Lower Upper
43 100
72 27.0 30.2 45.2

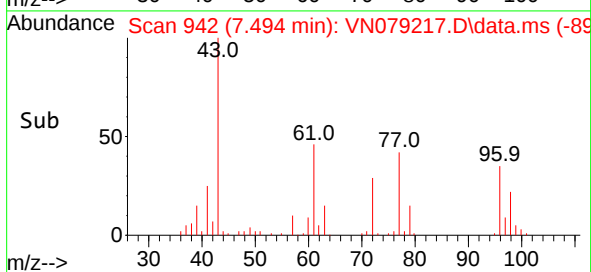
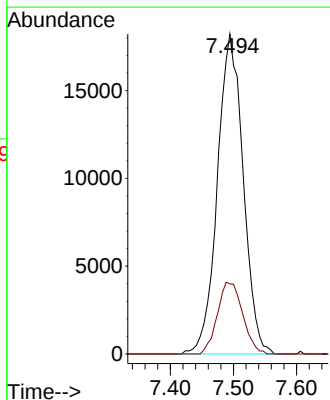
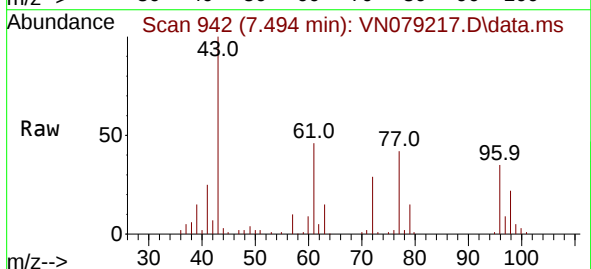
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 21.165 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

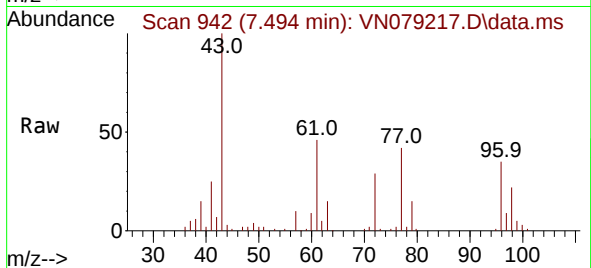
Tgt Ion: 77 Resp: 51653
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 22.082 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079217.D
 Acq: 11 Sep 2023 14:19

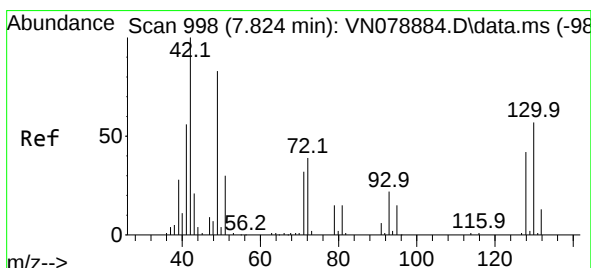
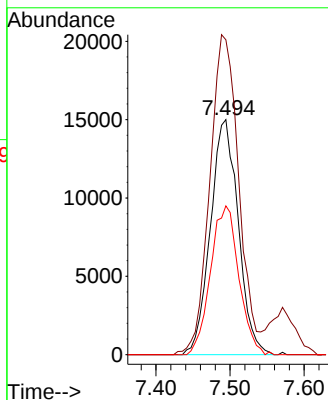
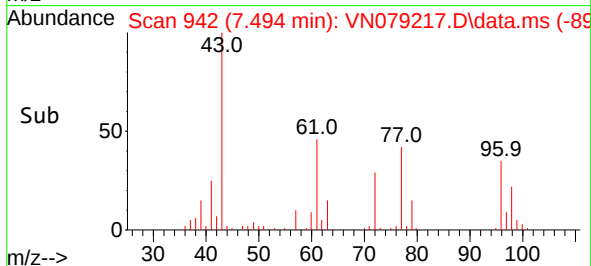
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 39160
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 255.2
 98 64.3 0.0 128.8

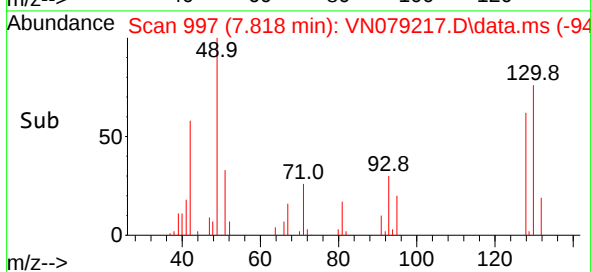
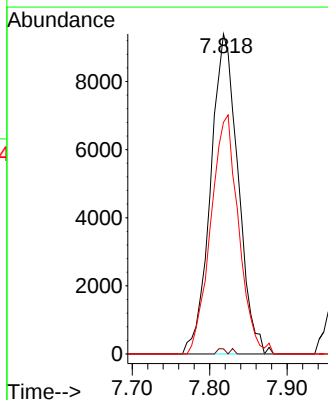
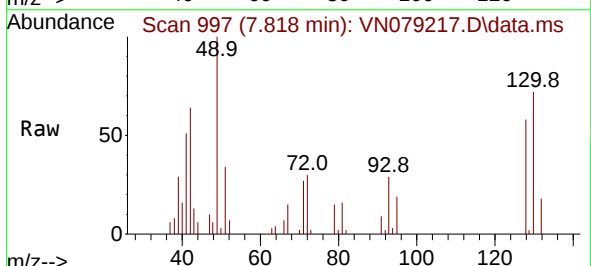
Manual Integrations
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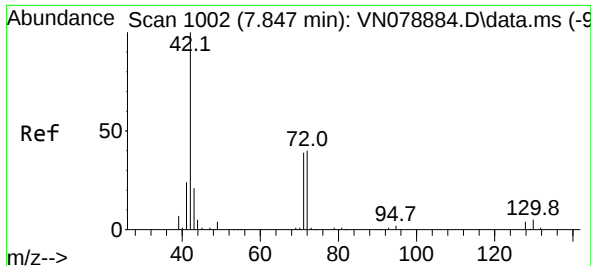
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 17.750 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079217.D
 Acq: 11 Sep 2023 14:19

Tgt Ion: 49 Resp: 23151
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 75.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 111.606 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 74058

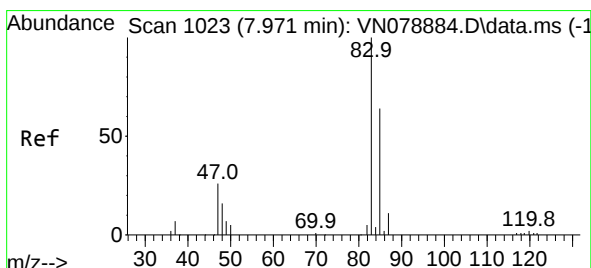
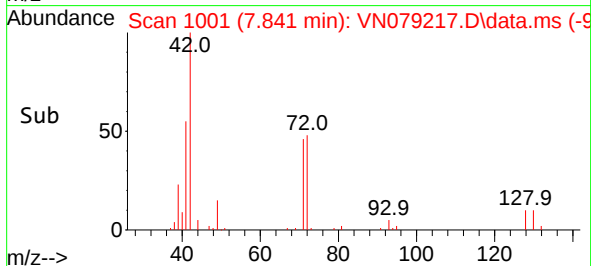
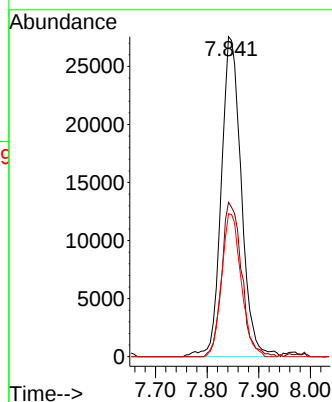
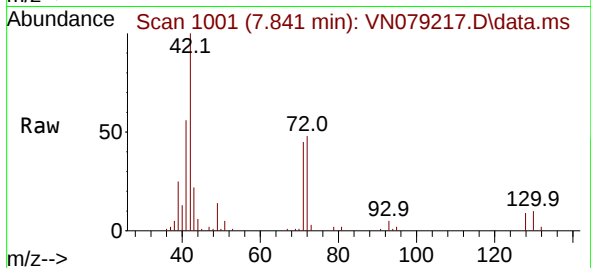
Ion	Ratio	Lower	Upper
42	100		
72	47.9	49.8	74.6
71	43.8	47.4	71.2

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Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 21.523 ug/l

RT: 7.971 min Scan# 1023

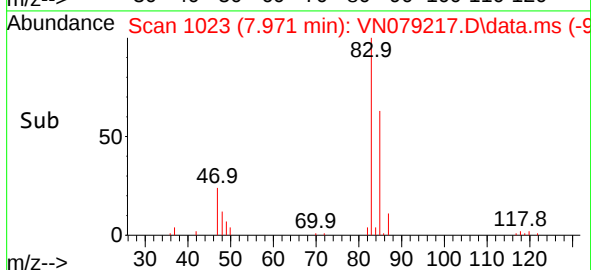
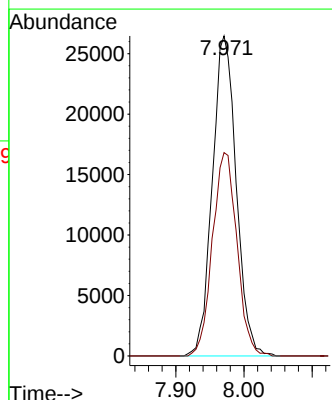
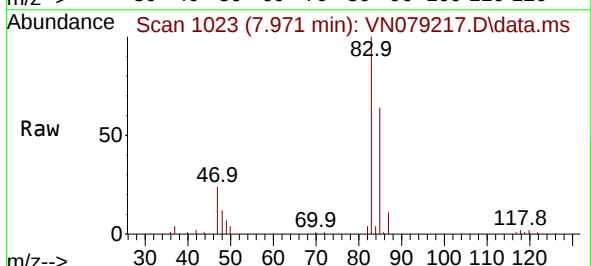
Delta R.T. -0.006 min

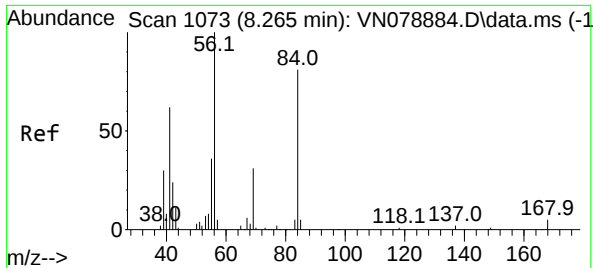
Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion: 83 Resp: 64643

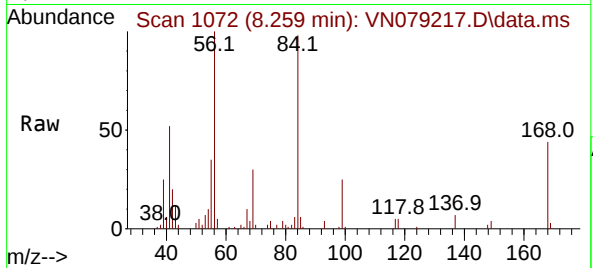
Ion	Ratio	Lower	Upper
83	100		
85	63.5	55.4	83.0





#31
Cyclohexane
Concen: 21.081 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

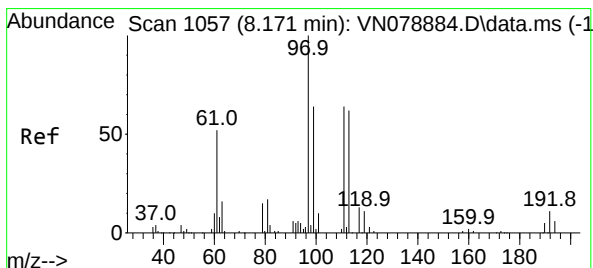
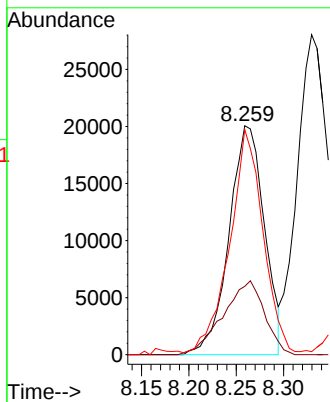
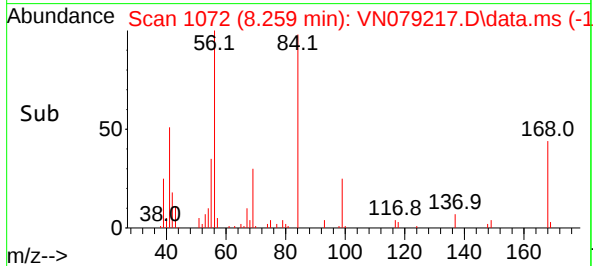
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



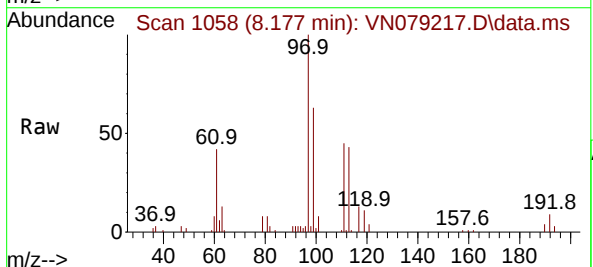
Tgt Ion: 56 Resp: 5208
Ion Ratio Lower Upper
56 100
69 29.9 26.8 40.2
84 96.7 81.8 122.6

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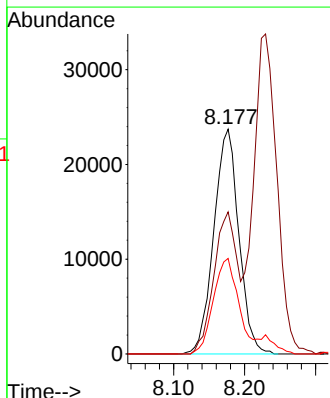
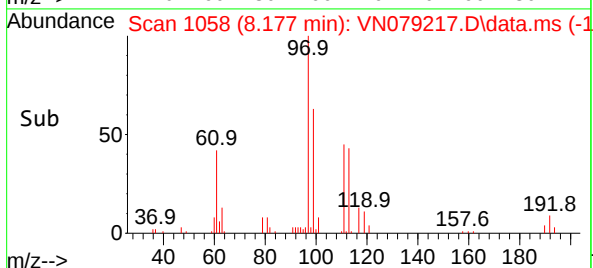
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

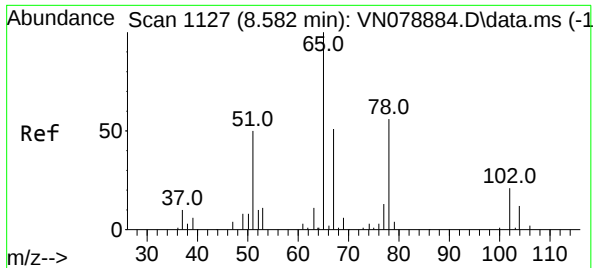


#32
1,1,1-Trichloroethane
Concen: 22.644 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19



Tgt Ion: 97 Resp: 57972
Ion Ratio Lower Upper
97 100
99 58.4 50.3 75.5
61 42.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 17.810 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 3013

Ion Ratio Lower Upper

65 100

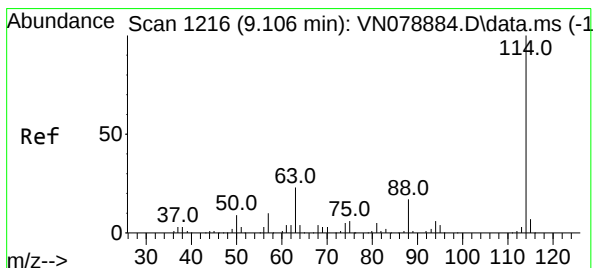
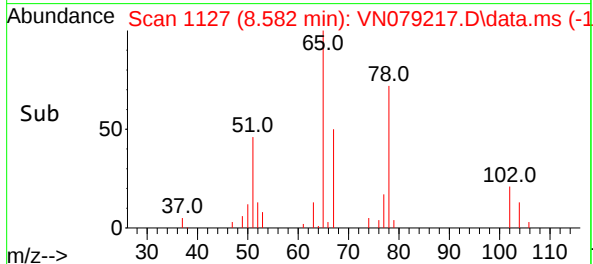
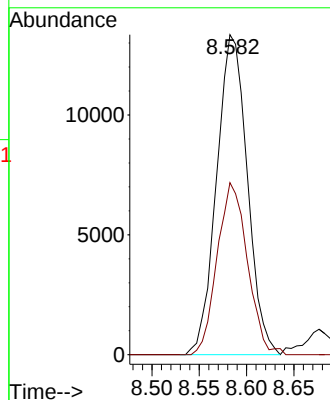
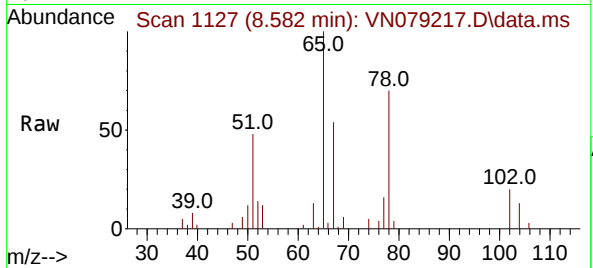
67 52.8 0.0 106.6

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

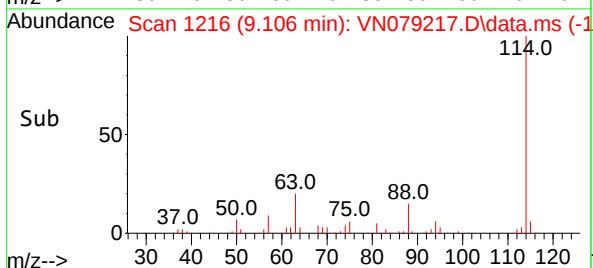
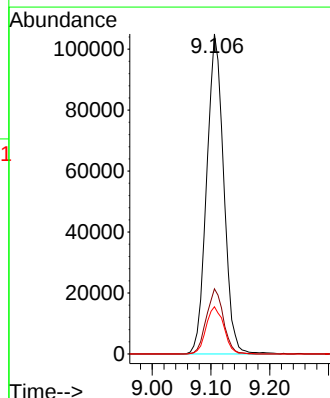
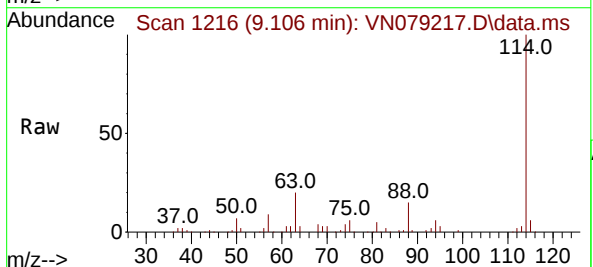
Tgt Ion:114 Resp: 210547

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 17.964 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

