

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079214.D
 Acq On : 11 Sep 2023 13:07
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 12 02:31:51 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	149935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	227983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210424	103.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 207.940%#			
35) Dibromofluoromethane	8.171	113	170856	105.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 210.880%#			
50) Toluene-d8	10.571	98	669357	112.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 225.000%#			
62) 4-Bromofluorobenzene	12.853	95	234124	123.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 246.720%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	127314	85.818	ug/l	97
3) Chloromethane	2.365	50	141768	72.795	ug/l	100
4) Vinyl Chloride	2.512	62	178666	84.197	ug/l	99
5) Bromomethane	2.924	94	87418	71.670	ug/l	99
6) Chloroethane	3.100	64	125634	93.395	ug/l	99
7) Trichlorofluoromethane	3.489	101	270463	87.042	ug/l	100
8) Diethyl Ether	3.959	74	100598	93.275	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	148502	89.865	ug/l	96
10) Methyl Iodide	4.589	142	149158	110.344	ug/l	95
11) Tert butyl alcohol	5.530	59	146304	391.532	ug/l	100
12) 1,1-Dichloroethene	4.336	96	151069	94.470	ug/l	89
13) Acrolein	4.183	56	170046	477.066	ug/l	98
14) Allyl chloride	5.024	41	254542	99.783	ug/l #	88
15) Acrylonitrile	5.724	53	454217	468.790	ug/l	99
16) Acetone	4.430	43	437025	508.408	ug/l	95
17) Carbon Disulfide	4.712	76	433851	86.806	ug/l	99
18) Methyl Acetate	5.030	43	311910	88.289	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	535502	97.642	ug/l	93
20) Methylene Chloride	5.277	84	181597	86.812	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	172984	93.251	ug/l #	81
22) Diisopropyl ether	6.683	45	562146	100.435	ug/l #	87
23) Vinyl Acetate	6.606	43	1764831	477.312	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	322202	93.381	ug/l	98
25) 2-Butanone	7.488	43	632572	507.190	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	283148	96.997	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	205937	97.088	ug/l	91
28) Bromochloromethane	7.818	49	164094	105.186	ug/l	84
29) Tetrahydrofuran	7.841	42	393377	495.626	ug/l #	81
30) Chloroform	7.971	83	336209	93.589	ug/l	95
31) Cyclohexane	8.259	56	267087	90.376	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	297851	97.265	ug/l	98
36) 1,1-Dichloropropene	8.377	75	256041	102.516	ug/l	97
37) Ethyl Acetate	7.565	43	241988	98.484	ug/l #	95
38) Carbon Tetrachloride	8.365	117	259845	100.536	ug/l	99
39) Methylcyclohexane	9.606	83	267919	108.750	ug/l #	88
40) Benzene	8.612	78	765846	100.167	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	134596	104.556	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	255866	97.209	ug/l	100
43) Isopropyl Acetate	8.694	43	402433	99.005	ug/l #	93
44) Trichloroethene	9.359	130	184772	98.103	ug/l	99
45) 1,2-Dichloropropane	9.624	63	195982	103.285	ug/l	97
46) Dibromomethane	9.712	93	130961	101.669	ug/l	91
47) Bromodichloromethane	9.894	83	270662	102.588	ug/l	94
48) Methyl methacrylate	9.688	41	193982	106.543	ug/l	81
49) 1,4-Dioxane	9.700	88	72795	1943.882	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	1256959	532.707	ug/l	94
52) Toluene	10.635	92	485470	103.320	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	302839	108.859	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	321582	108.078	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	185033	100.359	ug/l	97
56) Ethyl methacrylate	10.876	69	298060	114.524	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	327331	102.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	600703	493.255	ug/l	91
59) 2-Hexanone	11.200	43	939885	549.959	ug/l	93
60) Dibromochloromethane	11.365	129	208214	106.113	ug/l	99
61) 1,2-Dibromoethane	11.476	107	193429	105.128	ug/l	98
64) Tetrachloroethene	11.106	164	155274	93.405	ug/l	96
65) Chlorobenzene	11.894	112	500217	96.853	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	192068	99.173	ug/l	97
67) Ethyl Benzene	11.970	91	946868	107.184	ug/l	96
68) m/p-Xylenes	12.076	106	707782	214.950	ug/l	95
69) o-Xylene	12.406	106	343575	108.795	ug/l	95
70) Styrene	12.418	104	584735	115.126	ug/l	99
71) Bromoform	12.582	173	149829	104.794	ug/l #	99
73) Isopropylbenzene	12.700	105	870062	93.277	ug/l	99
74) N-amyl acetate	12.500	43	347789	98.277	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	277205	79.807	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	223020m	83.852	ug/l	
77) Bromobenzene	12.982	156	209926	88.881	ug/l	100
78) n-propylbenzene	13.041	91	1026718	97.985	ug/l	98
79) 2-Chlorotoluene	13.129	91	607292	88.613	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	718730	92.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	93688	93.216	ug/l	92
82) 4-Chlorotoluene	13.229	91	616020	95.660	ug/l	99
83) tert-Butylbenzene	13.441	119	605849	94.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	722995	97.675	ug/l	99
85) sec-Butylbenzene	13.623	105	841621	95.079	ug/l	99
86) p-Isopropyltoluene	13.735	119	701763	99.232	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	374443	96.657	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	360849	92.182	ug/l	98
89) n-Butylbenzene	14.059	91	585506	105.285	ug/l	100
90) Hexachloroethane	14.335	117	128510	89.484	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	351538	91.922	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50258	91.826	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	155219	112.944	ug/l	97
94) Hexachlorobutadiene	15.506	225	88439	81.806	ug/l	100
95) Naphthalene	15.647	128	459992	112.695	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	157043	96.874	ug/l	97

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VSTDICC100

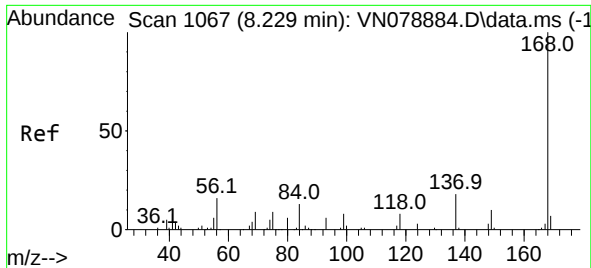
Manual Integrations
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Quant Title : SW846 8260
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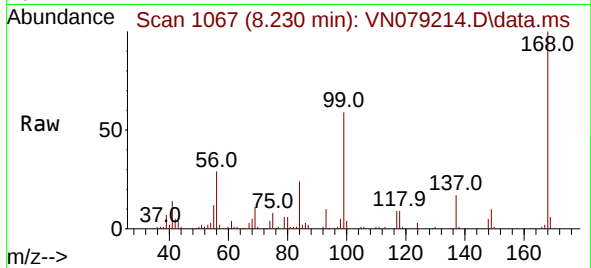
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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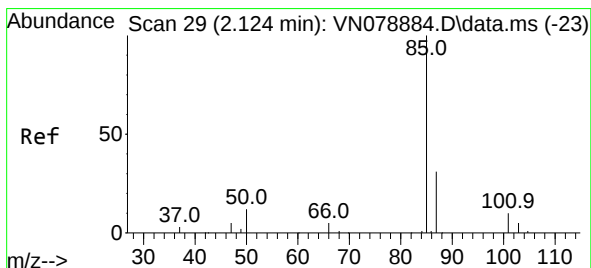
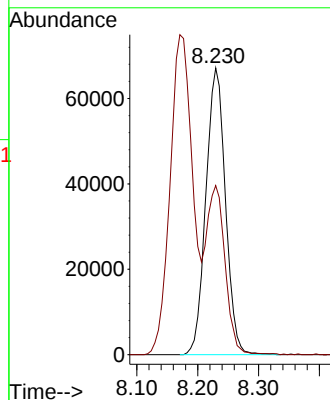
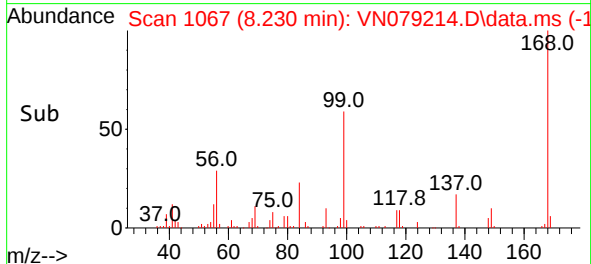
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 149935
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6

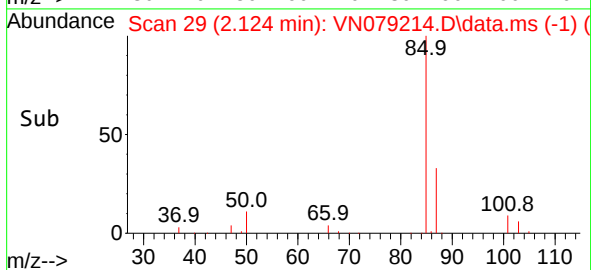
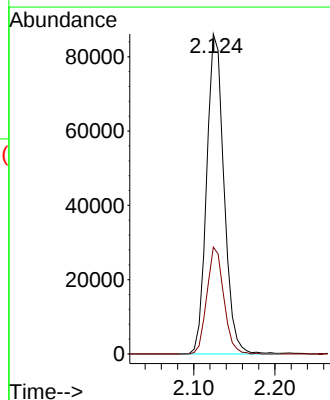
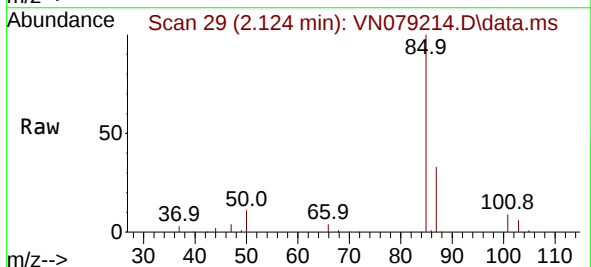
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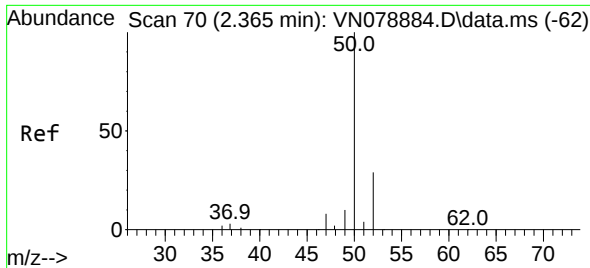
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 85.818 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion: 85 Resp: 127314
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





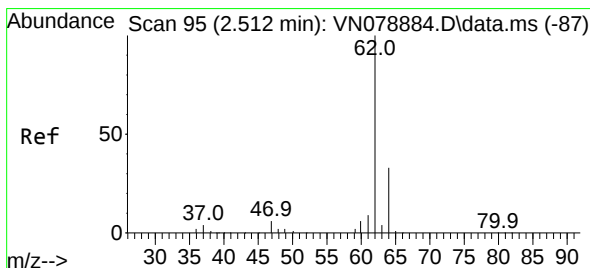
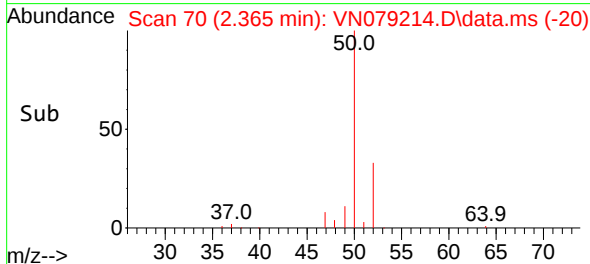
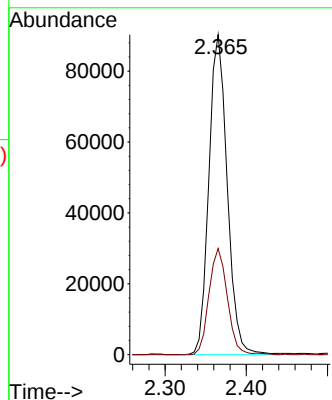
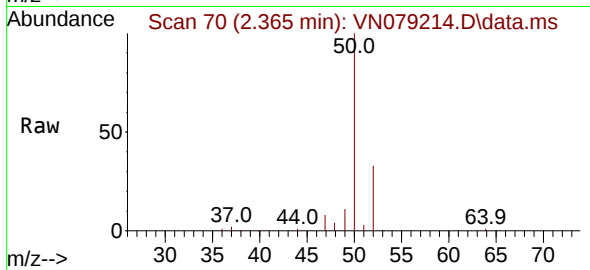
#3
Chloromethane
Concen: 72.795 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079214.D
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Tgt Ion: 50 Resp: 141768
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

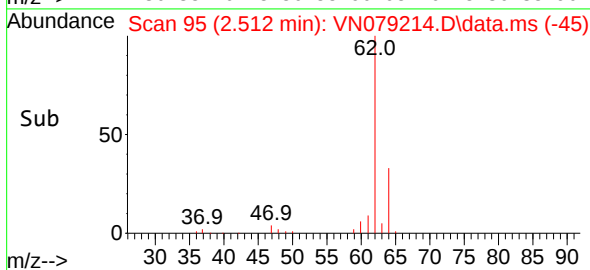
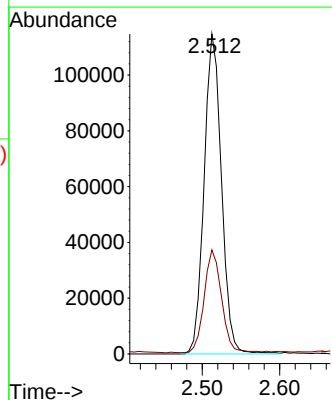
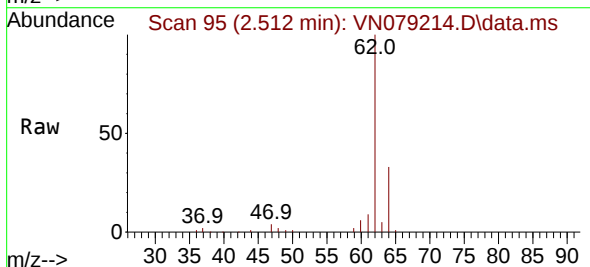
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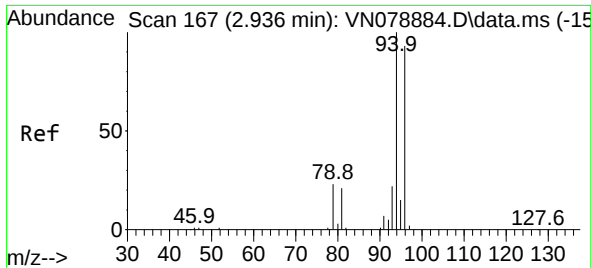
Reviewed By :John Carlone 09/12/2023
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#4
Vinyl Chloride
Concen: 84.197 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion: 62 Resp: 178666
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





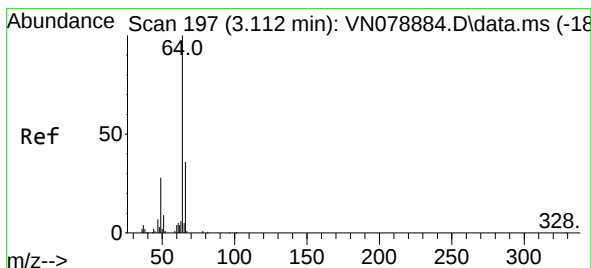
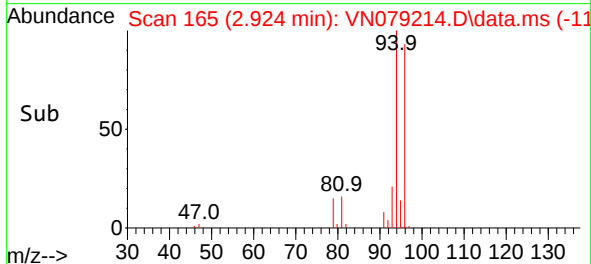
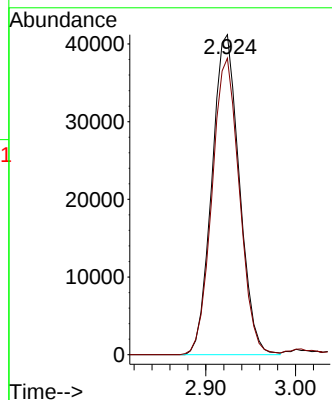
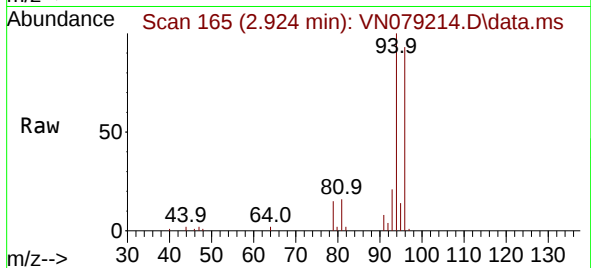
#5
Bromomethane
Concen: 71.670 ug/l
RT: 2.924 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
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Tgt Ion: 94 Resp: 87418
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7

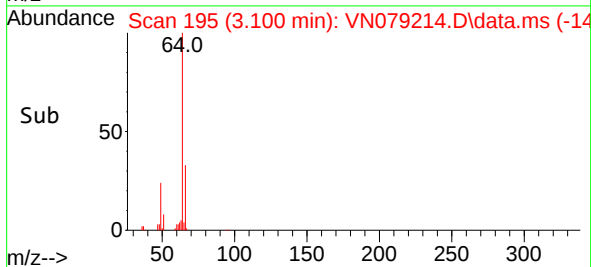
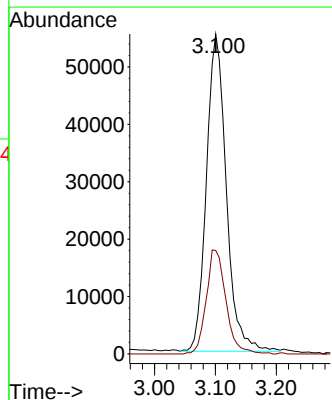
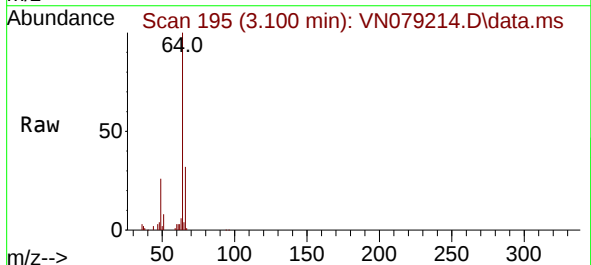
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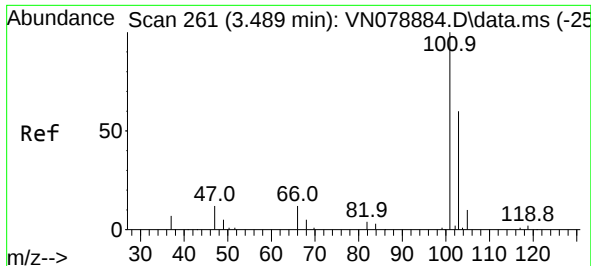
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 93.395 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN079214.D
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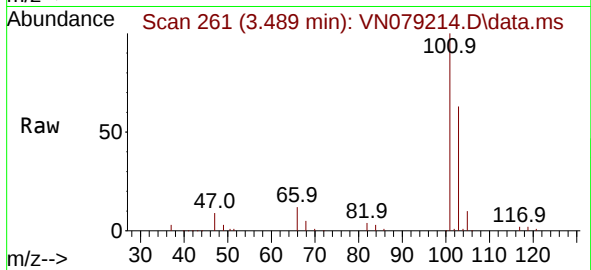
Tgt Ion: 64 Resp: 125634
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 87.042 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.012 min
Lab File: VN079214.D
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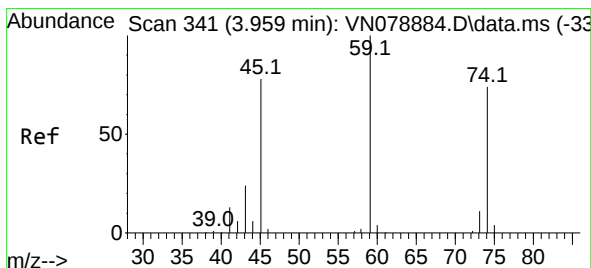
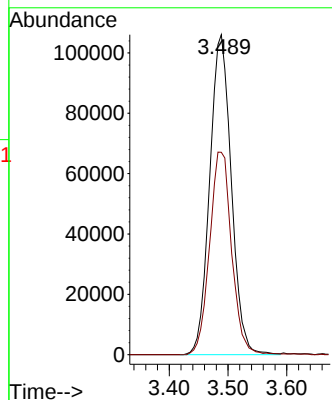
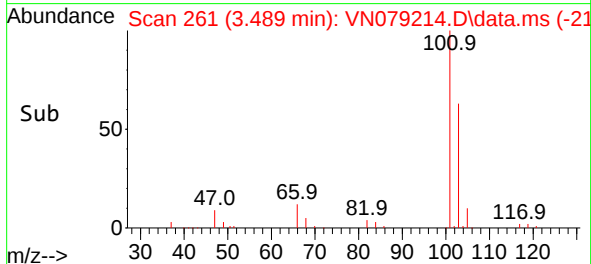
Instrument :
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ClientSampleId :
VSTDICC100



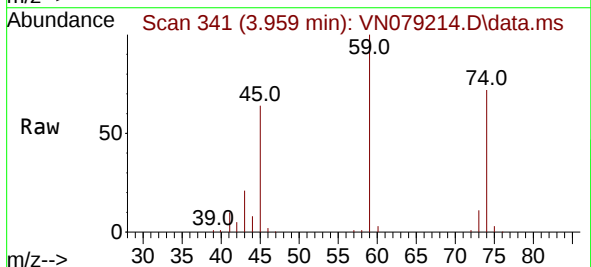
Tgt Ion:101 Resp: 27046
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1

Manual Integrations
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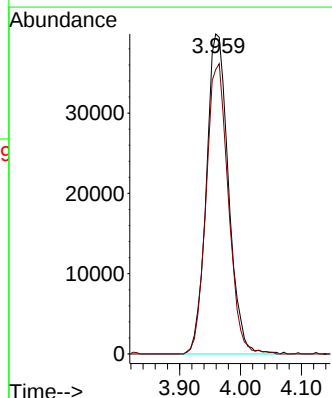
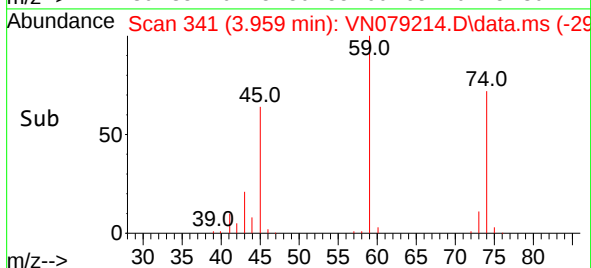
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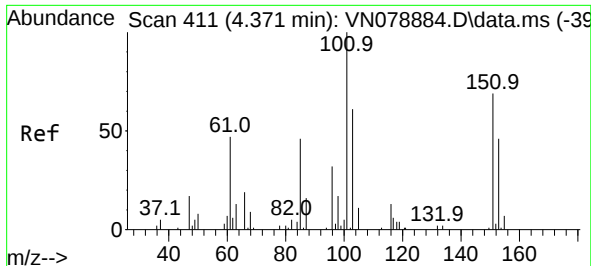


#8
Diethyl Ether
Concen: 93.275 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



Tgt Ion: 74 Resp: 100598
Ion Ratio Lower Upper
74 100
45 91.0 34.4 103.3





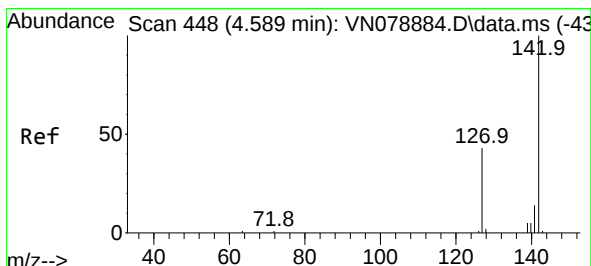
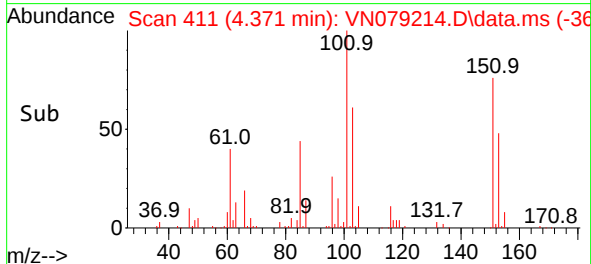
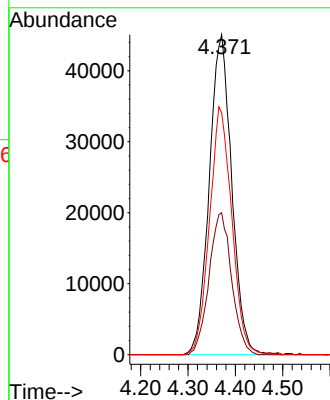
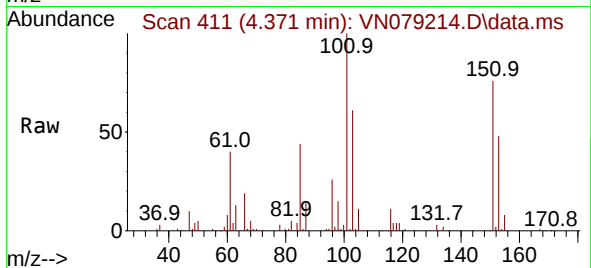
#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.865 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 14850
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 77.1 57.6 86.4

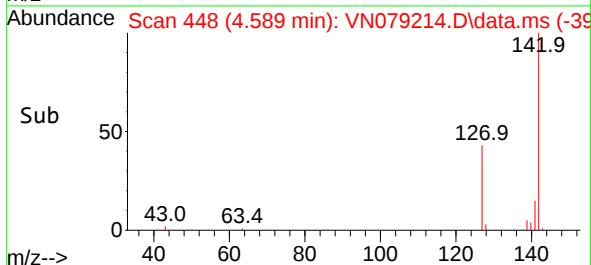
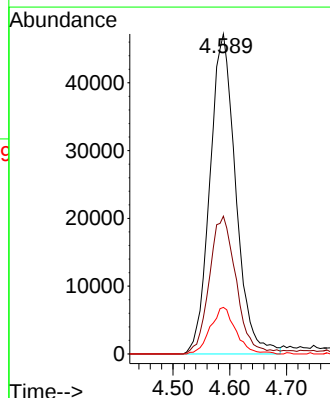
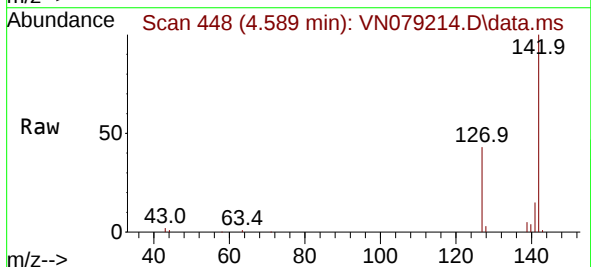
Manual Integrations
APPROVED

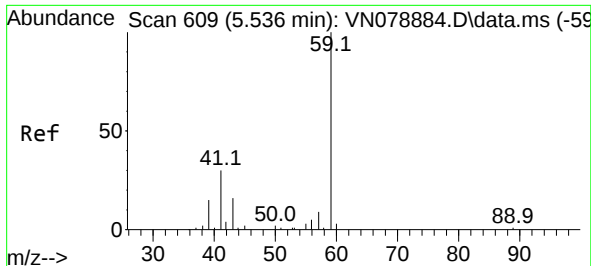
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 110.344 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion:142 Resp: 149158
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 14.5 11.4 17.0





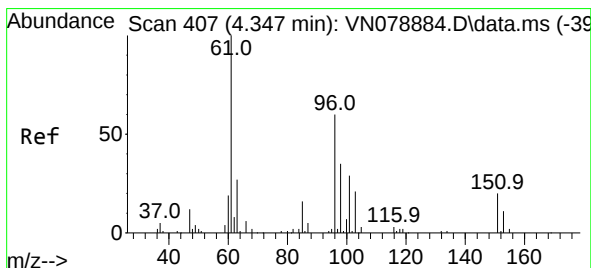
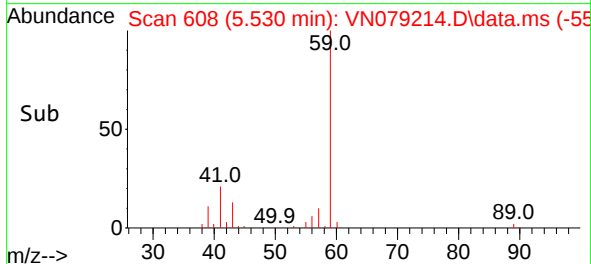
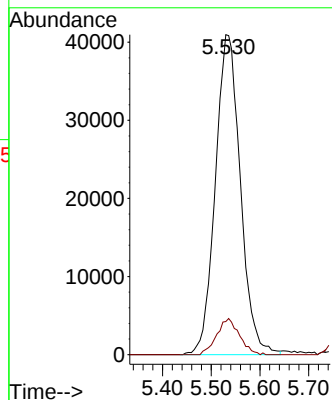
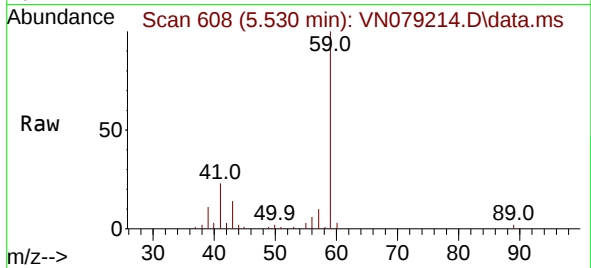
#11
Tert butyl alcohol
Concen: 391.532 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 146304
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

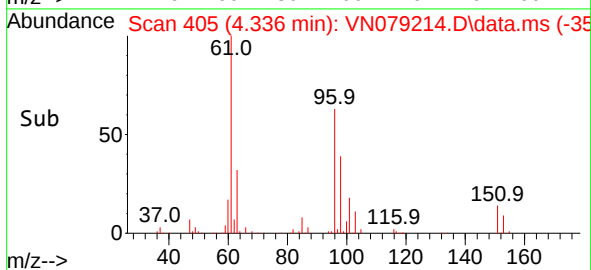
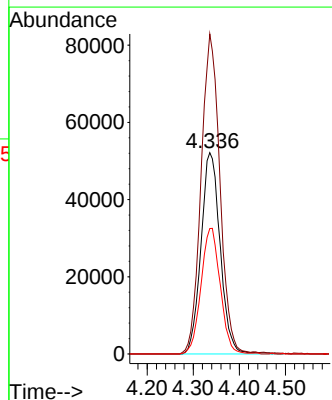
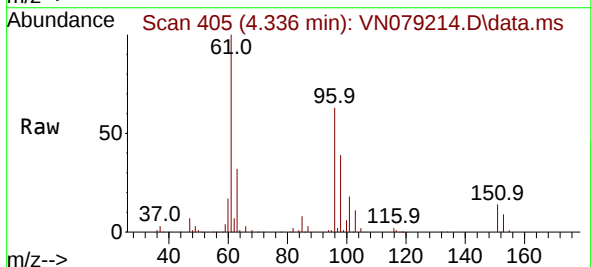
Manual Integrations
APPROVED

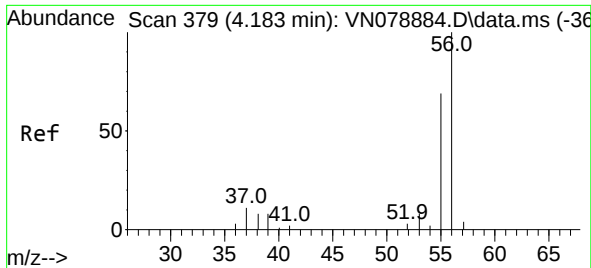
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#12
1,1-Dichloroethene
Concen: 94.470 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

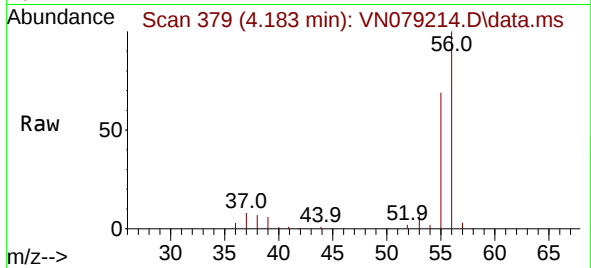
Tgt Ion: 96 Resp: 151069
Ion Ratio Lower Upper
96 100
61 159.0 112.7 169.1
98 62.4 51.2 76.8





#13
Acrolein
Concen: 477.066 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

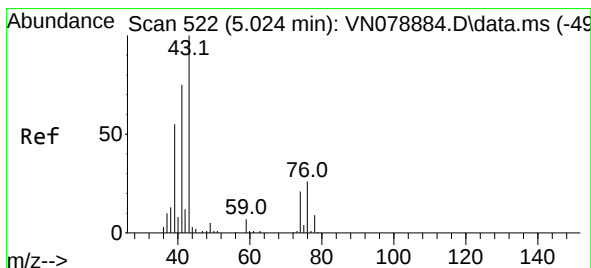
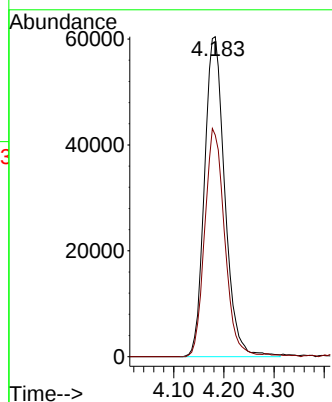
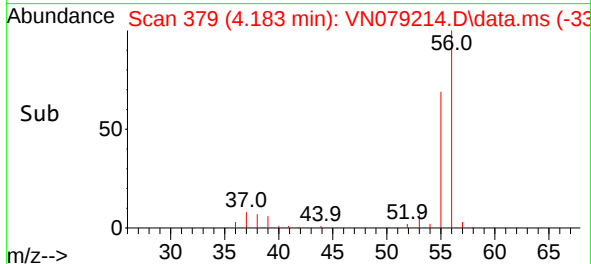
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 170040
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

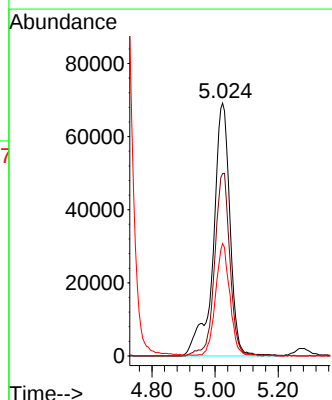
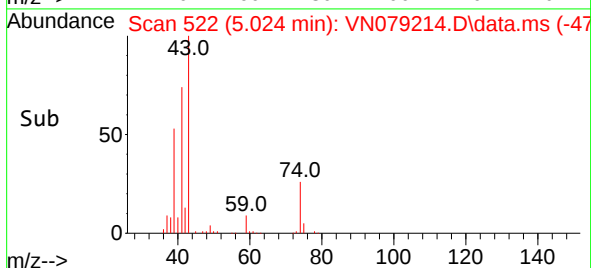
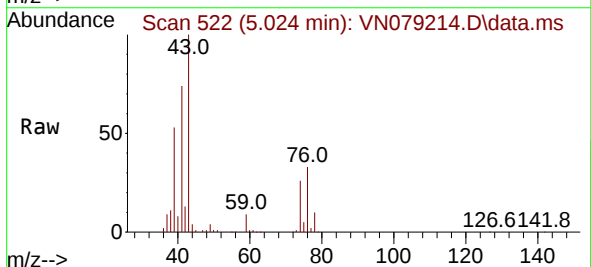
Manual Integrations
APPROVED

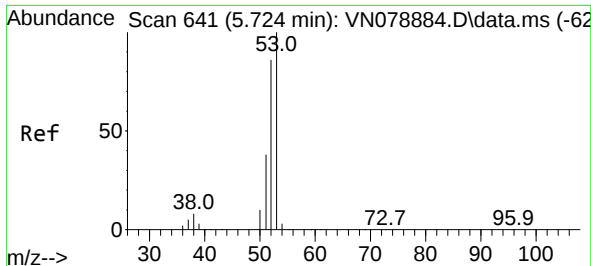
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 99.783 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

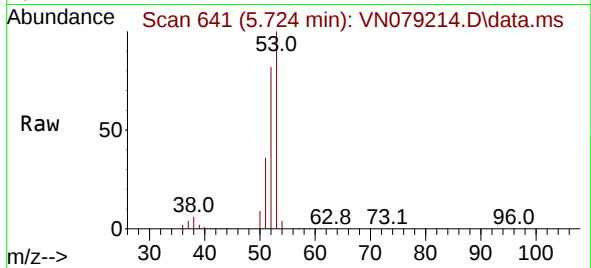
Tgt Ion: 41 Resp: 254542
Ion Ratio Lower Upper
41 100
39 66.0 58.8 88.2
76 38.0 39.1 58.7#





#15
Acrylonitrile
Concen: 468.790 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

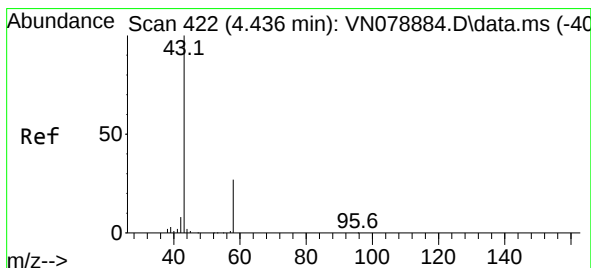
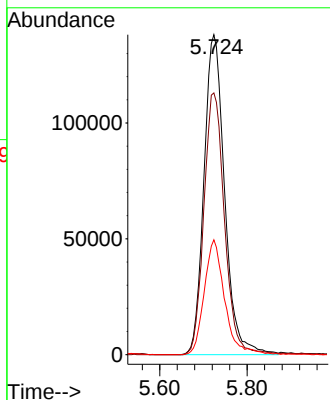
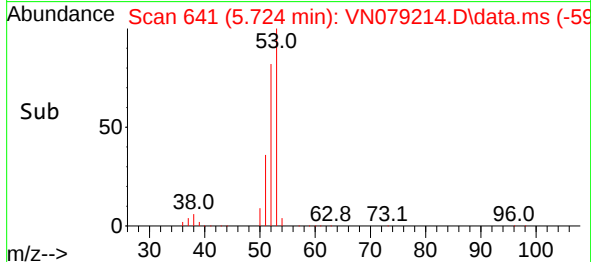
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 45421
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 35.5 28.9 43.3

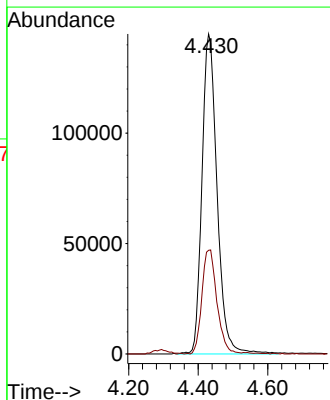
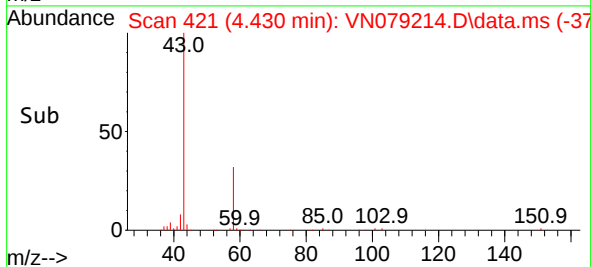
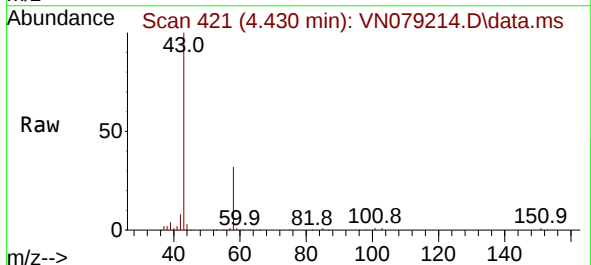
Manual Integrations
APPROVED

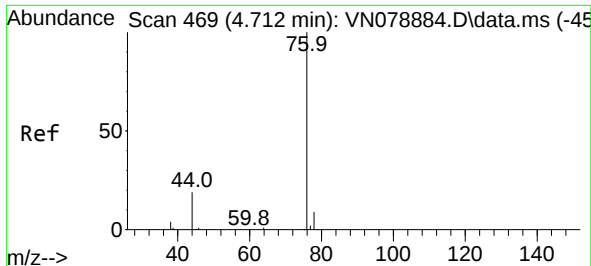
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 508.408 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

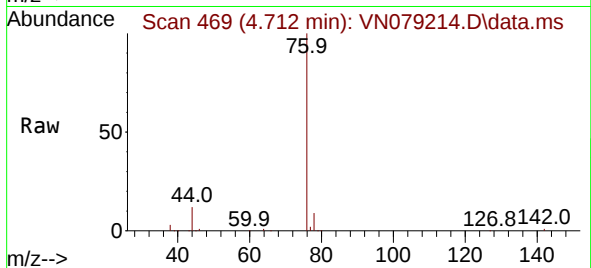
Tgt Ion: 43 Resp: 437025
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0





#17
Carbon Disulfide
Concen: 86.806 ug/l
RT: 4.712 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

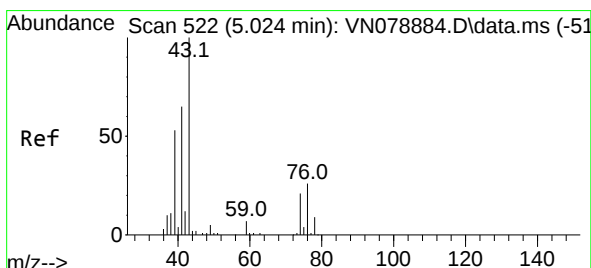
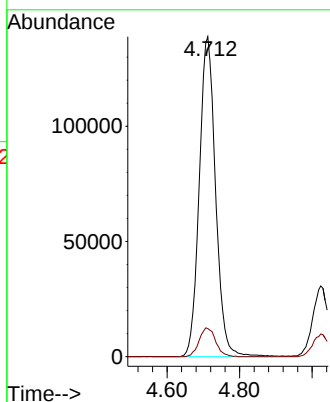
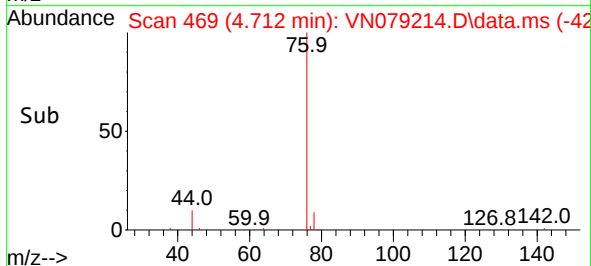
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



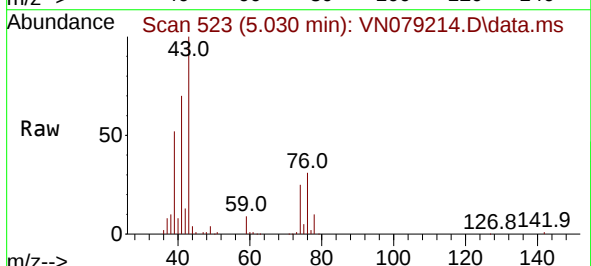
Tgt Ion: 76 Resp: 43385
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

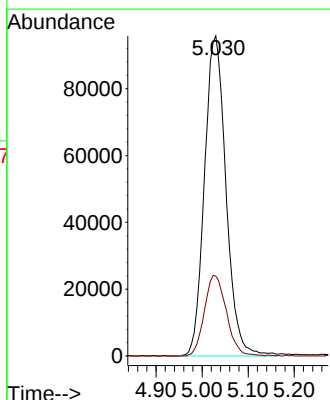
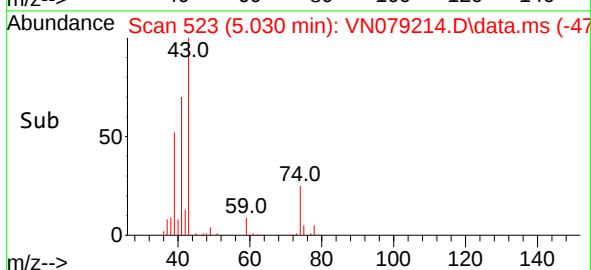
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

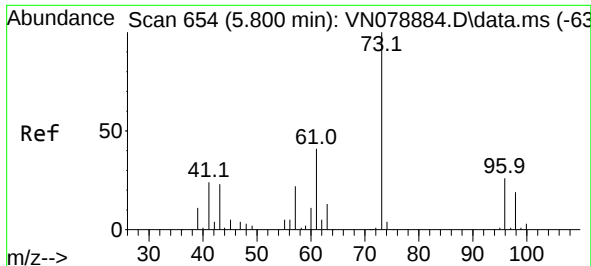


#18
Methyl Acetate
Concen: 88.289 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



Tgt Ion: 43 Resp: 311910
Ion Ratio Lower Upper
43 100
74 25.7 26.2 39.4#





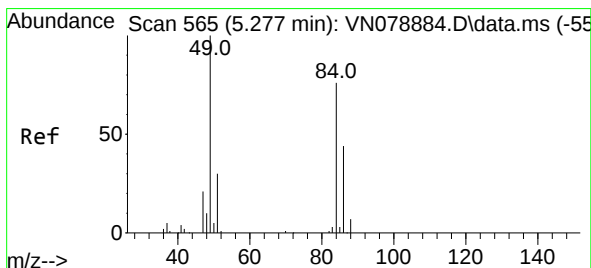
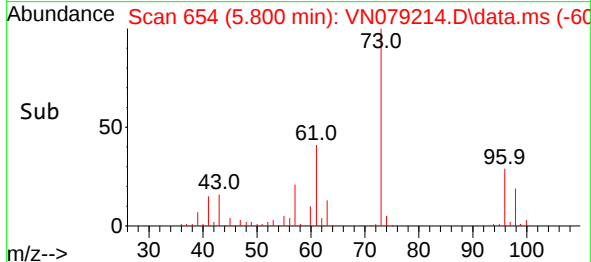
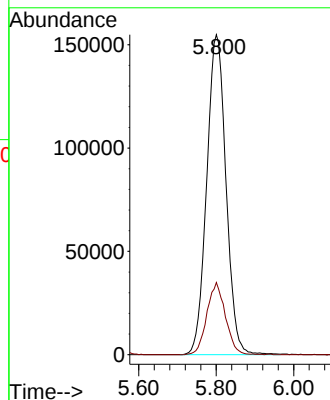
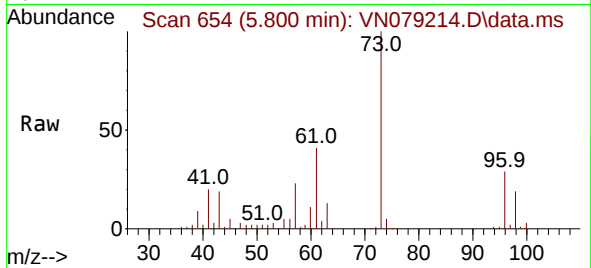
#19
Methyl tert-butyl Ether
Concen: 97.642 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 53550
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

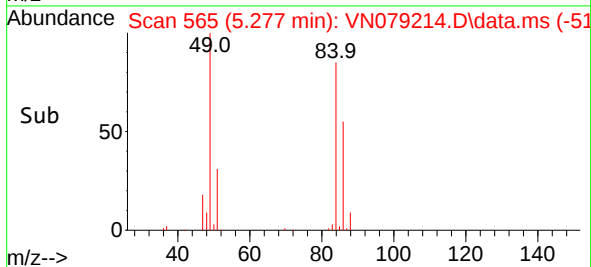
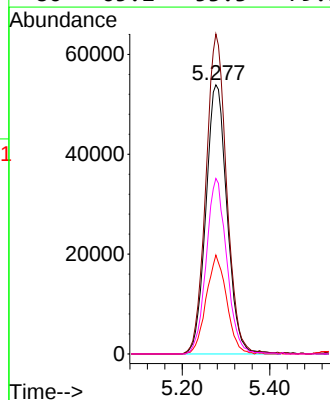
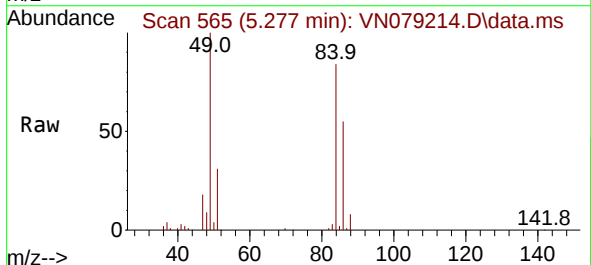
Manual Integrations
APPROVED

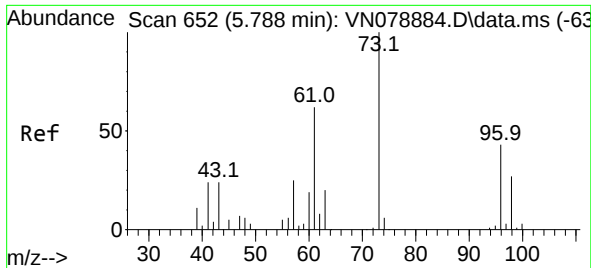
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 86.812 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

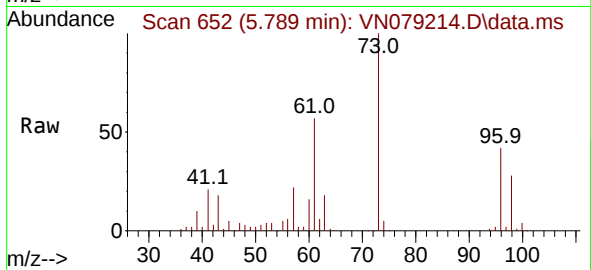
Tgt Ion: 84 Resp: 181597
Ion Ratio Lower Upper
84 100
49 118.9 79.7 119.5
51 36.7 25.2 37.8
86 65.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 93.251 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

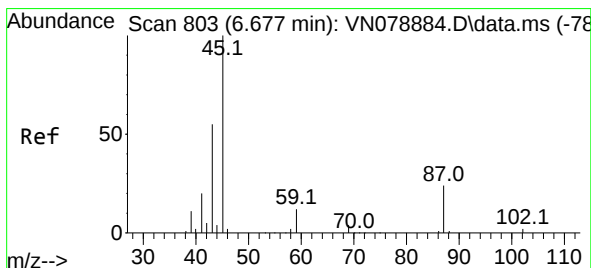
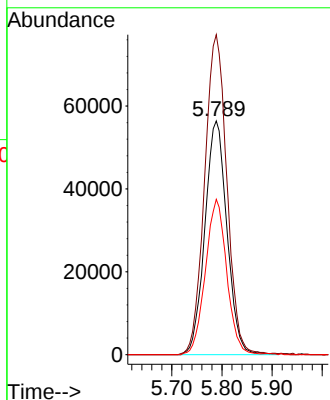
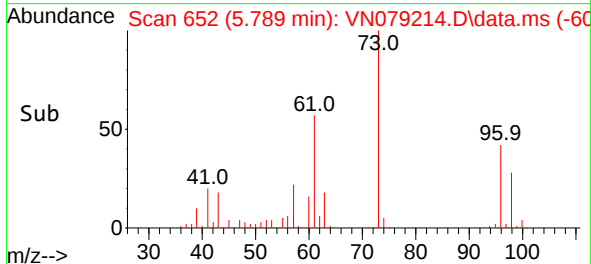
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100



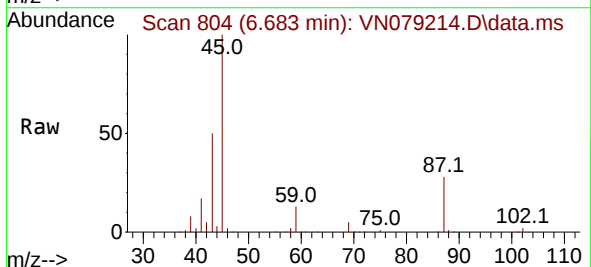
Tgt Ion: 96 Resp: 172984
Ion Ratio Lower Upper
96 100
61 136.9 90.1 135.1
98 66.4 46.4 69.6

Manual Integrations
APPROVED

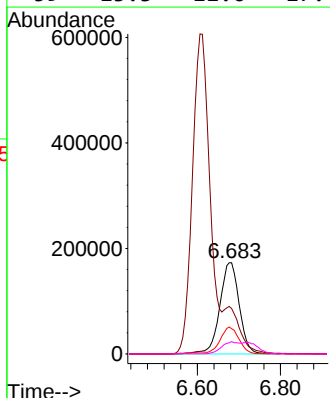
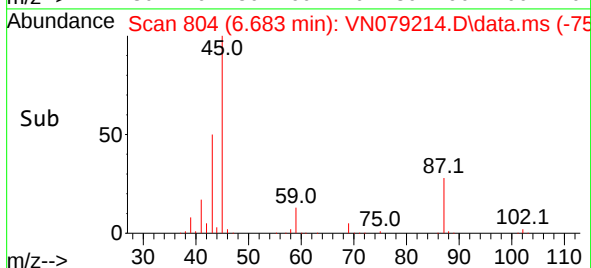
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