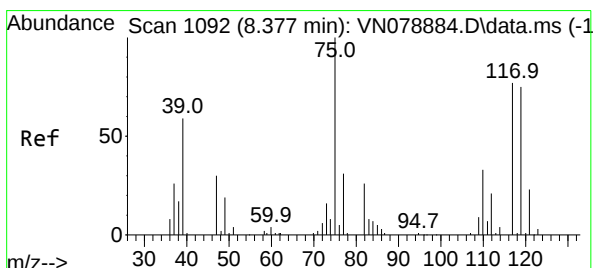
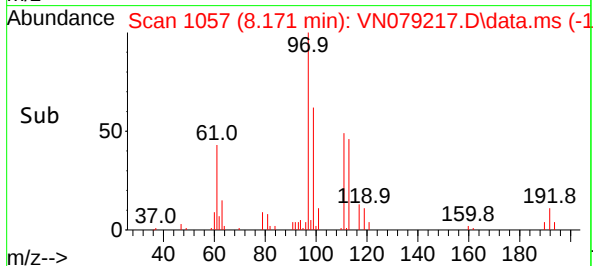
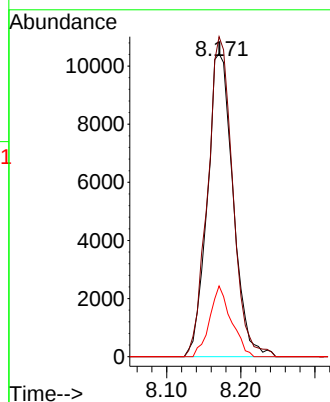
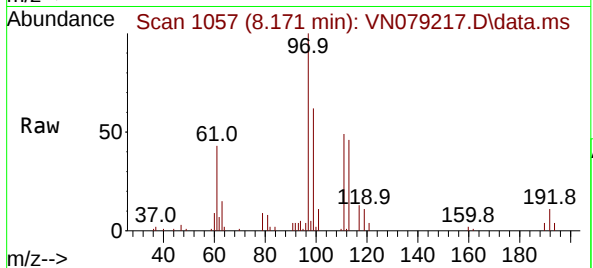
Tgt Ion:	113	Resp:	2515
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.5	12.7	19.1

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#36

1,1-Dichloropropene

Concen: 21.953 ug/l

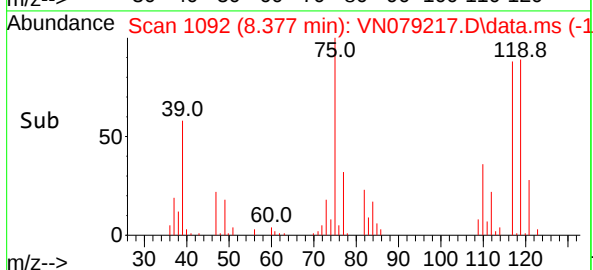
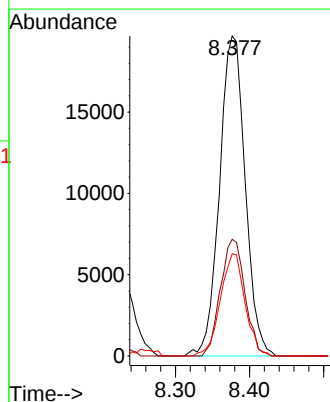
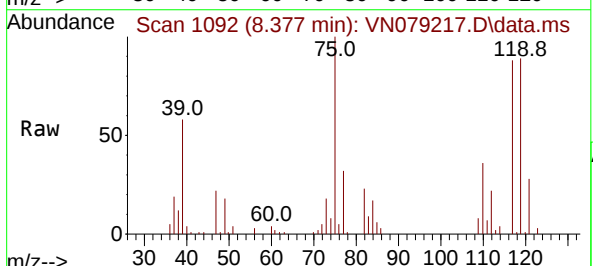
RT: 8.377 min Scan# 1092

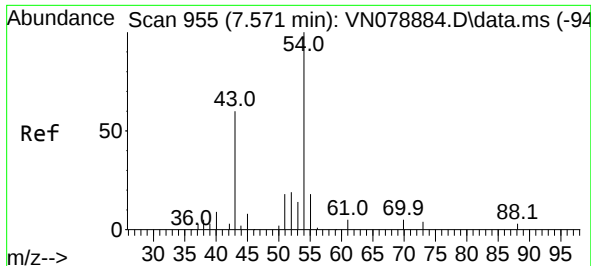
Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion:	75	Resp:	47391
Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 23.409 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 4971

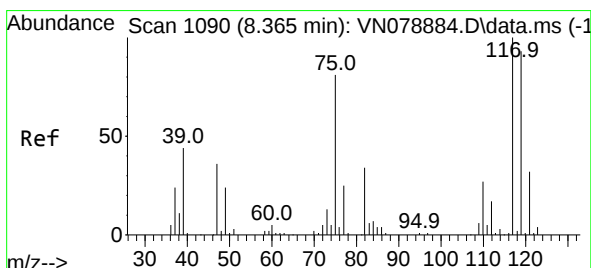
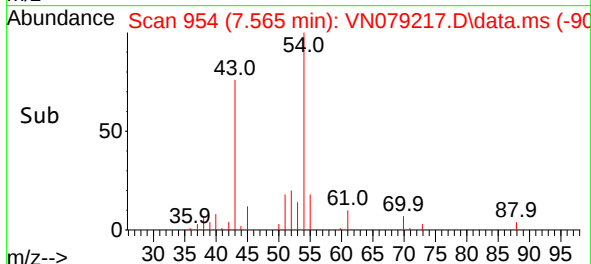
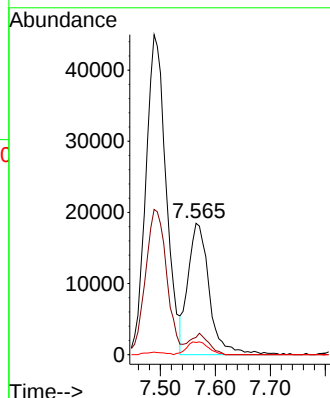
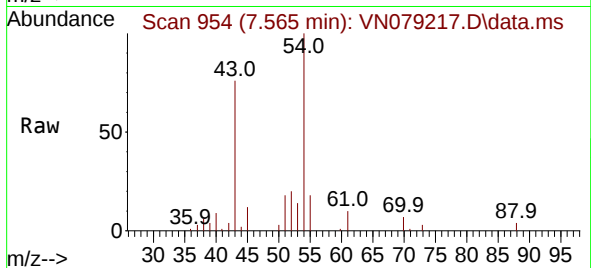
Ion	Ratio	Lower	Upper
43	100		
61	14.2	13.2	19.8
70	9.9	11.3	16.9

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Supervised By :Mahesh Dadoda 09/12/2023



#38

Carbon Tetrachloride

Concen: 21.908 ug/l

RT: 8.365 min Scan# 1090

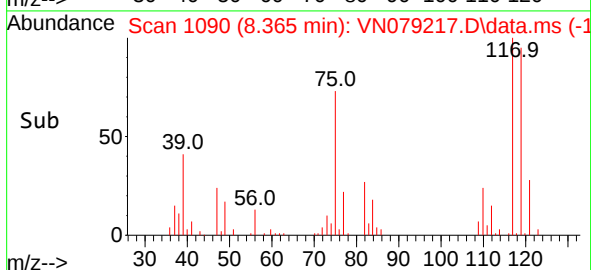
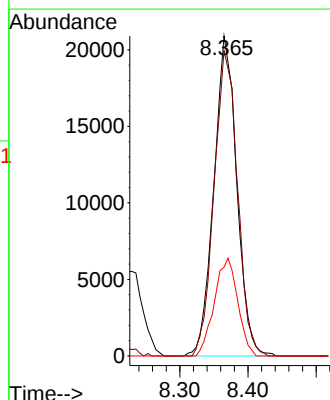
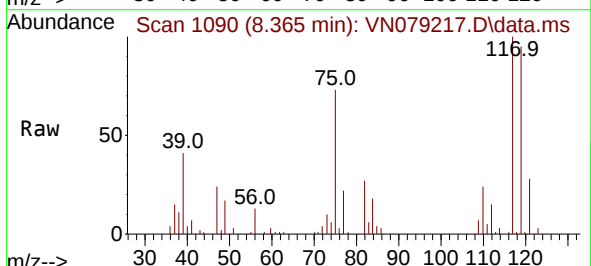
Delta R.T. -0.006 min

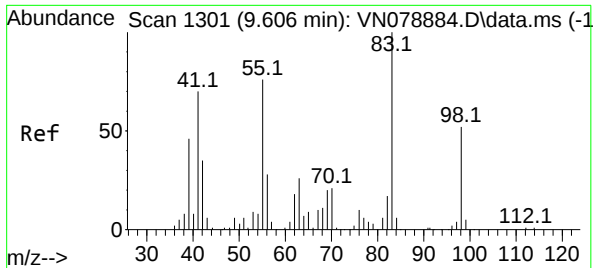
Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion:117 Resp: 48941

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
121	27.7	23.3	34.9





#39

Methylcyclohexane

Concen: 22.110 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 4708

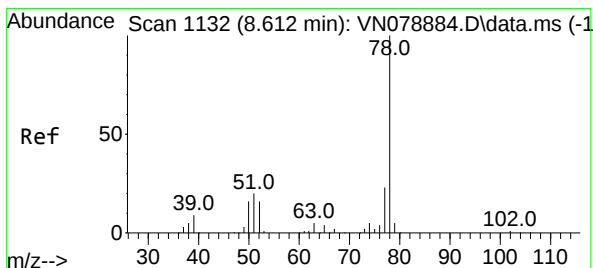
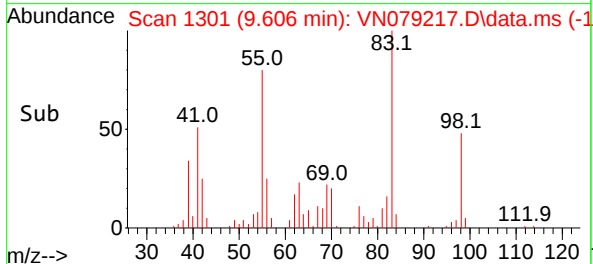
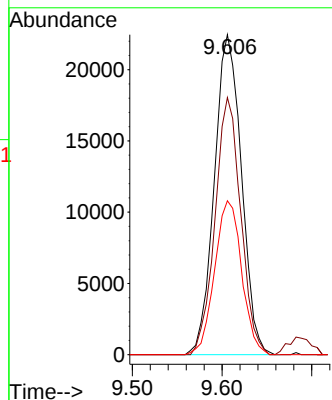
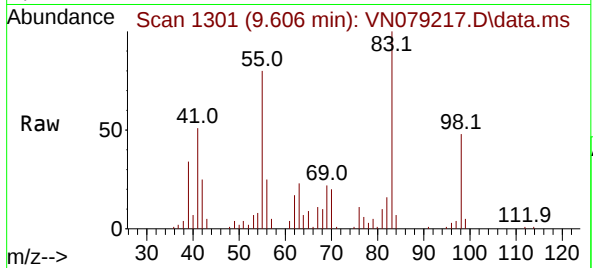
Ion	Ratio	Lower	Upper
83	100		
55	80.3	49.1	73.7
98	48.1	40.6	61.0

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Supervised By :Mahesh Dadoda 09/12/2023



#40

Benzene

Concen: 21.938 ug/l

RT: 8.612 min Scan# 1132

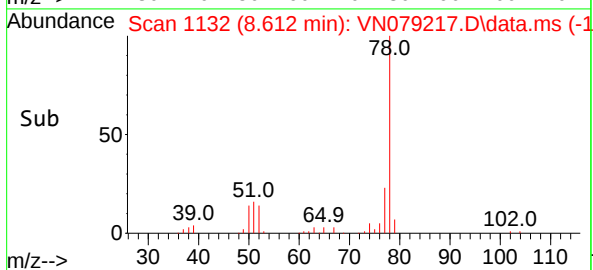
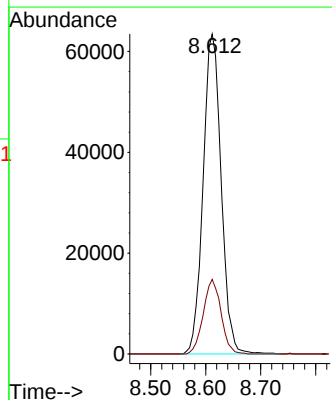
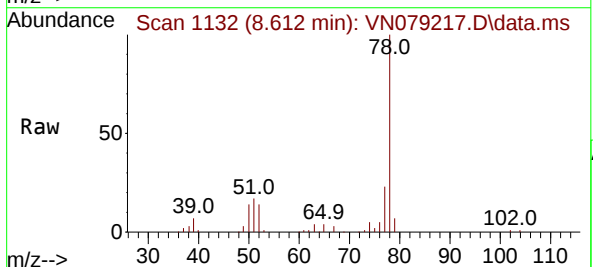
Delta R.T. -0.000 min

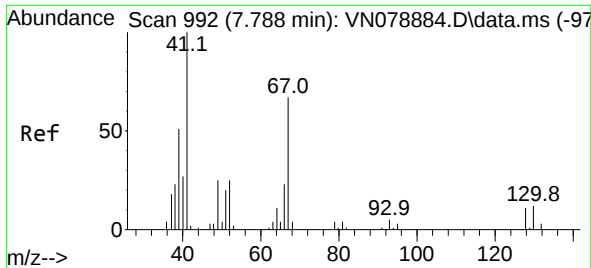
Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion: 78 Resp: 144974

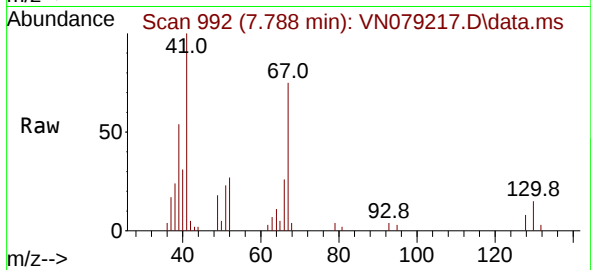
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 21.661 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

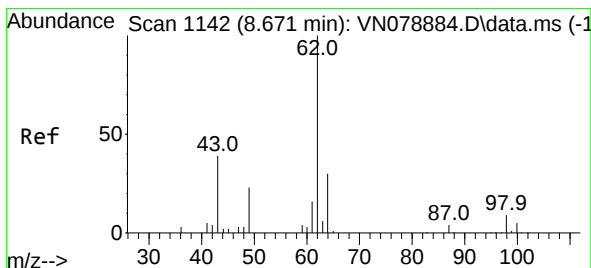
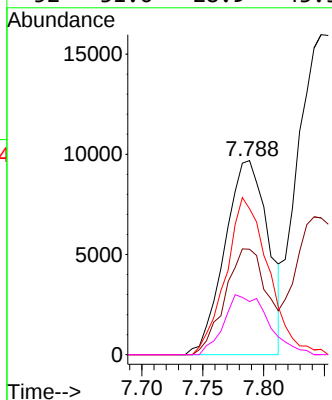
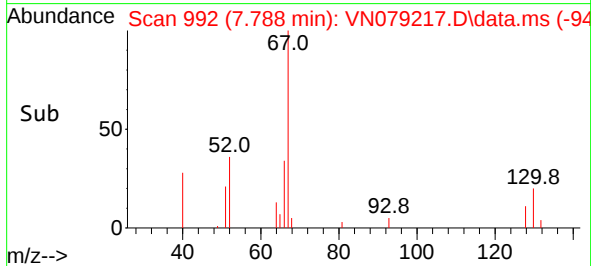
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



Tgt Ion: 41	Resp: 2410
Ion Ratio	Lower Upper
41	100
39	53.1 42.6 64.0
67	79.1 77.5 116.3
52	31.6 28.9 43.3

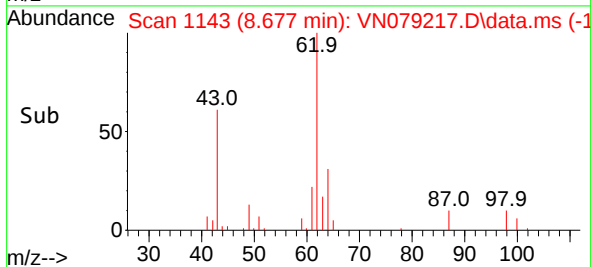
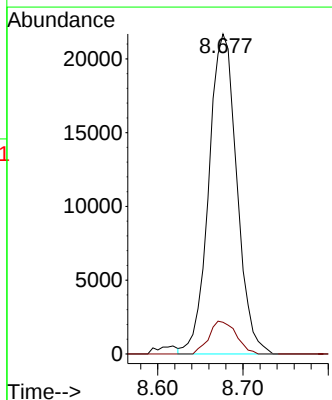
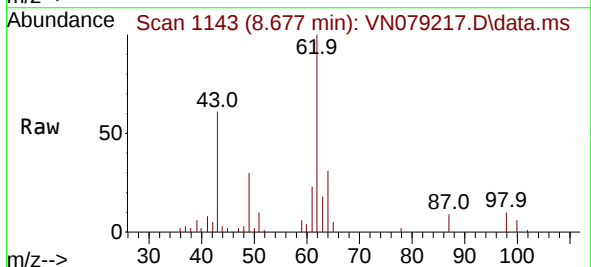
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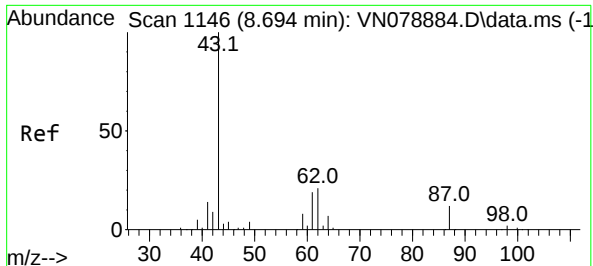
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 21.762 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion: 62	Resp: 49510
Ion Ratio	Lower Upper
62	100
98	9.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.297 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

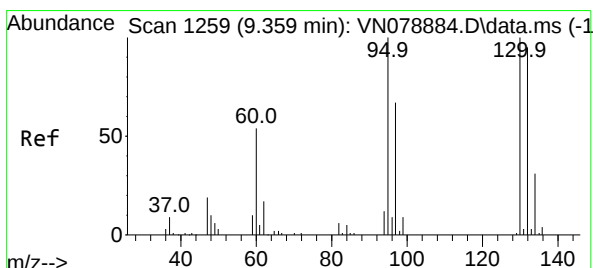
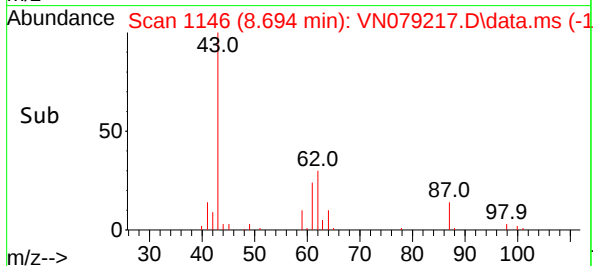
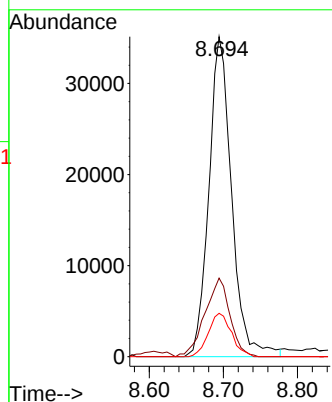
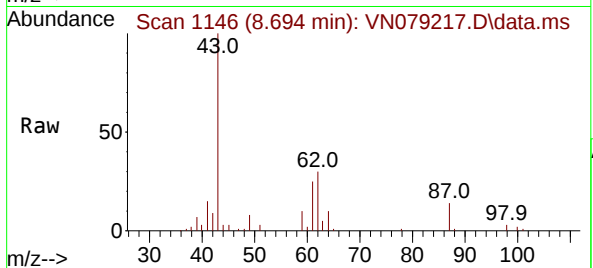
Tgt Ion: 43	Resp: 7482
Ion Ratio	Lower Upper
43	100
61	27.0 24.7 37.1
87	13.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Trichloroethene

Concen: 21.514 ug/l

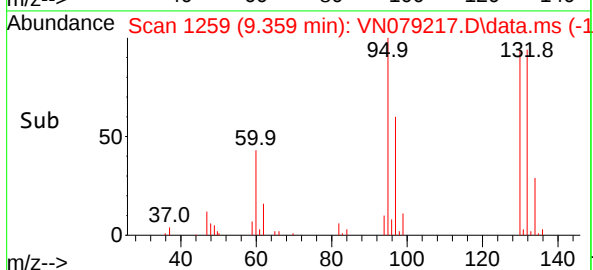
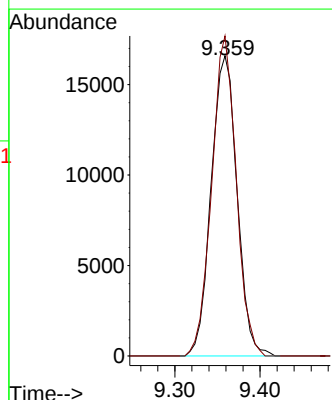
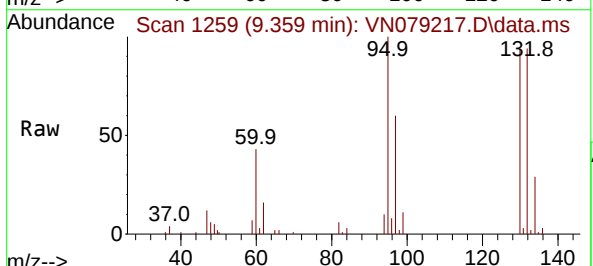
RT: 9.359 min Scan# 1259

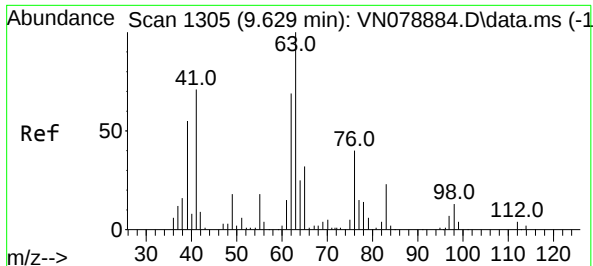
Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion:130	Resp: 35023
Ion Ratio	Lower Upper
130	100
95	106.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.881 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 3588

Ion Ratio Lower Upper

63 100

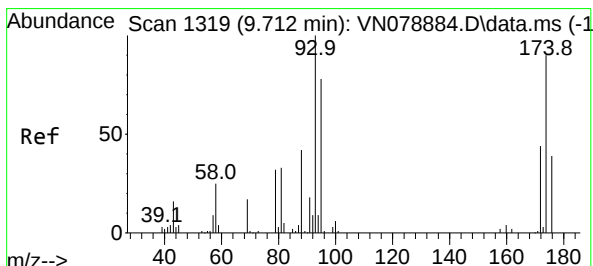
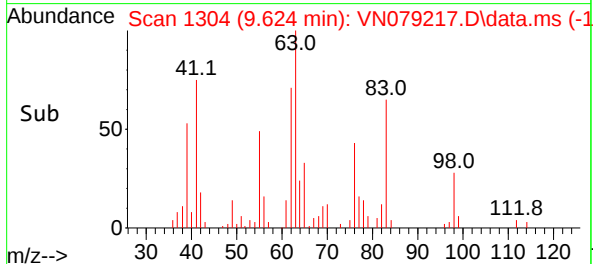
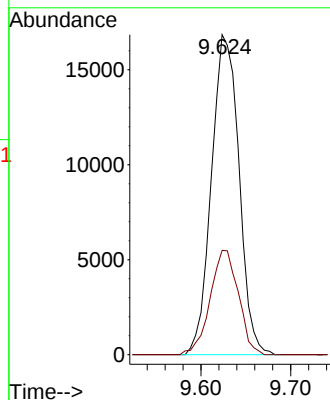
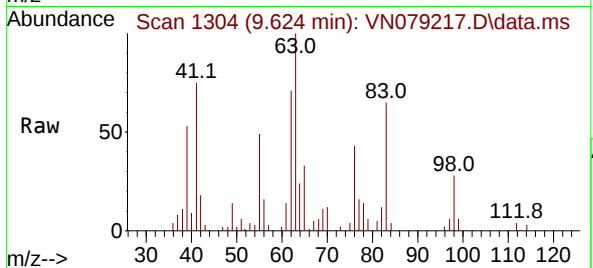
65 32.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 22.152 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

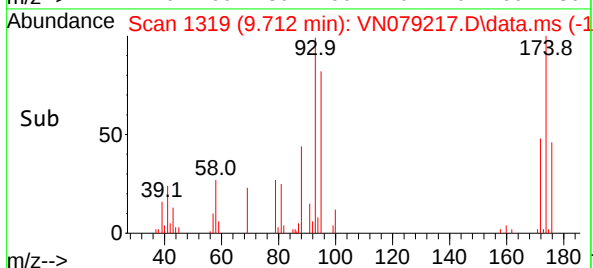
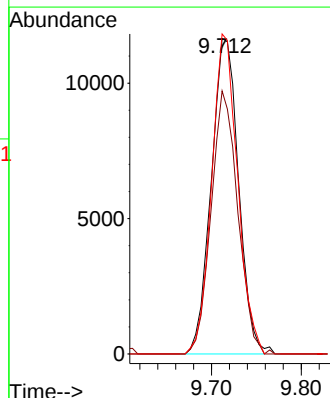
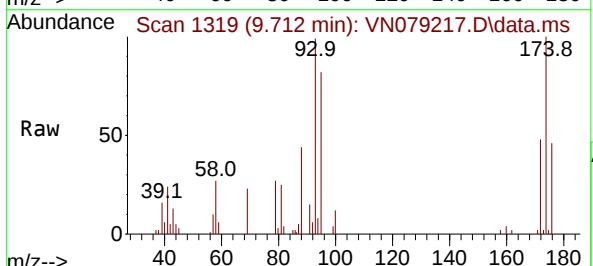
Tgt Ion: 93 Resp: 24663

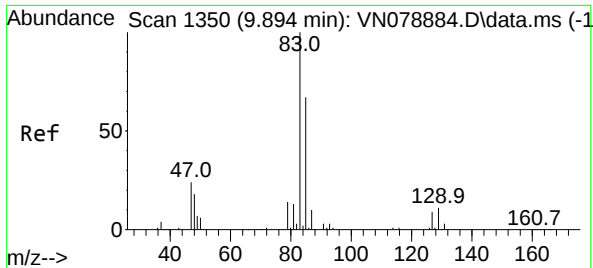
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 96.2 65.6 98.4





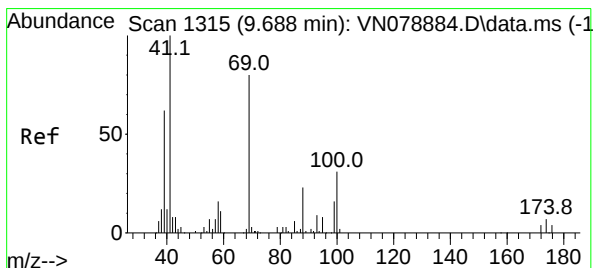
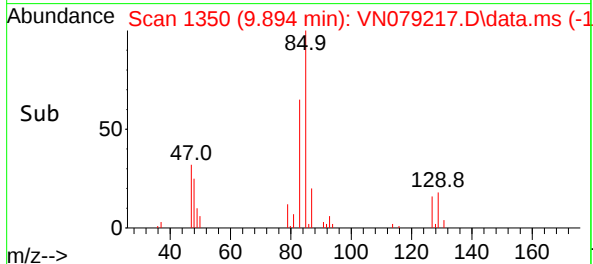
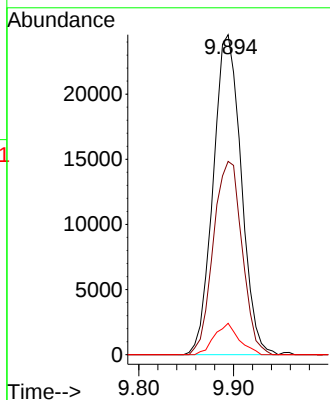
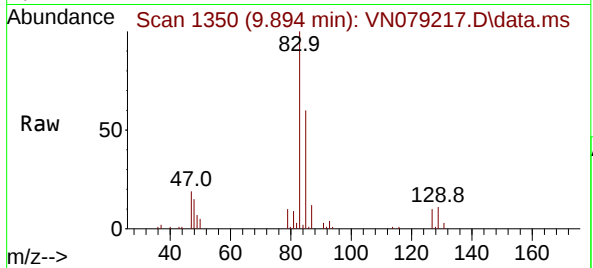
#47
Bromodichloromethane
Concen: 22.127 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 50458
Ion Ratio Lower Upper
83 100
85 60.4 49.6 74.4
127 9.8 7.0 10.6

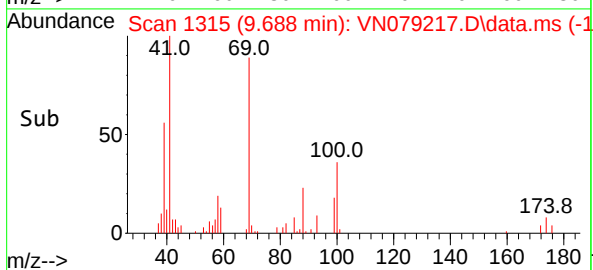
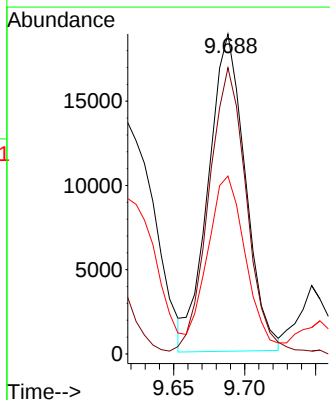
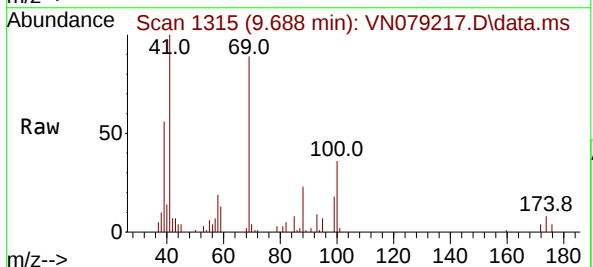
Manual Integrations
APPROVED

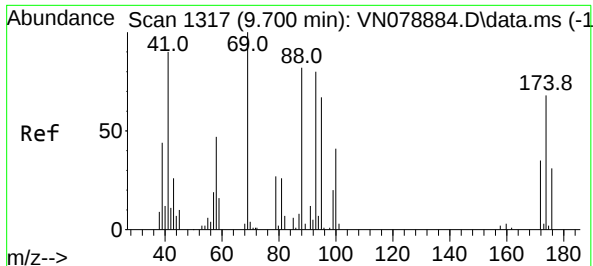
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 21.710 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion: 41 Resp: 34165
Ion Ratio Lower Upper
41 100
69 93.1 90.4 135.6
39 58.4 54.6 81.8





#49

1,4-Dioxane

Concen: 440.904 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 1427

Ion Ratio Lower Upper

88 100

43 27.4 17.0 25.6

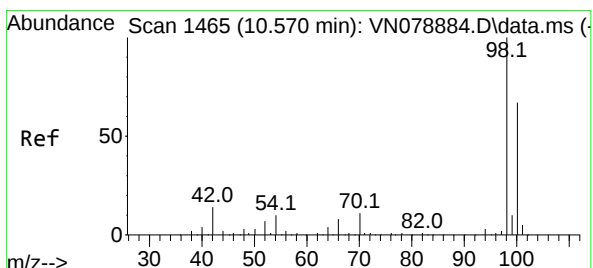
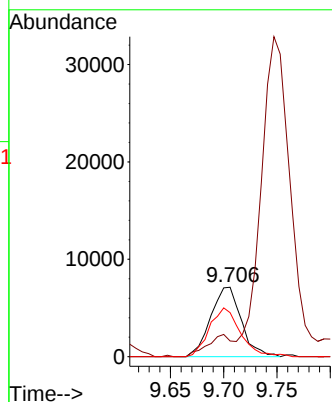
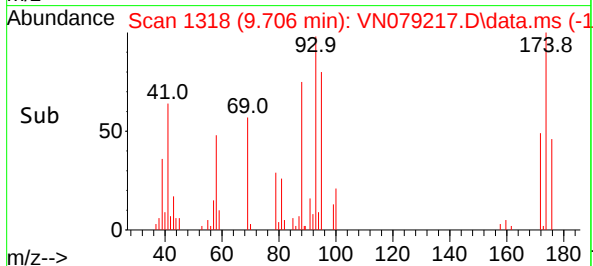
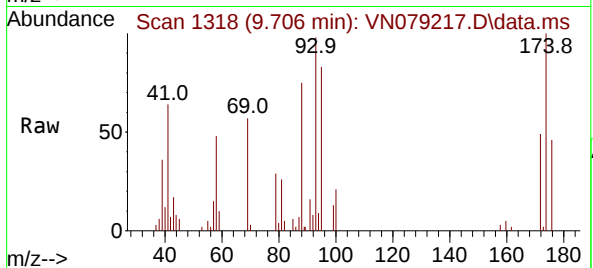
58 71.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 17.835 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079217.D

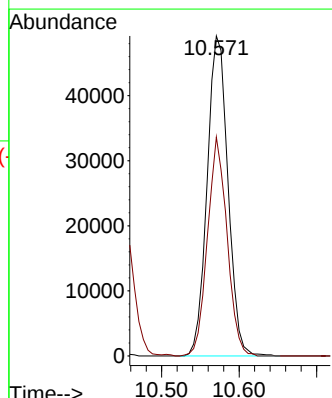
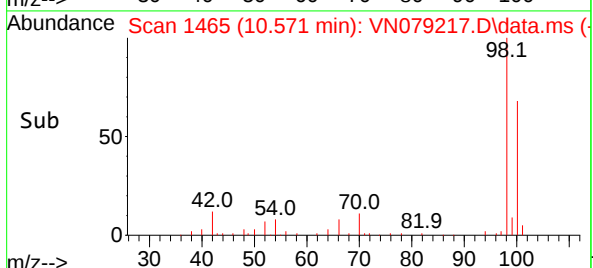
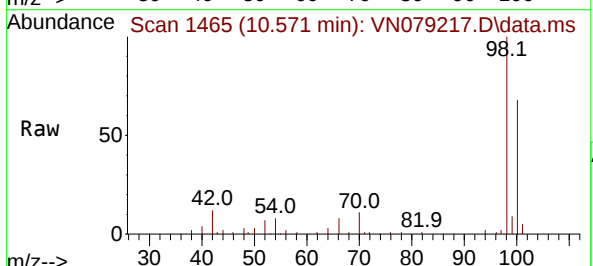
Acq: 11 Sep 2023 14:19

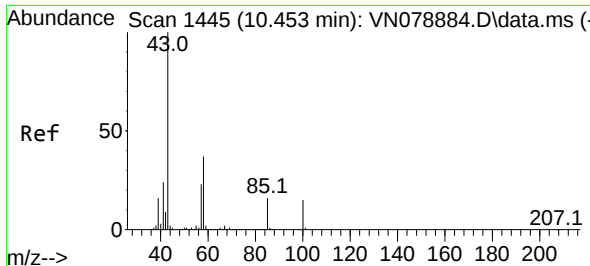
Tgt Ion: 98 Resp: 91718

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





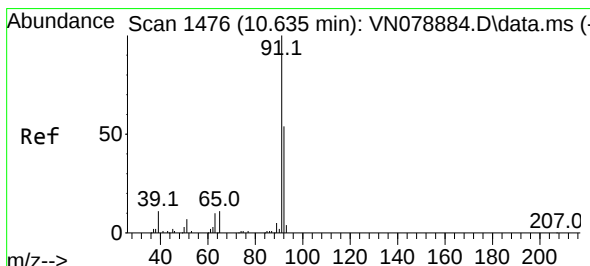
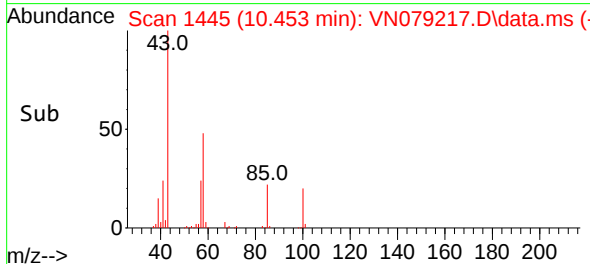
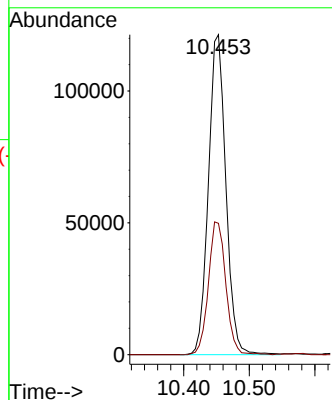
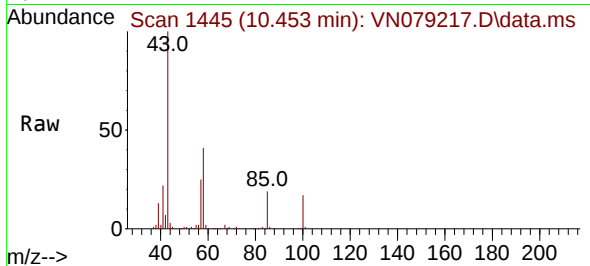
#51
4-Methyl-2-Pentanone
Concen: 110.135 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 224614
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

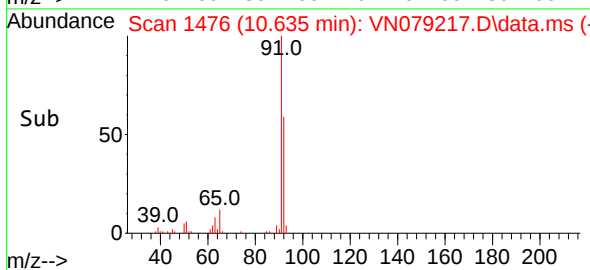
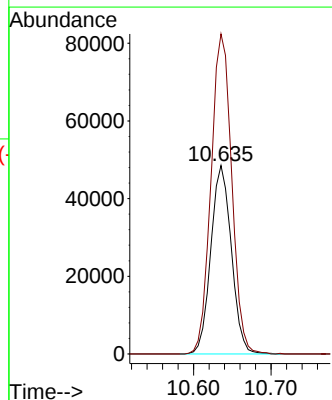
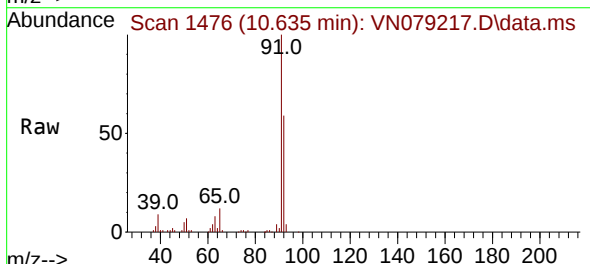
Manual Integrations
APPROVED