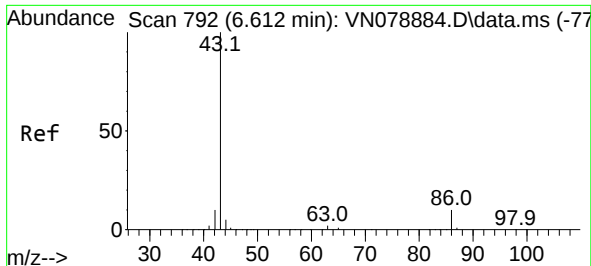


#22
Diisopropyl ether
Concen: 100.435 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



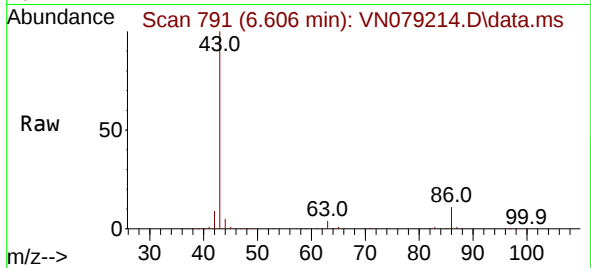
Tgt Ion: 45 Resp: 562146
Ion Ratio Lower Upper
45 100
43 48.9 45.5 68.3
87 27.7 31.8 47.8
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 477.312 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07

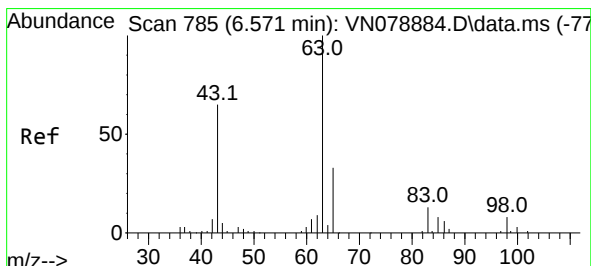
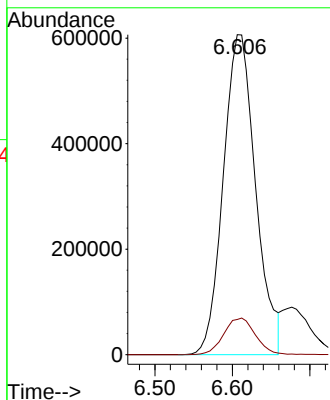
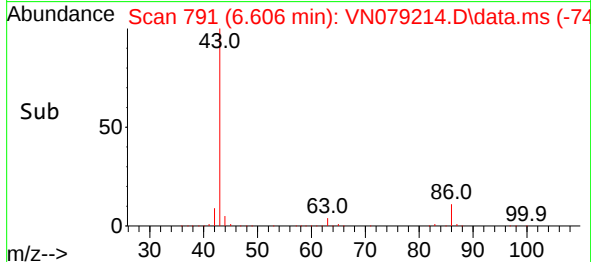
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC100



Tgt Ion: 43 Resp: 176483
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6

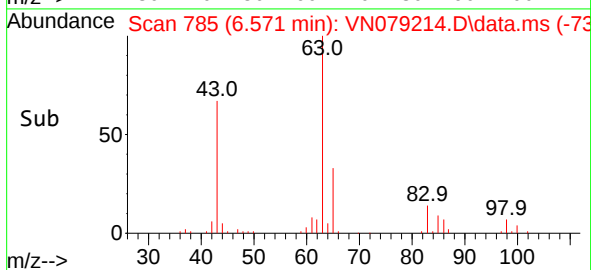
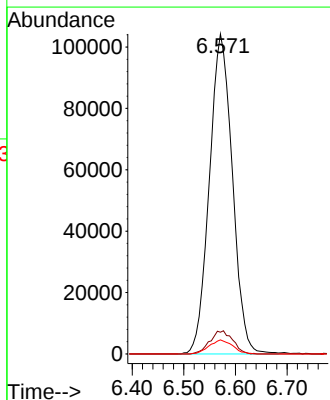
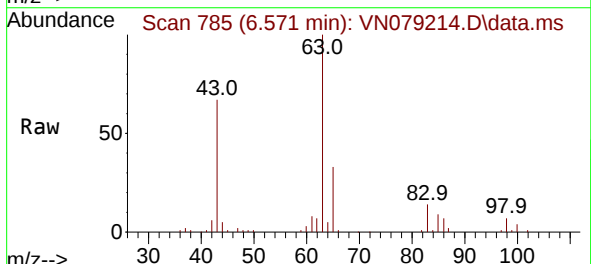
Manual Integrations
 APPROVED

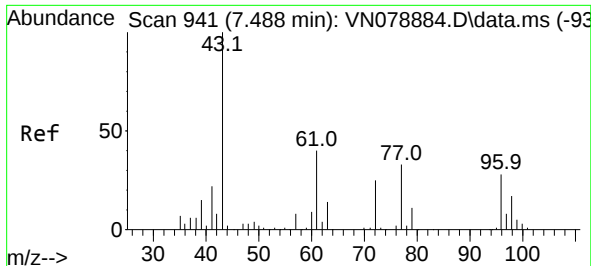
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 93.381 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07

Tgt Ion: 63 Resp: 322202
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.4 2.5 7.4





#25

2-Butanone

Concen: 507.190 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 632572

Ion Ratio Lower Upper

43 100

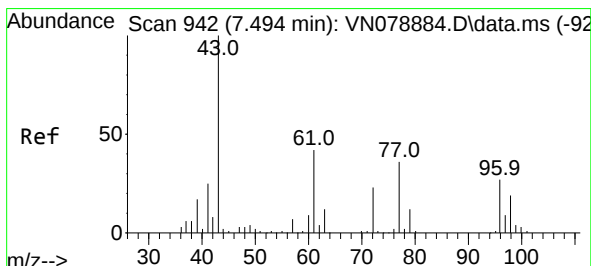
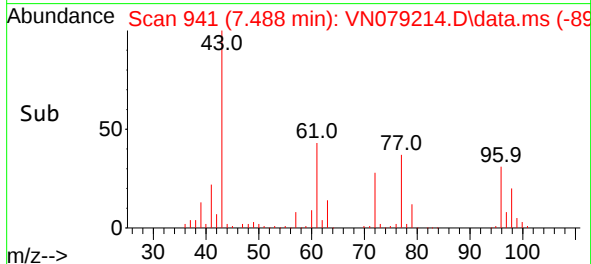
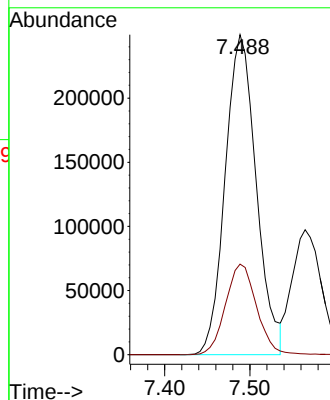
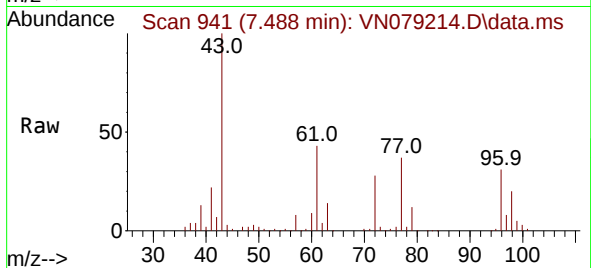
72 28.3 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#26

2,2-Dichloropropane

Concen: 96.997 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079214.D

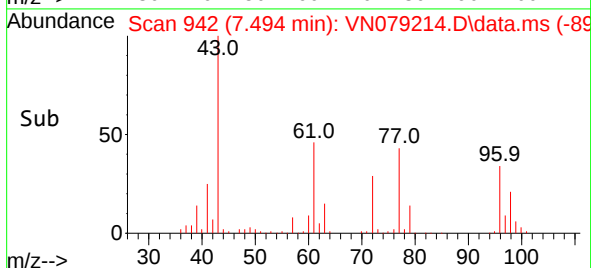
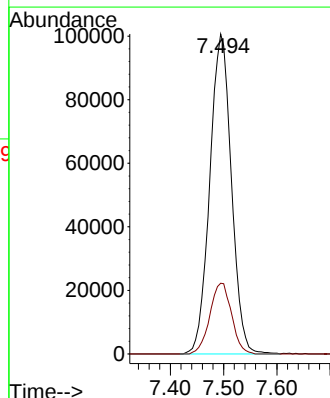
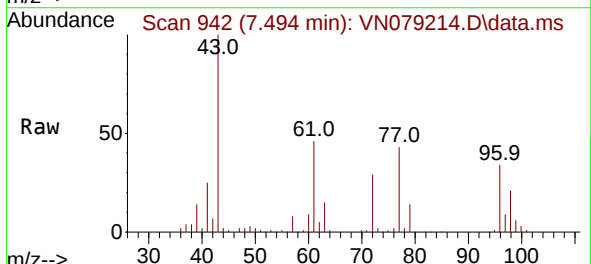
Acq: 11 Sep 2023 13:07

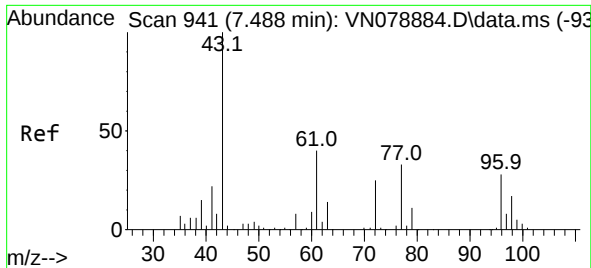
Tgt Ion: 77 Resp: 283148

Ion Ratio Lower Upper

77 100

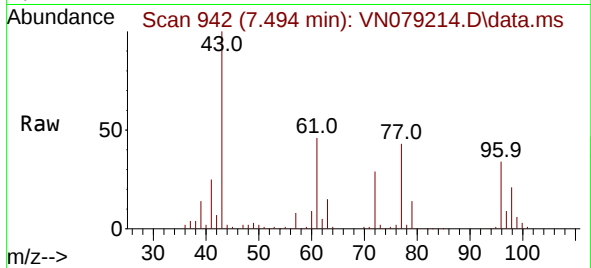
97 22.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 97.088 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07

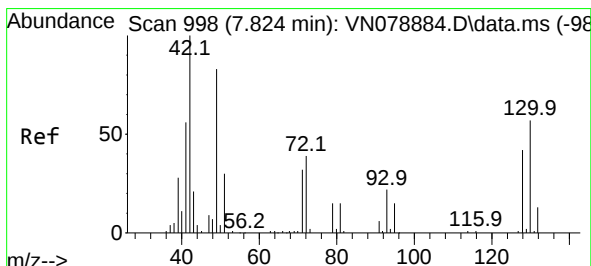
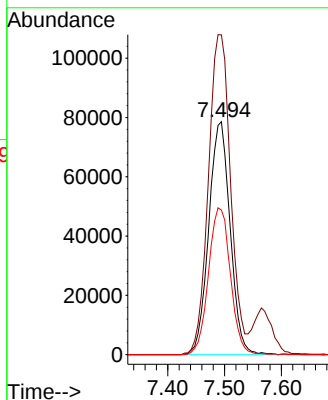
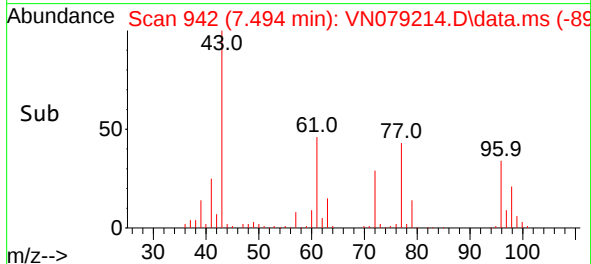
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 96 Resp: 20593
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 255.2
 98 64.5 0.0 128.8

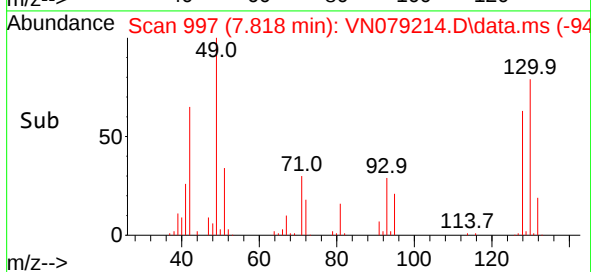
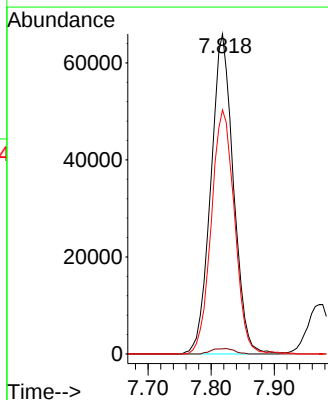
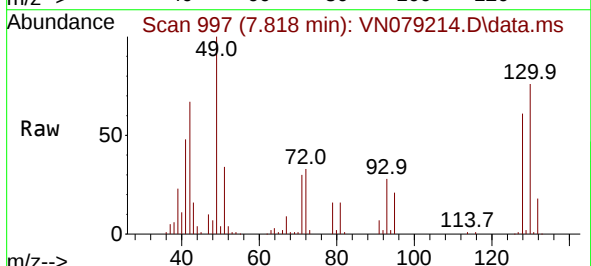
Manual Integrations
 APPROVED

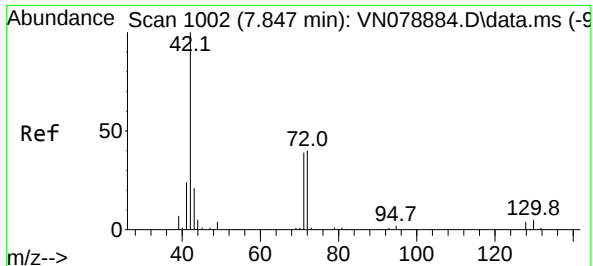
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 105.186 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07

Tgt Ion: 49 Resp: 164094
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 78.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 495.626 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

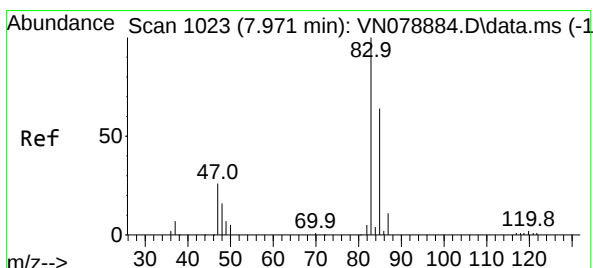
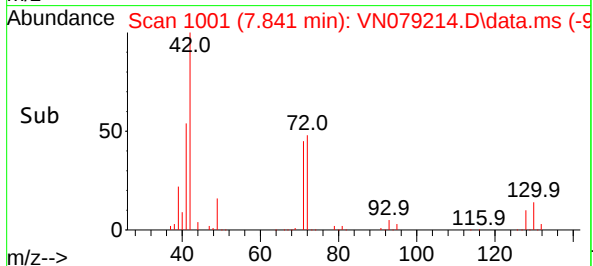
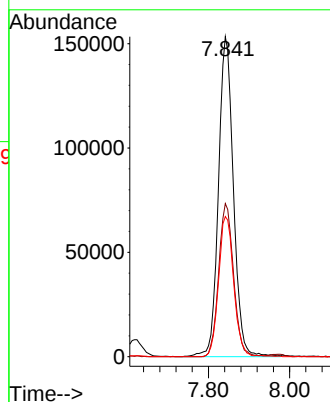
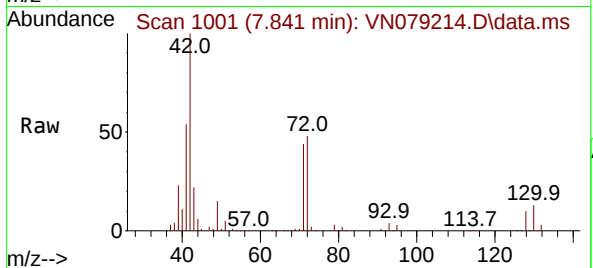
Tgt Ion: 42 Resp: 393372
 Ion Ratio Lower Upper
 42 100
 72 47.7 49.8 74.6
 71 44.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 93.589 ug/l

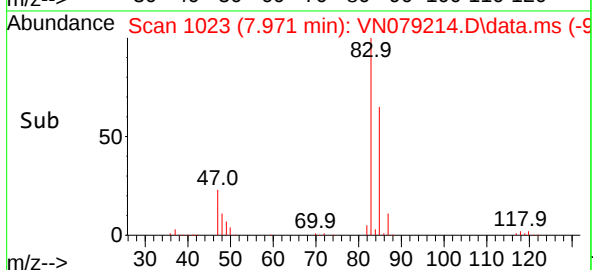
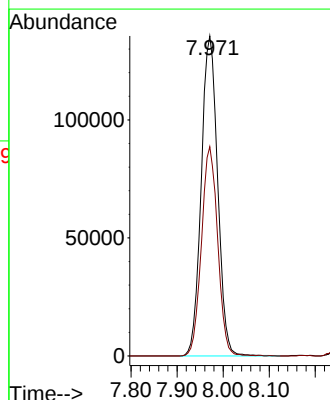
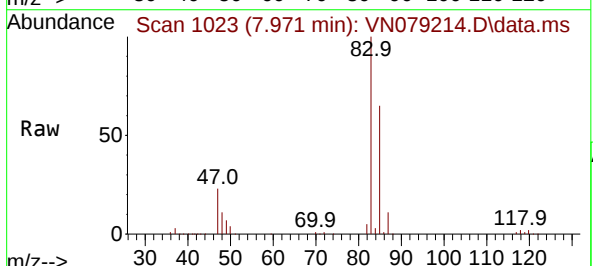
RT: 7.971 min Scan# 1023

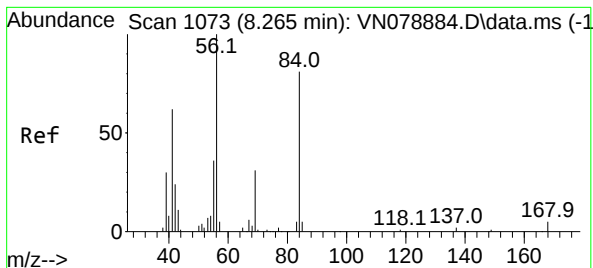
Delta R.T. -0.006 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Tgt Ion: 83 Resp: 336209
 Ion Ratio Lower Upper
 83 100
 85 65.4 55.4 83.0





#31

Cyclohexane

Concen: 90.376 ug/l

RT: 8.259 min Scan# 1073

Delta R.T. -0.006 min

Lab File: VN079214.D

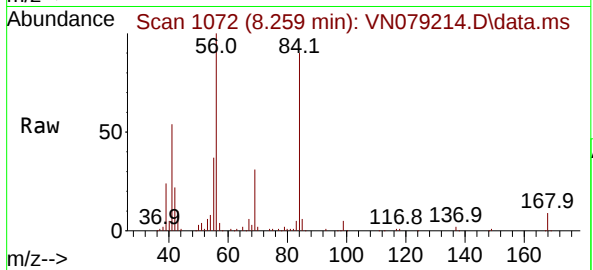
Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



Tgt Ion: 56 Resp: 26708

Ion Ratio Lower Upper

56 100

69 31.0 26.8 40.2

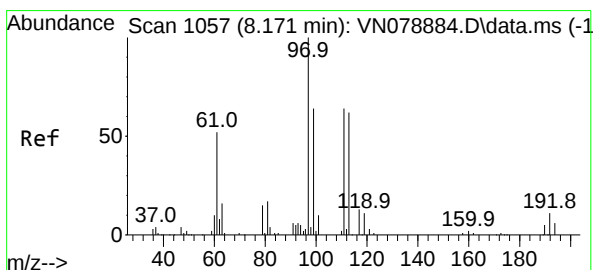
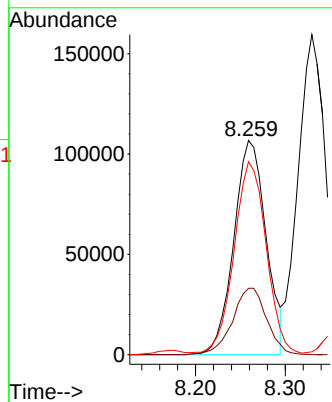
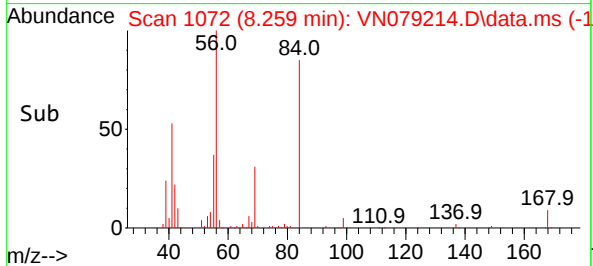
84 88.6 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#32

1,1,1-Trichloroethane

Concen: 97.265 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

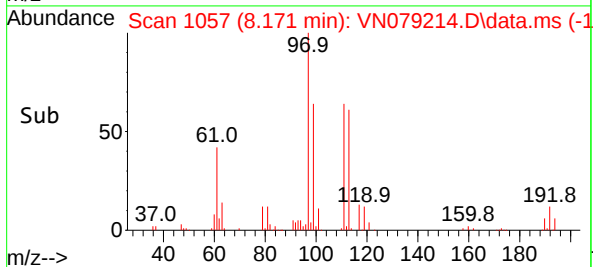
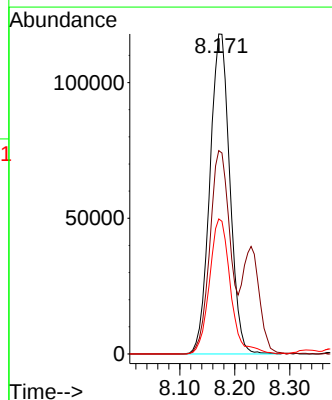
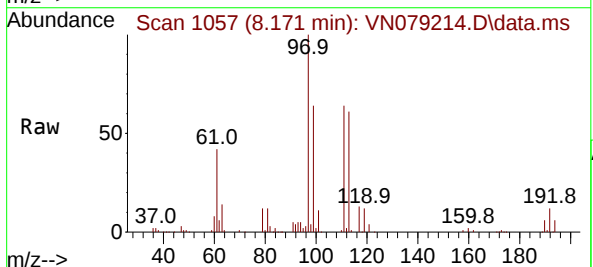
Tgt Ion: 97 Resp: 297851

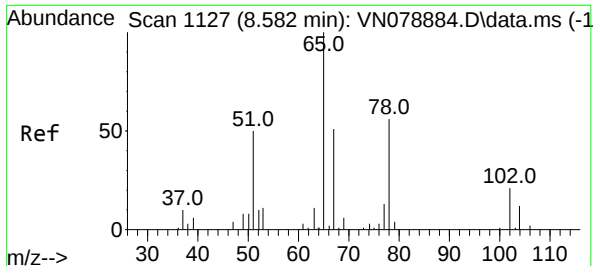
Ion Ratio Lower Upper

97 100

99 65.0 50.3 75.5

61 44.3 34.7 52.1





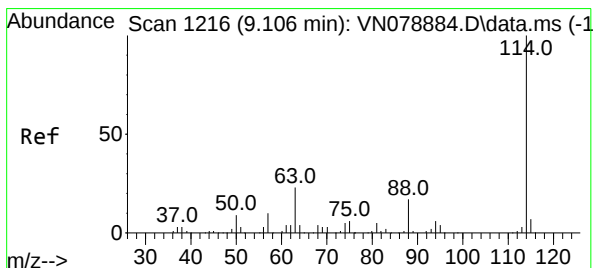
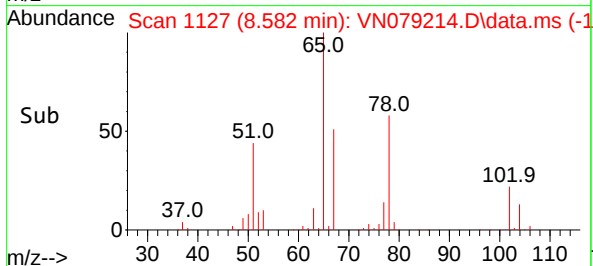
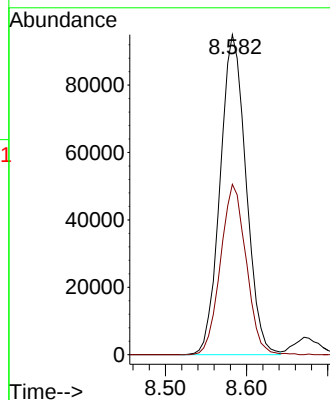
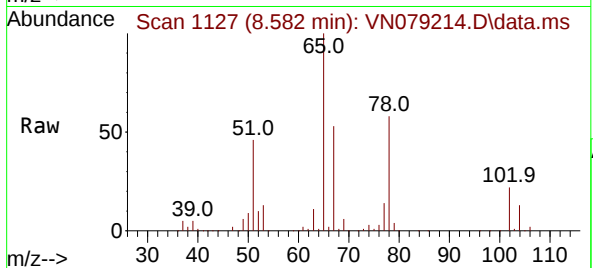
#33
1,2-Dichloroethane-d4
Concen: 103.966 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 210424
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

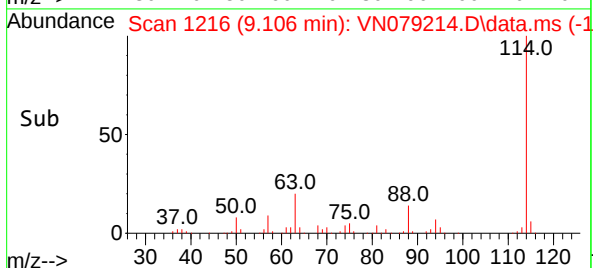
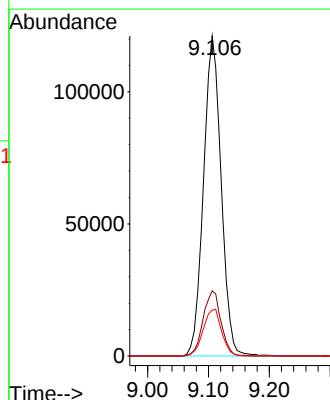
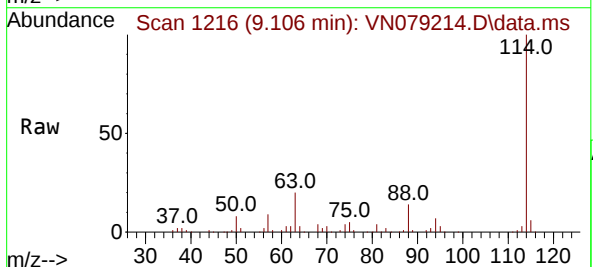
Manual Integrations
APPROVED