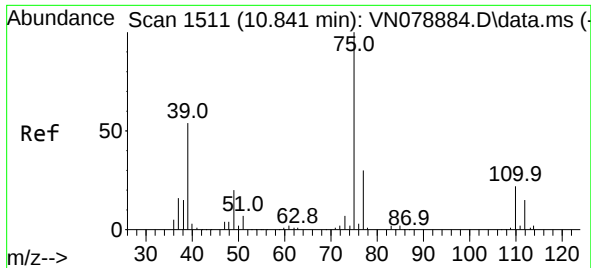
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 21.960 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

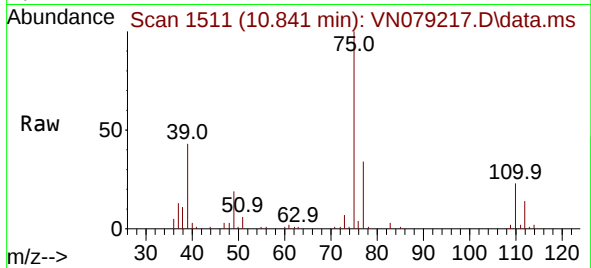
Tgt Ion: 92 Resp: 89185
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 21.767 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

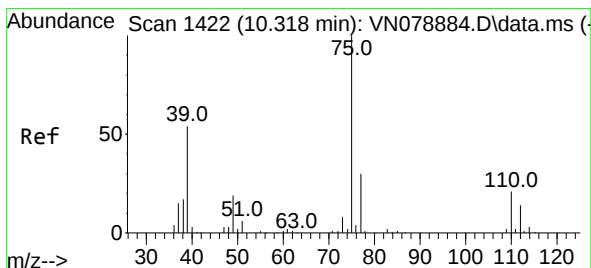
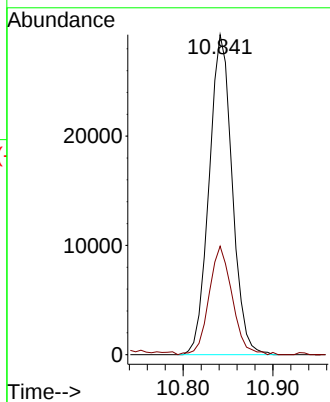
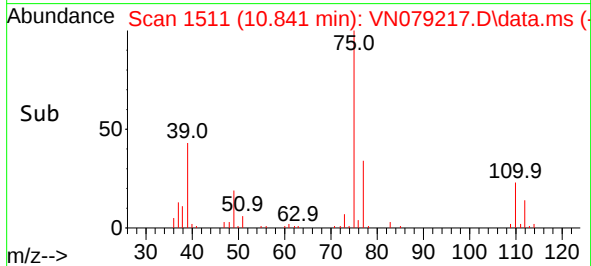
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



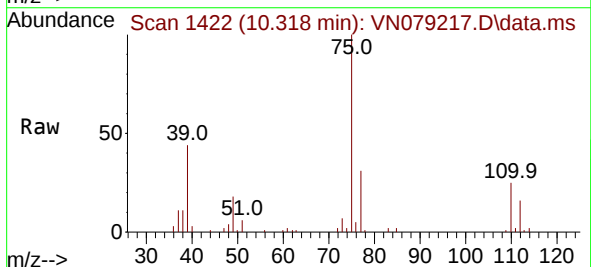
Tgt Ion: 75 Resp: 52338
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0

Manual Integrations
APPROVED

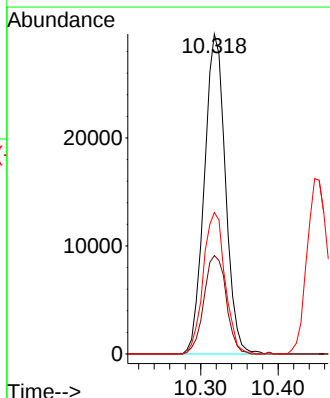
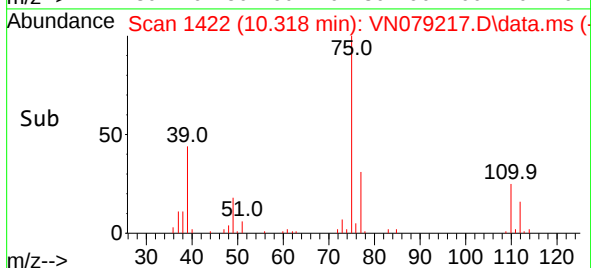
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

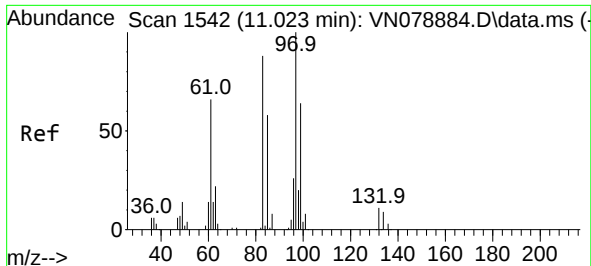


#54
cis-1,3-Dichloropropene
Concen: 21.792 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19



Tgt Ion: 75 Resp: 56045
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 44.2 31.6 47.4





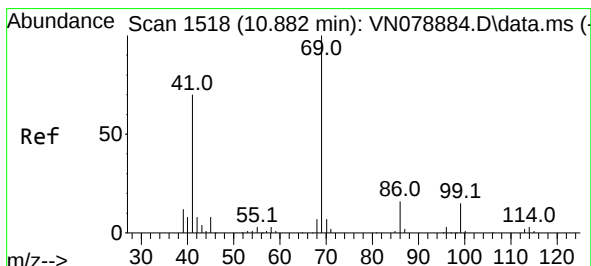
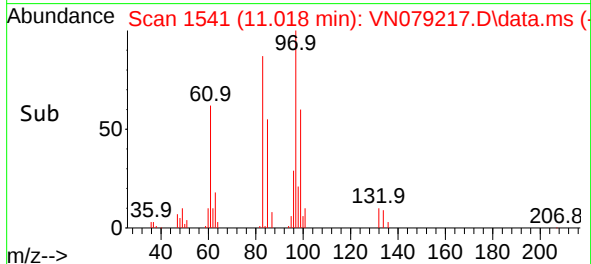
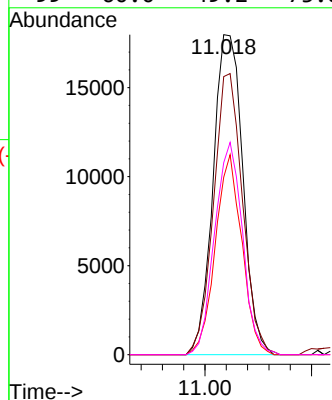
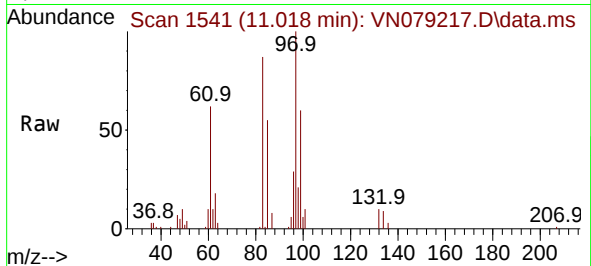
#55
1,1,2-Trichloroethane
Concen: 21.832 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 3479
Ion Ratio	Lower Upper
97 100	
83 86.9	65.1 97.7
85 55.5	43.4 65.2
99 60.0	49.2 73.8

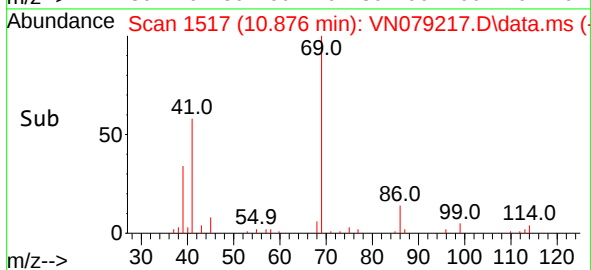
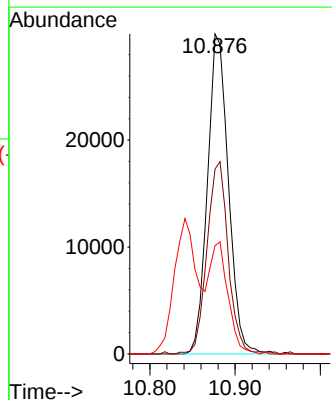
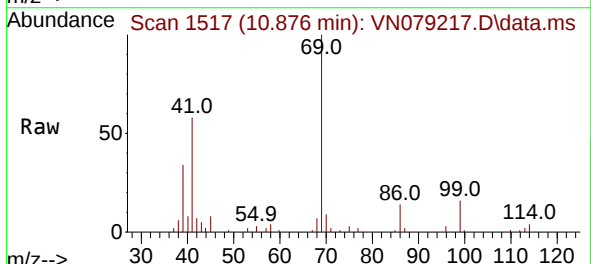
Manual Integrations
APPROVED

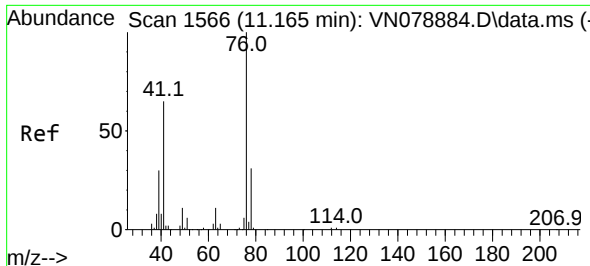
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
Ethyl methacrylate
Concen: 22.763 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

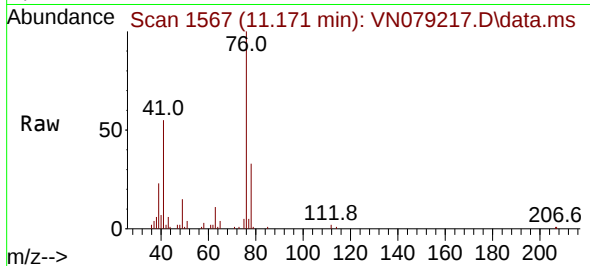
Tgt Ion: 69	Resp: 51206
Ion Ratio	Lower Upper
69 100	
41 61.1	39.6 59.4
39 30.5	28.6 43.0





#57
1,3-Dichloropropane
Concen: 21.544 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

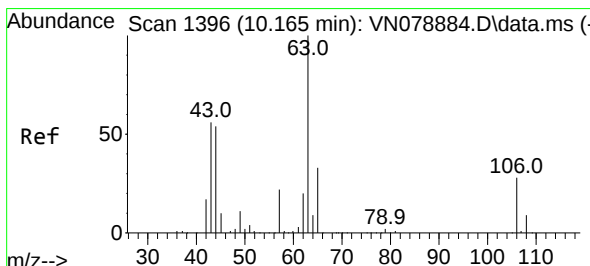
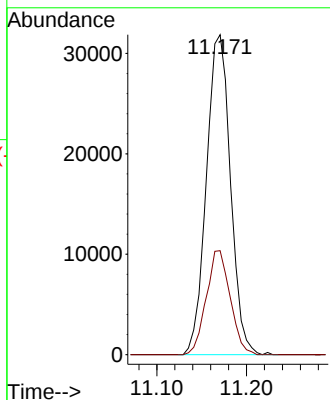
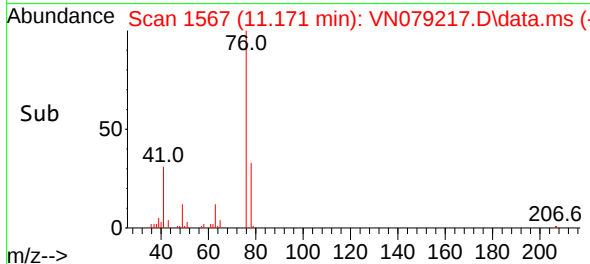
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 59349
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

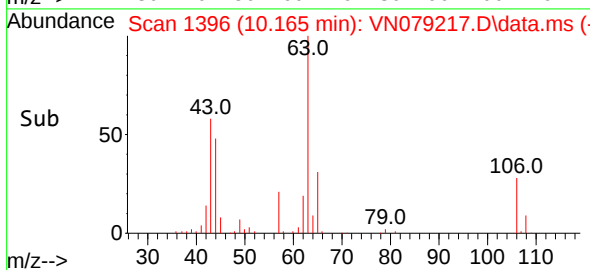
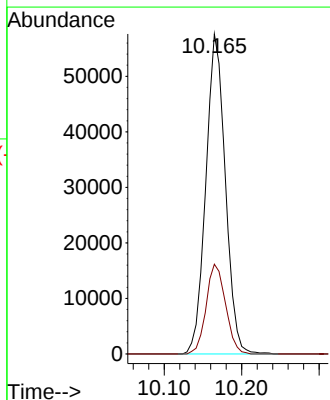
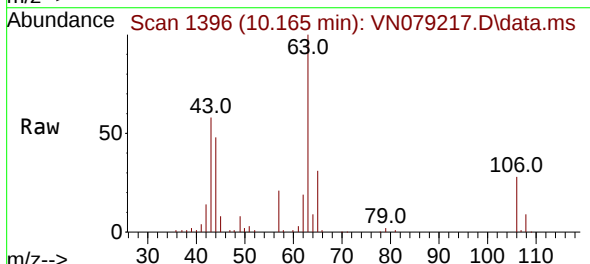
Manual Integrations
APPROVED

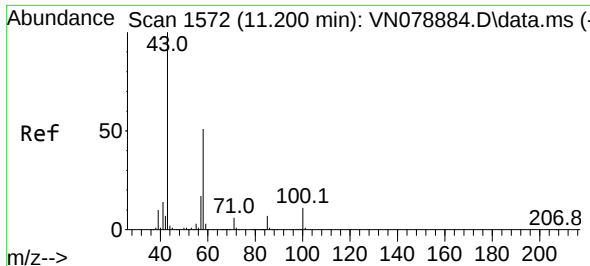
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 113.311 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

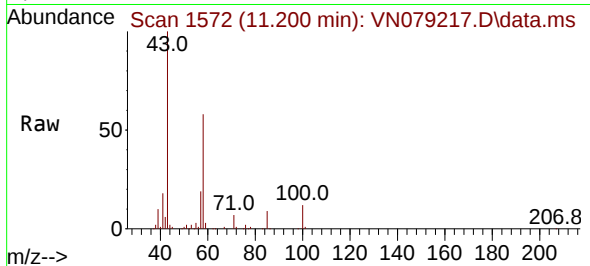
Tgt Ion: 63 Resp: 100638
Ion Ratio Lower Upper
63 100
106 27.8 26.2 39.4





#59
2-Hexanone
Concen: 112.067 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

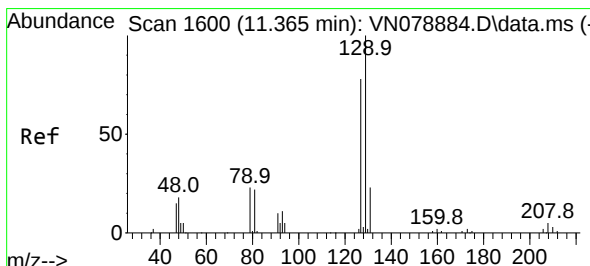
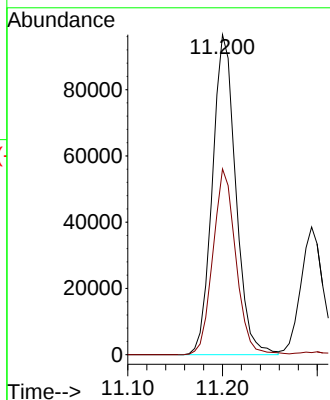
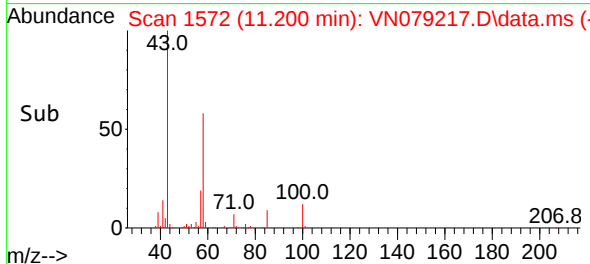
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 165539
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1

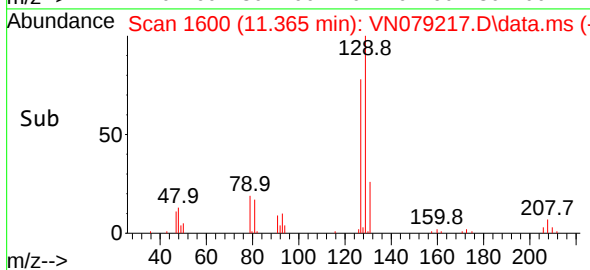
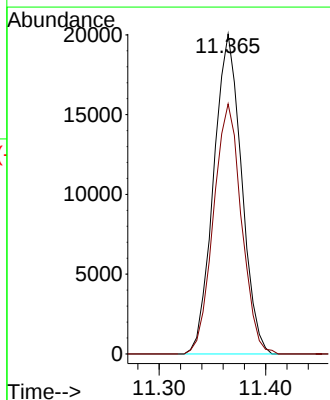
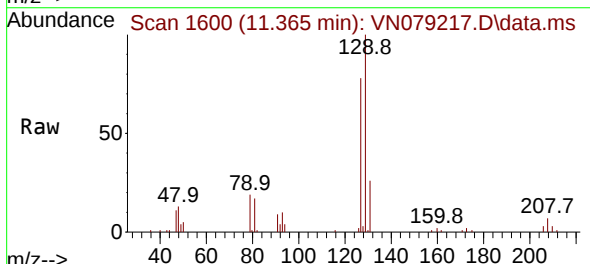
Manual Integrations
APPROVED

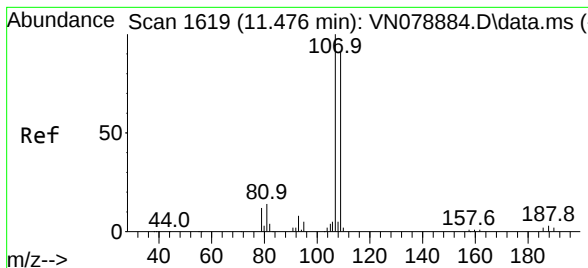
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 21.493 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion:129 Resp: 36452
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