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: VN079214.D
Acq: 11 Sep 2023 13:07

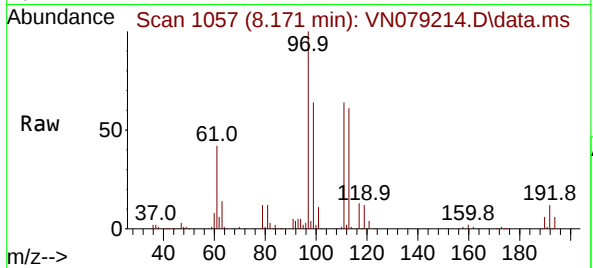
Tgt Ion:114 Resp: 243596
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 105.444 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

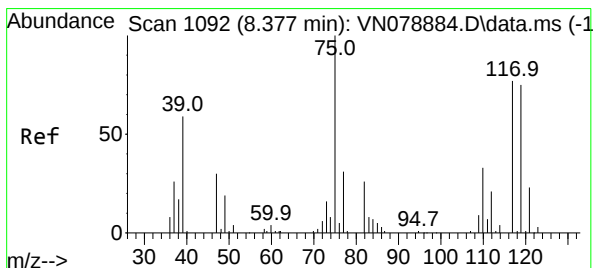
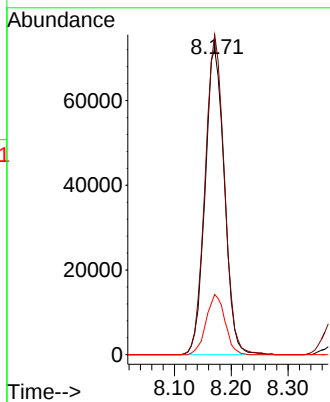
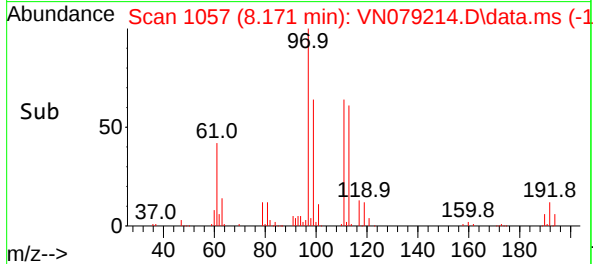
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



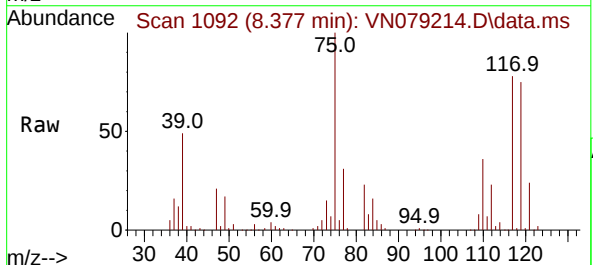
Tgt Ion: 113 Resp: 170850
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.1 12.7 19.1

Manual Integrations
APPROVED

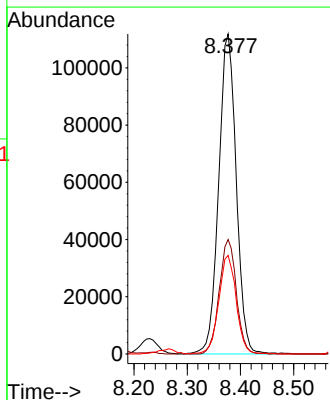
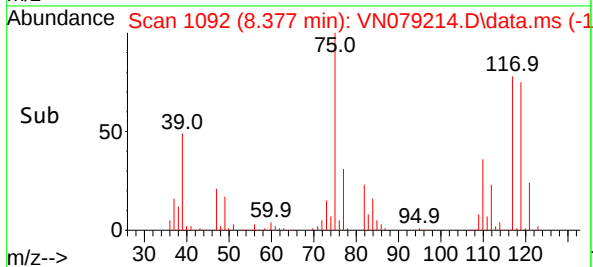
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

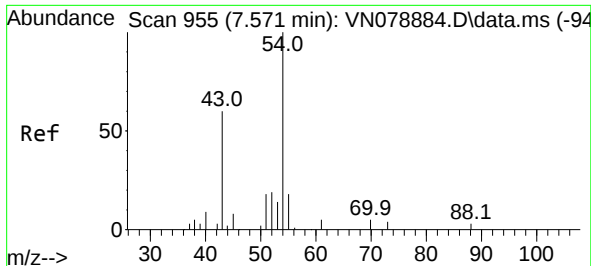


#36
1,1-Dichloropropene
Concen: 102.516 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



Tgt Ion: 75 Resp: 256041
Ion Ratio Lower Upper
75 100
110 34.8 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 98.484 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 24198

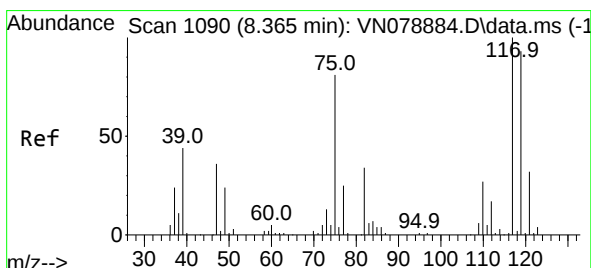
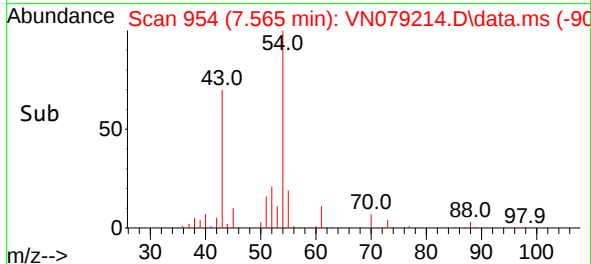
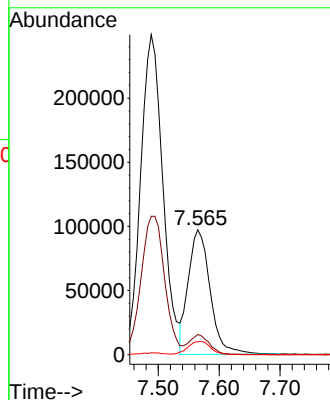
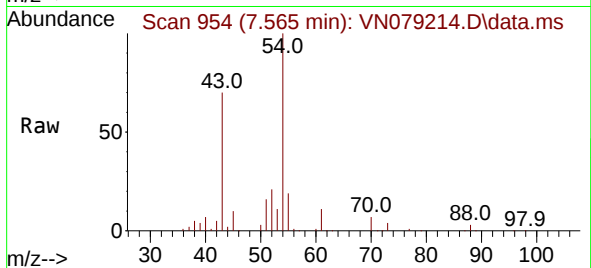
Ion	Ratio	Lower	Upper
43	100		
61	14.9	13.2	19.8
70	11.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#38

Carbon Tetrachloride

Concen: 100.536 ug/l

RT: 8.365 min Scan# 1090

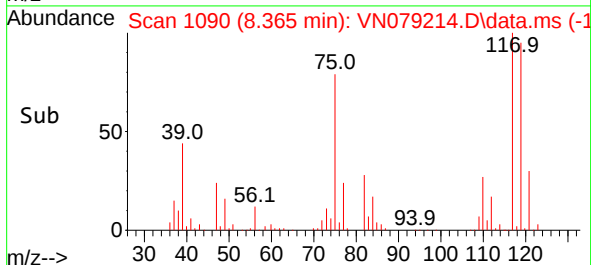
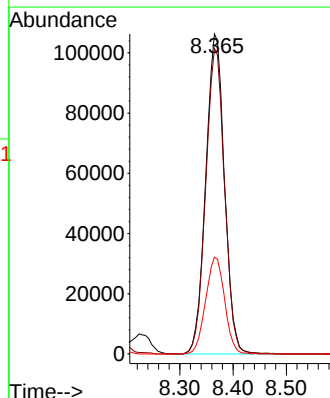
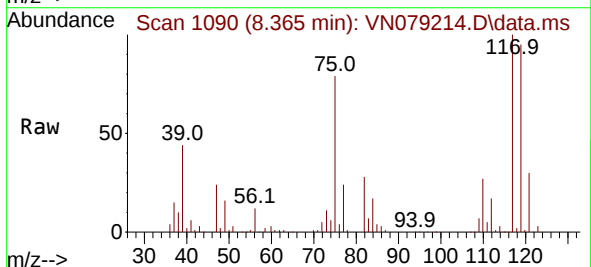
Delta R.T. -0.006 min

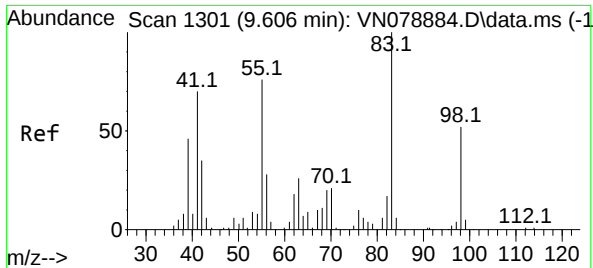
Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Tgt Ion:117 Resp: 259845

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
121	30.2	23.3	34.9





#39

Methylcyclohexane

Concen: 108.750 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 267919

Ion Ratio Lower Upper

83 100

55 75.1 49.1 73.7

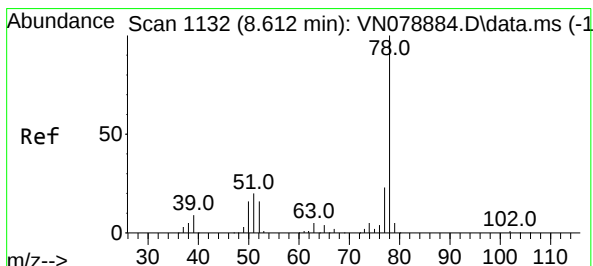
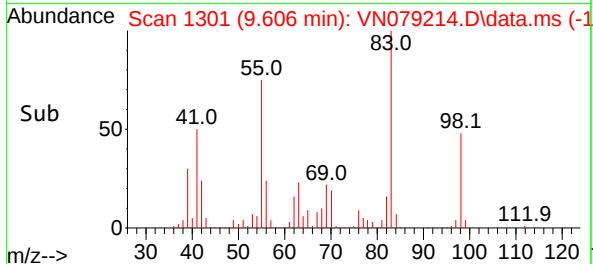
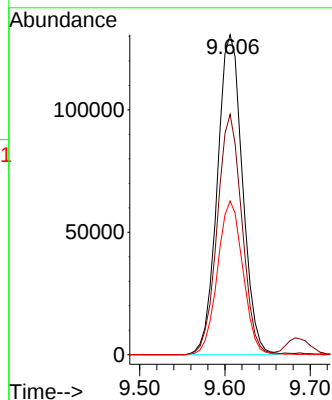
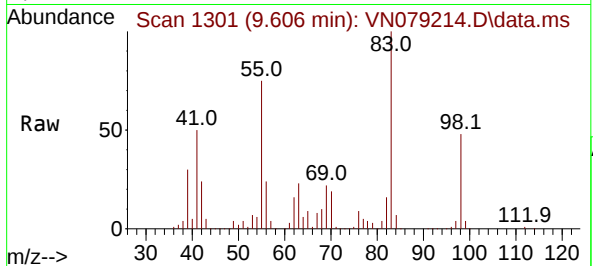
98 48.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Benzene

Concen: 100.167 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079214.D

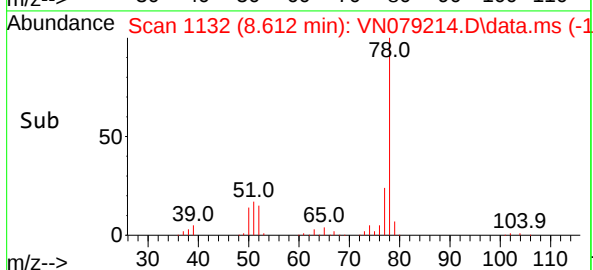
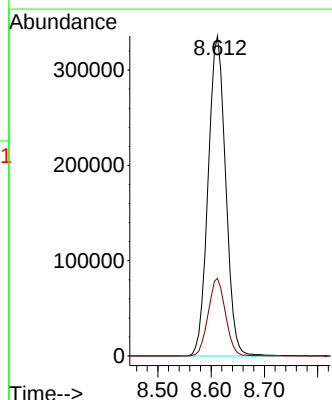
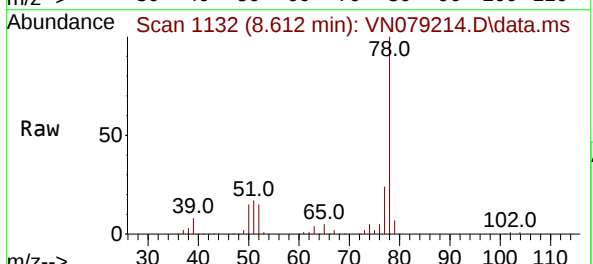
Acq: 11 Sep 2023 13:07

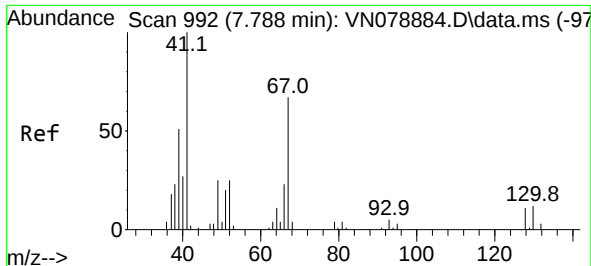
Tgt Ion: 78 Resp: 765846

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 104.556 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

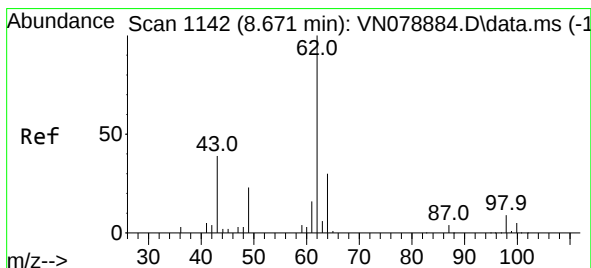
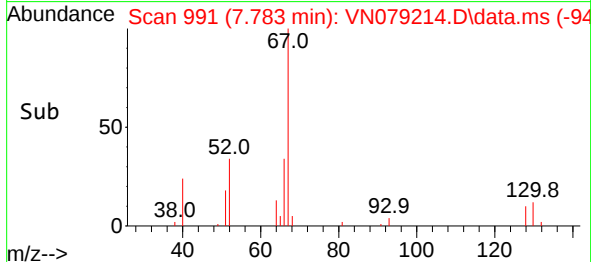
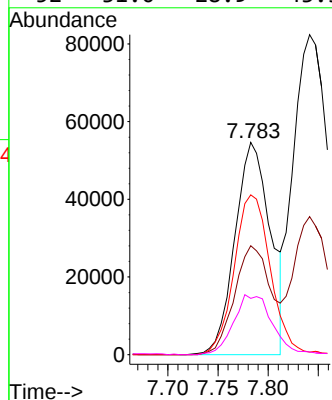
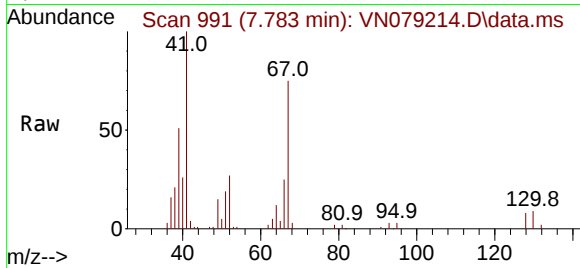
VSTDIC100

Tgt Ion: 41 Resp: 134590
Ion Ratio Lower Upper
41 100
39 52.7 42.6 64.0
67 77.2 77.5 116.3
52 31.0 28.9 43.3

Manual Integrations

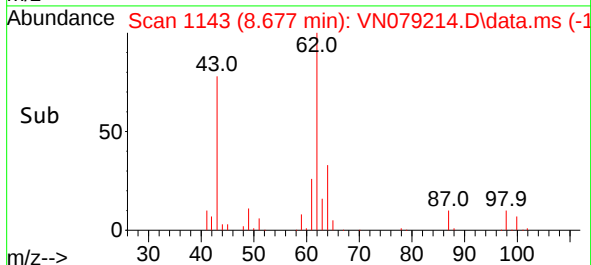
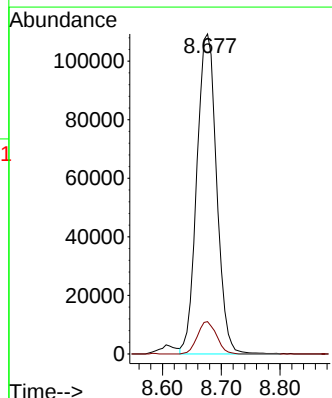
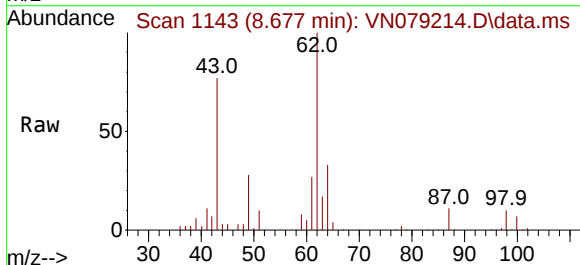
APPROVED

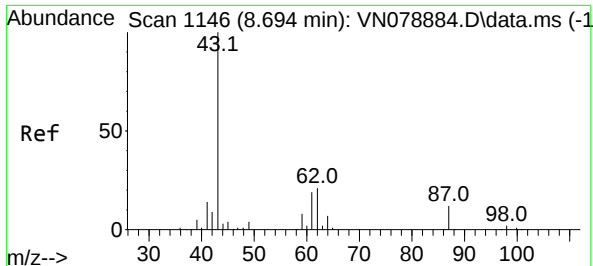
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 97.209 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion: 62 Resp: 255866
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





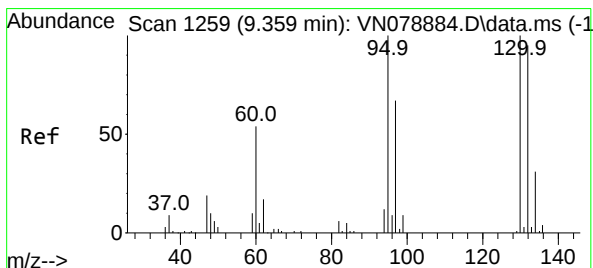
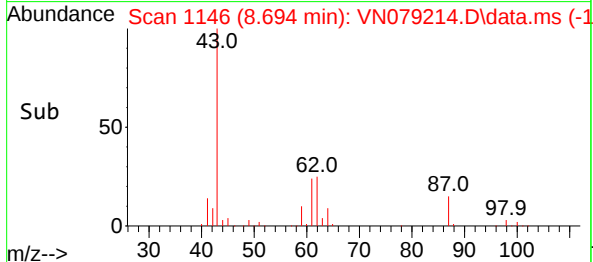
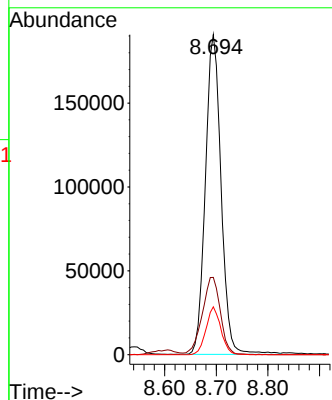
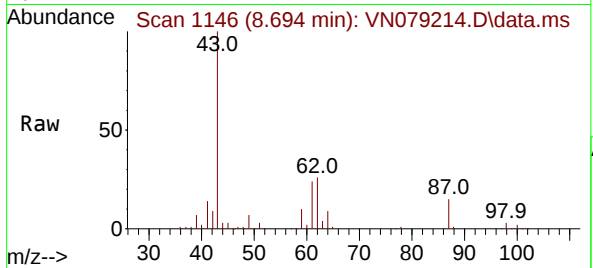
#43
Isopropyl Acetate
Concen: 99.005 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 40243
Ion Ratio Lower Upper
43 100
61 27.9 24.7 37.1
87 14.1 14.6 21.8

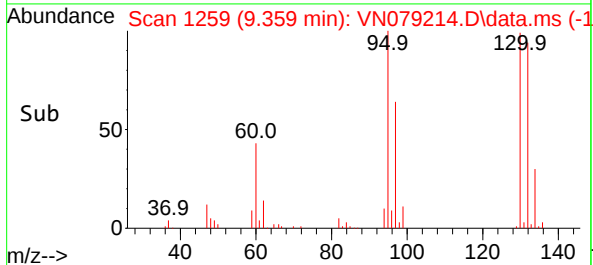
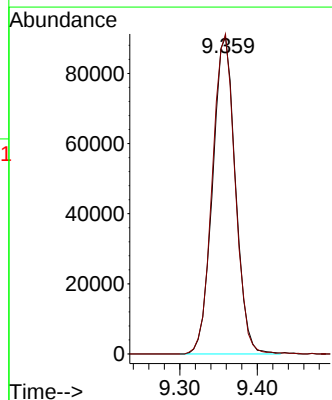
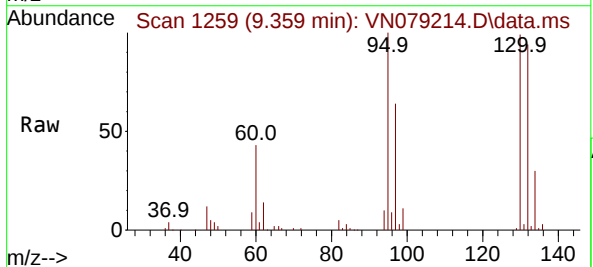
Manual Integrations
APPROVED

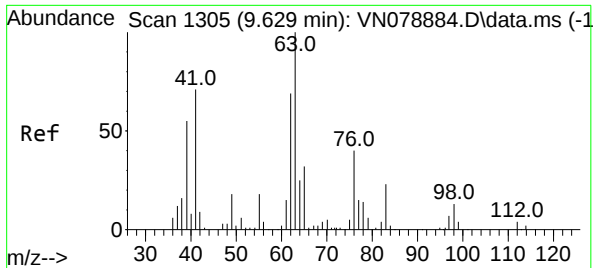
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#44
Trichloroethene
Concen: 98.103 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion:130 Resp: 184772
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 103.285 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 19598

Ion Ratio Lower Upper

63 100

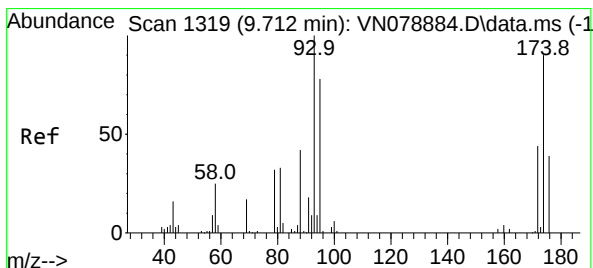
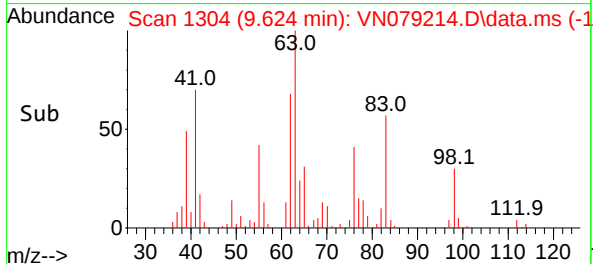
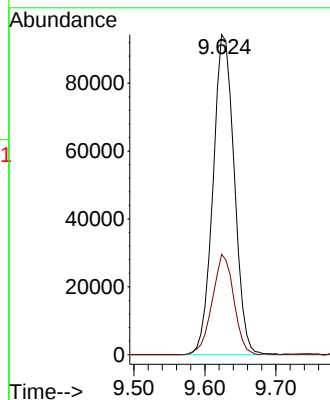
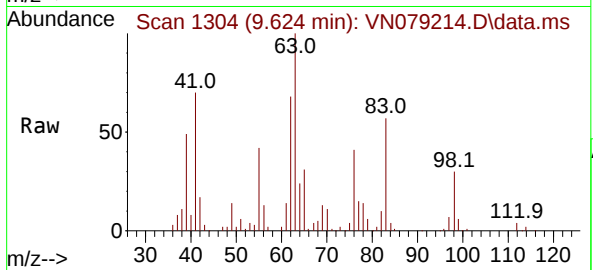
65 31.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 101.669 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

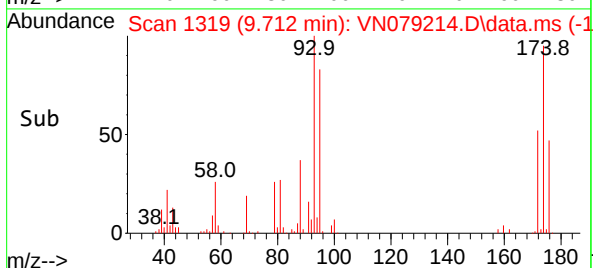
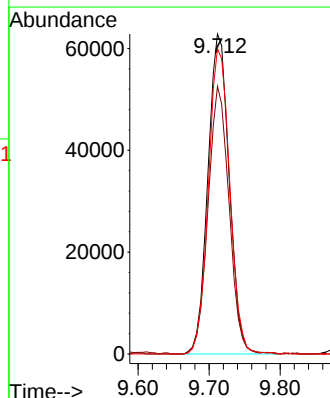
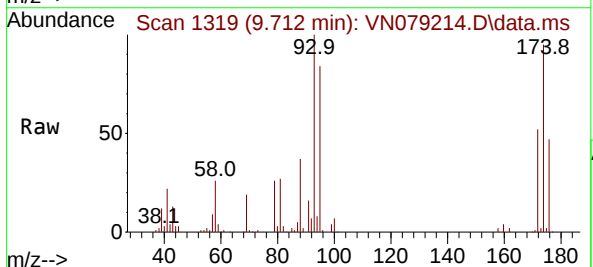
Tgt Ion: 93 Resp: 130961

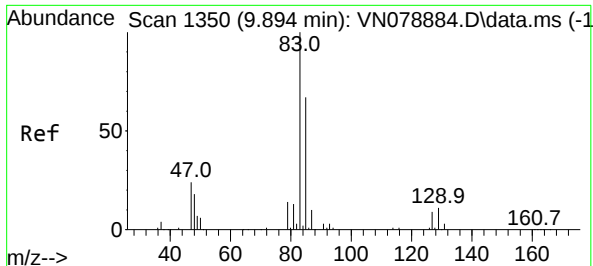
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