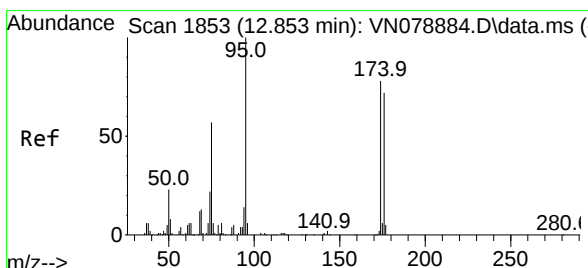
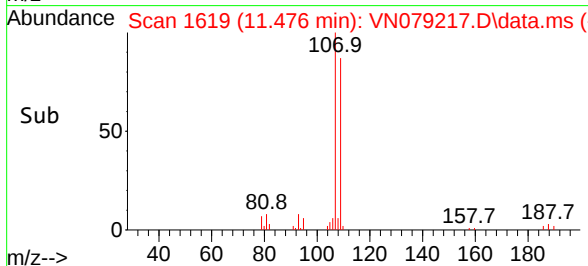
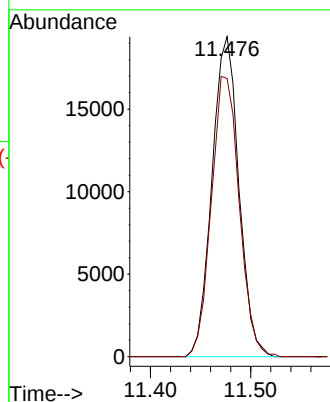
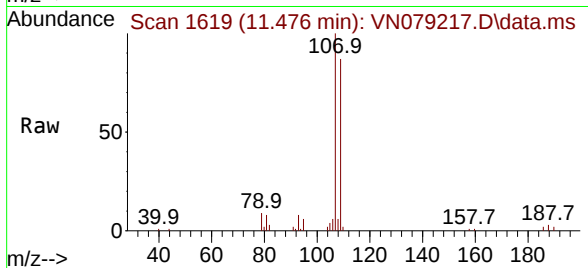
#61
1,2-Dibromoethane
Concen: 22.646 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 36014
Ion Ratio Lower Upper
107 100
109 91.0 76.6 114.8

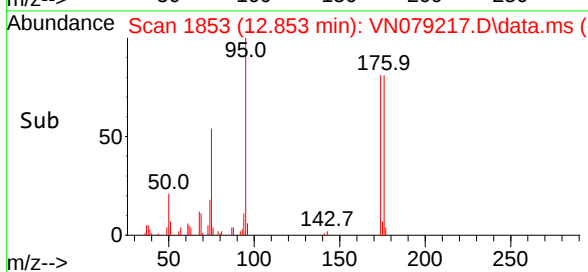
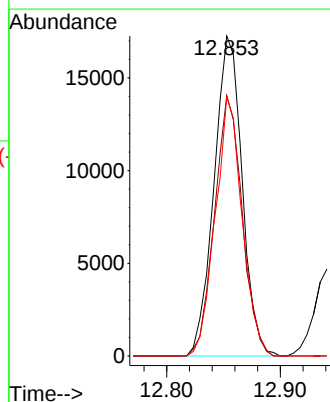
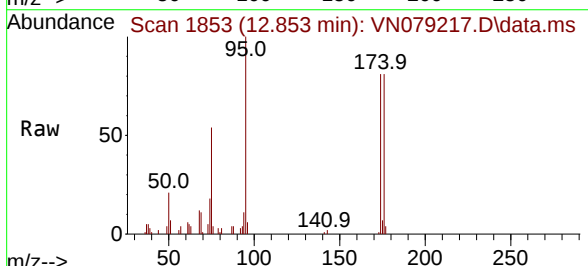
Manual Integrations
APPROVED

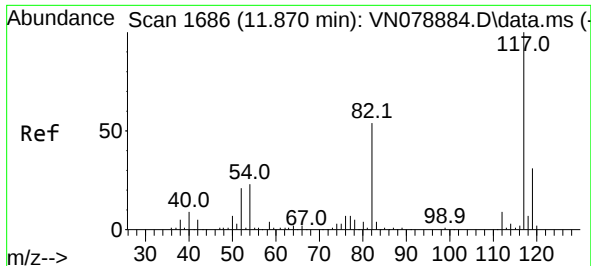
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
4-Bromofluorobenzene
Concen: 18.028 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

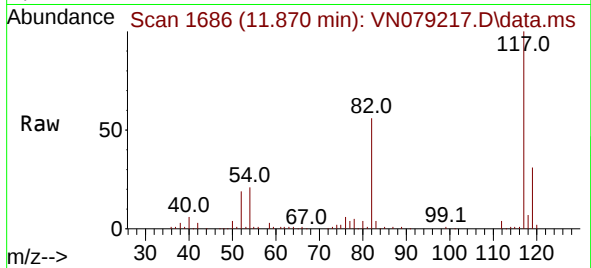
Tgt Ion: 95 Resp: 29572
Ion Ratio Lower Upper
95 100
174 80.1 0.0 143.8
176 77.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

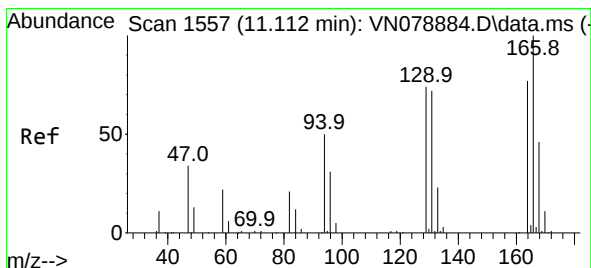
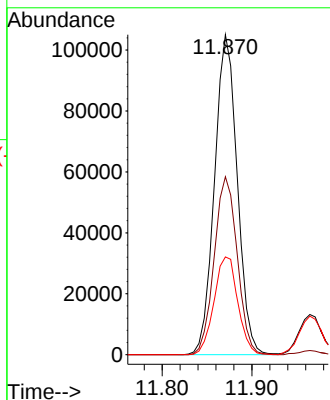
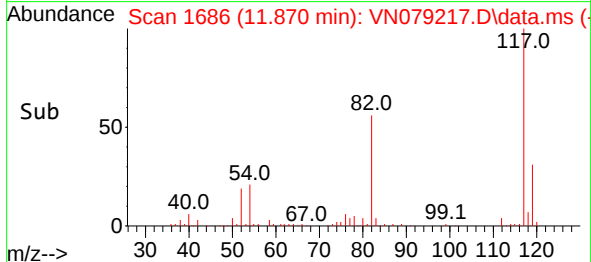
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 18483
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 30.6 25.6 38.4

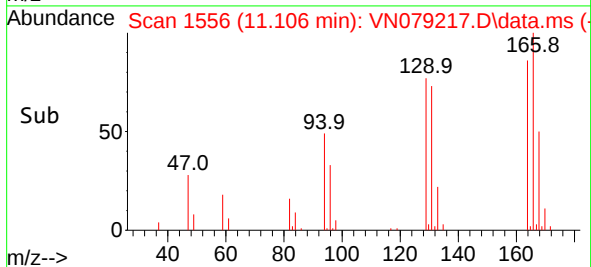
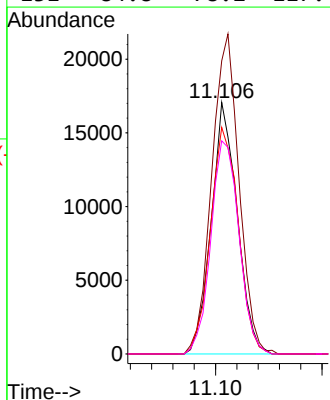
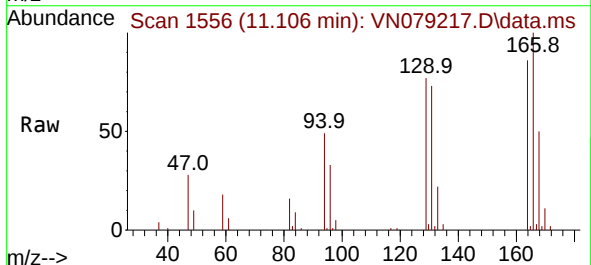
Manual Integrations
APPROVED

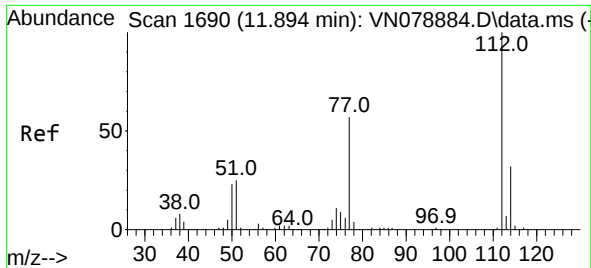
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 21.457 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion:164 Resp: 28919
Ion Ratio Lower Upper
164 100
166 116.5 101.4 152.0
129 90.1 82.4 123.6
131 84.8 78.2 117.4





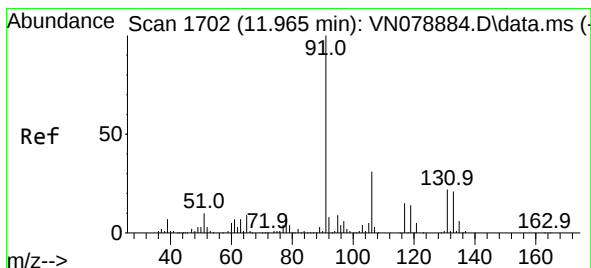
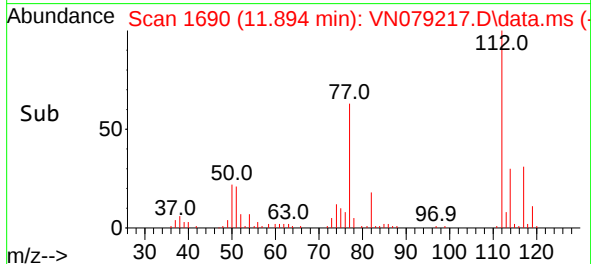
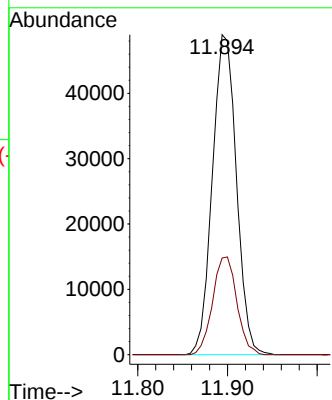
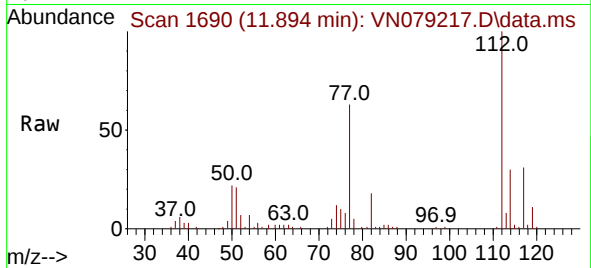
#65
Chlorobenzene
Concen: 21.749 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 91069
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

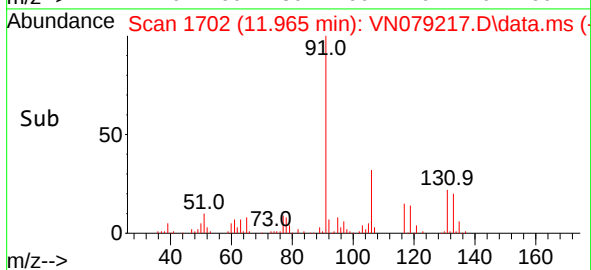
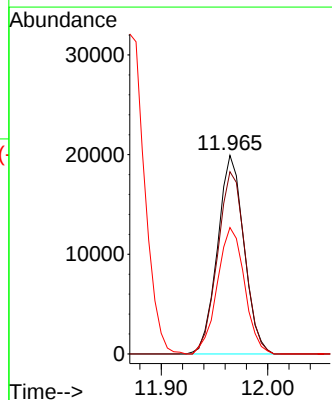
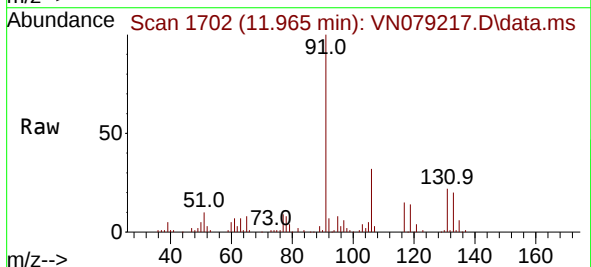
Manual Integrations
APPROVED

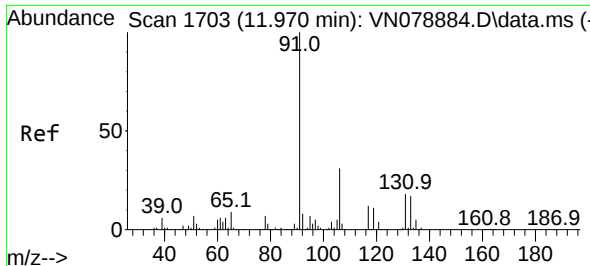
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.912 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion:131 Resp: 34405
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 22.524 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.001 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 161319

Ion Ratio Lower Upper

91 100

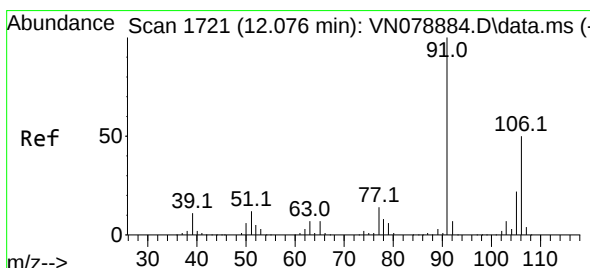
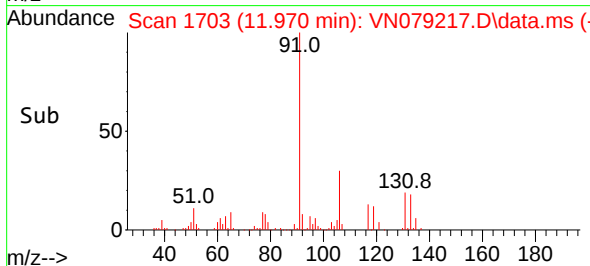
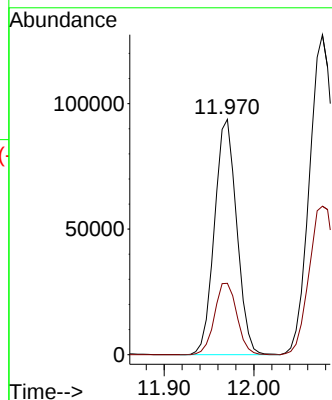
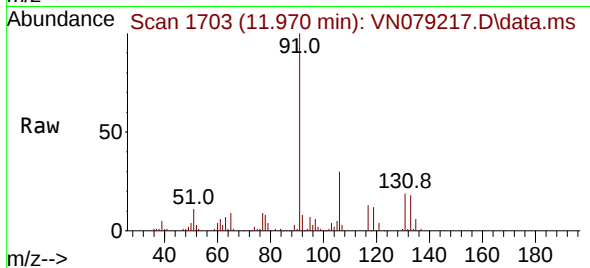
106 30.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#68

m/p-Xylenes

Concen: 45.169 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079217.D

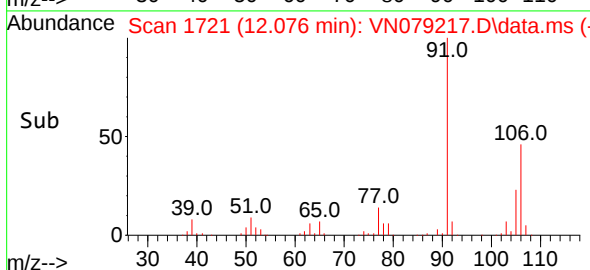
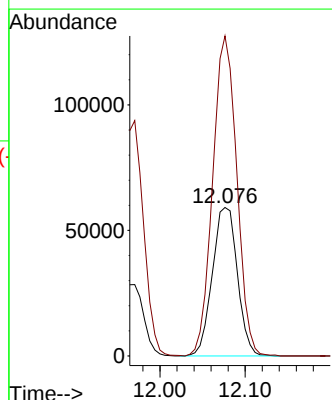
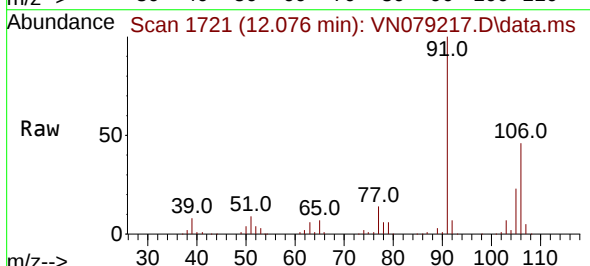
Acq: 11 Sep 2023 14:19

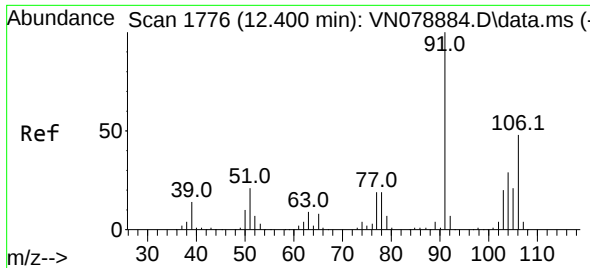
Tgt Ion:106 Resp: 120583

Ion Ratio Lower Upper

106 100

91 207.8 159.6 239.4





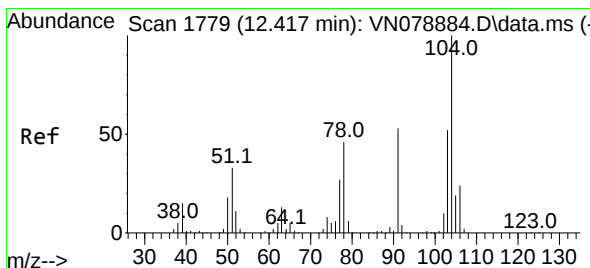
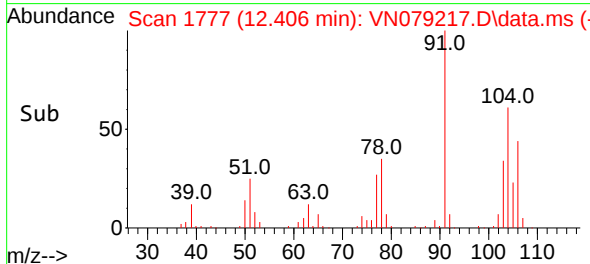
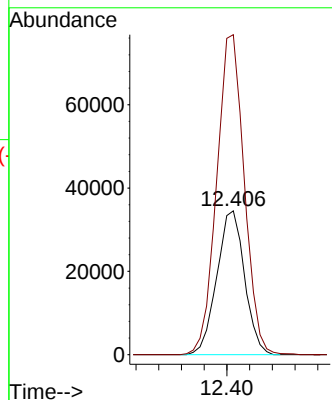
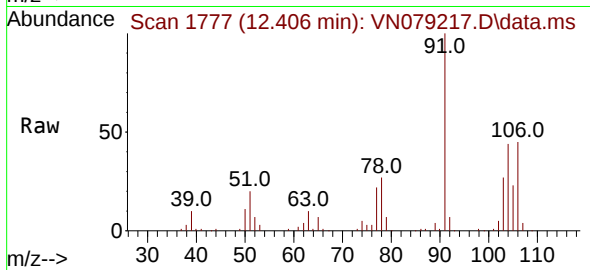
#69
o-Xylene
Concen: 22.853 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 5851
Ion Ratio Lower Upper
106 100
91 221.3 105.2 315.5