174 95.9 65.6 98.4





#47

Bromodichloromethane

Concen: 102.588 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

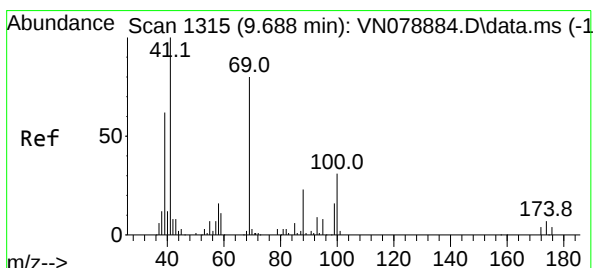
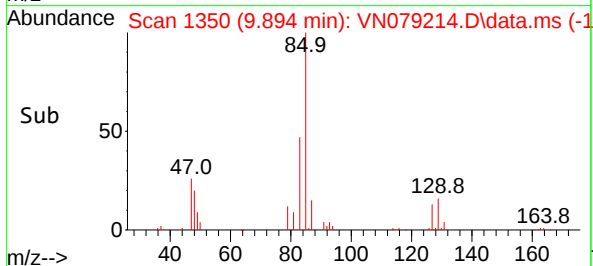
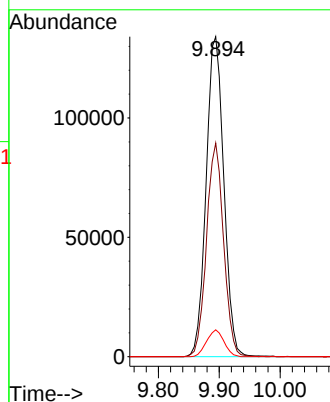
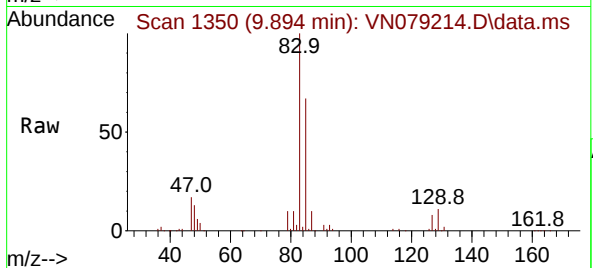
Tgt Ion:	83	Resp:	27066
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.6	74.4
127	8.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#48

Methyl methacrylate

Concen: 106.543 ug/l

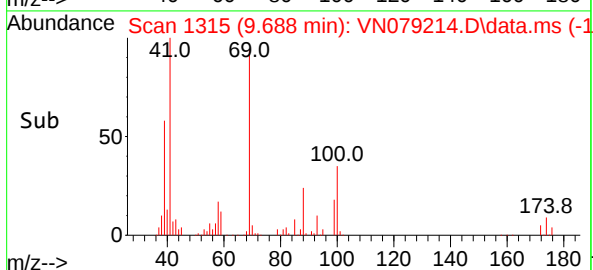
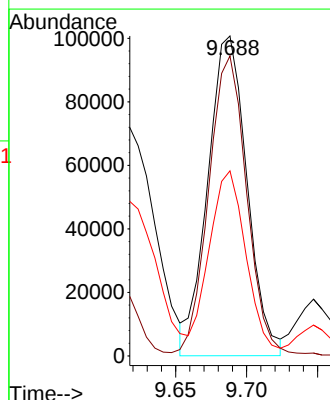
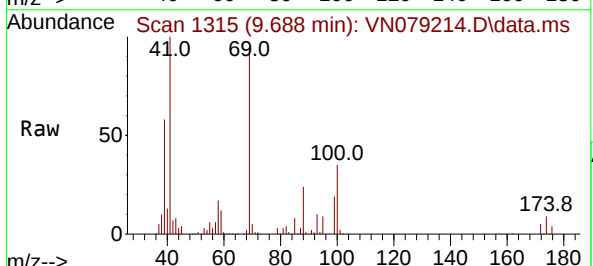
RT: 9.688 min Scan# 1315

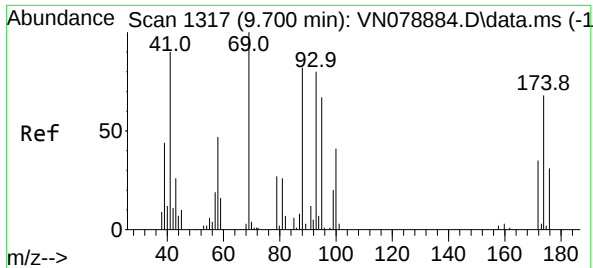
Delta R.T. 0.000 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

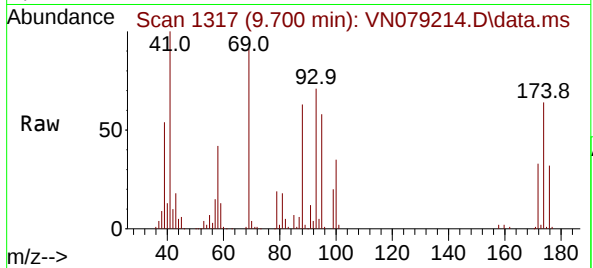
Tgt Ion:	41	Resp:	193982
Ion	Ratio	Lower	Upper
41	100		
69	91.6	90.4	135.6
39	54.6	54.6	81.8





#49
1,4-Dioxane
Concen: 1943.882 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

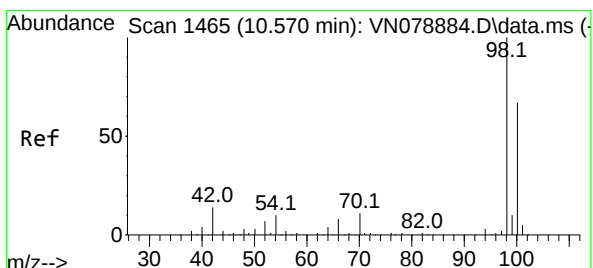
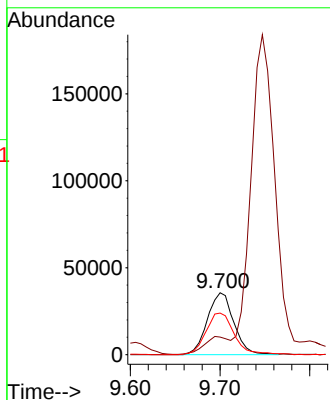
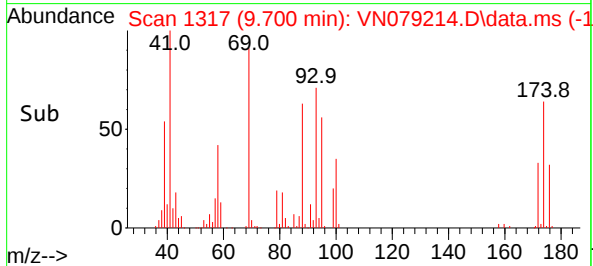
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



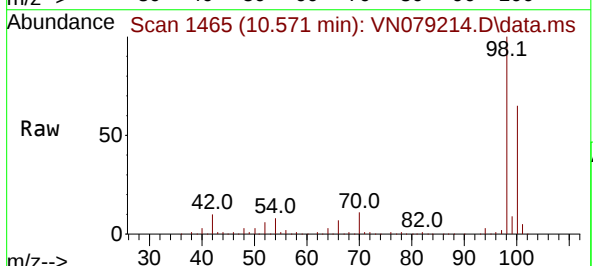
Tgt Ion: 88 Resp: 72795
Ion Ratio Lower Upper
88 100
43 27.2 17.0 25.6
58 72.3 47.0 70.4

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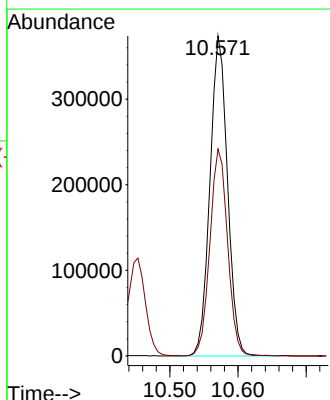
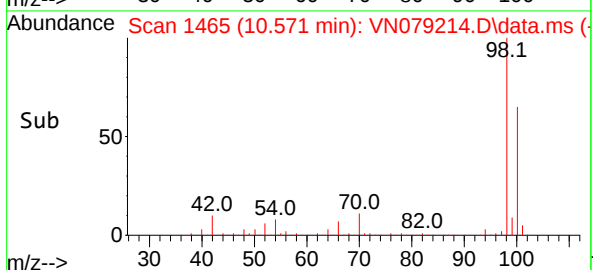
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

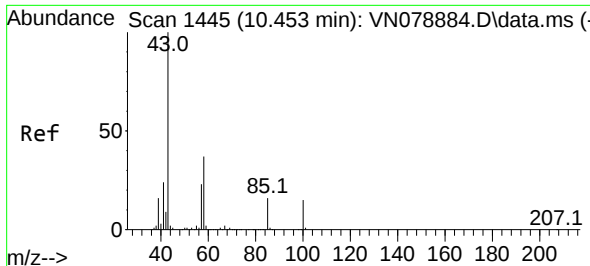


#50
Toluene-d8
Concen: 112.503 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



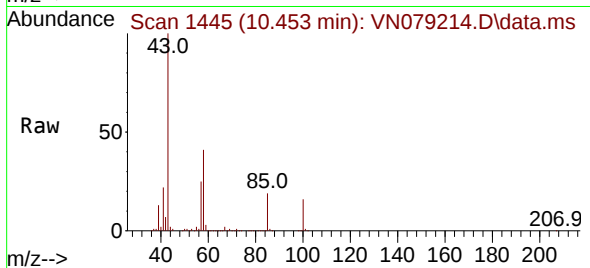
Tgt Ion: 98 Resp: 669357
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 532.707 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

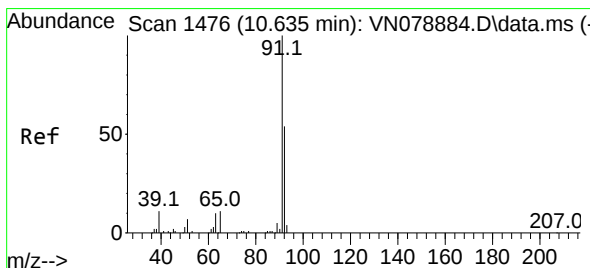
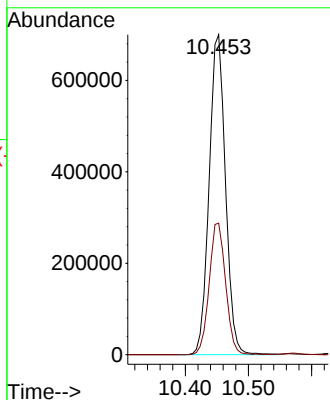
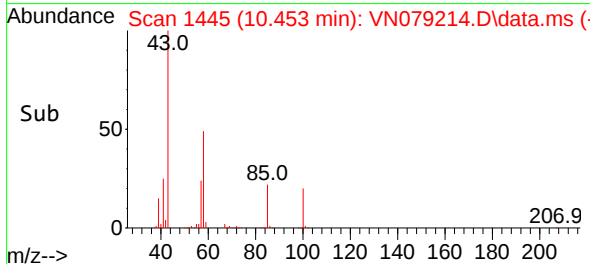
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



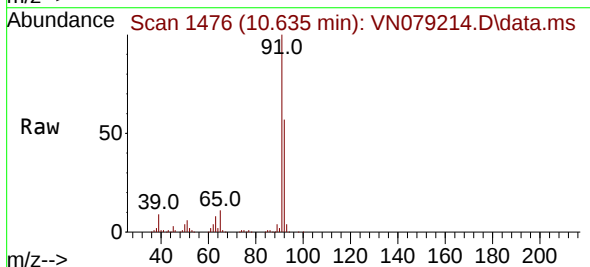
Tgt Ion: 43 Resp: 1256959
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

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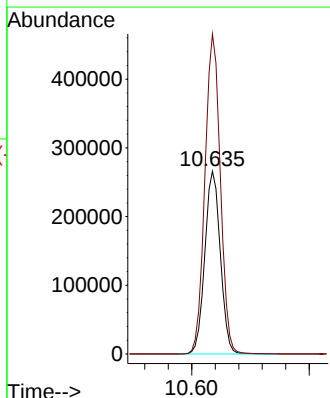
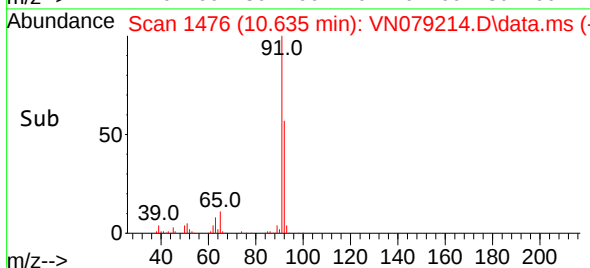
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

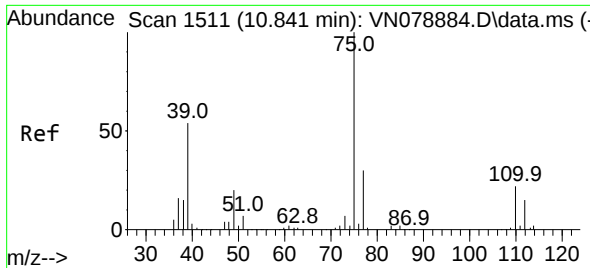


#52
Toluene
Concen: 103.320 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



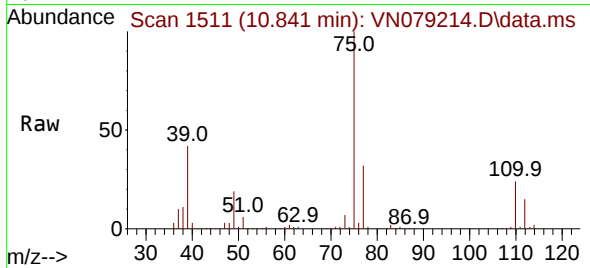
Tgt Ion: 92 Resp: 485470
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 108.859 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

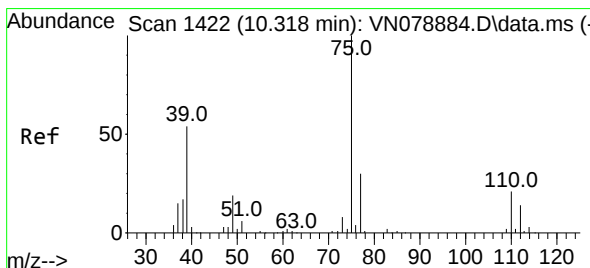
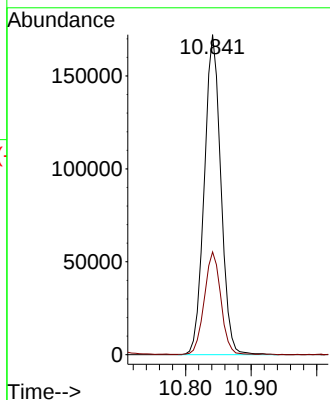
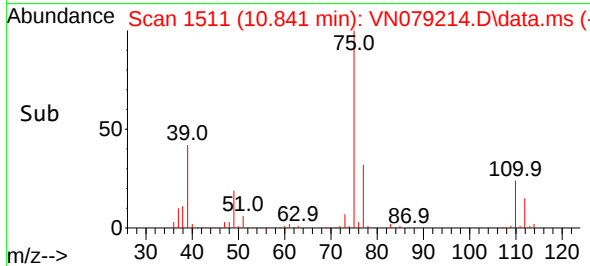
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 302839
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

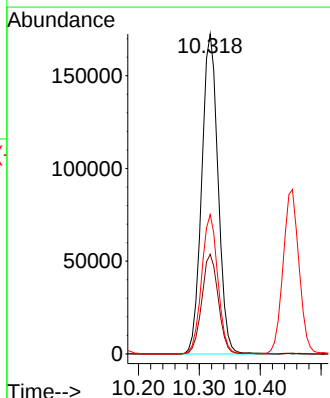
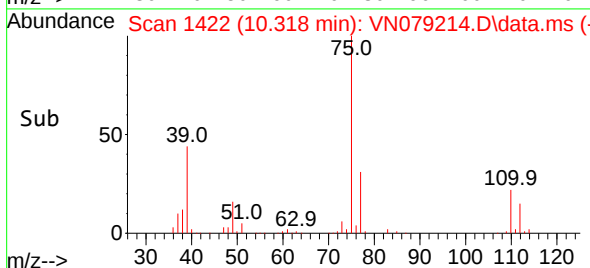
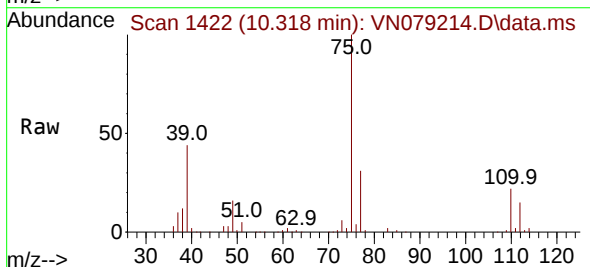
Manual Integrations
APPROVED

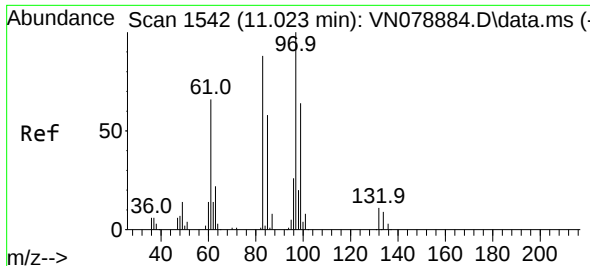
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#54
cis-1,3-Dichloropropene
Concen: 108.078 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

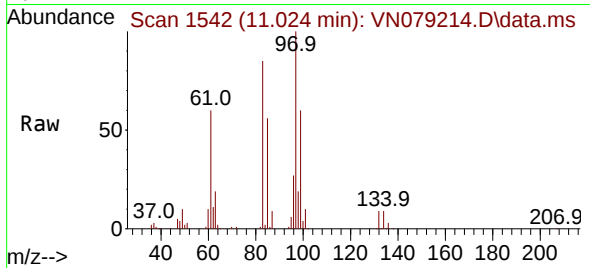
Tgt Ion: 75 Resp: 321582
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 43.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 100.359 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

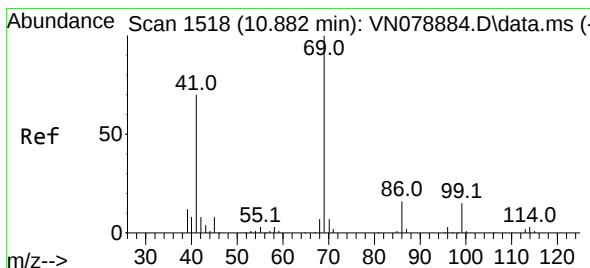
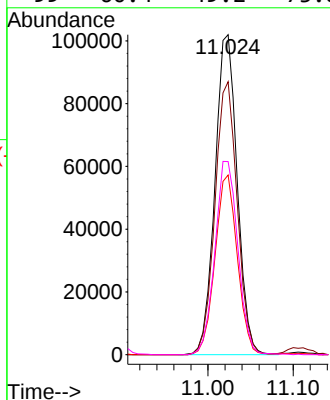
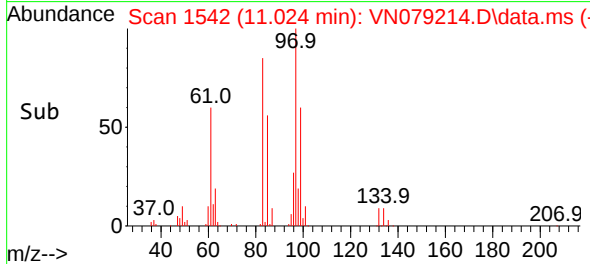
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



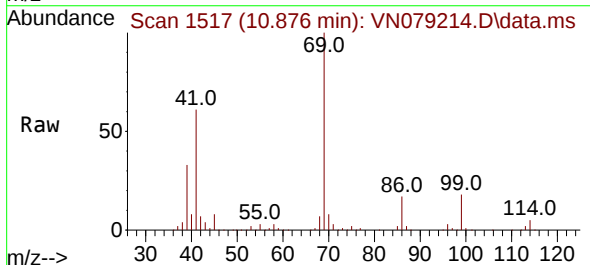
Tgt Ion: 97 Resp: 18503
Ion Ratio Lower Upper
97 100
83 85.3 65.1 97.7
85 56.2 43.4 65.2
99 60.4 49.2 73.8

Manual Integrations
APPROVED

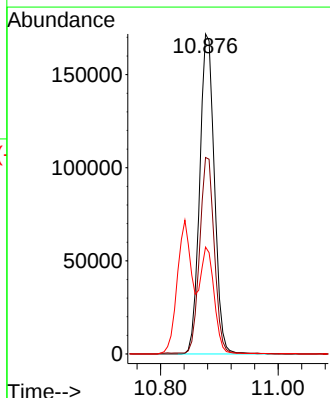
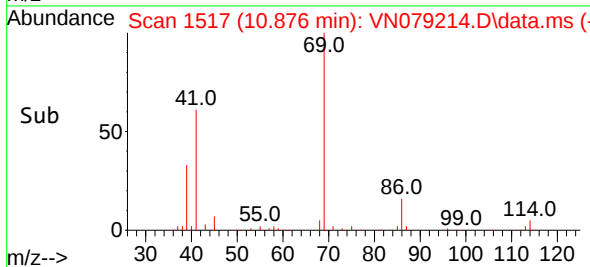
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

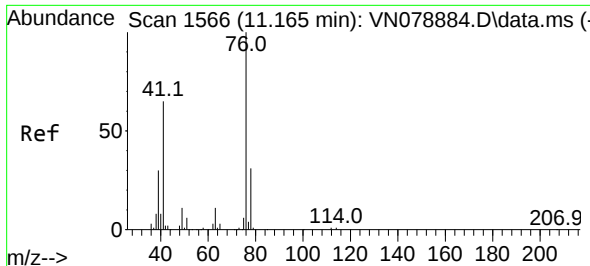


#56
Ethyl methacrylate
Concen: 114.524 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



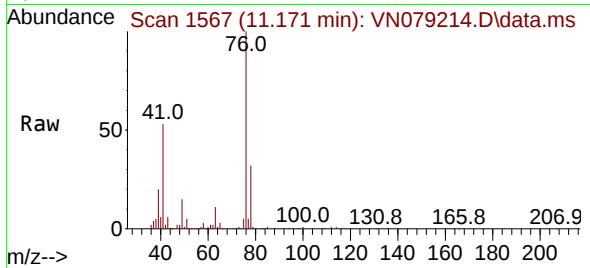
Tgt Ion: 69 Resp: 298060
Ion Ratio Lower Upper
69 100
41 60.6 39.6 59.4#
39 32.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 102.703 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

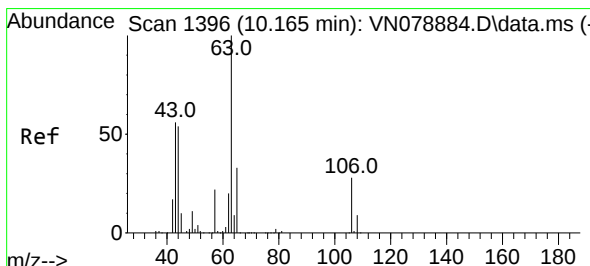
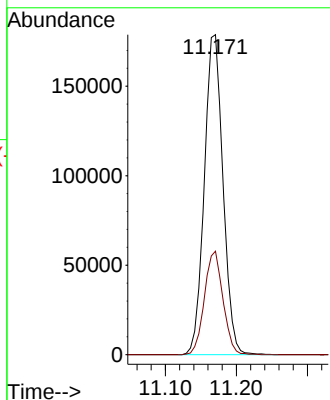
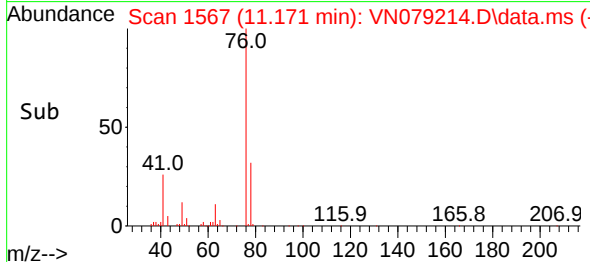
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 32733
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

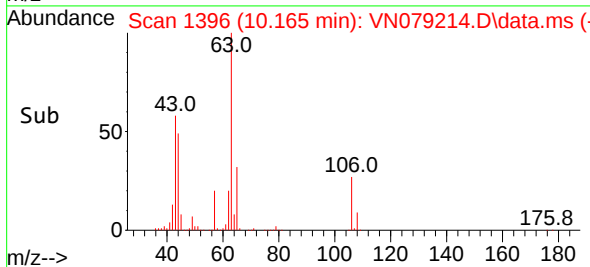
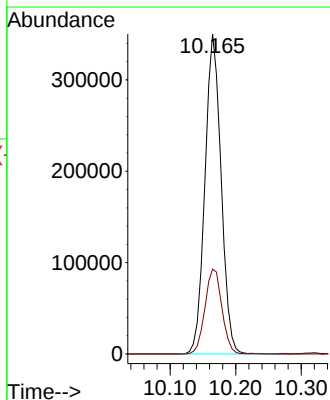
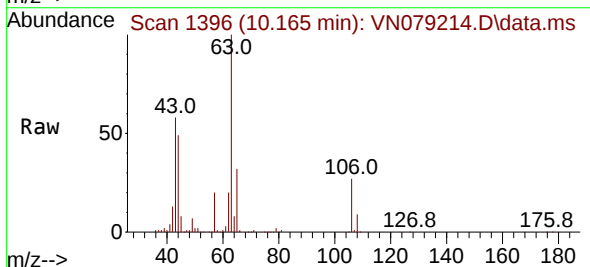
Manual Integrations
APPROVED

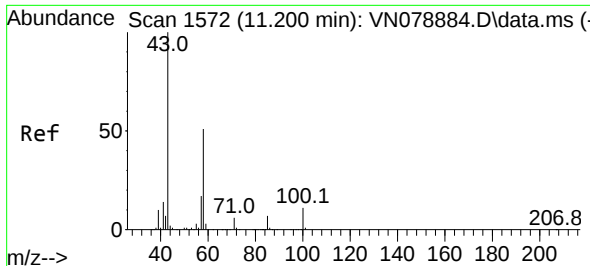
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 493.255 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

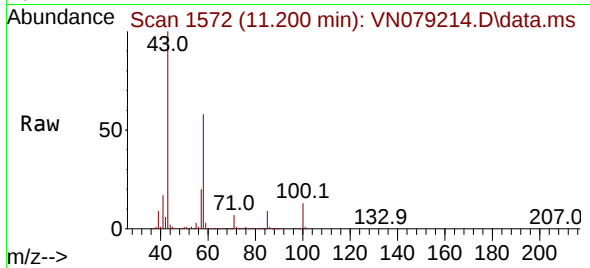
Tgt Ion: 63 Resp: 600703
Ion Ratio Lower Upper
63 100
106 27.8 26.2 39.4