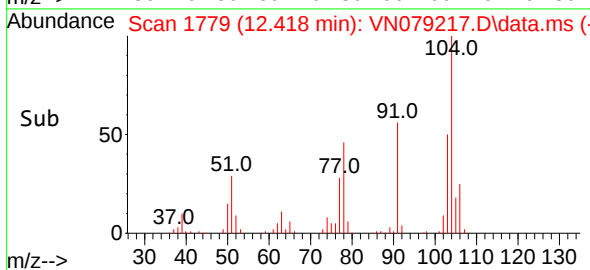
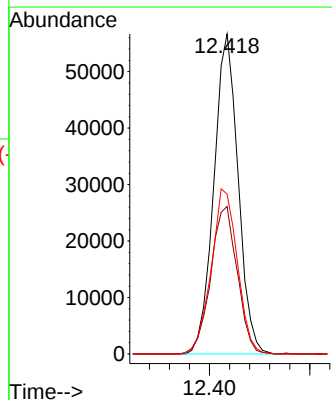
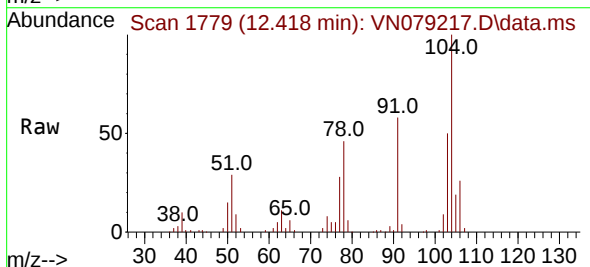
Manual Integrations
APPROVED

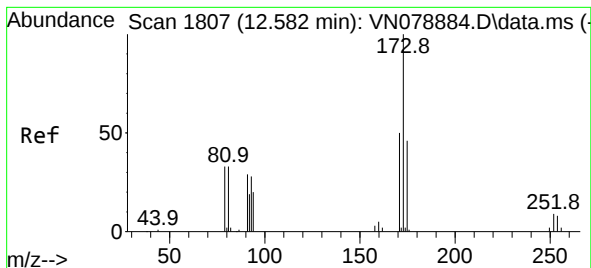
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 23.081 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion:104 Resp: 95043
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.6 43.2 64.8





#71

Bromoform

Concen: 22.540 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

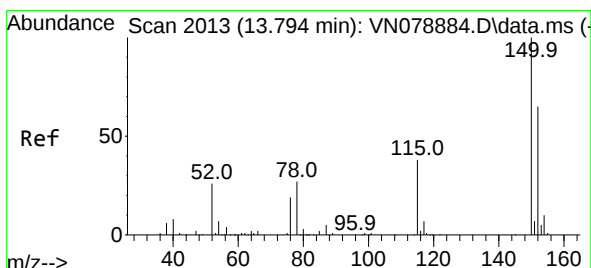
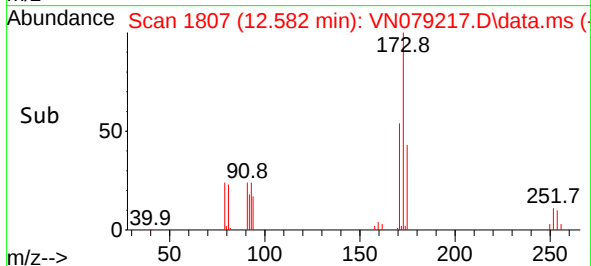
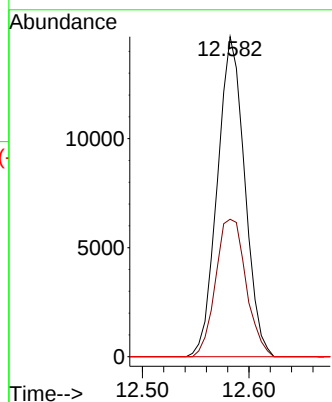
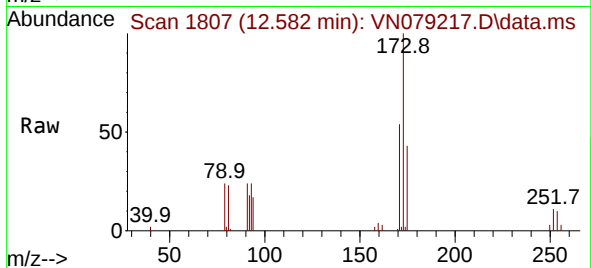
Tgt Ion:173	Resp:	2612
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.3 73.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

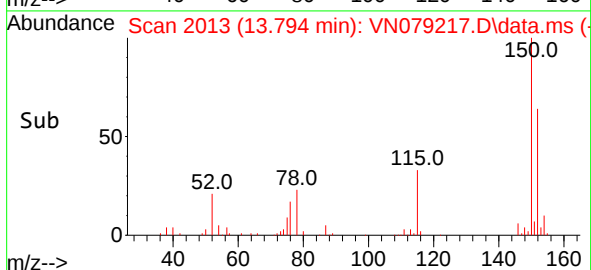
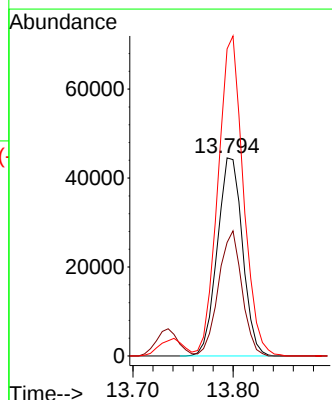
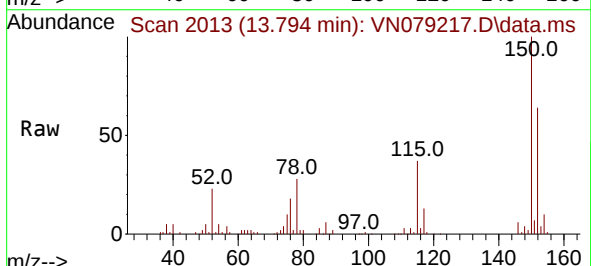
RT: 13.794 min Scan# 2013

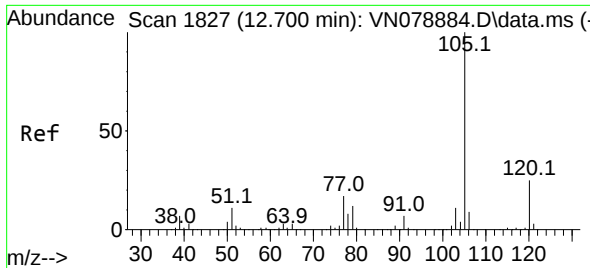
Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion:152	Resp:	77694
Ion Ratio	Lower	Upper
152	100	
115	58.8	32.3 96.8
150	162.4	0.0 355.8





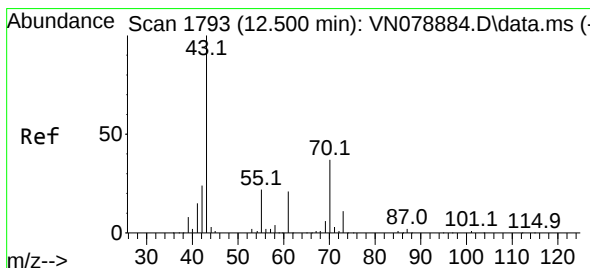
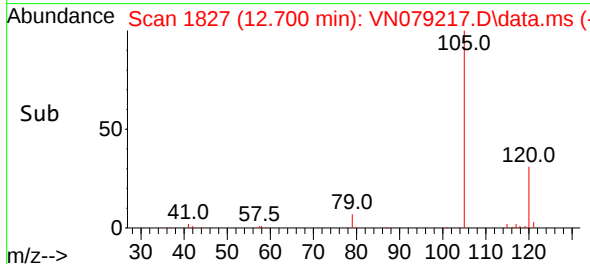
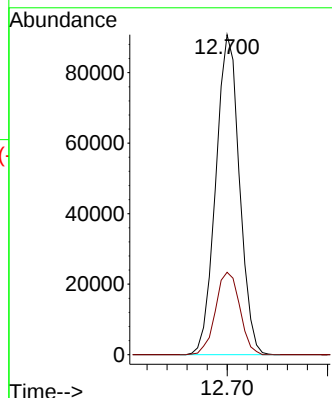
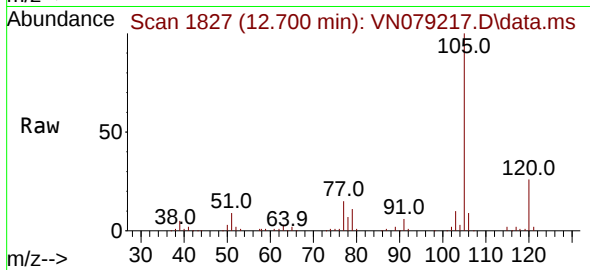
#73
Isopropylbenzene
Concen: 20.989 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 148368
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

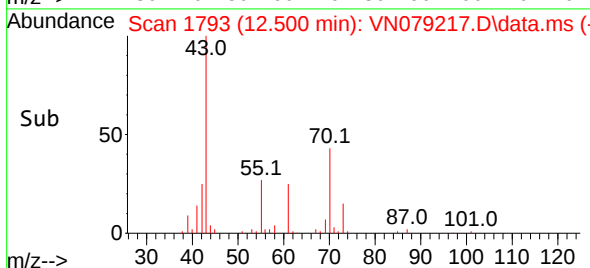
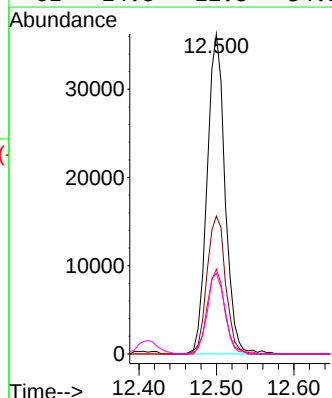
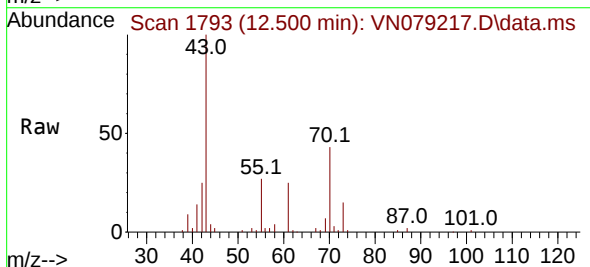
Manual Integrations
APPROVED

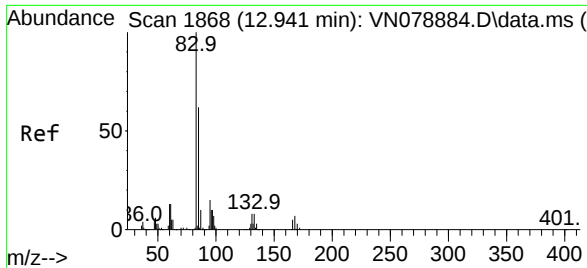
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 21.682 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

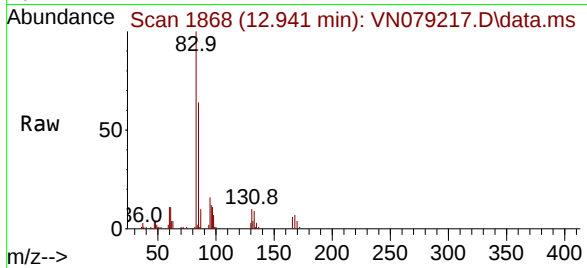
Tgt Ion: 43 Resp: 58148
Ion Ratio Lower Upper
43 100
70 44.5 43.4 65.2
55 26.1 21.4 32.0
61 24.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.749 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

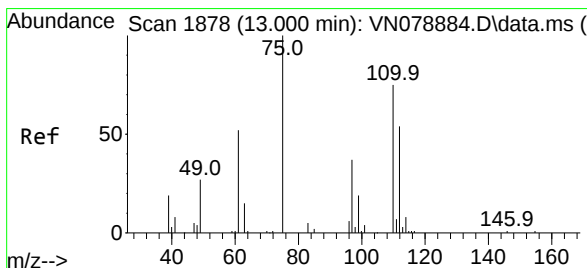
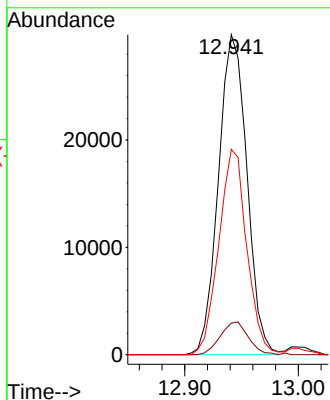
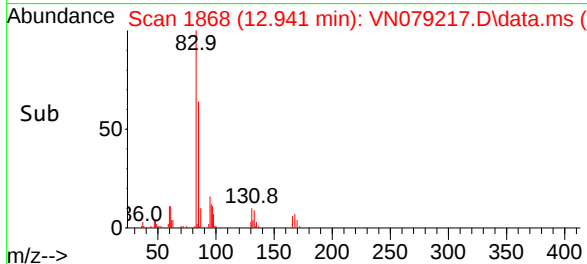
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 5198
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.1 31.9 95.7

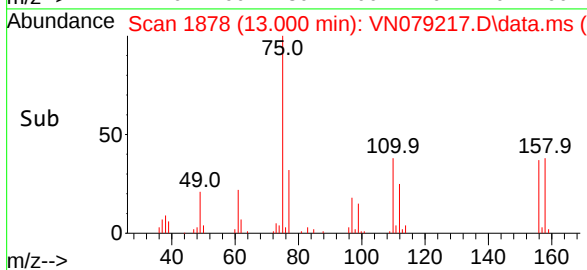
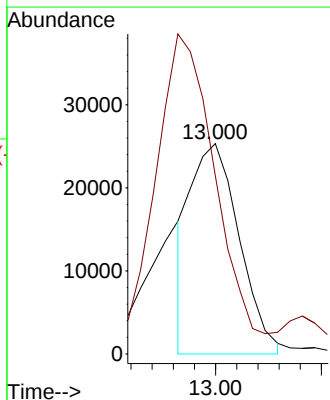
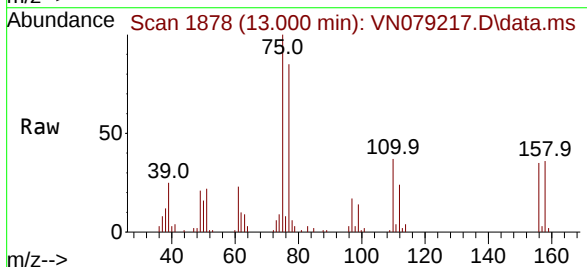
Manual Integrations
APPROVED

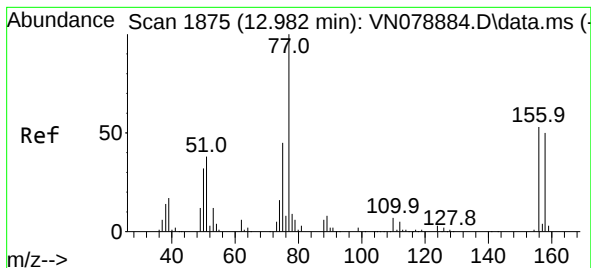
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 20.110 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion: 75 Resp: 40532
Ion Ratio Lower Upper
75 100
77 190.1 84.5 253.5





#77

Bromobenzene

Concen: 20.075 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

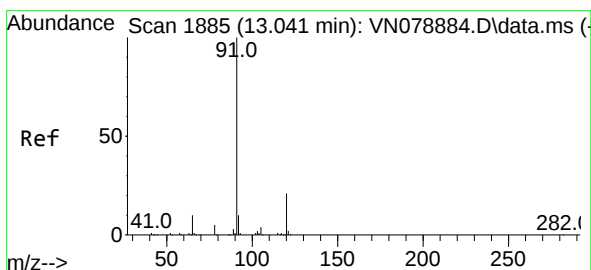
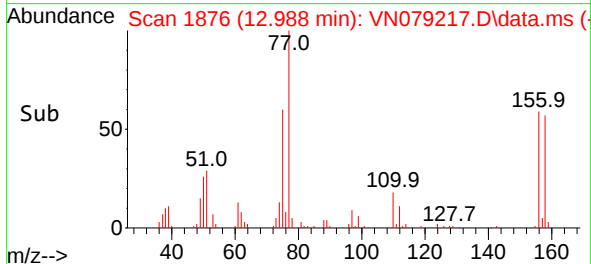
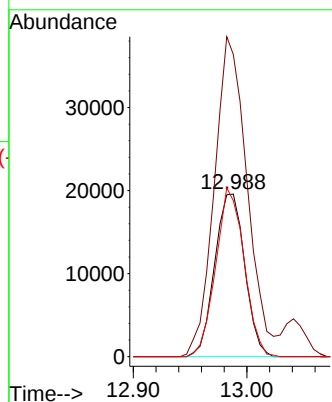
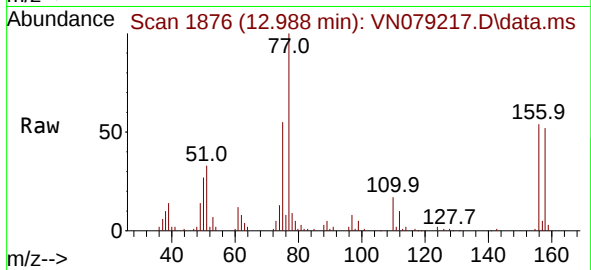
Tgt Ion:	156	Resp:	3593
Ion Ratio	Lower	Upper	
156	100		
77	214.4	107.7	323.3
158	98.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#78

n-propylbenzene

Concen: 21.492 ug/l

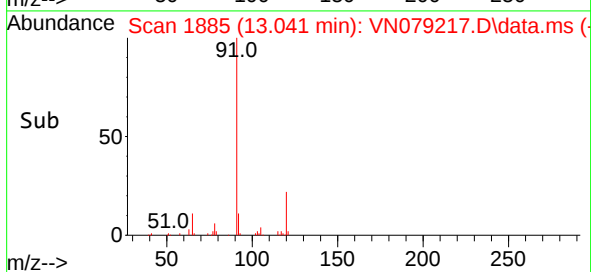
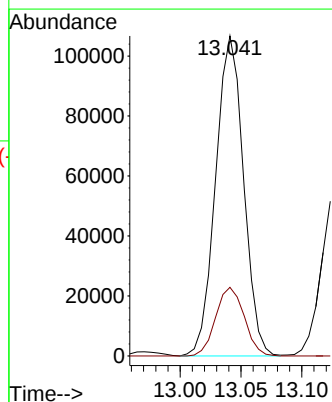
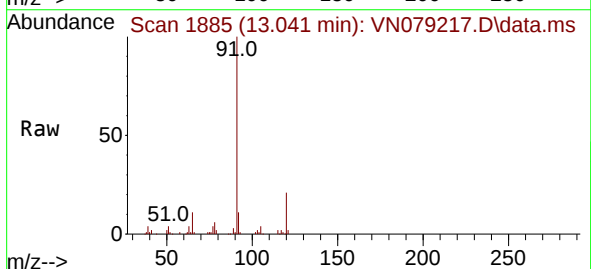
RT: 13.041 min Scan# 1885

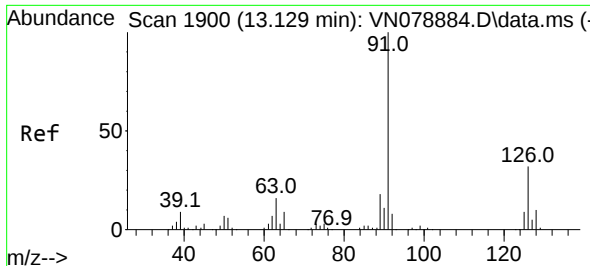
Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion:	91	Resp:	170658
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





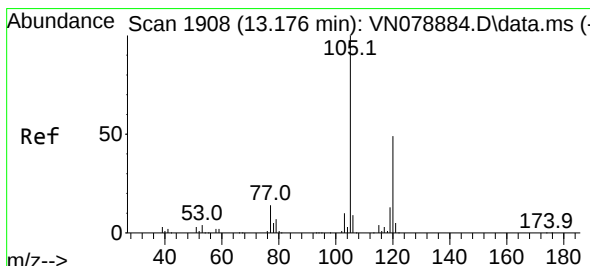
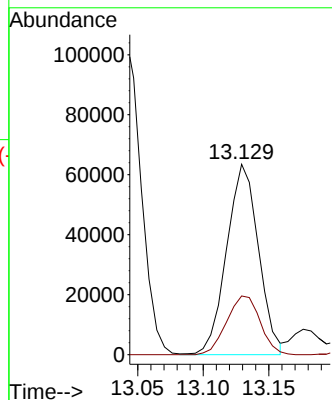
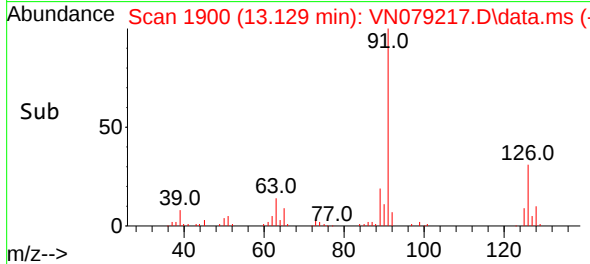
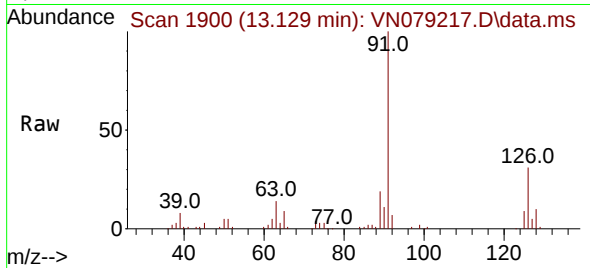
#79
2-Chlorotoluene
Concen: 20.699 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 107500
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

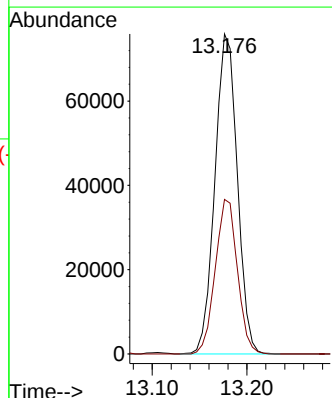
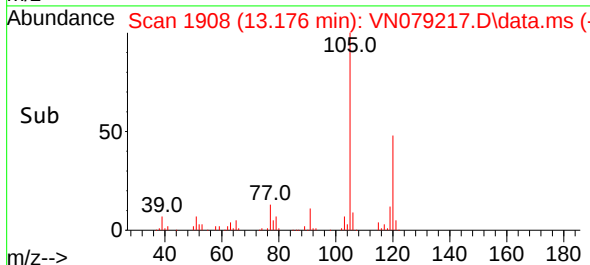
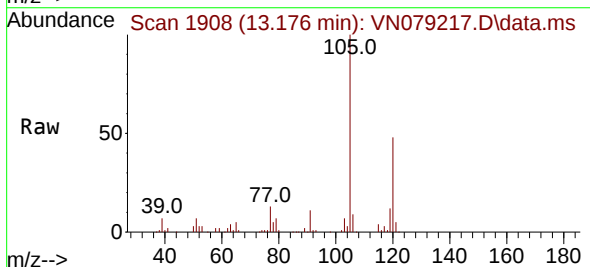
Manual Integrations
APPROVED

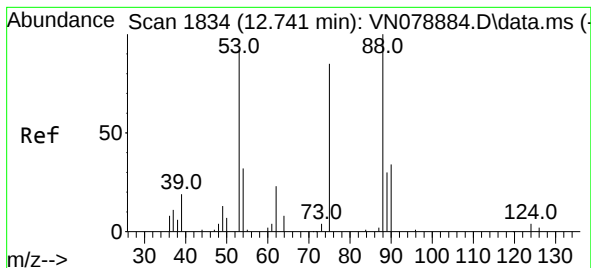
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.182 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

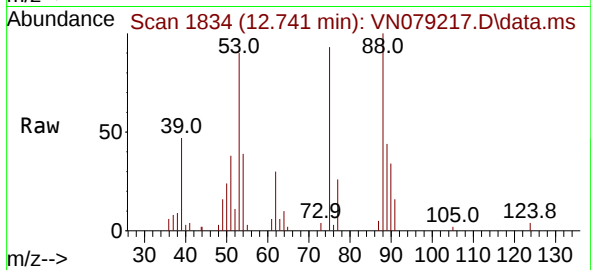
Tgt Ion:105 Resp: 124760
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.825 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

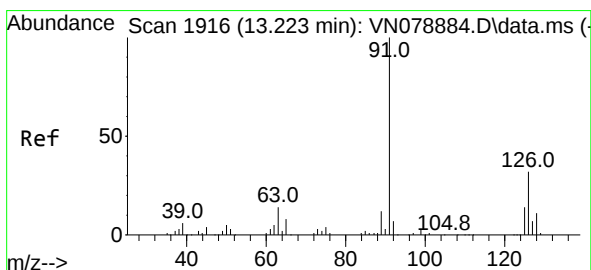
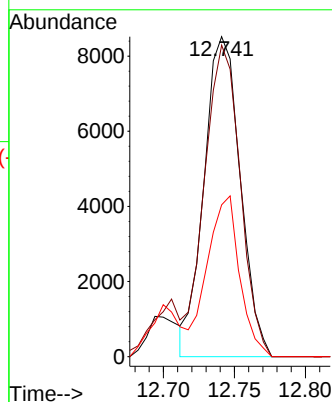
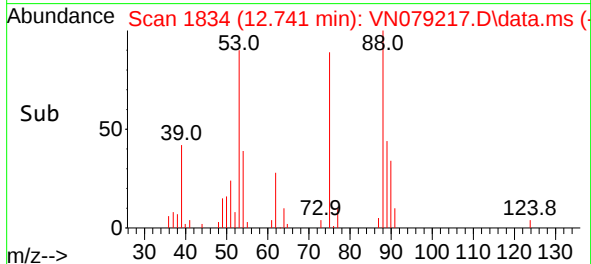
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



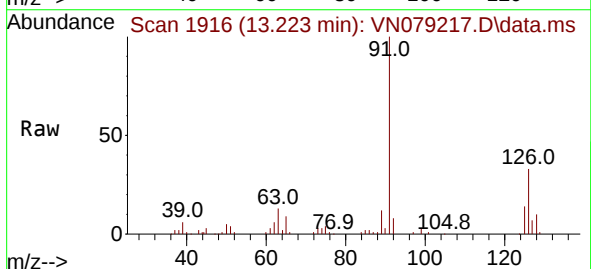
Tgt Ion: 75 Resp: 15100
Ion Ratio Lower Upper
75 100
53 109.9 67.4 101.2
89 44.5 38.8 58.2

Manual Integrations
APPROVED

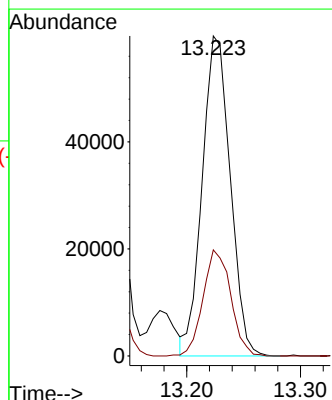
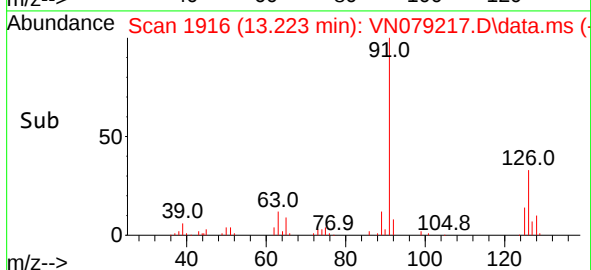
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

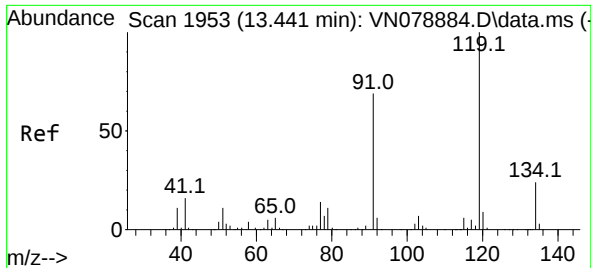


#82
4-Chlorotoluene
Concen: 20.988 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19



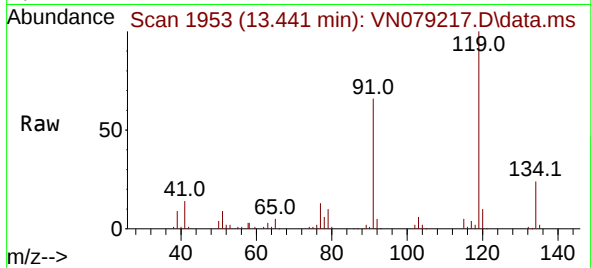
Tgt Ion: 91 Resp: 102422
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.797 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

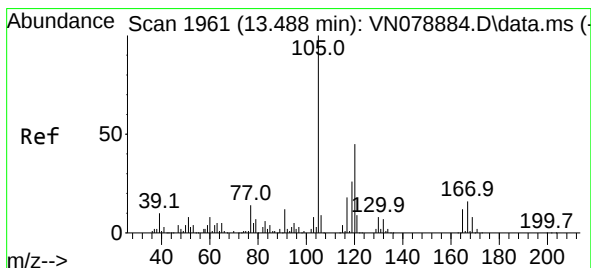
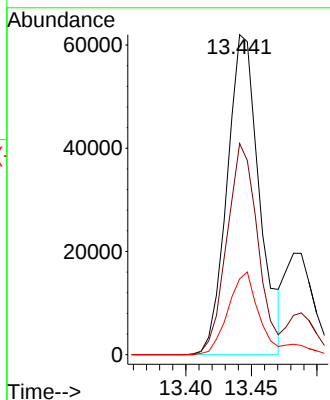
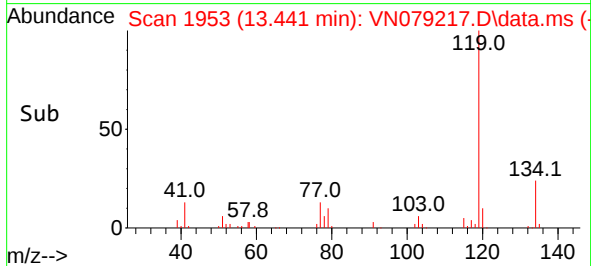
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



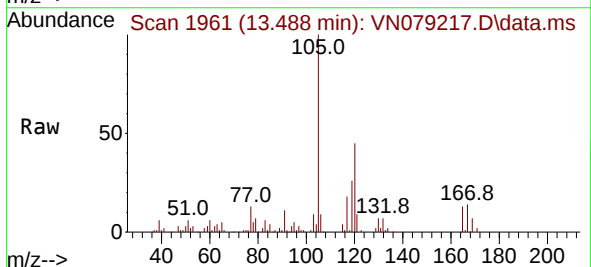
Tgt Ion:119 Resp: 106208
Ion Ratio Lower Upper
119 100
91 63.2 33.9 101.7
134 26.6 13.2 39.6

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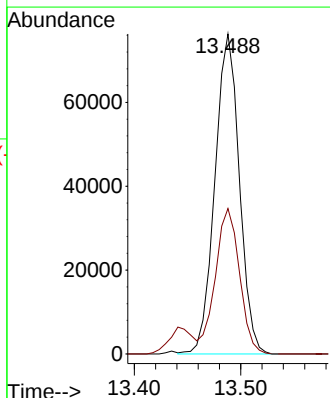
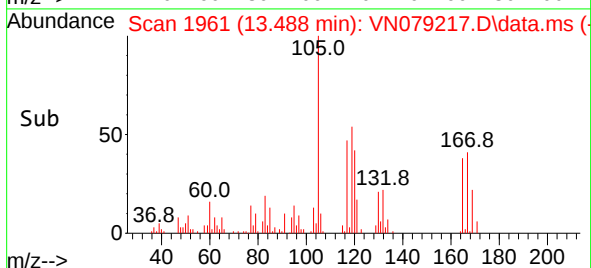
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

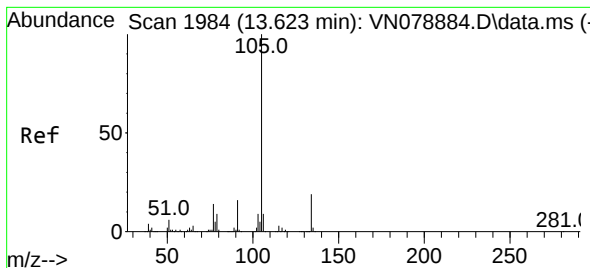


#84
1,2,4-Trimethylbenzene
Concen: 21.642 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19



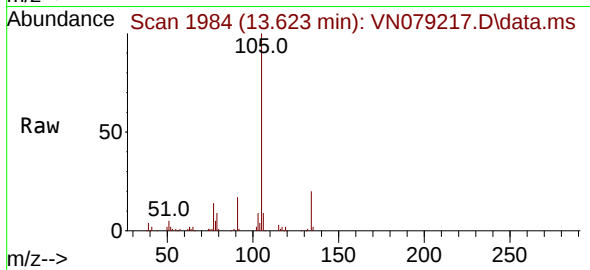
Tgt Ion:105 Resp: 121399
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.387 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079217.D
 Acq: 11 Sep 2023 14:19

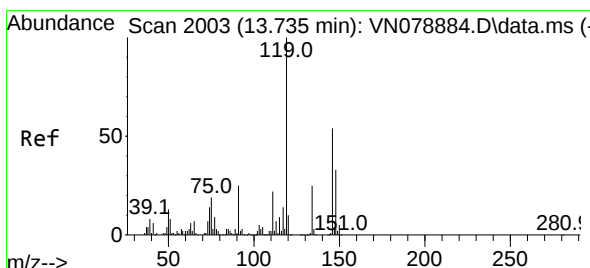
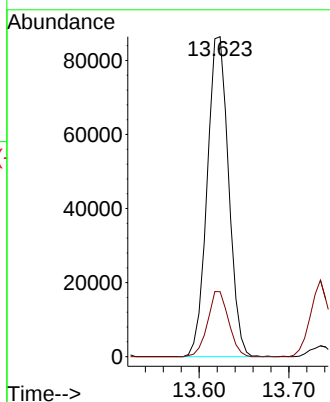
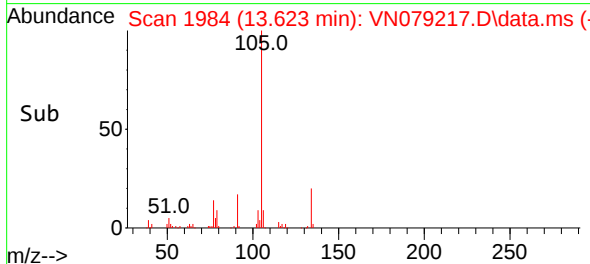
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



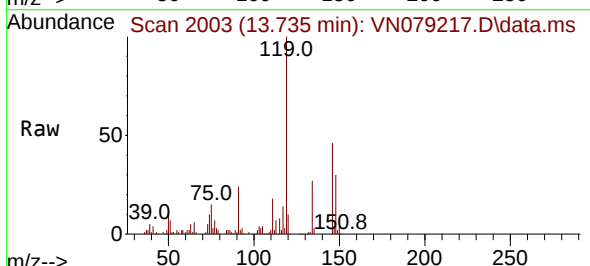
Tgt Ion:105 Resp: 143462
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
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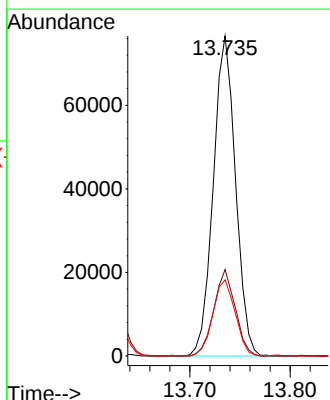
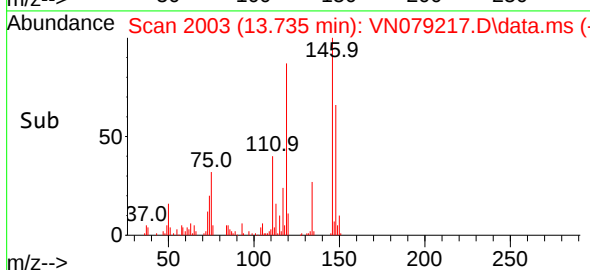
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

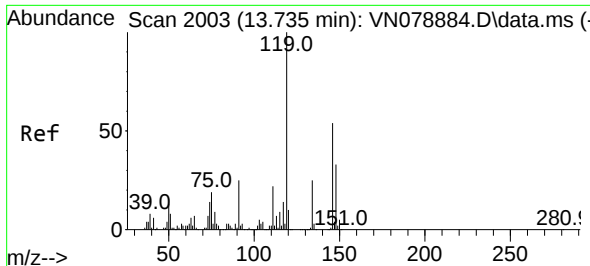


#86
 p-Isopropyltoluene
 Concen: 21.974 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079217.D
 Acq: 11 Sep 2023 14:19



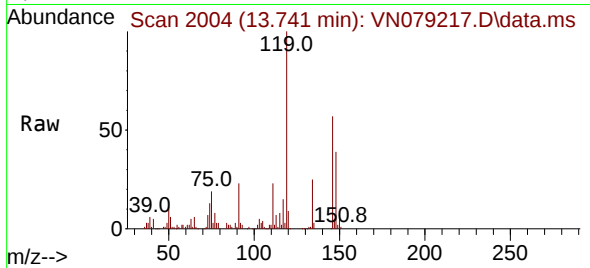
Tgt Ion:119 Resp: 117762
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.961 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

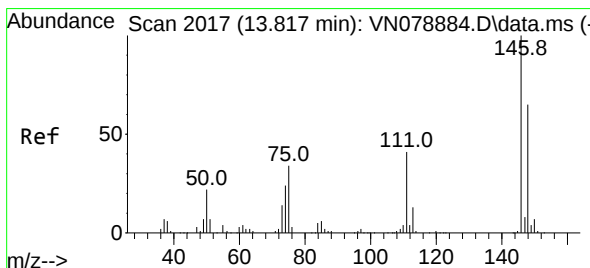
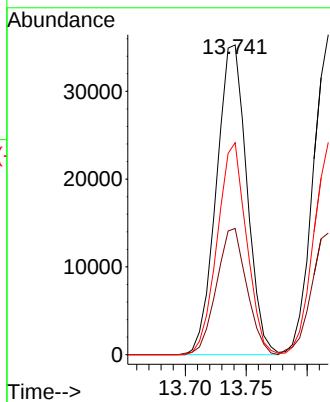
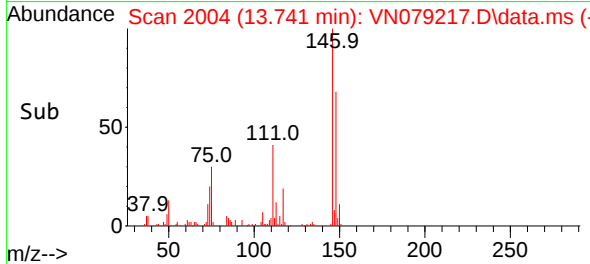
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 6153
Ion Ratio Lower Upper
146 100
111 40.5 22.1 66.3
148 65.7 32.0 96.0