#59
2-Hexanone
Concen: 549.959 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

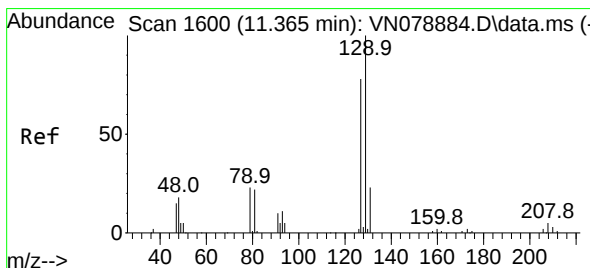
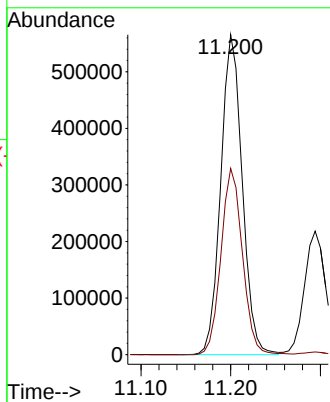
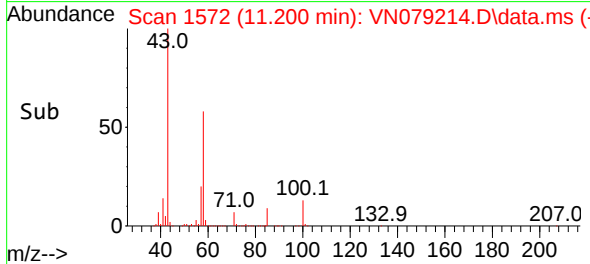
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 939885
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1

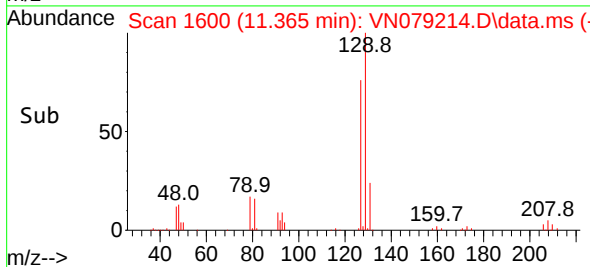
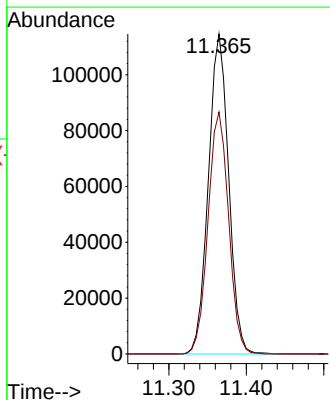
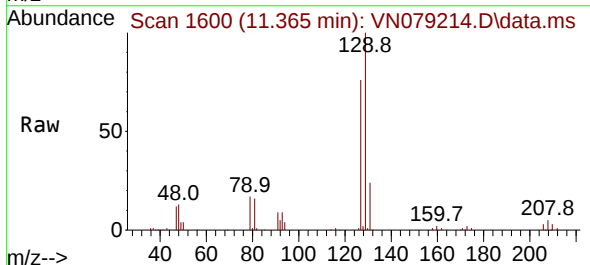
Manual Integrations
APPROVED

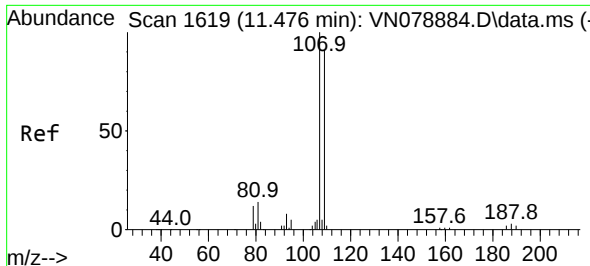
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 106.113 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

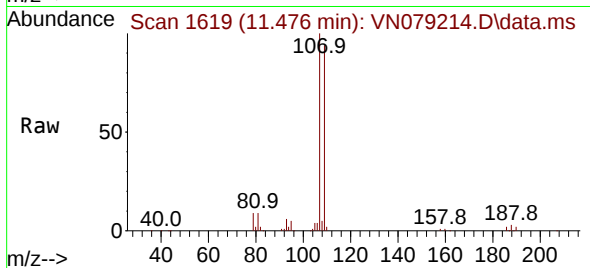
Tgt Ion:129 Resp: 208214
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 105.128 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

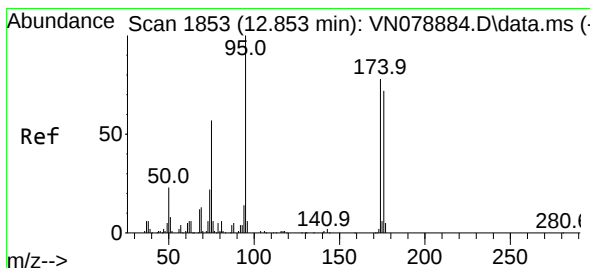
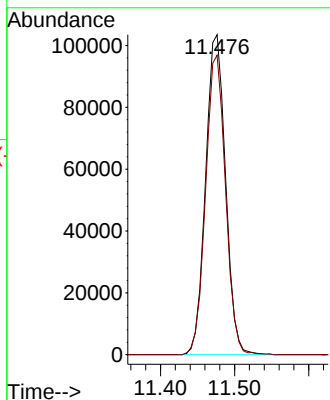
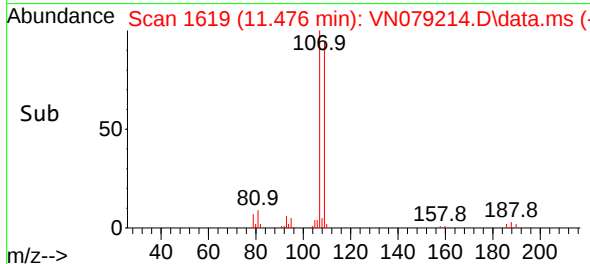
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



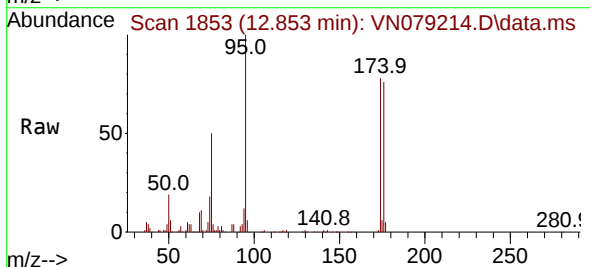
Tgt Ion:107 Resp: 193429
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8

Manual Integrations
APPROVED

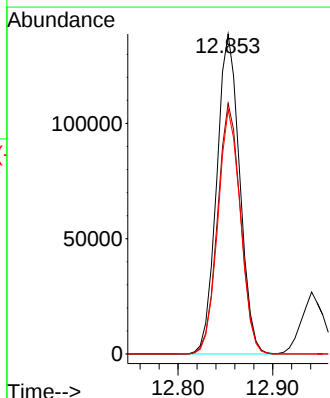
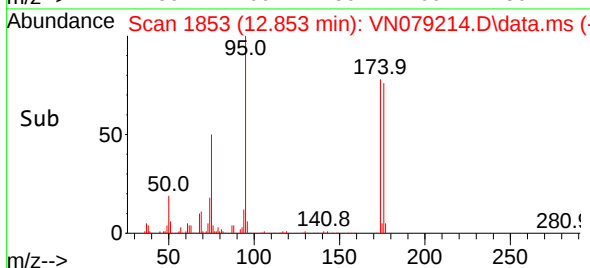
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

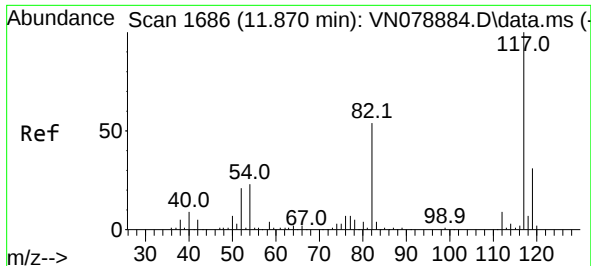


#62
4-Bromofluorobenzene
Concen: 123.364 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



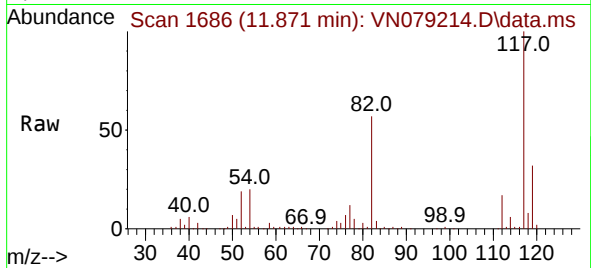
Tgt Ion: 95 Resp: 234124
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 75.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

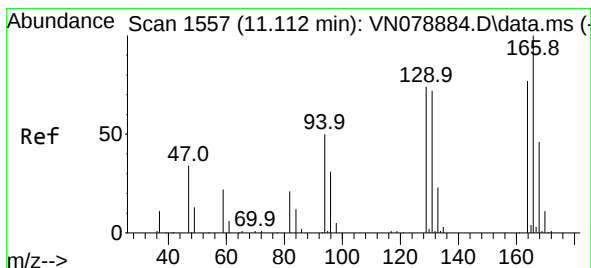
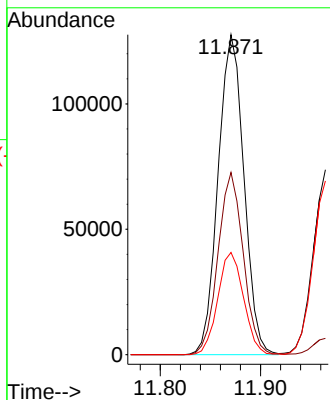
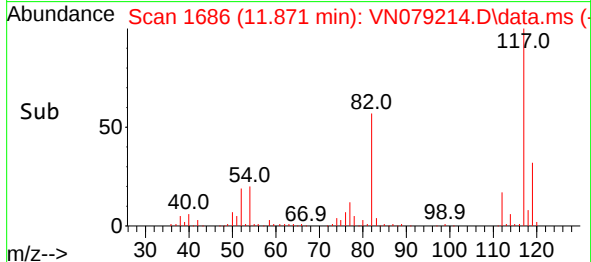
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 227983
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.9 25.6 38.4

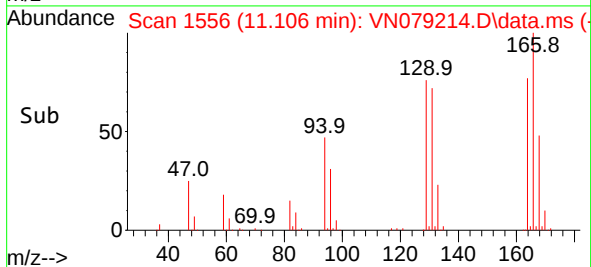
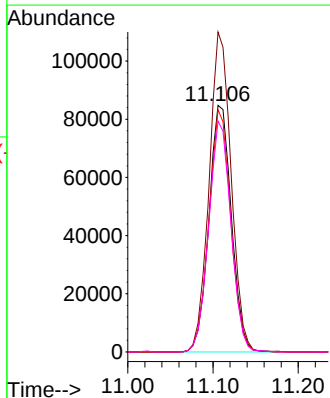
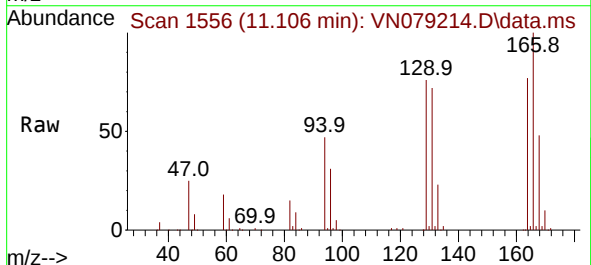
Manual Integrations
APPROVED

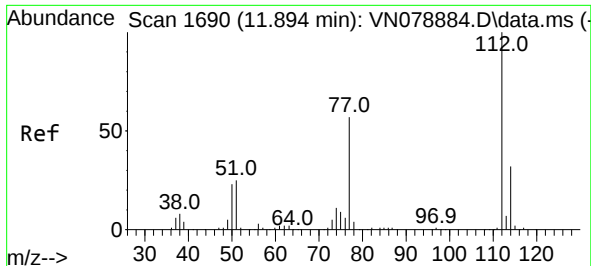
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 93.405 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion:164 Resp: 155274
Ion Ratio Lower Upper
164 100
166 129.8 101.4 152.0
129 98.3 82.4 123.6
131 93.7 78.2 117.4





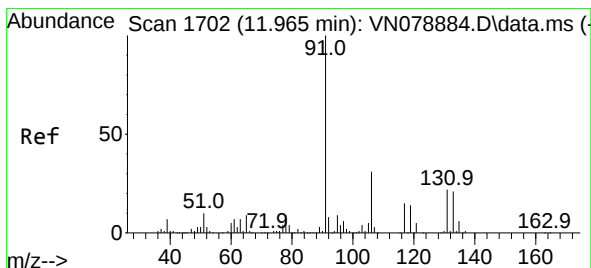
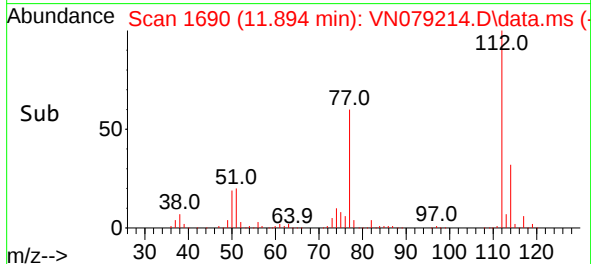
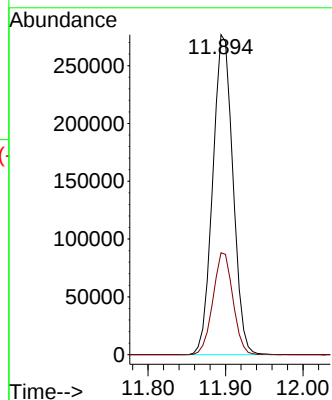
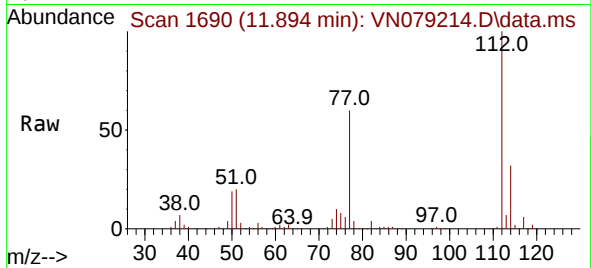
#65
Chlorobenzene
Concen: 96.853 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 50021
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

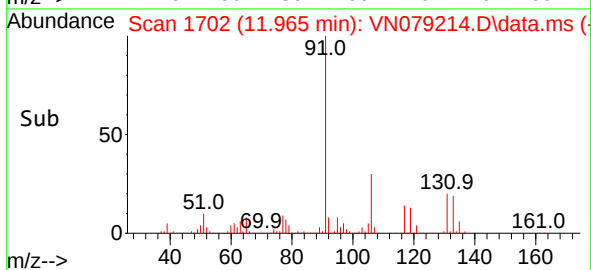
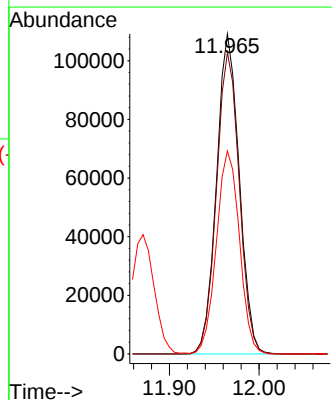
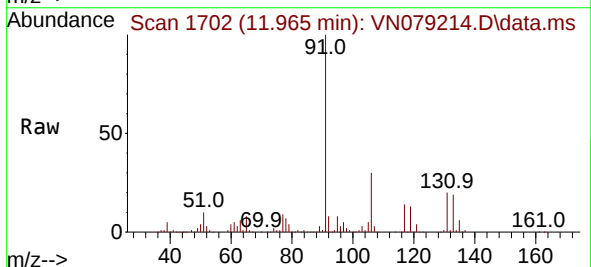
Manual Integrations
APPROVED

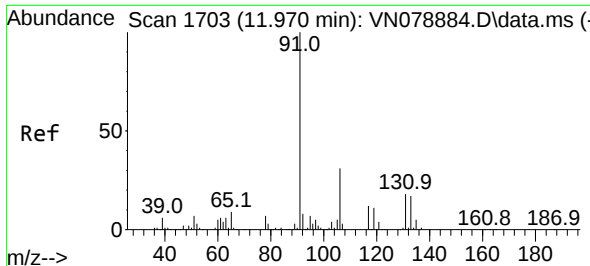
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 99.173 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

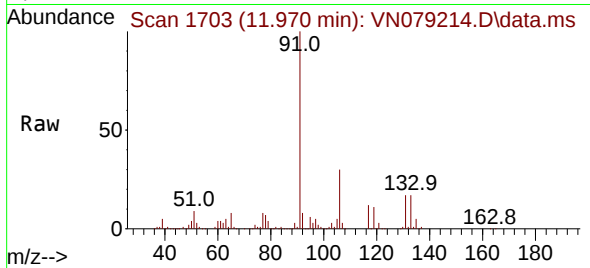
Tgt Ion:131 Resp: 192068
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 64.4 34.1 102.2





#67
Ethyl Benzene
Concen: 107.184 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

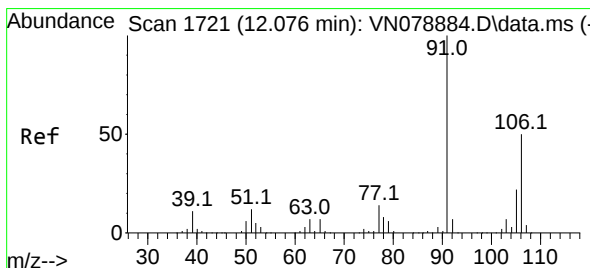
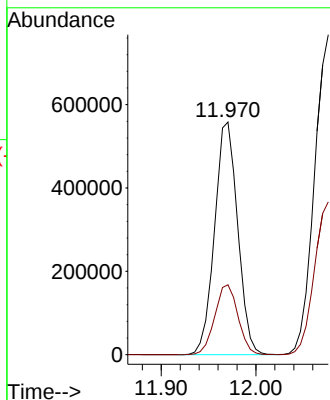
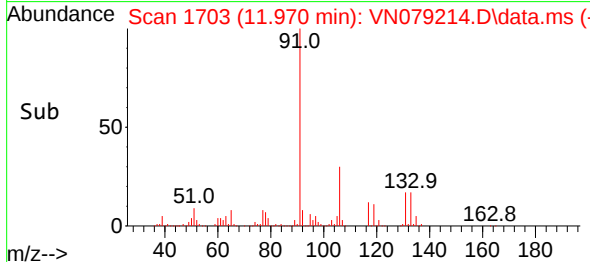
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



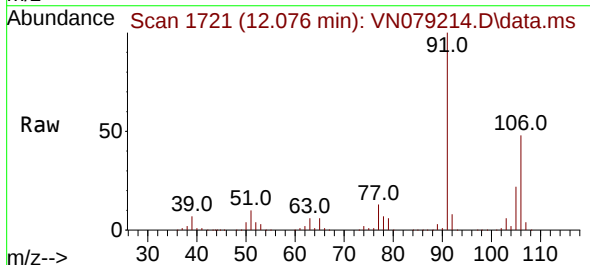
Tgt Ion: 91 Resp: 94686
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

Manual Integrations
APPROVED

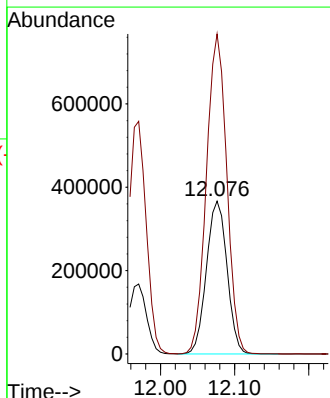
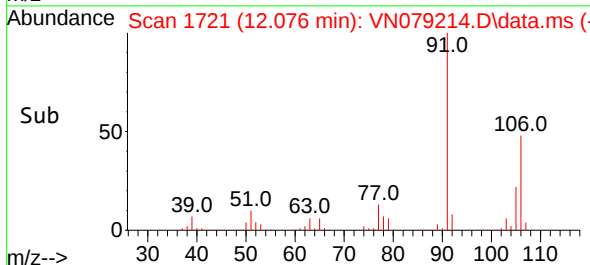
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

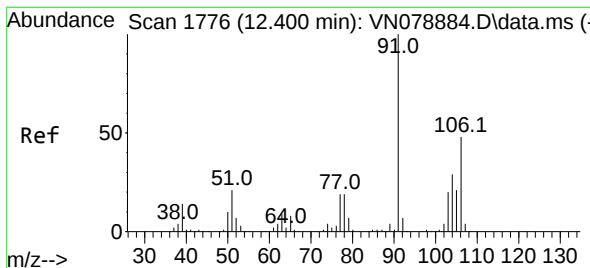


#68
m/p-Xylenes
Concen: 214.950 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



Tgt Ion:106 Resp: 707782
Ion Ratio Lower Upper
106 100
91 207.0 159.6 239.4





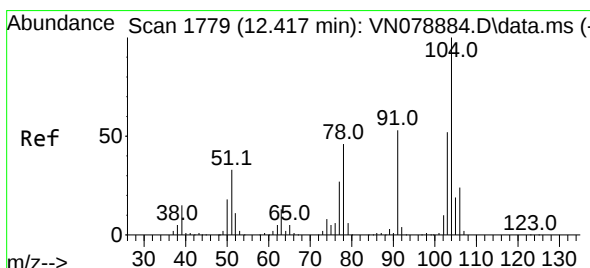
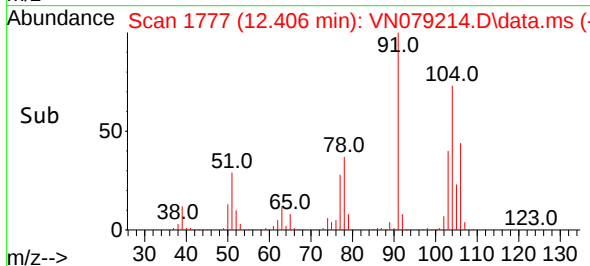
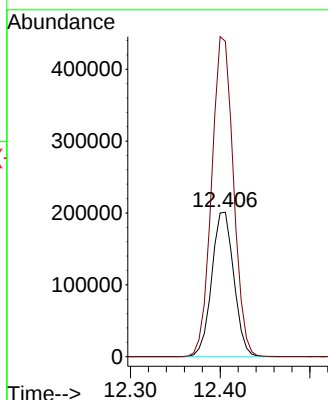
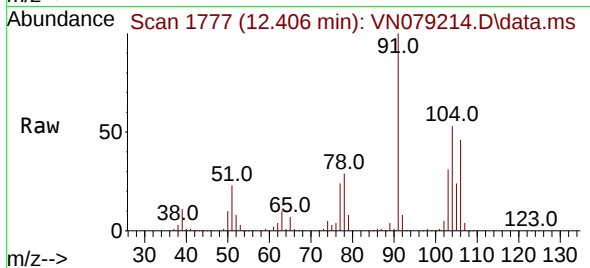
#69
o-Xylene
Concen: 108.795 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 34357
Ion Ratio Lower Upper
106 100
91 218.9 105.2 315.5

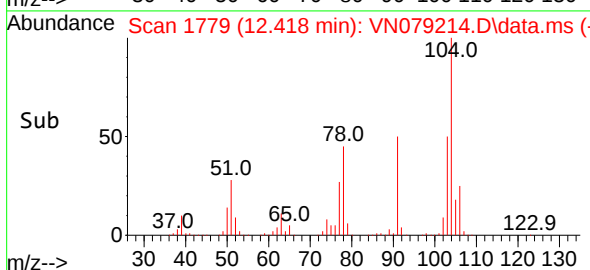
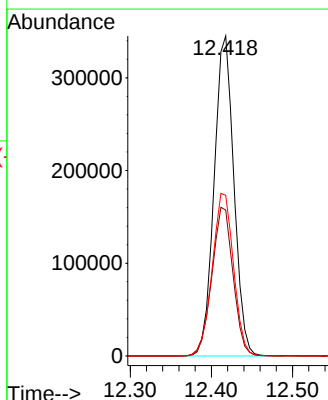
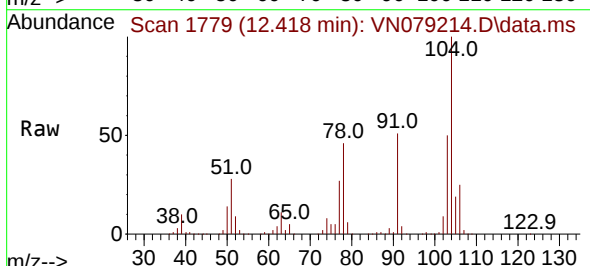
Manual Integrations
APPROVED

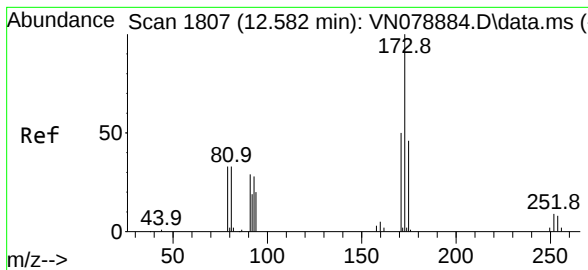
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 115.126 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

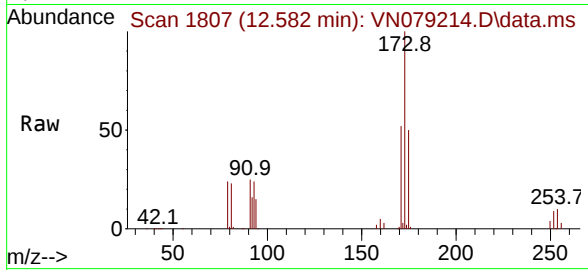
Tgt Ion:104 Resp: 584735
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 54.7 43.2 64.8





#71
Bromoform
Concen: 104.794 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