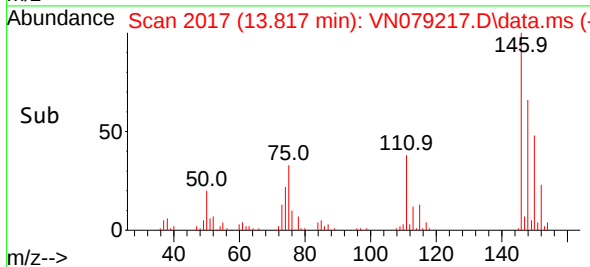
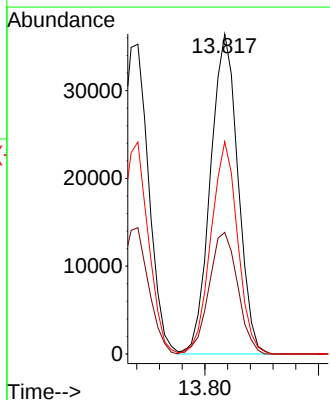
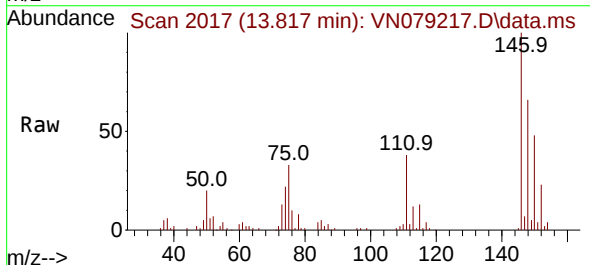
Manual Integrations
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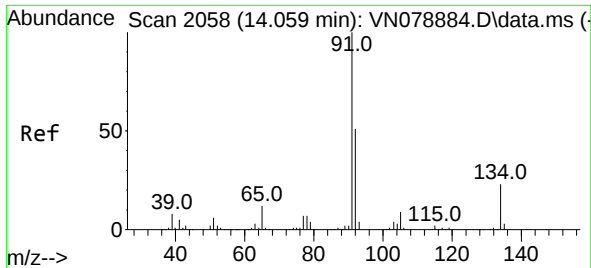
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#88
1,4-Dichlorobenzene
Concen: 20.651 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion:146 Resp: 61262
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.8
148 64.2 31.6 94.8





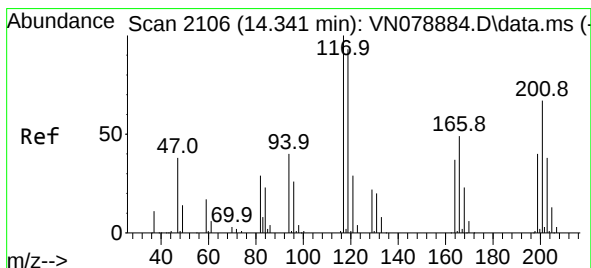
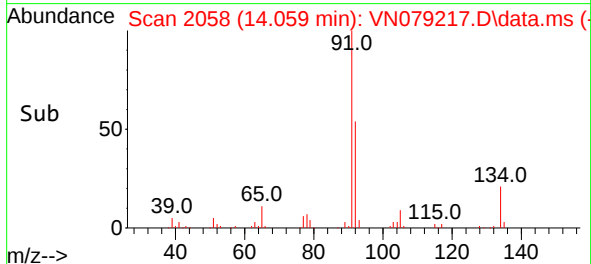
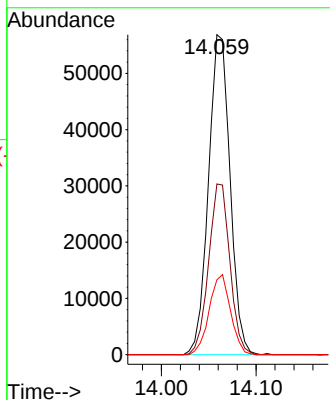
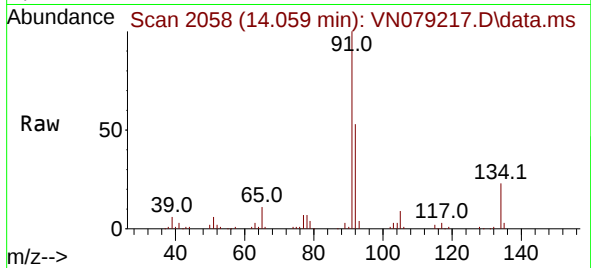
#89
n-Butylbenzene
Concen: 21.347 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 89964
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 24.7 12.6 37.6

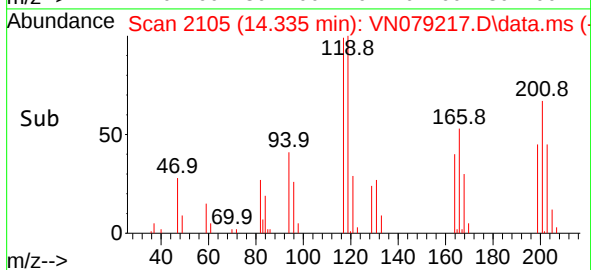
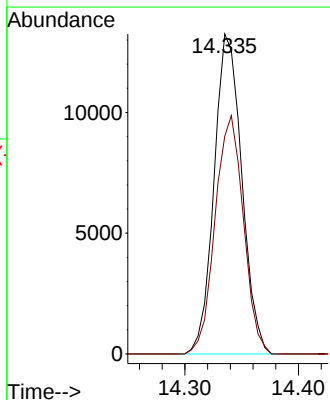
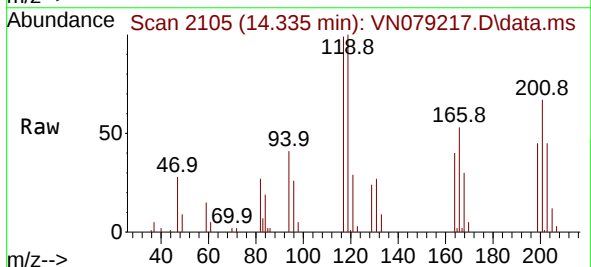
Manual Integrations
APPROVED

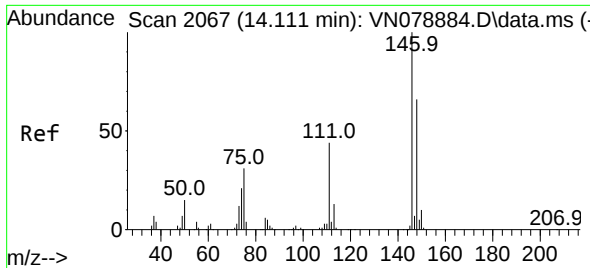
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 20.622 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

Tgt Ion:117 Resp: 22444
Ion Ratio Lower Upper
117 100
201 76.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 21.353 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

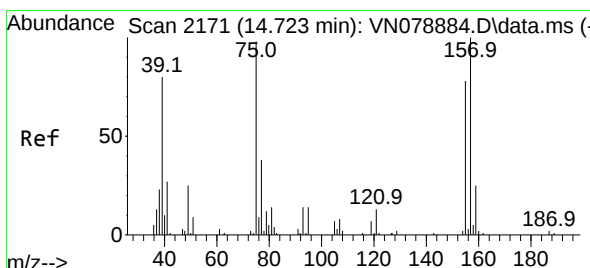
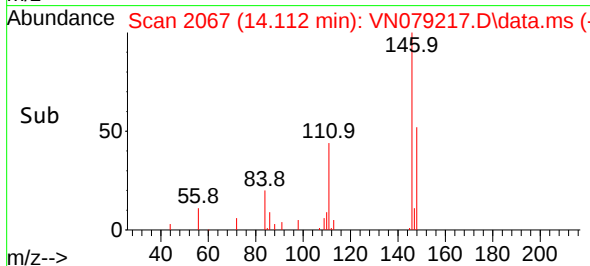
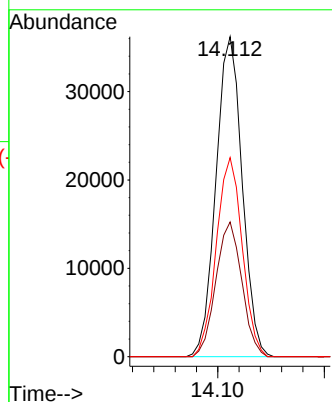
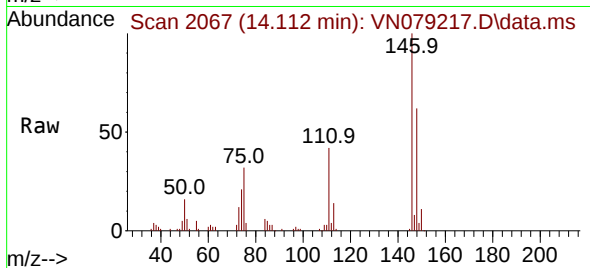
Tgt Ion:	146	Resp:	6188
Ion Ratio	Lower	Upper	
146	100		
111	41.6	22.0	66.0
148	61.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.692 ug/l

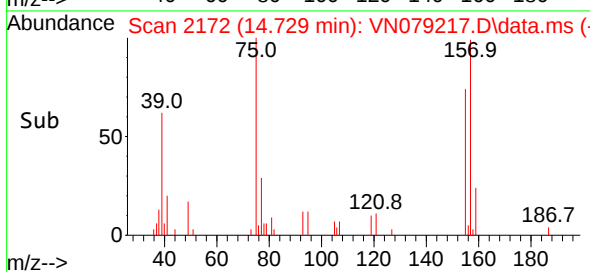
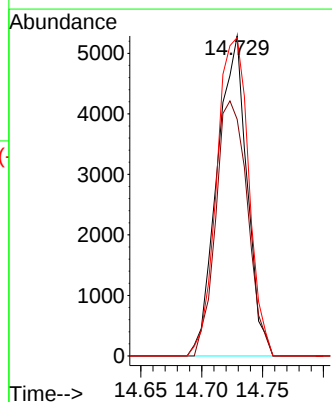
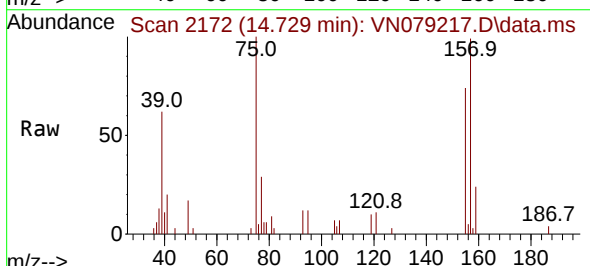
RT: 14.729 min Scan# 2172

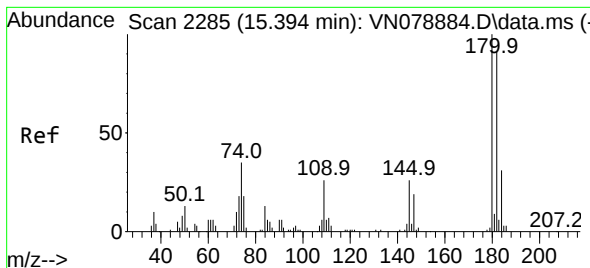
Delta R.T. 0.006 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Tgt Ion:	75	Resp:	8997
Ion Ratio	Lower	Upper	
75	100		
155	84.9	39.1	117.2
157	106.8	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 22.301 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

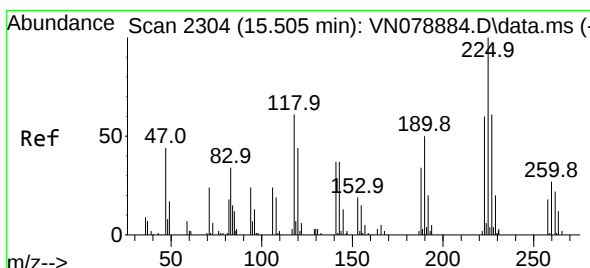
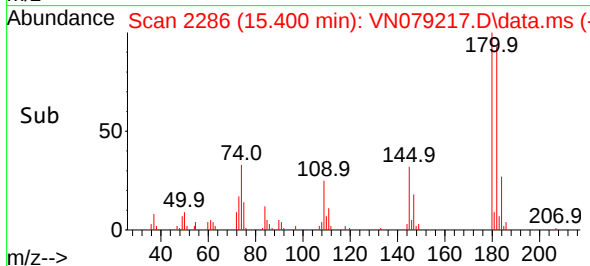
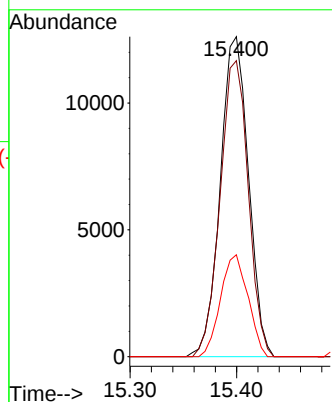
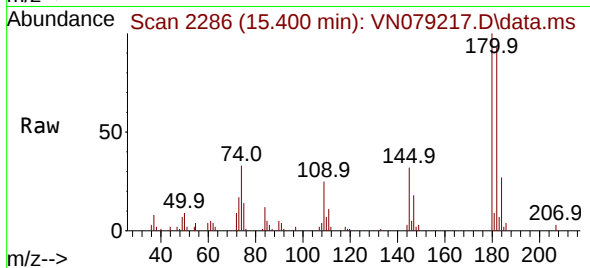
Tgt Ion:180	Resp:	23220
Ion Ratio	Lower	Upper
180	100	
182	92.3	46.1 138.2
145	30.9	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#94

Hexachlorobutadiene

Concen: 20.161 ug/l

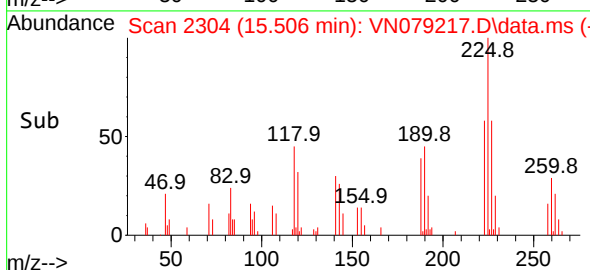
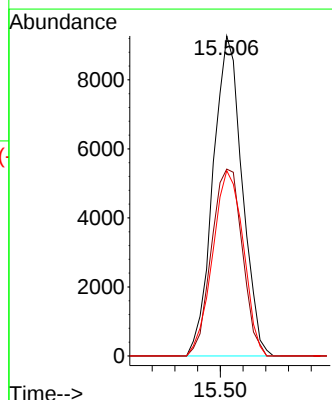
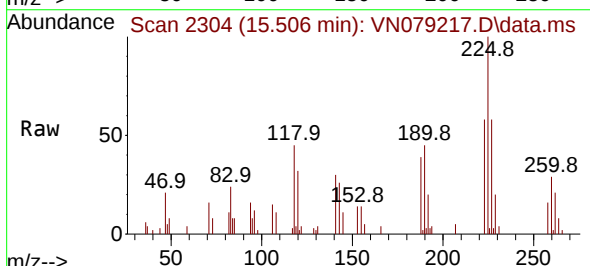
RT: 15.506 min Scan# 2304

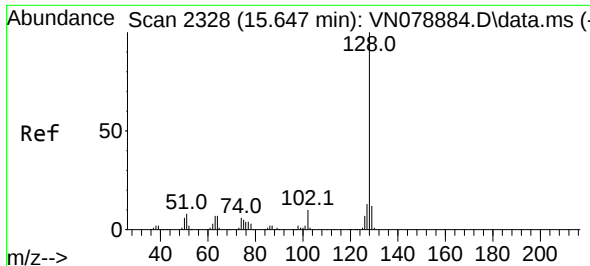
Delta R.T. -0.000 min

Lab File: VN079217.D

Acq: 11 Sep 2023 14:19

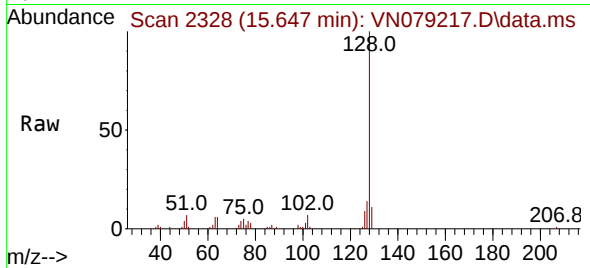
Tgt Ion:225	Resp:	16517
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.3 93.8
227	60.9	31.9 95.9





#95
Naphthalene
Concen: 21.385 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19

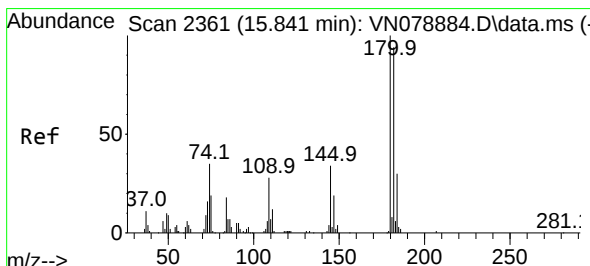
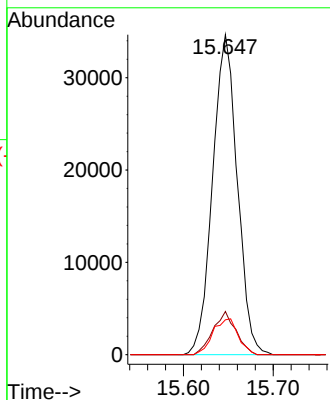
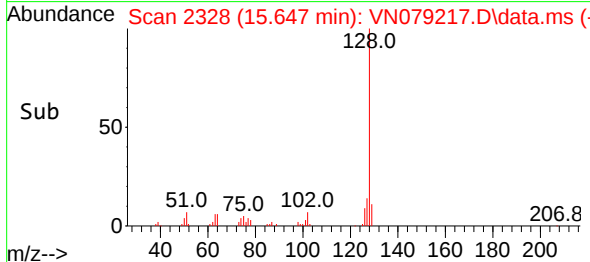
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



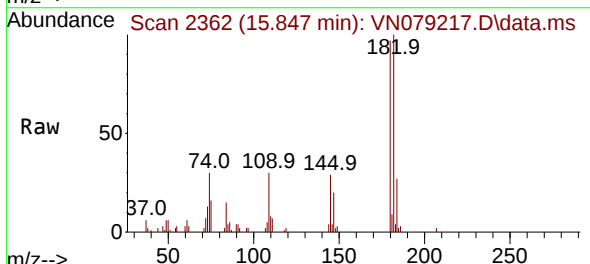
Tgt Ion:128 Resp: 6614
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.540 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079217.D
Acq: 11 Sep 2023 14:19



Tgt Ion:180 Resp: 26462
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 31.7 17.5 52.6