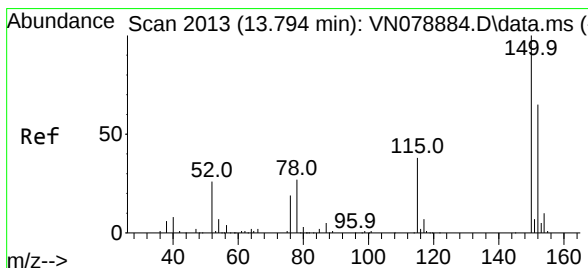
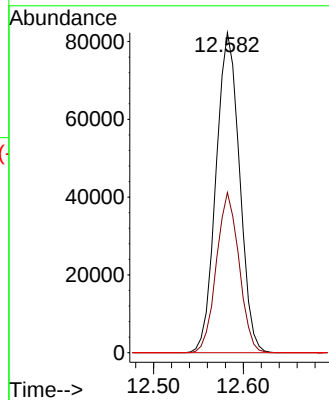
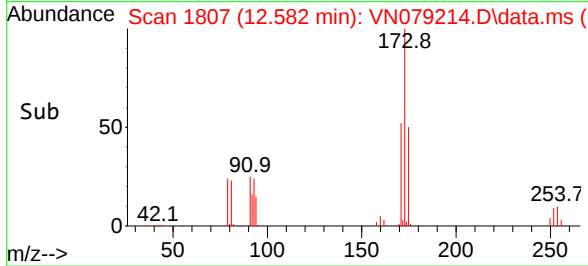
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:173 Resp: 149829
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

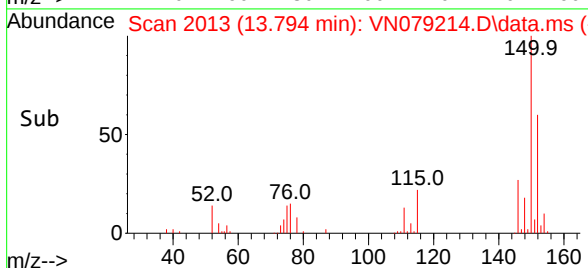
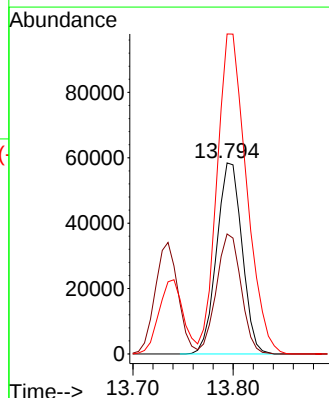
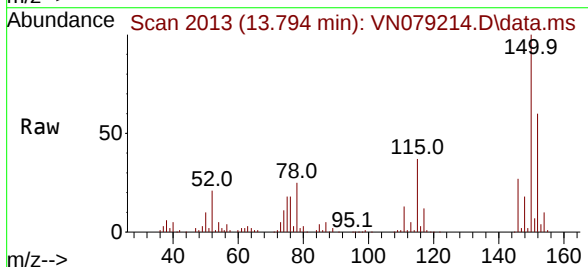
Manual Integrations
APPROVED

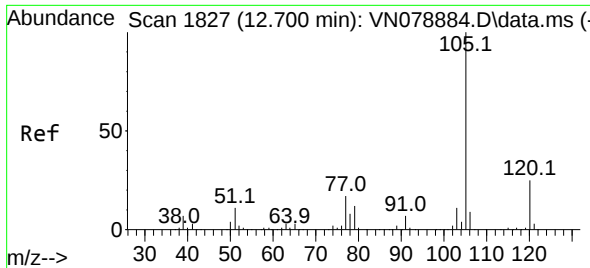
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion:152 Resp: 102523
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 194.3 0.0 355.8





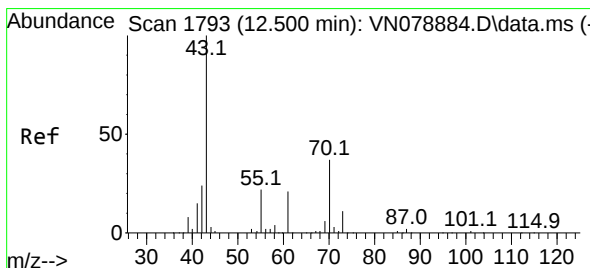
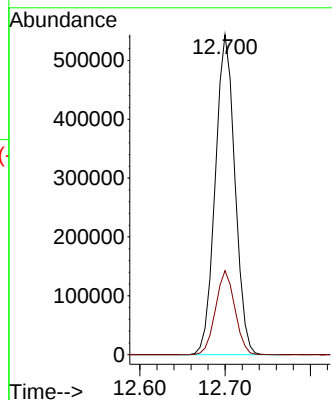
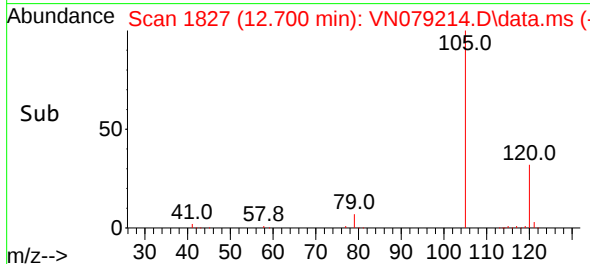
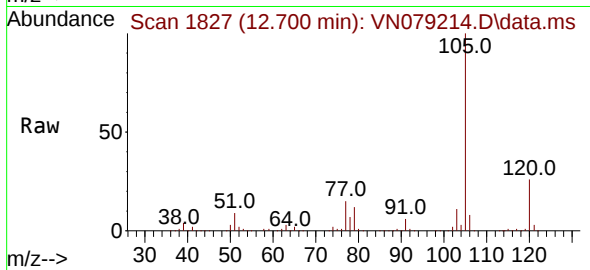
#73
Isopropylbenzene
Concen: 93.277 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 870062
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

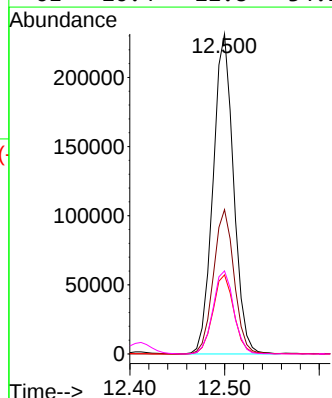
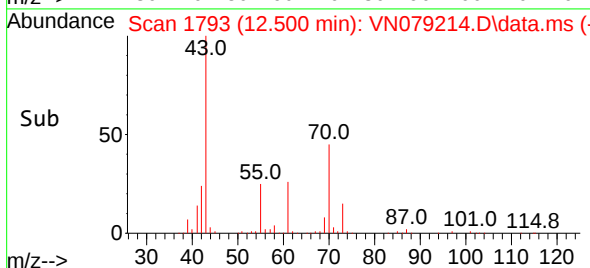
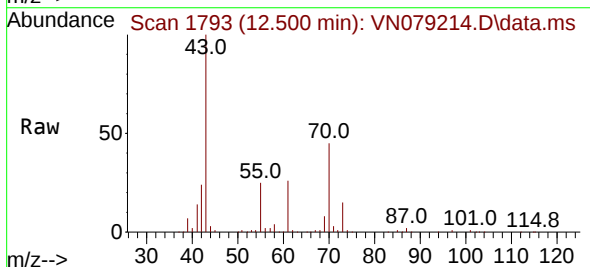
Manual Integrations
APPROVED

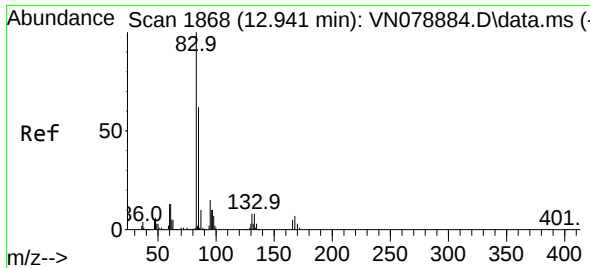
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 98.277 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

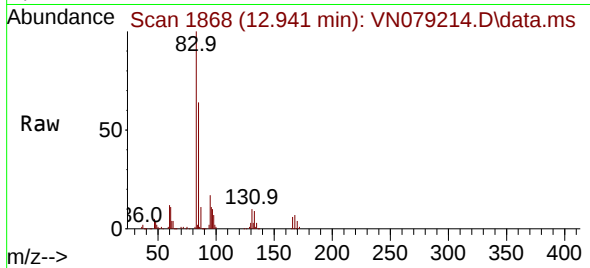
Tgt Ion: 43 Resp: 347789
Ion Ratio Lower Upper
43 100
70 45.6 43.4 65.2
55 25.3 21.4 32.0
61 26.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 79.807 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

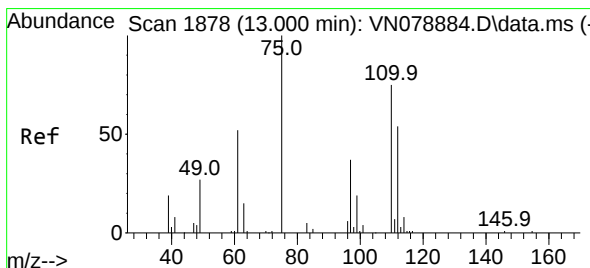
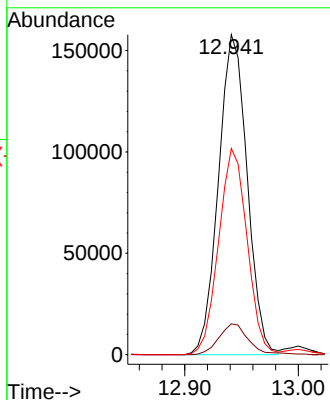
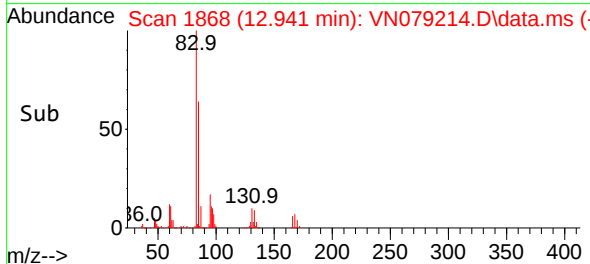
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 27720
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.9 31.9 95.7

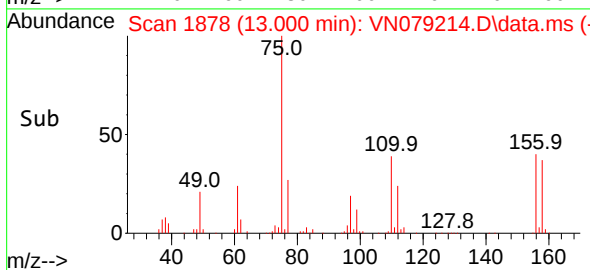
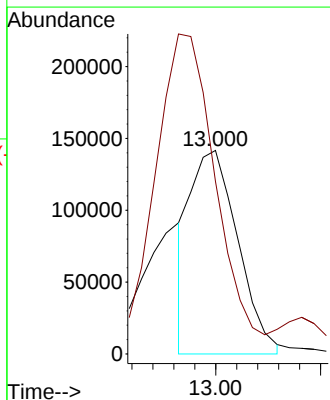
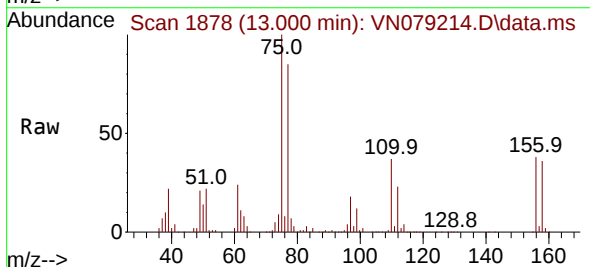
Manual Integrations
APPROVED

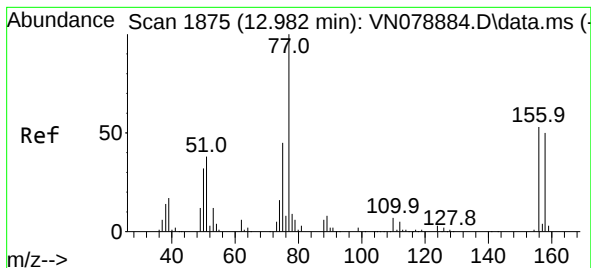
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 83.852 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion: 75 Resp: 223020
Ion Ratio Lower Upper
75 100
77 202.6 84.5 253.5





#77

Bromobenzene

Concen: 88.881 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

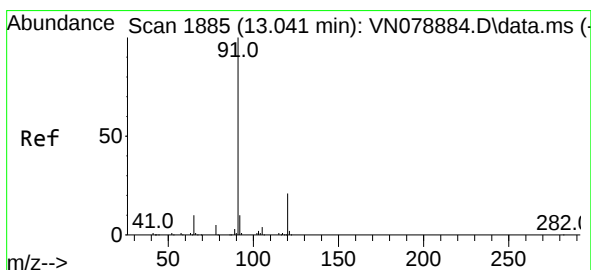
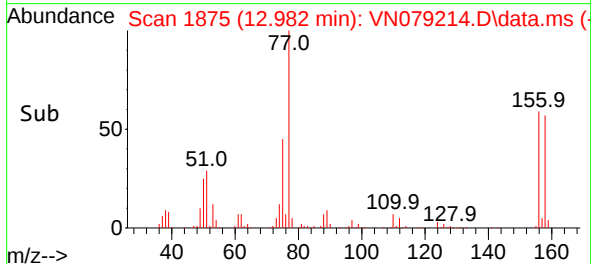
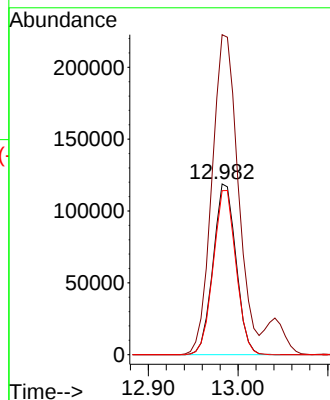
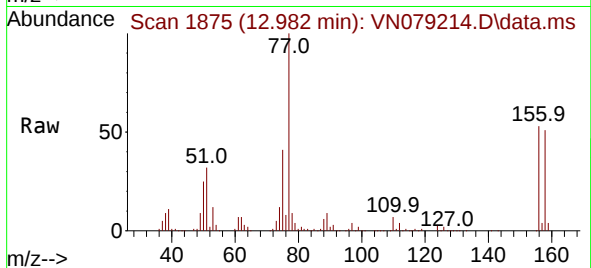
Tgt Ion:	156	Resp:	209920
Ion Ratio	Lower	Upper	
156	100		
77	215.2	107.7	323.3
158	95.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#78

n-propylbenzene

Concen: 97.985 ug/l

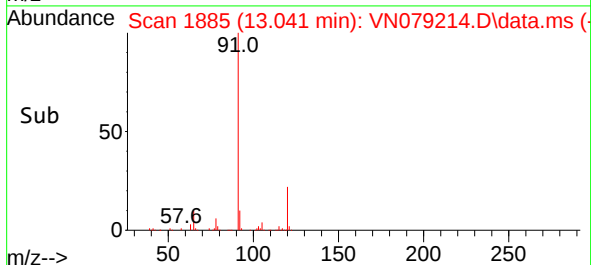
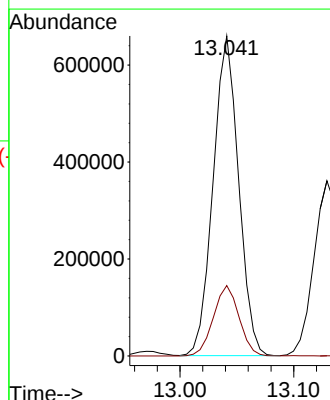
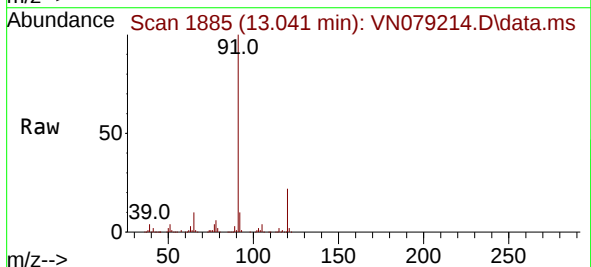
RT: 13.041 min Scan# 1885

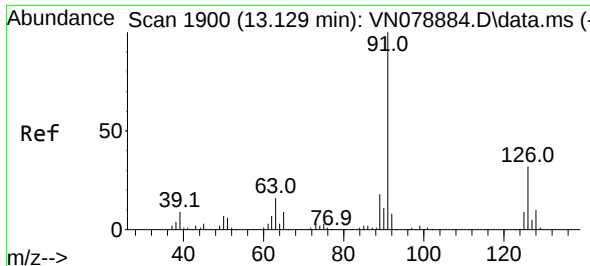
Delta R.T. 0.000 min

Lab File: VN079214.D

Acq: 11 Sep 2023 13:07

Tgt Ion:	91	Resp:	1026718
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





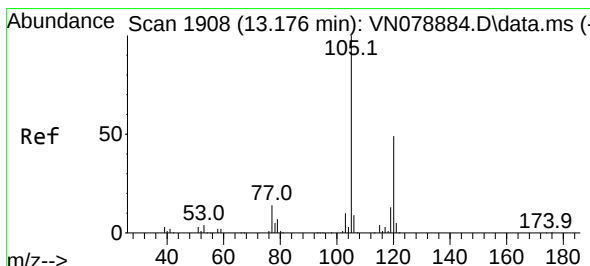
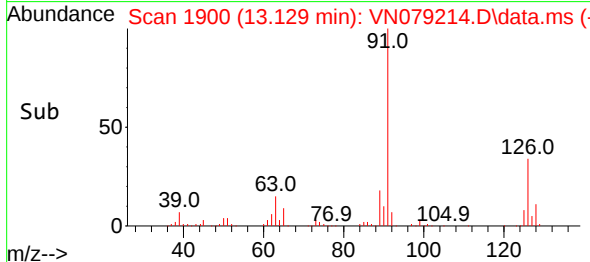
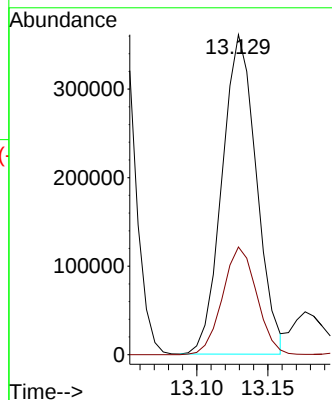
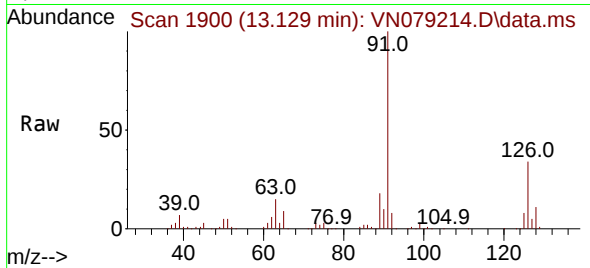
#79
2-Chlorotoluene
Concen: 88.613 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 607292
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

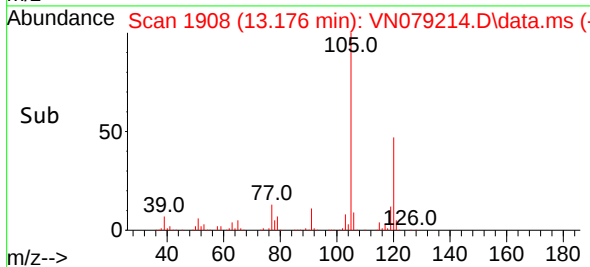
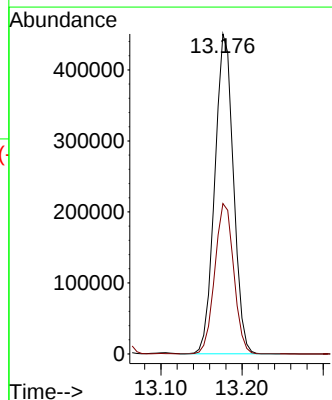
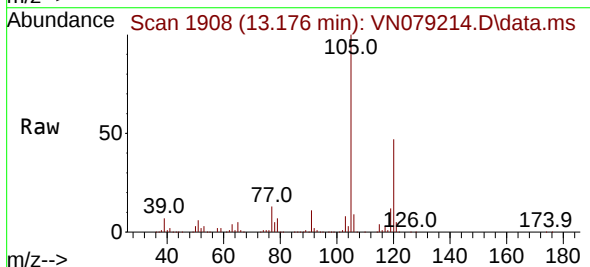
Manual Integrations
APPROVED

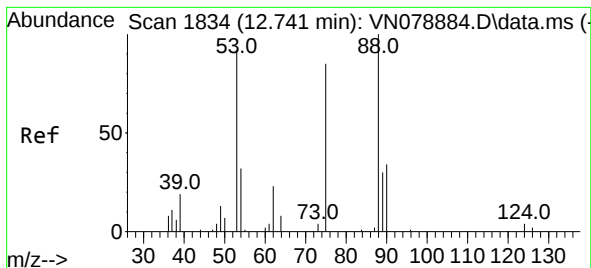
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 92.473 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion:105 Resp: 718730
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





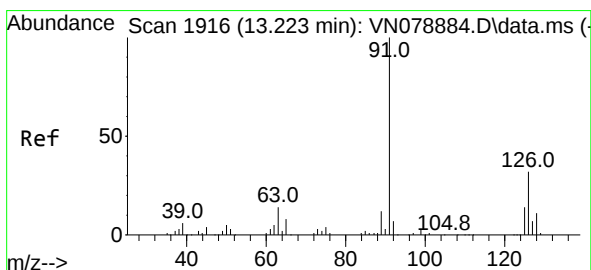
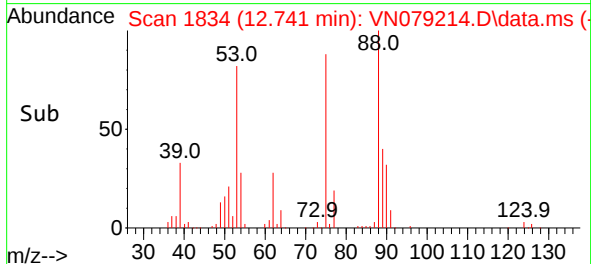
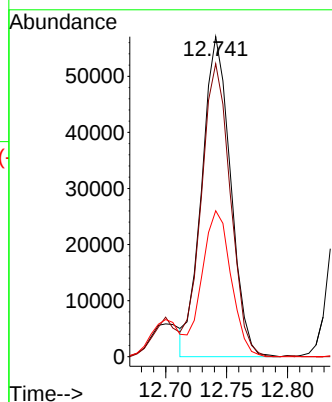
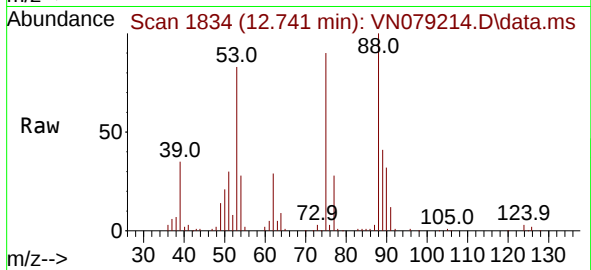
#81
trans-1,4-Dichloro-2-butene
Concen: 93.216 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 93688
Ion Ratio Lower Upper
75 100
53 92.7 67.4 101.2
89 45.3 38.8 58.2

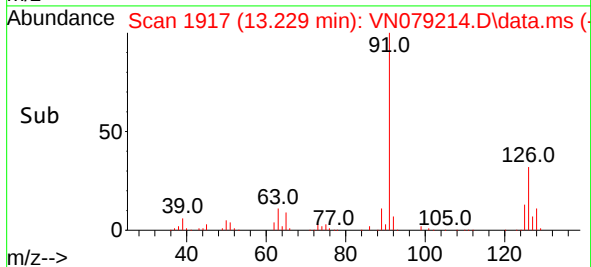
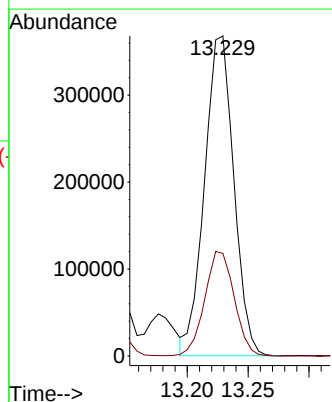
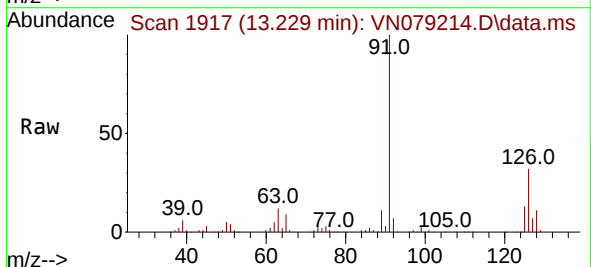
Manual Integrations
APPROVED

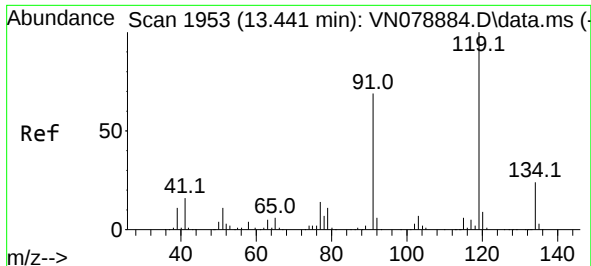
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
4-Chlorotoluene
Concen: 95.660 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

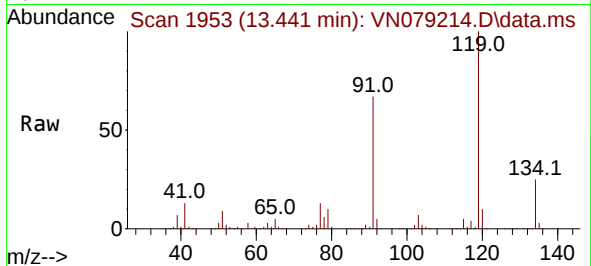
Tgt Ion: 91 Resp: 616020
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 94.226 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

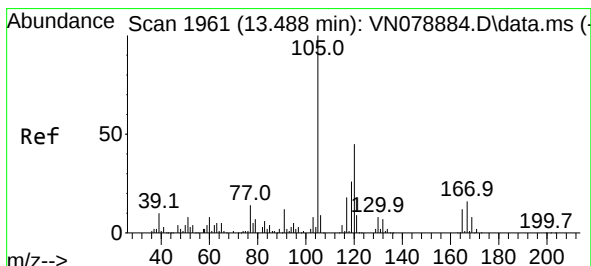
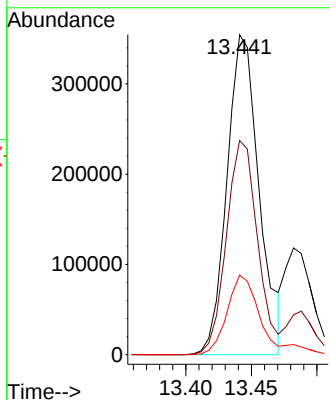
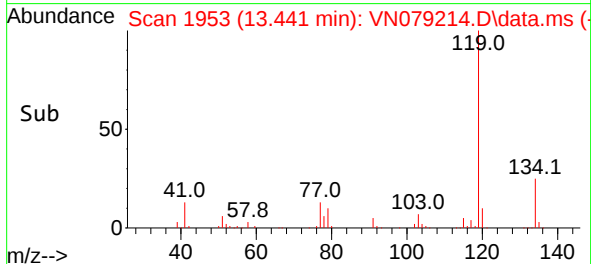
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



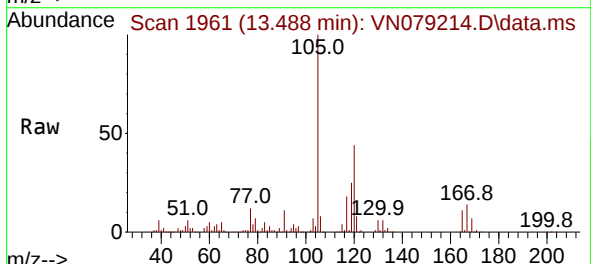
Tgt Ion:119 Resp: 605849
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.7
134 26.3 13.2 39.6

Manual Integrations
APPROVED

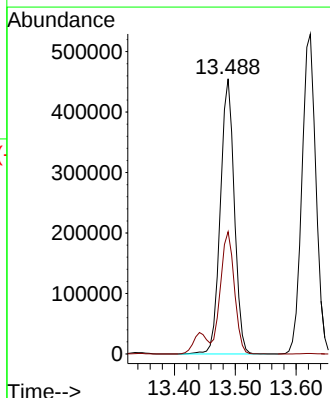
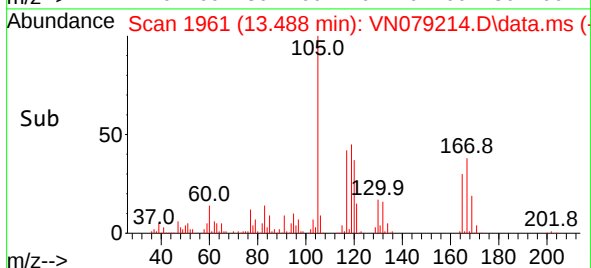
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

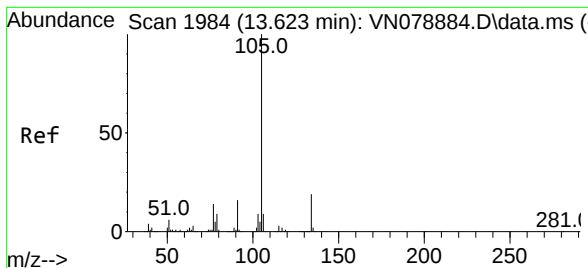


#84
1,2,4-Trimethylbenzene
Concen: 97.675 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07



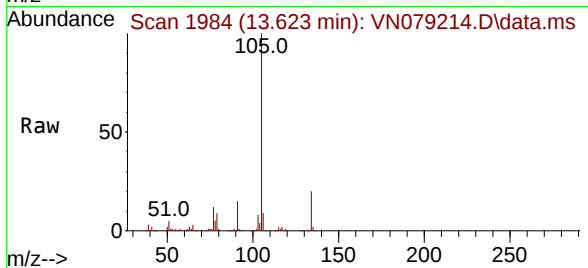
Tgt Ion:105 Resp: 722995
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 95.079 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07

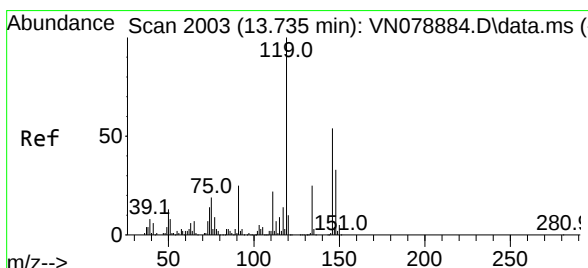
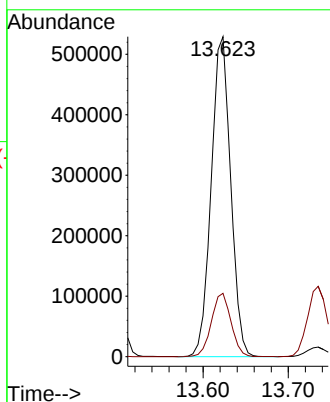
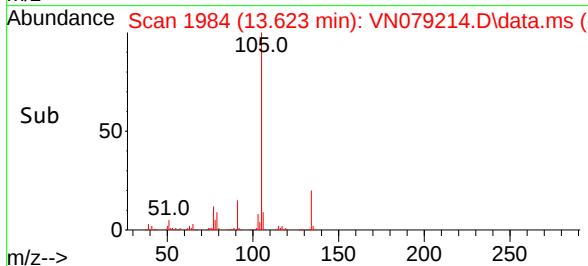
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



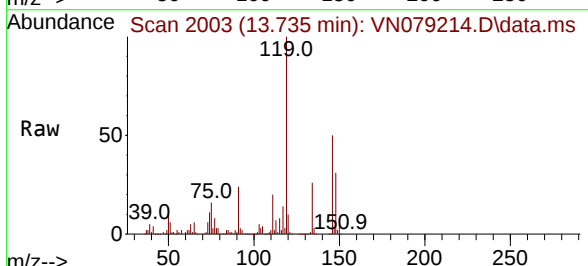
Tgt Ion:105 Resp: 841623
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

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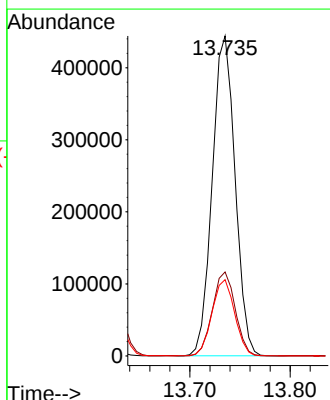
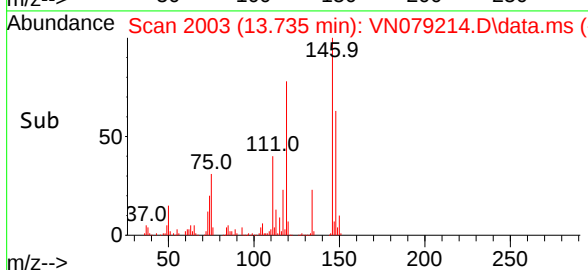
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#86
 p-Isopropyltoluene
 Concen: 99.232 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07



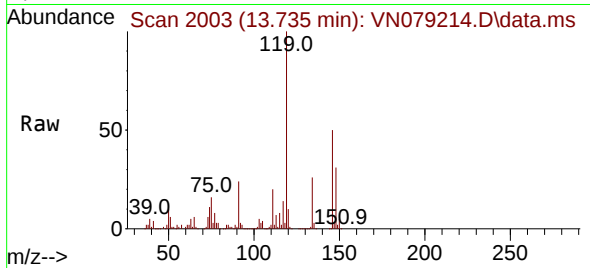
Tgt Ion:119 Resp: 701763
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 23.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 96.657 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07

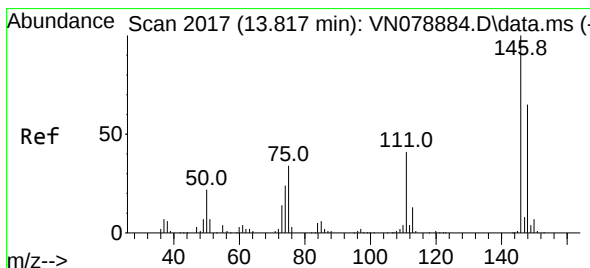
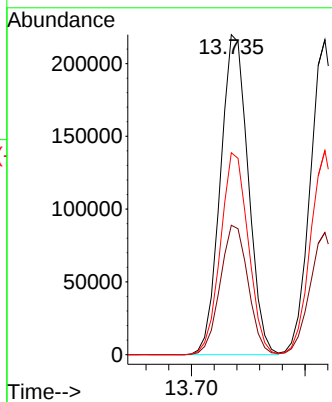
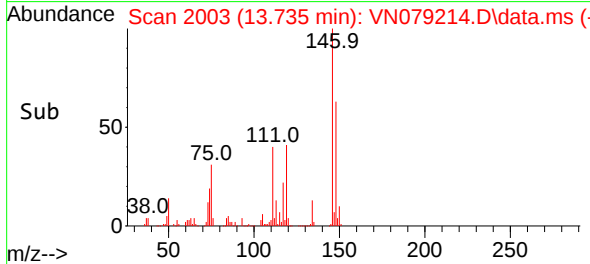
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



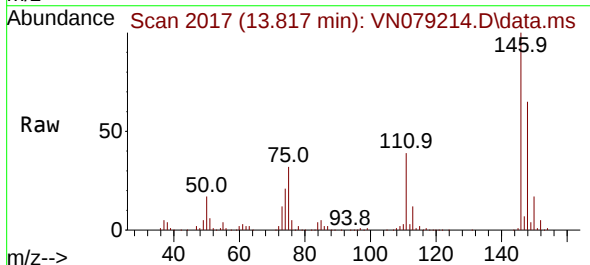
Tgt Ion:146 Resp: 37444
 Ion Ratio Lower Upper
 146 100
 111 40.6 22.1 66.3
 148 62.8 32.0 96.0

Manual Integrations
 APPROVED

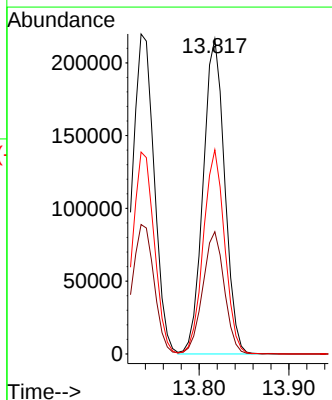
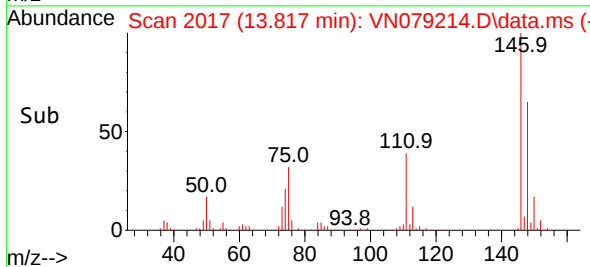
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

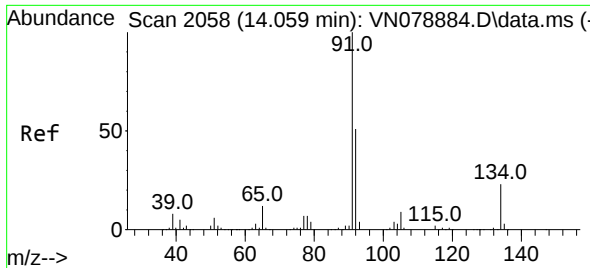


#88
 1,4-Dichlorobenzene
 Concen: 92.182 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079214.D
 Acq: 11 Sep 2023 13:07



Tgt Ion:146 Resp: 360849
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.6 61.8
 148 64.1 31.6 94.8





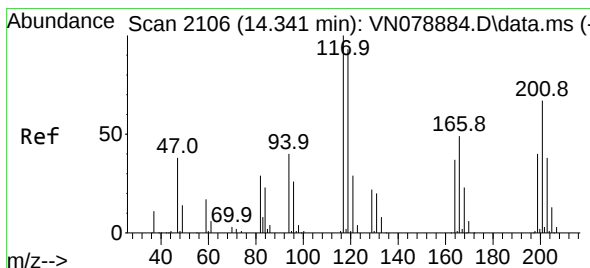
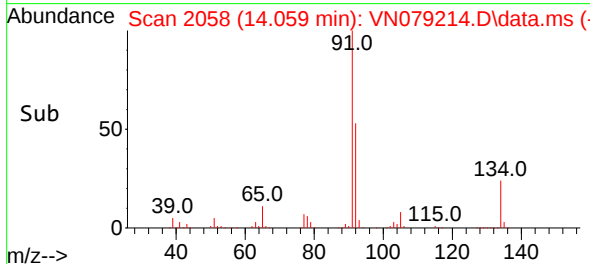
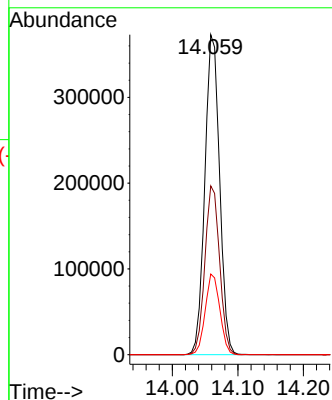
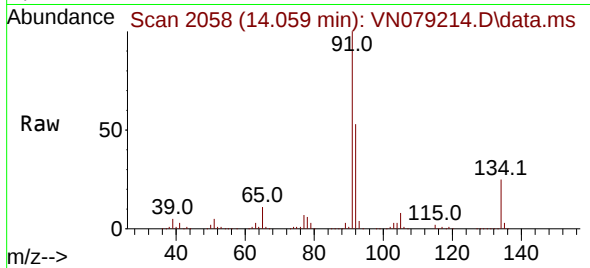
#89
n-Butylbenzene
Concen: 105.285 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 585500
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 25.0 12.6 37.6

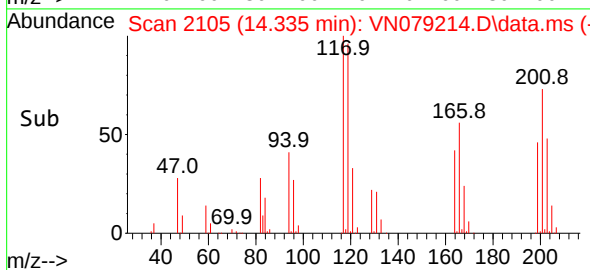
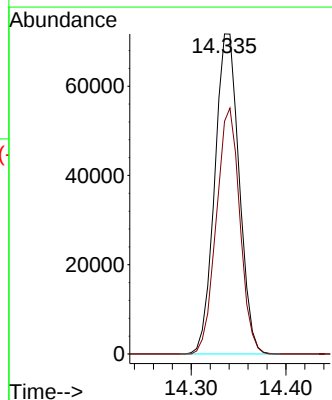
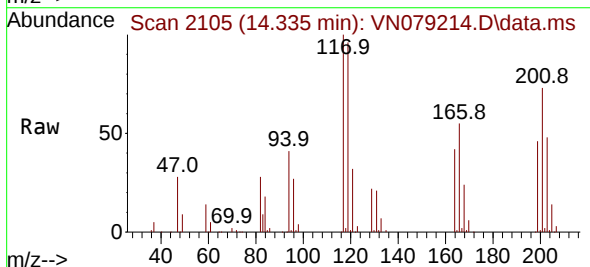
Manual Integrations
APPROVED

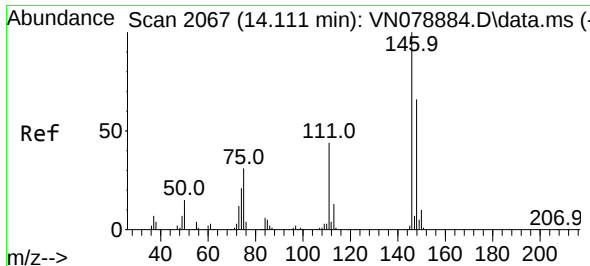
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 89.484 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

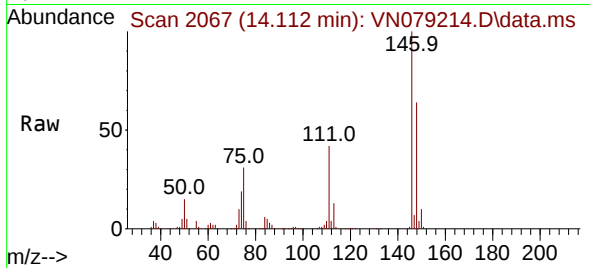
Tgt Ion:117 Resp: 128510
Ion Ratio Lower Upper
117 100
201 73.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 91.922 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

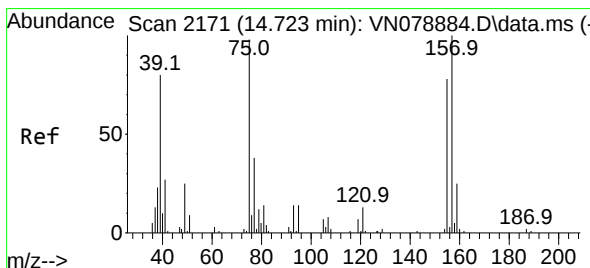
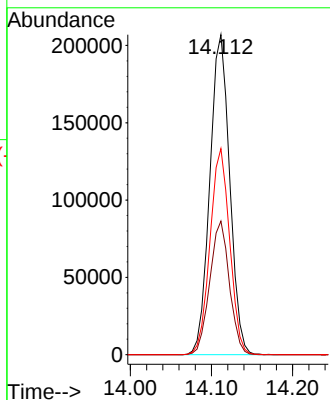
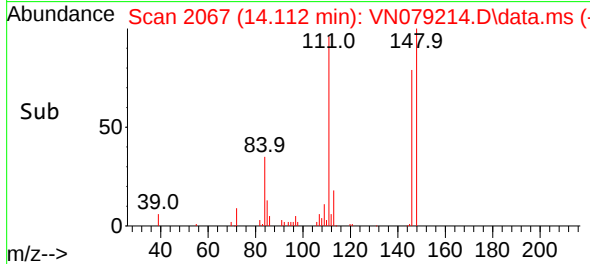
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 351538
Ion Ratio Lower Upper
146 100
111 41.3 22.0 66.0
148 63.9 31.8 95.3

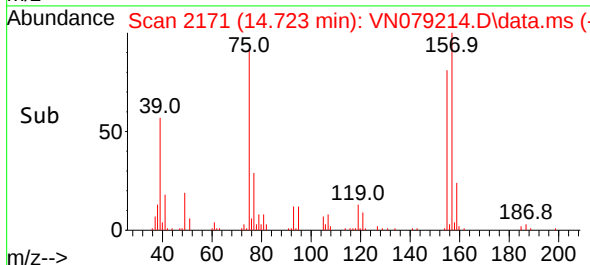
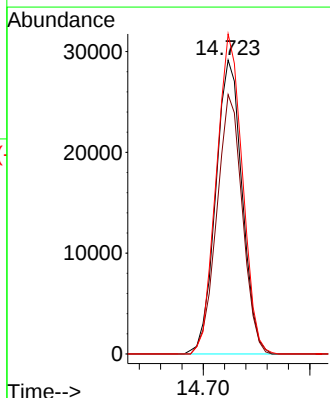
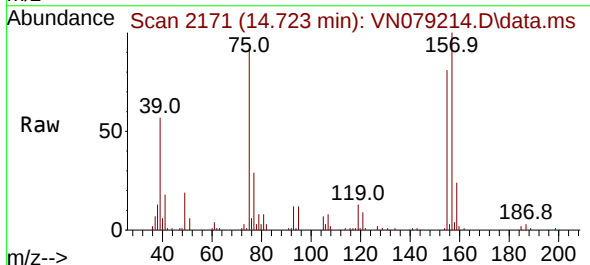
Manual Integrations
APPROVED

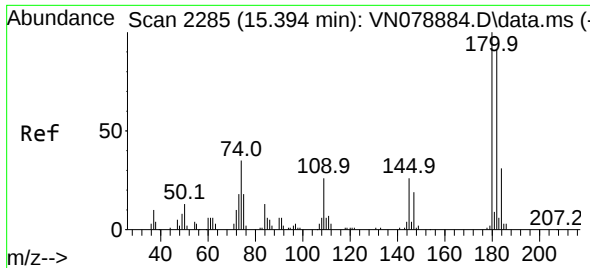
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 91.826 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

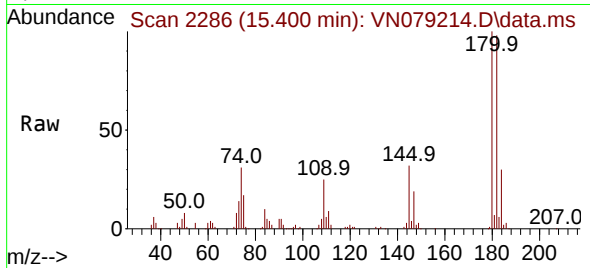
Tgt Ion: 75 Resp: 50258
Ion Ratio Lower Upper
75 100
155 85.5 39.1 117.2
157 107.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 112.944 ug/l
RT: 15.400 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

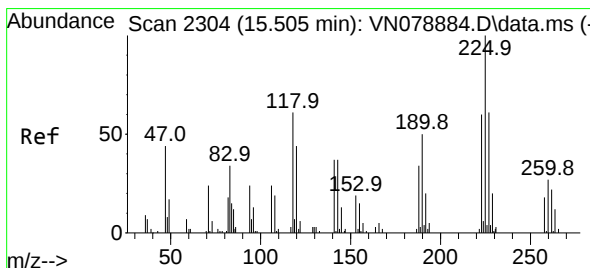
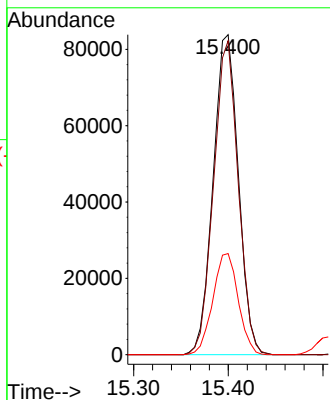
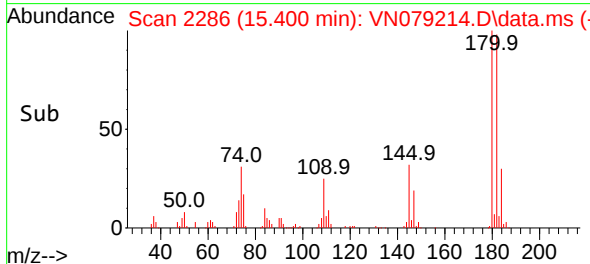
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 155219
Ion Ratio Lower Upper
180 100
182 95.5 46.1 138.2
145 31.8 16.6 49.8

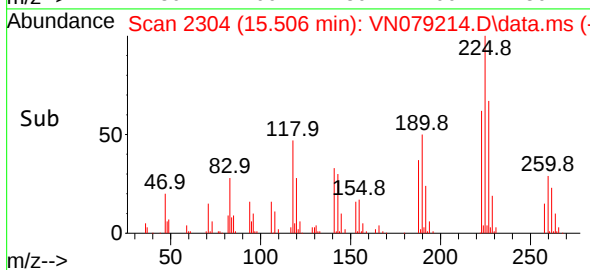
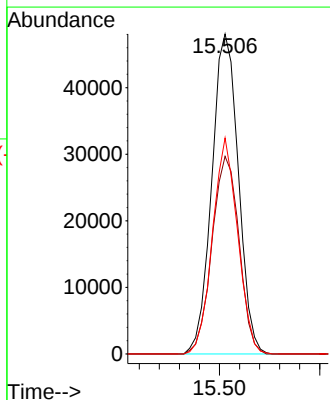
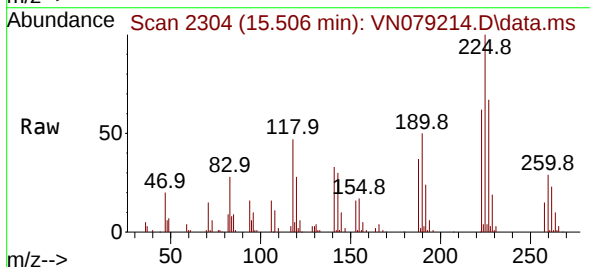
Manual Integrations
APPROVED

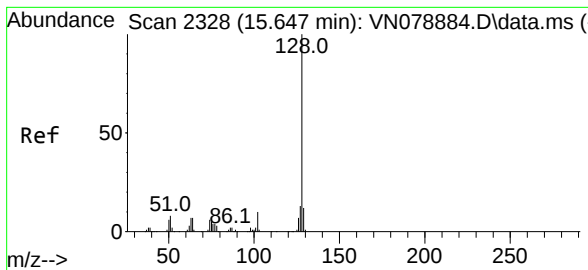
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#94
Hexachlorobutadiene
Concen: 81.806 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

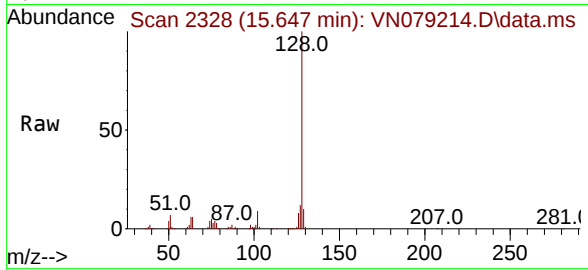
Tgt Ion:225 Resp: 88439
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.8
227 63.9 31.9 95.9





#95
Naphthalene
Concen: 112.695 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

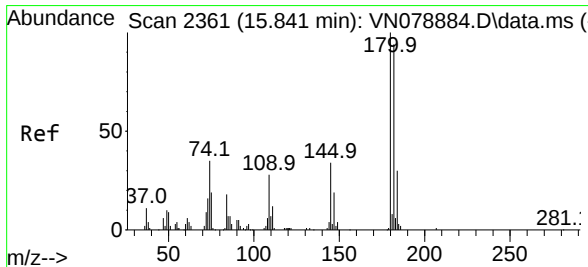
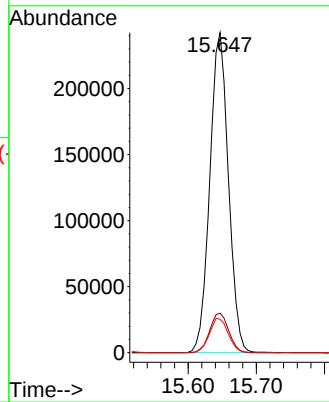
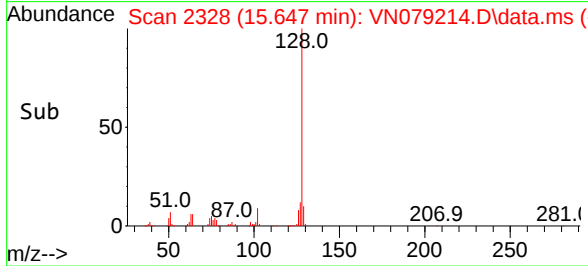
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 459992
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 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: 96.874 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079214.D
Acq: 11 Sep 2023 13:07

Tgt Ion:180 Resp: 157043
Ion Ratio Lower Upper
180 100
182 95.0 46.2 138.6
145 33.6 17.5 52.6

